

- Project Site
- Noise Receptor
- Noise Measurement Location Ð
- Noise Receptor Number 59

individual sites. These are the time periods with the potential to result in the maximum incremental construction noise at nearby receptors (i.e., time periods when the multiple projected development sites would be under construction using noisy equipment) as well as resulting in the maximum levels of construction noise at project buildings that would be completed and occupied during subsequent construction associated with the proposed actions. Each analysis time period conservatively represents 3 to 12 months of time based on the duration of activities that would be underway during the time period.

## NOISE REDUCTION MEASURES

Construction of the proposed project would be required to follow the requirements of the New York City Noise Control Code (also known as Chapter 24 of the Administrative Code of the City of New York, or Local Law 113) for construction noise control measures. Specific noise control measures would be incorporated in noise mitigation plan(s) required under the New York City Noise Code. These measures could include a variety of source and path controls.

In terms of source controls (i.e., reducing noise levels at the source or during the most sensitive time periods), the following measures would be implemented in accordance with the New York City Noise Code:

- Equipment that meets the sound level standards specified in Subchapter 5 of the New York City Noise Control Code would be utilized from the start of construction. The proposed project would be committed to using some pieces of equipment that produce lower noise levels than typical construction equipment as required by the New York City Noise Control Code. **Table 16-6** shows the noise levels for typical construction equipment and the mandated noise levels for the equipment that would be used for construction of the proposed project.
- Where feasible and practicable, construction sites would be configured to minimize back-up alarm noise. In addition, all trucks would not be allowed to idle more than 3 minutes at the construction site based upon Title 24, Chapter 1, Subchapter 7, Section 24-163 of the New York City Administrative Code.
- Contractors and subcontractors would be required to properly maintain their equipment and mufflers.

Equipment List	NYCDEP L <sub>max</sub> Noise Level Limit at 50 feet <sup>1</sup>	Project-Specific L <sub>max</sub> Noise Level Limit at 50 feet
Backhoe / Loader	80	
Chipping Gun / Rivet Buster	85	
Compactor	80	
Compressor	80	
Concrete Pump	82	
Concrete Truck	85	
Cranes (Mobile)	85	
Cranes (Tower)	85	
Delivery Truck	84	
Drill Rig <sup>2</sup>	85	
Dump Truck	84	
Excavator	85	
Generator	82	65
Hoist	N/A	68
Hydraulic Break Ram	90	
Impact Wrench	85	
Jack Hammer	85	
Pump	77	
Rock Drill	85	
Welding Machine	73	
Source:		

# Table 16-6 Typical Construction Equipment Noise Emission Levels (dBA)

<sup>1</sup> Rules for Citywide Construction Noise Mitigation, Chapter 28, DEP, 2007.

<sup>2</sup>The proposed project would use drilled piles, which is a substantially quieter method (i.e., approximately 10 dBA quieter) than impact pile driving,

Additional measures beyond code include path controls, which would be required through the development agreement between ECF and 80 Flatbush Avenue, LLC. In terms of path controls (e.g., placement of equipment, implementation of barriers or enclosures between equipment and sensitive receptors), the following measures for construction would be implemented to the extent feasible and practicable:

- Where logistics allow, noisy equipment, such as cranes, concrete pumps, concrete trucks, and delivery trucks, would be located away from and shielded from sensitive receptor locations.
- Noise barriers constructed from plywood or other materials would be utilized to provide shielding (e.g., the construction sites would have a minimum 8-foot barrier;
- Where logistics allow, truck deliveries would take place behind the noise barriers once building foundations are completed; and
- Path noise control measures (i.e., portable noise barriers, panels, enclosures, and acoustical tents, where feasible) for certain dominant noise equipment to the extent feasible and practical based on the results of the construction noise calculations. The details to construct portable noise barriers, enclosures, tents, etc. are shown in DEP's *Rules for Citywide Construction Noise Mitigation*.<sup>2</sup>
- As early in the construction period as logistics would allow, diesel- or gas-powered equipment would be replaced with electrical-powered equipment such as welders, water pumps, bench saws, and table saws (i.e., early electrification) to the extent feasible and practicable. Where

<sup>&</sup>lt;sup>2</sup> As found at http://www.nyc.gov/html/dep/pdf/noise\_constr\_rule.pdf

electrical equipment cannot be used, diesel or gas-powered generators and pumps would be located within buildings to the extent feasible and practicable.

• As early in the construction period as logistics would allow, materials and concrete deliveries would be staged within the first floor of the proposed structures to the extent feasible and practicable.

#### NOISE RECEPTOR SITES

Within the study area, 85 receptor locations close to the project site were selected for the construction noise analysis to represent buildings or noise-sensitive open space locations that have potential to experience elevated noise as a result of construction. These receptors were either located adjacent to planned areas of activity or streets where construction trucks would pass. At some buildings, multiple façades were analyzed as receptors. At high-rise buildings, noise receptors were selected at multiple elevations. At open space locations, receptors were selected at street level. The receptor sites selected for detailed analysis are representative locations where maximum project effects due to construction noise would be expected. At-grade noise measurements were conducted at four locations to determine existing noise levels in the study area.

**Figure 16-2** shows the locations of the 87 noise receptor sites, and **Table 16-7** lists the four noise measurement sites (i.e., sites M1 to M4) as well as the 85 noise receptor sites (i.e., sites 1 to 85) and the associated land use at these sites.

#### NOISE MEASUREMENT RESULTS

#### Equipment Used During Noise Survey

Measurements were performed using a Brüel & Kjær Sound Level Meters (SLMs) Type 2260 and Type 2270, Brüel & Kjær ½-inch microphones Type 4189, and Brüel & Kjær Sound Level Calibrators Type 4231. The SLMs had a valid laboratory calibration within 1 year, as is standard practice. The Brüel & Kjær SLMs are a Type 1 instrument according to ANSI Standard S1.4-1983 (R2006). The microphones were mounted at a height of approximately 5 feet above the ground surface on a tripod and at least approximately 5 feet away from any large reflecting surfaces. The SLMs were calibrated before and after readings with Brüel & Kjær Type 4231 Sound Level Calibrators using the appropriate adaptor. Measurements were made on the A-scale (dBA). The data were digitally recorded by the sound level meters and displayed at the end of the measurement period in units of dBA. Measured quantities included  $L_{eq}$ ,  $L_1$ ,  $L_{10}$ ,  $L_{50}$ ,  $L_{90}$ , and ½octave band levels. A windscreen was used during all sound measurements except for calibration. All measurement procedures were based on the guidelines outlined in ANSI Standard S1.13-2005.

#### Noise Survey Results

The baseline noise levels at each of the noise survey locations are shown in **Table 16-8**. At all noise measurement locations, the dominant existing noise source was vehicular traffic on the adjacent roadways.

# **Table 16-7**

#### Receptor Location Associated Land Use Flatbush Avenue between Schermerhorn and State Streets Measurement Location M1 M2 State Street between Flatbush and 3rd Avenues Measurement Location M3 3rd Avenue between Schermerhorn and State Streets Measurement Location M4 Schermerhorn Street between 3rd and Flatbush Avenues Measurement Location The Hub 333 Schermerhorn Street Residential with Commercial Below 1 2 Residential with Commercial Below 366 Livingston Street Open Space and Outdoor Recreation 3 358 Schermerhorn Street 358 Schermerhorn Street Public Facilities and Institutions 4 5 437 State Street Residential 6 441 State Street Residential 443 State Street Residential 7 8 449 State Street Residential 9 453A State Street Residential 10 457 State Street Residential 11 465 State Street Residential 12 471 State Street Residential 13 456 State Street Residential 14 464 State Street Residential 15 470 State Street Residential Residential 16 476 State Street 17 480 State Street Residential 486 State Street 18 Residential 19 494 State Street Residential 20 457 Atlantic Avenue Residential with Commercial Below Residential with Commercial Below 21 469 Atlantic Avenue 22 483 Atlantic Avenue Residential with Commercial Below 23 493 Atlantic Avenue Residential with Commercial Below 24 501 Atlantic Avenue Residential with Commercial Below 25 Public Facilities and Institutions 30 3rd Avenue 26 25 3rd Avenue Residential with Commercial Below Residential with Commercial Below 27 29 3rd Avenue 28 524 State Street Residential 29 532 State Street Residential 30 540 State Street Residential 31 546 State Street Residential Residential with Commercial Below 32 557 Atlantic Avenue 33 560 State Street Residential with Commercial Below 34 517 Atlantic Avenue Residential with Commercial Below 35 525 Atlantic Avenue Industrial and Manufacturing 535 Atlantic Avenue Residential with Commercial Below 36 37 543 Atlantic Avenue **Public Facilities and Institutions** Residential with Commercial Below 38 549 Atlantic Avenue 39 455 Pacific Avenue Residential 40 Residential with Commercial Below 494 Atlantic Avenue 510 Atlantic Avenue 41 Public Facilities and Institutions 483 Pacific Street 42 Residential 43 493 Pacific Street Residential 44 52 3rd Avenue Residential 45 505 Pacific Street Residential with Commercial Below 46 540 Atlantic Avenue Public Facilities and Institutions 47 566 Atlantic Avenue Residential with Commercial Below 48 570 Atlantic Avenue Residential with Commercial Below 49 Residential with Commercial Below 578 Atlantic Avenue 50 549 Pacific Street Residential Residential with Commercial Below 51 24 4th Avenue

#### Noise Receptor Locations by Location and Associated Land Use

Receptor	Location	Associated Land Use
52	66 Rockwell Apartments	Residential with Commercial Below
53	55 Flatbush	Residential with Commercial Below
54	63 Flatbush Avenue	Residential with Commercial Below
55	95 Rockwell Place	Open Space and Outdoor Recreation
56	600 Fulton Street	Residential with Commercial Below
57	272 Ashland Place	Public Facilities and Institutions
58	3 Lafayette Avenue	Public Facilities and Institutions
59	15 Lafayette Avenue	Residential with Commercial Below
60	300 Ashland Place	Residential with Commercial Below
61	25 Lafayette Avenue	Residential with Commercial Below
62	35 Lafayette Avenue	Residential with Commercial Below
63	30 Lafayette Avenue	Public Facilities and Institutions
64	321 Ashland Place	Public Facilities and Institutions
65	1 Hanson Place	Residential with Commercial Below
66	632 Fulton Street	Open Space and Outdoor Recreation
67	38 Lafayette Avenue	Public Facilities and Institutions
68	107 St. Felix Street	Residential
69	145 St. Felix Street	Residential
70	104 Fort Greene Place	Residential
71	122 Fort Greene Place	Residential
72	134 Fort Greene Place	Residential
73	362 Schermerhorn Street	Public Facilities and Institutions
74 to 92	Completed Project Buildings	Mixed-Use, Replacement High School,
74 10 83	(Middle and eastern Portions of the Site)	New Lower School
84	BAM South Public Plaza	Open Space
85	DOT 3rd Avenue Plaza	Open Space

	Table 16-7 (cont'd)
Noise Receptor Locations by Location and A	Associated Land Use

Table 16-8Noise Survey Results in dBA

Site	Measurement Location	L <sub>EQ</sub>
1	Flatbush Avenue between Schermerhorn Street and State Street	76.9
2	State Street between Flatbush Avenue and 3rd Avenue	61.2
3	3rd Avenue between State Street and Schermerhorn Street	73.3
4	Schermerhorn St between 3rd Avenue and Flatbush Avenue	73.8

In terms of CEQR noise exposure guidelines (shown in Table 14-2 in Chapter 14, "Noise"), during the morning analysis hour, existing noise levels at site 2 are in the "acceptable" category, and existing noise levels at sites 1, 3, and 4 are in the "marginally unacceptable" category.

#### CONSTRUCTION NOISE ANALYSIS RESULTS

Using the methodology described above, and considering the noise abatement measures from path controls specified above, cumulative noise analyses were performed to determine maximum 1-hour equivalent ( $L_{eq(1)}$ ) noise levels that would be expected during each of the 7 months of the construction period selected for analysis at each of the 85 noise receptor locations. This resulted in a predicted range of peak hourly construction noise levels throughout the construction period.

The results of the detailed construction noise analysis are summarized in Table 16-9.

# Table 16-9 Construction Noise Analysis Results in dBA

		Existing L <sub>EO</sub>		Total L <sub>EO</sub>		Change in L <sub>FO</sub>	
Receptor	Location	Min	Max	Min	Max	Min	Max
1	The Hub 333 Schermerhorn Street	63.0	67.6	63.0	69.7	0.0	4.8
2	366 Livingston Street	63.0	70.6	63.0	70.8	0.0	3.6
3	358 Schermerhorn Street		63.0	63.1	65.1	0.2	2.1
4	360 Schermerhorn Street	63.0	70.3	63.0	72.6	0.1	3.6
5	437 State Street	63.0	63.0	63.0	65.1	0.0	2.1
6	441 State Street	63.0	63.0	63.0	64.0	0.0	1.0
7	443 State Street	63.0	63.0	63.0	65.1	0.0	2.1
8	449 State Street	63.0	63.0	63.0	65.2	0.1	2.3
9	453A State Street	63.0	63.0	63.0	65.3	0.1	2.3
10	457 State Street	63.0	63.0	63.0	68.9	0.1	5.9
11	465 State Street	63.0	63.0	63.1	70.9	0.2	8.0
12	471 State Street	65.2	70.8	65.3	77.2	0.1	10.3
13	456 State Street	63.0	63.0	63.0	64.1	0.0	1.2
14	464 State Street	63.0	63.0	63.0	64.9	0.0	1.9
15	470 State Street	63.0	63.0	63.0	65.5	0.0	2.6
16	476 State Street	63.0	63.0	63.0	65.9	0.0	3.0
17	480 State Street	63.0	63.0	63.0	66.0	0.0	3.1
18	486 State Street	63.0	63.0	63.0	66.6	0.0	3.7
19	494 State Street	63.0	63.0	63.0	67.1	0.0	4.2
20	457 Atlantic Avenue	63.0	74.4	63.0	74.4	0.0	1.4
21	469 Atlantic Avenue	63.0	74.5	63.0	74.5	0.0	0.7
22	483 Atlantic Avenue	63.0	74.7	63.0	74.7	0.0	1.9
23	493 Atlantic Avenue	63.0	74.8	63.0	74.9	0.0	0.9
24	501 Atlantic Avenue	63.0	74.9	63.0	75.0	0.0	1.7
25	30 3rd Avenue	63.0	74.7	63.0	74.8	0.0	8.2
26	25 3rd Avenue	65.4	70.7	66.3	74.4	0.1	7.6
27	29 3rd Avenue	63.0	70.7	63.0	72.9	0.1	6.2
28	524 State Street	63.0	63.0	63.0	72.2	0.1	9.2
29	532 State Street	63.0	63.0	63.0	74.5	0.1	11.6
30	540 State Street	63.0	63.0	63.0	76.4	0.1	13.5
31	546 State Street	63.0	63.0	63.0	78.3	0.0	13.1
32	557 Atlantic Avenue	63.0	73.9	63.0	75.4	0.0	9.2
33	560 State Street	63.0	74.0	63.0	74.1	0.0	5.9
34	517 Atlantic Avenue	63.0	75.1	63.0	75.2	0.0	5.0
35	525 Atlantic Avenue	63.0	74.9	63.0	75.0	0.0	5.2
36	535 Atlantic Avenue	63.0	75.0	63.0	75.2	0.0	6.5
37	543 Atlantic Avenue	63.0	74.9	63.0	75.1	0.0	4.7
38	549 Atlantic Avenue	63.0	74.9	63.0	75.0	0.0	4.3
39	455 Pacific Avenue	63.0	66.7	63.0	66.7	0.0	0.5
40	494 Atlantic Avenue	63.0	74.6	63.0	74.7	0.0	0.1
41	510 Atlantic Avenue	63.0	74.4	63.0	74.5	0.0	2.5
42	483 Pacific Street	63.0	66.8	63.0	66.8	0.0	0.3
43	493 Pacific Street	63.0	65.9	63.0	66.1	0.0	0.4
44	52 3rd Avenue	63.0	71.2	63.0	71.8	0.0	2.2
45	505 Pacific Street	63.0	74.9	63.0	75.2	0.0	2.9
46	540 Atlantic Avenue	63.0	74.7	63.0	75.1	0.0	3.5
47	566 Atlantic Avenue	63.0	74.8	63.0	75.0	0.0	0.7
48	570 Atlantic Avenue	63.0	74.8	63.0	74.9	0.0	1.0
49	578 Atlantic Avenue	63.0	74.2	63.0	74.3	0.0	0.8
50	549 Pacific Street	63.0	63.0	63.0	63.9	0.0	1.0
51	24 4th Avenue	63.0	72.2	63.0	72.4	0.0	1.9
52	66 Rockwell Apartments	63.0	64.9	63.0	66.7	0.0	3.7

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Receptor	Location	Min	Max	Min	Max	Min	
53	55 Flatbush	63.0	73.1	63.0	73.5	0.0	4.3
54	63 Flatbush Avenue	63.0	73.0	63.0	73.9	0.1	3.3
55	95 Rockwell Place	70.4	70.4	70.5	72.7	0.2	2.3
56	600 Fulton Street	63.0	63.0	63.0	66.1	0.0	3.2
57	272 Ashland Place	63.0	63.0	63.0	65.2	0.0	2.3
58	3 Lafayette Avenue	65.4	69.2	65.4	71.2	0.1	3.1
59	15 Lafayette Avenue	63.0	72.6	63.0	73.1	0.0	1.7
60	300 Ashland Place	63.0	67.9	63.0	73.2	0.0	6.6
61	25 Lafayette Avenue	63.0	74.0	63.0	74.2	0.0	0.8
62	35 Lafayette Avenue	63.2	74.1	63.2	74.2	0.0	0.2
63	30 Lafayette Avenue	63.0	73.3	63.0	73.4	0.0	1.1
64	321 Ashland Place	63.0	63.0	63.0	65.8	0.0	2.8
65	1 Hanson Place	63.0	66.6	63.0	72.0	0.0	5.4
66	632 Fulton Street	72.4	72.4	72.4	72.6	0.0	0.2
67	38 Lafayette Avenue	63.0	71.5	63.0	71.6	0.0	0.9
68	107 St. Felix Street	63.0	63.0	63.0	64.2	0.0	1.3
69	145 St. Felix Street	63.0	63.4	63.0	63.7	0.0	0.3
70	104 Fort Greene Place	63.0	63.0	63.0	64.2	0.0	1.2
71	122 Fort Greene Place	63.0	63.0	63.0	64.3	0.0	1.3
72	134 Fort Greene Place	63.0	63.0	63.0	63.4	0.0	0.5
73	362 Schermerhorn Street	63.0	70.2	64.0	75.0	0.0	12.0
84	BAM South Public Plaza	72.8	72.8	72.8	75.0	0.0	2.2
85	DOT 3rd Avenue Plaza	74.6	74.6	74.7	75.7	0.2	1.1
<b>Notes:</b> For receptors representing buildings, the change in $L_{eq}$ was calculated by subtracting the existing $L_{eq}$ from the total $L_{eq}$ during each construction period individually at each floor of each façade; the minimum and maximum for each receptor and each period are the values shown above.							

#### Table 16-9 (cont'd) Construction Noise Analysis Results in dBA

The noise levels shown in **Table 16-9** are maximum 1-hour equivalent noise levels, which is the metric recommended by the *CEQR Technical Manual* for construction noise analysis. However, noise levels resulting from construction typically fluctuate throughout the day and from day to day during each construction phase, and would not be sustained at these maximum values.

Additionally, noise levels expected to result from the construction of the Proposed Project would be comparable to those from any typical construction site in New York City involving construction of a new building with concrete slab floors and foundation. Potential disruptions to adjacent residences and schools resulting from elevated noise levels generated by construction would be expected to also be comparable to those that would occur adjacent to a typical New York City construction site during the limited portions of the construction period when the loudest activities would occur.

#### Residential Receptors on the South Side of State Street between 3rd and Flatbush Avenues

At residences located on the south side of State Street between 3rd and Flatbush Avenues— Receptors 26 and 28 through 32—the existing noise levels range from the low 60s to low 70s dBA depending on proximity to and shielding from Flatbush Avenue and height above-grade (i.e., floor of the building).

Construction of the proposed project is predicted to produce noise levels at these receptors in the low 60s to mid-70s dBA, resulting in noise level increases of up to approximately 13 dBA during the most noise-intensive stages of construction (i.e. concrete and crane operations) which have a duration of up to approximately 6 months during foundation work, 8 months during superstructure work, and 4 months of exterior construction activities for construction at the middle and eastern

portions of the site. The predicted noise level increases at these residential locations during the most intensive work would be noticeable and potentially intrusive. The remaining 53 months of construction would at times produce noise levels at these receptors up to the mid-70s dBA, resulting in noise level increases of up to approximately 10 dBA. These noise levels would be in the range considered typical for Downtown Brooklyn at locations along heavily trafficked avenues such as 3rd and Flatbush Avenues. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at these receptors would be in the "marginally unacceptable" range.

During the construction of the proposed project, the activity that would produce the highest noise levels at these receptors would be concrete operations during foundation and superstructure construction at the middle and eastern portions of the site, which would occur over the course of approximately 18 non-consecutive months. Consequently, the maximum noise levels would not persist throughout the construction period. Construction noise levels occurring during activities other than concrete operations during foundation and superstructure construction at the middle and eastern portions of the site would still result in exceedances of CEQR impact criteria at some times, including noise level increments up to approximately 10 dBA during demolition, and excavation construction operations (7 months), and up to 7 dBA during the remainder of the project construction on the middle and eastern portions of the site (7 months), but would be lower than the maximum levels during the superstructure construction at the middle and eastern portions of the site.

At receptors 26 and 28, the activity that would produce the highest noise levels during construction on the western portion of the site would be hoe ram operations during the overlap of demolition, excavation and foundation work (1 month), producing noise level increments up to approximately 8 dBA. Noise level increases during the remainder of construction at the western portion of the site (38 months) would remain below 6 dBA.

At receptors 29 and 30, the activity that would produce the highest noise levels during construction on the western portion of the site would be superstructure work (16 months), producing noise levels increments up to approximately 4 dBA. During the remainder of construction on the western portion of the site, noise level increments would remain below the impact criteria threshold of 3 dBA.

Noise level increments at receptors 31 and 32 during the entire construction period on the western portion of the site would not exceed the impact criteria threshold of 3 dBA.

Based on field observations, the residences on the south side of State Street appear to have insulated glass windows and an alternative means of ventilation (i.e., through-wall and through-window air conditioning units), which would be expected to provide approximately 25 dBA window/wall attenuation. Consequently, interior noise levels during construction in this area would be in the mid-40s to mid-50s dBA, up to approximately 9 dBA higher than the 45 dBA threshold recommended for residential use according to CEQR noise exposure guidelines. For residences that may not have an alternate means of ventilation (either because they do not have an air conditioning unit in each room, or because the observed through-wall air conditioner sleeve does not have any air condition would be expected to provide approximately 5 dBA attenuation. This level of attenuation would be expected to result in noise levels in the mid 60s to mid 70s dBA, up to approximately 29 dBA higher than the 45 dBA threshold recommended for residential use according to CEQR noise levels in the mid 60s to mid 70s dBA, up to approximately 29 dBA higher than the 45 dBA threshold recommended for residential use according to CEQR noise exposure guidelines. However, with an open window condition, existing noise levels at these locations would also be greater than the 45 dBA threshold recommended for residential use.

#### ECF 80 Flatbush Avenue

Based on the prediction of construction noise levels up to the mid-70s dBA with construction noise level increments up to approximately 13 dBA and a duration of CEQR impact criteria exceedances occurring over the course of approximately 2.5 years, construction noise associated with the proposed project at Receptors 26, and 28 through 32 would have the potential to result in a temporary significant adverse impact. These receptors are discussed further in Chapter 19 "Mitigation".

# *Residential and Community Facility Receptors across 3rd Avenue between Schermerhorn Street and Atlantic Avenue with Line of Sight to the Construction Site*

At residential receptors located across 3rd Avenue between Schermerhorn Street and Atlantic Avenue with line of sight to the construction site—Receptors 11, 12, and 25—the existing noise levels range from the low 60s to mid-70s dBA depending on proximity to and shielding from 3rd Avenue and height above-grade (i.e., floor of the building).

Construction of the proposed project is predicted to produce noise levels at these receptors in the low 60s to mid-70s dBA, resulting in noise level increases of up to approximately 11 dBA during the most noise-intensive stages of construction (i.e. excavator, concrete truck and crane operations), which have a duration of up to approximately 12 months during excavation, foundation, and exterior construction at western portion of the site. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at receptors 11, and 25 would be in the "marginally unacceptable" range and at receptor 12 would be in the "clearly unacceptable" range.

During the construction of the proposed project, the activities that would produce the highest noise levels at these receptors would be staging of trucks along 3rd Avenue during excavation and foundation construction and exterior work at the western portion of the site. These activities would occur for approximately 12 months. Consequently, the maximum noise levels would not persist throughout the construction period. Construction noise levels during activities other than excavator, concrete, or crane operations at the western portion of the site would at times still result in exceedances of CEQR impact criteria, including noise level increments up to approximately 8 dBA at receptor 12 and up to 6 dBA at receptors 11 and 25 during the remaining 27 months of construction at the western portion of the site. These noise levels would be in the range considered typical for Downtown Brooklyn at locations along heavily trafficked avenues such as 3rd Avenue.

Construction on the middle and eastern portions of the site would at times result in noise level increments of up to approximately 5 dBA for a total of 12 non-consecutive months as a result of excavator operation during excavation and crane operations during superstructure and exteriors work. During the remainder of construction on the middle and eastern portion of the site noise level increments would remain below the 3 dBA impact criteria threshold.

The residences and community facilities (i.e., Young Women's Christian Association [YWCA] receptor 25) on 3rd Avenue appear to have insulated glass windows and appear to have an alternative means of ventilation (i.e., through-wall and through-window air conditioning units), to maintain a closed window condition. Standard building construction would be expected to provide approximately 25 dBA window/wall attenuation. When the windows are closed, interior noise levels during construction at these receptors would be in the mid-40s to mid-50s dBA, up to approximately 10 dBA higher than the 45 dBA threshold recommended for residential and community facility use according to CEQR noise exposure guidelines. For residences that may not have an alternate means of ventilation (either because they do not have an air conditioning unit in each room, or because the observed through-wall air conditioner sleeve does not have any air conditioner unit in it) to allow for the maintenance of a closed-window condition, an open-window

condition would be expected to provide approximately 5 dBA attenuation. This level of attenuation would be expected to result in noise levels in the mid-60s to mid-70s dBA,up to approximately 29 dBA higher than the 45 dBA threshold recommended for residential use according to CEQR noise exposure guidelines. However, with an open window condition, existing noise levels at these locations would also be greater than the 45 dBA threshold recommended for residential use.

Based on the prediction of construction noise levels up to the mid-70s dBA with construction noise level increments up to approximately 11 dBA and a duration of maximum construction noise up to approximately 12 months with CEQR impact criteria exceedances occurring over the course of approximately 3 consecutive years, construction noise associated with the proposed project at Receptors 11, 12, and 25 would have the potential to result in a temporary significant adverse impact. These receptors are discussed further in Chapter 19, "Mitigation".

## Khalil Gibran International Academy

At the Khalil Gibran International Academy located immediately adjacent to the activities at the middle and eastern portions of the site—Receptor 73—the existing noise levels range from the low 60s to low 70s dBA depending on proximity to and shielding from Flatbush Avenue and 3rd Avenue.

Construction of the proposed project is predicted to produce noise levels at this receptor in the low 60s to mid-70s dBA, resulting in noise level increases of up to approximately 12 dBA during the most noise-intensive stages of construction at the middle and eastern portions of the site (i.e. chipping gun, excavator, hoe ram, concrete truck and delivery truck operations). While the predicted noise level increases at this location during the most noise-intensive work would be noticeable, total noise levels would be in the range considered typical for Downtown Brooklyn at locations along heavily trafficked avenues such as 3rd and Flatbush Avenues. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at this receptor would be in the "marginally unacceptable" range.

During the construction of the proposed project, the activities that would produce the highest noise levels at this receptor would be demolition, excavation, foundation superstructure, and exterior construction at the middle and eastern portions of the site, which would occur over the course of approximately 25 months. Consequently, the maximum noise levels would not persist throughout the construction period. For activities at the middle and eastern portions of the site, construction noise levels occurring during activities other than demolition, excavation, foundation, superstructure and exteriors work would still result in minor exceedances of CEQR impact criteria at some times, including noise level increments up to approximately 7 dBA for approximately 7 months during interiors work, but would be lower than the maximum levels during demolition, excavation, foundation, superstructure and exteriors construction. Predicted construction noise levels would not exceed *CEQR Technical Manual* noise impact criteria at this receptor for the remainder of the construction period.

Standard building construction would be expected to provide approximately 25 dBA window/wall attenuation. With such construction and alternate means of ventilation to maintain a closed-window condition, interior noise levels at the school during construction would be less than 45 dBA (i.e., during those times when noise levels are less than 75 dBA as shown in the full construction noise analysis results in **Appendix D**), which is considered acceptable for classroom uses according to CEQR noise exposure guidance. During the limited periods that interior noise levels at the school would exceed the acceptable threshold for classroom use, noise levels would be in the mid-40s to mid-50s dBA, up to approximately 10 dBA higher than the 45 dBA threshold

recommended for classroom use according to CEQR noise exposure guidelines or 5 dBA higher than the recommended 50 dBA threshold for office, laboratory, or administrative uses.

Based on the prediction of construction noise levels up to the mid-70s dBA with construction noise level increments up to approximately 12 dBA over the course of approximately 25 months with CEQR impact criteria exceedances occurring over the course of approximately 2 years, construction noise associated with the proposed project at Receptor 73 would have the potential to result in a temporary significant adverse impact. These receptors are discussed further in Chapter 19, "Mitigation".

#### Residential Receptors on the East Side of 3rd Avenue between State Street and Atlantic Avenue

At residential receptors located on the east side of 3rd Avenue between State Street and Atlantic Avenue—Receptor 27—the existing noise levels range from the low 60s to low-70s dBA depending on height above-grade (i.e., floor of the building) and shielding from Third and Atlantic Avenues.

Construction of the proposed project is predicted to produce noise levels at these receptors in the low 60s to low70s dBA, resulting in noise level increases of up to approximately 6 dBA during the most noise-intensive stages of construction (i.e. crane operation, peak truck activity) which have a duration of up to approximately 10 months during superstructure, exterior façade, and interior construction activities at the middle and eastern portions of the site. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at these receptors would be in the "marginally unacceptable" range.

During the construction of the proposed project, the activities that would produce the highest noise levels at these receptors would be crane operation and truck activity during superstructure, exterior façade and interior construction activities at the middle and eastern portions of the site. These activities would occur for approximately 10 months. Consequently, the maximum noise levels would not persist throughout the construction period. Construction noise levels during activities other than superstructure, exterior façade, and interior construction at the middle and eastern portions of the site would not result in exceedances of CEQR impact criteria at this receptor.

Based on the prediction of construction noise levels up to the mid-70s dBA with construction noise level increments up to approximately 6 dBA and a duration of maximum construction noise up to approximately 10 months, construction noise associated with the proposed project at Receptor 27 would have the potential to result in a temporary significant adverse impact. This receptor is discussed further in Chapter 19, "Mitigation".

#### Residential Receptors on the South and East Lots of Block 180

At residential receptors located on the west, south and east lots on Block 180—Receptors 33 through 38—the existing noise levels range from the low 60s to mid-70s dBA depending on proximity to and shielding from Flatbush Avenue and height above-grade (i.e., floor of the building).

Construction of the proposed project is predicted to produce noise levels at these receptors in the low 60s to mid-70s dBA, resulting in noise level increases of up to approximately 7 dBA during the most noise-intensive stages of construction (i.e. hoe ram, chipping gun, concrete truck, and crane operations) which have a duration of up to approximately 10 months during hoe ram excavation operations, superstructure and exterior construction activities at the middle and eastern portions of the site and for approximately 10 months during superstructure work during construction. While the predicted noise level increases at these locations during the most noise-intensive work would be noticeable, total noise levels would be in the range considered typical for Downtown Brooklyn at locations along heavily trafficked avenues such as 3rd and Flatbush

Avenues. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at these receptors would be in the "marginally unacceptable" range.

During the construction of the proposed project, the activities that would produce the highest noise levels at these receptors would be operation of concrete mixer trucks and cranes during superstructure and exteriors construction at the middle and eastern portions of the site. These activities would occur for approximately 10 months. Consequently, the maximum noise levels would not persist throughout the construction period. Construction noise levels during activities other than superstructure construction would still result in minor exceedances of CEQR impact criteria at some times, including noise level increments up to approximately 4 dBA during the remaining 10 months of hoe ram and break ram work at the middle and eastern portions of the site, but would be lower than the maximum levels during superstructure construction at the middle and eastern portions of the site. Predicted construction noise levels would not exceed *CEQR Technical Manual* noise impact criteria at this receptor for the remaining construction period. Furthermore, construction noise associated with the proposed project would typically occur during daytime hours when residences are less sensitive to noise.

Based on the prediction of construction noise levels up to the mid-70s dBA with construction noise level increments up to approximately 7 dBA and a duration of maximum construction noise up to approximately 10 months, noise level increments up to approximately 4 dBA for up to 10 additional months and no impact criteria exceedances for the remainder of the construction period, construction noise associated with the proposed project at the residential receptors located on the west, south, and east lots on Block 180 (i.e., receptors 33 through 38) would not have the potential to result in a significant adverse construction noise impact.

#### Recovery House of Worship

At the Recovery House of Worship at 360 Schermerhorn Street—receptor 4—the existing noise levels range from the low 60s to mid-70s dBA depending on proximity to and shielding from 3rd Avenue and height above-grade (i.e., floor of the building).

Construction of the proposed project is predicted to produce noise levels at this receptor in the low 60s to low 70s dBA, resulting in noise level increases of up to approximately 4 dBA during truck deliveries which would last up to approximately 1 month during the overlap of demolition, excavation and foundation work and for up to 16 months during superstructure work on the western portion of the site. While the predicted noise level increases at this location during work would be noticeable, total noise levels would be in the range considered typical for Downtown Brooklyn at locations along heavily trafficked avenues such as Flatbush Avenue. In addition, throughout construction at the western portion of the project site, the construction fence would effectively shield this receptor from construction noise. Construction noise levels during activities other than truck deliveries would not exceed CEQR impact criteria over the course of the remaining 53 months of construction. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at these receptors would be in the "marginally unacceptable" range.

Based on the maximum noise level increases of up to 4 dBA occurring for up to 17 nonconsecutive months, construction noise associated with the proposed project at the Recovery House of Worship located at 360 Schermerhorn Street (i.e., receptor 4) would not have the potential to result in a significant adverse impact.

#### ECF 80 Flatbush Avenue

# Residential Receptors on the Northeast side of Flatbush Avenue between Hanson Place and Fulton Street

At residential receptors located on the northeast side of Flatbush Avenue between Hanson Place and Fulton Street —Receptors 52, 53, 54, 60, 64, and 65—the existing noise levels range from the low 60s to mid-70s dBA depending on proximity to and shielding from Flatbush Avenue and height above-grade (i.e., floor of the building).

Construction of the proposed project is predicted to produce noise levels at these receptors in the low 60s to mid-70s dBA, resulting in noise level increases of up to approximately 7 dBA during the most noise-intensive stages of construction (i.e. excavators, chipping guns, concrete truck and crane operations) which have a duration of up to approximately 25 months during excavation, foundation, superstructure and exteriors activities at the middle and eastern portions of the site and 1 month during hoe-ram excavation at the western portion of the site. While the predicted noise level increases at these locations during the most noise-intensive work would be noticeable, total noise levels would be in the range considered typical for Downtown Brooklyn at locations along heavily trafficked avenues such as Flatbush Avenue. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at these receptors would be in the "marginally unacceptable" range.

During the construction of the proposed project, the activities that would produce the highest noise levels at these receptors would be operation of hoe ram, break ram and chipping gun operations, which would occur for approximately 10 months during excavation and foundation work. Consequently, the maximum noise levels would not persist throughout the construction period. Construction noise levels during activities other than excavation and foundation construction would still result in minor exceedances of CEQR impact criteria at some times, including noise level increments up to approximately 6 dBA during 6 months of superstructure construction at the middle and eastern portions of the site and hoe-ram excavation and foundation construction at the middle and eastern portions of the site. Predicted construction noise levels would not exceed *CEQR Technical Manual* noise impact criteria at this receptor for the remainder of the construction period. Furthermore, construction noise associated with the proposed project would typically occur during daytime hours when residences are less sensitive to noise.

The 2004 Downtown Brooklyn Development Final Environmental Impact Statement (FEIS) established an (E) designation (E-124), which requires new constructions in this area provide a minimum of 35 dBA window/wall attenuation and an alternate means of ventilation for the maintenance of a closed-window condition. With these measures interior noise levels inside buildings constructed since 2004 (i.e. Receptors 52 and 60) are predicted to be less than the 45 dBA threshold recommended for residential use according to CEQR noise exposure guidelines.

Buildings constructed prior to the 2004 rezoning (i.e. receptors 53, 54, 64 and 65) appear to include standard façade construction which is expected to provide at least approximately 25 dBA window/wall attenuation. With such construction and alternate means of ventilation to maintain a closed-window condition, interior noise levels at the school during construction would be less than 45 dBA (i.e., during those times when noise levels are less than 70 dBA as shown in the full construction noise analysis results in **Appendix D**), which is considered acceptable for residential use according to CEQR noise exposure guidelines. During the limited periods that interior noise levels at these residences would exceed the acceptable threshold for residential use, noise levels would be in the mid-40s to low 50s dBA, up to approximately 5 dBA higher than the 45 dBA threshold recommended for residential use according to CEQR noise exposure guidelines.

Based on the prediction of construction noise levels up to the mid-70s dBA with construction noise level increments up to approximately 7 dBA and a duration of maximum construction noise up to approximately 10 months, noise level increments up to approximately 6 dBA for up to 7 additional non-consecutive months and no impact criteria exceedances for the remainder of the construction period, construction noise associated with the proposed project at the residential receptors located on the northeast side of Flatbush Avenue between Hanson Place and Fulton Street (i.e., receptors 52, 53, 54, 60, 64, and 65) would not have the potential to result in a significant adverse impact.

#### Receptors West of 3rd Avenue between Livingston Street and Schermerhorn Street

At residential receptors west of 3rd Avenue between Living Street and Schermerhorn Street ---receptors 1 and 2—the existing noise levels range from the low 60s to low 70s dBA depending on proximity to and shielding from Flatbush Avenue and height above-grade (i.e., floor of the building).

Construction of the proposed project is predicted to produce noise levels at these receptors in the low 60s to low 70s dBA, resulting in noise level increases of up to approximately 4 dBA during hoe-ram excavation at the western portion of the site, which would last up to approximately 1 month and during truck deliveries during superstructure and exteriors work at the middle and eastern portion of the site which would last up to 10 months. While the predicted noise level increases at these locations during work would be noticeable, total noise levels would be in the range considered typical for Downtown Brooklyn at locations along heavily trafficked avenues such as Flatbush Avenue. Construction noise levels during activities other than excavator, break ram, and delivery operations would not exceed CEQR impact criteria over the course of the remaining 60 months of construction. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels at these receptors would be in the "marginally unacceptable" range.

Block 167 Lot 13 - 333 Schermerhorn Street (i.e. receptor 1) - was identified as a projected development in the 2004 Downtown Brooklyn Development FEIS and was assigned an (E) designation (E-124) for window/wall attenuation, which requires a minimum of 28 dBA window/wall attenuation and an alternate means of ventilation for the maintenance of a closed-window condition. With these measures interior noise levels inside this building are predicted to be less than the 45 dBA threshold recommended for residential use according to CEQR noise exposure guidelines.

Based on field observations, 358 Schermerhorn Street (i.e. receptor 2) appears to have fixed insulated windows and alternate means of alternate ventilation. Buildings with this construction would be expected to provide approximately 25 dBA window/wall attenuation. With these measures interior noise levels inside this building are predicted to be less than the 45 dBA threshold recommended for residential use according to CEQR noise exposure guidelines.

Based on the magnitude of noise level increases, interior noise levels being in the acceptable range according to CEQR noise exposure guidelines, as well as the limited duration of construction noise, construction noise associated with the proposed project at 333 and 358 Schermerhorn Street (i.e., receptor 1 and 2) would not have the potential to result in a significant adverse impact.

#### Residential, Open Space and Community Facility Receptors East of Flatbush Avenue

At residential and community facility receptors east of Flatbush Avenue—Receptors 55 through 59, 61 through 63, 66 through 72 and 84—the existing noise levels range from the low 60s to mid-

70s dBA depending on proximity to and shielding from Flatbush Avenue and height above-grade (i.e., floor of the building).

Construction of the proposed project is predicted to produce noise levels at Receptors 55 through 59, 61, through 63, 66 through 72 and 84 less than the CEQR noise impact criteria and would therefore not rise to the level of significant adverse impact.

#### Mid-Block Receptors on the North Side of State Street between Nevins Street and 3rd Avenue

At mid-block receptors on the north side of State Street between Nevins Street and 3rd Avenue, represented by 457 State Street-Receptor 10-the existing noise levels are in the low 60s dBA. Construction of the proposed project is predicted to produce noise levels at these receptors in the low to high 60s dBA, resulting in noise level increases of up to approximately 6 dBA during truck deliveries in the 1 month overlap of demolition, excavation and foundation work and 5 months of foundation work at the western portion of the site, and up to 4 dBA during demolition, superstructure and exteriors work at the western portion of the site. According to CEQR Technical Manual noise exposure criteria, maximum construction noise levels during the 1 month overlap of demolition, excavation and foundation work at these receptors would be in the "marginally unacceptable" range. During the remaining 70 months of construction, maximum construction noise levels would be in the "marginally acceptable" category according to CEQR noise exposure guidance. Since construction of the proposed project is predicted to produce noise levels at midblock receptors on the north side of State Street between Nevins Street and 3rd Avenue above CEQR Technical Manual noise exposure guidelines for 1 month, and would remain in the "marginally acceptable" category for the majority of the project, noise related to construction of the proposed project would not rise to the level of significant adverse impact.

#### Mid-Block Receptors on the South Side of State Street between Nevins Street and 3rd Avenue

At mid-block receptors on the south side of State Street between Nevins Street and 3rd Avenue— Receptors 16, 17, 18, and 19—the existing noise levels are in the low 60s dBA. Construction of the proposed project is predicted to produce noise levels at these receptors in the low to mid 60s dBA, resulting in noise level increases of up to approximately 4 dBA during truck deliveries during superstructure and exteriors work at the middle and eastern portion of the site which would last up to 10 months. Maximum construction noise levels would be in the "marginally acceptable" category according to CEQR noise exposure guidance and would not rise to the level of significant adverse impact.

#### Mid-Block Receptors on the South Side of Atlantic Avenue between 3rd and 4th Avenues

At mid-block receptors on the south side of Atlantic Avenue between 3rd Avenue and 4th Avenue, represented by 540 Atlantic Avenue—Receptor 46—the existing noise levels are in the low 60s to mid-70s dBA. Construction of the proposed project is predicted to produce noise levels at these receptors in the low 60s to mid-70s dBA, resulting in noise level increases of up to approximately 4 dBA during concrete operations during superstructure at the middle and eastern portion of the site which would last up to 8 months. According to *CEQR Technical Manual* noise exposure criteria, maximum construction noise levels during the 8 months of concrete operations during superstructure work at these receptors would be in the "marginally unacceptable" range. During the remaining 65 months of construction, maximum construction noise level increases would remain less than 3 dBA, which is less than CEQR noise impact criteria. Since construction of the proposed project is predicted to produce noise levels at mid-block receptors on the south side of Atlantic Avenue between 3rd Avenue and 4th Avenue above *CEQR Technical Manual* noise

exposure guidelines for 8 months, and noise level increments resulting from construction would remain below the 3 dBA CEQR noise impact criteria, noise related to construction of the proposed project would not rise to the level of significant adverse impact.

#### Other Residential, Open Space, and Community Facility Receptors West of Flatbush Avenue

At other residential, open space and community facility receptors west of Flatbush Avenue— Receptors 3, 5 through 9, 13 through 15, 20 through 24, 39 through 45, 47 through 51 and 85 the existing noise levels are in the low 60s to mid-70s dBA. Construction of the proposed project is predicted to produce noise levels at these receptors less than 3 dBA, which is less than CEQR noise impact criteria and would therefore not rise to the level of significant adverse impact.

#### Replacement High School and Lower School and Mixed-Use Tower

The proposed replacement high school and new lower school and mixed-use tower would be completed and occupied during approximately 3 years of construction at the western portion of the site. During that time, construction noise would result primarily from truck staging and on-site work.

At the proposed replacement schools, the facades that have windows would all face away from construction that would occur while the schools would be occupied. Construction of the proposed project is predicted to produce noise levels at these in the mid-60s to low 70s dBA. Based on the minimum 28 to 37 dBA window/wall attenuation specified for the proposed relocated schools' façades (see Table 14-10 in Chapter 14, "Noise"), interior noise levels in the schools throughout the construction period are predicted to be less than 45 dBA  $L_{10}$ , which would be considered acceptable for classroom uses according to CEQR noise exposure guidance. The proposed replacement high school's west-facing facade would have a direct line of sight to construction, and construction of the proposed project is predicted to produce noise levels at this facade up to the mid-80s dBA during the most noise-intensive construction activities on the western portion of the project block. However, since this facade will consist of a solid exterior wall, which would be expected to provide at least 40 dBA noise attenuation, interior noise levels at school uses along this façade are also predicted to be less than 45 dBA L<sub>10</sub>, which would be considered acceptable for classroom uses according to CEOR noise exposure guidance. Consequently, construction of the proposed project would not have the potential to result in unacceptable noise exposure at the proposed replacement schools at any time during the construction period.

At the proposed mixed-use tower on the eastern portion of the project block, construction of the proposed project is predicted to produce noise levels at these in the mid-60s to low 70s dBA. Based on the 28 to 37 dBA window/wall attenuation specified for the this building's façades (see Table 14-10 in Chapter 14, "Noise"), interior noise levels at the mixed-use tower throughout the construction period are predicted to be less than 45 dBA  $L_{10}$ , which would be considered acceptable for residential uses according to CEQR noise exposure guidance. Consequently, construction of the proposed project would not have the potential to result in unacceptable noise exposure at the proposed mixed-use tower on the eastern portion of the project block at any time during the construction period.

No other buildings associated with the proposed project would be completed and occupied during construction associated with the project, including the proposed cultural and retail uses in the repurposed Khalil Gibran International Academy building or the mixed use tower at the western portion of the project block. Consequently, construction of the project would not have the potential to result in unacceptable levels of construction noise at any newly introduced noise receptors associated with the proposed project.

#### CONCLUSIONS

The detailed modeling analysis concluded that construction of the proposed project has the potential to result in construction noise levels that exceed *CEQR Technical Manual* noise impact criteria for an extended period of time at residences on the south side of State Street across from the construction site, along 3rd Avenue between Schermerhorn Street and Atlantic Avenue across from activities at the western portion of the site and at the Khalil Gibran International Academy.

The affected residences on State Street would experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 13 dBA compared with existing levels, for up to approximately 18 non-consecutive months during construction at the middle and eastern portions of the site. During the remainder of the construction period, the affected residences on State Street would experience exterior noise levels in the mid-70s dBA which represent increases in noise level up to approximately 10 dBA. The affected residences on the west side of 3rd Avenue would experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 11 dBA compared with existing levels, for up to approximately 12 months during construction at the western portion of the site. During the remainder of the construction period, the affected residences on the west side of 3rd Avenue would experience exterior noise levels in the mid-70s dBA which represent increases in noise level up to approximately 8 dBA. The affected residences on the east side of 3rd Avenue would experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 6 dBA compared with existing levels, for up to approximately 10 months during construction at the middle and eastern portion of the site. The Khalil Gibran International Academy would experience exterior noise levels in the mid-70s dBA, resulting increases in noise level up to approximately 12 dBA compared to existing levels for up to approximately 25 months during construction at the middle and eastern portions of the site.

Construction noise levels of this magnitude for such an extended duration would constitute a temporary significant adverse impact. Field observations determined that some of these buildings have insulated glass windows and alternate means of ventilation (i.e., air conditioning). Even with these measures, buildings with these constructions would be expected to experience interior  $L_{10(1)}$  values greater than the 45 dBA guideline recommended for residential, community and house of worship spaces according to CEQR noise exposure guidelines. Older buildings that do not include insulated windows and alternate means of ventilation would be expected experience higher interior noise levels.

The conceptual construction schedule and plans on which the construction analysis was based assumed that School Buildings 1 and 2 on the project block would remain in place and be adaptively re-used. However, the maximum zoning envelope would allow for partial demolition of School Building 1 on 3rd Avenue at State Street and complete demolition of School Building 2 on 3rd Avenue at Schermerhorn Street along with a slightly larger footprint for the proposed buildings on the western portion of the project block. If such demolition were to occur, it would result in minor changes to the placement/location of construction equipment and the duration of construction equipment projected to be operating on the project site and the duration over which it would be operating, the logistics and schedule changes would not result in substantial changes to magnitude and/or duration of projected construction noise, and there would be no change in the conclusions of the construction noise analysis. At other receptors near the project site, including open space, residential, and community facility receptors, noise resulting from construction of the proposed project may at times be noticeable, but would be temporary and would generally not

exceed typical noise levels in the general area and therefore would not rise to the level of a significant adverse noise impact.

#### VIBRATION

#### INTRODUCTION

Construction activities have the potential to result in vibration levels that may result in structural or architectural damage, and/or annoyance or interference with vibration-sensitive activities. Vibratory levels at a receiver are a function of the source strength (which is dependent upon the construction equipment and methods utilized), the distance between the equipment and the receiver, the characteristics of the transmitting medium, and the receiver building construction. Construction equipment operation causes ground vibrations, which spread through the ground and decrease in strength with distance. Vehicular traffic, even in locations close to major roadways, typically does not result in perceptible vibration levels unless there are discontinuities in the roadway surface. With the exception of the case of fragile and possibly historically significant structures or buildings, construction activities generally do not reach the levels that can cause architectural or structural damage, but can achieve levels that may be perceptible and annoying in buildings very close to a construction site. An assessment has been prepared to quantify potential vibration impacts of construction activities on structures and residences near the project site.

#### CONSTRUCTION VIBRATION CRITERIA

For purposes of assessing potential structural or architectural damage at historic buildings, the determination of a significant impact is typically based on the vibration impact criterion used by LPC of a peak particle velocity (PPV) of 0.50 inches/second as specified in the DOB TPPN #10/88. For non-fragile buildings, vibration levels below 0.60 inches/second would not be expected to result in any structural or architectural damage.

For purposes of evaluating potential annoyance or interference with vibration-sensitive activities, vibration levels greater than 65 vibration decibels (VdB) would have the potential to result in significant adverse impacts if they were to occur for a prolonged period of time.

#### VIBRATION ANALYSIS

Potential structural or architectural damage is determined using the following formula:

PPVequip = PPVref x (25/D)1.5

where:

 $PPV_{equip}$  is the peak particle velocity in inches/second of the equipment at the receiver location;

PPV<sub>ref</sub> is the reference vibration level in in/sec at 25 feet; and

D is the distance from the equipment to the received location in feet.

Potential annoyance or interference with vibration-sensitive activities is assessed using the following formula:

 $L_v(D) = L_v(ref) - 30log(D/25) \label{eq:Lv}$ 

where:

 $L_v(D)$  is the vibration level in VdB of the equipment at the receiver location;

L<sub>v</sub>(ref) is the reference vibration level in VdB at 25 feet; and

D is the distance from the equipment to the receiver location in feet.

 Table 16-10 shows vibration source levels for typical construction equipment.

Vibration Source Levels for Construction Equipment						
Equipme	nt	PPV <sub>ref</sub> (in/sec)	Approximate L <sub>v</sub> (ref) (VdB)			
Dile driver (impost)	Upper range	1.518	112			
Plie driver (impact)	Typical	0.644	104			
Hydromill (clurry wall)	In soil	0.008	66			
Hyuronnin (Siurry waii)	In rock	0.017	75			
Clam shovel drop (slurry wall)		0.202	94			
Vibratory roller		0.210	94			
Hydraulic break ram		0.089	87			
Large bulldozer		0.089	87			
Caisson drilling		0.089	87			
Loaded trucks		0.076	86			
Jackhammer		0.035	79			
Small bulldozer		0.003	58			
Source: Transit Noise and Vibration Impact Assessment, FTA-VA-90-1003-06, May 2006.						

					1 aute	10-10
Vibration	Source	Levels f	for Co	onstruction	Equir	omen

Table 16-10

#### Construction Vibration Analysis Results

The buildings of most concern with regard to the potential for structural or architectural damage due to vibration are historic buildings and structures within the project site (i.e. former P.S. 15 at 362 Schermerhorn Street) and within the study area (i.e. the Baptist Temple at 360 Schermerhorn Street, 522-550 State Street, the Williamsburgh Saving Bank building at 1 Hanson Place, the Atlantic Avenue Control House, Brooklyn Academy of Music [BAM], and other buildings and structures within the BAM and Fort Greene Historic Districts). Historic structures located within 90 feet of the project site would require vibration monitoring per DOB's *Technical Policy and Procedure Notices (TPPN) #10/88* regulations, and PPV during construction would be prohibited from exceeding the 0.50 inches/second threshold (See Chapter 7, "Historic and Cultural Resources"). Consequently, consistent with the CPP requirements, vibration monitoring would be conducted at P.S 15, the Baptist Temple and the residences at 522-550 State Street throughout subsurface construction on the project site.

The piece of equipment that would be used in the proposed project that would have the most potential for producing levels that exceed the 0.6 in/sec PPV acceptable vibration level threshold for non-historic buildings and other structures immediately adjacent to the project site would be the hydraulic break ram (i.e., construction of the proposed project is not expected to include impact pile driving). According to **Table 16-10**, hydraulic break rams are expected to provide maximum vibration levels of about 0.089 in/sec PPV at the reference distance of 25 feet. Non-historic buildings and other structures bordering the project site are greater than 25 feet away from the project site boundaries. Therefore, PPV vibration levels from project construction activities are not expected to exceed the 0.6 in/sec threshold for non-historic buildings and structures.

The piece of equipment that would be used in the proposed project that would have the most potential for producing levels that exceed the 65 VdB threshold for perceptibility would also be

the hydraulic break ram. Vibration resulting from operation of the hydraulic break ram would be perceptible at receptors within approximately 135 feet of the hydraulic break ram operating locations. However, break ram activities would only occur for a limited period of time at any particular location, and therefore would not result in extended periods of perceptible or annoying vibration that would constitute a significant adverse impact.

## CONSTRUCTION VIBRATION ANALYSIS CONCLUSION

Historic buildings located within 90 feet of the construction work areas, as appropriate, would incorporate vibration monitoring, and PPV during construction would not be permitted to exceed the 0.50 inches/second threshold. Vibration-producing equipment would not operate in proximity to non-historic structures that could potentially result in damage to these structures. Furthermore, construction of the proposed project would not result in extended periods of perceptible or annoying vibration at surrounding receptors. Therefore, construction of the proposed project would not have the potential to result in significant adverse vibration impacts.

## OTHER TECHNICAL AREAS

# LAND USE AND NEIGHBORHOOD CHARACTER

According to the *CEQR Technical Manual*, a construction impact analysis for land use and neighborhood character is typically needed if construction would require continuous use of property for an extended duration, thereby having the potential to affect the nature of the land use and character of the neighborhood.

#### Land Use

Construction activities would affect land use on the project site, but would not affect land use conditions and patterns outside of this area. As is typical with construction projects, during periods of peak activity there would be some temporary effects to the nearby areas. There would be construction trucks and construction workers coming to the project site as well as trucks and other vehicles backing up, loading, and unloading. These activities would be temporary in nature and would have limited effects on land uses near the project site, particularly as most construction activities would take place within the project site or within portions of sidewalks and streets immediately adjacent to the project site. Overall, the temporary and localized nature of construction would not result in any significant adverse impacts on local land use patterns of the nearby area.

#### Neighborhood Character

Construction activities would adhere to the provisions of the New York City Building Code and other applicable regulations. In addition, throughout the construction period, measures would be implemented to control noise, vibration, and air emissions including dust. Fencing would be erected to reduce potentially undesirable views of construction areas, to buffer noise emitted from construction activities, and to protect the safety of pedestrians during construction. Access to surrounding residences and businesses would be maintained throughout the duration of the construction period. Overall, construction of the proposed project is not expected to result in significant adverse neighborhood character impacts in neighborhoods surrounding the project site.

However, temporary adverse effects relating to increased traffic, noise, and views of construction activity would occur in the immediate vicinity of the project site. During construction, the project

#### ECF 80 Flatbush Avenue

site and the immediately surrounding area would be subject to added traffic from construction trucks and worker vehicles and partial sidewalk and lane closures; in particular, construction traffic and noise would temporarily change the character of State Street to the south of the project site. In addition, staging activities, temporary sidewalks, construction fencing, and construction equipment and building superstructure would be visible to pedestrians in the immediate vicinity of the project site. The effects would be localized, confined largely to streets surrounding the project site, but no immediate area would experience the effects of the proposed project's construction activities for the full project construction duration. MPT plans would be developed for any temporary sidewalk, lane, and/or street closures and early implementation of traffic mitigation measures as described above under "Transportation" would ameliorate traffic issues. In addition, measures to control noise, vibration, and dust on construction sites, including the erection of construction fencing which would reduce views of construction sites and buffer noise emitted from construction activities. As described in details above under "Noise," the detailed modeling analysis concluded that construction of the proposed project has the potential to result in construction noise levels that exceed the CEQR Technical Manual noise impact criteria for an extended period of time at residences immediately across State Street south of the project site, the Khalil Gibran International Academy, and residences across 3rd Avenue from the project site. However, these impacts are temporary and limited to a few areas within the community, and the construction noise levels would vary depending on the portion of the site being developed and the intensity of construction. Furthermore, to minimize the effects of noise during construction, construction of the proposed project would not only include noise control measures as required by the New York City Noise Control Code but would include additional measures such as the use of a 8-foot high with an additional 4-foot cantilever plywood fence on State Street with insulation blankets, a noise curtain, or other suitable noise control mounted on the inside of the fence during excavation and foundation stages of construction. Therefore, although there is the potential for adverse effects during construction, these effects would be temporary and localized and would not result in significant impacts to neighborhood character.

# SOCIOECONOMIC CONDITIONS

According to the *CEQR Technical Manual*, construction impacts to socioeconomic conditions are possible if the proposed project would entail construction of a long duration that could affect access to and thereby viability of a number of businesses, and if the failure of those businesses has the potential to affect neighborhood character. Construction of the proposed project would not affect the operations of any nearby businesses or obstruct major thoroughfares used by customers or businesses. Construction would create direct benefits resulting from expenditures on labor, materials, and services, and indirect benefits created by expenditures by material suppliers, construction workers, and other employees involved in the construction activities. Construction also would contribute to increased tax revenues for the City and state, including those from personal income taxes and sales tax on construction materials. Construction activities associated with the proposed project would not result in any significant adverse impacts on socioeconomic conditions.

# **COMMUNITY FACILITIES**

According to the *CEQR Technical Manual*, construction impacts to community facilities are possible if a community facility were directly affected by construction (e.g., if construction would disrupt services provided at the facility or close the facility temporarily, etc.). As discussed above, the proposed project would include the development of a structure at the center of the site for the replacement high school and new lower school. The proposed project would be constructed on the

middle and eastern portions of the site while the existing Khalil Gibran International Academy school buildings remain operational on the western side of the project site.

Construction workers would not place any burden on public schools and would have minimal, if any, demands on libraries, child care facilities, and health care in the rezoning area. Construction of the proposed project would not block or restrict access to any facilities in the area, and would not materially affect emergency response times. The New York City Police Department (NYPD) and FDNY emergency services and response time would not be materially affected as a result of the geographic distribution of the police and fire facilities and their respective coverage areas. Therefore, construction activities associated with the proposed project would not result in any significant adverse impacts on community facilities.

# OPEN SPACE

According to the *CEQR Technical Manual*, construction impacts to open space are possible if the open space is taken out of service for a period of time during the construction process. As described in Chapter 5, "Open Space," there are no publicly owned open spaces on the project site. While construction of the proposed project may cause temporary disruptions to the nearby open spaces, it is expected that such disruptions in any given area would be temporary and would not be ongoing for the full duration of the construction period. Measures would be implemented to control air emissions, dust, noise, and vibration on the project site during construction. Therefore, no significant construction impacts are anticipated on open space.

# HISTORIC AND CULTURAL RESOURCES

A detailed assessment of potential impacts on historic and cultural resources is described in Chapter 7, "Historic and Cultural Resources." The proposed project would not adversely impact archaeological resources, as LPC has determined that the project site does not possess archaeological sensitivity.

The two largest and most visually distinctive elements of the school building on the project site the original school structure at the southwest corner of the block, and the ca. 1898 school element fronting on Schermerhorn Street-would be retained and adaptively reused in the proposed development. The original school structure at the southwestern corner of the project site would be adaptively reused as retail space, and the school addition at the northwestern corner of the site would be adaptively reused as cultural community space. While the proposed project would entail the demolition of the townhouse that was subsequently added to the school, and the connecting element along 3rd Avenue, it would result in the renovation and adaptive reuse of the two most significant elements of this resource: the original P.S. 15 building, and the ca. 1898 addition fronting on Schermerhorn Street. The original P.S. 15 building would be restored to its original appearance as a stand-alone structure, and the new building separating to the two elements would allow for the Schermerhorn Street structure to also be viewed as a stand-alone structure. The townhouse was added to the school ca 1898 but was not created or designed specifically for school use, and the connecting structure along 3rd Avenue matches the design of the original school but lacks its more prominent details. The design for the proposed project was developed with the benefit of numerous consultations with the LPC Chair and LPC staff throughout 2016 and 2017.

To avoid inadvertent demolition and/or construction-related damage to these resources from ground-borne construction period vibrations, falling debris, collapse, etc.— the historic buildings to be retained on the project site would be included in a CPP for historic structures that would be prepared in coordination with LPC and implemented in consultation with a licensed professional

engineer. The CPP would be prepared as set forth in Section 523 of the *CEQR Technical Manual* and in compliance with the procedures included in the DOB's TPPN #10/88 and LPC's *Guidelines* for Construction Adjacent to a Historic Landmark and Protection Programs for Landmark Buildings. Provisions of the 2014 New York City Building Code also provide protection measures for all properties against accidental damage from adjacent construction by requiring that all buildings, lots, and service facilities adjacent to foundation and earthwork areas be protected and supported. Further, Building Code Chapter 3309.4.4 requires that "historic structures that are contiguous to or within a lateral distance of 90 feet...from the edge of the lot where an excavation is occurring" be monitored during the course of excavation work. The CPP would be prepared and implemented prior to demolition and construction activities on the project site and project-related demolition and construction activities would be monitored as specified in the CPP.

Further, the Baptist Temple on the west side of 3rd Avenue, and the buildings on the south side of State Street (522-550 State Street), are located within 90 feet from the project site. Therefore, to avoid inadvertent demolition and/or construction-related damage to these resources from ground-borne construction period vibrations, falling debris, collapse, etc., these buildings would be included in the CPP for historic structures that would be prepared in coordination with LPC. The CPP would be required through the development agreement between ECF and 80 Flatbush Avenue, LLC.

Therefore, the proposed project would not have any significant adverse impacts on historic and cultural resources with the preparation and implementation of a CPP.

#### HAZARDOUS MATERIALS

A detailed assessment of potential impacts on hazardous materials as described in Chapter 9, "Hazardous Materials."

The proposed project would modify and adaptively reuse the two existing buildings on Lot 1. Given the age of these structures, it is possible that they could include (typical of older buildings) ACM, LBP, and PCBs. There are a variety of federal, state, and local regulatory requirements addressing activities that would disturb or dispose of these materials. Similarly, the existing buildings on the remainder of the project site, which would be demolished, would have to address similar requirements including:

- Prior to demolition or renovation, existing buildings (or portions planned for disturbance) would be surveyed for asbestos by a New York City-certified asbestos investigator and all ACM would be removed and disposed of prior to demolition (or renovation) in accordance with local, state, and federal requirements.
- Demolition or renovation activities with the potential to disturb LBP would be performed in accordance with applicable requirements (including federal OSHA regulation 29 CFR 1926.62–Lead Exposure in Construction).
- Unless there is labeling or test data indicating that any suspect PCB-containing electrical equipment and fluorescent lighting fixtures do not contain PCBs, and that any fluorescent lighting bulbs do not contain mercury, disposal would be conducted in accordance with applicable federal, state, and local requirements.

Construction of new buildings would require extensive excavation. Although this could increase pathways for human exposure, impacts would be avoided by performing the project in accordance with the following:

- The existing (E) Designation on Lots 9, 13, 18, 23, and 24 imposes pre- and post-construction requirements overseen by OER. Specifically, in addition to the Phase I Environmental Site Assessments (ESAs), the applicant would be required to submit to OER for approval a Phase II (Subsurface) Investigation Work Plan, consisting of proposed soil, groundwater, and soil vapor sampling locations, depths, analytical parameters, etc. Following implementation of this work plan, a report would be prepared for OER and, based on the Phase II Investigation, a RAWP and associated CHASP would be prepared for implementation during the subsurface disturbance associated with the proposed project. The RAWP and CHASP would address requirements for items such as: soil management, dust control, and contingency measures should underground storage tanks (UST) or soil contamination be encountered. The RAWP also would include any necessary requirements for vapor controls to avoid the potential for soil vapor intrusion into the new structures. The RAWP and CHASP would be subject to OER approval and, following construction, occupancy permits could only be issued once OER received documentation that the RAWP and CHASP were properly implemented.
- Although there is no (E) Designation for Lot 1 (City-owned sites do not receive these designations), any excavation would have a similar potential for encountering subsurface contamination. Therefore, similar procedures (for investigation and a RAWP/CHASP) to the other lots would be implemented at Lot 1.
- Removal of the known AST and any unforeseen petroleum tanks would be performed in accordance with applicable regulatory requirements including NYSDEC requirements relating to spill reporting and tank registration.
- Though not anticipated, if dewatering were to be necessary for the proposed construction, water would be discharged to sewers in accordance with DEP requirements.

With the implementation of the regulatory requirements relating to the existing buildings to be adaptively reused and the remedial measures required by the (E) Designation and other applicable regulatory requirements, the potential for significant adverse hazardous materials impacts from construction at the project site would be avoided.

# Chapter 17:

## **Neighborhood Character**

# A. INTRODUCTION

This chapter assesses the proposed project's potential effects on neighborhood character. As defined in the 2014 *City Environmental Quality Review (CEQR) Technical Manual*, neighborhood character is an amalgam of various elements that give a neighborhood its distinct "personality." These elements may include a neighborhood's land use, socioeconomic conditions, open space, historic and cultural resources, urban design and visual resources, shadows, transportation, and/or noise conditions, but not all of these elements contribute to neighborhood character in every case.

Under CEQR, an analysis of neighborhood character identifies the defining features of the neighborhood and then evaluates whether a proposed project has the potential to affect the defining features, either through the potential for a significant adverse impact or a combination of moderate effects in relevant technical analysis areas. To determine the effects of a proposed project on neighborhood character, the defining features of neighborhood character are considered together. According to the *CEQR Technical Manual*, neighborhood character impacts are rare, and it would be unusual that, in the absence of a significant adverse impact in any of the relevant technical areas, a combination of moderate effects to the neighborhood would result in an impact to neighborhood character. Moreover, a significant adverse impact identified in one of the technical areas that contributes to a neighborhood's character does not necessarily constitute a significant impact on neighborhood character, but rather serves as an indication that neighborhood character should be examined.

As described in Chapter 1, "Project Description," the co-applicants are seeking zoning map and related text amendments and other actions to allow the construction of a mixed-use development, which includes a larger replacement facility for an existing high school, a new lower school, and new residential, office, retail, and cultural community facility space. The proposed project would result in the redevelopment of the site with a 350-seat replacement facility for the Khalil Gibran International Academy, a new 350-seat lower school, up to 922 dwelling units (DUs), including approximately 200 affordable DUs, approximately 245,000 gross square feet (gsf) of office space, 50,000 gsf of retail space, and a 15,000-gsf cultural community facility. Based on the current design, two of the existing five Khalil Gibran International Academy school buildings currently on the project site would be retained and adaptively reused in the proposed development. The total floor area of the proposed project would be approximately 1,285,000 gsf.

The proposed actions would facilitate the development of the project site with three new buildings, including two mixed-use towers and new public school facilities (Buildings A, B, and C), and as currently designed, the adaptive reuse of two existing school buildings (School Building 2/Building D and School Building 1/Building E). As currently designed, the existing structures at the corner of Schermerhorn Street and 3rd Avenue (School Building 2/Building D) and State Street and 3rd Avenue (School Building 1/Building E) would be retained and adaptively reused for cultural community facility and retail space, respectively.

In total, the proposed project would contain approximately 1,285,000 gsf of floor area. Building A would house the replacement high school and a new lower school in a building with anticipated heights ranging from 50 feet to 130 feet located in the center of the project site, with frontage along State and Schermerhorn Streets and Flatbush Avenue. The building would feature retail space along Schermerhorn Street and Flatbush Avenue. Building B would be a wedge-shaped mixed-use tower located at State Street and Flatbush Avenue on the easternmost portion of the project site. The building's residential entrance would be on State Street and the lobby entrance to the commercial office space would be on Flatbush Avenue. The building would rise to an anticipated height of approximately 560 feet. Building C would be mixed-use tower located on the western portion of the project site with an anticipated height of 986 feet. Residential access would be from 3rd Avenue and the lobby entrance to the office space would be from Schermerhorn Street.

Under the maximum zoning envelope, the larger floorplates generally required for Class A office space could be accommodated within Building C and Building C could be built to the street walls of Schermerhorn Street and 3rd Avenue. Under the current design, School Building 2/Building D, the portion of the former school building located at the corner of Schermerhorn Street and 3rd Avenue, would be retained and adaptively reused as cultural community facility space. If School Building 2/Building D is not retained in the final design, cultural space would be included at this general location as part of the new Building C. The maximum zoning envelope would allow for the retention of most of School Building 1/Building E, the former original P.S. 15 building at 3rd Avenue and State Street, and its adaptive reuse with retail space.

The proposed project would be developed in stages, beginning with the construction of Building A at the center of the site, which would contain the replacement high school and new lower school, and Building B, a wedge-shaped mixed-use tower on the eastern portion of the project site. Construction of Buildings A and B on the central portion and eastern side of the site would take place while the existing Khalil Gibran International Academy school buildings remain operational on the western side of the project site. Immediately following the relocation of the high school, the second phase of construction would begin and include the development of Building C, as described above. The adaptive reuse of any retained portions of existing School Building 2/Building D and School Building 1/Building E is proposed as part of the second phase of construction.

This chapter includes a preliminary assessment of neighborhood character, which was prepared in conformance with the *CEQR Technical Manual*. This chapter describes the defining features of the existing neighborhood character and considers the potential effects of the proposed actions on these defining features. This assessment relies on the technical analyses presented in other chapters of this Environmental Impact Statement (EIS).

# PRINCIPAL CONCLUSIONS

The proposed actions would not result in significant adverse impacts associated with neighborhood character. The project site is located in a prominent location on Flatbush Avenue at the entrance to Downtown Brooklyn. As described elsewhere in this EIS, the proposed actions would not result in significant adverse impacts in the areas of land use, zoning, and public policy; socioeconomic conditions; open space; urban design and visual resources; and noise. Although significant adverse impacts would occur with respect to shadows, historic resources, and transportation, these impacts would not result in a significant change to one of the determining elements of neighborhood character.

The proposed actions would bring new activity to an underutilized site and support the development of Downtown Brooklyn as a commercial and cultural hub. The new educational

facilities would support the residential growth that has occurred in Downtown Brooklyn and surrounding neighborhoods and the retail space would provide an amenity for residents. As discussed below, the proposed actions would result in potential neighborhood character benefits associated with improvements in urban design and pedestrian conditions.

# **B. METHODOLOGY**

According to the *CEQR Technical Manual*, an assessment of neighborhood character is generally needed when a proposed action has the potential to result in significant adverse impacts in any of the following technical areas: land use, socioeconomic conditions, open space, shadows, historic and cultural resources, urban design and visual resources, transportation, or noise. The *CEQR Technical Manual* states that even if a proposed action does not have the potential to result in significant adverse impacts in any specific technical area(s), an assessment of neighborhood character may be required if the project would result in a combination of moderate effects to several elements that may cumulatively affect neighborhood character. A "moderate" effect is generally defined as an effect considered reasonably close to the significant adverse impact threshold for a particular technical analysis area.

The study area for a preliminary analysis of neighborhood character is typically consistent with the study areas in the relevant technical areas assessed under CEQR that contribute to the defining elements of the neighborhood. A preliminary assessment of neighborhood character determines whether changes expected in other technical analysis areas may affect a defining feature of neighborhood character. The preliminary assessment first identifies the defining features of the existing neighborhood character and then evaluates whether a proposed project or action has the potential to affect those defining features, either through the potential for a significant adverse impact or a combination of moderate effects in the relevant technical areas. The key elements that define neighborhood character, and their relationships to one another, form the basis of determining impact significance; in general, the more uniform and consistent the existing neighborhood context, the more sensitive it is to change. A neighborhood that has a more varied context is typically able to tolerate greater change without experiencing significant impacts. If there is no potential for the proposed project or action to affect the defining features of neighborhood character, a detailed assessment is not warranted.

# C. PRELIMINARY ASSESSMENT

# **DEFINING FEATURES**

# PROJECT SITE

The project site is comprised of the City-owned property at 362 Schermerhorn Street (Brooklyn Block 174, Lot 1) and the remainder of Block 174 (Lots 9, 13, 18, 23, and 24), which is controlled by 80 Flatbush Avenue, LLC. It is an irregular, 61,399-sf full-block site with frontages of approximately 360 feet on Flatbush Avenue, 450 feet on State Street, 200 feet on 3rd Avenue, and 160 feet on Schermerhorn Street. The eastern portion of the project site terminates in an acute angle at the intersection of Flatbush Avenue and State Street. Lot 1 is currently occupied by Khalil Gibran International Academy, a public high school which is operated by the New York City Department of Education (DOE). Portions of the existing facility on Lot 1 date back to the late 1800s, and the school buildings are functionally obsolete and lack appropriate facilities for students. The remainder of the project site (Lots 9, 13, 18, 23, and 24) is currently improved with

five one- to five-story buildings containing approximately 82,000 sf of commercial office use, four DUs, a recently vacated substance abuse treatment facility, and a small amount of retail space in two buildings, consisting of a pawn shop fronting on Schermerhorn Street and a kickboxing establishment on Flatbush Avenue at its intersection with State Street; the remainder of the Flatbush Avenue frontage does not have active ground-floor uses.

#### STUDY AREA

As shown in **Figure 17-1**, the study area for the assessment of neighborhood character is generally defined as the area within 400 feet of the project site. The 400-foot study area extends to Atlantic Avenue to the south, beyond 3rd Avenue to the west, Lafayette Street to the north, and 4th Avenue to the east. Because the study areas for the open space and urban design assessments extend to areas within <sup>1</sup>/<sub>4</sub>-mile from the project site, the study area has been extended for the preliminary assessment of neighborhood character, as appropriate. The <sup>1</sup>/<sub>4</sub>-mile study area generally extends to Wyckoff Street/St Marks Avenue to the south, Bond Street to the west, DeKalb Avenue to the north, and 5th Avenue/South Portland Avenue to the east. In addition to Downtown Brooklyn, the study areas include portions of the Fort Greene and Boerum Hill neighborhoods.

Downtown Brooklyn is a unique mixed-use neighborhood and New York City's third-largest central business district, with a mixture of commercial, community facility, and residential development, including many high-rise residential buildings developed within the past decade. Notable developments in the area include the mixed-use development that was recently constructed at 300 Ashland Place across from the project site, which includes cultural and public space below a residential tower. The Atlantic Terminal Mall and Barclays Center are located immediately southeast of the project site, at the intersection of Flatbush and Atlantic Avenues. The area south and southwest of the project site, within the Boerum Hill neighborhood, consists predominately of residential and mixed-use buildings, including a concentration of brownstone townhomes. The historic Baptist Temple, located west of the project site at 3rd Avenue and Schermerhorn Street, is listed on the State and National Registers of Historic Places (S/NR). One Hanson Place, an individual and interior landmark (S/NR-listed, New York City Landmark [NYCL]) and the former headquarters of the Williamsburgh Savings Bank, is located east of the project site at the northeast corner of Ashland Place and Hanson Place.

There are numerous cultural institutions in the study area which define the neighborhood's character, including the world-famous Brooklyn Academy of Music (BAM), the Mark Morris Dance Center, BRIC, and the Theatre for a New Audience, which are located north of the project site. Brooklyn's Cultural District is anchored by BAM and straddles the neighborhoods of Fort Greene and Downtown Brooklyn. In addition to the notable cultural facilities listed above, the study area contains numerous smaller cultural venues, including theaters and performance and rehearsal spaces.

The predominant land uses in the study area are residential, commercial, and institutional/cultural facilities, as well as mixed-use buildings. Residential developments are located directly west and south of the project site. The area south of State Street and west of 4th Avenue contains three- to four-story multifamily walk-up buildings and one- to two-family residential buildings. The construction of mixed-use residential buildings is prevalent in the study area. Older mixed-use buildings are found along Atlantic Avenue. The block northwest of the project site is occupied by the recently constructed and not yet fully occupied 333 Schermerhorn high-rise development at 333 Schermerhorn, the block immediately east of the project site is occupied by the recently constructed and not yet fully occupied 300 Ashland development. This high-rise development will





Existing and Planned No Action Open Spaces

0 400 FEET

ECF 80 FLATBUSH AVENUE

include approximately 379 DUs, 20,000 sf of retail space, and community facility space that is anticipated to include an art museum, dance studio, cinema, and cultural library.

Retail space is primarily located along Flatbush, Atlantic, and 4th Avenues and to a lesser extent along 3rd Avenue. The Atlantic Terminal Mall is located at the intersection of Atlantic and Flatbush Avenues. Open spaces within the study area include the Rockwell Place Bears Community Garden, located directly north of the project site at the intersection of Lafayette and Flatbush Avenues and Rockwell Place, and Sixteen Sycamores Playground, west of the project site on the south side of Schermerhorn Street. There is also a public plaza with seating surrounding the Theatre for a New Audience on Ashland Place, north of Lafayette Avenue. Fort Green Park, located at the northernmost edge of the ¼-mile study (north of DeKalb Avenue), is a 30-acre park featuring open space amenities, including numerous picnic areas, gardens, walkways, and lawns, as well active recreation facilities.

Study area roadways form an irregular street pattern. Flatbush Avenue runs at an angle and the street grid shifts east and west of Flatbush Avenue, creating irregular-shaped blocks with acute angles. Lafayette Avenue also runs at an angle, carrying east bound traffic. Flatbush and Atlantic Avenues are wider, primary thoroughfares and carry two-way traffic with four lanes. Flatbush Avenue carries north-south traffic and Atlantic Avenues carries east-west traffic. Over the years, some of the triangular portions of the study area blocks have been developed with open spaces, including plazas and community gardens, such as Rockwell Place Bears Community Garden. Many of the study area's intersections, particularly those along Flatbush Avenue, experience heavy traffic, as discussed in Chapter 11, "Transportation."

# ASSESSMENT OF THE POTENTIAL TO AFFECT THE DEFINING FEATURES OF THE NEIGHBORHOOD

The sections below discuss potential changes resulting from the proposed actions in the following technical areas that are considered in the neighborhood character assessment pursuant to the *CEQR Technical Manual*: land use, zoning, and public policy; socioeconomic conditions; open space; shadows; historic and cultural resources; urban design and visual resources; transportation; and noise. The assessment uses the findings from the respective chapters of this EIS to identify whether the proposed actions would result in any significant adverse impacts or moderate adverse effects in these technical areas and whether any such changes would have the potential to affect the defining features of neighborhood character. As described below, defining features of the study area's neighborhood character would not be affected either through the potential of any significant adverse impact or in combination with any other moderate effects in the relevant technical areas.

# LAND USE, ZONING, AND PUBLIC POLICY

Defining features of the neighborhood would not be adversely affected due to potential effects of the proposed actions on land use, zoning, and public policy, either individually, or in combination with potential impacts in other relevant technical areas discussed in this section. The proposed actions would facilitate a mix of residential, office, retail, and community facility development that would be consistent with the mixed-use character of the neighborhood.

As described in Chapter 2, "Land Use, Zoning, and Public Policy," no significant adverse impacts related to land use, zoning, or public policy would occur in the future with the proposed actions (the "With Action" condition). The development introduced by the proposed actions would reinforce the existing mixed-use character of the study area. Overall, the proposed actions would facilitate mixed-use development, including a significant amount of affordable housing, as well

#### ECF 80 Flatbush Avenue

as needed community facility space for new public schools, office space to provide employment and jobs, cultural facility space to support the study area's thriving arts community, and retail space to serve neighborhood residents. With the proposed actions, the overall objectives of the City's development plans for Downtown Brooklyn would be supported.

#### SOCIOECONOMIC CONDITIONS

Defining features of the neighborhood would not be adversely affected due to potential effects of the proposed actions on socioeconomic conditions, either singularly, or in combination with potential impacts in other relevant technical areas discussed in this section. As discussed in Chapter 3, "Socioeconomic Conditions," it is concluded that the proposed actions would not result in significant adverse socioeconomic impacts on direct residential displacement, direct business displacement, indirect residential displacement, and indirect business displacement, and effects on specific industries.

While the proposed project would add a new population, and the project-generated population living in market-rate DUs would have comparable average household incomes to the existing study area population, the project-generated population living in affordable DUs would have lower average household incomes compared to the existing study area population. The proposed actions' provision of approximately 200 DUs of affordable housing would expand housing options available to lower-income residents in the study area, and would serve to maintain a more diverse demographic within the study area as compared with the future without the proposed actions (the "No Action" condition), in which projects will continue the trend towards rising residential rents, as well as incomes, in the study area.

In addition, the proposed actions would not result in a trend toward indirect business displacement. While the proposed actions would facilitate substantial redevelopment on the project site, none of the anticipated uses would be new types of economic activity that would introduce a new trend that could substantially alter economic patterns. The land uses that would result in the future with the proposed actions are a continuation of current established land use trends. With the proposed actions, the area would retain its mixed-use character, support the neighborhood's residential population with new public schools and create opportunities for new investment on an underutilized site.

#### **OPEN SPACE**

Defining features of the neighborhood would not be adversely affected due to potential effects of the proposed actions on publicly accessible open space, either singularly, or in combination with potential impacts in other relevant technical areas discussed in this section. As described in Chapter 5, "Open Space," the proposed project would increase utilization of study area resources due to the introduction of new residential and worker populations. In the future with and without the proposed actions, the total, active, and passive open space ratios in the residential and non-residential (worker) study areas would remain below the City's planning goals. With the proposed project, the residential study area, the combined residential and worker populations would be below 5 percent. Within the non-residential study areas passive open spaces, however, the area's passive open spaces are in relative abundance, as the study area would exhibit an open space ratio 0.262, acres per 1,000 workers, which is above the City's planning guideline of 0.15 acres per 1,000 workers.

Open space is not a critical defining feature of the area, and any effects to open space resulting from the proposed actions would not have a significant adverse impact on neighborhood character. Furthermore, the proposed actions would not result in the displacement or loss of any public or

private open spaces (other than the open space that would be developed on the project site in the No Action condition) as the parks, gardens, and plazas contained within the study area would remain with the proposed project.

#### SHADOWS

The proposed actions would result in development that would cast new shadow within the vicinity of the project site. Project-generated shadows would reach a total of 32 sunlight-sensitive open space and historic resources, including 21 open spaces and 6 historic resources. The affected open spaces include publicly accessible privately owned open spaces, community gardens, Greenstreets, playgrounds, and parks. The affected architectural features are found on New York City Landmarks and other potentially historic buildings.

Five sunlight-sensitive resources would experience project-generated shadow on all 4 analysis days, including Baptist Temple, directly to the west of the project site; two triangular medians (plazas) at the intersection of 3rd Avenue, Schermerhorn Street, and Flatbush Avenue, directly north of the project site; Rockwell Place Bears Community Garden, also north of the project site; and the newly developed 300 Ashland Place Plaza directly to the east. Two other resources could potentially receive project-generated shadow on 3 of 4 analysis days, including Sixteen Sycamores Playground, west of the project site, and the large windows on the west façade of the Williamsburgh Savings Bank, looking in to the main hall on the ground floor. Five additional resources could potentially receive project-generated shadow on 2 of 4 analysis days: the plaza at Theatre for a New Audience on Ashland Place and Fox Square at Flatbush Avenue and Fulton Street to the north, BAM Park, Fowler Square, and the north and west façades of the historic Hanson Place Church to the east. Fifteen additional resources could potentially receive project-generated shadow on 1 of 4 analysis days.

As discussed in Chapter 6, "Shadows," the Rockwell Place Bears Community Garden, the BAM South Plaza at 300 Ashland Place, and Temple Square would experience significant adverse impacts as a result of the proposed actions. The proposed actions would cause these resources to receive less than four hours of direct sun. Given the duration and extent of incremental shadow, the use and character of these open spaces could be altered and the health of the vegetation found within the open spaces could be significantly affected by new project-generated shadows. Other nearby sunlight-sensitive resources would also receive new project-generated shadows but the project-generated shadows would not significantly alter the use or character of the resources or threaten the health of vegetation within the resources. However, the significant adverse shadow impacts would not result in an impact on neighborhood character because there are several other plazas and gardens in neighborhood that would continue to be sunlit and function in the same way as the affected open spaces.

Three of the five historic resources would receive less than 1 hour of new shadow on specific days of the year, and two would receive more substantial new shadows: the stained glass windows of the Baptist Temple across 3rd Avenue from the proposed project, and the ground-floor, west-facing windows of the Williamsburgh Savings Bank. Despite the durations of incremental shadow to the windows of the Baptist Temple during the morning in each season, sunlight would continue to reach portions of the stained glass windows for the majority of each day. Additionally, due to a fire, the nave of the Baptist Temple is no longer in use. Incremental shadow would fall on portions of the windows of the Williamsburgh Savings Bank, but sunlight would continue to reach other portions except for the final 12 minutes of the analysis day when all five windows would be in shadow. Additionally, the ground floor of the Williamsburgh Savings Bank is currently not open

to the public, but rather is rented for private events. The analysis found that the new projectgenerated shadows would not significantly prevent or inhibit public enjoyment of these sunlightdependent features. Therefore, the analysis concludes that the proposed project would not result in any significant adverse shadow impacts.

New shadow resulting from the proposed project would not inhibit public enjoyment of historic buildings with sunlight-sensitive features. The significant adverse shadow impact to the two open space resources would not result in an impact on neighborhood character because the open spaces are not a defining element of neighborhood character and the surrounding area contains other gardens, plazas and parks with seating and vegetation that that can be utilized by residents and workers. Thus, the shadow effects would not create a significant adverse impact on neighborhood character, either singularly, or in combination with potential impacts in other relevant technical areas discussed in this section.

#### HISTORIC AND CULTURAL RESOURCES

Defining features of the neighborhood would not be adversely affected due to potential effects of the proposed actions on historic and cultural resources, either singularly or in combination with potential impacts in other relevant technical areas discussed in this section. As discussed in Chapter 7, "Historic and Cultural Resources," demolition of the historic buildings composing the existing Khalil Gibran International Academy would result in a significant adverse impact to historic resources; however, the demolition would not result in an impact to neighborhood character because the existing historic buildings are not a defining element of neighborhood character.

The current design of the proposed project includes the development of three new buildings (Buildings A, B, and C) and the adaptive reuse of two of historic buildings (School Building 2/Building D and School Building 1/Building E). As currently designed, the existing historic buildings at the corner of Schermerhorn Street and 3rd Avenue (Building D) and State Street and 3rd Avenue (Building E) would be retained and adaptively reused for cultural community facility and retail space, respectively. Three other historic buildings (School Buildings 3, 4 and 5) would be demolished with the proposed project, including an addition to the former PS 15 school building that was constructed in 1869 along 3rd Avenue; a small rear addition to the building at 362 Schermerhorn Street which was added along 3rd Avenue; and an existing three-story town house adjacent to the original school on State Street, which was added to the school complex ca. 1898.

The maximum zoning envelope would encompass the site of School Building 2/Building D, the ca. 1898 school building fronting on Schermerhorn Street and allow for its demolition, and could partially extend into the existing footprint of School Building 1/Building E (the original school structure at the southwest corner of the block). Therefore, development allowed under the maximum zoning envelope could result in the demolition of School Building 2/Building D as well as a portion of School Building 1/Building E, the two largest and most visually distinctive buildings of the historic school complex on the project site. A portion of Building School Building 1/E, the original school structure at the southwestern corner of the project site, would be adaptively reused as retail space.

The current design for the proposed project, which would retain the historic buildings at 3rd and Schermerhorn Avenues and 3rd Avenue and State Street, was developed with the benefit of numerous consultations with the New York City Landmarks Preservation Commission (LPC). Furthermore, the proposed project would include requirements to prevent inadvertent construction-related damage to historic buildings adjacent to the project site. The Baptist Temple on the west side of 3rd Avenue, and the buildings on the south side of State Street (522-550 State

Street), are located within 90 feet from the project site. To avoid inadvertent demolition and/or construction-related damage to these resources from ground-borne construction period vibrations, falling debris, collapse, etc., these buildings would be included in a Construction Protection Plan (CPP) for historic structures that would be prepared in coordination with LPC.

#### URBAN DESIGN AND VISUAL RESOURCES

Defining features of the neighborhood would not be adversely affected due to potential effects of the proposed actions on urban design and visual resources, either singularly, or in combination with potential impacts in other relevant technical areas discussed in this section. The proposed actions would improve urban design conditions by enlivening the streetscape with new pedestrian activity and creating a more consistent street wall.

The proposed project includes a mix of residential space (including a substantial amount of affordable housing), new public schools, commercial space, and cultural facility space. The proposed actions would bring new activity to an underutilized site and support the development of Downtown Brooklyn as a commercial and cultural hub. As currently designed, the proposed project would result in the development of three new buildings on the project site and the adaptive reuse of two existing historic buildings. The new educational facilities would support the residential growth that has occurred in Downtown Brooklyn and surrounding neighborhoods. New retail space along Schermerhorn Street, 3rd Avenue, and Flatbush Avenue would generate pedestrian activity and would provide an amenity for residents. In addition, while not a part of the proposed actions, the New York City Department of Transportation (DOT) has proposed a neighborhood pedestrian safety project involving the closure of Schermerhorn Street to vehicular traffic between 3rd and Flatbush Avenues. The planned DOT project would include curb extensions, shorter pedestrian crossings, and an expansion of the traffic island at the intersection of Schermerhorn Street, Flatbush Avenue, and 3rd Avenue. If approved, the planned DOT project would result in an expanded public plaza (Temple Square) and would be coordinated with the design of the proposed project with the goal of enhancing urban design conditions.

Although the proposed actions would allow for new mixed-use buildings constructed to greater heights and densities than currently permitted as-of-right, the proposed project's towers would be compatible with the heights of existing and planned buildings in the surrounding area, which include buildings with heights over 1,000 feet. The bulk of the new buildings would be oriented along Flatbush and 3rd Avenues, in keeping with other large developments in the primary study area. With the bulk of the proposed project's massing fronting onto Flatbush and 3rd Avenues and lower streetwalls along Schermerhorn and State Streets, the proposed project would not adversely affect the urban design characteristics of the lower-scale buildings along Schermerhorn and State Streets. The maximum zoning envelope also would result in the bulk of the project's massing fronting onto Flatbush and 3rd Avenues, with lower scale development in the middle of the project block and along Schermerhorn and State Streets.

The proposed project would also establish a more pedestrian-friendly streetwall along State Street, with entrances, recessed and projecting façade elements, and new landscaping breaking up the façade and adding visual interest. Like the State Street façades, the lower streetwall heights along Schermerhorn Street would have recessed and projecting façade elements. The entrance to the office lobby space would be recessed from the adjacent school building and retail space and the entrance to the high school would be set at an angle to Schermerhorn Street. Building A would reach a height of approximately 50 feet (three stories) along State Street. Building B would rise approximately 54 feet (three stories) along State Street and set back approximately 8 feet. The streetwall of Buildings

A and B on State Street would be respectful of the lower scale three-story buildings on the south side of State Street between 3rd and Flatbush Avenues and the three- to five-story residential buildings located west of 3rd Avenue along State, Atlantic and Pacific Streets.

The proposed project would not result in substantial changes to the built environment of a historic district, or eliminate any publicly accessible view corridors. Under the maximum zoning envelope, views north-south along 3rd Avenue within the primary study area would include close views of Building C, and Building E, to the extent it is retained. Views east-west along State Street would not be substantially altered due to the narrowness of the street and the location of mature street trees that line State Street, but would include views of the base of the proposed building. Under the current design of the proposed project, along Schermerhorn Street, upper portions of the former Williamsburgh Savings Bank, including its iconic clock and domed tower, will continue to be visible from eastward views. Views toward this visual resource would be available to pedestrians from other vantage points along Schermerhorn Street as well. Views east-west along Schermerhorn Street would continue to be long and include the former Williamsburgh Savings Bank. Under the maximum zoning envelope, views of the former Williamsburgh Savings Bank along Schermerhorn Street would be obstructed by the buildings on the project site; however, views of this building would remain available along other view corridors, including along Atlantic, Flatbush, and 4th Avenues.

The proposed buildings would be consistent with new development projects in the primary and secondary study area in materials, design, and use, including the 53-story (approximately 590-foot-tall) glass- and masonry-clad mixed-use building at 333 Schermerhorn Street, the 51-story (approximately 568-foot-tall) glass- and masonry-clad mixed-use building at 250 Ashland Place, the 44-story (approximately 484-foot-tall) glass- and stone-clad building at 66 Rockwell Place, the 37-story (approximately 370-foot-tall) glass- and metal-clad mixed-use building at 80 DeKalb Avenue, the 32-story (approximately 364-foot-tall) mixed-use glass- and metal-clad building at 300 Ashland Place, and the 30-story (approximately 310-foot-tall) mixed-use glass- and concrete-clad building at 230 Ashland Place. The height of Building C would be consistent with the height of the planned development at 9 DeKalb Avenue (located at DeKalb Avenue and Flatbush Avenue Extension), which would rise to a height of approximately 1,071 feet and would be taller than the proposed project.

The buildings of the current school at 362 Schermerhorn Street (School Building 2/Building D) and School Building 1/Building E would remain on the site and be reused under the current design of the proposed project. However, under the maximum zoning envelope, historic School Building 2/Building D may not be retained, and the development allowed under the maximum zoning envelope could cantilever above or extend into the existing volume of historic School Building 1/Building E. However, while views of Building D are available from Lafayette Avenue east of the project on Flatbush Avenue, views of the building on Flatbush Avenue are limited to the area between Livingston Street and Schermerhorn Street, and views from Schermerhorn Street are limited by nearby buildings and the mature trees in Sixteen Sycamore Playground. Views of Building E would still be available from 3rd Avenue and State Street, though such views would be altered by the new development cantilevering over or extending into this structure. Such views are already limited by intervening buildings and mature street trees along State Street.

The proposed project's mix of educational, office, retail, residential, and cultural community facility uses would be in keeping with existing uses found throughout the study areas. The proposed project would include active ground-floor design elements that would enliven the streetscape of the primary study area. These project components would enhance the pedestrian
experience at the project site and in the surrounding neighborhood. Overall, the proposed project would provide benefits to neighborhood character by enhancing urban design conditions.

#### TRANSPORTATION

Defining features of the neighborhood would not be adversely affected due to potential effects of the proposed actions on transportation, either singularly or in combination with potential impacts in other relevant technical areas discussed in this chapter. In terms of existing traffic conditions, levels of service (LOS) at most of the intersections analyzed in Chapter 11, "Transportation," operate at mid-LOS D or better (delays of 45 seconds or less per vehicle for signalized intersections) for all peak hours. Like many neighborhoods in New York City, the character of the study area is defined by a wide range of travel modes, with moderate foot traffic on most of the area's sidewalks and crosswalks, a mix of auto/taxi/service traffic on the streets, and transit services nearby. The foot traffic patterns and timing for pedestrian activity associated with residents, workers, and visitors are consistent with the mix of office, retail, and residential uses in the area. The proposed project would add incremental vehicle and person trips to the study area, resulting in significant adverse vehicular and pedestrian traffic impacts at several locations. As described in Chapter 19, "Mitigation," most of the traffic impacts, with the exception of impacts at four intersections, could be fully mitigated with the implementation of standard traffic mitigation measures (e.g., signal timing changes, parking regulation changes, and/or lane restriping).

The proposed project also would result significant adverse pedestrian impacts at one crosswalk during the weekday AM and midday peak hours and two crosswalks during the weekday PM peak hours. The pedestrian impact mitigation measures consist of signal timing changes. It should be noted that the transportation analysis conservatively assumes that peak travel by the proposed project's residential and school uses would take place during the same commuter peak hours, while in reality, they typically stagger over an approximately two-hour window in the morning and minimally overlap in the afternoon. While there would be increased traffic activity in the future with the proposed actions, the resulting conditions—even if unmitigated—would be similar to those seen in the high activity urban neighborhoods defining the study area and would not result in conditions that would be out of character with the study area or surrounding neighborhoods. Therefore, while certain traffic impacts would not be fully mitigated, this would not result in significant adverse neighborhood character impacts.

#### NOISE

The defining features of the neighborhood would not be adversely affected due to potential noise effects of the proposed actions, either singularly, or in combination with potential impacts in other relevant technical areas. As described in Chapter 14, "Noise," the analysis finds that the proposed actions would not result in any significant adverse noise impacts at nearby noise receptors. As a result, there would be no operational noise-related impacts on neighborhood character.

As shown above, the preliminary assessment reveals that the proposed project does not have potential to affect the defining features of the neighborhood, either through the potential for a significant adverse impact or a combination of moderate effects in relevant technical areas. Therefore, the proposed actions would not result in a significant adverse impact to neighborhood character.

#### Chapter 18:

# A. INTRODUCTION

This chapter describes the effects of the proposed actions on energy consumption. New building and alteration projects are subject to the New York City Energy Conservation Code (NYCECC), which comprises the 2010 Energy Conservation Construction Codes of New York State (ECCCNYS) in addition to a series of local laws. Therefore, according to the 2014 *City Environmental Quality Review (CEQR) Technical Manual*, a detailed assessment of energy impacts would be limited to projects that may significantly affect the transmission or generation of energy. Most actions resulting in new construction would not create significant energy impacts, and, as such, do not require a detailed energy assessment. However, a proposed action's operational energy consumption should be estimated.

As described in Chapter 1, "Project Description," the proposed actions would allow for the construction of a mixed-use building, which would include a replacement facility for an existing high school and a new lower school, as well as residential, commercial office, retail, and cultural community facility uses. The proposed actions would result in approximately 922 dwelling units (DUs), 245,000 square feet (sf) of office space, approximately 145,000 gsf of public school space (350-seat high school and 350-seat lower school), approximately 50,000 gsf of retail space, and approximately 15,000 gsf for a cultural community facility. The proposed project would result in a net increase of 1,288 residents and approximately 1,059 workers (non-residents) to the project area. The project site is located in the Downtown Brooklyn, in Community District (CD) 2. It is anticipated that the proposed project would be operational in 2025.

As stated in the *CEQR Technical Manual*, in lieu of a detailed assessment, which is generally limited to actions that may significantly affect the transmission or generation of energy, the amount of energy that would be consumed annually as a result of the day-to-day operation of the buildings and uses resulting from the proposed actions is disclosed in this chapter.

#### PRINCIPAL CONCLUSIONS

The proposed project would not result in any significant adverse energy impacts. The proposed project would generate an incremental demand for approximately 1,498 billion British thermal units (BTUs) of energy per year, less than 1 percent increase in overall electricity demand per year. This energy demand represents the total incremental increase in energy consumption between the future without the proposed actions (the "No Action" condition) and the future with the proposed actions (the "With Action" condition). As explained in the *CEQR Technical Manual*, the incremental energy demand resulting from most projects would not create a significant impact on energy capacity, and detailed assessments are only recommended for projects that may significantly affect the transmission or generation of energy. The proposed project would generate an incremental increase in energy demand that would be negligible when compared to the overall demand within Consolidated Edison's (Con Edison) New York City and Westchester County service area. Therefore, the proposed project would not result in any significant adverse energy impacts.

# **B. METHODOLOGY**

To assess the proposed project's potential impacts on energy, this chapter:

- Presents data on the existing energy distribution system and estimated energy usage for existing conditions;
- Determines future energy demands without and with the proposed project, using energy consumption rates for typical land uses provided in the *CEQR Technical Manual*; and
- Assesses the effects of this incremental energy demand on the local distribution system and regional energy supplies.

The Proposed Project's energy consumption is estimated based on Table 15-1 of the *CEQR Technical Manual*, which provides the average annual energy consumption rates in New York City for various land uses including commercial, industrial, institutional, large residential, and small residential. The consumption rates are expressed in BTU per sf of building floor area per year.

# C. EXISTING CONDITIONS

# ENERGY GENERATION AND DISTRIBUTION

Within New York City, electricity is generated and delivered by Con Edison and a number of independent power companies. Electrical energy in New York City is drawn from a variety of sources that originate both within and outside the City. These include non-renewable sources (such as oil and natural gas) and renewable sources (such as hydroelectricity and, to a much lesser extent, biomass fuels, solar power, and wind power). Electricity consumed in New York City is generated in various locations, including sites within New York City, locations across the Northeast, and places as far away as Canada.

Con Edison distributes power throughout New York City and Westchester County. Transmission substations receive electricity from the regional high voltage transmission system and reduce the voltage to a level that can be delivered to area substations. Area substations further reduce the voltage to a level that can be delivered to the distribution system, or the street "grid." Within the grid, voltage is further reduced for delivery to customers. Each substation serves one or more distinct geographic areas, called networks, which are isolated from the rest of the local distribution system. If service is lost at a specific substation or substations, the network functions to isolate any problems from other parts of the city. Substations are also designed to have sufficient capacity for the network to grow.

In 2016, approximately 57 billion kilowatt hours (KWH), or 194 trillion BTUs of electricity were delivered in Con Edison's service area. In addition, Con Edison supplied approximately 153 trillion BTUs of natural gas and approximately 20 billion pounds of steam (approximately 21 trillion BTUs).<sup>1</sup> Overall, approximately 368 trillion BTUs of energy are consumed within Con Edison's New York City and Westchester County service area annually.

#### **RECENT ENERGY CONSERVATION DIRECTIVES**

In December 2009, the New York City Council passed four laws, collectively known as the Greener, Greater Buildings Plan (GGBP), that required energy efficiency upgrades and energy

<sup>&</sup>lt;sup>1</sup> Con Edison Annual Report, 2016.

transparency in large existing buildings. Specifically, these laws call for annual benchmarking, energy audits, retro-commissioning, lighting upgrades, and sub-metering of commercial tenant space. Three out of these four laws only affect the City's largest 16,000 properties, both public and private, that compose half of the built area in the City. Through the enactment of one of those laws, beginning in 2011, privately owned buildings over 50,000 sf were required to submit reports of energy performance measurements in a process called "benchmarking." Though buildings of this size represent just 2 percent of the total number of buildings in the City, they are responsible for approximately 45 percent of total energy consumption, making this law both targeted and high-impact. By 2030, these laws are expected to reduce greenhouse gas (GHG) emissions by at least 5 percent citywide.<sup>2</sup>

As discussed in the "Public Policy" section in Chapter 2, "Land Use, Zoning, and Public Policy," *OneNYC: The Plan for a Strong and Just City* (OneNYC) is the Mayor's plan to promote growth, sustainability, resiliency, and equity as the City seeks to address the challenges of climate change with a multifaceted approach. In order to make New York City one of the most sustainable big cities in the world, which is one of the stated goals of OneNYC, the City is working to reduce New York City's energy consumption and its contribution to climate change. One of the most ambitious goals of OneNYC is to reduce greenhouse gas emissions by 80 percent by 2050, which includes requiring substantial shifts in the City's power generation system and reduction of the carbon footprint of buildings.

#### **EXISTING DEMAND**

As described in Chapter 1, "Project Description," the project site is Block 174, Lots 1, 9, 13, 18, 23, and 24 in Downtown Brooklyn. The western portion of the project site is currently occupied by the Khalil Gibran International Academy, which is operated by New York City Department of Education (DOE). This facility has 43,750 of gross floor area over five connected buildings. The remainder of the site is currently a mix of residential (four DUs, approximately 4,000 gsf) and commercial (26,828 gsf of retail and restaurant space; 83,226 gsf of office space) in five buildings: a one-story retail building with frontage on Schermerhorn Street, two three-story commercial buildings, both with frontage on Flatbush Avenue and State Street; a two-story building with frontage on Flatbush Avenue; and a five-story mixed-use (residential and commercial) building with frontages on Flatbush Avenue and State Street.

The estimated existing energy demand by type of use was calculated using the applicable consumption rates: residential use rate (large residential 126.7 BTU/sf/year and small residential 94 BTU/sf/year); institutional use rate (250.7 thousand BTU/sf/year), and retail/commercial use rate (216.3 thousand BTU/sf/year), based on Table 15-1 of the *CEQR Technical Manual*.

Therefore, the existing energy consumption within the project site is approximately 35,149 billion BTUs per year (see **Table 18-1**).

<sup>&</sup>lt;sup>2</sup> PlaNYC, adopted in 2007 and updated in April 2011.

# Table 18-1 Estimated Energy Consumption: Existing Conditions

Use	Size (gsf)	Use Classification	Rate (thousand BTUs/sf)	Energy Consumption (Million BTUs/year)
Retail	26,828	Commercial	216.3	5,803
School	43,750	Institutional	250.7	10,968
Office	83,226	Commercial	216.3	18,002
Residential	4,000	Residential	94 <sup>2</sup>	376
			<b>Total Energy Consumption</b>	35,149
Notes: <sup>1</sup> Total may not sum due to rounding. <sup>2</sup> As outlined by the <i>CEQR Technical Manual</i> for small residential buildings with one to four families. Source: <i>CEQR Technical Manual</i> , Table 15-1, "Average Annual Whole-Building Energy Use in New York City."				

# D. FUTURE WITHOUT THE PROPOSED ACTIONS

For the No Action condition, it is assumed that in the No Action condition, the non-City-owned portion of the project site would be developed with an as-of-right mixed-use building (400 feet in height, including bulkhead) that complies with the current zoning regulations, and the Khalil Gibran International Academy would remain in its existing facility. The development under the No Action condition would contain approximately 252,590 gsf of market-rate residential use (approximately 281 DUs); approximately 53,185 gsf of retail use; approximately 2,108 gsf of community facility; and approximately 20,000 gsf of parking use (approximately 130 accessory spaces), as well as the existing public school use (approximately 43,750 gsf). The No Action condition would comprise a total of approximately 371,633 gsf.

The estimated existing energy demand under the No Action condition was calculated by the use category and the applicable consumption rates (see **Table 18-2**). The changes in use anticipated would represent a 2,406 billion BTU/year, or an increase of approximately 24 million BTU/year from existing conditions.

			I I OJECICU LINEI SJ	Demander i to rection contaition
Use	Size (gsf)	Use Classification	Rate (thousand BTUs/sf/yr)	Energy Consumption (Million BTUs/year)
Retail	53,185	Commercial	216.3	11,504
School	43,750	Institutional	250.7	10,968
Community Facility	2,108	Institutional	250.7	528
Residential	252,590	Residential	126.7 <sup>2</sup>	32,003
Parking	20,000	Commercial	216.3	4,326
			Total Energy Demand	59,330
Notes:				

#### Table 18-2 Projected Energy Demand: No Action Condition

Total may not sum due to rounding.

<sup>2</sup> As outlined by the CEQR Technical Manual for large residential buildings with more than four families.

Source: CEQR Technical Manual, Table 15-1, "Average Annual Whole-Building Energy Use in New York City."

# E. FUTURE WITH THE PROPOSED ACTIONS

As detailed in Chapter 1, "Project Description," The proposed project would redevelop the site with a 350-seat replacement facility for the Khalil Gibran International Academy, a new 350-seat lower school, up to 922 DUs (approximately 830,000 gsf), including up to 225 affordable DUs, approximately 245,000 gsf of office use, 50,000 gsf of retail use, and a 15,000-gsf cultural community facility. The total area of the proposed project would be approximately 1,285,000 gsf.

As shown in Table 18-3, the total energy demand with the proposed project would be approximately 2,091 billion BTUs per year. The total increase in energy demand between the No Action condition and the With Action condition would be 1,498 billion BTUs per year. This increase was calculated by subtracting the No Action energy demand (593 billion BTUs per year) from the With Action energy consumption (2,091 billion BTUs per year).

With Action Condition (Density-Dependent Scenario)				
Use	Size (gsf)	Use Classification	Rate (thousand BTUs/sf/yr)	Energy Consumption (Million BTUs/year)
Retail	50,000	Commercial	216.3	10,815
School	145,000	Commercial	250.7	36,352
Community Facility	15,000	Industrial	250.7	3,761
Residential	830,000	Residential	126.7 <sup>2</sup>	105,161
Office	245,000	Commercial	216.3	52,994
			Total Energy Demand	209,082
Notes: <sup>1</sup> Total may n <sup>2</sup> As outlined	ot sum due by the CEQ	to rounding. R Technical Manual 1	for large residential buildings wit	th more than four families.

# **Table 18-3 Projected Energy Demand**

Source: CEQR Technical Manual, Table 15-1, "Average Annual Whole-Building Energy Use in New York City."

According to the New York Independent Systems Operator's (NYISO) 2017 Load and Capacity Data report, annual state electricity requirements for 2025<sup>3</sup> are forecast at approximately 153,094 Gigawatt hours (GWh) (or 522 trillion BTUs). Of this forecast annual electricity demand, 50,690 GWh (or 173 trillion BTUs) is expected to come from Zone J, which includes Brooklyn. With the proposed project, the anticipated 1,498 billion BTU increase in annual energy demand (including both electricity and onsite fuel use for heating and other systems) as compared with the No Action condition represents less than 1 percent of the forecast annual electric energy demand for Zone J; therefore, the proposed actions are not expected to result in a significant adverse impact on energy systems.

Additionally, both schools would be designed to New York City School Construction Authority's (SCA) building standards. In accordance with Local Law 86 of 2005 (LL86), the design and construction of the school facilities would comply with or exceed the energy efficiency standards of SCA's green building standards. The school facilities will be designed to reduce the use of both energy and potable water beyond that required by the current New York City building code.

Regarding the proposed uses other than the schools, the co-applicants are currently evaluating the specific energy efficiency measures and design elements that may be implemented. The proposed project is required at a minimum to achieve the energy efficiency requirements of the New York City Building Code. As described above, in 2016, as part of the City's implementation of strategies aimed at achieving the OneNYC GHG reduction goals, the City adopted a more stringent building energy code which substantially increased the energy efficiency required. In 2016, the City also published a pathway to achieving the GHG reduction goals in the building sector. Should the measures identified as part of that pathway or other measures not yet implemented be adopted by the City in the future, they may apply to the proposed project similar to any new building (if prior to building approval) or existing building (after construction) and the proposed project would

<sup>&</sup>lt;sup>3</sup> NYISO's 2017 Load and Capacity Data report forecast annual energy requirements up until the year 2025, the proposed build year of the proposed actions. Therefore, the forecast energy requirements for 2025 were used as the basis of the No Action and With Action conditions.

implement any measures required under such programs. Therefore, the proposed project would support the goal identified in the *CEQR Technical Manual* of building efficient buildings.

The proposed project would also support the other GHG goals by virtue of its proximity to public transportation, reliance on natural gas, commitment to construction air quality controls, and the fact that as a matter of course, construction in New York City uses recycled steel and includes cement replacements. All of these factors demonstrate that the proposed development supports the GHG reduction goal and would implement features that would reduce the amount of energy generated by the proposed project.

Based on the above information, no significant adverse energy impacts would result from the proposed actions. \*

#### Chapter 19:

#### Mitigation

# A. INTRODUCTION

This chapter considers mitigation measures to address significant adverse impacts generated by the proposed project. As detailed in Chapter 1, "Project Description," the New York City Educational Construction Fund (ECF) and 80 Flatbush Avenue, LLC, (the "co-applicants"), are seeking a rezoning and other actions to allow the construction of a mixed-use development, which includes a replacement facility for an existing high school, a new lower school as well as residential, office, retail, and cultural community facility use (the "proposed project"). The project site is located in Downtown Brooklyn on the full block bounded by State Street to the south, Schermerhorn Street to the north, 3rd Avenue to the west, and Flatbush Avenue to the east.

The proposed project would result in significant adverse impacts related to shadows, historic and cultural resources, transportation (traffic and pedestrians), and construction (noise). Mitigation measures have been identified to address those impacts where feasible and/or practical. As discussed below in more detail, partial mitigation is proposed for some of the significant adverse impacts of the proposed project. If no mitigation has been identified, an unavoidable significant adverse impact may result.

# **B. PRINCIPAL CONCLUSIONS**

#### **SHADOWS**

As described in Chapter 6, "Shadows," the proposed actions would result in significant adverse shadow impacts to three open spaces. The detailed analysis found that the Rockwell Place Bears Community Garden, the Brooklyn Academy of Music (BAM) South Plaza at 300 Ashland Place, and Temple Square could be significantly impacted by new shadow originating from the proposed project. The duration or extent of incremental shadow cast on these open spaces would be great enough to potentially impact the utility of the open space or the viability of vegetation contained within them.

Possible measures that could mitigate significant adverse shadow impacts on open spaces may include relocating sunlight-sensitive features within an open space to avoid sunlight loss; relocating or replacing vegetation; undertaking additional maintenance to reduce the likelihood of species loss; or providing replacement facilities on another nearby site. Other potential mitigation strategies include the redesign or reorientation of the open space site plan to provide for replacement facilities, vegetation, or other features. In addition, the 2014 *City Environmental Quality Review (CEQR) Technical Manual* identifies strategies to reduce or eliminate shadow impacts, including modifications to the height, shape, size, or orientation of a proposed development that creates the significant adverse shadow impact. The co-applicants will explore possible mitigation measures with the New York City Departments of Parks and Recreation (NYC Parks), New York City Department of City Planning (DCP), and New York City Department of Transportation (DOT) between the DEIS and FEIS.

#### HISTORIC AND CULTURAL RESOURCES

The proposed project would result in significant adverse impacts to architectural resources on the project site. Possible mitigation measures to address this impact are discussed below and will be explored in consultation with the New York City Landmarks Preservation Commission (LPC) between the DEIS and FEIS.

#### TRANSPORTATION

The proposed project would result in potential significant adverse impacts to traffic and pedestrians, as detailed below. No significant adverse impacts were identified for transit, parking, and vehicular and pedestrian safety.

#### TRAFFIC

As discussed in Chapter 11, "Transportation," traffic conditions were evaluated at 16 intersections for the weekday AM, midday, and PM peak hours. In the future with the proposed actions (the "With Action" condition), there would be the potential for significant adverse traffic impacts at 9 intersections during the weekday AM peak hour, 9 intersections during the weekday midday peak hour, as summarized in **Table 19-1**.

Weekday AM Weekday Midday Weekday PM Intersection Peak Hour **Peak Hour** Peak Hour **EB-WB Street NB-SB Street DeKalb** Avenue Flatbush Avenue SB-TR EB-LTR Fulton Street Flatbush Avenue WB-LT WB-LT WB-LT SB-L SB-L SB-L EB-TR EB-TR EB-TR Schermerhorn Street **Nevins Street** SB-LTR SB-LTR SB-LTR State Street **Nevins Street** SB-LT EB-L EB-L EB-L Lafayette Avenue Flatbush Avenue EB-LT EB-LT NB-TR NB-TR EB-L EB-L EB-L Schermerhorn Street 3rd Avenue NB-LT NB-LT NB-LT State Street 3rd Avenue EB-LT EB-LT WB-T Atlantic Avenue 3rd Avenue WB-R Flatbush Avenue 4th Avenue SB-R SB-R SB-R SB-LT Atlantic Avenue 4th Avenue SB-R Flatbush Avenue Atlantic Avenue WB-TR WB-TR EB-LT EB-LT EB-LT SB-L WB-LT Fulton Street Ashland Place NB-L SB-L NB-TR Ashland Place Lafayette Avenue SB-LT SB-LT Hanson Place Fort Greene Place NB-LR NB-LR Total Impacted Intersections/Lane Groups 9/17 9/12 12/22 Notes: L = Left Turn, T = Through, R = Right Turn, DefL = Defacto Left Turn, EB = Eastbound, WB = Westbound, NB = Northbound, SB = Southbound

			1 a	
Summarv	of Significant	Adverse '	Traffic	Impacts

Table 19.1

The majority of the locations where significant adverse traffic impacts are predicted to occur could be fully mitigated with the implementation of standard traffic mitigation measures (e.g., signal timing changes, lane restriping, parking regulation changes), as described below. However, the significant adverse impacts at the intersections of Flatbush Avenue and Fulton Street during the AM, midday, and PM peak hours; Flatbush Avenue and Lafayette Avenue during the AM, midday, and PM peak hours; Flatbush Avenue and 4th Avenue during the AM and PM peak hours; and Fulton Street and Ashland Place during the AM and PM peak hours that would potentially occur could not be fully mitigated with standard traffic mitigation measures.

#### PEDESTRIANS

As discussed in Chapter 11, "Transportation," pedestrian conditions were evaluated at 8 sidewalks, 9 corner reservoirs, and 10 crosswalks for the weekday AM, midday, and PM peak hours. In the 2025 With Action condition, the proposed project would result in significant adverse pedestrian impacts at one crosswalk during the weekday AM and midday peak hours, and two crosswalks during the weekday PM peak hour, as outlined in **Table 19-2**.

Table	19-2
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Summury	Digimicunt	iluverbe	1 cuesti iun	impueus
		2025	With Action Cond	dition
	Pedestrian	Weekday AM	Weekday Midday	Weekday PM
Intersection	Element	Peak Hour	Peak Hour	Peak Hour
3rd Avenue and State Street	North Crosswalk	Х	Х	Х
Flatbush Avenue and Lafayette Avenue / Schermerhorn Street	South Crosswalk			Х
Total Impacted Pe	destrian Elements	1	1	2
Note: X = Impacted.				

#### **Summary of Significant Adverse Pedestrian Impacts**

#### SUMMARY

Measures to mitigate these potential significant adverse impacts are described below. The proposed traffic and pedestrian mitigation measures would be subject to approval by the DOT prior to implementation. The proposed traffic and pedestrian mitigation measures entail signal timing changes, curb-line extensions, crosswalk restriping, lane restriping, and parking regulation changes—standard measures routinely implemented throughout the City and generally considered to be feasible.

#### CONSTRUCTION

Chapter 16, "Construction," concludes that the proposed project would have the potential to result in significant adverse construction noise impacts time at residences immediately across State Street south of the project site, the Khalil Gibran International Academy, and residences along 3rd Avenue between Schermerhorn Street and Atlantic Avenue. Mitigation measures are discussed below.

# C. SHADOWS

As described in Chapter 5, "Open Space," and Chapter 6, "Shadows," the proposed actions would result in significant adverse shadow impacts to three open spaces. The detailed analysis found that Rockwell Place Bears Community Garden, the BAM South Plaza at 300 Ashland Place, and Temple Square would be potentially significantly impacted by new shadow originating from the proposed project.

#### **ROCKWELL PLACE BEARS COMMUNITY GARDEN**

On 3 analysis days representing the growing season, March 21/September 21, May 6/August 6, and June 21, portions of the garden would receive less than 6 hours of direct sunlight. Specifically, on March 21/September 21, locations within the garden would receive between 4 hours and 6 hours and 30 minutes of direct sunlight on this analysis day. On the May 6/August 6 analysis day, the garden would receive between 5 and 9 hours of direct sunlight on this analysis day. On June 21, a small area in the northeast corner of the garden would receive between 5 and 6 hours of direct sunlight, while the rest of the garden would receive up to 9 or more hours of direct sunlight. Given the variety of plants and flowers in the garden, it is possible that at least some species in that small area require full sunlight, i.e. 6 hours of direct sunlight or more, and a reduction to less than 6 could significantly impact the health of these species.

The *CEQR Technical Manual* identifies several different measures that could mitigate significant adverse shadow impacts on open spaces. These measures include relocating or replacing vegetation; undertaking additional maintenance to reduce the likelihood of species loss; or providing replacement facilities on another nearby site. CEQR guidelines also discuss alternatives that may reduce or eliminate shadow impacts, including reorientation of building bulk or reorientation of the site plan. Due to the narrowness of the project site and its immediate proximity to the impacted resource, it is not possible to alter the site plan so as to avoid a substantial amount of shadow being cast on these open spaces.

Of the measures listed above, potentially feasible mitigation for the significant adverse impact to the Rockwell Place Bears Community Garden could include replacing some vegetation with more shade-tolerant species; undertaking additional maintenance to reduce the likelihood of species loss; providing additional maintenance funding; and/or helping to enhance other nearby open spaces. The co-applicants will consult with NYC Parks between the DEIS and FEIS to develop suitable mitigation to partially offset this significant adverse impact to park users and the park's vegetation. If feasible mitigation is found, the impact will be considered partially mitigated. In the absence of feasible mitigation, the proposed project would result in an unmitigated significant adverse shadow impact.

#### BAM SOUTH PLAZA (300 ASHLAND PLACE)

On 3 analysis days representing the growing season, March 21/September 21, May 6/August 6, and June 21, substantial portions of the 0.34-acre privately owned public space (POPS) would receive less than 4 hours of direct sunlight. The incremental shadow would occur from approximately noon to the late afternoon, with durations ranging from approximately 5 hours up to 5 hours 40 minutes depending on the season. The area covered by incremental shadow would be large at times relative to the size of the plaza. Given the long duration and extent of incremental shadow, the use and character of the open space could be altered and the health of trees and plants could be significantly affected by new project-generated shadows.

The *CEQR Technical Manual* identifies several different measures that could mitigate significant adverse shadow impacts on open spaces. These measures include relocating or replacing vegetation; undertaking additional maintenance to reduce the likelihood of species loss; or providing replacement facilities on another nearby site. CEQR guidelines also discuss alternatives that may reduce or eliminate shadow impacts, including reorientation of building bulk or reorientation of the site plan. Due to the narrowness of the project site and its immediate proximity to the resource, it is not possible to alter the site plan so as to avoid a substantial amount of shadow being cast on these open spaces.

Potentially feasible mitigation for the significant adverse impact to BAM South Plaza could include replacing some vegetation with more shade-tolerant species; undertaking additional maintenance to reduce the likelihood of species loss; providing additional maintenance funding; and/or helping to enhance other nearby open spaces. The co-applicants will consult with NYC Parks and the DCP between the DEIS and FEIS to develop suitable mitigation to partially offset this significant adverse impact to park users and the park's vegetation. If feasible mitigation is found, the impact will be considered partially mitigated. In the absence of feasible mitigation, the proposed project would result in an unmitigated significant adverse shadow impact.

#### **TEMPLE SQUARE**

On the March 21/September 21 and May 6/August 6 analysis days, substantial portions of Temple Square, a small triangular plaza that sits north-adjacent to the project site, would be partially or completely in project-generated shadow for durations ranging, from 3 hours 10 minutes to 5 hours 40 minutes, depending on the season. The paved plaza contains trees but is primarily used as pedestrian circulation space. Future improvements planned by DOT may include limited seating and plantings; however, the nature and location of any future plantings are unknown at this time. The resource would receive less than 4 hours of direct sunlight on the May 6 and August 6 analysis day. The project-generated shadow would affect the viability of the existing trees, and therefore the proposed project would result in significant adverse shadow impacts to the vegetation contained in Temple Square.

As discussed above, potential measures include relocating or replacing vegetation; undertaking additional maintenance to reduce the likelihood of species loss; or providing replacement facilities on another nearby site. CEQR guidelines also discuss alternatives that may reduce or eliminate shadow impacts, including reorientation of building bulk or reorientation of the site plan. Due to the narrowness of the project site and its immediate proximity to both impacted resources; it is not possible to alter the site plan so as to avoid a substantial amount of shadow being cast on these open spaces.

Of the measures listed above, potentially feasible mitigation for the significant adverse impact to Temple Square could include replacing some vegetation with more shade-tolerant species and undertaking additional maintenance to reduce the likelihood of species loss. Any future plantings should be shade-tolerant, but to the extent that they are not, future plantings would also be impacted by project-generated shadows on those analysis days in the locations that receive 4 hours or less of sun. The co-applicants will consult with DOT between the DEIS and FEIS to develop suitable mitigation to partially offset this significant adverse impact. If feasible mitigation is found, the impact will be considered partially mitigated. In the absence of feasible mitigation, the proposed project would result in an unmitigated significant adverse shadow impact.

# **D. HISTORIC AND CULTURAL RESOURCES**

As discussed in Chapter 7, "Historic and Cultural Resources," the western portion of the project site (Lot 1, School Buildings 1–5) is currently occupied by the Khalil Gibran International Academy, a complex of five connected buildings constructed at different times. In a comment letter dated May 15, 2017, LPC stated that the building complex on Block 174, Lot 1 appears to be eligible for New York City Landmark designation and for listing on the State and National Registers of Historic Places.

The current design for the proposed project assumes that the two primary buildings on Lot 1 (School Building 1/Building E and School Building 2/Building D) would be retained and adaptively reused. The adjacent new construction may allow for passage into Buildings D and E at the ground, second, or third floors. Any passage would be at interior, shared walls and through a fire-rated threshold, and would not be visible from street level. The proposed project would, however, entail the demolition of the townhouse that was subsequently added to the school (School Building 5), and the connecting school buildings along 3rd Avenue (School Buildings 3 and 4). The townhouse was added to the school ca. 1898, but was not created or designed specifically for school use, and the connecting structures along 3rd Avenue match the design of the original school, but lack its more prominent details. Nevertheless, the demolition of School Buildings 3-5 would result in a significant adverse impact to historic resources.

While the current proposed design preserves the two primary buildings of the current school, as discussed in Chapter 7, "Historic and Cultural Resources", to maintain flexibility, the maximum zoning envelope under the approvals would encompass the site of School Building 2/Building D. the ca. 1898 school building fronting on Schermerhorn Street, and the connecting building on 3<sup>rd</sup> Avenue, and allow for their demolition, and would also partially extend into the existing footprint of School Building 1/Building E (the original school structure at the southwest corner of the block), thus partially demolishing part of the building. Therefore, development allowed under the maximum zoning envelope could result in the demolition of School Building 2/Building D, and the connecting building on 3<sup>rd</sup> Avenue, as well as a portion of School Building 1/Building E. These buildings encompass the two largest and most visually distinctive school buildings on the project site. Therefore, the proposed actions, including development under the maximum zoning envelope and the currently proposed design, would have a significant adverse impact on the historic resources on the project site. A portion of School Building 1/Building E, the original school structure at the southwestern corner of the project site, would be adaptively reused as retail space. Historic American Building Survey (HABS) Level II documentation would take place as partial mitigation for the demolition of Building D, the connecting school building on 3<sup>rd</sup> Avenue, and part of Building E. The scope of work for such documentation would be provided to LPC for review and comment prior to the start of demolition of these buildings.

Measures to mitigate this impact consistent with the CEQR findings are being developed in consultation with LPC. Per the guidelines of the *CEQR Technical Manual*, possible mitigation measures for significant adverse effects on architectural resources can include redesign (i.e., relocating the action away from the resource, or redesign of the proposal to be more compatible with the resource), adaptive reuse, construction protection plan, data recovery/recordation, or relocation of the architectural resource. Data recovery can include recordation of a structure to the standards of the HABS.

# **E. TRANSPORTATION**

#### TRAFFIC

As discussed in Chapter 11, "Transportation," traffic conditions were evaluated at 16 intersections for the weekday AM, midday, and PM peak hours. The 2025 With Action condition analysis identified the potential for significant adverse traffic impacts at 9 intersections during the weekday AM peak hour, 9 intersections during the weekday midday peak hour, and 12 intersections during the weekday PM peak hour. Many of the significant adverse traffic impacts that were identified were at

least partly attributed to deteriorated traffic conditions in the future without the proposed actions (the "No Action" condition), which was an extremely conservative analysis of future conditions. Those conditions included the incremental traffic generated by 74 development projects within ½-mile of the project site, and assumed no traffic mitigation measures associated with any of these development projects would be implemented in the 2025 No Action condition analyses. The potential significant adverse traffic impacts and their recommended mitigation measures are discussed below.

As described in Chapter 11, "Transportation," traffic level of service (LOS) at signalized intersections are evaluated using average stop control delay, in seconds per vehicle, for individual lane groups (grouping of movements in one or more travel lanes), the approaches, and the overall intersection. According to the criteria presented in the CEQR Technical Manual, impacts are considered significant and require examination of mitigation if they result in an increase in the With Action condition of 5 or more seconds of delay in a lane group over No Action condition levels beyond mid-LOS D. For No Action LOS E, a 4-second increase in delay is considered significant. For No Action LOS F, a 3-second increase in delay is considered significant. In addition, impacts are considered significant if LOS deteriorates from acceptable A, B, or C in the No Action condition to marginally unacceptable LOS D (a delay in excess of 45 seconds, the midpoint of LOS D), or unacceptable LOS E or F in the With Action condition. A traffic impact is considered fully mitigated when the resulting degradation in the average control delay per vehicle under the Action-with-Mitigation condition compared to the No Action condition is no longer deemed significant following the impact criteria described above. Tables 19-3 to 19-5 itemize the recommended mitigation measures that address the identified impacts. With the implementation of these standard traffic mitigation measures (including primarily signal timing changes), which are subject to review and approval by DOT, the significant adverse traffic impacts identified above could be fully mitigated except for the intersections of Flatbush Avenue and Fulton Street during the AM, midday, and PM peak hours; Flatbush Avenue and Lafayette Avenue during the AM, midday, and PM peak hours; Flatbush Avenue and 4th Avenue during the AM and PM peak hours; and Fulton Street and Ashland Place during the AM and PM peak hours.

**Table 19-3** 

Intersection	No Action Signal Timing	Recommended Mitigation Measures	Recommended Signal Timing
Flatbush Avenue and Fulton Street	SB-T/SB-LWB-R: Green = 18 s NB/SB-T: Green = 47 s EB/WB LPI: Green = 7 s EB/WB: Green = 33 s	Unmitigated	No change from No Action
Schermerhorn Street and 3rd Avenue	All-ped phase: Green = 37 s EB: Green = 35 s NB: Green = 38 s	Shift 3 seconds from all-ped phase, 1 second to EB phase and 2 seconds to NB phase	All-ped phase: Green = 34 s EB: Green = 36 s NB: Green = 40 s
Schermerhorn Street and Nevins Street	EB/WB: Green = 49 s SB: Green = 31 s	Shift 1 second from SB to EB. Restripe SB approach with one 11-foot shared L-T lane and one 11-foot R-turn lane. Change parking regulation on west curb of SB approach to No Standing Anytime	EB/WB: Green = 50 s SB: Green = 30 s
Atlantic Avenue and 3rd Avenue	EB/WB LPI: Green = 7 s EB/WB: Green = 56 s NB LPI: Green = 7 s NB: Green = 40 s	Shift 1 second from NB to EB/WB, change parking regulation on north curb of WB approach to No Standing 7AM–10AM, 2 Hour Metered Parking 10 AM-7PM Except Sunday	EB/WB LPI: Green = 7 s EB/WB: Green = 57 s NB LPI: Green = 7 s NB: Green = 39 s
Flatbush Avenue and Lafayette Avenue	NB/SB: Green = 57 s SB only: Green = 14 s EB: Green = 34 s	Unmitigated	No change from No Action
Flatbush Avenue and 4th Avenue	All-ped phase: Green = 60 s NB/SB: Green = 55 s	Unmitigated	No change from No Action
Flatbush Avenue and Atlantic Avenue	NB/SB: Green = 56 s EB-T: Green = 15 s EB/WB: Green = 39 s	Shift 1 second of green time from EB-T phase to EB/WB phase	NB/SB: Green = 56 s EB-T: Green = 14 s EB/WB: Green = 40 s
Atlantic Avenue and 4th Avenue	EB/WB LPI: Green = 7 s EB/WB: Green = 45 s SB: Green = 28 s NB: Green = 25 s	Shift 6 seconds of green time from EB/WB phase to SB phase	EB/WB LPI: Green = 7 s EB/WB: Green = 39 s SB: Green = 34 s NB: Green = 25 s
Fulton Street and Ashland Place	EB/WB: Green = 47 s NB/SB: Green = 33 s	Unmitigated	EB.WB: Green = 47 s NB/SB: Green = 33 s
Notes: EB = Eastbound; WE	B = Westbound; NB = Northbound;	SB = Southbound; L = Left; T = Through; R = Right; LPI = Lead Pedestr	ian Interval.

# **Recommended Mitigation Measures: Weekday AM Peak Hour**

	Kecommenueu	Willigation Measures. Weekuay IV	nuuay i cak noui
Intersection	No Action Signal Timing	Recommended Mitigation Measures	Recommended Signal Timing
Flatbush Avenue and Fulton Street	SB-T/SB-LWB-R: Green = 23 s NB/SB-T: Green = 47 s EB/WB LPI: Green = 7 s EB/WB: Green = 33 s	Unmitigated	No change from No Action
Schermerhorn Street and 3rd Avenue	All-ped phase: Green = 37 s EB: Green = 35 s NB: Green = 38 s	Shift 2 seconds from all-ped phase, 1 second to EB phase and 1 second to NB phase	All-ped phase: Green = 35 s EB: Green = 36 s NB: Green = 39 s
Schermerhorn Street and Nevins Street	EB/WB: Green = 49 s SB: Green = 31 s	Shift 1 second from SB phase to EB phase. Restripe SB approach with one 11-foot shared L-T lane and one 11-foot R-turn lane. Change parking regulation on west curb of SB approach to No Standing Anytime	EB/WB: Green = 50 s SB: Green = 30 s
State Street and 3rd Avenue	EB: Green = 23 s NB: Green = 87 s	Shift 1 seconds from NB phase to EB phase	EB: Green = 24 s NB: Green = 86 s
Flatbush Avenue and Lafayette Avenue	NB/SB: Green = 56 s SB only: Green = 14 s EB: Green = 35 s	Unmitigated	No change from No Action
Flatbush Avenue and 4th Avenue	All-ped phase: Green = 60 s NB/SB: Green = 55 s	Shift 1 second from all-ped phase to NB/SB phase	All-ped phase: Green = 59 s NB/SB: Green = 56 s
Fulton Street and Ashland Place	EB/WB: Green = 47 s NB/SB: Green = 33 s	Shift 1 second from NB/SB phase to EB/WB phase	EB/WB: Green = 48 s NB/SB: Green = 32 s
Lafayette Avenue and Ashland Place	EB: Green = 31 s NB/SB: Green = 19 s	Change parking regulation on west curb of SB approach to No Standing Mon–Fri 11 AM–2 PM	No change from No Action
Hanson Place and Fort Greene Place	EB/WB: Green = 25 s NB/SB: Green = 25 s	Shift 1 second from EB/WB phase to NB/SB phase	EB/WB: Green = 24 s NB/SB: Green = 26 s
Notes: EB = Eastbound; WB =	Westbound; NB = Northbound; SB = \$	Southbound; L = Left; T = Through; R = Right; LPI = Lead Pedestrian	Interval.

# Table 19-4 Recommended Mitigation Measures: Weekday Midday Peak Hour

# Table 19-5 Recommended Mitigation Measures: Weekday PM Peak Hour

Intersection	No Action Signal Timing	Recommended Mitigation Measures	Recommended Signal Timing
Flatbush Avenue and DeKalb Avenue	EB/WB LPI: Green = 10 s WB: Green = 40 s NB/SB: Green = 60 s	Shift 1 second from EB/WB LPI phase to NB/SB phase	EB/WB LPI: Green = 9 s WB: Green = 40 s NB/SB: Green = 61 s
Flatbush Avenue and Fulton Street	SB-T/SB-L/WB-R: Green = 23 s NB/SB-T: Green = 47 s EB/WB LPI: Green = 7 s EB/WB: Green = 33 s	Unmitigated	No change from No Action
Schermerhorn Street and 3rd Avenue	All-ped phase: Green = 37 s EB: Green = 35 s NB: Green = 38 s	Shift 2 seconds from all-ped phase, 1 seconds to NB phase and 1 second to EB phase	All-ped phase: Green = 35 s EB: Green = 36 s NB: Green = 39 s
Schermerhorn Street and Nevins Street	EB/WB: Green = 49 s SB: Green = 31 s	Shift 2 seconds from SB phase to EB phase. Restripe SB approach with one 11-foot shared L-T lane and one 11-foot R-turn lane. Change parking regulation on west curb of SB approach to No Standing Anytime	EB/WB: Green = 51 s SB: Green = 29 s
State Street and Nevins Street	EB/WB: Green = 49 s SB: Green = 31 s	Change parking regulation on west curb of SB approach to 1 Hour Metered Parking 9 AM–4 PM Except Sunday, No Standing 4 PM–7 PM Except Sunday	No change from No Action
State Street and 3rd Avenue	EB: Green = 23 s NB: Green = 87 s	Shift 3 seconds of green time from NB phase to EB phase	EB: Green = 26 s NB: Green = 84 s
Flatbush Avenue and Lafayette Avenue	NB/SB: Green = 53 s SB only: Green = 20 s EB: Green = 32 s	Unmitigated	No change from No Action
Flatbush Avenue and 4th Avenue	All-ped phase: Green = 60 s NB/SB: Green = 55 s	Unmitigated	No change from No Action
Flatbush Avenue and Atlantic Avenue	NB/SB: Green = 56 s EB-T: Green = 15 s EB/WB: Green = 39 s	Shift 1 second of green time from EB-T phase to EB/WB phase	NB/SB: Green = 56 s EB-T: Green = 14 s EB/WB: Green = 40 s
Fulton Street and Ashland Place	EB/WB: Green = 47 s NB/SB: Green = 33 s	Unmitigated	No change from No Action
Lafayette Avenue and Ashland Place	EB: Green = 69 s NB/SB: Green = 41 s	Shift 4 seconds from EB phase to NB/SB phase. Change parking regulation on west curb of SB approach to No Standing Mon-Fri 11 AM–2 PM	EB: Green = 65 s NB/SB: Green = 45 s
Hanson Place and Fort Greene Place	EB/WB: Green = 25 s NB/SB: Green = 25 s	Shift 3 seconds from EB/WB phase to NB/SB phase	EB/WB: Green = 22 s NB/SB: Green = 28 s
Notes: EB = Eastbound; WB = W	/estbound; NB = Northbound; SB = S	Southbound; L = Left; T = Through; R = Right; LPI = Lead Pedestrian	Interval.

As stated in Chapter 11, "Transportation," there are often traffic enforcement agents present to direct traffic flow at the study area intersections along Flatbush Avenue and Atlantic Avenue. Hence, although unmitigatable impacts were identified for four of these intersections, the actual traffic conditions are likely more favorable than shown by the analysis results. A discussion of the recommended mitigation measures is provided below. **Tables 19-6 to 19-8** compare the LOS

and lane group delays for the impacted intersections under the 2025 No Action, With Action, and Mitigation conditions for the three analysis peak hours.

	<b>Table 19-6</b>
2025 No Action, With Action, and Mitigation	<b>Conditions LOS Analysis</b>
	Weekday AM Peak Hour

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$ \begin{array}{ c c c c c c } \hline \mbox{Itersection} & It$	Lane Group TR LT LT LT LT Int. Int. TR TR TR R LTR Int. Int. Int.	v/c Ratio         Delay (sec)         LOS           0.92         42.6         D           0.26         11.5         B           0.81         43.3         D           0.68         43.1         D           0.69         38.6         D           1.04         99.4         F           1.06         90.5         F           0.61         18.2         B           0.61         18.2         B           0.70         28.1         C           0.70         28.1         C           0.77         36.7         D           0.86         49.5         D           0.85         E         E
Intersection         Order of the point (sec)         Land Group         Vict Ratio         Delay (sec)         Loos           Newins Street and Schermerhorn Street           EB         TR         0.82         30.1         C         TR         0.94         47.6         D         +           WB         LT         0.26         11.9         B         LT         0.27         12.1         B         +           SB         LTR         1.20         143.5         F         LTR         1.29         180.4         F         +           Int.         75.1         E         Int.         99.0         F         -	TR LT LT LT LT Int. IT TR Int. TR Int. IT TR Int. Int. Int. IT Int. IT IT Int. IT IT IT IT IT IT IT IT IT IT	Katto         (sec)         LOS           0.92         42.6         D           0.26         11.5         B           0.81         43.3         D           0.84         43.1         D           38.6         D           1.04         99.4         F           1.06         90.5         F           0.69         43.5         D           0.69         43.5         D           0.70         28.1         C           1.12         96.7         F           0.70         28.1         C           0.77         36.7         D           0.86         63.5         E
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	LT R Int. L L Int. ITR TR TR TR TR TR TR TR TR Int. Int.	0.26 11.5 B 0.81 43.3 D 0.68 43.1 D 1.04 99.4 F 1.06 90.5 F 93.4 F 0.69 43.5 D 0.61 18.2 B 25.0 C 0.70 28.1 C 0.77 36.7 D 0.86 49.5 E 0.85 E
SB         LTR         1.20         143.5         F         LTR         1.29         180.4         F         +           Int.         75.1         E         Int.         99.0         F         Int.         107         109.5         F         +         Int.         Int.         112.6         F         +         Int.         Int.         Int.         112.6         F         +         Int.	LT Int.	0.81 43.3 D 0.68 43.1 D 1.04 99.4 F 1.06 90.5 F 93.4 F 0.69 43.5 D 0.61 18.2 B 0.61 18.2 B 0.61 25.0 C 0.70 28.1 C 0.70 28.1 C 0.77 36.7 D 0.86 49.5 D 0.86 49.5 E
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	K Int. Int. LT Int. TR Int. TR Int. TR LTR Int. Int.	0.68         43.1         D           38.6         D           1.04         99.4         F           1.06         90.5         F           93.4         F           0.69         43.5         D           0.69         43.5         D           0.61         18.2         B           0.70         28.1         C           0.70         28.1         C           0.77         36.7         D           0.86         49.5         D           63.5         E
EB         LT         0.51         E         Int.         1.07         109.5         F         +           RB         LT         1.03         99.2         F         L         1.07         109.5         F         +           NB         LT         1.06         93.5         F         LT         1.12         112.6         F         +           NB         Int.         95.3         F         LT         1.12         112.6         F         +           NB         Int.         95.3         F         Int.         1.12         112.6         F         +           NB         Int.         95.3         F         Int.         1.12         112.6         F         +           NB         Int.         95.6         Int.         1.16         F         +         Int.         1.16         F         +         Int.         1.16         F         +         Int.         2.3.3         C         Int.         2.3.3         C         Int.         2.3.3         C         Int.         2.3.3         C         Int.         2.4.1         NB         Int.         2.9.1         C         N         N         N.1.12	LT Int. LT Int. TR Int. TR T TR T LTR Int. Int.	36.6         D           1.04         99.4         F           1.06         90.5         F           93.4         F         93.4           0.69         43.5         D           0.61         18.2         B           25.0         C         C           0.70         28.1         C           1.12         96.7         F           0.77         36.7         D           0.86         49.5         D           63.5         E
EB         L         1.03         99.2         F         L         1.07         109.5         F         +           NB         LT         1.06         93.5         F         LT         1.12         112.6         F         +           Int.         95.3         F         Int.         111.6         F         +           EB         LT         0.51         37.8         D         LT         0.65         42.9         D           B         TR         0.56         16.1         B         TR         0.59         16.8         B         Int.           EB         Int.         0.71         29.1         C         TR         0.71         29.1         C           WB         T         1.12         96.8         F         T         1.14         105.7         F         +           WB         T         1.12         96.8         F         T         1.14         105.7         F         +           NB         LTR         0.84         46.9         D         LTR         0.84         46.9         D         +           NB         Int.         63.9         E         Int.	L Int. LT Int. TR Int. TR T R LTR Int. Int.	1.04         99.4         F           1.06         90.5         F           93.4         F           0.69         43.5         D           0.61         18.2         B           25.0         C           0.70         28.1         C           0.77         36.7         D           0.86         49.5         D           63.5         E
NB         LT         1.06         93.5         F         LT         1.12         112.6         F         +           Int.         95.3         F         Int.         111.6         F         -         -         -         -         111.6         F         +         -         -         -         -         111.6         F         +         -         -         -         -         -         -         -         -         -         -         -         -         111.6         F         +         -	LT Int. Int. TR Int. TR LTR LTR Int. Int.	1.06         90.5         F           93.4         F           0.69         43.5         D           0.61         18.2         B           25.0         C           0.70         28.1         C           1.12         96.7         F           0.77         36.7         D           0.86         49.5         D           63.5         E
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	LT Int. TR Int. TR LT T R T R LTR Int.	93.4         F           0.69         43.5         D           0.61         18.2         B           25.0         C           0.70         28.1         C           1.12         96.7         F           0.77         36.7         D           0.86         49.5         D           63.5         E
3rd Avenue and State Street           BB         LT         0.56         16.1         B         LT         0.65         42.9         D           Int.         20.8         C         Int.         23.3         C         Int.         23.3         C           Sid Avenue and State Street           TR         0.56         16.1         B         TR         0.59         16.8         B         Int.           Sid Avenue and State Street           Sid Avenue Attaitic Avenue           B         TR         0.71         29.1         C         TR         0.71         29.1         C           WB         T         1.12         96.8         F         T         1.14         105.7         F         +           NB         LTR         0.84         46.9         D         LTR         0.84         46.9         D         +           Flatbush Avenue and Fulton Street           UR         LTR         0.59         46.5         D           LTR         0.59         LTR            <th colspan="4</td> <td>LT Int.</td> <td>0.69         43.5         D           0.61         18.2         B           25.0         C           0.70         28.1         C           1.12         96.7         F           0.77         36.7         D           0.86         49.5         D           63.5         E</td>	LT Int.	0.69         43.5         D           0.61         18.2         B           25.0         C           0.70         28.1         C           1.12         96.7         F           0.77         36.7         D           0.86         49.5         D           63.5         E
LI         0.51         37.8         D         LI         0.65         42.9         D           NB         TR         0.56         16.1         B         TR         0.59         16.8         B         I           Int.         20.8         C         Int.         23.3         C         I           EB         TR         0.71         29.1         C         TR         0.71         29.1         C           WB         T         1.12         96.8         F         T         1.14         105.7         F         +           NB         LTR         0.84         46.9         D         LTR         0.90         53.1         D         +           NB         Int.         63.9         E         Int.         69.1         E         I           Int.         63.9         E         Int.         69.1         E         I	LI TR Int. TR T R LTR Int.	0.69 43.5 D 0.61 18.2 B 25.0 C 0.70 28.1 C 1.12 96.7 F 0.77 36.7 D 0.86 49.5 D 63.5 E
Int.         20.8         C         Int.         23.3         C           3rd Avenue and Atlantic Avenue           TR         0.71         29.1         C           WB         T         0.71         29.1         C         TR         0.71         29.1         C           WB         T         1.12         96.8         F         T         0.71         29.1         C           NB         T         0.81         42.2         D         R         0.90         53.1         D         +           NB         LTR         0.64         46.9         D         LTR         0.84         46.9         D         +           Int.         63.9         E         Int.         69.1         E         -           Flatush Avenue and Fulton Street           EB         LTR         0.59         48.5         D         LTR         0.59         470.2         F         -	TR T R LTR Int.	0.01         10.2         D           25.0         C           0.70         28.1         C           1.12         96.7         F           0.77         36.7         D           0.86         49.5         D           63.5         E
EB         TR         0.71         29.1         C         TR         0.71         29.1         C           WB         T         1.12         96.8         F         T         1.14         105.7         F         +           NB         LTR         0.81         42.2         D         R         0.90         53.1         D         +           NB         LTR         0.84         46.9         D         LTR         0.84         46.9         D           Int.         63.9         E         Int.         69.1         E	TR T R LTR Int.	0.70 28.1 C 1.12 96.7 F 0.77 36.7 D 0.86 49.5 D 63.5 E
EB         TR         0.71         29.1         C         TR         0.71         29.1         C           WB         T         1.12         96.8         F         T         1.14         105.7         F         +           NB         R         0.81         42.2         D         R         0.90         53.1         D         +           NB         LTR         0.84         46.9         D         LTR         0.84         46.9         D         +           Int.         63.9         E         Int.         69.1         E	TR T R LTR Int.	0.70 28.1 C 1.12 96.7 F 0.77 36.7 D 0.86 49.5 D 63.5 E
WB         T         1.12         96.8         F         T         1.14         105.7         F         +           NB         R         0.81         42.2         D         R         0.90         53.1         D         +           NB         LTR         0.84         46.9         D         LTR         0.84         46.9         D         +           Int.         63.9         E         Int.         69.1         E         -         -           Flatbush Avenue and Fulton Street	T R LTR Int.	1.12         96.7         F           0.77         36.7         D           0.86         49.5         D           63.5         E
R         0.81         42.2         D         R         0.90         53.1         D         +           NB         LTR         0.84         46.9         D         LTR         0.84         46.9         D	LTR Int.	0.77 36.7 D 0.86 49.5 D 63.5 E
NB         LTR         0.04         40.9         D         LTR         0.04         40.9         D           Int.         63.9         E         Int.         69.1         E           Flatbush Avenue and Fulton Street           EB         LTR         0.59         48.5         D         LTR         0.59         49.5         D           WB         LT         1.44         E         LT         1.059         49.7         D	Int.	63.5 E
EB         LTR         0.59         48.5         D         LTR         0.59         48.5         D           WB         LT         1.49         1.54         E         LT         0.59         48.5         D		
EB LTR 0.59 48.5 D LTR 0.59 48.5 D		
W/D IT 116 1544 E IT 109 4070 E .		
VVD LI 1.10 104.4 F LI 1.20 197.9 F +		
ND R 0.52 26.5 C R 0.53 26.7 C		11
NB I 0.91 43.7 U I 0.93 43.2 U SB I 196 498.6 F I 201 5219 F +		Unmitigated
T 0.59 17.1 B T 0.60 17.3 B		
Int. 88.6 F Int. 95.7 F		
Flatbush Avenue and Lafayette Avenue*		
EB L 1.40 243.2 F L 1.48 278.4 F +	L 1	.43 255.5 F
LI 0.87 55.4 E LI 0.91 60.2 E +	LI 0 TP 1	.89 55.8 E
SB Deft 0.55 484 D Deft 0.55 487 D	Defl. C	58 50.8 D
T 0.78 19.8 B T 0.79 20.0 C	T 0	.80 21.1 C
Int. 63.0 E Int. 71.2 E	Int.	68.9 E
Flatbush Avenue and 4th Avenue		
NB 1 0.75 29.2 C 1 0.76 29.5 C		
SB 1 0.59 26.2 C 1 0.59 26.3 C 8 8 154 2834 F +		Unmitigated
Int. 45.8 D Int. 89.5 F		
Flatbush Avenue and Atlantic Avenue		
EB T 0.76 31.9 C T 0.76 31.9 C	Т	0.76 31.9 C
R 0.80 53.3 D R 0.80 53.3 D	R	0.78 50.5 D
WB IR 1.00 310.6 F IR 1.03 327.6 F +	R	1.59 309.3 F
NB T 0.75 29.0 C T 0.77 29.4 C	Ť	0.77 29.4 C
SB T 0.44 22.3 C T 0.44 22.4 C	Т	0.44 22.4 C
Int. 112.3 F Int. 116.0 F	Int.	110.5 F
4th Avenue and Atlantic Avenue		
EB T 0.67 30.0 C T 0.67 30.0 C	T	0.76 37.0 D
WB T 0.78 325 C T 0.79 331 C	T	0.90 43.0 D
NB L 0.90 78.7 E L 0.90 78.7 E	Ĺ	0.90 78.7 E
LR 0.88 74.9 E LR 0.88 74.9 E	LR	0.88 74.9 E
R 0.85 72.9 E R 0.85 72.9 E	R	0.85 72.9 E
SB LI 1.11 117.8 F LI 1.12 122.9 F +	R	0.92 61.2 E
Int. 55.3 E Int. 58.8 E	Int.	51.7 D
Ashland Place and Fulton Street		0111 8
EB LT 1.75 371.4 F LT 1.77 378.4 F +		
R 0.09 11.2 B R 0.12 11.6 B		
WB LT 0.71 22.1 C LT 0.72 22.3 C		
R 0.73 27.5 C R 0.73 27.5 C		
NB L 0.26 22.0 C L 0.34 23.5 C		Unmitigated
SR I 0.50 207 D I 0.64 461 D +		
TR 0.09 19.0 B TR 0.09 19.0 B		
Int. 123.3 F Int. 123.6 F		
Notes:		
L = Left-turn; T = Through; R = Right-turn; EB = Eastbound; WB = Westbound; NB = Northbound; SB = Southbound; Int. = Intersection, v/c Ratio = volume to capacity Ratio		
+ Denotes significant adverse impact		

+ Denotes significant adverse impact \* Traffic LOS results are shown to reflect the effects of the proposed pedestrian mitigation

<b>Table 19-7</b>
2025 No Action, With Action, and Mitigation Conditions LOS Analysis
Weekday Midday Peak Hour

Weekday Midday													
		2025 No	Action		2025 With Action				2025 Mitigation				
	Lane	v/c	Delay		Lane	v/c	Delay		Lane	v/c	Delay		
Intersection	Group	Ratio	(sec)	LOS	Group	Ratio	(sec)	LOS	Group	Ratio	(sec)	LOS	
	TD	4.05	440.4	-	Nevins Str	eet and Sch	ermerhorn s	Street	TD	4.04	1 10 0	-	
EB		1.25	146.1			1.27	154.5	F +		1.24	142.2		
VVD SB		0.37	226.5	D F		0.38	14.4	E +		0.36	13.0	В	
00	LIIX	1.40	220.5	'	LIIX	1.42	200.0	1 7	R	0.83	58.2	F	
	In	t.	159.9	F	In	t.	167.7	F	In	nt.	93.7	F	
					3rd Avenu	e and Sche	ermerhorn S	treet	u				
EB	L	1.22	164	F	L	1.23	168.2	F +	L	1.20	153.5	F	
NB	LT	1.04	85.4	F	LT	1.05	88.9	F +	LT	1.02	79.5	E	
Int.   115.8 F   Int.   119.5 F   Int.   108.1 F													
55			000.4	_	3rd A	venue and	State Street	-		1.00			
EB		1.34	226.4	F		1.37	239.1	+ +		1.32	214.9	F	
NB	IR	0.49	8.1	A	IR	+ 0.50	8.2	A	IR	0.51	8.7	A	
-	int.   /3.6   E    int.   /8.0   E    int.   71.0   E												
FB	I TR	0.80	72.6	F	ITR	0.81	74.3	F					
WB	IT	1 40	246.3	F	11	1 43	259.2	E +					
	R	0.17	16.7	B	R	0.18	16.8	B					
NB	Т	1.17	121.6	F	т	1.17	122.4	F		Unmit	tigated		
SB	L	2.68	814.3	F	L	2.69	821.1	F +			•		
	Т	0.66	18.5	В	Т	0.66	18.5	В					
	In	t.	201.6	F	In	t	204.3	F					
55		0.05	500.0	-	Flatbush A	venue and	Lafayette Av	enue*		1.00	500.4		
EB		2.05	529.6			2.06	535.6	F +		1.99	503.1	F	
NB	LI TP	0.88	55.6 101.2			0.89	56.6	E		0.87	52.9		
SB	Defl	0.69	56.8	F	Defl	0.70	57.4	F	Defl	0.73	60.8	F	
00	T	0.95	33.7	č	T	0.95	33.9	č	T	0.96	36.8	D	
	In	t.	113.1	F	In	t.	114.4	F	In	ıt.	111.8	F	
					Flatbus	h Avenue a	nd 4th Aven	ue				•	
NB	Т	0.74	28.9	С	Т	0.74	28.9	С	Т	0.73	27.9	С	
SB	T	0.96	48.4	D	Т	0.96	48.5	D	Т	0.94	44.9	D	
	R	1.48	260.7		R	1.50	267.4	F +	R	1.47	255.6	F	
-	Int. 84.5 F Int.					l. d Place and	00.3	et F	Ι <u>Ι</u> ΙΠΤ. δ2.2 F				
FB	IT	1.81	392.3	F		1.82	396.7	F +	ΙT	1 76	372 7	F	
LD	R	0.16	12.0	B	R	0.17	12.1	в	R	0.17	11.5	B	
WB	LT	0.76	28.0	Ċ	LT	0.76	28.4	c	LT	0.71	24.2	c	
	R	0.69	24.6	С	R	0.69	24.6	С	R	0.67	22.8	С	
NB	L	0.66	34.2	С	L	0.69	35.8	D	L	0.71	38.4	D	
	TR	0.55	26.5	C	TR	0.56	26.7	С	TR	0.58	28.0	С	
SB		0.57	32.7	C		0.58	33.0	C		0.61	35.6	D	
		+ 0.19	20.1		I K In	+ 0.19	20.1	C F		0.19	20.8		
		ι.	100.4		Ashland	lace and L	afavette Ave	nue		it.	152.5		
EB	LTR	1.00	41.9	D	LTR	1.01	44.5	D	LTR	1.01	44.5	D	
NB	TR	0.74	30.0	c	TR	0.77	31.5	Ċ	TR	0.77	31.5	c	
SB	LT	0.97	75.8	E	LT	1.01	87.9	F +	LT	0.89	55.4	E	
	In	t.	44.0	D	In	t	47.6	D	In	nt.	43.4	D	
		a	40.1	-	Fort Gree	ne Place ar	d Hanson P	lace		0.55	a · -		
ÉB	rr Tr	0.57	18.4	В	I'R	0.59	19.1	в		0.62	21.0	C	
VVB		0.42	15.4	Б		0.42	15.5	в.		0.45	16.9	В	
SB	I TR	0.33	13.2	B		0.33	13.3	B +		0.95	12.5	В	
55	In	t.	30.4	C	In	t.	34.0	c	In	1. 0.02	29.6	c	
Notes:				-		-		-					
L = Left-turn; T	= Through:	R = Right-	turn; EB = E	astbound	d; WB = West	oound; NB =	Northbound	; SB = Southbou	und; Int. = Inte	rsection			
· Domotoo olani	Course a division												

L = Left-turn; I = I hrough; R = Right-turn; EB = Eastbound; WB = Westbound; NB = North + Denotes significant adverse impact \* Traffic LOS results are shown to reflect the effects of the proposed pedestrian mitigation

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						N	/eekday PM					
		2025 No A	ction			2025 With Action				ion		
Intersection	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
					Nevins St	reet and Sch	ermerhorn Stree	t	n			
FB	TR	1 16	109.4	F	TR	1 22	134.8	F +	TR	1 17	112.3	F
WB	LT	0.23	11.7	B	LT	0.24	11.8	в	LT I	0.23	10.7	B
SB	LTR	1.48	257.7	F	LTR	1.55	288.1	F +	LT.	0.92	57.8	Ē
		-							R	0.97	88.0	F
	Int		162.6	F	Int		189.3	F	Int.		84.9	F
Nevins Street and State Street												
EB	TR	0.78	37.7	D	TR	0.79	38.7	D	TR	0.79	38.7	D
SB	LT	0.90	36.8	D	LT	1.00	55.8	E +	LT	0.94	42.4	D
	Int		37.2	D	Int		49.2	D	Int.		40.9	D
					3rd Aver	ue and Sche	rmerhorn Street					
EB	L	1.16	140.0	F	L	1.17	143.7	F +	L	1.14	130.0	F
NB	LT	0.94	60.5	E	LT	0.99	70.6	E +	LT	0.96	63.7	E
	Int		90.9	F	Int		97.9	F	Int.		88.5	F
					3rd	Avenue and \$	State Street					
EB	LT	1.65	357.5	F	LT	1.84	441.3	F +	LT	1.63	343.3	F
NB	TR	0.41	7.10	A	TR	0.43	7.30	A	TR	0.46	8.60	A
	Int		134.9	F	Int		172.7	F	Int.		136.2	F
					Flatbush	Avenue and	DeKalb Avenue					
WB	LTR	1.67	349.3	F	LTR	1.68	350.9	F	LTR	1.68	350.9	F
NB	Т	0.87	32.4	С	Т	0.89	33.7	С	Т	0.88	32.0	С
SB	TR	1.03	57.3	E	TR	1.04	61.3	E +	TR	1.02	55.3	E
	Int		118.9	F	Int		120.6	F	Int.		117.4	F
					Flatbus	h Avenue and	d Fulton Street					
EB	LTR	0.84	74.4	E	LTR	0.90	88.4	F +				
WB	LT	1.50	290.5	F	LT	1.71	379.7	F +				
	R	0.37	19.8	В	R	0.39	20.3	C				
NB	Т	0.95	52.1	D	T	0.97	54.5	D		Unmitigate	ed	
SB	Ļ	2.40	690.0	F	Ļ	2.43	704.4	F +				
	I	0.66	18.3	В		0.67	18.4	в				
	Int		147.9	F	Int		159.3	F				
				-	Flatbush	Avenue and L	afayette Avenue	e*	n . r			-
EB	.L.	1./1	378.9	- F	L.	1.79	415.8	F +	L.	1.65	354.2	F
ND		0.95	65.8			0.97	/1./	E +		0.92	59.2	E F
ND SB	Dofi	0.56	94.0		Dof	0.57	101.4	F +	Dofl	1.13	101.4	
35	T	0.56	34.0	C	DeiL	0.57	44.0	D	T	1.00	40.1	D
	Int	0.30	90.9	Ē	Int	0.30	08.0	5	Int	1.00	43.7	5
	int		05.0		Elathu	eh Avonuo ar	d 4th Avenue				55.1	
NR	т	0.71	27.9	C	T	0.71	28.0	C	1			
ND CD	+	0.71	27.0		- +	0.71	20.0					
36	R	1.57	208.1	F	R	1.67	340.7	E ±		Unmitigate	ed	
	Int	1.07	94.1	F	Int	1.07	107.2	F				
	inte		34.1		Flathush	Avenue and	Atlantic Avenue		11			
FR	т	1.04	68.5	F	T	1 04	69.9	F	Т	1.04	69.9	E
20	Ř	1.56	311.5	F	R	1.56	311.5	F	R	1.51	286.9	F
WB	TR	1.38	218.6	F	TR	1.40	225.8	F +	TR	1.36	209.4	F
	R	0.98	89.6	F	R	0.98	89.6	F	R	0.95	81.6	F
NB	т	0.73	28.2	С	т	0.74	28.4	С	т	0.74	28.4	С
SB	Т	0.67	26.8	С	Т	0.68	27.0	C	Т	0.68	27.0	С
	Int		98.4	F	Int		100.3	F	Int.		94.9	F
					Ashla	nd Place and	Fulton Street					
EB	LT	2.09	516.8	F	LT	2.11	526.7	F +				
	R	0.18	12.3	В	R	0.21	12.6	В	l			
WB	LT	1.33	193.2	F	LT	1.35	199.0	F +	l			
	R	0.65	25.2	С	R	0.65	25.2	C				
NB	L	0.87	55.5	E	L	1.08	103.5	F +	l	Unmitigate	d	
	I'R	0.62	28.5	C	I'R	0.69	30.8	C	l			
SB		0.95	77.9	E		1.03	102.7	F +				
	IK	0.34	22.5		IK	0.34	22.5					
	Int		240.6	F	Int	Bloop and I	245.7	F	11			
ED.	1.70	0.04	24.0	<u> </u>	Ashland	Fiace and La		C	170	0.00	20.7	
EB		0.81	24.9			0.84	20.0 79.9	<u> </u>		0.90	33.7	Ē
IND CD		0.84	54.1			0.99	/0.0			0.90	20.9	
зв	L]  -4	1.20	100.3		L    -4	1.42	200.7	- +	LI Int	1.13	130.9	
- III. 49.0 U IIII. 00.0 E III. III. 52.3 U												
ED	TD	0.75	25.7	<u> </u>	Fort Gre	o 79		C	тр	0.00	44.2	
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# Table 19-8 2025 No Action, With Action, and Mitigation Conditions LOS Analysis Weekday PM Peak Hour

#### Nevins Street and Schermerhorn Street

The significant adverse impacts at the southbound approach of this intersection during the weekday AM and midday peak hours could be fully mitigated by restriping southbound approach with one 11-foot shared left-through lane and one 11-foot right turn lane, shifting 1 second of green time from the southbound phase to the eastbound phase, and changing the

#### ECF 80 Flatbush Avenue

parking regulation on the west curbside of southbound approach to No Standing Anytime. The significant adverse impact at the southbound approach during the weekday PM peak hour could be fully mitigated by the same mitigation measures described above but would require a shift of 2 seconds of green time from the southbound phase to the eastbound phase.

#### Nevins Street and State Street

The significant adverse impact at the southbound approach of this intersection during the weekday PM peak hour could be fully mitigated by changing the parking regulation on the west curbside of the southbound approach to 1 hour metered parking 9 AM to 4 PM and No Standing 4 PM to 7 PM except Sunday.

#### *3rd Avenue and Schermerhorn Street*

The significant adverse impacts at the eastbound and northbound approaches at this intersection during the weekday AM peak hour could be fully mitigated by shifting 3 seconds of green time from the all-pedestrian phase, with 1 second to the eastbound phase and 2 seconds to northbound phase. The significant adverse impacts at the eastbound and northbound approaches at this intersection during the weekday midday and PM peak hours could be fully mitigated by shifting 2 seconds of green time from the all-pedestrian phase, with 1 second to the eastbound phase and 1 second to northbound phase.

#### *3rd Avenue and State Street*

The significant adverse impacts at the eastbound approach at this intersection during the midday, and PM peak hours could be fully mitigated by shifting 1 and 3 seconds of green time from the northbound phase to the eastbound phase, respectively.

#### 3rd Avenue and Atlantic Avenue

The significant adverse impact at the westbound through and westbound right at this intersection during the weekday AM peak hour could be fully mitigated by shifting 1 second of green time from the northbound phase to the eastbound/westbound phase, and by changing the parking regulation on the north curbside of the westbound approach to No Standing 7 AM to 10 AM, 2 hour metered parking 10 AM to 7 PM, except Sunday.

#### Flatbush Avenue and DeKalb Avenue

The significant adverse impacts at the southbound approach at this intersection during the weekday PM peak hour could be fully mitigated by shifting 1 second of green time from the eastbound/westbound leading pedestrian interval phase to the northbound/southbound phase.

#### Flatbush Avenue and Fulton Street

The significant adverse impacts at the westbound left-through and southbound left-turn during the weekday AM, midday, and PM peak hours, and at the eastbound approach during the weekday PM peak hour, could not be mitigated.

#### Flatbush Avenue and Lafayette Avenue

The significant adverse impacts at the eastbound left-turn during the weekday AM, midday, and PM peak hours, at the eastbound left-through during the weekday PM peak hour, and northbound approach during the weekday AM and PM peak hours could not be mitigated.

#### Flatbush Avenue and State Street

The eastbound approach at the Flatbush Avenue and State Street intersection would operate at a LOS better than mid-LOS D in the weekday AM, midday, and PM peak hours in the 2025 With Action condition. The eastbound approach would be a location with a potential for additional significant traffic impacts that would be fully mitigated by installing a traffic signal, should the DOT project not signalize the intersection as proposed in their 2016 plans.

#### Flatbush Avenue and 4th Avenue

The significant adverse impact at the southbound right-turn during the weekday midday peak hour could be fully mitigated by shifting 1 second of green time from the all-pedestrian phase to the northbound/southbound phase. The significant adverse impact at the southbound right-turn during the weekday AM and PM peak hours could not be fully mitigated.

#### Flatbush Avenue and Atlantic Avenue

The significant adverse impact at the westbound through-right during the weekday AM and PM peak hour could be fully mitigated by shifting 1 second of green time from the eastbound-through only phase to the eastbound/westbound phase.

#### 4th Avenue and Atlantic Avenue

The significant adverse impacts at the southbound left-through and right-turn during the weekday AM peak hour could be fully mitigated by shifting 6 seconds of green time from the eastbound/westbound phase to the southbound phase.

#### Ashland Place and Fulton Street

The significant adverse impact at the eastbound left-through during the weekday midday peak hour could be fully mitigated by shifting 1 second of green time from the northbound/southbound phase to the eastbound/westbound phase. The significant adverse impacts at the eastbound left-through, westbound left-through, northbound left, and southbound left during the weekday AM and PM peak hour could not be mitigated.

#### Ashland Place and Lafayette Avenue

The significant adverse impact at the southbound approach during the weekday midday peak hour could be fully mitigated by changing the parking regulation on the west curbside of the southbound approach to No Standing 11 AM to 2 PM Monday to Friday. The significant adverse impacts at the southbound approach and northbound approach during the weekday PM peak hour could be fully mitigated by the same mitigation measures described above and by shifting 4 seconds of green time from the eastbound phase to the northbound/southbound phase.

#### Fort Greene Place and Hanson Place

The significant adverse impacts at the northbound approach during the weekday midday and PM peak hours could be fully mitigated by shifting 1 and 3 seconds of green time from the eastbound/westbound phase to the northbound/southbound phase, respectively.

#### EFFECTS OF TRAFFIC MITIGATION ON PEDESTRIAN OPERATIONS

As described above, intersection operations would improve overall with the implementation of the recommended traffic mitigation measures, which include changes to existing signal timings, parking regulations, and lane geometries. A review of the effects of these changes on pedestrian circulation and service levels at intersection corners and crosswalks showed that they would not alter the conclusions made for the pedestrian impact analyses, nor would they result in the potential for any additional significant adverse pedestrian impacts.

#### PEDESTRIANS

As discussed in Chapter 11, "Transportation," pedestrian conditions were evaluated at 8 sidewalks, 9 corner reservoirs, and 10 crosswalks for the weekday AM, midday, and PM peak hours. In the 2025 With Action condition, the proposed project would result in significant adverse pedestrian impacts at the north crosswalk at 3rd Avenue and State Street during the weekday AM, midday, and PM peak hours, and at the south crosswalk at Flatbush Avenue and Lafayette Avenue / Schermerhorn Street during the weekday PM peak hour.

The pedestrian mitigation measures and mitigated conditions are summarized in **Table 19-9**. Implementation of these measures would be subject to approval by DOT prior to implementation. Measures that consist of crosswalk restriping and signal timing changes within certain guidelines are generally considered feasible.

**Table 19-9** 

2025 No Action,	With Action,	and Mitigati	ion Conditions
	Pedestria	n Level of Se	ervice Analysis

		2025 No Action		2025 Witl	n Action	2025 Mitigation	
Location	Mitigation Measures SFP LOS		LOS	SFP	LOS	SFP	LOS
	Weekday AM Peak	Hour					
North Crosswalk of 3rd Avenue and	Widen the north crosswalk by 3						
State Street	feet, from 11.5 feet to 14.5 feet	28.85	С	19.06	D	24.93	С
	Weekday Midday Pea	k Hour					
North Crosswalk of 3rd Avenue and	Widen the north crosswalk by 3						
State Street	feet, from 11.5 feet to 14.5 feet	8.20	E	6.63	F	8.76	E
	Weekday PM Peak	Hour					
North Crosswalk of 3rd Avenue and	Widen the north crosswalk by 3						
State Street	feet, from 11.5 feet to 14.5 feet	7.66	F	5.59	F	7.43	F
South Crosswalk of Flatbush	Shift 2 seconds of green time						
Avenue and Lafayette Avenue /	from the NB/SB phase to the						
Schermerhorn Street	EB/WB phase	16.55	D	13.60	E	15.33	D

As outlined in Chapter 11, "Transportation," the 4th Avenue and Flatbush Avenue intersection would be a location with a potential for additional significant pedestrian impacts whose mitigation would be investigated in the FEIS, should the DOT project not signalize the intersection of State Street and Flatbush Avenue to provide an additional signalized pedestrian crossing at State Street as proposed in their 2016 plans. In addition, the Lafayette Avenue and Flatbush Avenue and Schermerhorn Street and Flatbush Avenue intersections would be locations with a potential for additional significant pedestrian impacts whose mitigation would be investigated in the FEIS, should the DOT project not close Schermerhorn Street between 3rd Avenue and Flatbush Avenue to provide the pedestrian plaza as proposed in their 2016 plans.

#### EFFECTS OF PEDESTRIAN MITIGATION ON TRAFFIC OPERATIONS

Because signal timing changes were also recommended for the weekday PM peak period, a review of the effects of these changes on traffic operations were undertaken at the affected intersections. This review concluded that the recommended shift in signal timing would not result in the potential for any additional intersections to have significant adverse traffic impacts.

#### MITIGATION IMPLEMENTATION

Subject to the approvals of DOT, the above recommended mitigation measures would be implemented to mitigate the projected significant adverse traffic impacts at the completion of the proposed project in 2025.

# F. CONSTRUCTION

# NOISE

Chapter 16, "Construction," concludes that the proposed project would have the potential to result in significant adverse construction noise impacts throughout the project site and at sensitive receptors in the vicinity of the project site. The detailed modeling analysis concluded that construction of the proposed project has the potential to result in construction noise levels that exceed *CEQR Technical Manual* noise impact criteria for an extended period of time at residences immediately across State Street south of the project site, the existing Khalil Gibran International Academy, and residences along 3rd Avenue between Schermerhorn Street and Atlantic Avenue.

Construction noise levels of this magnitude for such an extended duration would constitute a significant adverse impact. Field observations determined that many of these buildings have insulated glass windows and alternate means of ventilation (i.e., air conditioning). Even with these measures, buildings with this construction would be expected to experience interior  $L_{10(1)}$  values greater than the 45 dBA guideline recommended for residential and community spaces according to CEQR noise exposure guidelines. Older buildings that do not include insulated windows and alternate means of ventilation would be expected to experience higher interior noise levels.

Between the Draft and Final Environmental Impact Statements, additional control measures beyond those already identified in Chapter 16, "Construction," will be explored to determine if there are feasible and practicable measures that could mitigate the potential construction noise impacts listed above. Such measures would include source controls (e.g., changes to construction equipment or logistics) and/or path controls (e.g., noise barriers or enclosures) and will be focused on the dominant sources of construction noise identified in the construction noise analysis, i.e., demolition, excavation, and foundation construction. In the event that no additional practicable and feasible mitigation measures are determined, the significant adverse construction noise impacts identified in Chapter 16, "Construction," would be unavoidable.

#### Chapter 20:

#### Alternatives

# A. INTRODUCTION

In accordance with the 2014 *City Environmental Quality Review (CEQR) Technical Manual*, alternatives selected for consideration in an Environmental Impact Statement (EIS) are generally those that are feasible and have the potential to reduce, eliminate, or avoid any adverse impacts of a proposed action while meeting some or all of the goals and objectives of the action. As described in Chapter 1, "Project Description," the proposed actions consist of a series of land use approvals to facilitate the redevelopment of the project site with a new mixed residential, community facility, and commercial development. Alternatives in this chapter are assessed to determine to what extent they would meet the goals and objectives of the proposed project, which are to facilitate the productive use of the project site by replacing the existing Khalil Gibran International Academy with a new state-of-the-art facility to help achieve a better learning environment by providing modern educational facilities; providing an additional 350-seat lower school to provide additional public school capacity in Community School District (CSD) 15. In addition, the proposed project would introduce a total of approximately 922 dwelling units (DUs), approximately 245,000 gross square feet (gsf) of office space, approximately 50,000 gsf of retail space, and approximately 15,000 gsf for a cultural community facility. Of the 922 DUs, approximately 200 DUs would be affordable.

This chapter considers two alternatives to the proposed project:

- A No Action Alternative, which is mandated by CEQR and the State Environmental Quality Review Act (SEQRA), and is intended to provide the lead and involved agencies with an assessment of the expected environmental impacts of no action on their part.
- A No Unmitigated Significant Adverse Impacts Alternative, which considers a project program which would eliminate the proposed project's unmitigated significant adverse impacts.

# **B. PRINCIPAL CONCLUSIONS**

#### NO ACTION ALTERNATIVE

The No Action Alternative examines future conditions on the project site and surrounding area, but assumes the absence of the proposed actions (i.e., none of the discretionary approvals proposed as part of the proposed actions would be adopted). Under the No Action Alternative, existing zoning would remain in the area affected by the proposed actions. It is anticipated that the non-City-owned portion of the project site would be developed with an as-of-right mixed-use building (400 feet in height, including bulkhead) that complies with the current zoning regulations, and that the Khalil Gibran International Academy would remain in its existing facility. With the No Action Alternative, no replacement school facility would be provided for Khalil Gibran International Academy, and a new lower school would not be provided. The obsolete conditions of the existing high school would continue and the increased school capacity that would occur with the new 350-seat lower school would not be achieved. In addition, as compared to the proposed actions, the benefits associated with improved economic activity, cultural community facility space, and the substantial amount of affordable housing would be not realized.

#### NO UNMITIGATED SIGNIFICANT ADVERSE IMPACTS ALTERNATIVE

The No Unmitigated Significant Adverse Impacts Alternative examines a scenario in which the density and other components of the proposed actions are changed specifically to avoid the unmitigated significant adverse impacts associated with the proposed actions. There is the potential for the proposed actions to result in unmitigated significant adverse impacts related to shadows, historic and cultural resources, transportation (traffic), and construction (noise).

# C. NO ACTION ALTERNATIVE

The No Action Alternative examines future conditions on the project site and surrounding area, but assumes the absence of the proposed actions (i.e., none of the discretionary approvals proposed as part of the proposed actions would be adopted). With the No Action Alternative, the non-City-owned portion of the project site would be developed with an as-of-right mixed-use building (400 feet in height, including bulkhead) that complies with the current zoning regulations, and the Khalil Gibran International Academy would remain in its existing facility. The development under the No Action Alternative would contain approximately 252,590 gsf of market-rate residential use (approximately 281 DUs), approximately 53,185 gsf of retail space, approximately 2,108 gsf of community facility, and approximately 20,000 gsf of parking use (approximately 130 accessory spaces), as well as the existing public school use (approximately 43,750 gsf). In addition, approximately 6,379 sf of passive open space would be provided at the easternmost portion of the project site at Flatbush Avenue and State Street.

#### LAND USE, ZONING, AND PUBLIC POLICY

With the No Action Alternative, it is expected that the current land use trends and general development patterns would continue. There are no public policy changes anticipated for the project area or surrounding study areas. As noted above, the project site would be occupied with the existing high school and 281 DUs, approximately 53,185 gsf of retail space, approximately 2,108 gsf of community facility, and approximately 130 accessory parking spaces. Trends in the surrounding area are characterized by a mix of uses and primarily include residential and commercial development. Within the 400-foot study area, there are five development projects expected to be completed—15 Lafayette Avenue, 333 Schermerhorn Street, 300 Ashland Place, 93 Rockwell Place, and 509 Pacific Street "The Hendrik"—which are currently under construction or recently completed and not fully occupied. These developments would add 1,281 DUs, 16,476 sf of retail uses, 138,563 sf of hotel uses, and 71,437 sf of community facility uses to the study area. Located immediately beyond the 400-foot study area, a 40-story, mixed-use residential and commercial office building at 570 Fulton Street would be developed. The building would contain 139 DUs, 89,846 gsf of office space, and 12,433 gsf of retail space. The surrounding neighborhoods (within a <sup>1</sup>/<sub>4</sub>-mile study area) would be developed with approximately 1,500 DUs, as well as commercial and community facility space. No other changes to land use are anticipated within the study area.

In terms of zoning, no changes to zoning are currently anticipated to affect the project site or 400foot study area; however, located just beyond 400 feet of the project site, a portion Block 2106, generally bounded by Flatbush Avenue and Fulton Street, would be rezoned. The zoning map amendment would change the underlying C6-4 district to a C6-9 district. The existing C6-4 district allows residential, community facility, and commercial uses constructed to a FAR of 12. The proposed C6-9 district would allow residential uses to a FAR of 12; however, pursuant to a zoning text amendment, commercial and community facility uses would have a FAR of 18.

#### SOCIOECONOMIC CONDITIONS

The No Action Alternative, like the proposed project would not result in significant adverse impacts related to socioeconomic conditions. Under the No Action Alternative, the project site would be redeveloped with new residential and commercial space, which could displace four DUs and five businesses. The four DUs are not rent controlled or rent stabilized, and have leases that expire in 2018. The commercial tenants have leases (or license agreements) that expire on or before 2019. The direct displacement would not result in significant adverse impacts. In addition, neither the proposed project nor the No Action Alternative would result in indirect residential and business displacement. The anticipated socioeconomic benefits of the proposed project, including the development of affordable housing and new office space to support job creation, would not be realized under the No Action Alternative.

# **COMMUNITY FACILITIES**

The No Action Alternative would introduce fewer residents to the community facilities study area as compared with the proposed project and, therefore, would result in a smaller increase in demand on area community facilities. As with the proposed project, the No Action Alternative would not result in any significant adverse impacts with regard to public schools; child care facilities; library services; or police, fire, and emergency medical services. It is expected that publicly funded child care slots and intermediate schools would operate with a deficit under the No Action Alternative. Furthermore, new and improved high school facilities and the additional lower school capacity (approximately 350 seats) introduced by the proposed project would not be realized in the No Action Alternative.

# **OPEN SPACE**

Like the proposed project, the No Action Alternative would not result in significant adverse impacts on open space. The No Action Alternative would provide an approximately 0.146-acre passive open space on the project site near the intersection of Flatbush Avenue and State Street. In addition, several new open spaces are expected in the surrounding area: Fowler Square Plaza, Brooklyn Academy of Music (BAM) Park, the New York City Department of Transportation (DOT) 3rd Avenue Plaza, Pacific Park, and Willoughby Square, which would provide improved open space amenities for users within the study area. As the No Action Alternative would include some passive open space on the project site and would introduce fewer residents and workers than the proposed project, in terms of indirect effects, the open space ratios for both the non-residential and residential study areas under the No Action Alternative would, generally be slightly higher than those under the proposed project. Like the proposed project, the No Action Alternative would not result in any significant adverse impacts associated with direct effects on area open spaces.

#### SHADOWS

Unlike the proposed project, the No Action Alternative would not result in significant adverse shadow impacts. The significant adverse shadow impacts to BAM South Plaza located at 300 Ashland Place, the Rockwell Place Bears Community Garden, and Temple Square would not occur in the No Action Alternative. With the No Action Alternative, it is assumed an approximately 400-foot tall building would be developed on the non-City-owned portion of the project site. The No Action Alternative would remove all incremental shadow from the affected sunlight-sensitive resources described in Chapter 6, "Shadows." The No Action Alternative would not result in a significant shadow impact on any sunlight-sensitive resources.

#### HISTORIC AND CULTURAL RESOURCES

As compared to the proposed project, the No Action Alternative would not result in significant adverse impacts associated with the demolition of the five historic buildings composing the Khalil Gibran International Academy, as the existing high school would remain. However, the No Action Alternative could result in the potential for significant adverse construction-related impacts to the five historic buildings composing the school and the residential buildings on the south side of State Street (522-550 State Street), which would not occur with the proposed actions because a Construction Protection Plan (CPP) would be developed in coordination with LPC to protect the historic buildings. Under the No Action Alternative, the public high school on the western portion of the site would remain in its existing facility, and the remainder of the project site would be redeveloped with a new 400-foot-tall building incorporating residential, community facility, and retail uses, and enclosed parking. In addition, approximately 6,379 sf of privately owned public space (POPS) would be created at the southeast corner of the site at the intersection of Flatbush Avenue and State Street.

Under the alternative, the historic buildings on the western portion of the project site would not be renovated or restored. Although the No Action Alternative would avoid the demolition of the historic buildings, this alternative would also compromise the proposed project's stated goals (e.g., new school facilities, new office space, affordable housing). Construction would not occur within 90 feet of the Baptist Temple, but would occur within 90 feet of the historic buildings on the western portion of the project site, as well as the architectural resources on the south side of State Street (522-550 State Street), and thus could have the potential to directly (i.e., physically) affect architectural resources during construction activities. Under the alternative, development would occur as-of-right and no mechanisms would be in place to require additional measures beyond building code that would be provided with the proposed project to protect resources that are not listed on the State and National Registers of Historic Places (S/NR) or New York City Landmarks (NYCL). It is anticipated that such resources would be offered some protection through New York City Department of Buildings (DOB) controls governing the protection of adjacent properties from construction activities; however, the protections to avoid construction-related damage to historic structures under Technical Policy and Procedure Notices (TPPN) #10/88 would not be required for the historic buildings on the western portion of the project site and along the south side of State Street as these are not listed on the S/NR.

#### URBAN DESIGN AND VISUAL RESOURCES

The No Action Alternative, like the proposed project, would not result in significant adverse impacts to urban design and visual resources; however, the benefits associated with proposed project's increased pedestrian activity and uniform streetwalls would not be realized. Absent the proposed actions, it is assumed that the existing Khalil Gibran International Academy would remain in its existing facility, and the remainder of the project site would be redeveloped with an as-of-right 31-story (approximately 400 feet in height, including bulkhead) mixed-use building that complies with the current zoning regulations. The new development under the No Action Alternative would contain residential, retail, and community facility uses as well as a parking facility. The building would have an approximately 13,330-sf footprint and would appear as one large building.

#### **HAZARDOUS MATERIALS**

Like the proposed project, the No Action Alternative would require testing and remediation in accordance with the requirements of an (E) Designation mapped on the project site. With the No Action Alternative, it is anticipated that the existing Khalil Gibran International Academy on the

project site would remain in its existing facility, and the remainder of the buildings would be demolished and new buildings constructed, requiring a comparable amount of subsurface disturbance to that associated with the proposed project. The area where the new buildings would be constructed (Lots 9, 13, 18, 23, and 24) would be governed by the existing (E) Designation for hazardous materials, and therefore would be subject to pre- and post-construction requirements, overseen by the New York City Office of Environmental Remediation (OER).

#### WATER AND SEWER INFRASTRUCTURE

Neither the proposed project nor the No Action Alternative would result in significant adverse impacts on the City's water supply, wastewater treatment, or stormwater conveyance infrastructure. Compared with the proposed project, the No Action Alternative would generate less demand on the City's water supply and wastewater treatment infrastructure. Similar to the proposed project, the incorporation of selected best management practices (BMPs) would be required as part of the New York City Department of Environmental Protection (DEP) site connection application process for new buildings. In addition, DEP's capital plan currently in design proposes to install a high level storm sewer in State Street between 3rd and 4th Avenues. The anticipated construction completion date is 2020.

#### TRANSPORTATION

As discussed below, unlike the proposed actions, the No Action Alternative would not result in any significant adverse impacts with respect to transportation. Unlike the proposed actions, the No Action Alternative would not result in significant adverse traffic impacts to 8, 8, and 11 intersections in the weekday AM, midday, and PM peak hours, respectively. As with the proposed actions, demand for off-street parking spaces within the <sup>1</sup>/<sub>4</sub>-mile parking study area would exceed capacity during the weekday AM, midday, and PM peak periods. Unlike the proposed actions, however, there would be available off-street parking capacity in the weekday overnight period in the No Action Alternative.

In the No Action Alternative, traffic, parking, transit, and pedestrian demand in the study area would increase as a result of background growth, development that could occur pursuant to existing zoning (i.e., as-of-right development), and other development projects likely to occur within and in the vicinity of the project area.

#### TRAFFIC

Independent of the proposed actions, traffic level of service (LOS) at many locations in the study area would experience congested conditions in the future. Under the No Action Alternative, of the 15 signalized intersections and one unsignalized intersection analyzed (containing 63 total lane groups), 31, 36, and 42 lane groups (all signalized) would operate at LOS D or worse during the weekday AM, midday, and PM peak hours, respectively; this is compared with 34, 37, and 44 lane groups (all signalized) operating at LOS D or worse during the corresponding peak hours under the proposed actions. There would be no intersections with significant adverse traffic impacts under the No Action Alternative compared with 8, 8, and 11 impacted intersections during the weekday AM, midday, and PM peak hours, respectively, under the proposed actions.

#### TRANSIT

Like the proposed actions, the No Action Alternative would not result in any significant adverse impacts to stairs, fare arrays, other station elements, or subway/bus line-haul conditions. Under the No Action Alternative, the analyzed subway station elements would experience an increase in

demand as a result of background growth and future developments anticipated within and in the vicinity of the project area.

#### PEDESTRIANS

Unlike the proposed actions, the No Action Alternative would not result in significant adverse pedestrian impacts to one crosswalk during the AM and midday peak hours, and two crosswalks during the PM peak hour. Unlike the proposed actions, the No Action Alternative would not result in any significant adverse impacts to sidewalks, corner area, or crosswalks in any of the peak hours analyzed. Under the No Action Alternative, pedestrian volumes along analyzed sidewalks, corner areas, and crosswalks are expected to increase compared with existing levels as a result of background growth as well as demand from new development.

#### PARKING

Like the proposed project, the No Action Alternative would not result in a significant adverse parking impact. The No Action Alternative would result in less demand on parking because it is smaller than the proposed project and would provide accessory parking spaces. Under the No Action Alternative, it is anticipated that demand for the area's off-street parking would increase due to new development and general background growth.

#### **AIR QUALITY**

Like the proposed actions, the No Action Alternative would not result in significant adverse impacts. With the No Action Alternative, stationary source emissions in the area would be higher than existing conditions due to planned development.

#### MOBILE SOURCES

 $PM_{10}$  concentrations in the No Action condition were determined for using the methodology previously described. Predicted future  $PM_{10}$  24-hour concentrations, including background concentrations, at the analyzed intersection in the No Action condition are presented in **Table 20-1**. The values shown are the highest predicted concentrations for the receptor locations. As shown in the table, No Action condition concentrations are predicted to be well below the  $PM_{10}$  National Ambient Air Quality Standards (NAAQS).

#### Table 20-1 Maximum Predicted 24-Hour Average PM<sub>10</sub> No Action Concentration (ug/m<sup>3</sup>)

Analysis Site	Location	Concentration						
1	State Street and 3rd Avenue	53.3						
Notes: NAAQS—24-hou Concentration in	Notes: NAAQS—24-hour average 150 μg/m <sup>3</sup> .							

#### NOISE

The No Action Alternative, like the proposed actions, would not result in significant adverse impacts. In the No Action Alternative, traffic volumes would increase in the area due to general background growth and trips associated with new development that would be independent of the proposed project. In addition, under the No Action Alternative, Schermerhorn Street is expected to be closed between 3rd and Flatbush Avenues. The maximum increase in 1-hour equivalent sound level (Leq<sub>(1)</sub>) noise levels for the No Action condition would be up to 5.1 A-weighted

decibels (dBA) greater than existing noise levels along State Street. Changes of this magnitude would be considered noticeable. The increases in noise level along State Street would occur because of additional traffic volume on State Street rerouted as a result of the future closure of Schermerhorn Street between 3rd Avenue and Flatbush Avenue. Like the proposed project, the as-of-right development on the project site would be subject to the window-wall attenuation requirements of the existing (E) Designation.

#### CONSTRUCTION

As the amount of new construction under the No Action Alternative would be less as compared with the proposed project, the No Action Alternative would not generate as much temporary construction disruption; however, as compared to the proposed project, the No Action Alternative would have the potential to result in construction-related impacts to architectural resources located on western portion of the project site and the south side of State Street. The No Action Alternative would result in shorter durations of construction-related noise and traffic than the proposed project. In the No Action Alternative, it is assumed that the non-City-owned portion of the project site would be developed with an as-of-right mixed-use building that complies with the current zoning regulations, and the Khalil Gibran International Academy would remain in its existing facility. Development in the No Action Alternative would occur on the easternmost portion of the project site and would generally result in fewer effects to sensitive receptors located along 3rd Avenue and State Street due to the proximity of construction activity. Under the alternative, construction would occur within 90 feet of the existing school at 362 Schermerhorn Street, as well as the architectural resources on the south side of State Street (522-550 State Street), and could have the potential to directly (i.e., physically) affect architectural resources during construction activities. Under the No Action Alternative, development would occur as-of-right and no mechanisms would be in place to require additional measures beyond building code that would be provided with the proposed project to protect resources that are not listed on the S/NR or NYCLs.

# D. NO UNMITIGATED SIGNIFICANT ADVERSE IMPACTS ALTERNATIVE

The No Unmitigated Significant Adverse Impacts Alternative examines a scenario in which the density and other components of the proposed project are changed specifically to avoid the unmitigated significant adverse impacts associated with the proposed project. Based on the analyses presented in other chapters of this EIS, there is the potential for the proposed actions to result in a number of significant adverse impacts for which no practicable mitigation has been identified. Specifically unmitigated impacts were identified with respect to shadows, historic and cultural resources, transportation (traffic), and construction (noise). This alternative considers development that would not result in any significant adverse impacts that could not be fully mitigated. However, to eliminate all unmitigated significant adverse impacts, the proposed actions would have to be modified to a point where the principal goals and objectives of the proposed actions would not be fully realized.

#### SHADOWS

As described in Chapter 6, "Shadows," the proposed actions would result in significant adverse impacts to three open spaces. The detailed analysis found that the Rockwell Place Bears Community Garden, the BAM South Plaza at 300 Ashland Place, and Temple Square would be significantly impacted by new shadow originating from proposed project. The duration or extent of incremental shadow cast on these open spaces would be great enough to potentially impact the utility of the open space or its ability to support vegetation.

#### ECF 80 Flatbush Avenue

Possible measures that could mitigate significant adverse shadow impacts on open spaces may include relocating sunlight-sensitive features within an open space to avoid sunlight loss; relocating or replacing vegetation; undertaking additional maintenance to reduce the likelihood of species loss; or providing replacement facilities on another nearby site. Other potential mitigation strategies include the redesign or reorientation of the open space site plan to provide for replacement facilities, vegetation, or other features. In addition, the *CEQR Technical Manual* identifies strategies to reduce or eliminate shadow impacts, including modifications to the height, shape, size, or orientation of a proposed development that creates the significant adverse shadow impact.

Temple Square is a small plaza located north-adjacent to the project site. Half the space receives less than 4 hours of sun in the No Action condition on March 21 and September 21, and the other half receives 4 to 5 hours, so virtually any duration of incremental shadow over 10 minutes falling on Temple Square on that analysis day would significantly impact any shade-intolerant species of trees and plantings, because they are already receiving substandard sunlight. A structure of five stories or taller in height would cast incremental shadow on portions of Temple Square that already would receive substandard sunlight in the No Action condition, and would therefore significantly impact any shade-intolerant vegetation in the space. An approximately four-story (or shorter) structure across the project site would not cast a substantial enough shadow on Temple Square to significantly impact the vegetation in the space. An approximately four-story structure would not significantly impact the square on the other analysis days, and would not significantly impact either the Rockwell Place Bears Community Garden or the 300 Ashland Place plaza on any analysis day. However, buildings developed to a height of four stories would be unable to accommodate the space needed for new and improved school facilities, and the mix of commercial and residential development provided under the proposed project; therefore, construction of a four-story structure would substantially compromise the proposed project's stated goals and is not a practical mitigation measure.

#### HISTORIC AND CULTURAL RESOURCES

The western portion of the project site (Lot 1) is currently occupied by the Khalil Gibran International Academy, a complex of five connected buildings constructed at different times. In a comment letter dated May 15, 2017, the New York City Landmarks Preservation Commission (LPC) stated that the building on Block 174, Lot 1 appears to be eligible for NYCL designation and for listing on the S/NR.

The current design for the proposed project assumes that the two primary buildings on Lot 1 (School Building 2/Building D and School Building 1/Building E) would be retained and adaptively reused; however, the proposed project would entail the demolition of the town house (School Building 5) that was subsequently added to the school, and the connecting school buildings along 3rd Avenue (School Buildings 3 and 4). The town house was added to the school ca. 1898, but was not created or designed specifically for school use, and the connecting structures along 3rd Avenue match the design of the original school, but lack its more prominent details. The maximum zoning envelope would encompass the site of Building D, the ca. 1898 school element fronting on Schermerhorn Street and allow for its demolition, and could partially extend into the existing footprint of Building E (the original school structure at the southwest corner of the block). Therefore, development allowed under the maximum zoning envelope would result in the demolition of School Building 2/Building D as well as a portion of School Building 1/Building E, the two largest and most visually distinctive school buildings on the project site. The proposed project under the current design and permitted under the maximum building envelope would result

in a significant adverse impact to historic resources. Measures to mitigate this impact are being developed in consultation with LPC.

In order to avoid the significant adverse impact to architectural resources, the proposed project would have to retain all five historic buildings on the west side of the project site, effectively reducing the developable area to the remainder of the project site. With the retention of the five historic buildings, the remaining development potential is not sufficient to accommodate the space needed for new and improved school facilities, and the mix of commercial and residential development provided under the proposed project. Therefore, retention of all five buildings would substantially compromise the proposed project's stated goals and are not a practical mitigation measure.

#### TRANSPORTATION

For the proposed project, unmitigated significant adverse traffic impacts were identified at Flatbush Avenue and Fulton Street and Flatbush Avenue and Lafayette Avenue during all three peak hours, and Flatbush Avenue and 4th Avenue and Fulton Street and Ashland Place during the weekday AM and PM peak hours.

Of the unmitigatable significant adverse transportation impacts identified for the proposed project, the traffic impacts at Flatbush Avenue and Lafayette Avenue and Flatbush Avenue and Fulton Street were determined to be the most difficult to mitigate, due to multiple lane groups/movements at these intersections projected to operate at congested levels. As these intersections experience congestion under existing conditions, even small increases in incremental project-generated traffic volumes at these intersections would result in significant adverse traffic impacts that could not be fully mitigated during one or more analysis peak hours. Correspondingly, any residential development or the addition of the new lower school could result in unmitigated traffic impacts. Therefore, no reasonable alternative could be developed to avoid such impacts without substantially compromising the proposed project's stated goals.

#### CONSTRUCTION

#### NOISE

The detailed analysis of construction noise concluded that construction of the proposed project has the potential to result in noise levels that would exceed the *CEQR Technical Manual* impact criteria for an extended period of time at residences on the south side of State Street across from the construction site, along 3rd Avenue between Schermerhorn Street and Atlantic Avenue, and at the Khalil Gibran International Academy.

Construction noise levels of this magnitude for such an extended duration would constitute a significant adverse impact. Based on field observations, some of these buildings have insulated glass windows and alternate means of ventilation (i.e., air conditioning). Even with these measures, buildings with these constructions would be expected to experience interior  $L_{10(1)}$  values greater than the 45 dBA guideline recommended for residential, community and house of worship spaces according to CEQR noise exposure guidelines. Older buildings that do not include insulated windows and alternate means of ventilation would be expected to experience higher interior noise levels. Source or path controls beyond those already identified for the construction of the proposed project would not be effective in reducing the level of construction noise at the receptors that have the potential to experience significant adverse construction noise impacts.

Therefore, no reasonable alternative could be developed to avoid temporary construction noise impacts without substantially compromising the proposed project's stated goals.

# Chapter 21:

# **Unavoidable Adverse Impacts**

# A. INTRODUCTION

Unavoidable significant adverse impacts are defined as those that meet the following two criteria:

- There are no reasonably practicable mitigation measures to eliminate the impact; and
- There are no reasonable alternatives to the proposed actions that would meet the purpose and need for the actions, eliminate the impact, and not cause other or similar significant adverse impacts.

As described in Chapter 19, "Mitigation," a number of the potential impacts identified for the proposed project could be mitigated. However, as described below, in some cases, impacts from the proposed project would not be fully mitigated.

# **B. SHADOWS**

As described in Chapter 6, "Shadows," the proposed actions would result in significant adverse shadow impacts to three open spaces. The detailed analysis found that Rockwell Place Bears Community Garden, the Brooklyn Academy of Music (BAM) South Plaza at 300 Ashland Place, and Temple Square would be potentially significantly impacted by new shadow originating from the proposed project.

The 2014 *City Environmental Quality Review (CEQR) Technical Manual* identifies several different measures that could mitigate significant adverse shadow impacts on open spaces. These measures include relocating or replacing vegetation; undertaking additional maintenance to reduce the likelihood of species loss; or providing replacement facilities on another nearby site. CEQR guidelines also discuss alternatives that may reduce or eliminate shadow impacts, including reorientation of building bulk or reorientation of the site plan. Due to the narrowness of the project site and its immediate proximity to the impacted resources, it is not possible to alter the site plan so as to avoid a substantial amount of shadow being cast on these open spaces.

Potentially feasible mitigation for the significant adverse impacts to Rockwell Place Bears Community Garden and BAM South Plaza could include replacing some vegetation with more shade-tolerant species; undertaking additional maintenance to reduce the likelihood of species loss; providing additional maintenance funding; and/or helping to enhance other nearby open spaces.

With respect to Temple Square, the only potentially feasible mitigation for the significant adverse impact could include replacing some vegetation with more shade-tolerant species and undertaking additional maintenance to reduce the likelihood of species loss. Any future plantings should be shade-tolerant, but to the extent that they are not, future plantings would also be impacted by project-generated shadows.

The co-applicants will consult with the New York City Department of Parks and Recreation (NYC Parks), New York City Department of Transportation (DOT), and/or the New York City Department of City Planning (DCP) between the Draft Environmental Impact Statement (DEIS) and Final EIS (FEIS) to develop suitable mitigation to partially offset the significant adverse impacts. If feasible

mitigation is found, the impacts will be considered partially mitigated. In the absence of feasible mitigation, the proposed project would result in unmitigated significant adverse shadow impacts.

# C. HISTORIC AND CULTURAL RESOURCES

As discussed in Chapter 7, "Historic and Cultural Resources," and Chapter 19, "Mitigation," the proposed project would result in a significant adverse impact to the historic resource on the western portion of the project site (Lot 1), the five connected school buildings currently occupied by the Khalil Gibran International Academy, which the New York City Landmarks Preservation Commission (LPC) has determined to be eligible for New York City Landmark (NYCL) designation and for listing on the State and National Registers of Historic Places (S/NR).

Measures to mitigate this impact are being developed in consultation with LPC. Per the guidelines of the *CEQR Technical Manual*, possible mitigation measures for significant adverse effects on architectural resources include redesign (i.e., relocating the action away from the resource, or redesign of the proposal to be more compatible with the resource), adaptive reuse, construction protection plan, data recovery/recordation, or relocation of the architectural resource. If feasible mitigation measures are not identified, or the impact can only be partially mitigated, the significant adverse impact would be an unavoidable impact of the proposed actions.

# **D. TRANSPORTATION**

As discussed in Chapter 11, "Transportation," and Chapter 19, "Mitigation," the significant adverse vehicular traffic impacts at the intersections of Flatbush Avenue and Fulton Street during the AM, midday, and PM peak hours; Flatbush Avenue and Lafayette Avenue during the AM, midday, and PM peak hours; Flatbush Avenue and 4th Avenue during the AM and PM peak hours; and Fulton Street and Ashland Place during the AM and PM peak hours that would potentially occur could not be fully mitigated with standard traffic mitigation measures. Because these impacts cannot be fully mitigated, the impacts would constitute an unavoidable impact of the proposed actions

# **E. CONSTRUCTION**

# NOISE

The detailed analysis of construction noise determined that construction of the proposed project has the potential to result in construction noise levels that would constitute temporary significant adverse impacts at residences immediately across State Street south of the project site, the Khalil Gibran International Academy, and residences along 3rd Avenue between Schermerhorn Street and Atlantic Avenue.

The affected residences on State Street would experience exterior noise levels in the mid-70s Aweighted decibels (dBA), which represent increases in noise level up to approximately 13 dBA compared with existing levels, for intermittent periods during approximately 18 non-consecutive months during construction at the middle and eastern portions of the site. During the remainder of the construction period, the affected residences on State Street would at times experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 10 dBA. The affected residences on the west side of 3rd Avenue would experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 11 dBA compared with existing levels, for portions of up to approximately 12 months during construction at the middle and eastern portions of the site. During the remainder of the construction period, the affected residences on the west side of 3rd Avenue would at times experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 11 dBA compared with existing levels, for portions of up to approximately 12 months during construction at the middle and eastern portions of the site. During the remainder of the construction period, the affected residences on the west side of 3rd Avenue would at times experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 8 dBA. The affected residences on the east side of 3rd Avenue would experience exterior noise levels in the mid-70s dBA, which represent increases in noise level up to approximately 6 dBA compared with existing levels, for up to approximately 10 months during construction at the middle and eastern portion of the site. The existing Khalil Gibran International Academy would at times experience exterior noise levels in the mid-70s dBA, resulting in increases in noise level up to approximately 12 dBA compared to existing levels for portions of up to approximately 25 months during construction at the middle and eastern portions of the site.

Potential construction noise levels of this magnitude over the course of such an extended duration would constitute a temporary significant adverse impact. Field observations determined that many of these buildings have insulated glass windows and alternate means of ventilation (i.e., air conditioning). Even with these measures, buildings with these constructions would be expected to experience episodic interior  $L_{10(1)}$  values greater than the 45 dBA guideline recommended for residential and community spaces according to CEQR noise exposure guidelines. Older buildings that do not include insulated windows and alternate means of ventilation would be expected to experience higher interior noise levels. There are no feasible and practicable mitigation measures that would be able to reduce or eliminate the potential significant adverse noise impacts. Source or path controls beyond those already identified for the construction of the proposed project would not be effective in reducing the level of construction noise at the receptors that have the potential to experience significant adverse construction noise impacts. Additional noise receptor controls at these locations would require change to the buildings' design that would have disproportionately high cost considering that the potential noise impacts would be temporary, the interior noise levels during construction are expected to be no more than approximately 10 dBA over the acceptable threshold levels, and that the potential impacts would be limited to construction hours, which would not include regular nighttime or weekend periods with limited exceptions that would require variances from the New York City Department of Buildings (DOB). This temporary significant adverse impact would be an unavoidable impact of the proposed actions.

Chapter 22:

# **Growth-Inducing Aspects of the Proposed Project**

# A. INTRODUCTION

The term "growth-inducing aspects" generally refers to the potential for a proposed project to trigger additional development in areas outside the project site that would otherwise not have such development without the proposed project. The 2014 *City Environmental Quality Review (CEQR) Technical Manual* indicates that an analysis of the growth-inducing aspects of a proposed project is appropriate when the project (1) adds substantial new land use, residents, or new employment that could induce additional development of a similar kind or of support uses, such as retail establishments to serve new residential uses; and/or (2) introduces or greatly expands infrastructure capacity.

As described in Chapter 1, "Project Description," the proposed project would result in up to 922 dwelling units (DUs), approximately 245,000 gross square feet (gsf) of office space, a 350-seat replacement high school, a new 350-seat lower school, approximately 50,000 gsf of retail space, and approximately 15,000 gsf of cultural community facility space. The proposed actions are intended to replace the existing Khalil Gibran International Academy with a new modern high school as well as provide a new lower school to increase public school capacity. In addition, the proposed actions would encourage economic development in Downtown Brooklyn by providing new office space and a significant amount of needed affordable housing.

The proposed actions would result in more intensive land uses on the project site. However, it is not anticipated that the proposed actions would generate significant secondary impacts resulting in substantial new development in nearby areas. As stated in Chapter 3, "Socioeconomic Conditions," the proposed actions would not introduce a new economic activity that would alter existing economic patterns in the study area. The neighborhoods surrounding the project site are developed with residential, commercial, and institutional spaces and substantial amounts of new housing and commercial development is expected by the proposed project's 2025 build year. As the study area already has a well-established residential market and a critical mass of non-residential uses, including retail, office, and community facility uses, the proposed actions would not create the critical mass of uses or populations that would induce additional development outside the project site. Moreover, the proposed actions do not include the introduction of new infrastructure or an expansion of infrastructure capacity that would result in indirect development; any proposed infrastructure improvements would be made to support development of the proposed project itself. Therefore, the proposed actions would not induce significant new growth in the surrounding area.

# Chapter 23: Irreversible and Irretrievable Commitments of Resources

# A. INTRODUCTION

Resources, both natural and built, would be expended in the construction and operation of the proposed project. These resources include the materials used in construction; energy in the form of fuel and electricity consumed during construction and operation of the proposed project; and the human effort (i.e., time and labor) required to develop, construct, and operate various components of the proposed project. These are considered irretrievably committed because their reuse for some other purpose would be highly unlikely.

The proposed project constitutes an irreversible and irretrievable commitment of the project site as a land resource, thereby rendering land use for other purposes infeasible, at least in the near term. However, the land use changes that would occur as a result of the proposed actions would make more efficient use of the land occupying the project site and the proposed project would be compatible in terms of use and scale with existing conditions and trends in the area as a whole. The project site does possess any natural resource of significant value, and the site has in large part been previously developed.

These commitments of land resources and materials are weighed against the benefits of the proposed project. The proposed actions are intended to replace the existing Khalil Gibran International Academy with a new modern high school as well as provide a new lower school to increase public school capacity. In addition, the proposed actions would encourage economic development in Downtown Brooklyn by providing new office space, a significant amount of needed affordable housing, new cultural community facility space, and retail. Although the proposed project would require an irretrievable commitment of resources, it would provide a public benefit in the form of new public schools, housing (including affordable housing), and commercial development to support and ensure the long-term residential and commercial viability of Downtown Brooklyn.
Appendix A Socioeconomic Conditions

# Table 1 Household Income Characteristics (2000, 2011-2015 ACS)

	Average Household Income         Median Household Income           Area         2000         2011-2015         Percent Change         2000         2011-2015         Change           aconomic Study Area         \$87,582         \$109,876         25.5         \$65,142         \$79,626         22.2           Census Tract 31         \$74,001         \$85,178         15.1         \$60,471         \$70,359         16.4           Census Tract 33         \$91,093         \$135,489         48.7         \$67,274         \$106,780         58.7           Census Tract 35         \$94,072         \$98,492         4.7         \$65,925         \$62,188         -5.7           Census Tract 37         \$56,931         \$129,623         127.7         \$54,558         \$103,489         89.7           Census Tract 39         \$85,097         \$119,652         40.6         \$57,562         \$104,090         80.8           Census Tract 41         \$122,527         \$141,854         15.8         \$91,487         \$113,336         23.9           Census Tract 127         \$46,321         \$83,984         81.3         \$28,271         \$51,951         83.8           sus Tract 129.01         \$89,394         \$115,614         29.3         \$71,457         \$82,955													
Area	2000	2011-2015	Percent Change	2000	2011-2015	Percent Change								
Socioeconomic Study Area	\$87,582	\$109,876	25.5	\$65,142	\$79,626	22.2								
Census Tract 31	\$74,001	\$85,178	15.1	\$60,471	\$70,359	16.4								
Census Tract 33	\$91,093	\$135,489	48.7	\$67,274	\$106,780	58.7								
Census Tract 35	\$94,072	\$98,492	4.7	\$65,925	\$62,188	-5.7								
Census Tract 37	\$56,931	\$129,623	127.7	\$54,558	\$103,489	89.7								
Census Tract 39	\$85,097	\$119,652	40.6	\$57,562	\$104,090	80.8								
Census Tract 41	\$122,527	\$141,854	15.8	\$91,487	\$113,336	23.9								
Census Tract 71	\$60,206	\$71,931	19.5	\$32,751	\$37,287	13.8								
Census Tract 127	\$46,321	\$83,984	81.3	\$28,271	\$51,951	83.8								
Census Tract 129.01	\$89,394	\$115,614	29.3	\$71,457	\$82,955	16.1								
Census Tract 129.02	\$98,568	\$136,543	38.5	\$82,767	\$87,220	5.4								
Census Tract 161	\$122,820	\$136,530	11.2	\$97,002	\$104,615	7.8								
Census Tract 179	\$84,829	\$76,929	-9.3	\$57,658	\$46,442	-19.5								
Census Tract181	\$92,929	\$118,928	28.0	\$72,509	\$81,783	12.8								
Brooklyn	\$68,880	\$72,732	5.6	\$47,815	\$48,720	1.9								
New York City	\$87,052	\$86,627	-0.5	\$57,128	\$54,232	-5.1								
Notes: <sup>1</sup> All dollar figu Price Index, 2 Sources: U.S. Census B	ires have been 016 Annual. 3ureau 2000, 20	adjusted to 201 011–2015 ACS.	6 dollars based	on the U.S. De	partment of Labo	or, Consumer								

#### Table 2

		Average and M	edian Gros	s Rent (20	00, 2011-2	015 ACS)
	Ave	rage Gross Rent		Ме	dian Gross R	ent
Area	2000	2011-2015	Percent Change	2000	2011-2015	Percent Change
Socioeconomic Study Area	\$1,172	\$1,640	39.9%	\$1,100	\$1,609	46.3%
Census Tract 31	\$878	\$1,700	93.7%	\$964	\$1,679	74.1%
Census Tract 33	\$1,415	\$2,072	46.4%	\$1,351	\$2,122	57.0%
Census Tract 35	\$1,171	\$1,667	42.3%	\$1,187	\$1,311	10.4%
Census Tract 37	\$1,217	\$2,378	95.4%	\$1,232	\$2,609	111.8%
Census Tract 39	\$1,175	\$1,609	36.9%	\$1,027	\$1,537	49.7%
Census Tract 41	\$1,513	\$2,201	45.5%	\$1,385	\$2,082	50.3%
Census Tract 71	\$777	\$947	21.9%	\$622	\$609	-2.0%
Census Tract 127	\$735	\$1,324	80.1%	\$603	\$915	51.8%
Census Tract 129.01	\$1,390	\$1,942	39.7%	\$1,167	\$2,191	87.9%
Census Tract 129.02	\$1,588	\$1,971	24.1%	\$1,531	\$2,102	37.3%
Census Tract 161	\$1,540	\$1,847	19.9%	\$1,323	\$1,957	47.9%
Census Tract 179	\$948	\$1,289	36.0%	\$933	\$1,147	23.0%
Census Tract181	\$1,241	\$1,556	25.4%	\$1,262	\$1,506	19.4%
Brooklyn	\$989	\$1,249	26.3%	\$1,000	\$1,228	22.8%
New York City	\$1,140	\$1,345	18.0%	\$1,049	\$1,269	21.0%
Notes: <sup>1</sup> All dollar figures Index, 2016 Annua Sources: U.S. Census Bure	have been adjusted to al. au 2000, 2011–2015 /	o 2016 dollars based ACS. Accessed thro	l on the U.S. D ugh Social Exp	epartment o plorer in May	f Labor, Cons 2017.	umer Price

Table 3

			Number of New Firms between
	2010	2015	2010 and 2015
Agriculture, Forestry, Fishing and	р	П	П
Hunting	D		D
Mining	D	D	D
Utilities	D	D	D
Construction	43	36	-7
Manufacturing	22	20	-2
Wholesale Trade	28	30	2
Retail Trade	275	266	-9
Transportation and Warehousing	6	11	5
Information	42	48	6
Finance and Insurance	31	37	6
Real Estate, Rental & Leasing	65	79	17
Professional, Scientific, & Tech.	107	138	31
Services	107	100	01
Management of Companies and	D	D	D
Enterprises	_	_	_
Administrative & Support & Waste	33	55	22
			<b></b>
Educational Services	D	D 100	D 14
Health Care & Social Assistance	149	163	14
Arts, Entertainment, and Recreation	46	58	12
Accommodation & Food Services	146	183	37
Other Services (except Public Administration)	198	283	85
Total	1,191	1,594	403
<ul> <li>Notes: 1. Private firm counts for the soci from the QCEW, 3Q 2015 for the f 129.01, 129.02, 161, 179, and 181.</li> <li>2. To avoid disclosing data for ind geography, the following sectors w 'D': Agriculture, Forestry, Fishing a Enterprises; Educational Services disclosable employees in the total number of employees</li> </ul>	oeconomic study a ollowing 2010 Cen lividual firms or if vere considered no and Hunting; Mining ; and Unclassifie employee count to	area are based on a sus Tracts: 31, 33, 3 the sector is not fou on-disclosable and w g; Utilities; Managem d. DCP did include o provide an accurate	n aggregate of values 5, 37, 39, 41, 71, 127, nd within the selected ere symbolized with a ent of Companies and the number of non- e representation of the

Number of Businesses in the Socioeconomic Study Area (2010, 2015)

Sources: NYSDOL QCEW, 3Q 2015 data was provided at the census tract-level for the socioeconomic study area by DCP HEIP Division (June 2017).

Appendix B Historic and Cultural Resources



### **ENVIRONMENTAL REVIEW**

Project number:NYC EDUCATIONAL CNSTRCTN FUND / 17ECF001KProject:80 FLATBUSHDate received:5/2/2017

**Comments:** as indicated below. Properties that are individually LPC designated or in LPC historic districts require permits from the LPC Preservation department. Properties that are S/NR listed or S/NR eligible require consultation with SHPO if there are State or Federal permits or funding required as part of the action.

#### Properties with no Architectural or Archaeological significance:

- 1) ADDRESS: 370 SCHERMERHORN STREET, BBL: 3001740009
- 2) ADDRESS: 80 FLATBUSH AVENUE, BBL: 3001740013
- 3) ADDRESS: 96 FLATBUSH AVENUE, BBL: 3001740018
- 4) ADDRESS: 100 FLATBUSH AVENUE, BBL: 3001740023
- 5) ADDRESS: 102 FLATBUSH AVENUE, BBL: 3001740024

Properties with Architectural significance on the project site, and no Archaeological significance:

1) ADDRESS: 362 SCHERMERHORN STREET, BBL: 3001740001, LPC FINDINGS: Appears LPC and S/NR eligible.

**Properties with Architectural significance in the study area:** The church at 360 Schermerhorn St. in the study area is S/NR listed and appears LPC eligible. Also in the study area: Ft. Greene Historic District and the Brooklyn Academy of Music, both LPC and S/NR listed.

Cc : SHPO

Ging SanTucci

5/15/2017

SIGNATURE Gina Santucci, Environmental Review Coordinator DATE

File Name: 32351\_FSO\_GS\_05152017.doc

Appendix C Noise

RECEPTOR NOISE LEVEL CA	LCULA	TION FOR YEAR	2025																							
						EXISTING	CONDITIO	DNS					2025	NO BUIL	D			BUILD								
Receptor Location	Site	Hour	Volume	%Auto	%Medium	%Heavy	%Bus	PCEs	L <sub>eq(1)</sub>	L <sub>10(1)</sub>	L <sub>dn</sub>	Volume	PCEs	Leq(1)	L <sub>10(1)</sub>	L <sub>dn</sub>	Change	Build Total Volumes	PG Auto	PG Truck	PG Bus	Total PCE's	Leq (1)	L <sub>10(1)</sub>	L <sub>dn</sub>	Change
		Weekday AM	2440	84.98%	0.00%	7.68%	7.33%	14108	76.9	79.7		2667	15421	77.3	80.1		0.4	2699	32	0	0	15453	77.3	80.1		0.0
Flatbush Avenue	1	Weekday MD	2475	85.02%	0.00%	9.38%	5.60%	15516	74.1	77.6	76.7	3036	19032	75.0	78.5	77.1	0.9	3039	3	0	0	19035	75.0	78.5	77.1	0.0
		Weekday PM	2775	90.94%	0.00%	2.91%	6.15%	9393	75.0	77		3244	10980	75.7	77.7		0.7	3277	33	0	0	11013	75.7	77.7		0.0
		Weekday AM	65	86.99%	4.11%	0.00%	0.00%	91	61.2	62.7		209	293	66.3	67.8		5.1	257	39	1	8	489	68.5	70.0		2.2
State Street	2	Weekday MD	125	92.05%	4.17%	0.00%	0.00%	183	61.3	62.9	61.2	357	522	65.9	67.5	66.1	4.6	363	0	0	6	630	66.7	68.3	67.0	0.8
		Weekday PM	125	93.68%	1.84%	0.00%	0.00%	147	62.6	64.2		387	455	67.5	69.1		4.9	429	39	1	2	543	68.3	69.9		0.8
		Weekday AM	615	78.53%	11.78%	0.76%	5.29%	2228	73.3	78		658	2384	73.6	78.3		0.3	691	29	1	3	2482	73.8	78.5		0.2
Third Avenue	3	Weekday MD	450	79.13%	9.99%	2.15%	2.22%	1575	69.6	72.6	75	643	2250	71.1	74.1	75.3	1.5	649	3	0	3	2307	71.2	74.2	75.5	0.1
		Weekday PM	510	87.24%	3.65%	0.65%	1.89%	1016	66.1	68.5		669	1333	67.3	69.7		1.2	702	32	1	0	1383	67.5	69.9		0.2
		Weekday AM	2440	75.44%	9.51%	0.66%	0.00%	5620	73.8	75.7		2667	6142	74.2	76.1		0.4	2699	32	0	0	6174	74.2	76.1		0.0
Temple Square/Schermerhorn Street	4	Weekday MD	2475	84.34%	6.35%	0.85%	0.00%	5114	70.9	72.5	72.7	3036	6273	71.8	73.4	73.1	0.9	3039	3	0	0	6276	71.8	73.4	73.1	0.0
		Weekday PM	2775	89.07%	1.14%	0.00%	0.00%	2885	67.8	70.2		3244	3372	68.5	70.9		0.7	3277	33	0	0	3405	68.5	70.9		0.0

																Sou	rce										
Playground Noise Calcu	llations									High Schoo	l Playground						Pr	imary School P	layground					Both Playgro	unds operating	g at same tir	ne
							Dis	stance								Distance											
		High School	Primary School	Exsiting		Build Traffic		Attenuation	Playground	Total	1.40(4)	Total 1				Attenuation	Playground	Total		Total			Total	1.40(4)	Total		
Receiver Location	Time	boundary	boundary	Meas location	No Build L <sub>eq(1)</sub>	Receptor	feet	dBA	Receptor	Receptor	Addition	Receptor	Change	Impact?	feet	dBA	Receptor	at Receptor	L10(1) Addition	at Receptor	Change	Impact?	at receptor	Addition	at Receptor	Change	Impact?
	MD (12-1PM)	68.2	71.5	1	75	75	120	14.0	54.2	75.0	3.5	78.5	0.0	NO IMPACT	230	17.4	54.1	75.0	3.5	78.5	0.0	NO IMPACT	75.1	3.5	78.6	0.1	NO IMPACT
300 Ashland Place	PM (2-3PM)	68.2	71.5	1	75.7	75.7	120	14.0	54.2	75.7	2.0	77.7	0.0	NO IMPACT	230	17.4	54.1	75.7	2.0	77.7	0.0	NO IMPACT	75.8	2	77.8	0.1	NO IMPACT
	MD (12-1PM)	68.2	71.5	2	65.9	66.7	200	17.4	50.8	66.8	1.6	68.4	0.9	NO IMPACT	70	10.5	61.0	67.7	1.6	69.3	1.8	NO IMPACT	67.8	1.6	69.4	1.9	NO IMPACT
538 State Street	PM (2-3PM)	68.2	71.5	2	67.5	68.3	200	17.4	50.8	68.4	1.6	70.0	0.9	NO IMPACT	70	10.5	61.0	69.0	1.6	70.6	1.5	NO IMPACT	69.1	1.6	70.7	1.6	NO IMPACT
	MD (12-1PM)	68.2	71.5	2	65.9	66.7	270.0	17.4	50.8	66.8	1.6	68.4	0.9	NO IMPACT	140.0	14.0	57.5	67.2	1.6	68.8	1.3	NO IMPACT	67.3	1.6	68.9	1.4	NO IMPACT
556 State Street	PM (2-3PM)	68.2	71.5	2	67.5	68.3	270.0	17.4	50.8	68.4	1.6	70.0	0.9	NO IMPACT	140.0	14.0	57.5	68.6	1.6	70.2	1.1	NO IMPACT	68.7	1.6	70.3	1.2	NO IMPACT
	MD (12-1PM)	68.2	71.5	2	65.9	66.7	75.0	10.5	57.7	67.2	1.6	68.8			5.0	0.7	70.8	70.8	3.0	73.8			72.4	2.8	75.2		
Phase 1 Tower (Floors 4-5)	PM (2-3PM)	68.2	71.5	2	67.5	68.3	75.0	10.5	57.7	68.7	1.6	70.3			5.0	0.7	70.8	70.8	3.0	73.8			72.9	2.8	75.7		
	MD (12-1PM)	68.2	71.5	2	65.9	66.7	75.0	10.5	57.7	67.2	1.6	68.8			5.0	0.7	70.8	70.8	3.0	73.8			72.4	2.8	75.2		
Phase 1 School	PM (2-3PM)	68.2	71.5	2	67.5	68.3	75.0	10.5	57.7	68.7	1.6	70.3			5.0	0.7	70.8	70.8	3.0	73.8			72.9	2.8	75.7		
	MD (12-1PM)	68.2	71.5	4	71.8	71.8	20.0	3.0	65.2	72.7	2.8	75.5			75.0	10.5	61.0	72.1	2.8	74.9			72.9	2.8	75.7		
Phase 1 School (overlooking HS)	PM (2-3PM)	68.2	71.5	4	68.5	68.5	20.0	3.0	65.2	70.2	2.4	72.6			75.0	10.5	61.0	69.2	2.4	71.6			70.7	2.4	73.1		
Phase 2 Tower (overlooking LS, floors	MD (12-1PM)	68.2	71.5	4	71.8	71.8	80.0	11.4	56.8	71.9	2.8	74.7			20.0	3.0	68.5	73.5	2.8	76.3			73.6	2.8	76.4		
4-6)	PM (2-3PM)	68.2	71.5	4	68.5	68.5	80.0	11.4	56.8	68.8	2.4	71.2			20.0	3.0	68.5	71.5	2.8	74.3			71.7	2.8	74.5		

Appendix D Construction

Construction	n Noise Results											Construction Duration										
								Phase 1									Phase 2					
				5 months (demo)	2 months of Overlap (only 2 mont	ths of hoe ram modeled)	8 months (foundation)	6 months (superstruture)	1 Months (exterior)	3 months of	of overlap (ext/int) 7 mo	nths (int)	4 months (demo)	1 month of Overlap (demo/exca	vation)	5 months (foundation)	16 months (superstrue	acture)	2 Months (exteri	ors) 4 months of	overlap (ext/int) 7 mo	onths (interiors)
CadnaA	Elevation Façade	de Exis	ting Existing Leq	P1T1	L10 Leq	L10	P1T2 Leq L10	P1T3 Leq	P1T4	L10 Leq	P1T4b L10 Leq	L10	P2T1 Leq	L10 Leq	L10	P2T2 Leq	L10 Leq	L10	P2T4 Leq	L10 Leq	L10 Leq	P2T5 L10
Receptor Sites	s (floor) Numbe 1 Site 1 Spot	ot Mea 76	(1) L10 Const Total i.9 79.7 76.9 79.9	Change Exceed? 3.0 YES	Total         Const         Total         Change           82.7         79.6         81.5         4.6	Exceed? Total Con YES 84.3 76.1	st         Total         Change         Exceed?         Total         Corr           0         79.5         2.6         82.3         73.	6 78.6 1.7	Total         Const         Total         Change         Exceed?           81.4         70.6         77.8         0.9	Total Const Total Ch 80.6 70.7 77.8	hange         Exceed?         Total         Const         Total         Chi           0.9         80.6         64.1         77.1         0	inge Exceed? Total .2 79.9	Const Total Change Exceeds	Total         Const         Total         Change         Exceed           79.7         60.2         77.0         0.1         0.1	ed? Total 79.8	Const         Total         Change         Exceed?           57.6         77.0         0.1	Total         Const         Total         Change         E           79.8         55.8         76.9         0.0	Exceed? Total 79.7	Const         Total         Change           52.9         76.9         0.0	Exceed? Total Const Total C 79.7 55.9 76.9	nange         Exceed?         Total         Const         Total           0.0         79.7         52.8         76.9	Change Exceed? Total 0.0 79.7
2	1 Site 2 Spot	ot Mea 63 ot Mea 73	1.0 64.5 78.5 78.6 1.3 78.0 56.9 73.4	15.7 YES 0.1	80.1 77.9 78.0 15.1 78.1 60.1 73.5 0.2	YES 79.5 76.3 78.2 58.3	2 76.4 13.5 YES 77.9 77. 2 73.4 0.1 78.1 69.	A 77.6 14.6 YES 2 74.7 1.4	79.1 74.8 75.1 12.1 YES 79.4 68.8 74.6 1.3	76.6 74.0 74.3 1 79.3 70.0 75.0	11.4 YES 75.8 68.2 69.3 6 1.7 79.7 63.7 73.8 0	.4 YES 70.8 .5 78.5	50.5 63.2 0.2 83.0 83.4 10.1 YES	64.7 54.4 63.5 0.6 88.1 87.7 87.9 14.6 YES	65.0 92.6	51.2 63.2 0.3 86.8 87.0 13.7 YES	64.7 65.8 67.6 4.7 91.7 86.7 86.9 13.6	YES 69.1 YES 91.6	61.6 65.3 2.4 90.3 90.4 17.1	66.8 63.6 66.3 YES 95.1 91.0 91.1	3.3 YES 67.8 44.1 63.0 17.8 YES 95.8 83.5 83.9	0.1 64.5 10.6 YES 88.6
4 001A 001.OG	1 Site 4 Spot 1 001A	ot Mea 73 66	1.8 75.7 82.5 83.0 i.8 68.7 42.9 66.8	9.2 YES 0.0	84.9 85.1 85.4 11.6 68.7 45.2 66.8 0.0	YES 87.3 83.0 68.7 43.0	6 84.0 10.2 YES 85.9 75. 6 66.8 0.0 68.7 50.	7 77.9 4.1 YES 3 66.9 0.1	79.8 74.8 77.3 3.5 YES 68.8 48.2 66.9 0.1	79.2 79.5 80.5 68.8 48.1 66.9	6.7 YES 82.4 73.9 76.9 3 0.1 68.8 43.8 66.8 0	.1 YES 78.8 .0 68.7	68.5 74.9 1.1 45.8 66.8 0.0	76.8 71.2 75.7 1.9 68.7 50.2 66.9 0.1	77.6 68.8	69.4 75.1 1.3 47.9 66.9 0.1	77.0 68.8 75.0 1.2 68.8 51.2 66.9 0.1	76.9 68.8	65.6 74.4 0.6 48.4 66.9 0.1	76.3 68.1 74.8 68.8 49.8 66.9	1.0 76.7 52.6 73.8 0.1 68.8 44.0 66.8	0.0 75.7
001A 002.OG 001A 003.OG	2 001A 3 001A	67	4 69.3 44.0 67.4 6 69.5 44.9 67.6	0.0	69.3 46.2 67.4 0.0 69.5 47.2 67.6 0.0	69.3 44. 69.5 45.	5 67.4 0.0 69.3 54. 3 67.6 0.0 69.5 57.	3 67.6 0.2 1 68.0 0.4	69.5 51.5 67.5 0.1 69.9 56.1 67.9 0.3	69.4 50.6 67.5 69.8 55.1 67.8	0.1 69.4 44.9 67.4 0 0.2 69.7 49.1 67.7 0	0 69.3 1 69.6	46.4 67.4 0.0 47.2 67.6 0.0	69.3 50.7 67.5 0.1 69.5 51.5 67.7 0.1	69.4 69.6	48.4 67.5 0.1 49.0 67.7 0.1	69.4 49.4 67.5 0.1 69.6 49.9 67.7 0.1	69.4 69.6	51.7 67.5 0.1 48.7 67.7 0.1	69.4 52.5 67.5 69.6 50.3 67.7	0.1 69.4 44.4 67.4 0.1 69.6 44.9 67.6	0.0 69.3
001A 004.OG 001A 005.OG	4 001A 5 001A	63	1.0 64.9 41.9 63.0 1.0 64.9 39.2 63.0	0.0	64.9 41.2 63.0 0.0 64.9 42.0 63.0 0.0	64.9 41.1 64.9 40.1	9 63.0 0.0 64.9 40. 7 63.0 0.0 64.9 41.	8 63.0 0.0 2 63.0 0.0	64.9 43.2 63.0 0.0 64.9 41.5 63.0 0.0	64.9 41.5 63.0 0 64.9 39.2 63.0	0.0 64.9 37.9 63.0 0 0.0 64.9 38.3 63.0 0	0 64.9 0 64.9	38.8 63.0 0.0 39.1 63.0 0.0	64.9 43.4 63.0 0.0 64.9 43.8 63.0 0.1	64.9 64.9	41.1 63.0 0.0 41.6 63.0 0.0	64.9 39.9 63.0 0.0 64.9 40.4 63.0 0.0	64.9 64.9	38.0 63.0 0.0 38.2 63.0 0.0	64.9 39.6 63.0 64.9 40.0 63.0	0.0 64.9 35.0 63.0 0.0 64.9 35.7 63.0	0.0 64.9 0.0 64.9
001A 006.OG 001A 007.OG	6 001A 7 001A	63	1.0 64.9 42.5 63.0 1.0 64.9 45.1 63.0	0.0	64.9 44.1 63.0 0.1 64.9 47.4 63.1 0.1	64.9 42. 65.0 46.	7 63.0 0.0 64.9 41. 7 63.1 0.1 65.0 41.	4 63.0 0.0 7 63.0 0.0	64.9 41.3 63.0 0.0 64.9 41.5 63.0 0.0	64.9 40.6 63.0 64.9 41.0 63.0	0.0 64.9 38.3 63.0 0	.0 64.9 .0 64.9	42.4 63.0 0.0 43.3 63.0 0.0	64.9 46.0 63.0 0.1 64.9 47.8 63.1 0.1	64.9 65.0	43.2 63.0 0.0 45.8 63.0 0.1	64.9 42.5 63.0 0.0 64.9 43.0 63.0 0.0	64.9 64.9	41.4 63.0 0.0 42.1 63.0 0.0	64.9 42.8 63.0 64.9 43.4 63.0	0.0 64.9 37.6 63.0 0.0 64.9 38.1 63.0	0.0 64.9
001A 008.0G	8 001A	63	10 64.9 45.2 63.0 10 64.9 45.2 63.1	0.1	64.9 47.6 63.1 0.1 65.0 47.7 63.1 0.1	65.0 46.	8 63.1 0.1 65.0 41.	9 63.0 0.0	64.9 41.5 63.0 0.0 64.9 41.6 62.0 0.0	64.9 41.2 63.0 F	0.0 64.9 38.8 63.0 0	0 64.9	42.3 63.0 0.0	64.9 48.2 63.1 0.1 64.9 49.6 62.2 0.2	65.0	46.9 63.1 0.1	65.0 43.4 63.0 0.0 65.0 43.9 63.1 0.1	64.9	42.7 63.0 0.0	64.9 43.9 63.0 64.9 44.5 63.1	0.1 64.9 38.3 63.0	0.0 64.9
001A 010.0G	10 001A	63	15 65.4 45.4 63.6	0.1	65.5 47.8 63.6 0.1	65.5 47.1	0 63.6 0.1 65.5 42.	3 63.5 0.0	65.4 41.8 63.5 0.0	65.4 41.6 63.5 0	0.0 65.4 39.2 63.5 0	0 65.4	42.6 63.5 0.0	65.4 48.2 63.6 0.1	65.5	46.9 63.6 0.1	65.5 42.0 63.5 0.0	65.4	39.4 63.5 0.0 30.6 63.0 0.0	65.4 41.8 63.5 65.9 43.0 63.0	0.0 65.4 38.3 63.5	0.0 65.4
001A 012.0G	12 001A	64	1.2 66.1 45.6 64.3	0.1	66.2 48.1 64.3 0.1	66.2 47.	2 64.3 0.1 66.2 42.	7 64.2 0.0	65.3 41.9 65.9 0.0 66.1 42.0 64.2 0.0	66.1 42.1 64.2	0.0 66.1 39.6 64.2 0	0 66.1	42.8 63.9 0.0	66.1 48.9 64.3 0.1	66.2	47.5 64.0 0.1 47.7 64.3 0.1	65.5 42.5 65.5 0.0 66.2 42.5 64.2 0.0	66.1	39.7 64.2 0.0	66.1 42.2 64.2	0.0 66.1 38.8 64.2	0.0 66.1
001A 014.0G	13 001A 14 001A	64	1.4 66.5 45.7 64.7	0.1	66.6 48.3 64.7 0.1	66.6 47.	2 04.5 0.1 00.4 42. 3 64.7 0.1 66.6 42.	9 64.6 0.0	66.5 42.0 64.4 0.0 66.5 42.1 64.6 0.0	66.5 42.4 64.6	0.0 66.5 39.8 64.6 0 66.5 39.8 64.6 0	0 66.5	43.0 64.4 0.0	66.5 47.8 64.7 0.1	66.6	45.0 64.5 0.1 46.1 64.7 0.1	66.6 42.7 64.6 0.0	66.5	39.9 64.6 0.0	66.5 42.4 64.6	0.0 66.5 39.1 64.6 0.0 66.7 30.2 64.8	0.0 66.5
001A 015.0G	15 001A 16 001A	65	10 66.9 45.8 65.1	0.1	67.0 48.8 65.1 0.1	67.0 47.	7 65.1 0.1 67.0 43.	2 65.0 0.0	66.9 42.3 65.0 0.0	66.9 42.7 65.0 1	0.0 66.9 40.1 65.0 0	0 66.9	43.3 65.0 0.0	66.9 47.3 65.1 0.1	67.0	45.2 65.0 0.0	66.9 43.0 65.0 0.0	66.9	40.0 64.8 0.0	66.9 42.7 65.0	0.0 66.9 39.4 65.0 0.0 66.9 39.4 65.0	0.0 66.9
001A 017.0G	17 001A 18 001A	65	67.2 67.1 45.9 65.3 67.2 45.9 65.3	0.0	67.2 49.3 65.4 0.1 67.2 49.3 65.4 0.1	67.3 47.1 67.3 47.1	8 65.3 0.1 67.2 43. 9 65.4 0.1 67.3 43.	4 65.3 0.0	67.1 42.4 65.2 0.0 67.2 42.4 65.3 0.0	67.2 42.9 65.3	0.0 67.2 40.3 65.3 0	0 67.2	43.5 65.2 0.0 43.5 65.3 0.0	67.2 47.5 65.4 0.1	67.3	45.4 65.3 0.0	67.2 43.2 65.3 0.0	67.1	40.3 65.2 0.0 40.4 65.3 0.0	67.2 43.0 65.3	0.0 67.2 39.7 65.3	0.0 67.2
001A 019.0G 001A 020.0G	19 001A 20 001A	65	i.4 67.3 46.6 65.5 i.5 67.4 46.6 65.6	0.1	67.4 49.3 65.5 0.1 67.5 49.4 65.6 0.1	67.4 47.1 67.5 47.1	9 65.5 0.1 67.4 43. 9 65.6 0.1 67.5 43.	5 65.4 0.0 .6 65.5 0.0	67.3 42.5 65.4 0.0 67.4 42.5 65.5 0.0	67.3 43.0 65.4 67.4 43.1 65.5	0.0 67.3 40.4 65.4 0 0.0 67.4 40.5 65.5 0	.0 67.3 .0 67.4	43.6 65.4 0.0 43.9 65.5 0.0	67.3 47.7 65.5 0.1 67.4 47.7 65.6 0.1	67.4 67.5	45.6 65.4 0.0 45.6 65.5 0.0	67.3 43.3 65.4 0.0 67.4 43.4 65.5 0.0	67.3 67.4	40.5 65.4 0.0 40.5 65.5 0.0	67.3 43.1 65.4 67.4 43.1 65.5	0.0 67.3 39.8 65.4 0.0 67.4 39.8 65.5	0.0 67.3
001A 021.OG 001A 022.OG	21 001A 22 001A	65	i.6 67.5 46.6 65.7 i.6 67.5 46.5 65.7	0.1	67.6 49.4 65.7 0.1 67.6 49.4 65.7 0.1	67.6 48. 67.6 48.	0 65.7 0.1 67.6 43. 0 65.7 0.1 67.6 43.	.6 65.6 0.0 .6 65.6 0.0	67.5 42.5 65.6 0.0 67.5 42.5 65.6 0.0	67.5 43.1 65.6 67.5 43.1 65.6	0.0 67.5 40.5 65.6 0 0.0 67.5 40.5 65.6 0	0 67.5 0 67.5	44.3 65.6 0.0 44.4 65.6 0.0	67.5 47.8 65.7 0.1 67.5 47.8 65.7 0.1	67.6 67.6	45.7 65.6 0.0 45.8 65.6 0.0	67.5 43.4 65.6 0.0 67.5 43.4 65.6 0.0	67.5 67.5	40.5 65.6 0.0 40.5 65.6 0.0	67.5 43.1 65.6 67.5 43.1 65.6	0.0 67.5 39.9 65.6 0.0 67.5 39.9 65.6	0.0 67.5
001A 023.OG 001A 024.OG	23 001A 24 001A	65	i.6 67.5 46.5 65.7 i.6 67.5 46.6 65.7	0.1	67.6 49.4 65.7 0.1 67.6 49.4 65.7 0.1	67.6 48. 67.6 48.	0 65.7 0.1 67.6 43. 0 65.7 0.1 67.6 43.	.6 65.6 0.0 .5 65.6 0.0	67.5 42.5 65.6 0.0 67.5 42.4 65.6 0.0	67.5 43.1 65.6 67.5 43.0 65.6	0.0 67.5 40.4 65.6 0 0.0 67.5 40.4 65.6 0	.0 67.5 .0 67.5	44.6 65.6 0.0 44.6 65.6 0.0	67.5 48.1 65.7 0.1 67.5 48.1 65.7 0.1	67.6 67.6	46.0 65.6 0.0 46.0 65.6 0.0	67.5 43.4 65.6 0.0 67.5 43.4 65.6 0.0	67.5	40.5 65.6 0.0 40.4 65.6 0.0	67.5 43.1 65.6 67.5 43.1 65.6	0.0 67.5 39.8 65.6 0.0 67.5 39.8 65.6	0.0 67.5
001A 025.OG 001A 026.OG	25 001A 26 001A	65	i.5 67.4 46.6 65.6 i.7 67.6 47.0 65.8	0.1	67.5 49.4 65.6 0.1 67.7 49.4 65.8 0.1	67.5 48. 67.7 48.	0 65.6 0.1 67.5 43. 1 65.8 0.1 67.7 43.	5 65.5 0.0 5 65.7 0.0	67.4 42.4 65.5 0.0 67.6 42.4 65.7 0.0	67.4 43.0 65.5 67.6 43.1 65.7	0.0 67.4 40.4 65.5 0 0.0 67.6 40.4 65.7 0	.0 67.4 .0 67.6	44.6 65.5 0.0 44.8 65.7 0.0	67.4 48.1 65.6 0.1 67.6 48.2 65.8 0.1	67.5 67.7	46.1 65.5 0.0 46.1 65.7 0.0	67.4 43.3 65.5 0.0 67.6 43.4 65.7 0.0	67.4 67.6	40.4 65.5 0.0 40.5 65.7 0.0	67.4 43.0 65.5 67.6 43.0 65.7	0.0 67.4 39.7 65.5 0.0 67.6 39.8 65.7	0.0 67.4 0.0 67.6
001A 027.OG 001A 028.OG	27 001A 28 001A	65	i.6 67.5 47.0 65.7 i.5 67.4 46.9 65.6	0.1	67.6 49.4 65.7 0.1 67.5 49.4 65.6 0.1	67.6 48. 67.5 48.	1 65.7 0.1 67.6 43. 3 65.6 0.1 67.5 43.	5 65.6 0.0 .4 65.5 0.0	67.5 42.4 65.6 0.0 67.4 42.3 65.5 0.0	67.5 43.0 65.6 67.4 42.9 65.5	0.0 67.5 40.4 65.6 0 0.0 67.4 40.3 65.5 0	.0 67.5 .0 67.4	45.2 65.6 0.0 45.1 65.5 0.0	67.5 48.4 65.7 0.1 67.4 48.4 65.6 0.1	67.6 67.5	46.1 65.6 0.0 46.1 65.5 0.0	67.5 43.3 65.6 0.0 67.4 43.3 65.5 0.0	67.5 67.4	40.4 65.6 0.0 40.4 65.5 0.0	67.5 43.0 65.6 67.4 42.9 65.5	0.0 67.5 39.7 65.6 0.0 67.4 39.6 65.5	0.0 67.5
001A 029.OG 001A 030.OG	29 001A 30 001A	65	i.4 67.3 46.9 65.5 i.4 67.3 47.2 65.5	0.1	67.4 49.3 65.5 0.1 67.4 49.3 65.5 0.1	67.4 48. 67.4 48.	2 65.5 0.1 67.4 43. 2 65.5 0.1 67.4 43.	9 65.4 0.0 8 65.4 0.0	67.3 42.3 65.4 0.0 67.3 42.3 65.4 0.0	67.3 42.8 65.4 67.3 42.8 65.4	0.0 67.3 40.2 65.4 0 0.0 67.3 40.2 65.4 0	0 67.3 0 67.3	45.0 65.4 0.0 45.0 65.4 0.0	67.3 48.4 65.5 0.1 67.3 48.3 65.5 0.1	67.4 67.4	46.2 65.5 0.1 46.1 65.5 0.1	67.4 43.2 65.4 0.0 67.4 43.2 65.4 0.0	67.3 67.3	40.3 65.4 0.0 40.3 65.4 0.0	67.3 42.9 65.4 67.3 42.9 65.4	0.0 67.3 39.6 65.4 0.0 67.3 39.5 65.4	0.0 67.3 0.0 67.3
001A 031.0G 001A 032.0G	31 001A 32 001A	65	i.3 67.2 47.2 65.4 i.2 67.1 47.1 65.3	0.1	67.3 49.2 65.4 0.1 67.2 49.2 65.3 0.1	67.3 48. 67.2 48.	1 65.4 0.1 67.3 43. 1 65.3 0.1 67.2 43.	8 65.3 0.0 8 65.2 0.0	67.2 42.2 65.3 0.0 67.1 42.2 65.2 0.0	67.2 42.7 65.3 67.1 42.7 65.2	0.0 67.2 40.1 65.3 0 0.0 67.1 40.1 65.2 0	0 67.2 0 67.1	44.9 65.3 0.0 44.9 65.2 0.0	67.2 48.3 65.4 0.1 67.1 48.4 65.3 0.1	67.3 67.2	46.1 65.4 0.1 46.2 65.3 0.1	67.3 43.1 65.3 0.0 67.2 43.1 65.2 0.0	67.2 67.1	40.4 65.3 0.0 40.4 65.2 0.0	67.2 42.8 65.3 67.1 42.8 65.2	0.0 67.2 39.4 65.3 0.0 67.1 39.4 65.2	0.0 67.2 0.0 67.1
001A 033.OG 001A 034.OG	33 001A 34 001A	65	i.1 67.0 47.1 65.2 i.0 66.9 47.0 65.1	0.1	67.1 49.1 65.2 0.1 67.0 49.1 65.1 0.1	67.1 48. 67.0 48.	0 65.2 0.1 67.1 43. 0 65.1 0.1 67.0 43.	7 65.1 0.0 7 65.0 0.0	67.0 42.1 65.1 0.0 66.9 42.1 65.0 0.0	67.0 42.6 65.1 66.9 42.6 65.0	0.0 67.0 40.0 65.1 0 0.0 66.9 40.0 65.0 0	0 67.0	44.8 65.1 0.0 44.8 65.0 0.0	67.0 48.3 65.2 0.1 66.9 48.4 65.1 0.1	67.1 67.0	46.1 65.2 0.1 46.1 65.1 0.1	67.1 43.1 65.1 0.0 67.0 43.3 65.0 0.0	67.0 66.9	40.3 65.1 0.0 41.2 65.0 0.0	67.0 42.8 65.1 66.9 43.3 65.0	0.0 67.0 39.3 65.1 0.0 66.9 39.3 65.0	0.0 67.0 0.0 66.9
001A 035.OG 001A 036.OG	35 001A 36 001A	65	i.1 67.0 47.0 65.2 i.0 66.9 46.9 65.1	0.1	67.1 49.1 65.2 0.1 67.0 49.0 65.1 0.1	67.1 48. 67.0 47.1	0 65.2 0.1 67.1 43. 9 65.1 0.1 67.0 43.	7 65.1 0.0 6 65.0 0.0	67.0         42.1         65.1         0.0           66.9         42.0         65.0         0.0	67.0 42.6 65.1 66.9 42.5 65.0	0.0 67.0 40.0 65.1 0 0.0 66.9 39.9 65.0 0	.0 67.0 .0 66.9	44.8 65.1 0.0 44.7 65.0 0.0	67.0 48.4 65.2 0.1 66.9 48.6 65.1 0.1	67.1 67.0	46.1 65.2 0.1 46.5 65.1 0.1	67.1 43.3 65.1 0.0 67.0 43.2 65.0 0.0	67.0 66.9	41.2 65.1 0.0 41.1 65.0 0.0	67.0 43.3 65.1 66.9 43.2 65.0	0.0 67.0 39.3 65.1 0.0 66.9 39.2 65.0	0.0 67.0 0.0 66.9
001A 037.0G	37 001A 38 001A	64	1.9 66.8 46.9 65.0 1.8 66.7 46.8 64 9	0.1	66.9 48.9 65.0 0.1 66.8 48.9 64.9 0.1	66.9 47. 66.8 47	8 65.0 0.1 66.9 43. 8 64.9 0.1 66.8 43	5 64.9 0.0 5 64.8 0.0	66.8 42.0 64.9 0.0 66.7 41.9 64.8 0.0	66.8 42.4 64.9 66.7 42.4 64.8	0.0 66.8 39.9 64.9 0	.0 66.8	44.6 64.9 0.0 44.6 64.8 0.0	66.8 48.5 65.0 0.1 66.7 48.5 64.9 0.1	66.9 66.8	46.4 65.0 0.1 46.4 64.9 0.1	66.9 43.2 64.9 0.0 66.8 43.1 64.8 0.0	66.8 66.7	41.1 64.9 0.0 41.0 64.8 0.0	66.8 43.1 64.9 66.7 43.1 64.8	0.0 66.8 39.1 64.9 0.0 66.7 39.1 64.8	0.0 66.8 0.0 66.7
001A 039.OG 001A 040.OG	39 001A 40 001A	64	1.7 66.6 46.8 64.8 1.6 66.5 46.7 64.7	0.1	66.7 48.8 64.8 0.1 66.6 48.7 64.7 0.1	66.7 47. 66.6 47.	7 64.8 0.1 66.7 43. 6 64.7 0.1 66.6 43.	4 64.7 0.0 3 64.6 0.0	66.6 41.9 64.7 0.0 66.5 41.8 64.6 0.0	66.6 42.3 64.7 66.5 42.2 64.6	0.0 66.6 39.7 64.7 0	.0 66.6 .0 66.5	44.5 64.7 0.0 44.5 64.6 0.0	66.6 48.4 64.8 0.1 66.5 48.4 64.7 0.1	66.7 66.6	46.4 64.8 0.1 46.3 64.7 0.1	66.7 43.0 64.7 0.0 66.6 43.0 64.6 0.0	66.6 66.5	40.9 64.7 0.0 40.9 64.6 0.0	66.6 43.0 64.7 66.5 42.9 64.6	0.0 66.6 39.0 64.7 0.0 66.5 38.9 64.6	0.0 66.6
001A 041.0G	41 001A 42 001A	64	1.5 66.4 46.6 64.6 1.3 66.2 46.6 64.4	0.1	66.5 48.7 64.6 0.1 66.3 48.7 64.4 0.1	66.5 47.1 66.3 47	6 64.6 0.1 66.5 43. 6 64.4 0.1 66.3 43	2 64.5 0.0	66.4 41.7 64.5 0.0 66.2 41.7 64.3 0.0	66.4 42.1 64.5 66.2 42.0 64.3	0.0 66.4 39.5 64.5 0	.0 66.4 .0 66.2	44.4 64.5 0.0 44.4 64.3 0.0	66.4 48.4 64.6 0.1 66.2 48.4 64.4 0.1	66.5 66.3	46.3 64.6 0.1 46.3 64.4 0.1	66.5 42.9 64.5 0.0 66.3 42.9 64.3 0.0	66.4 66.2	40.8 64.5 0.0 40.7 64.3 0.0	66.4 42.8 64.5 66.2 42.8 64.3	0.0 66.4 38.8 64.5 0.0 66.2 38.7 64.3	0.0 66.4
001A 043.0G	43 001A 44 001A	64	1.2 66.1 46.5 64.3 1.1 66.0 46.5 64.2	0.1	66.2 48.6 64.3 0.1 66.1 48.8 64.2 0.1	66.2 47.1 66.1 47	9 64.3 0.1 66.2 43. 8 64.2 0.1 66.1 42	1 64.2 0.0 0 64.1 0.0	66.1 41.6 64.2 0.0 66.0 41.6 64.1 0.0	66.1 41.9 64.2 1 66.0 41.9 64.1	0.0 66.1 39.4 64.2 0	.0 66.1 .0 66.0	44.4 64.2 0.0 44.3 64.1 0.0	66.1 48.3 64.3 0.1 66.0 48.3 64.2 0.1	66.2 66 1	46.3 64.3 0.1 46.3 64.2 0.1	66.2 42.8 64.2 0.0 66.1 42.8 64.1 0.0	66.1 66.0	40.6 64.2 0.0 40.6 64.1 0.0	66.1 42.7 64.2 66.0 42.6 64.1	0.0 66.1 38.6 64.2 0.0 66.0 38.6 64.1	0.0 66.1
001A 045.0G	45 001A 46 001A	64	10 65.9 46.5 64.1 19 65.8 46.8 64.0	0.1	66.0 48.7 64.1 0.1 65.9 48.7 64.0 0.1	66.0 47. 65.9 47	7 64.1 0.1 66.0 42. 7 64.0 0.1 65.9 42	9 64.0 0.0	65.9 41.5 64.0 0.0 65.8 41.6 63.9 0.0	65.9 41.8 64.0 65.8 41.8 63.9	0.0 65.9 39.4 64.0 0	0 65.9	44.3 64.0 0.0 44.3 63.9 0.0	65.9 48.3 64.1 0.1 65.8 48.3 64.0 0.1	66.0	46.3 64.1 0.1 46.3 64.0 0.1	66.0 42.7 64.0 0.0 65.9 42.6 63.9 0.0	65.9	40.5 64.0 0.0 40.4 63.9 0.0	65.9 42.5 64.0 65.8 42.5 63.9	0.0 65.9 38.5 64.0 0.0 65.8 38.4 63.0	0.0 65.9
001A 047.0G	47 001A 48 001A	63	1.8 65.7 46.7 63.9 1.7 65.6 46.7 63.9	0.1	65.8 48.6 63.9 0.1 65.7 48.5 63.9 0.1	65.8 47.1 65.8 47.1	6 63.9 0.1 65.8 42. 6 63.8 0.1 46.7 42.	8 63.8 0.0 8 63.7 0.0	65.7 41.5 63.8 0.0 65.6 41.5 63.7 0.0	65.6 41.7 63.8 65.6 41.7 63.7	0.0 65.7 39.3 63.8 0 0.0 65.6 30.7 63.7 0	0 65.7	44.3 63.8 0.0 44.2 63.7 0.0	65.7 48.3 63.9 0.1 65.6 48.3 63.8 0.1	65.8	46.3 63.9 0.1 46.3 63.8 0.1	65.8 42.6 63.8 0.0 65.7 42.5 63.7 0.0	65.7 65.4	40.4 63.8 0.0 40.3 63.7 0.0	65.7 42.4 63.8 65.6 42.3 42.7	0.0 65.7 38.4 63.8 0.0 65.6 29.2 62.7	0.0 65.7 0.0 46.4
001A 049.0G	49 001A	63	1.6 65.5 46.6 63.7 13 65.2 46.6 63.7	0.1	65.6 48.5 63.7 0.1 65.3 48.4 63.4 0.1	65.6 47.	5 63.7 0.1 65.6 42. 4 63.4 0.1 65.2 43	7 63.6 0.0	65.5 41.4 63.6 0.0 65.2 41.3 63.3 0.0	65.5 41.6 63.6 65.2 41.5 62.2	0.0 65.5 39.2 63.6 0	0 65.5	44.2 63.6 0.0	65.5 48.4 63.7 0.1 65.3 48.4 62.4 0.1	65.6	46.4 63.7 0.1	65.6 42.4 63.6 0.0 65.3 42.3 62.3 0.0	65.5	40.2 63.6 0.0	65.5 42.3 63.6 65.2 43.3 63.6	0.0 65.5 38.2 63.6 0.0 65.2 29.1 63.3	0.0 65.5
001A 051.0G	51 001A	63	1.2 65.1 46.5 63.3	0.1	65.2 48.3 63.3 0.1	65.2 47. 65.1 47.	4 63.3 0.1 65.2 42.	7 63.2 0.0	65.1 41.3 63.2 0.0	65.1 41.5 63.2 0	0.0 65.1 39.1 63.2 0	0 65.1	44.5 63.3 0.1	65.2 48.4 63.3 0.1	65.2	46.4 63.3 0.1	65.2 42.2 63.2 0.0	65.1	40.0 63.2 0.0	65.1 42.1 63.2 65.1 42.1 63.2	0.0 65.1 38.0 63.2	0.0 65.1
001A 052.0G	52 001A 53 001A	63	10 64.9 46.4 63.1 64.0 57.2 64.0	0.1	65.0 48.2 63.1 0.1	65.0 47. 67.0 50.0	4 63.1 0.1 65.0 43. 6 63.1 0.1 65.0 43.	1 63.0 0.0 7 64.2 1.4	64.9 41.5 63.0 0.0	64.9 42.0 63.0 0	0.0 64.9 39.5 63.0 0 64.7 172	0 64.9	44.3 63.2 0.1 44.7 63.1 0.1	65.0 48.8 63.2 0.2	65.1	46.5 63.1 0.1	65.0 42.1 63.0 0.0	64.9	40.0 63.0 0.0	64.9 42.0 63.0 64.9 57.0 64.1	0.0 64.9 37.9 63.0 1.2 66.0 52.8 63.1	0.0 64.9
001B 001.0G	2 001B	63	10 64.9 57.2 64.0 1.0 64.9 56.3 63.8	0.9	65.7 60.1 64.8 1.8	66.7 58.	J 64.2 1.2 66.1 61.	4 65.3 2.3	65.2 55.6 63.9 0.9 67.2 59.8 64.7 1.7	65.8 62.1 65.6 66.6 62.1 65.6	2.6 67.5 57.2 64.0 1 2.6 67.5 57.2 64.0 1	.0 65.9	55.8 63.7 0.8	65.6 59.8 64.7 1.7	66.6	58.5 64.3 1.3 57.5 64.0 1.1	65.9 57.8 64.1 1.2	66.0	55.0 63.6 0.6 54.1 63.5 0.5	65.4 57.0 63.9 65.2 55.2 65.2	1.2 66.0 53.8 63.4 1.0 65.8 52.8 63.4	0.5 65.3
001B 003.0G	4 001B	63	1.0 64.9 55.5 63.7 1.0 64.9 55.0 63.6	0.6	65.5 58.4 64.3 1.3	66.2 56.1	9 64.1 1.2 66.0 62. 6 63.9 0.9 65.8 61.	3 65.6 2.7 9 65.5 2.5	67.5 60.9 65.1 Z.1 67.4 60.3 64.8 1.9	66.7 61.6 65.3	2.4 67.2 56.7 63.9 0	.0 65.9	54.7 63.6 0.6 54.0 63.5 0.5	65.4 58.0 64.2 1.2	66.1	56.4 63.8 0.9 55.5 63.7 0.7	65.6 56.8 63.9 0.9	65.8	53.3 63.4 0.4 52.9 63.4 0.4	65.3 56.2 63.8 65.3 55.7 63.7	0.8 65.7 51.7 63.3 0.7 65.6 51.0 63.2	0.3 65.2
001B 005.0G	6 001B	63	10 64.9 55.8 63.7 10 64.9 55.8 63.7	0.7	65.6 57.8 64.1 1.2 65.6 57.8 64.1 1.2	66.0 56.1 56.1	5 63.8 0.9 65.7 61. 5 63.8 0.9 65.7 61.	8 65.4 2.5 7 65.4 2.4	67.3 60.3 64.8 1.9 67.3 60.3 64.8 1.9	66.7 61.5 65.3 56.7 61.5 65.3	2.3 67.2 56.5 63.8 U 2.3 67.2 56.4 63.8 U	.9 65.7 .9 65.7	53.7 63.4 0.5 54.3 63.5 0.6	65.4 58.6 64.3 1.4	66.2	55.1 63.6 0.7 55.7 63.7 0.7	65.6 56.9 63.9 1.0	65.8	52.8 63.4 0.4 52.9 63.4 0.4	65.3 55.6 63.7 65.3 55.7 63.7	0.7 65.6 50.9 63.2	0.3 65.1
001B 007.0G	7 0018 8 0018	63	1.0 64.9 55.5 63.7 1.0 64.9 55.5 63.7	0.7	65.6 58.0 64.2 1.2	66.1 57.	2 64.0 1.0 65.9 61.	6 65.3 2.4	67.2 60.2 64.8 1.8 67.2 60.2 64.8 1.8	66.7 61.4 65.3 5	2.3 67.2 56.3 65.8 U 2.3 67.2 56.2 63.8 U	.9 65.7	54.3 63.5 0.6 54.6 63.5 0.6	65.4 58.9 64.4 1.4 65.4 59.2 64.5 1.5	66.4	55.9 63.7 0.8 56.2 63.8 0.8	65.7 57.0 63.9 1.0	65.8	52.9 63.4 0.4 52.9 63.4 0.4	65.3 55.8 63.7	0.8 65.6 50.9 63.2 0.7 65.6 50.8 63.2	0.3 65.1
001B 009.OG 001B 010.OG	9 001B 10 001B	63	1.0 64.9 55.4 63.7 1.0 64.9 55.5 63.7	0.7	65.6 58.3 64.2 1.3 65.6 58.3 64.2 1.3	66.1 57. 66.1 57.	4 64.0 1.1 65.9 61. 4 64.0 1.1 65.9 61.	5 65.3 2.3 5 65.3 2.3	67.2 60.1 64.8 1.8 67.2 60.1 64.8 1.8	66.7 61.3 65.2 66.7 61.0 65.1	2.3 67.1 56.1 63.8 0 2.1 67.0 55.6 63.7 0	.8 65.7 .7 65.6	54.8 63.6 0.6 55.5 63.7 0.7	65.5 59.7 64.6 1.7 65.6 60.2 64.8 1.8	66.5 66.7	56.7 63.9 0.9 57.4 64.0 1.1	65.8 56.9 63.9 1.0 65.9 57.0 63.9 1.0	65.8 65.8	52.9 63.4 0.4 52.9 63.4 0.4	65.3 55.6 63.7 65.3 55.8 63.7	0.7 65.6 50.6 63.2 0.8 65.6 51.1 63.2	0.2 65.1 0.3 65.1
001B 012.0G	11 0018 12 0018	63	1.0 64.9 55.5 63.7 1.0 64.9 55.5 63.7	0.7	65.6 58.2 64.2 1.3 65.6 58.2 64.2 1.3	66.1 57.	64.0 1.1 65.9 61. 8 64.1 1.2 66.0 61.	4 65.3 2.3 4 65.3 2.3	67.2 60.1 64.8 1.8 67.2 60.0 64.7 1.8	66.6 60.9 65.1 .	2.1 67.0 55.5 65.7 C	.7 65.6	56.5 63.8 0.9 57.3 64.0 1.0	65.9 61.9 65.5 2.5	67.4	58.1 64.2 1.2 58.7 64.3 1.4	66.2 58.2 64.2 1.3	66.1	53.8 63.4 0.5 54.3 63.5 0.6	65.4 57.2 64.0	1.0 65.9 52.8 63.4	0.4 65.3
001B 013.0G	13 0018	63	1.0 64.9 56.1 63.8 1.0 64.9 56.2 63.8	0.8	65.7 58.2 64.2 1.3 65.7 58.2 64.2 1.3	66.1 57. 66.1 57.	4         64.0         1.1         65.9         61.           9         64.1         1.2         66.0         61.	4 65.3 2.3 2 65.2 2.2	67.1 59.8 64.7 1.7 67.1 59.8 64.7 1.7	66.6 60.9 65.1	2.1 67.0 55.0 63.6 C	6 65.5	57.6 64.1 1.1 58.1 64.2 1.2	66.1 63.0 66.0 3.0 YES	67.9	59.2 64.5 1.5 59.8 64.7 1.7	66.6 58.4 64.3 1.3	66.2	54.5 63.5 0.6 54.5 63.5 0.6	65.4 57.3 64.0 65.4 57.4 64.0	1.0 65.9 52.9 63.4 1.1 65.9 52.9 63.4	0.4 65.3
001B 015.0G	15 0018 16 0018	63	1.0 64.9 55.7 63.7 1.0 64.9 56.6 63.9	0.9	65.8 58.8 64.4 1.4	66.3 58.	9 64.1 1.2 66.0 61. 3 64.2 1.3 66.1 61.	1 65.1 2.2 1 65.1 2.2	67.0 59.8 64.7 1.7 67.0 59.7 64.6 1.7	66.5 60.6 64.9	2.0 66.8 54.5 63.5 C	16 65.4 16 65.4	58.5 64.3 1.3 58.8 64.4 1.4	66.3 63.8 66.4 3.5 YES	68.0	60.1 64.8 1.8 60.9 65.1 2.1	67.0 58.9 64.4 1.4	66.3	54.6 63.5 0.6 54.7 63.6 0.6	65.5 57.9 64.1	1.1 65.9 53.2 63.4 1.2 66.0 54.1 63.5	0.4 65.3
001B 017.0G	17 0018 18 0018	63	10 64.9 56.7 63.9 10 64.9 57.1 64.0	1.0	65.9 59.3 64.5 1.6	66.4 58	2 64.2 1.3 66.1 61. 4 64.3 1.3 66.2 61.	0 65.1 2.1	67.0 59.6 64.6 1.7 67.0 59.6 64.6 1.7	66.5 60.5 64.9	2.0 66.8 54.7 63.6 0 66.8 54.7 63.6 0	6 65.5	59.4 64.5 1.6 59.8 64.7 1.7	66.6 64.4 66.7 3.8 YES	68.6	61.4 65.3 2.3 61.4 65.3 2.3	67.2 59.1 64.4 1.5 67.2 59.1 64.4 1.5	66.3	55.1 63.6 0.7 55.9 63.7 0.8	65.6 58.6 64.3	1.3 66.1 54.4 63.5 1.4 66.2 54.5 63.5	0.6 65.4
001B 019.0G	20 001B	63	1.0 64.9 57.1 64.1 1.0 64.9 57.1 64.0	1.0	65.9 59.3 64.5 1.6	66.4 58.	5 04.2 1.5 00.1 00. 4 64.3 1.3 66.2 60.	5 64.9 2.0 5 65.0 1.0	66.8 58.9 64.4 1.4	66.3 60.2 64.8 566.4 66.4 66.4 66.4 66.4 66.4 66.4 66.	1.8 66.7 54.9 63.6 0	6 65.5	60.3 64.8 1.9 60.0 64.8 1.9	66.7 65.1 67.2 4.2 YES	69.1	61.8 65.4 2.5 62.2 65.6 2.7	67.5 59.4 64.5 1.6	66.4	56.2 63.8 0.8	65.7 58.3 64.2 65.9 58.5 64.2	1.2 66.1 52.5 63.4 1.3 66.1 53.0 63.4	0.4 65.3
001B 022.0G	21 0018 22 0018	63	1.1 65.0 57.0 64.1 1.2 65.1 57.1 64.2	1.0	66.1 59.2 64.7 1.5	66.6 58.	1 64.3 1.2 66.3 60. 2 64.4 1.2 66.3 60.	4 65.0 1.9	66.9 58.9 64.6 1.4 66.9 58.9 64.6 1.4	66.5 60.2 65.0	1.8 66.9 54.9 63.8 0	16 65.7	60.6 65.1 2.0 60.6 65.1 1.9	67.0 65.2 67.3 4.1 YES	69.1	62.8 66.0 2.8	67.9 59.8 64.8 1.6	66.7	56.5 64.0 0.8	65.9 58.8 64.5	1.3 66.4 54.2 63.7	0.4 65.4
001B 023.0G	23 0018 24 0018	63	1.3 65.2 57.2 64.3 1.4 65.3 57.4 64.4	1.0	66.3 59.2 64.8 1.4 66.3 59.2 64.8 1.4	66.7 58.	5 64.5 1.2 66.4 60. 2 64.5 1.1 66.4 60.	4 65.1 1.8 1 65.1 1.7	67.0 58.8 64.7 1.3 67.0 58.8 64.7 1.3	66.6 60.2 65.1	1.8 67.0 54.9 65.9 C	6 65.9	61.1 65.4 2.0	67.3 65.5 67.6 4.2 YES	69.3 69.5	63.0 66.2 2.9 63.1 66.3 2.9	68.2 59.7 64.9 1.5	66.8	55.5 64.1 0.7	65.8 58.2 64.5 66.0 58.2 64.5	1.2 66.4 54.2 63.8 1.1 66.4 54.0 63.9	0.5 65.8
001B 025.OG 001B 026.OG	25 001B 26 001B	63	1.5 65.4 57.3 64.4 1.6 65.5 57.4 64.5	0.9	66.3 59.4 64.9 1.4 66.4 59.6 65.1 1.5	66.8 58. 67.0 58.	3 64.6 1.1 66.5 60. 5 64.8 1.2 66.7 60.	0 65.1 1.6 1 65.2 1.6	67.0 58.7 64.7 1.2 67.1 58.7 64.8 1.2	66.6 60.1 65.1 66.7 60.1 65.2	1.6 67.0 54.8 64.0 0 1.6 67.1 54.8 64.1 0	.5 65.9 .5 66.0	61.4 65.6 2.1 61.4 65.6 2.0	67.5 65.5 67.6 4.1 YES 67.5 65.6 67.7 4.1 YES	69.5 69.6	62.9 66.2 2.7 63.0 66.3 2.7	68.1 59.8 65.0 1.5 68.2 59.9 65.1 1.5	66.9 67.0	55.8 64.2 0.7 56.4 64.4 0.8	66.1 58.4 64.7 66.3 58.8 64.8	1.2 66.6 54.1 64.0 1.2 66.7 54.2 64.1	0.5 65.9
001B 027.0G	27 0018 28 0018	63	1.6 65.5 57.0 64.5	0.9	66.4 59.2 64.9 1.3	66.8 58.	5 04.8 1.1 00.7 00. 6 64.8 1.2 66.7 60.	1 65.2 1.6	67.1 38.0 04.9 1.2 67.1 58.7 64.8 1.2	66.7 60.0 65.2	1.6 07.2 34.8 04.2 0 1.6 67.1 54.7 64.1 0	15 66.0	61.3 65.6 2.0 61.1 65.6 6.6	67.5 65.5 67.7 4.1 YES	69.6	63.0 66.3 2.7 63.0 66.3 2.7	68.2 60.6 65.4 1.8	67.3	57.5 64.6 1.0	66.5 59.8 65.1	1.5 67.0 55.3 64.2 1.5 67.0 55.3 64.2	0.6 66.1
001B 029.0G	30 001B	63	1.6 65.5 57.6 64.6	1.0	66.5 59.3 65.0 1.4	66.9 58.	7 64.8 1.2 66.7 59	4 65.0 1.4	66.9 58.6 64.8 1.2	66.7 60.0 65.2 66.7 60.0 65.2	1.6 07.1 34.7 04.1 0 1.6 67.1 54.7 64.1 0	15 66.0	61.1 65.5 1.9 61.1 65.5 1.9	67.4 65.0 67.4 3.8 YES	69.3	62.5 66.1 2.5	68.0 60.6 65.4 1.8 68.0 60.6 65.4 1.8	67.3	57.5 64.6 1.0 57.5 64.6 0.0	66.5 59.8 65.1 66.1 59.8	1.5 67.0 55.2 64.2 1.5 67.0 55.2 64.2	0.6 66.1
001B 032.0G	31 0018 32 0018	63	1.6 65.5 57.8 64.6	1.0	66.5 59.9 65.1 1.5	67.0 58.	5 64.8 1.2 66.7 59	4 65.0 1.4	66.9 58.5 64.8 1.2 66.9 58.5 64.8 1.2	66.7 59.9 65.1 66.7 59.9 65.1	1.5 67.0 54.6 64.1 0	15 66.0	60.9 65.5 1.9	67.4 64.9 67.3 3.7 YES	69.3 69.2	62.5 66.1 2.5	68.0 60.3 65.3 1.7 68.0 60.3 65.3 1.7	67.2	57.2 64.5 0.9	66.4 59.1 64.9	1.3 66.8 53.8 64.0 1.3 66.8 53.8 64.0	0.4 65.9
001B 033.0G	34 001B	63	1.6 65.5 58.1 64.7	1.0	66.6 59.8 65.1 1.5 66.6 59.8 65.1 1.5	67.0 58	5 64.8 1.2 66.7 59. 64.8 1.2 66.7 59.	2 64.9 1.3 2 64.0 1.3	66.8 58.3 64.7 1.1 66.8 58.3 64.7 1.1	66.6 59.7 65.1	1.5 67.0 54.5 64.1 C	15 66.0	60.6 65.4 1.8 60.6 65.4 1.8	67.3 64.7 67.2 3.6 YES	69.1	62.5 66.1 2.5 62.0 (7.0 2.2)	68.0 60.2 65.2 1.6 68.0 60.2 65.2 1.6	67.1	57.8 64.6 1.0	66.5 59.4 65.0	1.3 66.9 53.7 64.0 1.4 66.9 53.7 64.0	0.4 65.9
001B 035.0G	36 0018 37 0018	63	1.5 65.4 58.0 64.6	1.1	66.5 59.8 65.0 1.5 66.5 59.7 65.0 1.5	66.9 58.	4 64.7 1.2 66.6 59. 4 64.7 1.2 66.6 59.	1 64.8 1.3 0 64.9 1.2	66.7 58.2 64.6 1.1 66.7 59.2 64.6 1.1	66.5 59.6 65.0 56.5 59.6 65.0	1.5 66.9 54.4 64.0 0	15 65.9	60.4 65.3 1.7 60.2 65.2 1.7 60.0 65.1 1.6	67.1 63.9 66.7 3.2 YES	68.6	62.0 65.8 2.3 62.0 65.8 2.3	67.7 59.6 65.0 1.5 67.7 59.7 65.0 1.5	66.9	57.7 64.5 1.0 57.9 64.5 1.0	66.4 59.0 64.8 66.4 59.0 64.8	1.4 66.7 51.8 63.8 1.2 66.7 51.7 63.9	0.4 65.7
001B 038.0G	38 001B	63	1.5 65.4 57.9 64.6	1.1	66.5 59.7 65.0 1.5 66.5 59.7 65.0 1.5	66.9 58	4 64.7 1.2 66.6 59.	0 64.8 1.3	66.7 58.1 64.6 1.1 66.7 58.0 64.6 1.1	66.5 59.5 65.0 566.5 59.4 64.9	1.5 66.9 54.3 64.0 0 66.9 54.3 64.0 0	5 65.9	59.9 65.1 1.6 59.8 65.0 1.5	67.0 63.8 66.7 3.2 YES	68.6	61.9 65.8 2.3 61.9 65.8 2.3	67.7 59.7 65.0 1.5 67.7 59.7 65.0 1.5	66.9	57.8 64.5 1.0 57.4 64.5 1.0	66.4 59.0 64.8 66.4 59.1 64.8	1.3 66.7 51.7 63.8 1.2 66.7 51.7 63.8	0.3 65.7
001B 040.0G	40 001B	63	1.4 65.3 57.9 64.5	1.1	66.4 59.6 64.9 1.5 66.4 59.8 64.7 1.2	66.8 58. 66.6 59	3 64.6 1.2 66.5 58. 2 64.5 11 66.4 59	8 64.7 1.3	66.6 58.0 64.5 1.1 66.6 57.9 64.5 1.1	66.4 59.4 64.9	1.5 66.8 54.2 63.9 0 66.7 54.1 62.9 0	5 65.8	59.7 64.9 1.5 59.7 64.9 1.5	66.8 63.6 66.5 3.1 YES	68.4	61.8 65.7 2.3 61.8 65.7 2.3	67.6 59.7 64.9 1.5 67.6 59.2 64.8 1.4	66.8	57.3 64.4 1.0 57.2 64.2 0.9	66.3 58.6 64.6 66.2 58.5 64.6	1.2 66.5 51.6 63.7 1.2 66.5 51.6 63.7	0.3 65.6
001B 042.0G	42 001B	63	1.4 65.3 57.8 64.5 1.4 65.2 57.7 64.4	1.1	66.4 58.8 64.7 1.3 66.2 58.7 64.7 1.2	66.6 58. 66.6 58	1 64.5 1.1 66.4 58. 1 64.5 1.1 66.4 58.	7 64.7 1.3	66.6 57.8 64.5 1.1 66.6 57.8 64.5 1.1	66.4 59.2 64.8	1.4 66.7 53.9 63.9 0 66.7 53.9 63.9 0	5 65.8	59.7 64.9 1.5 59.7 64.9 1.5	66.8 63.3 66.4 3.0 66.8 63.2 66.4 2.0	68.3	61.7 65.6 2.2 61.7 65.6 2.2	67.5 59.1 64.8 1.4 67.5 59.1 64.8 1.4	66.7	56.8 64.3 0.9 56.7 64.2 0.8	66.2 58.2 64.5 66.1 59.1 64.5	1.1 66.4 51.4 63.7 1.1 66.4 51.2 63.7	0.3 65.6
001B 044.0G	44 001B 45 001B	63	1.4 65.3 57.7 64.4 1.4 65.3 57.6 64.4	1.0	66.3 58.7 64.7 1.3 66.3 58.6 64.6 1.2	66.6 58. 66.5 58.	0.4 30. 0 64.5 1.1 66.4 58. 0 64.5 1.1 66.4 co	6 64.6 1.2 6 64.6 1.2	66.5 57.7 64.4 1.0 66.5 57.7 64.4 1.0	66.3 59.0 64.7 66.3 59.0 64.7	1.3 66.6 53.9 63.9 0 1.3 66.6 53.8 63.9 0	.5 65.8	59.6 64.9 1.5 59.6 64.9 1.5	66.8 63.2 66.3 2.9 66.8 63.0 66.2 2.8	68.2	61.7 65.6 2.2 61.4 65.5 2.1	67.5 59.0 64.7 1.3 67.4 59.0 64.7 1.3	66.6 66.6	56.7 64.2 0.8 56.2 64.7 0.9	66.1 58.1 64.5 66.1 57.7 64.4	1.1 66.4 51.2 63.7 1.0 66.3 51.1 63.6	0.3 65.6 0.2 6c c
001B 046.0G	46 001B 47 001B	63	1.3 65.2 57.6 64.3 1.3 65.2 57.5 64.3	1.0	66.2 58.6 64.6 1.3 66.2 58.6 64.6 1.3	66.5 58	D 64.4 1.1 66.3 58. D 64.4 1.1 66.3 58.	5 64.5 1.2 4 64.5 1.2	66.4 57.5 64.3 1.0 66.4 57.5 64.3 1.0	66.2 58.9 64.6 66.2 58.9 64.6	1.3 66.5 53.8 63.8 0 13 66.5 53.7 63.8 0	.5 65.7 5 65.7	59.5 64.8 1.5 59.5 64.8 1.5	66.7 63.0 66.2 2.9 66.7 62.9 66.1 2.8	68.1 68.0	61.3 65.4 2.1 61.2 65.4 2.1	67.3 58.9 64.6 1.3 67.3 58.8 64.6 1.3	66.5	56.1 64.1 0.8 56.0 64.0 0.7	66.0 57.6 64.3 65.9 57.6 64.3	1.0 66.2 51.0 63.5	0.2 65.4
001B 048.0G	48 001B 49 001R	63	1.2 65.1 57.5 64.2 1.2 65.1 57.5 64.2	1.0	66.1 58.7 64.5 1.3 66.1 58.8 64.5 1.2	66.4 58. 66.4 to	1 64.4 1.2 66.3 58. 1 64.4 1.2 66.3 58.	4 64.4 1.2 3 64.4 1.2	66.3 57.4 64.2 1.0 66.3 57.3 64.2 1.0	66.1 58.8 64.5 66.1 58.8 64.5	1.3 66.4 53.8 63.7 0 1.3 66.4 53.8 63.7 0	15 65.6 15 65.6	59.1 64.6 1.4 59.0 64.6 1.4	66.5 62.8 66.0 2.8 66.5 62.7 66.0 2.8	67.9 67 9	61.1 65.3 2.1 61.1 65.3 2.1	67.2 58.8 64.5 1.3 67.2 58.7 64.5 1.3	66.4 66.4	56.0 64.0 0.8 55.9 63.9 0.7	65.9 57.5 64.2 65.8 57.4 64.2	1.0 66.1 50.8 63.4 1.0 66.1 50.8 63.4	0.2 65.3
001B 050.0G	50 001B 51 001B	63	1.2 65.1 57.5 64.2 1.2 65.1 57.5 64.2	1.0	66.1 58.9 64.6 1.4 66.1 58.8 64.5 1.2	66.5 58. 66.4 to	1 64.4 1.2 66.3 58. 0 64.3 1.1 66.2 te	2 64.4 1.2 1 64.4 1.2	66.3 57.3 64.2 1.0 66.3 57.2 64.2 1.0	66.1 58.7 64.5 66.1 58.6 64.5	1.3 66.4 53.8 63.7 0 1.3 66.4 53.7 63.7 0	15 65.6 15 65.6	59.0 64.6 1.4 59.0 64.6 1.4	66.5 62.7 66.0 2.8 66.5 62.3 65.8 2.6	67.9 67 7	61.1 65.3 2.1 60.4 65.0 1.8	67.2 58.7 64.5 1.3 66.9 58.6 64.5 1.3	66.4 66.4	55.8 63.9 0.7 55.7 63.9 0.7	65.8 57.4 64.2 65.8 57.3 64.2	1.0 66.1 50.7 63.4 1.0 66.1 50.7 63.4	0.2 65.3
001B 052.OG 001B 053.OG	52 001B 53 001B	63	1.1 65.0 57.7 64.2 1.0 64.9 57.7 64.1	1.1	66.1 58.8 64.5 1.4 66.0 58.8 64.4 1.4	66.4 57. 66.3 57.	9 64.2 1.1 66.1 58. 9 64.2 1.2 66.1 58.	0 64.3 1.2 0 64.2 1.2	66.2 57.1 64.1 1.0 66.1 57.1 64.0 1.0	66.0 58.6 64.4 65.9 58.5 64.3	1.3 66.3 53.7 63.6 0 1.3 66.2 53.6 63.5 0	.5 65.5 .5 65.4	58.9 64.5 1.4 58.6 64.3 1.3	66.4 62.0 65.6 2.5 66.2 61.8 65.5 2.5	67.5 67.4	60.1 64.9 1.8 60.2 64.8 1.8	66.8 58.6 64.4 1.3 66.7 58.5 64.3 1.3	66.3 66.2	55.7 63.8 0.7 55.6 63.7 0.7	65.7 57.3 64.1 65.6 57.2 64.0	1.0 66.0 50.7 63.3 1.0 65.9 50.6 63.2	0.2 65.2 0.2 65.1
001C 004.OG 001C 005.OG	4 001C 5 001C	63	1.0 64.9 51.4 63.2 1.0 64.9 52.9 63.4	0.3	65.1 53.9 63.5 0.5 65.3 54.8 63.6 0.6	65.4 53. 65.5 54.	5 63.4 0.5 65.3 61. 3 63.5 0.6 65.4 61.	9 65.5 2.5 9 65.5 2.5	67.4 60.9 65.1 2.1 67.4 60.9 65.1 2.1	67.0 62.2 65.6 67.0 62.2 65.6	2.7 67.5 56.3 63.8 C 2.7 67.5 56.3 63.8 C	.9 65.7 .9 65.7	45.4 63.0 0.1 47.5 63.1 0.1	64.9 50.7 63.2 0.3 65.0 52.8 63.4 0.4	65.1 65.3	47.9 63.1 0.1 50.3 63.2 0.2	65.0 54.7 63.6 0.6 65.1 54.9 63.6 0.6	65.5 65.5	49.8 63.2 0.2 50.6 63.2 0.2	65.1 52.3 63.3 65.1 52.8 63.4	0.4 65.2 39.5 63.0 0.4 65.3 40.9 63.0	0.0 64.9
001C 006.OG 001C 007.OG	6 001C 7 001C	63	1.0 64.9 55.6 63.7 1.0 64.9 57.7 64.1	0.7	65.6 57.7 64.1 1.1 66.0 59.5 64.6 1.6	66.0 57. 66.5 57.	3 64.0 1.0 65.9 62. 5 64.0 1.1 65.9 62.	0 65.5 2.6 0 65.5 2.6	67.4 61.0 65.1 2.1 67.4 61.0 65.1 2.1	67.0 62.2 65.6 67.0 62.3 65.6	2.7 67.5 56.4 63.8 0 2.7 67.5 56.4 63.8 0	.9 65.7 .9 65.7	51.7 63.3 0.3 52.9 63.4 0.4	65.2 56.7 63.9 0.9 65.3 58.0 64.2 1.2	65.8 66.1	54.6 63.5 0.6 56.1 63.8 0.8	65.4 55.8 63.7 0.8 65.7 56.1 63.8 0.8	65.6 65.7	52.0 63.3 0.3 52.9 63.4 0.4	65.2 54.1 63.5 65.3 54.6 63.5	0.5 65.4 44.5 63.0 0.6 65.4 45.0 63.0	0.1 64.9 0.1 64.9
001C 008.OG	8 001C 9 001C	63	1.0 64.9 56.2 63.8 1.0 64.9 56.4 63.8	0.8	65.7 59.0 64.4 1.5 65.7 58.3 64.2 1.3	66.3 57. 66.1 59	7 64.1 1.1 66.0 61. 4 64.5 1.6 66.4 61.	9 65.5 2.5 9 65.5 2.5	67.4 61.0 65.1 2.1 67.4 60.9 65.1 2.1	67.0 62.3 65.6 67.0 62.3 65.6	2.7 67.5 56.4 63.8 0 2.7 67.5 56.4 63.8 0	.9 65.7 .9 65.7	53.9 63.5 0.5 54.9 63.6 0.6	65.4 59.0 64.4 1.5 65.5 59.7 64.6 1.7	66.3 66.5	57.2 64.0 1.0 57.9 64.1 1.2	65.9 56.4 63.8 0.9 66.0 56.6 63.9 0.9	65.7 65.8	53.5 63.4 0.5 53.7 63.4 0.5	65.3 55.0 63.6 65.3 55.2 63.6	0.6 65.5 45.7 63.0 0.7 65.5 46.7 63.1	0.1 64.9 0.1 65.0
001C 010.0G 001C 011.0G	10 001C 11 001C	63	1.9 65.8 56.7 64.7 1.6 66.5 57.0 65.3	0.8	66.6 58.7 65.0 1.1 67.2 59.0 65.7 1.1	66.9 583 67.6 583	8 65.1 1.2 67.0 61. 2 65.5 0.9 67.4 61.	9 66.0 2.1 9 66.5 1.9	67.9 61.0 65.7 1.8 68.4 61.0 66.2 1.6	67.6 62.3 66.2 68.1 62.3 66.6	2.3 68.1 56.4 64.6 0 2.0 68.5 56.4 65.2 0	.7 66.5 .6 67.1	55.8 64.5 0.6 57.1 65.3 0.7	66.4 60.6 65.6 1.7 67.2 62.2 66.6 2.0	67.5 68.5	58.7 65.0 1.1 60.3 66.0 1.4	66.9 56.8 64.7 0.8 67.9 57.9 65.4 0.8	66.6 67.3	54.3 64.4 0.5 56.2 65.2 0.6	66.3 55.6 64.5 67.1 57.2 65.3	0.6 66.4 47.7 64.0 0.7 67.2 48.4 64.7	0.1 65.9 0.1 66.6
001C 012.OG 001C 013.OG	12 001C 13 001C	65	1 67.0 57.4 65.8 5 67.4 57.2 66.1	0.7	67.7 59.3 66.1 1.0 68.0 59.3 66.4 0.9	68.0 58. 68.3 58.	3 65.9 0.8 67.8 61. 2 66.2 0.7 68.1 61.	9 66.8 1.7 9 67.1 1.6	68.7 60.9 66.5 1.4 69.0 60.9 66.8 1.3	68.4 62.3 66.9 68.7 62.2 67.2	1.8         68.8         56.4         65.6         0           1.7         69.1         56.4         66.0         0	.5 67.5 .5 67.9	57.8 65.8 0.7 58.3 66.3 0.8	67.7 63.1 67.2 2.1 68.2 63.5 67.6 2.1	69.1 69.5	61.4 66.6 1.5 62.0 67.1 1.6	68.5 58.3 65.9 0.8 69.0 58.3 66.3 0.8	67.8 68.2	56.5 65.7 0.6 56.6 66.0 0.5	67.6 57.4 65.8 67.9 57.6 66.2	0.7 67.7 48.8 65.2 0.7 68.1 49.1 65.6	0.1 67.1 0.1 67.5
001C 014.0G	14 001C 15 001C	65	.8 67.7 57.5 66.4 .1 68.0 58.4 66.8	0.6	68.3 59.7 66.8 1.0 68.7 60.0 67.1 1.0	68.7 58. 69.0 59.	6 66.6 0.8 68.5 61. 3 66.9 0.8 68.8 61.	9 67.3 1.5 8 67.5 1.4	69.2         60.9         67.0         1.2           69.4         60.9         67.2         1.1	68.9 62.2 67.4 69.1 62.2 67.6	1.6 69.3 56.3 66.3 0 1.5 69.5 56.3 66.5 0	.5 68.2 .4 68.4	58.9 66.6 0.8 60.0 67.1 1.0	68.5 63.9 68.0 2.2 69.0 64.6 68.4 2.3	69.9 70.3	62.3 67.4 1.6 63.0 67.8 1.7	69.3 58.6 66.6 0.8 69.7 59.0 66.9 0.8	68.5 68.8	56.9 66.3 0.5 57.5 66.7 0.6	68.2 57.9 66.5 68.6 58.4 66.8	0.7 68.4 50.5 65.9 0.7 68.7 52.2 66.3	0.1 67.8 0.2 68.2
001C 016.OG 001C 017.OG	16 001C 17 001C	66	i.3 68.2 58.5 67.0 i.4 68.3 58.8 67.1	0.7	68.9 60.4 67.3 1.0 69.0 60.5 67.4 1.0	69.2 59. 69.3 59.3	6 67.1 0.8 69.0 61. 8 67.3 0.9 69.2 61.	8 67.6 1.3 8 67.7 1.3	69.5 60.8 67.4 1.1 69.6 60.8 67.5 1.1	69.3 62.2 67.7 69.4 62.1 67.8	1.4 69.6 56.5 66.7 0 1.4 69.7 56.4 66.8 0	4 68.6	60.7 67.4 1.1 60.3 67.4 1.0	69.3 65.3 68.8 2.5 69.3 65.2 68.9 2.5	70.7 70.8	63.5 68.1 1.8 63.3 68.1 1.7	70.0 59.1 67.1 0.8 70.0 59.2 67.2 0.8	69.0 69.1	58.2 66.9 0.6 57.5 66.9 0.5	68.8 59.0 67.0 68.8 59.1 67.1	0.7 68.9 52.6 66.5 0.7 69.0 49.0 66.5	0.2 68.4 0.1 68.4
001C 018.OG 001C 019.OG	18 001C 19 001C	66	i.5 68.4 59.0 67.2 i.6 68.5 58.7 67.3	0.7	69.1 60.5 67.5 1.0 69.2 60.4 67.5 0.9	69.4 59.3 69.4 59.3	5 67.3 0.8 69.2 61. 5 67.4 0.8 69.3 61.	7 67.7 1.2 3 67.7 1.1	69.6 60.7 67.5 1.0 69.6 60.2 67.5 0.9	69.4 62.0 67.8 69.4 61.3 67.7	1.3 69.7 56.3 66.9 0 1.1 69.6 55.9 67.0 0	4 68.8 4 68.9	60.3 67.4 0.9 60.0 67.5 0.9	69.3 65.3 69.0 2.5 69.4 65.3 69.0 2.4	70.9 70.9	63.5 68.3 1.8 63.3 68.3 1.7	70.2 58.8 67.2 0.7 70.2 58.9 67.3 0.7	69.1 69.2	57.6 67.0 0.5 57.7 67.1 0.5	68.9 58.7 67.2 69.0 58.7 67.3	0.7 69.1 49.7 66.6 0.7 69.2 50.1 66.7	0.1 68.5 0.1 68.6
001C 020.OG 001C 021.OG	20 001C 21 001C	66	.6 68.5 59.7 67.4 .6 68.5 60.2 67.5	0.8	69.3 60.5 67.6 1.0 69.4 60.5 67.6 1.0	69.5 59. 69.5 59.	5 67.4 0.8 69.3 60. 7 67.4 0.8 69.3 60.	8 67.6 1.0 8 67.6 1.0	69.5 59.6 67.4 0.8 69.5 59.6 67.4 0.8	69.3 61.0 67.7 69.3 61.1 67.7	1.1 69.6 55.4 66.9 0 1.1 69.6 55.4 66.9 0	.3 68.8 .3 68.8	60.9 67.6 1.0 61.5 67.8 1.2	69.5 65.6 69.1 2.5 69.7 65.8 69.2 2.6	71.0	63.6 68.4 1.8 63.9 68.5 1.9	70.3 59.0 67.3 0.7 70.4 58.9 67.3 0.7	69.2 69.2	57.2 67.1 0.5 56.6 67.0 0.4	69.0 58.4 67.2 68.9 57.9 67.1	0.6 69.1 50.1 66.7 0.5 69.0 49.5 66.7	0.1 68.6 0.1 68.6
001C 022.OG 001C 023.OG	22 001C 23 001C	66	i.7 68.6 59.8 67.5 i.7 68.6 60.1 67.6	0.8	69.4 60.5 67.6 0.9 69.5 60.8 67.7 1.0	69.5 59. 69.6 60.	7 67.5 0.8 69.4 60. 2 67.6 0.9 69.5 60.	7 67.7 1.0 7 67.7 1.0	69.6 59.6 67.5 0.8 69.6 59.5 67.5 0.8	69.4 61.0 67.7 69.4 60.9 67.7	1.0 69.6 55.4 67.0 0 1.0 69.6 55.4 67.0 0	.3 68.9 .3 68.9	61.5 67.8 1.1 61.9 67.9 1.2	69.7 65.9 69.3 2.6 69.8 66.2 69.5 2.8	71.2	64.0 68.6 1.9 64.2 68.6 1.9	70.5 58.9 67.4 0.7 70.5 59.2 67.4 0.7	69.3 69.3	56.7 67.1 0.4 57.1 67.2 0.5	69.0 58.0 67.2 69.1 58.4 67.3	0.5 69.1 49.7 66.8 0.6 69.2 50.7 66.8	0.1 68.7 0.1 68.7
001C 024.OG 001C 025.OG	24 001C 25 001C	66	i.6 68.5 59.7 67.4 i.7 68.6 59.8 67.5	0.8	69.3 61.0 67.7 1.1 69.4 61.0 67.7 1.0	69.6 59. 69.6 60.	9 67.4 0.8 69.3 60. 0 67.5 0.8 69.4 60.	7 67.6 1.0 6 67.7 1.0	69.5 59.6 67.4 0.8 69.6 59.5 67.5 0.8	69.3 60.9 67.6 69.4 60.8 67.7	1.0 69.5 55.4 66.9 C 1.0 69.6 55.3 67.0 C	.3 68.8 .3 68.9	61.4 67.7 1.1 61.6 67.9 1.2	69.6 66.0 69.3 2.7 69.8 66.2 69.5 2.8	71.2 71.4	64.3 68.6 2.0 64.4 68.7 2.0	70.5 60.1 67.5 0.9 70.6 60.2 67.6 0.9	69.4 69.5	57.9 67.1 0.5 58.2 67.3 0.6	69.0 59.5 67.4 69.2 59.6 67.5	0.8 69.3 53.0 66.8 0.8 69.4 52.9 66.9	0.2 68.7 0.2 68.8
001C 026.OG 001C 027.OG	26 001C 27 001C	66	i.6 68.5 59.4 67.4 i.6 68.5 59.6 67.4	0.8	69.3 61.0 67.7 1.1 69.3 61.0 67.7 1.1	69.6 60. 69.6 60.	1 67.5 0.9 69.4 60. 3 67.5 0.9 69.4 59.	.6 67.6 1.0 9 67.4 0.8	69.5         59.4         67.4         0.8           69.3         59.4         67.4         0.8	69.3 60.8 67.6 69.3 60.7 67.6	1.0 69.5 55.3 66.9 0 1.0 69.5 55.2 66.9 0	.3 68.8 .3 68.8	61.7 67.8 1.2 61.7 67.8 1.2	69.7 66.2 69.4 2.8 69.7 65.9 69.3 2.7	71.3 71.2	64.4 68.6 2.0 64.2 68.6 2.0	70.5 60.1 67.5 0.9 70.5 60.1 67.5 0.9	69.4 69.4	58.4 67.2 0.6 58.5 67.2 0.6	69.1 59.8 67.4 69.1 59.8 67.4	0.8 69.3 52.8 66.8 0.8 69.3 52.7 66.8	0.2 68.7 0.2 68.7
001C 028.OG 001C 029.OG	28 001C 29 001C	66	i.5 68.4 59.6 67.3 i.4 68.3 59.6 67.2	0.8	69.2 61.0 67.6 1.1 69.1 60.9 67.5 1.1	69.5 60. 69.4 60.	3 67.4 0.9 69.3 59. 3 67.4 1.0 69.3 59.	9 67.4 0.9 9 67.3 0.9	69.3 59.3 67.3 0.8 69.2 59.3 67.2 0.8	69.2 60.7 67.5 69.1 60.6 67.4	1.0 69.4 55.2 66.8 0 1.0 69.3 55.1 66.7 0	.3 68.7 .3 68.6	61.6 67.7 1.2 61.3 67.6 1.2	69.6 65.6 69.1 2.6 69.5 65.7 69.1 2.7	71.0 71.0	63.6 68.3 1.8 63.6 68.2 1.8	70.2 60.2 67.4 0.9 70.1 60.2 67.3 0.9	69.3 69.2	58.6 67.2 0.7 58.8 67.1 0.7	69.1 59.9 67.4 69.0 60.0 67.3	0.9 69.3 52.7 66.7 0.9 69.2 52.6 66.6	0.2 68.6 0.2 68.5
001C 030.0G	30 001C 31 001C	66	.4 68.3 59.8 67.3 .3 68.2 60.0 67.2	0.9	69.2         61.5         67.6         1.2           69.1         61.4         67.5         1.2	69.5 60. 69.4 60.	2 67.3 0.9 69.2 59. 0 67.2 0.9 69.1 59.	9 67.3 0.9 9 67.2 0.9	69.2         59.2         67.2         0.8           69.1         59.1         67.1         0.8	69.1 60.6 67.4 69.0 60.5 67.3	1.0 69.3 55.1 66.7 0 1.0 69.2 55.0 66.6 0	.3 68.6 .3 68.5	61.2 67.5 1.1 61.2 67.5 1.2	69.4 65.6 69.0 2.6 69.4 65.5 68.9 2.6	70.9 70.8	63.7 68.3 1.9 63.6 68.2 1.9	70.2 60.2 67.3 0.9 70.1 60.0 67.2 0.9	69.2 69.1	58.5 67.1 0.7 58.3 66.9 0.6	69.0 59.8 67.3 68.8 59.6 67.1	0.9 69.2 52.5 66.6 0.8 69.0 52.4 66.5	0.2 68.5 0.2 68.4
001C 032.OG 001C 033.OG	32 001C 33 001C	66	2 68.1 59.9 67.1 2 68.1 59.9 67.1	0.9	69.0 61.3 67.4 1.2 69.0 61.3 67.4 1.2	69.3 60. 69.3 60.	0 67.1 0.9 69.0 60. 0 67.1 0.9 69.0 59.	0 67.1 0.9 9 67.1 0.9	69.0 59.1 67.0 0.8 69.0 59.0 67.0 0.8	68.9 60.4 67.2 68.9 60.4 67.2	1.0 69.1 55.0 66.5 0 1.0 69.1 55.0 66.5 0	.3 68.4 .3 68.4	60.9 67.3 1.1 60.6 67.3 1.1	69.2 64.9 68.6 2.4 69.2 64.7 68.5 2.3	70.5 70.4	63.0 67.9 1.7 62.9 67.9 1.7	69.8 60.1 67.2 1.0 69.8 60.1 67.2 1.0	69.1 69.1	58.6 66.9 0.7 58.8 66.9 0.7	68.8 59.8 67.1 68.8 60.0 67.1	0.9 69.0 52.4 66.4 0.9 69.0 52.3 66.4	0.2 68.3 0.2 68.3
001C 034.0G	34 001C 35 001C	66	1 68.0 59.9 67.0 0 67.9 59.8 66.9	0.9	68.9 61.2 67.3 1.2 68.8 61.2 67.2 1.2	69.2 59. 69.1 59	9 67.0 0.9 68.9 59. 9 67.0 1.0 68.9 59.	8 67.0 0.9 8 66.9 0.9	68.9 59.0 66.9 0.8 68.8 58.9 66.8 0.8	68.8 60.3 67.1 68.7 60.3 67.0	1.0 69.0 54.9 66.4 0 1.0 68.9 54.8 66.3 0	.3 68.3 .3 68.7	60.2 67.1 1.0 60.0 67.0 1.0	69.0 64.6 68.4 2.3 68.9 64.5 68.3 2.3	70.3 70.2	62.8 67.8 1.7 62.7 67.7 1.7	69.7 60.2 67.1 1.0 69.6 60.2 67.0 1.0	69.0 68.9	59.0 66.9 0.8 59.0 66.8 0.8	68.8 60.1 67.1 68.7 60.1 67.0	1.0 69.0 52.2 66.3 1.0 68.9 52.1 66.7	0.2 68.2 0.2 68.1
001C 036.OG 001C 037.OG	36 001C 37 001C	66	.0 67.9 59.8 66.9 .9 67.8 59.8 66.9	0.9	68.8         61.1         67.2         1.2           68.8         61.1         67.1         1.2	69.1 59.3 69.0 59.1	8 66.9 0.9 68.8 59. 9 66.9 1.0 68.8 59.	.7 66.9 0.9 .6 66.8 0.9	68.8         58.8         66.8         0.8           68.7         58.7         66.7         0.8	68.7 60.2 67.0 68.6 60.1 66.9	1.0 68.9 54.7 66.3 0 1.0 68.8 54.7 66.2 0	.3 68.2 .3 68.1	59.9 67.0 1.0 59.7 66.8 0.9	68.9 64.4 68.3 2.3 68.7 64.2 68.1 2.2	70.2 70.0	62.6 67.6 1.6 62.3 67.5 1.6	69.5         60.1         67.0         1.0           69.4         60.1         66.9         1.0	68.9 68.8	58.9 66.8 0.8 58.4 66.6 0.7	68.7 60.0 67.0 68.5 59.6 66.8	1.0 68.9 52.0 66.2 0.9 68.7 51.9 66.1	0.2 68.1 0.2 68.0
001C 038.OG 001C 039.OG	38 001C 39 001C	65	.8 67.7 59.7 66.8 .7 67.6 59.7 66.7	1.0	68.7         60.7         67.0         1.2           68.6         60.4         66.8         1.1	68.9 59. 68.7 59.	6 66.7 0.9 68.6 59. 6 66.7 1.0 68.6 59.	.6 66.7 0.9 .5 66.6 0.9	68.6 58.7 66.6 0.8 68.5 58.6 66.5 0.8	68.5 60.1 66.8 68.4 60.0 66.7	1.0 68.7 54.6 66.1 0 1.0 68.6 54.6 66.0 0	.3 68.0 .3 67.9	59.7 66.8 1.0 59.6 66.7 1.0	68.7 64.1 68.0 2.2 68.6 64.1 68.0 2.3	69.9 69.9	62.3 67.4 1.6 62.2 67.3 1.6	69.3         60.1         66.8         1.0           69.2         60.0         66.7         1.0	68.7 68.6	58.3 66.5 0.7 58.3 66.4 0.7	68.4 59.5 66.7 68.3 59.4 66.6	0.9 68.6 51.8 66.0 0.9 68.5 51.8 65.9	0.2 67.9 0.2 67.8
001C 040.0G	40 001C 41 001C	65	.6 67.5 59.8 66.6 .5 67.4 59.5 66.5	1.0	68.5 60.3 66.7 1.1 68.4 60.3 66.6 1.1	68.6 59. 68.5 59.	5 66.6 1.0 68.5 59. 5 66.5 1.0 68.4 59.	5 66.6 1.0 4 66.5 1.0	68.5 58.5 66.4 0.8 68.4 58.5 66.3 0.8	68.3 59.8 66.6 68.2 59.7 66.5	1.0 68.5 54.5 65.9 0 1.0 68.4 54.3 65.8 0	.3 67.8 .3 67.7	59.6 66.6 1.0 59.6 66.5 1.0	68.5 63.9 67.8 2.2 68.4 63.9 67.8 2.3	69.7 69.7	62.0 67.2 1.6 62.0 67.1 1.6	69.1 60.0 66.7 1.1 69.0 59.9 66.6 1.1	68.6 68.5	58.2 66.3 0.7 58.1 66.2 0.7	68.2 59.3 66.5 68.1 59.3 66.4	0.9 68.4 51.7 65.8 0.9 68.3 51.6 65.7	0.2 67.7 0.2 67.6
001C 042.OG 001C 043.OG	42 001C 43 001C	65	i.4 67.3 59.5 66.4 i.3 67.2 59.5 66.3	1.0	68.3 60.3 66.6 1.2 68.2 60.3 66.5 1.2	68.5 59. 68.4 59.	6 66.4 1.0 68.3 59 7 66.4 1.1 68.3 59	3 66.4 1.0 3 66.3 1.0	68.3         58.3         66.2         0.8           68.2         58.3         66.1         0.8	68.1 59.7 66.4 68.0 59.6 66.3	1.0 68.3 54.2 65.7 0 1.0 68.2 54.2 65.6 0	.3 67.6 .3 67.5	59.6 66.4 1.0 59.5 66.3 1.0	68.3 63.8 67.7 2.3 68.2 63.6 67.5 2.2	69.6 69.4	62.1 67.1 1.7 62.1 67.0 1.7	69.0 59.5 66.4 1.0 68.9 59.4 66.3 1.0	68.3 68.2	58.0 66.1 0.7 56.7 65.9 0.6	68.0 59.2 66.3 67.8 58.3 66.1	0.9 68.2 51.6 65.6 0.8 68.0 51.5 65.5	0.2 67.5 0.2 67.4
001C 044.OG 001C 045.OG	44 001C 45 001C	65	i.3 67.2 59.4 66.3 i.2 67.1 59.5 66.2	1.0	68.2         60.5         66.5         1.2           68.1         60.4         66.4         1.2	68.4 59. 68.3 59.	7 66.4 1.1 68.3 59 6 66.3 1.1 68.2 59	2 66.3 1.0 1 66.2 1.0	68.2         58.2         66.1         0.8           68.1         58.1         66.0         0.8	68.0 59.5 66.3 67.9 59.5 66.2	1.0 68.2 54.1 65.6 0 1.0 68.1 54.1 65.5 0	.3 67.5 .3 67.4	59.5 66.3 1.0 59.4 66.2 1.0	68.2 63.5 67.5 2.2 68.1 63.3 67.4 2.2	69.4 69.3	62.0 67.0 1.7 62.0 66.9 1.7	68.9 59.4 66.3 1.0 68.8 58.8 66.1 0.9	68.2 68.0	56.6 65.8 0.5 56.5 65.7 0.5	67.7 58.2 66.1 67.6 58.2 66.0	0.8 68.0 51.4 65.5 0.8 67.9 51.4 65.4	0.2 67.4 0.2 67.3
001C 046.OG 001C 047.OG	46 001C 47 001C	65	i.1 67.0 59.6 66.2 i.0 66.9 59.6 66.1	1.1	68.1 60.4 66.4 1.3 68.0 60.4 66.3 1.3	68.3 59. 68.2 59.	6 66.2 1.1 68.1 59 6 66.1 1.1 68.0 58	0 66.1 1.0 9 66.0 1.0	68.0 58.1 65.9 0.8 67.9 58.0 65.8 0.8	67.8 59.5 66.2 67.7 59.4 66.1	1.1 68.1 54.1 65.4 0 1.1 68.0 54.2 65.3 0	.3 67.3 .3 67.2	59.2 66.1 1.0 59.1 66.0 1.0	68.0 63.3 67.3 2.2 67.9 63.1 67.2 2.2	69.2 69.1	61.9 66.8 1.7 61.8 66.7 1.7	68.7 58.7 66.0 0.9 68.6 58.7 65.9 0.9	67.9 67.8	56.4 65.6 0.5 56.4 65.6 0.6	67.5 58.1 65.9 67.5 58.1 65.8	0.8 67.8 51.4 65.3 0.8 67.7 51.4 65.2	0.2 67.2 0.2 67.1
001C 048.OG 001C 049.OG	48 001C 49 001C	64 64	1.9 66.8 59.6 66.0 1.8 66.7 59.6 65.9	1.1	67.9 60.3 66.2 1.3 67.8 60.3 66.1 1.3	68.1 59 68.0 59	4 66.0 1.1 67.9 58. 3 65.9 1.1 67.8 58.	8 65.9 1.0 .6 65.7 0.9	67.8 58.0 65.7 0.8 67.6 57.9 65.6 0.8	67.6 59.4 66.0 67.5 59.3 65.9	1.1 67.9 54.2 65.3 0 1.1 67.8 54.2 65.2 0	4 67.2	59.1 65.9 1.0 59.0 65.8 1.0	67.8 63.1 67.1 2.2 67.7 63.0 67.0 2.2	69.0 68.9	61.8 66.6 1.7 61.7 66.5 1.7	68.5 58.7 65.8 0.9 68.4 58.7 65.8 1.0	67.7 67.7	56.3 65.5 0.6 56.2 65.4 0.6	67.4 58.1 65.7 67.3 58.1 65.6	0.8 67.6 51.4 65.1 0.8 67.5 51.5 65.0	0.2 67.0 0.2 66.9
001C 050.OG 001C 051.OG	50 001C 51 001C	64	1.7 66.6 59.3 65.8 1.7 66.6 59.2 65.8	1.1	67.7 60.3 66.0 1.3 67.7 60.3 66.0 1.3	67.9 59. 67.9 59.	2 65.8 1.1 67.7 58. 2 65.8 1.1 67.7 58.	6 65.7 1.0 5 65.6 0.9	67.6 57.8 65.5 0.8 67.5 57.7 65.5 0.8	67.4 59.2 65.8 67.4 59.2 65.8	1.1 67.7 54.1 65.1 0 1.1 67.7 54.0 65.1 0	4 67.0	59.0 65.7 1.0 59.0 65.7 1.0	67.6 62.9 66.9 2.2 67.6 62.8 66.9 2.2	68.8 68.8	61.6 66.4 1.7 61.3 66.3 1.6	68.3 58.6 65.7 1.0 68.2 58.6 65.7 1.0	67.6	56.1 65.3 0.6 56.0 65.2 0.5	67.2 58.0 65.5 67.1 57.9 65.5	0.8 67.4 51.4 64.9 0.8 67.4 51.6 64.9	0.2 66.8 0.2 66.8

		5	i months (demo) 2 months of Overlap (only 2 months of hoe ram modelec P1T1 P1T1b	d) 8 months (foundation) 6 month P1T2	nths (superstruture) 1 Months (exterior) P1T3 P1T4	3 months of overlap (ext/int) P174b	7 months (int) P1T5	4 months (demo) P2T1	1 month of Overlap (demo/excavation) P2T1b	5 months (foundation) P2T2	16 months (superstructure) P2T3	2 Months (exteriors) P2T4	4 months of overlap (ext/int) P2T4b	7 months (interiors) P2T5
CadnaA Receptor Sites 001C 052.0G	Elevation Fa (floor) Nu 52 001C	Existing         Existing         Leq           umber         Leq(1)         L10         Const         Total           64.6         66.5         59.1         65.7	L10         Leg         L10           Change         Exceed?         Total         Const         Total         Change         Exceed?         Total           1.1         67.6         60.2         65.9         1.3         67.8	Leq         L10         Leq           Const         Total         Change         Exceed?         Total         Const         Total         59.1         65.7         1.1         67.6         58.5         65.6	L10         Leq         L10           Change         Exceed?         Total         Const         Total         Change         Exceed?         Total           1.0         67.5         57.7         65.4         0.8         67.3         67.3	Leq           Const         Total         Change         Exceed?           59.1         65.7         1.1	L10         Leq         L10           Total         Const         Total         Change         Exceed?         Total           67.6         54.0         65.0         0.4         66.9	Leq         L10           Const         Total         Change         Exceed?         Total           59.1         65.7         1.1         67.6	Leq         L10           Const         Total         Change         Exceed?         Total           62.8         66.8         2.2         68.7	Leq         L10           Const         Total         Change         Exceed?         Total           61.3         66.3         1.7         68.2	Leq           Const         Total         Change         Exceed?           58.7         65.6         1.0         1.0	L10         Leq         L10           Total         Const         Total         Change         Exceed?         Total           67.5         55.9         65.1         0.5         67.0	Leq         L10           Const         Total         Change         Exceed?         Total           58.0         65.5         0.9         67.4         67.4	Leq         L10           Const         Total         Change         Exceed?         Total           51.6         64.8         0.2         66.7
001C 053.OG 001D 005.OG	53 001C 5 001D	64.5 66.4 59.1 65.6 63.0 64.9 41.4 63.0	1.1         67.5         60.2         65.9         1.4         67.8           0.0         64.9         42.2         63.0         0.0         64.9	59.1         65.6         1.1         67.5         58.5         65.5           41.5         63.0         0.0         64.9         46.6         63.0	1.0         67.4         57.6         65.3         0.8         67.2           0.1         64.9         46.7         63.1         0.1         65.0	59.0 65.6 1.1 41.5 63.0 0.0	67.5         53.9         64.9         0.4         66.8           64.9         45.2         63.0         0.1         64.9	59.0 65.6 1.1 67.5 41.7 63.0 0.0 64.9	62.8 66.7 2.2 68.6 46.4 63.0 0.1 64.9	61.0 66.1 1.6 68.0 45.3 63.0 0.1 64.9	58.7 65.5 1.0 43.4 63.0 0.0	67.4 55.9 65.1 0.6 67.0 64.9 37.7 63.0 0.0 64.9	58.0         65.4         0.9         67.3           41.8         63.0         0.0         64.9	51.7 64.7 0.2 66.6 39.8 63.0 0.0 64.9
001D 006.0G 001D 007.0G 001D 008.0G	6 001D 7 001D 8 001D	63.0 64.9 45.2 63.0 63.0 64.9 46.0 63.0 63.0 64.9 46.9 63.1	0.1 64.9 47.1 63.1 0.1 65.0 0.1 64.9 47.9 63.1 0.1 65.0 0.1 66.9 47.9 63.1 0.1 65.0	45.7 63.0 0.1 64.9 47.5 63.1 46.5 63.0 0.1 64.9 47.7 63.1 47.6 63.1 0.1 66.9 47.7 63.1	0.1 65.0 47.1 63.1 0.1 65.0 0.1 65.0 47.3 63.1 0.1 65.0 0.1 65.0 47.6 63.1 0.1 65.0	43.9 63.0 0.1 44.4 63.0 0.1 45.4 63.0 0.1	64.9 45.8 63.0 0.1 64.9 64.9 46.0 63.0 0.1 64.9 64.9 46.4 63.0 0.1 64.9	45.1 63.0 0.1 64.9 45.9 63.0 0.1 64.9 47.0 63.1 0.1 65.0	49.4 63.1 0.2 65.0 51.0 63.2 0.3 65.1 51.9 63.3 0.3 65.2	47.9 63.1 0.1 65.0 48.8 63.1 0.2 65.0 49.8 63.2 0.2 65.1	46.1 63.0 0.1 48.0 63.1 0.1 48.9 63.1 0.2	64.9 41.1 63.0 0.0 64.9 65.0 41.6 63.0 0.0 64.9 65.0 42.6 63.0 0.0 64.9	44.7 63.0 0.1 64.9 45.4 63.0 0.1 64.9 46.5 63.0 0.1 64.9	42.3 63.0 0.0 64.9 43.2 63.0 0.0 64.9 44.3 63.0 0.1 64.9
001D 009.0G 001D 010.0G	9 001D 10 001D	63.0 64.9 46.7 63.1 63.0 64.9 46.3 63.0	0.1 65.0 48.9 63.1 0.2 65.0 0.1 64.9 48.3 63.1 0.1 65.0	47.4         63.1         0.1         65.0         48.2         63.1           46.9         63.1         0.1         65.0         47.9         63.1	0.1 65.0 47.5 63.1 0.1 65.0 0.1 65.0 47.4 63.1 0.1 65.0	45.3 63.0 0.1 44.7 63.0 0.1	64.9         46.3         63.0         0.1         64.9           64.9         42.1         63.0         0.0         64.9	47.3 63.1 0.1 65.0 46.4 63.0 0.1 64.9	52.1         63.3         0.3         65.2           51.5         63.3         0.3         65.2	50.1         63.2         0.2         65.1           49.6         63.1         0.2         65.0	49.0 63.1 0.2 48.7 63.1 0.2	65.0         42.5         63.0         0.0         64.9         64.9           65.0         40.6         63.0         0.0         64.9         64.9         64.9         64.9         65.0         64.9         64.9         65.0         64.9         64.9         65.0         64.9         65.0         64.9         65.0         64.9         64.9         65.0         64.9         64.9         65.0         64.9         65.0         64.9         65.0         64.9         65.0         64.9         65.0         64.9         65.0         64.9         65.0         64.9         65.0         64.9         65.0         64.9         65.0	46.7 63.1 0.1 65.0 46.0 63.0 0.1 64.9	44.7 63.0 0.1 64.9 44.6 63.0 0.1 64.9
001D 011.0G 001D 012.0G 001D 013.0G	11 001D 12 001D 13 001D	63.0 64.9 46.2 63.0 63.0 64.9 46.2 63.0 63.0 64.9 46.3 63.0	0.1 64.9 48.1 63.1 0.1 65.0 0.1 64.9 48.1 63.1 0.1 65.0 0.1 64.9 48.0 63.1 0.1 65.0	46.8         63.1         0.1         65.0         47.8         63.1           46.8         63.1         0.1         65.0         47.8         63.1           46.8         63.1         0.1         65.0         47.8         63.1           46.8         63.1         0.1         65.0         47.8         63.1	0.1 65.0 47.2 63.1 0.1 65.0 0.1 65.0 47.2 63.1 0.1 65.0 0.1 65.0 47.1 63.1 0.1 65.0	44.6 63.0 0.1 44.6 63.0 0.1 44.5 63.0 0.1	64.9         42.0         63.0         0.0         64.9           64.9         42.0         63.0         0.0         64.9           64.9         42.0         63.0         0.0         64.9           64.9         41.9         63.0         0.0         64.9	46.4 63.0 0.1 64.9 43.7 63.0 0.1 64.9 43.6 63.0 0.1 64.9	51.7 63.3 0.3 65.2 52.5 63.3 0.4 65.2 53.3 63.4 0.4 65.3	49.8         63.2         0.2         65.1           49.0         63.1         0.2         65.0           50.5         63.2         0.2         65.1	49.2 63.1 0.2 50.7 63.2 0.3 50.7 63.2 0.3	65.0 40.5 63.0 0.0 64.9 65.1 40.1 63.0 0.0 64.9 65.1 40.0 63.0 0.0 64.9	46.0 63.0 0.1 64.9 42.7 63.0 0.0 64.9 42.6 63.0 0.0 64.9	44.7 63.0 0.1 64.9 39.2 63.0 0.0 64.9 39.1 63.0 0.0 64.9
001D 014.0G 001D 015.0G	14 001D 15 001D	63.0 64.9 46.4 63.0 63.0 64.9 46.6 63.0	0.1 64.9 48.2 63.1 0.1 65.0 0.1 64.9 48.4 63.1 0.1 65.0	46.9         63.1         0.1         65.0         44.1         63.0           47.0         63.1         0.1         65.0         44.1         63.0	0.1         64.9         42.4         63.0         0.0         64.9           0.1         64.9         42.5         63.0         0.0         64.9	43.0 63.0 0.0 43.1 63.0 0.0	64.9         41.0         63.0         0.0         64.9           64.9         40.9         63.0         0.0         64.9	43.7         63.0         0.1         64.9           43.8         63.0         0.1         64.9	53.3         63.4         0.4         65.3           53.3         63.4         0.4         65.3	50.5         63.2         0.2         65.1           50.5         63.2         0.2         65.1	50.7 63.2 0.3 50.7 63.2 0.3	65.1         40.0         63.0         0.0         64.9           65.1         40.2         63.0         0.0         64.9	42.6         63.0         0.0         64.9           42.8         63.0         0.0         64.9	39.1         63.0         0.0         64.9           39.3         63.0         0.0         64.9
001D 016.0G 001D 017.0G 001D 018.0G	16 001D 17 001D 18 001D	63.0 64.9 46.8 63.1 63.0 64.9 47.1 63.1 63.0 64.9 47.5 63.1	0.1 65.0 48.4 63.1 0.1 65.0 0.1 65.0 48.5 63.1 0.2 65.0 0.1 65.0 48.5 63.1 0.2 65.0	47.1         63.1         0.1         65.0         44.0         63.0           47.2         63.1         0.1         65.0         42.4         63.0           47.5         63.1         0.1         65.0         42.4         63.0	0.1 64.9 42.4 63.0 0.0 64.9 0.0 64.9 40.0 63.0 0.0 64.9 0.0 64.9 39.8 63.0 0.0 64.9	42.9 63.0 0.0 42.7 63.0 0.0 42.5 63.0 0.0	64.9         40.7         63.0         0.0         64.9           64.9         40.6         63.0         0.0         64.9           64.9         39.3         63.0         0.0         64.9	43.6         63.0         0.1         64.9           43.5         63.0         0.0         64.9           43.4         63.0         0.0         64.9	53.2         63.4         0.4         65.3           53.2         63.4         0.4         65.3           53.1         63.4         0.4         65.3	50.5         63.2         0.2         65.1           50.4         63.2         0.2         65.1           50.4         63.2         0.2         65.1           50.4         63.2         0.2         65.1	50.6 63.2 0.2 50.6 63.2 0.2 50.5 63.2 0.2	65.1 40.0 63.0 0.0 64.9 65.1 39.9 63.0 0.0 64.9 65.1 39.6 63.0 0.0 64.9	42.6         63.0         0.0         64.9           42.4         63.0         0.0         64.9           42.2         63.0         0.0         64.9	39.1         63.0         0.0         64.9           38.9         63.0         0.0         64.9           38.6         63.0         0.0         64.9
001D 019.0G 001D 020.0G	19 001D 20 001D	63.0 64.9 48.1 63.1 63.0 64.9 42.8 63.0	0.1 65.0 48.9 63.1 0.2 65.0 0.0 64.9 46.1 63.0 0.1 64.9	47.8         63.1         0.1         65.0         41.6         63.0           44.2         63.0         0.1         64.9         41.7         63.0	0.0         64.9         39.3         63.0         0.0         64.9           0.0         64.9         39.4         63.0         0.0         64.9	42.0 63.0 0.0 42.1 63.0 0.0	64.9         38.9         63.0         0.0         64.9           64.9         39.0         63.0         0.0         64.9	43.1 63.0 0.0 64.9 42.4 63.0 0.0 64.9	53.0 63.4 0.4 65.3 46.2 63.0 0.1 64.9	50.2         63.2         0.2         65.1           44.0         63.0         0.1         64.9	50.4 63.2 0.2 41.7 63.0 0.0	65.1         39.2         63.0         0.0         64.9           64.9         38.9         63.0         0.0         64.9	41.7 63.0 0.0 64.9 41.5 63.0 0.0 64.9	38.1         63.0         0.0         64.9           38.1         63.0         0.0         64.9
001D 021.0G 001D 022.0G 001D 023.0G	21 001D 22 001D 23 001D	63.0 64.9 43.0 63.0 63.0 64.9 43.2 63.0 63.0 64.9 43.5 63.0	0.0 64.9 46.4 63.0 0.1 64.9 0.0 64.9 46.6 63.0 0.1 64.9 0.0 64.9 46.9 33.1 0.1 64.9	44.4         63.0         0.1         64.9         42.0         63.0           44.7         63.0         0.1         64.9         42.3         63.0           45.0         63.0         0.1         64.9         42.6         63.0	0.0 64.9 39.7 63.0 0.0 64.9 0.0 64.9 39.9 63.0 0.0 64.9 0.0 64.9 40.2 63.0 0.0 64.9	42.4 63.0 0.0 42.6 63.0 0.0 42.9 63.0 0.0	64.9 39.2 63.0 0.0 64.9 64.9 39.5 63.0 0.0 64.9 64.9 39.8 63.0 0.0 64.9	42.4         63.0         0.0         64.9           42.7         63.0         0.0         64.9           43.0         63.0         0.0         64.9	46.3 63.0 0.1 64.9 46.6 63.0 0.1 64.9 46.9 63.1 0.1 65.0	44.1         63.0         0.1         64.9           44.4         63.0         0.1         64.9           44.8         63.0         0.1         64.9	41.7 63.0 0.0 42.0 63.0 0.0 42.3 63.0 0.0	64.9         38.9         63.0         0.0         64.9           64.9         39.2         63.0         0.0         64.9           64.9         39.5         63.0         0.0         64.9	41.6 63.0 0.0 64.9 41.9 63.0 0.0 64.9 42.2 63.0 0.0 64.9	38.2         63.0         0.0         64.9           38.5         63.0         0.0         64.9           38.9         63.0         0.0         64.9
001D 024.0G 001D 025.0G	24 001D 25 001D	63.0 64.9 43.5 63.0 63.0 64.9 43.6 63.0	0.0 64.9 47.0 63.1 0.1 65.0 0.1 64.9 47.0 63.1 0.1 65.0	45.0         63.0         0.1         64.9         42.6         63.0           45.1         63.0         0.1         64.9         42.7         63.0	0.0         64.9         40.2         63.0         0.0         64.9           0.0         64.9         40.3         63.0         0.0         64.9	42.9 63.0 0.0 43.0 63.0 0.0	64.9         39.8         63.0         0.0         64.9           64.9         39.9         63.0         0.0         64.9	43.1 63.0 0.0 64.9 43.1 63.0 0.0 64.9	46.9 63.1 0.1 65.0 47.0 63.1 0.1 65.0	44.8         63.0         0.1         64.9           44.8         63.0         0.1         64.9	42.3 63.0 0.0 42.4 63.0 0.0	64.9         39.5         63.0         0.0         64.9           64.9         39.5         63.0         0.0         64.9	42.2 63.0 0.0 64.9 42.2 63.0 0.0 64.9	38.9         63.0         0.0         64.9           38.9         63.0         0.0         64.9
001D 026.0G 001D 027.0G 001D 028.0G	26 001D 27 001D 28 001D	63.0 64.9 43.4 63.0 63.0 64.9 43.4 63.0 63.0 64.9 43.5 63.0	0.0         64.9         46.8         63.1         0.1         65.0           0.0         64.9         46.8         63.1         0.1         65.0           0.0         64.9         46.8         63.1         0.1         65.0           0.0         64.9         46.8         63.1         0.1         65.0	44.9         63.0         0.1         64.9         42.5         63.0           45.0         63.0         0.1         64.9         42.5         63.0           45.0         63.0         0.1         64.9         42.5         63.0           45.0         63.0         0.1         64.9         42.5         63.0	0.0 64.9 40.1 63.0 0.0 64.9 0.0 64.9 40.1 63.0 0.0 64.9 0.0 64.9 40.1 63.0 0.0 64.9	42.8 63.0 0.0 42.8 63.0 0.0 42.8 63.0 0.0	64.9 39.7 63.0 0.0 64.9 64.9 39.7 63.0 0.0 64.9 64.9 39.7 63.0 0.0 64.9	43.1         63.0         0.0         64.9           43.1         63.0         0.0         64.9           43.1         63.0         0.0         64.9	46.9 63.1 0.1 65.0 46.9 63.1 0.1 65.0 46.9 63.1 0.1 65.0	44.7         63.0         0.1         64.9           44.7         63.0         0.1         64.9           44.8         63.0         0.1         64.9	42.2 63.0 0.0 42.2 63.0 0.0 42.2 63.0 0.0	64.9         39.3         63.0         0.0         64.9           64.9         39.3         63.0         0.0         64.9           64.9         39.3         63.0         0.0         64.9           64.9         39.3         63.0         0.0         64.9	42.0         63.0         0.0         64.9           42.0         63.0         0.0         64.9           42.0         63.0         0.0         64.9           42.0         63.0         0.0         64.9	38.7         63.0         0.0         64.9           38.7         63.0         0.0         64.9           38.7         63.0         0.0         64.9           38.7         63.0         0.0         64.9
001D 029.0G 001D 030.0G	29 001D 30 001D	63.0 64.9 43.5 63.0 63.0 64.9 43.6 63.0 63.0 64.9 43.6 63.0	0.0 64.9 46.8 63.1 0.1 65.0 0.1 64.9 46.8 63.1 0.1 65.0	45.0 63.0 0.1 64.9 42.4 63.0 45.0 63.0 0.1 64.9 42.5 63.0	0.0         64.9         40.0         63.0         0.0         64.9           0.0         64.9         40.0         63.0         0.0         64.9           0.0         64.9         40.0         63.0         0.0         64.9	42.8 63.0 0.0 42.8 63.0 0.0	64.9 39.6 63.0 0.0 64.9 64.9 39.7 63.0 0.0 64.9	43.1 63.0 0.0 64.9 43.1 63.0 0.0 64.9	46.9 63.1 0.1 65.0 47.0 63.1 0.1 65.0	44.8         63.0         0.1         64.9           44.8         63.0         0.1         64.9           44.8         63.0         0.1         64.9	42.1 63.0 0.0 42.2 63.0 0.0	64.9 39.3 63.0 0.0 64.9 64.9 39.4 63.0 0.0 64.9	42.0 63.0 0.0 64.9 42.1 63.0 0.0 64.9	38.7 63.0 0.0 64.9 38.8 63.0 0.0 64.9
001D 031.0G 001D 032.0G 001D 033.0G	31 001D 32 001D 33 001D	63.0 64.9 43.5 63.0 63.0 64.9 43.5 63.0 63.0 64.9 43.5 63.0	0.0 64.9 46.7 63.1 0.1 65.0 0.0 64.9 46.6 63.0 0.1 65.0 0.0 64.9 46.6 63.0 0.1 64.9	44.9         03.0         0.1         04.9         44.5         05.0           44.8         63.0         0.1         64.9         42.5         63.0           44.8         63.0         0.1         64.9         42.5         63.0           44.8         63.0         0.1         64.9         42.4         63.0	0.0         64.9         39.9         63.0         0.0         64.9           0.0         64.9         39.9         63.0         0.0         64.9           0.0         64.9         39.8         63.0         0.0         64.9	42.6 63.0 0.0 42.6 63.0 0.0 42.6 63.0 0.0	64.9         39.5         63.0         0.0         64.9           64.9         39.5         63.0         0.0         64.9           64.9         39.4         63.0         0.0         64.9	43.2         63.0         0.0         64.9           43.1         63.0         0.0         64.9           43.1         63.0         0.0         64.9	47.0 65.1 0.1 65.0 46.9 63.1 0.1 65.0 46.9 63.1 0.1 65.0	44.8         63.0         0.1         64.9           44.8         63.0         0.1         64.9           44.7         63.0         0.1         64.9	42.1 63.0 0.0 42.1 63.0 0.0 42.0 63.0 0.0	64.9         39.5         63.0         0.0         64.9           64.9         39.4         63.0         0.0         64.9           64.9         39.3         63.0         0.0         64.9	42.1         65.0         0.0         64.9           42.0         63.0         0.0         64.9           41.9         63.0         0.0         64.9	38.7         63.0         0.0         64.9           38.6         63.0         0.0         64.9           38.5         63.0         0.0         64.9
001D 034.0G 001D 035.0G	34 001D 35 001D	63.0 64.9 43.4 63.0 63.0 64.9 43.4 63.0	0.0         64.9         46.5         63.0         0.1         64.9           0.0         64.9         46.4         63.0         0.1         64.9	44.7         63.0         0.1         64.9         42.3         63.0           44.6         63.0         0.1         64.9         42.2         63.0           44.6         63.0         0.1         64.9         42.2         63.0	0.0         64.9         39.7         63.0         0.0         64.9           0.0         64.9         39.7         63.0         0.0         64.9           0.0         64.9         39.7         63.0         0.0         64.9	42.5 63.0 0.0 42.4 63.0 0.0	64.9         39.3         63.0         0.0         64.9           64.9         39.3         63.0         0.0         64.9           64.9         39.3         63.0         0.0         64.9	43.0         63.0         0.0         64.9           42.9         63.0         0.0         64.9	46.8 63.1 0.1 65.0 46.7 63.1 0.1 65.0	44.6         63.0         0.1         64.9           44.6         63.0         0.1         64.9           44.6         63.0         0.1         64.9	41.9 63.0 0.0 41.8 63.0 0.0	64.9 39.3 63.0 0.0 64.9 64.9 39.2 63.0 0.0 64.9	41.9         63.0         0.0         64.9           41.8         63.0         0.0         64.9           41.8         63.0         0.0         64.9	38.4         63.0         0.0         64.9           38.3         63.0         0.0         64.9
001D 037.0G 001D 038.0G	37 001D 38 001D	63.0 64.9 43.2 63.0 63.0 64.9 43.1 63.0	0.0         64.9         46.2         63.0         0.1         64.9           0.0         64.9         46.1         63.0         0.1         64.9	44.4         63.0         0.1         64.9         42.0         63.0           44.3         63.0         0.1         64.9         42.0         63.0	0.0         64.9         39.5         63.0         0.0         64.9           0.0         64.9         39.4         63.0         0.0         64.9	42.2 63.0 0.0 42.1 63.0 0.0	64.9         39.1         63.0         0.0         64.9           64.9         39.0         63.0         0.0         64.9	42.0         63.0         60.0         64.9           42.7         63.0         0.0         64.9           42.6         63.0         0.0         64.9	46.5 63.0 0.1 64.9 46.4 63.0 0.1 64.9	44.4         63.0         0.1         64.9           44.3         63.0         0.1         64.9	41.6 63.0 0.0 41.5 63.0 0.0	64.9         38.9         63.0         0.0         64.9           64.9         38.9         63.0         0.0         64.9	41.5         63.0         0.0         64.9           41.4         63.0         0.0         64.9	38.1         63.0         0.0         64.9           38.0         63.0         0.0         64.9
001D 039.0G 001D 040.0G 001D 041.0G	39 001D 40 001D 41 001D	63.0 64.9 43.0 63.0 63.0 64.9 43.0 63.0 63.0 64.9 42.9 63.0	0.0 64.9 46.1 63.0 0.1 64.9 0.0 64.9 46.0 63.0 0.1 64.9 0.0 64.9 46.0 63.0 0.1 64.9	44.3         63.0         0.1         64.9         41.9         63.0           44.2         63.0         0.1         64.9         41.8         63.0           44.1         63.0         0.1         64.9         41.8         63.0           44.1         63.0         0.1         64.9         41.8         63.0	0.0 64.9 39.4 63.0 0.0 64.9 0.0 64.9 39.3 63.0 0.0 64.9 0.0 64.9 39.2 63.0 0.0 64.9	42.1 63.0 0.0 42.0 63.0 0.0 41.9 63.0 0.0	64.9 38.9 63.0 0.0 64.9 64.9 38.9 63.0 0.0 64.9 64.9 38.8 63.0 0.0 64.9	42.6 63.0 0.0 64.9 42.5 63.0 0.0 64.9 42.4 63.0 0.0 64.9	46.4 63.0 0.1 64.9 46.4 63.0 0.1 64.9 46.3 63.0 0.1 64.9	44.2 63.0 0.1 64.9 44.1 63.0 0.1 64.9 44.1 63.0 0.1 64.9	41.6 63.0 0.0 41.5 63.0 0.0 41.5 63.0 0.0	64.9         39.0         63.0         0.0         64.9           64.9         39.0         63.0         0.0         64.9           64.9         39.0         63.0         0.0         64.9           64.9         38.9         63.0         0.0         64.9	41.5 63.0 0.0 64.9 41.4 63.0 0.0 64.9 41.4 63.0 0.0 64.9	38.0 63.0 0.0 64.9 37.9 63.0 0.0 64.9 37.8 63.0 0.0 64.9
001D 042.OG 001D 043.OG	42 001D 43 001D	63.0 64.9 42.8 63.0 63.0 64.9 42.7 63.0	0.0 64.9 45.8 63.0 0.1 64.9 0.0 64.9 45.7 63.0 0.1 64.9	44.1         63.0         0.1         64.9         41.7         63.0           43.9         63.0         0.1         64.9         41.5         63.0	0.0         64.9         39.1         63.0         0.0         64.9           0.0         64.9         39.0         63.0         0.0         64.9	41.8 63.0 0.0 41.7 63.0 0.0	64.9         38.7         63.0         0.0         64.9           64.9         38.5         63.0         0.0         64.9	42.4         63.0         0.0         64.9           42.2         63.0         0.0         64.9	46.2 63.0 0.1 64.9 46.1 63.0 0.1 64.9	44.0         63.0         0.1         64.9           43.8         63.0         0.1         64.9	41.4 63.0 0.0 41.2 63.0 0.0	64.9         38.8         63.0         0.0         64.9           64.9         38.7         63.0         0.0         64.9	41.3 63.0 0.0 64.9 41.2 63.0 0.0 64.9	37.7         63.0         0.0         64.9           37.6         63.0         0.0         64.9
001D 044.0G 001D 045.0G 001D 046.0G	44 001D 45 001D 46 001D	63.0 64.9 42.6 63.0 63.0 64.9 42.5 63.0 63.0 64.9 42.5 63.0	0.0         64.9         45.5         63.0         0.1         64.9           0.0         64.9         45.5         63.0         0.1         64.9           0.0         64.9         45.5         63.0         0.1         64.9           0.0         64.9         45.5         63.0         0.1         64.9	43.8         63.0         0.1         64.9         41.5         63.0           43.8         63.0         0.1         64.9         41.4         63.0           43.7         63.0         0.1         64.9         41.4         63.0	0.0 64.9 38.9 63.0 0.0 64.9 0.0 64.9 38.9 63.0 0.0 64.9 0.0 64.9 38.8 63.0 0.0 64.9	41.6 63.0 0.0 41.5 63.0 0.0 41.5 63.0 0.0	64.9 38.5 63.0 0.0 64.9 64.9 38.4 63.0 0.0 64.9 64.9 38.4 63.0 0.0 64.9	42.2         63.0         0.0         64.9           42.2         63.0         0.0         64.9           42.1         63.0         0.0         64.9	46.0 63.0 0.1 64.9 46.0 63.0 0.1 64.9 45.9 63.0 0.1 64.9	43.8         63.0         0.1         64.9           43.7         63.0         0.1         64.9           43.6         63.0         0.1         64.9	41.2 63.0 0.0 41.1 63.0 0.0 41.1 63.0 0.0	64.9         38.6         63.0         0.0         64.9           64.9         38.6         63.0         0.0         64.9           64.9         38.5         63.0         0.0         64.9	41.1 63.0 0.0 64.9 41.1 63.0 0.0 64.9 41.0 63.0 0.0 64.9	37.5         63.0         0.0         64.9           37.5         63.0         0.0         64.9           37.4         63.0         0.0         64.9
001D 047.0G 001D 048.0G	47 001D 48 001D	63.0 64.9 42.4 63.0 63.0 64.9 42.3 63.0	0.0 64.9 45.4 63.0 0.1 64.9 0.0 64.9 45.3 63.0 0.1 64.9 0.0 64.9 45.3 63.0 0.1 64.9	43.7         63.0         0.1         64.9         41.2         63.0           43.6         63.0         0.1         64.9         41.2         63.0           43.6         63.0         0.1         64.9         41.2         63.0	0.0         64.9         38.7         63.0         0.0         64.9           0.0         64.9         38.7         63.0         0.0         64.9           0.0         64.9         38.7         63.0         0.0         64.9           0.0         64.9         38.7         63.0         0.0         64.9	41.4 63.0 0.0 41.4 63.0 0.0	64.9 38.3 63.0 0.0 64.9 64.9 38.2 63.0 0.0 64.9 64.9 38.2 63.0 0.0 64.9	42.0 63.0 0.0 64.9 42.1 63.0 0.0 64.9	45.9 63.0 0.1 64.9 45.8 63.0 0.1 64.9	43.6         63.0         0.1         64.9           43.5         63.0         0.0         64.9           43.4         63.0         0.0         64.9	41.0 63.0 0.0 41.0 63.0 0.0	64.9 38.5 63.0 0.0 64.9 64.9 38.4 63.0 0.0 64.9	40.9 63.0 0.0 64.9 40.9 63.0 0.0 64.9	37.3         63.0         0.0         64.9           37.3         63.0         0.0         64.9           37.3         63.0         0.0         64.9
001D 050.0G 001D 050.0G 001D 051.0G	50 001D 51 001D	63.0 64.9 42.1 63.0 63.0 64.9 42.1 63.0	0.0         64.9         45.1         63.0         0.1         64.9           0.0         64.9         45.1         63.0         0.1         64.9           0.0         64.9         45.1         63.0         0.1         64.9	43.3         63.0         0.0         64.9         41.1         63.0           43.4         63.0         0.0         64.9         41.1         63.0           43.4         63.0         0.0         64.9         41.2         63.0	0.0         64.9         38.6         63.0         0.0         64.9           0.0         64.9         38.6         63.0         0.0         64.9           0.0         64.9         38.7         63.0         0.0         64.9	41.3 63.0 0.0 41.3 63.0 0.0 41.3 63.0 0.0	64.9         38.2         63.0         0.0         64.9           64.9         38.2         63.0         0.0         64.9           64.9         38.2         63.0         0.0         64.9	42.0         63.0         0.0         64.9           42.0         63.0         0.0         64.9           42.0         63.0         0.0         64.9	45.8 63.0 0.1 64.9 45.8 63.0 0.1 64.9	43.4         63.0         0.0         64.9           43.3         63.0         0.0         64.9           43.2         63.0         0.0         64.9	40.9 63.0 0.0 40.9 63.0 0.0 41.0 63.0 0.0	64.9         38.4         63.0         0.0         64.9           64.9         38.4         63.0         0.0         64.9           64.9         38.4         63.0         0.0         64.9	40.8         63.0         0.0         64.9           40.9         63.0         0.0         64.9	37.3         63.0         0.0         64.9           37.2         63.0         0.0         64.9           37.3         63.0         0.0         64.9
001D 052.0G 001D 053.0G 002A 001.0G	52 001D 53 001D 1 0024	63.0 64.9 42.1 63.0 63.0 64.9 42.0 63.0 69.7 72.5 50.8 69.8	0.0         64.9         45.0         63.0         0.1         64.9           0.0         64.9         44.9         63.0         0.1         64.9           0.1         22.6         54.4         678.8         0.1         22.6	43.3         63.0         0.0         64.9         41.4         63.0           43.2         63.0         0.0         64.9         42.0         63.0           52.4         69.8         0.1         72.6         50.5         69.8	0.0         64.9         38.8         63.0         0.0         64.9           0.0         64.9         39.4         63.0         0.0         64.9           0.1         72.6         47.7         69.7         0.0         72.5	41.5 63.0 0.0 42.1 63.0 0.0 50.5 69.8 0.1	64.9 38.4 63.0 0.0 64.9 64.9 39.0 63.0 0.0 64.9 72.6 47.5 69.7 0.0 72.5	42.2 63.0 0.0 64.9 42.7 63.0 0.0 64.9 51.6 69.8 0.1 72.6	45.9 63.0 0.1 64.9 46.5 63.0 0.1 64.9 56.4 69.9 0.2 72.7	43.1         63.0         0.0         64.9           43.1         63.0         0.0         64.9           54.5         69.8         0.1         72.6	41.2 63.0 0.0 41.9 63.0 0.0 52.5 69.8 0.1	64.9 38.6 63.0 0.0 64.9 64.9 39.2 63.0 0.0 64.9 77.6 49.5 69.7 0.0 72.5	41.1 63.0 0.0 64.9 41.8 63.0 0.0 64.9 52.4 69.8 0.1 72.6	37.6 63.0 0.0 64.9 38.3 63.0 0.0 64.9 49.3 69.7 0.0 72.5
002A 002.OG 002A 003.OG	2 002A 3 002A	70.6 73.4 51.6 70.7 70.6 73.4 51.5 70.7	0.1 73.5 55.2 70.7 0.1 73.5 0.1 73.5 55.1 70.7 0.1 73.5	53.1         70.7         0.1         73.5         51.2         70.6           53.1         70.7         0.1         73.5         51.1         70.6	0.0         73.4         48.4         70.6         0.0         73.4           0.0         73.4         48.3         70.6         0.0         73.4	51.3 70.7 0.1 51.1 70.6 0.0	73.5         48.2         70.6         0.0         73.4           73.4         48.1         70.6         0.0         73.4	52.2         70.7         0.1         73.5           52.3         70.7         0.1         73.5	57.0         70.8         0.2         73.6           57.0         70.8         0.2         73.6	55.1         70.7         0.1         73.5           55.2         70.7         0.1         73.5	53.1 70.7 0.1 53.1 70.7 0.1	73.5         50.1         70.6         0.0         73.4           73.5         50.1         70.6         0.0         73.4	53.0         70.7         0.1         73.5           53.0         70.7         0.1         73.5	49.9         70.6         0.0         73.4           49.8         70.6         0.0         73.4
002A 004.OG 002B 001.OG 002B 002.OG	4 002A 1 002B 2 002B	70.4 73.2 51.4 70.5 63.0 65.8 43.1 63.0 63.0 65.8 44.4 63.0	0.1 73.3 54.9 70.5 0.1 73.3 0.0 665.8 43.6 63.0 0.1 655.8 0.1 65.8 45.0 63.0 0.1 655.8	52.8         70.5         0.1         73.3         50.7         70.4           43.2         63.0         0.0         65.8         54.7         63.6           44.5         63.0         0.1         65.8         51.8         63.3	0.0 73.2 48.1 70.4 0.0 73.2 0.6 66.4 53.2 63.4 0.4 66.2 0.3 66.1 50.3 63.2 0.2 66.0	50.9 70.4 0.0 53.1 63.4 0.4 49.2 63.1 0.2	73.2         47.8         70.4         0.0         73.2           66.2         47.2         63.1         0.1         65.9           65.9         45.3         63.0         0.1         65.8	52.2         70.5         0.1         73.3           42.7         63.0         0.0         65.8           43.3         63.0         0.0         65.8	57.0 70.6 0.2 73.4 47.2 63.1 0.1 65.9 47.8 63.1 0.1 65.9	55.1         70.5         0.1         73.3           45.1         63.0         0.1         65.8           45.5         63.0         0.1         65.8	53.2 70.5 0.1 56.2 63.8 0.8 56.1 63.8 0.8	73.3 50.0 70.4 0.0 73.2 66.6 52.4 63.3 0.4 66.1 66.6 52.0 63.3 0.3 66.1	52.9 70.5 0.1 73.3 55.1 63.6 0.7 66.4 54.7 63.6 0.6 66.4	49.7 70.4 0.0 73.2 39.7 63.0 0.0 65.8 39.8 63.0 0.0 65.8
0028 003.OG 0028 004.OG	3 002B 4 002B	63.0 65.8 46.3 63.0 63.0 65.8 49.4 63.1	0.1 65.8 47.6 63.1 0.1 65.9 0.2 65.9 51.9 63.3 0.3 66.1	47.1 63.1 0.1 65.9 62.3 65.6 51.2 63.2 0.3 66.0 64.0 66.5	2.7         68.4         61.3         65.2         2.3         68.0           3.6         YES         69.3         63.3         66.1         3.2         YES         68.9	61.4 65.3 2.3 63.1 66.0 3.1 YES	68.1 56.8 63.9 0.9 66.7 68.8 58.2 64.2 1.3 67.0	45.2 63.0 0.1 65.8 47.2 63.1 0.1 65.9	49.6 63.1 0.2 65.9 51.6 63.3 0.3 66.1	47.3 63.1 0.1 65.9 49.9 63.2 0.2 66.0	57.2 64.0 1.0 57.5 64.0 1.1	66.8 52.2 63.3 0.4 66.1 66.8 53.0 63.4 0.4 66.2	54.9         63.6         0.6         66.4           55.3         63.6         0.7         66.4	40.2 63.0 0.0 65.8 41.0 63.0 0.0 65.8
004A 001.OG 004B 001.OG	1 003A 1 004A 1 004B	63.0 67.7 57.5 64.0 63.0 67.7 45.1 63.0	0.6         65.5         57.4         64.0         1.1         65.9           1.1         68.7         57.2         64.0         1.0         68.7           0.1         67.7         46.7         63.1         0.1         67.8	56.7         63.9         0.9         55.8         60.9         55.1           58.2         64.2         1.3         68.9         57.5         64.0           45.6         63.0         0.1         67.7         57.1         64.0	2.1         b/J         59.9         b4.7         1.7         bb.b           1.1         68.7         57.0         63.9         1.0         68.6           1.0         68.7         54.9         63.6         0.6         68.6	58.6 64.3 1.4 58.8 64.4 1.4 55.8 63.7 0.8	bb.2         52.1         b3.3         0.3         b5.2           69.1         53.9         63.5         0.5         68.2           68.4         48.4         63.1         0.1         67.8	50.3         63.2         0.2         65.1           55.3         63.6         0.7         68.3           58.3         64.2         1.3         68.9	54.7         65.6         0.6         65.5           60.3         64.8         1.9         69.5           63.7         66.4         3.4         YES         71.1	52.0 63.3 0.3 65.2 58.9 64.4 1.4 69.1 61.9 65.5 2.5 70.2	57.0 63.9 1.0 57.6 64.1 1.1 64.0 66.5 3.6 YES	68.8 58.2 64.2 1.3 68.9 71.2 60.8 65.0 2.1 69.7	55.3         65.6         0.7         65.5           59.6         64.6         1.7         69.3           62.4         65.7         2.7         70.4	47.3 63.1 0.1 65.0 54.3 63.5 0.6 68.2 56.9 63.9 1.0 68.6
004C 001.OG 004D 001.OG	1 004C 1 004D	70.3 75.0 53.7 70.4 63.0 67.7 47.0 63.1	0.1 75.1 56.8 70.5 0.2 75.2 0.1 67.8 49.9 63.2 0.2 67.9 0.2 64.6 70.2 67.9	54.9         70.4         0.1         75.1         65.1         71.4           48.1         63.1         0.1         67.8         57.0         63.9           400         61.2         0.2         61.7         63.9         61.0	1.1         76.1         64.6         71.3         1.0         76.0           1.0         68.6         56.1         63.8         0.8         68.5           1.0         67.7         57.4         64.0         1.0         67.5	65.6 71.6 1.3 57.2 64.0 1.0	76.3         59.5         70.6         0.3         75.3           68.7         52.2         63.3         0.4         68.0           67.4         52.7         63.3         0.4         68.0	62.7 71.0 0.7 75.7 48.0 63.1 0.1 67.8	67.9 72.3 2.0 77.0 53.0 63.4 0.4 68.1	66.4         71.8         1.5         76.5           51.1         63.2         0.3         67.9           61.4         62.2         0.3         67.9	68.1 72.3 2.0 50.1 63.2 0.2	77.0 67.1 72.0 1.7 76.7 67.9 47.7 63.1 0.1 67.8 67.1 63.2 63.2 63.2	68.7 72.6 2.3 77.3 49.6 63.1 0.2 67.8	62.6 71.0 0.7 75.7 44.8 63.0 0.1 67.7
005A 002.OG 005A 003.OG	2 005A 3 005A	63.0 64.5 48.7 63.1 63.0 64.5 49.7 63.2 63.0 64.5 50.7 63.2	0.2 64.6 50.3 65.2 0.2 64.7 0.2 64.7 51.0 63.2 0.3 64.8 0.3 64.7 52.1 63.3 0.3 64.8	49.9 63.2 0.2 64.7 57.5 64.0 50.4 63.2 0.2 64.7 57.5 64.0 51.5 63.3 0.3 64.8 57.9 64.1	1.0         b5.5         57.1         b4.0         1.0         b5.5           1.1         65.5         57.3         64.0         1.0         65.5           1.2         65.6         57.4         64.0         1.1         65.5	57.0 63.9 1.0 53.8 63.4 0.5 60.9 65.1 2.1	b5.4         51.7         b3.3         0.3         b4.8           64.9         48.2         63.1         0.1         64.6           66.6         55.4         63.7         0.7         65.2	45.9 63.0 0.1 64.5 47.2 63.1 0.1 64.6 50.1 63.2 0.2 64.7	49.5         63.1         0.2         64.6           51.0         63.2         0.3         64.7           52.9         63.4         0.4         64.9	47.4 b3.1 0.1 b4.6 49.0 63.1 0.2 64.6 50.9 63.2 0.3 64.7	54.7 63.6 0.6 54.0 63.5 0.5 54.1 63.5 0.5	b5.1         51.1         b3.2         0.3         b4.7           65.0         51.0         63.2         0.3         64.7           65.0         51.2         63.2         0.3         64.7	53.0         63.4         0.4         64.9           52.9         63.4         0.4         64.9           53.1         63.4         0.4         64.9	41.8         63.0         0.0         64.5           42.7         63.0         0.0         64.5           43.4         63.0         0.0         64.5
0058 001.OG 0058 002.OG	1 005B 2 005B	63.0 64.5 52.6 63.3 63.0 64.5 52.7 63.3 63.0 64.5 52.1 63.3	0.4         64.8         56.4         63.8         0.9         65.3           0.4         64.8         56.5         63.8         0.9         65.3           0.4         64.8         56.5         63.8         0.9         65.3           0.2         64.9         56.9         63.7         0.9         65.3	54.3         63.5         0.6         65.0         53.6         63.4           55.1         63.6         0.7         65.1         53.7         63.4           54.5         62.5         0.6         66.0         52.9         62.5	0.5 64.9 51.5 63.3 0.3 64.8 0.5 64.9 51.6 63.3 0.3 64.8 0.5 65.0 52.1 62.2 0.3 64.8	53.6 63.4 0.5 53.7 63.4 0.5 55.5 62.7 0.7	64.9 50.2 63.2 0.2 64.7 64.9 50.3 63.2 0.2 64.7 65.2 51.4 62.2 0.3 64.7	40.1 63.0 0.0 64.5 41.2 63.0 0.0 64.5 41.7 62.0 0.0 64.5	45.9 63.0 0.1 64.5 46.5 63.0 0.1 64.5 46.8 62.1 0.1 64.6	43.0         63.0         0.0         64.5           43.7         63.0         0.1         64.5           42.9         62.0         0.1         64.5	42.6 63.0 0.0 42.9 63.0 0.0	64.5 39.8 63.0 0.0 64.5 64.5 40.0 63.0 0.0 64.5 64.5 40.0 63.0 0.0 64.5	41.8         63.0         0.0         64.5           41.9         63.0         0.0         64.5           42.1         62.0         0.0         64.5	37.6 63.0 0.0 64.5 37.8 63.0 0.0 64.5 39.0 63.0 0.0 64.5
006A 001.OG 006A 002.OG	1 006A 2 006A	63.0 64.5 47.5 63.1 63.0 64.5 48.6 63.1	0.1 64.6 49.4 63.1 0.2 64.6 0.2 64.6 50.4 63.2 0.2 64.7	48.4         63.1         0.1         64.6         54.4         63.5           49.4         63.1         0.2         64.6         56.1         63.8	0.6         65.0         54.4         63.5         0.6         65.0           0.8         65.3         56.1         63.8         0.8         65.3	53.2 63.4 0.4 56.7 63.9 0.9	64.9 48.0 63.1 0.1 64.6 65.4 49.5 63.1 0.2 64.6	44.8         63.0         0.1         64.5           46.1         63.0         0.1         64.5	49.6 63.1 0.2 64.6 50.7 63.2 0.3 64.7	47.6 63.1 0.1 64.6 48.6 63.1 0.2 64.6	54.0 63.5 0.5 54.0 63.5 0.5	65.0         51.0         63.2         0.3         64.7           65.0         50.8         63.2         0.3         64.7	53.3         63.4         0.4         64.9           53.0         63.4         0.4         64.9	41.7 63.0 0.0 64.5 42.5 63.0 0.0 64.5
006A 003.OG 006B 001.OG 006B 002.OG	3 006A 1 006B 2 006B	63.0 64.5 49.7 63.2 63.0 64.5 53.0 63.4 63.0 64.5 53.1 63.4	0.2 64.7 51.6 63.3 0.3 64.8 0.4 64.9 56.8 63.9 0.9 65.4 0.4 64.9 56.8 63.9 0.9 65.4	50.6         63.2         0.2         64.7         55.7         63.7           54.7         63.6         0.6         65.1         54.7         63.6           55.9         63.7         0.8         65.2         54.7         63.6	0.7         65.2         55.5         63.7         0.7         65.2           0.6         65.1         52.8         63.4         0.4         64.9           0.6         65.1         52.8         63.4         0.4         64.9	57.2 64.0 1.0 54.6 63.5 0.6 54.7 63.6 0.6	65.5         51.3         63.2         0.3         64.7           65.0         51.1         63.2         0.3         64.7           65.1         51.2         63.2         0.3         64.7	46.8 63.1 0.1 64.6 43.4 63.0 0.0 64.5 43.7 63.0 0.1 64.5	51.4 63.2 0.3 64.7 48.6 63.1 0.2 64.6 48.7 63.1 0.2 64.6	49.3         63.1         0.2         64.6           44.7         63.0         0.1         64.5           45.3         63.0         0.1         64.5	54.6 63.5 0.6 44.9 63.0 0.1 45.0 63.0 0.1	65.0 51.0 63.2 0.3 64.7 64.5 42.0 63.0 0.0 64.5 64.5 41.7 63.0 0.0 64.5	53.2         63.4         0.4         64.9           44.3         63.0         0.1         64.5           44.0         63.0         0.1         64.5	43.2 63.0 0.0 64.5 40.5 63.0 0.0 64.5 40.1 63.0 0.0 64.5
0068 003.OG 007A 001.OG	3 006B 1 007A	63.0 64.5 52.6 63.3 63.0 64.5 50.5 63.2	0.4 64.8 56.3 63.8 0.9 65.3 0.2 64.7 52.9 63.4 0.4 64.9	55.4         63.7         0.7         65.2         54.5         63.5           51.5         63.3         0.3         64.8         54.2         63.5	0.6 65.0 52.6 63.3 0.4 64.8 0.5 65.0 53.8 63.4 0.5 64.9	54.4 63.5 0.6 55.9 63.7 0.8	65.0         50.8         63.2         0.3         64.7           65.2         48.8         63.1         0.2         64.6	44.2         63.0         0.1         64.5           49.3         63.1         0.2         64.6	49.1         63.1         0.2         64.6           52.5         63.3         0.4         64.8	45.5 63.0 0.1 64.5 50.4 63.2 0.2 64.7	46.6 63.0 0.1 55.8 63.7 0.8	64.5         42.1         63.0         0.0         64.5           65.2         54.3         63.5         0.6         65.0	44.3         63.0         0.1         64.5           55.9         63.7         0.8         65.2	40.5 63.0 0.0 64.5 45.5 63.0 0.1 64.5
007A 002.0G 007A 003.0G 007A 004.0G	2 007A 3 007A 4 007A	63.0 64.5 53.2 63.4 63.0 64.5 54.4 63.5 63.0 64.5 54.9 63.6	0.4 64.9 55.7 65.7 0.7 65.2 0.6 65.0 56.3 63.8 0.9 65.3 0.6 65.1 55.9 63.9 1.0 65.4	53.3         63.4         0.4         64.9         58.5         64.3           54.3         63.5         0.6         65.0         59.2         64.5           55.2         63.6         0.7         65.1         60.9         65.1	1.3         b5.8         58.4         b4.3         1.3         b5.8           1.5         66.0         59.2         64.5         1.5         66.0           2.1         66.6         60.7         65.0         2.0         66.5	58.0 64.2 1.2 57.5 64.0 1.1 59.0 64.4 1.5	b5.7         51.9         b3.3         0.3         b4.8           65.5         51.5         63.3         0.3         64.8           65.9         53.1         63.4         0.4         64.9	50.8         63.2         0.3         64.7           52.0         63.3         0.3         64.8           53.1         63.4         0.4         64.9	53.8         63.4         0.5         64.9           55.1         63.6         0.7         65.1           56.6         63.9         0.9         65.4	51.8         63.3         0.3         64.8           53.3         63.4         0.4         64.9           54.7         63.6         0.6         65.1	55.9 63.7 0.8 56.2 63.8 0.8 56.6 63.9 0.9	b5.2         54.9         b3.6         0.6         b5.1           65.3         55.2         63.6         0.7         65.1           65.4         55.6         63.7         0.7         65.2	56.3         65.8         0.9         65.3           56.7         63.9         0.9         65.4           57.2         64.0         1.0         65.5	46.5 63.0 0.1 64.5 47.8 63.1 0.1 64.6 49.0 63.1 0.2 64.6
0078 001.OG 0078 002.OG	1 007B 2 007B	63.0 64.5 53.3 63.4 63.0 64.5 53.3 63.4 63.0 64.5 53.3 63.4	0.4 64.9 57.2 64.0 1.0 65.5 0.4 64.9 57.1 64.0 1.0 65.5 0.4 64.9 57.1 64.0 1.0 65.5	55.6         63.7         0.7         65.2         55.6         63.7           55.6         63.7         0.7         65.2         55.6         63.7           55.6         63.7         0.7         65.2         55.6         63.7           55.6         63.7         0.7         65.2         55.6         63.7	0.7 65.2 54.0 63.5 0.5 65.0 0.7 65.2 54.0 63.5 0.5 65.0 0.7 65.2 54.0 63.5 0.5 65.0	55.5 63.7 0.7 55.5 63.7 0.7	65.2         52.0         63.3         0.3         64.8           65.2         52.0         63.3         0.3         64.8           65.1         52.0         63.3         0.3         64.8	42.5         63.0         0.0         64.5           43.3         63.0         0.0         64.5           43.8         63.0         0.0         64.5	48.1 63.1 0.1 64.6 48.5 63.1 0.2 64.6	45.1 63.0 0.1 64.5 45.5 63.0 0.1 64.5	44.6 63.0 0.1 44.9 63.0 0.1	64.5 42.0 63.0 0.0 64.5 64.5 42.1 63.0 0.0 64.5	44.1         63.0         0.1         64.5           44.2         63.0         0.1         64.5           40.6         63.1         0.2         64.6	39.7         63.0         0.0         64.5           39.9         63.0         0.0         64.5           40.2         63.0         0.0         64.5
0078 003.0G 0078 004.0G 007D 001.0G	4 007B 1 007D	63.0 64.5 52.2 63.3 63.0 64.5 52.2 63.3 63.0 64.5 44.1 63.0	0.4 64.8 56.6 65.9 0.9 65.4 0.4 64.8 56.6 63.9 0.9 65.4 0.1 64.5 46.8 65.1 0.1 64.6	55.2         63.6         0.7         65.1         55.3         63.6           55.2         63.6         0.7         65.1         56.1         63.8           45.1         63.0         0.1         64.5         49.1         63.1	0.7 b5.1 53.8 b3.4 0.5 b4.9 0.8 65.3 54.8 63.6 0.6 65.1 0.2 64.6 48.6 63.1 0.2 64.6	55.2 63.6 0.7 56.3 63.8 0.9 46.6 63.0 0.1	b5.1         51.6         b3.3         0.3         b4.8           65.3         52.1         63.3         0.3         64.8           64.5         42.1         63.0         0.0         64.5	43.8         63.0         0.1         64.5           44.8         63.0         0.1         64.5           45.5         63.0         0.1         64.5	49.0 63.1 0.2 64.6 49.6 63.1 0.2 64.6 49.3 63.1 0.2 64.6	45.8 63.0 0.1 64.6 47.1 63.1 0.1 64.6 47.3 63.1 0.1 64.6	52.6 63.3 0.4 53.1 63.4 0.4 45.7 63.0 0.1	64.8         48.4         63.1         0.1         64.6           64.9         48.6         63.1         0.2         64.6           64.5         45.8         63.0         0.1         64.5	49.6         63.1         0.2         64.6           49.8         63.2         0.2         64.7           47.0         63.1         0.1         64.6	40.3 63.0 0.0 64.5 40.6 63.0 0.0 64.5 41.8 63.0 0.0 64.5
007D 002.OG 007D 003.OG 007D 004.OG	2 007D 3 007D 4 007D	63.0 64.5 45.1 63.0 63.0 64.5 46.3 63.0 63.0 64.5 47.9 63.1	0.1         64.5         47.8         63.1         0.1         64.6           0.1         64.5         49.1         63.1         0.2         64.6           0.1         64.6         50.7         63.2         0.3         64.6	46.2         63.0         0.1         64.5         54.4         63.5           47.5         63.1         0.1         64.6         53.5         63.4           49.3         63.1         0.2         66.6         55.4         63.7	0.6         65.0         54.2         63.5         0.5         65.0           0.5         64.9         53.2         63.4         0.4         64.9           0.7         65.2         54.7         63.6         0.6         65.1	55.3 63.6 0.7 54.8 63.6 0.6 56.6 63.9 0.9	65.1         49.5         63.1         0.2         64.6           65.1         49.2         63.1         0.2         64.6           65.4         51.1         63.2         0.3         64.7	46.4 63.0 0.1 64.5 47.1 63.1 0.1 64.6 47.8 63.1 0.1 64.6	50.1 63.2 0.2 64.7 50.9 63.2 0.3 64.7 51.7 63.3 0.3 64.8	48.2 63.1 0.1 64.6 48.9 63.1 0.2 64.6 49.6 63.1 0.2 64.6	46.2 63.0 0.1 46.7 63.1 0.1 47.4 63.1 0.1	64.5 46.1 63.0 0.1 64.5 64.6 46.4 63.0 0.1 64.5 64.6 46.8 63.1 0.1 64.5	47.5 63.1 0.1 64.6 47.9 63.1 0.1 64.6 48.4 63.1 0.1 64.6	42.5 63.0 0.0 64.5 42.9 63.0 0.0 64.5 43.6 63.0 0.1 64.5
008A 001.0G 008A 002.0G	1 008A 2 008A	63.0 64.5 49.3 63.1 63.0 64.5 50.2 63.2	0.1         0.1         0.1         0.1         0.1         0.1           0.2         64.6         51.4         63.2         0.3         64.7           0.2         64.7         52.3         63.3         0.4         64.8	50.0         63.2         0.2         64.7         55.9         63.7           50.8         63.2         0.3         64.7         55.8         63.7	0.8         65.2         53.8         63.4         0.5         64.9           0.8         65.2         53.8         63.4         0.5         64.9           0.8         65.2         53.8         63.4         0.5         64.9	57.8 64.1 1.2 54.4 63.5 0.6	65.6         51.5         63.3         0.3         64.8           65.0         47.8         63.1         0.1         64.6	45.4 63.0 0.1 64.5 47.3 63.1 0.1 64.6	51.0         63.2         0.3         64.7           52.6         63.3         0.4         64.8	49.1 63.1 0.2 64.6 50.8 63.2 0.3 64.7	56.7 63.9 0.9 56.9 63.9 1.0	65.4 52.8 63.4 0.4 64.9 65.4 53.0 63.4 0.4 64.9	40.4         65.1         64.3           55.0         63.6         0.6         65.1           55.2         63.6         0.7         65.1	43.2 63.0 0.0 64.5 44.7 63.0 0.1 64.5
008A 003.OG 008A 004.OG 008B 001.OG	3 008A 4 008A 1 008B	63.0 64.5 51.3 63.2 63.0 64.5 51.4 63.2 63.0 64.5 53.3 63.4	0.3 64.7 53.7 63.4 0.5 64.9 0.3 64.7 54.0 63.5 0.5 65.0 0.4 64.9 57.2 64.0 1.0 65.5	52.1         63.3         0.3         64.8         55.3         63.6           52.3         63.3         0.4         64.8         60.8         65.0           55.0         63.6         0.6         65.1         55.6         63.7	0.7 65.1 53.0 63.4 0.4 64.9 2.1 66.5 60.7 65.0 2.0 66.5 0.7 65.2 53.9 63.5 0.5 65.0	53.9 63.5 0.5 61.3 65.2 2.3 55.5 63.7 0.7	65.0         46.4         63.0         0.1         64.5           66.7         56.4         63.8         0.9         65.3           65.2         51.8         63.3         0.3         64.8	53.4         63.4         0.5         64.9           56.7         63.9         0.9         65.4           43.0         63.0         0.0         64.5	55.5 63.7 0.7 65.2 59.3 64.5 1.6 66.0 49.2 63.1 0.2 64.6	53.3         63.4         0.4         64.9           57.3         64.0         1.0         65.5           46.4         63.0         0.1         64.5	57.4 64.0 1.1 58.5 64.3 1.3 45.7 63.0 0.1	65.5         53.8         63.4         0.5         64.9           65.8         56.5         63.8         0.9         65.3           64.5         43.4         63.0         0.0         64.5	55.8         63.7         0.8         65.2           57.9         64.1         1.2         65.6           45.1         63.0         0.1         64.5	46.4         63.0         0.1         64.5           48.0         63.1         0.1         64.6           40.1         63.0         0.0         64.5
0088 002.OG 0088 003.OG	2 008B 3 008B	63.0 64.5 53.1 63.4 63.0 64.5 52.5 63.3	0.4 64.9 57.0 63.9 1.0 65.4 0.4 64.8 56.7 63.9 0.9 65.4	56.3         63.8         0.9         65.3         55.5         63.7           55.8         63.7         0.8         65.2         55.2         63.6	0.7 65.2 53.9 63.5 0.5 65.0 0.7 65.1 53.7 63.4 0.5 64.9	55.4 63.7 0.7 55.0 63.6 0.6	65.2 51.6 63.3 0.3 64.8 65.1 51.2 63.2 0.3 64.7	43.7 63.0 0.1 64.5 44.1 63.0 0.1 64.5	49.6 63.1 0.2 64.6 49.9 63.2 0.2 64.7	46.9 63.1 0.1 64.6 47.0 63.1 0.1 64.6	53.0 63.4 0.4 55.2 63.6 0.7	64.9 43.4 63.0 0.0 64.5 65.1 51.4 63.2 0.3 64.7	46.6 63.0 0.1 64.5 53.9 63.5 0.5 65.0	40.1 63.0 0.0 64.5 40.5 63.0 0.0 64.5
009A 001.OG 009A 002.OG	4 0088 1 009A 2 009A	63.0 64.5 51.8 63.3 63.0 64.5 49.0 63.1 63.0 64.5 49.7 63.2	0.3 64.8 56.4 65.8 0.9 65.3 0.2 64.6 50.6 63.2 0.2 64.7 0.2 64.7 51.3 63.2 0.3 64.7	55.5         63.7         0.7         65.2         56.7         63.9           49.8         63.2         0.2         64.7         49.9         63.2           50.4         63.2         0.2         64.7         52.5         63.3	0.9 b5.4 54.8 b5.6 0.6 b5.1 0.2 64.7 50.2 63.2 0.2 64.7 0.4 64.8 52.0 63.3 0.3 64.8	56.3 63.8 0.9 53.0 63.4 0.4 53.8 63.4 0.5	b5.3         51.7         b3.3         0.3         b4.8           64.9         48.2         63.1         0.1         64.6           64.9         49.4         63.1         0.2         64.6	46.2         63.0         0.1         64.5           49.4         63.1         0.2         64.6           50.5         63.2         0.2         64.7	51.3         65.2         0.3         64.7           55.1         63.6         0.7         65.1           56.1         63.8         0.8         65.3	48.6         b3.1         0.2         b4.6           52.8         63.4         0.4         64.9           53.9         63.5         0.5         65.0	55.8 63.7 0.8 58.2 64.2 1.3 58.2 64.2 1.3	b5.2         51.6         b3.3         0.3         b4.8           65.7         54.0         63.5         0.5         65.0           65.7         54.2         63.5         0.5         65.0	54.0         65.5         0.5         65.0           56.3         63.8         0.9         65.3           56.4         63.8         0.9         65.3	41.4 63.0 0.0 64.5 46.3 63.0 0.1 64.5 47.0 63.1 0.1 64.6
009A 003.OG 009B 001.OG	3 009A 1 009B	63.0 64.5 50.4 63.2 63.0 64.5 52.5 63.3 63.0 64.5 52.9 63.4	0.2 64.7 52.2 63.3 0.4 64.8 0.4 64.8 56.1 63.8 0.8 65.3 0.4 64.9 56.4 62.9 0.9 65.3	51.1         63.2         0.3         64.7         60.0         64.7           54.1         63.5         0.5         65.0         55.6         63.7           55.2         62.6         0.7         66.1         55.6         63.7	1.8         66.2         59.5         64.6         1.6         66.1           0.7         65.2         53.2         63.4         0.4         64.9           0.7         65.2         53.4         62.4         0.5         64.9	61.5 65.3 2.3 54.8 63.6 0.6 55.1 62.6 0.7	66.8         55.9         63.7         0.8         65.2           65.1         51.0         63.2         0.3         64.7           65.1         51.0         62.2         0.3         64.7	52.8 63.4 0.4 64.9 48.1 63.1 0.1 64.6 48.8 62.1 0.2 64.6	57.9 64.1 1.2 65.6 54.3 63.5 0.6 65.0 54.9 62.6 0.6	55.7 63.7 0.7 65.2 52.2 63.3 0.4 64.8 52.8 62.4 0.4 64.9	58.6 64.3 1.4 50.3 63.2 0.2 50.8 63.2 0.2	65.8 54.9 63.6 0.6 65.1 64.7 49.9 63.2 0.2 64.7 64.7 64.7 65.2 0.2 64.7	57.1         64.0         1.0         65.5           51.2         63.2         0.3         64.7           51.1         63.2         0.2         64.7	48.4 63.1 0.1 64.6 45.4 63.0 0.1 64.5 45.6 63.0 0.1 64.5
0098 003.0G 010A 001.0G	3 009B 1 010A	63.0 64.5 52.4 63.3 63.0 64.5 46.7 63.1	0.4 64.8 55.2 63.8 0.8 65.3 0.1 64.6 48.9 63.1 0.2 64.6	54.9         63.6         0.6         65.1         55.5         63.7           47.6         63.1         0.1         64.6         60.1         64.8	0.7         65.2         53.7         63.4         0.5         64.9           1.8         66.3         58.8         64.4         1.4         65.9	55.1 63.6 0.7 59.0 64.4 1.5	65.1         50.8         63.2         0.3         64.7           65.9         53.2         63.4         0.4         64.9	49.3         63.1         0.2         64.6           56.9         63.9         1.0         65.4	55.2 63.6 0.7 65.1 60.5 64.9 2.0 66.4	53.1         63.4         0.4         64.9           59.0         64.4         1.5         65.9	51.4 63.2 0.3 61.1 65.1 2.2	64.7 50.0 63.2 0.2 64.7 66.6 60.4 64.9 1.9 66.4	51.4         63.2         0.3         64.7           51.4         63.2         0.3         64.7           62.0         65.5         2.6         67.0	45.8 63.0 0.1 64.5 55.3 63.6 0.7 65.1
010A 002.OG 010A 003.OG 010A 004.OG	2 010A 3 010A 4 010A	63.0 64.5 48.6 63.1 63.0 64.5 49.7 63.2 63.0 64.5 50.2 63.2	0.2 64.6 50.5 63.2 0.2 64.7 0.2 64.7 51.8 63.3 0.3 64.8 0.2 64.7 52.3 63.3 0.4 64.8	49.3         63.1         0.2         64.6         58.8         64.4           50.6         63.2         0.2         64.7         58.8         64.4           51.1         63.2         0.3         64.7         60.8         65.0	1.4         65.9         57.3         64.0         1.0         65.5           1.4         65.9         56.8         63.9         0.9         65.4           2.1         66.5         59.8         64.7         1.7         66.2	56.8 63.9 0.9 56.0 63.7 0.8 61.5 65.3 2.3	65.4         50.7         63.2         0.3         64.7           65.2         49.9         63.2         0.2         64.7           66.8         55.8         63.7         0.8         65.2	58.5         64.3         1.3         65.8           61.1         65.1         2.2         66.6           63.8         66.4         3.5         YES         67.9	62.3         65.6         2.7         67.1           64.6         66.9         3.9         YES         68.4           67.4         68.7         5.8         YES         70.2	61.0 65.1 2.1 66.6 63.4 66.2 3.2 YES 67.7 66.1 67.8 4.9 YES 69.3	61.6 65.3 2.4 63.0 66.0 3.0 YES 64.9 67.0 4.1 YES	66.8 61.1 65.1 2.2 66.6 67.5 62.5 65.7 2.8 67.2 68.5 63.7 66.4 3.4 YES 67.9	62.6         65.8         2.8         67.3           63.8         66.4         3.5         YES         67.9           65.3         67.3         4.3         YES         68.8	55.8 63.7 0.8 65.2 56.8 63.9 0.9 65.4 59.6 64.6 1.7 66.1
0108 001.OG 0108 002.OG	1 010B 2 010B	63.0 64.5 53.5 63.4 63.0 64.5 53.6 63.4	0.5         64.9         57.3         64.0         1.0         65.5           0.5         64.9         57.2         64.0         1.0         65.5	56.2         63.8         0.8         65.3         61.5         65.3           56.2         63.8         0.8         65.3         62.0         65.5	2.3         66.8         60.1         64.8         1.8         66.3           2.6         67.0         60.8         65.0         2.1         66.5	61.3 65.2 2.3 60.7 65.0 2.0	66.7         54.7         63.6         0.6         65.1           66.5         54.6         63.5         0.6         65.0           54.6         63.5         0.6         65.0	46.5 63.0 0.1 64.5 50.9 63.2 0.3 64.7	55.8         63.7         0.8         65.2           57.2         64.0         1.0         65.5	54.8         63.6         0.6         65.1           55.5         63.7         0.7         65.2	50.9 63.2 0.3 51.2 63.2 0.3	64.7 47.5 63.1 0.1 64.6 64.7 47.7 63.1 0.1 64.6	49.2         63.1         0.2         64.6           49.4         63.1         0.2         64.6           50.2         63.2         64.6	43.7         63.0         0.1         64.5           43.8         63.0         0.1         64.5           43.8         63.0         0.1         64.5
0108 004.0G 010C 001.0G	4 010B 1 010C	63.0 64.5 52.6 63.3 63.0 64.5 46.6 63.0	0.4         64.8         58.0         64.2         1.2         65.7           0.1         64.5         47.4         63.1         0.1         64.6	57.3         64.0         1.0         65.5         62.4         65.7           46.9         63.1         0.1         64.6         58.8         64.4	2.7         67.2         61.4         65.3         2.3         66.8           1.4         65.9         59.0         64.4         1.5         65.9	60.9 65.1 2.1 57.0 63.9 1.0	66.6         54.4         63.5         0.6         65.0           65.4         44.1         63.0         0.1         64.5	53.1         63.4         0.4         64.9           48.7         63.1         0.2         64.6	60.4         64.9         1.9         66.4           56.2         63.8         0.8         65.3	59.2         64.5         1.5         66.0           53.6         63.4         0.5         64.9	52.8         63.4         0.4           59.1         64.4         1.5	64.6         64.6         64.6         64.6         65.9         56.1         63.8         0.8         65.3	50.7         63.2         0.3         64.7           50.7         63.2         0.3         64.7           57.8         64.1         1.2         65.6	44.8         63.0         0.1         64.5           45.7         63.0         0.1         64.5
010C 002.OG 010C 003.OG 010C 004.OG	2 010C 3 010C 4 010C	63.0 64.5 47.2 63.1 63.0 64.5 47.6 63.1 63.0 64.5 48.6 63.1	0.1 64.6 47.9 63.1 0.1 64.6 0.1 64.6 48.4 63.1 0.1 64.6 0.2 64.6 48.4 63.1 0.1 64.6	47.5         63.1         0.1         64.6         58.4         64.3           47.9         63.1         0.1         64.6         59.6         64.6           49.1         63.1         0.2         66.6         59.6         64.6	1.3         65.8         58.6         64.3         1.4         65.8           1.7         66.1         59.2         64.5         1.5         66.0           2.9         67.3         62.1         65.6         2.6         67.1	56.5 63.8 0.9 59.0 64.4 1.5 64.7 66.9 4.0 YES	65.3 44.4 63.0 0.1 64.5 65.9 54.6 63.5 0.6 65.0 68.4 58.8 64.4 1.4 65.9	49.5 63.1 0.2 64.6 52.4 63.3 0.4 64.8 56.3 63.8 0.9 65.3	56.5         63.8         0.9         65.3           58.0         64.2         1.2         65.7           61.2         65.2         2.2         66.7	54.0         63.5         0.5         65.0           55.7         63.7         0.7         65.2           59.0         64.4         1.5         65.9	59.4 64.5 1.6 59.7 64.6 1.7 60.2 64.8 1.8	66.0 56.4 63.8 0.9 65.3 66.1 57.3 64.0 1.0 65.5 66.3 58.1 64.2 1.2 65.7	58.0         64.2         1.2         65.7           58.7         64.3         1.4         65.8           59.5         64.6         1.6         66.1	46.0 63.0 0.1 64.5 47.4 63.1 0.1 64.6 50.1 63.2 0.2 64.7
010D 001.0G 010D 002.0G	1 010B 2 010B	63.0 64.5 47.9 63.1 63.0 64.5 48.8 63.1	0.1 64.6 50.7 63.2 0.3 64.7 0.2 64.6 51.4 63.2 0.3 64.7	49.5         63.1         0.2         64.6         53.3         63.4           50.2         63.2         0.2         64.7         50.7         63.2	0.4 64.9 50.7 63.2 0.3 64.7 0.3 64.7 49.2 63.1 0.2 64.6 0.2 64.6 7	52.4 63.3 0.4 50.7 63.2 0.3	64.8         46.7         63.1         0.1         64.6           64.7         46.2         63.0         0.1         64.5	48.2         63.1         0.1         64.6           49.1         63.1         0.2         64.6	54.1         63.5         0.5         65.0           54.8         63.6         0.6         65.1	51.7 63.3 0.3 64.8 52.3 63.3 0.4 64.8	50.1         63.2         0.2           50.5         63.2         0.2	64.7 48.5 63.1 0.2 64.6 64.7 48.9 63.1 0.2 64.6 64.7 64.9 63.1 0.2 64.6	50.1         63.2         0.2         64.7           50.5         63.2         0.2         64.7	45.1 63.0 0.1 64.5 45.6 63.0 0.1 64.5
010D 003.0G 010D 004.0G 011A 001.0G	5 010B 4 010B 1 011A	63.0 64.5 49.3 63.1 63.0 64.5 49.5 63.1 63.0 64.5 47.9 63.1	w.         w.         b         b         b         b         64.6         64.6         52.5         63.3         0.4         64.8         64.8         64.8         64.8         64.6         49.0         63.1         0.2         64.6         64.8	www         www         www         www         64.7         52.1         63.3         51.0         63.2         0.3         64.7         61.3         65.2         64.7         61.3         65.2         64.6         66.3         68.0         68.0         64.7         61.3         65.2         64.7         61.3         65.2         64.7         61.3         65.2         64.6         66.3         68.0         68.0         66.3         68.0         66.3         66.3         68.0         66.3	v         v+         51.8         0.3         64.8           2.3         66.7         60.5         64.9         2.0         66.4           5.0         YES         69.5         65.8         67.6         4.7         YES         69.1	62.0 65.5 2.6 67.4 68.7 5.8 YES	47.0         b5.1         0.1         64.6           67.0         56.2         63.8         0.8         65.3           70.2         61.5         65.3         2.3         66.8	50.5         63.2         0.2         64.7           52.3         63.3         0.4         64.8           59.5         64.6         1.6         66.1	57.3         64.0         1.0         65.5           64.6         66.9         3.9         YES         68.4	55.0         63.6         0.6         64.9           63.2         66.1         3.1         YES         67.6	52.6 63.3 0.4 64.3 66.7 3.7 YES	Galary         Solution         BS.2         U.2         64.7           64.8         51.3         63.2         0.3         64.7           68.2         63.5         66.2         3.3         YES         67.7	52.3         03.3         U.3         64.8           52.7         63.3         0.4         64.8           64.9         67.0         4.1         YES         68.5	47.6 63.1 0.1 64.5 57.9 64.1 1.2 65.6
011A 002.OG 011A 003.OG 011B 001 OG	2 011A 3 011A 1 011°	63.0 64.5 48.7 63.1 63.0 64.5 49.6 63.1 63.0 64.5 5 63.1	0.2         64.6         49.9         63.2         0.2         64.7           0.2         64.6         50.9         63.2         0.3         64.7           0.4         64.9         56.9         63.2         1.0         64.7	49.1         63.1         0.2         64.6         66.3         68.0           49.9         63.2         0.2         64.7         66.9         68.4           54.8         63.6         0.6         67.1         67.2         64.4	5.0         TES         69.5         65.8         67.6         4.7         YES         69.1           5.4         TES         69.9         66.8         68.3         5.3         YES         69.8           1.1         65.5         Y6.7         64.7         0.0         67.6         4.7	67.4 68.7 5.8 YES 67.0 68.4 5.5 YES 62.0 65.5 2.6	70.2         61.5         65.3         2.3         66.8           69.9         60.9         65.1         2.1         66.6           67.0         56.5         63.8         0.9         67.3	61.3 65.2 2.3 66.7 67.2 68.6 5.6 YES 70.1 56.2 63.8 0.8	66.0         67.7         4.8         YES         69.2           70.5         71.2         8.3         YES         72.7           63.6         66.3         3.3         yes         67.6	64.9 67.0 4.1 YES 68.5 68.4 69.5 6.5 YES 71.0 60.7 65.0 2.0	64.5 66.8 3.9 YES 66.0 67.7 4.8 YES 62.1 65.6 2.6	68.3         64.1         66.6         3.6         YES         68.1           69.2         66.0         67.7         4.8         YES         69.2           67.1         60.8         65.0         2.1         46.7	65.3         67.3         4.3         YES         68.8           66.9         68.4         5.4         YES         69.9           62.0         65.5         2.6         67.0	58.2         64.2         1.3         65.7           58.9         64.4         1.4         65.9           55.7         63.7         0.7         67.7
011B 002.0G 011B 003.0G	2 011B 3 011B	63.0 64.5 53.7 63.4 63.0 64.5 53.4 63.4	0.5 64.9 57.3 64.0 1.0 65.5 0.5 64.9 57.9 64.1 1.2 65.6	57.7         64.1         1.1         65.6         61.3         65.2           57.5         64.0         1.1         65.5         61.4         65.3	2.3         66.7         60.9         65.1         2.1         66.6           2.3         66.8         61.1         65.1         2.2         66.6	63.2 66.1 3.1 YES 63.2 66.1 3.1 YES	67.6         58.5         64.3         1.3         65.8           67.6         58.6         64.3         1.4         65.8	57.8         64.1         1.2         65.6           60.8         65.0         2.1         66.5	64.9 67.0 4.1 YES 68.5 67.8 69.0 6.1 YES 70.5	62.1         65.6         2.6         67.1           64.9         67.0         4.1         YES         68.5	63.1         66.0         3.1         YES           66.2         67.9         4.9         YES	67.5         61.7         65.4         2.4         66.9           69.4         65.3         67.3         4.3         YES         68.8	62.9         65.9         3.0         67.4           66.4         68.0         5.1         YES         69.5	56.7         63.9         0.9         65.4           59.9         64.7         1.7         66.2
012A 001.OG 012A 002.OG 012A 003.OG	1 012A 2 012A 3 012A	65.2 69.9 49.4 65.3 65.9 70.6 50.6 66.0 65.7 70.4 51.0 65.8	0.1 70.0 52.2 65.4 0.2 70.1 0.1 70.7 53.5 66.1 0.2 70.8 0.1 70.5 53.6 66.0 0.3 70.7	50.6         65.3         0.1         70.0         53.3         65.5           51.9         66.1         0.2         70.8         65.1         68.5           52.2         65.9         0.2         70.6         67.4         69.6	0.3 70.2 51.3 65.4 0.2 70.1 2.6 73.2 64.6 68.3 2.4 73.0 3.9 YE5 74.3 67.1 69.5 3.8 YE5 74.2	52.3 65.4 0.2 68.0 70.1 4.2 YES 68.3 70.2 4.5 YES	70.1         48.8         65.3         0.1         70.0           74.8         61.8         67.3         1.4         72.0           74.9         61.9         67.2         1.5         71.9	63.9         67.6         2.4         72.3           71.0         72.2         6.3         YES         76.9           72.4         73.2         7.5         YES         77.9	68.7 70.3 5.1 YES 75.0 74.4 75.0 9.1 YES 79.7 76.2 76.6 10.9 YES 81.3	66.5 68.9 3.7 YES 73.6 72.5 73.4 7.5 YES 78.1 74.4 74.9 9.2 YES 79.6	69.2 70.7 5.5 YES 73.4 74.1 8.2 YES 73.3 74.0 8.3 YES	75.4 67.5 69.5 4.3 YES 74.2 78.8 72.5 73.4 7.5 YES 78.1 78.7 72.7 73.5 7.8 YES 78.2	69.1         70.6         5.4         YES         75.3           74.0         74.6         8.7         YES         79.3           74.2         74.8         9.1         YES         79.5	63.3         67.4         2.2         72.1           68.5         70.4         4.5         YES         75.1           68.8         70.5         4.8         YES         75.2
0128 001.OG 0128 002.OG	1 012B 2 012B	66.8 71.5 55.0 67.1 67.2 71.9 55.7 67.5	0.3         71.8         57.7         67.3         0.5         72.0           0.3         72.2         58.6         67.8         0.6         72.5	55.6         67.1         0.3         71.8         57.9         67.3           58.3         67.7         0.5         72.4         58.0         67.7	0.5         72.0         57.2         67.3         0.5         72.0           0.5         72.4         57.3         67.6         0.4         72.3	58.8 67.4 0.6 58.1 67.7 0.5	72.1         54.6         67.1         0.3         71.8           72.4         53.9         67.4         0.2         72.1	51.3 66.9 0.1 71.6 57.5 67.6 0.4 72.3	57.2         67.3         0.5         72.0           62.8         68.5         1.3         73.2	54.8         67.1         0.3         71.8           60.0         68.0         0.8         72.7	53.8 67.0 0.2 57.5 67.6 0.4	71.7         51.5         66.9         0.1         71.6           72.3         56.7         67.6         0.4         72.3	53.4         67.0         0.2         71.7           57.8         67.7         0.5         72.4	48.5 66.9 0.1 71.6 51.0 67.3 0.1 72.0
012C 001.0G 012C 002.0G	5 012B 1 012C 2 012C	00.7         /1.4         56.3         67.1           70.8         75.5         54.1         70.9           70.4         75.1         55.1         70.5	0.7         71.0         38.4         b7.3         0.6         72.0           0.1         75.6         57.6         71.0         0.2         75.7           0.1         75.2         58.4         70.7         0.3         75.4	07.3         0.0         72.0         58.2         67.3           55.6         70.9         0.1         75.6         60.6         71.2           56.2         70.6         0.2         75.3         60.4         70.8	0.4         75.9         59.0         71.1         0.3         75.8           0.4         75.5         59.1         70.7         0.3         75.4	59.7 71.1 0.3 59.4 70.7 0.3	75.8         53.9         70.9         0.1         75.6           75.4         53.2         70.5         0.1         75.2	51.0         67.2         U.S         71.9           63.2         71.5         0.7         76.2           71.1         73.8         3.4         YES         78.5	69.9         73.4         2.6         78.1           76.4         77.4         7.0         YES         82.1	0.4         0.0         0.9         72.3           68.4         72.8         2.0         77.5           74.9         76.2         5.8         YES         80.9	57.7         67.2         0.5           69.5         73.2         2.4           74.3         75.8         5.4         YES	72.9         67.5         72.5         1.7         77.2           80.5         73.3         75.1         4.7         YES         79.8	50.0         67.2         0.5         71.9           68.8         72.9         2.1         77.6           74.4         75.9         5.5         YES         80.6	54.3         00.0         0.1         71.5           62.0         71.3         0.5         76.0           67.6         72.2         1.8         76.9
012C 003.OG 013A 001.OG 013A 002 OG	3 012C 1 013A	69.6 74.3 55.5 69.8 63.0 64.5 51.8 63.3 63.0 64.5 52.1 63.3	0.2 74.5 58.3 69.9 0.3 74.6 0.3 64.8 56.3 63.8 0.9 65.3 0.3 64.8 56.5 62.9 0.0	56.2         69.8         0.2         74.5         65.5         71.0           54.1         63.5         0.5         65.0         56.9         63.9           54.3         63.5         0.6         65.0         56.9         63.9	1.4         75.7         64.8         70.8         1.2         75.5           1.0         65.4         54.3         63.5         0.6         65.0           0.9         65.4         54.2         2.5         0.6         65.0	67.8 71.8 2.2 56.5 63.8 0.9 56.6 63.9 0.9	76.5         61.7         70.3         0.7         75.0           65.3         51.6         63.3         0.3         64.8           65.4         51.8         63.3         0.3         64.8	71.6 73.7 4.1 YES 78.4 40.5 63.0 0.0 64.5 42.9 63.0 0.0	76.6         77.4         7.8         YES         82.1           45.9         63.0         0.1         64.5           47.6         63.1         0.1         64.5	76.3         77.1         7.5         YES         81.8           43.4         63.0         0.0         64.5           45.3         63.0         0.1         64.5	73.8 75.2 5.6 YES 53.2 63.4 0.4 52.9 63.4 0.4	79.9         72.9         74.6         5.0         YES         79.3           64.9         48.5         63.1         0.2         64.6           64.9         48.1         63.1         0.1         64.6	74.5         75.7         6.1         YES         80.4           51.0         63.2         0.3         64.7           50.6         63.2         0.2         64.7	66.6 71.4 1.8 76.1 39.3 63.0 0.0 64.5 39.6 63.0 0.0
013A 003.0G 013B 001.0G	3 013A 1 013B	63.0 64.5 51.8 63.3 63.0 64.5 39.8 63.0	0.3         64.8         56.2         63.8         0.8         65.3           0.0         64.5         40.7         63.0         0.0         64.5	54.0         63.5         0.5         65.0         57.8         64.1           40.6         63.0         0.0         64.5         41.2         63.0	12         65.6         56.0         63.7         0.8         65.2           0.0         64.5         40.6         63.0         0.0         64.5	56.5 63.8 0.9 41.9 63.0 0.0	65.3         51.9         63.3         0.3         64.8           64.5         39.1         63.0         0.0         64.5	44.5         63.0         0.1         64.5           41.9         63.0         0.0         64.5	48.8         63.1         0.1         64.5           47.0         63.1         0.1         64.6	46.7         63.1         0.1         64.5           42.6         63.0         0.0         64.5	53.4         0.4           53.2         63.4         0.4           43.0         63.0         0.0	03.1         0.1         64.6           64.9         48.4         63.1         0.1         64.6           64.5         41.0         63.0         0.0         64.5	50.8         63.2         0.2         64.7           50.8         63.2         0.3         64.7           43.0         63.0         0.0         64.5	40.8 63.0 0.0 64.5 38.6 63.0 0.0 64.5
0138 002.0G 0138 003.0G 014A 001 0G	2 013B 3 013B 1 014A	63.0 64.5 40.8 63.0 63.0 64.5 41.7 63.0 63.0 64.5 51.7 62.2	0.0         64.5         41.3         63.0         0.0         64.5           0.0         64.5         43.0         63.0         0.0         64.5           0.3         64.8         55.6         63.7         0.7         65.2	41.4         63.0         0.0         64.5         43.5         63.0           42.9         63.0         0.0         64.5         49.0         63.1           53.7         63.4         0.5         66.9         58.0         63.1	0.0         64.5         41.2         63.0         0.0         64.5           0.2         64.6         47.1         63.1         0.1         64.6           1.2         65.7         56.5         64.8         0.9         64.5	42.5 63.0 0.0 55.4 63.7 0.7 56.0 63.7 0.8	64.5         42.8         63.0         0.0         64.5           65.2         49.1         63.1         0.2         64.6           65.2         51.6         63.3         0.3         64.9	42.9 63.0 0.0 64.5 43.7 63.0 0.1 64.5 40.0 63.0 0.0 64.5	47.7 63.1 0.1 64.6 48.3 63.1 0.1 64.6 45.6 63.0 0.1 64.6	43.2 63.0 0.0 64.5 43.3 63.0 0.0 64.5 43.5 63.0 0.0 64.5	44.0 63.0 0.1 45.0 63.0 0.1 53.8 63.4 0.5	64.5         41.5         63.0         0.0         64.5           64.5         41.8         63.0         0.0         64.5           64.9         49.0         63.1         0.2         64.6	43.5         63.0         0.0         64.5           44.1         63.0         0.1         64.5           51.6         63.3         0.3         64.9	39.3 63.0 0.0 64.5 40.3 63.0 0.0 64.5 39.1 63.0 0.0 64.5
014A 002.0G 014A 003.0G	2 014A 3 014A	63.0 64.5 52.3 63.3 63.0 64.5 52.2 63.3	0.4 64.8 55.1 63.8 0.8 65.3 0.4 64.8 55.8 63.7 0.8 65.2	55.4         63.7         0.7         65.2         57.5         64.0           55.0         63.6         0.6         65.1         57.6         64.1	1.1         65.5         55.8         63.7         0.8         65.2           1.1         65.6         56.1         63.8         0.8         65.3	56.0 63.7 0.8 56.0 63.7 0.8	65.2         51.7         63.3         0.3         64.8           65.2         51.8         63.3         0.3         64.8	42.6 63.0 0.0 64.5 44.3 63.0 0.1 64.5	47.4 63.1 0.1 64.6 48.6 63.1 0.2 64.6	45.6 63.0 0.1 64.5 46.9 63.1 0.1 64.6	53.6 63.4 0.5 53.8 63.4 0.5	64.9 48.6 63.1 0.2 64.6 64.9 48.8 63.1 0.2 64.6	51.2         63.2         0.3         64.7           51.4         63.2         0.3         64.7	39.5         63.0         0.0         64.5           40.4         63.0         0.0         64.5
0148 001.0G 0148 001.0G 0148 002.0G	4 014A 1 014B 2 014B	63.0 64.5 52.4 63.3 63.0 64.5 37.2 63.0 63.0 64.5 37.9 63.0	v.*         b4.8         56.3         63.8         0.9         65.3           0.0         64.5         39.0         63.0         0.0         64.5           0.0         64.5         39.5         63.0         0.0         64.5	эч.         b.b         0.5         65.1         60.4         64.9           38.0         63.0         0.0         64.5         39.2         63.0           38.4         63.0         0.0         64.5         39.9         63.0	i.7         bb.4         59.4         64.5         1.6         66.0           0.0         64.5         37.6         63.0         0.0         64.5           0.0         64.5         38.1         63.0         0.0         64.5	00.2 b4.8 1.8 39.9 63.0 0.0 40.5 63.0 0.0	vo.s         54.8         63.6         0.6         65.1           64.5         36.7         63.0         0.0         64.5           64.5         37.3         63.0         0.0         64.5	+3.7         b3.0         0.1         64.5           39.9         63.0         0.0         64.5           40.7         63.0         0.0         64.5	47.8         b3.2         0.2         64.7           44.8         63.0         0.1         64.5           45.4         63.0         0.1         64.5	wr.d         b5.1         0.1         64.6           40.5         63.0         0.0         64.5           41.0         63.0         0.0         64.5	33.9         b3.5         0.5           41.6         63.0         0.0           43.1         63.0         0.0	03.0         49.1         63.1         0.2         64.6           64.5         39.1         63.0         0.0         64.5           64.5         39.4         63.0         0.0         64.5	>1.b         b5.3         0.3         64.8           40.9         63.0         0.0         64.5           41.3         63.0         0.0         64.5	40.0         b3.0         0.0         64.5           36.7         63.0         0.0         64.5           37.3         63.0         0.0         64.5
0148 003.OG 0148 004.OG	3 014B 4 014B	63.0 64.5 38.3 63.0 63.0 64.5 38.5 63.0	0.0 64.5 39.9 63.0 0.0 64.5 0.0 64.5 40.5 63.0 0.0 64.5 0.0 64.5 40.5 63.0 0.0 64.5	38.7         63.0         0.0         64.5         40.6         63.0           39.1         63.0         0.0         64.5         41.4         63.0	0.0         64.5         38.7         63.0         0.0         64.5           0.0         64.5         42.8         63.0         0.0         64.5           1.2         67.7         67.2         67.2         67.2         67.2	41.1 63.0 0.0 43.9 63.0 0.1	64.5         37.9         63.0         0.0         64.5           64.5         38.7         63.0         0.0         64.5           64.5         38.7         63.0         0.0         64.5	41.3 63.0 0.0 64.5 42.1 63.0 0.0 64.5	46.0 63.0 0.1 64.5 46.7 63.1 0.1 64.6	41.5 63.0 0.0 64.5 42.8 63.0 0.0 64.5	43.5 63.0 0.0 44.0 63.0 0.1	64.5 39.8 63.0 0.0 64.5 64.5 40.3 63.0 0.0 64.5	41.9 63.0 0.0 64.5 42.4 63.0 0.0 64.5	37.9 63.0 0.0 64.5 38.6 63.0 0.0 64.5
015A 002.OG 015A 003.OG	2 015A 3 015A	03.0         04.5         52.1         63.3           63.0         64.5         52.7         63.3           63.0         64.5         52.6         63.3	0.4         64.8         57.1         64.0         1.0         65.5           0.4         64.8         56.8         63.9         0.9         65.4	55.1         63.6         0.7         65.1         62.0         65.5           55.1         63.6         0.7         65.1         61.0         65.1	02.7         05.4         05.8         U.8         65.3           2.6         67.0         61.2         65.2         2.2         66.7           2.1         66.6         59.9         64.7         1.7         66.2	57.5 04.1 1.1 60.6 64.9 2.0 58.4 64.3 1.3	52.4         03.3         0.4         64.8           66.4         54.7         63.6         0.6         65.1           65.8         52.6         63.3         0.4         64.8	44.1         63.0         0.1         64.5           45.6         63.0         0.1         64.5	49.2         63.1         0.1         64.6           50.5         63.2         0.2         64.7	46.4         63.0         0.1         64.5           47.8         63.1         0.1         64.6	54.4 63.5 0.6 54.5 63.5 0.6	45.0         45.0         05.2         0.2         64.7           65.0         49.6         63.1         0.2         64.6           65.0         50.0         63.2         0.2         64.7	52.0         63.3         0.3         64.8           52.0         63.3         0.3         64.8           52.4         63.3         0.4         64.8	40.1         63.0         0.0         64.5           41.1         63.0         0.0         64.5
0158 001.0G 0158 002.0G 0158 003 0G	1 0158 2 0158 3 0159	63.0 64.5 39.4 63.0 63.0 64.5 40.2 63.0 63.0 64.5 41.0 62.0	0.0 64.5 40.3 63.0 0.0 64.5 0.0 64.5 41.1 63.0 0.0 64.5 0.0 64.5 41.8 63.0 0.0 64.5	39.8         63.0         0.0         64.5         39.7         63.0           40.4         63.0         0.0         64.5         40.5         63.0           40.9         63.0         0.0         64.5         41.9         63.0	0.0         64.5         38.4         63.0         0.0         64.5           0.0         64.5         39.2         63.0         0.0         64.5           0.0         64.5         13.4         63.0         0.0         64.5	40.2 63.0 0.0 40.9 63.0 0.0 42.2 63.0 0.0	64.5 37.1 63.0 0.0 64.5 64.5 37.8 63.0 0.0 64.5 64.5 39.1 63.0 0.0 64.5	40.1 63.0 0.0 64.5 40.9 63.0 0.0 64.5 41.6 63.0 0.0 64.5	45.6 63.0 0.1 64.5 46.1 63.0 0.1 64.5 46.8 63.1 0.1 64.5	42.5 63.0 0.0 64.5 42.9 63.0 0.0 64.5 43.4 63.0 0.0 64.5	42.5 63.0 0.0 43.4 63.0 0.0 43.9 63.0 0.1	64.5 40.3 63.0 0.0 64.5 64.5 40.5 63.0 0.0 64.5 64.5 40.7 63.0 0.0 64.5	41.9 63.0 0.0 64.5 42.1 63.0 0.0 64.5 42.5 63.0 0.0 64.5	36.3 63.0 0.0 64.5 36.7 63.0 0.0 64.5 37.3 63.0 0.0 64.5
016A 001.0G 016A 002.0G	1 016A 2 016A	63.0         64.5         50.6         63.2           63.0         64.5         51.3         63.2	0.2 64.7 55.5 63.7 0.7 65.2 0.3 64.7 56.0 63.7 0.8 65.2	53.8         63.4         0.5         64.9         61.2         65.2           54.2         63.5         0.5         65.0         61.1         65.1	2.2         66.7         60.0         64.7         1.8         66.2           2.2         66.6         59.8         64.7         1.7         66.2	57.6 64.1 1.1 57.8 64.1 1.2	65.6         52.4         63.3         0.4         64.8           65.6         52.8         63.4         0.4         64.9	41.4         63.0         0.0         64.5           42.7         63.0         0.0         64.5	49.9         63.2         0.2         64.7           50.5         63.2         0.2         64.7	48.4         63.1         0.1         64.6           49.0         63.1         0.2         64.6	56.1         63.8         0.8           56.0         63.7         0.8	65.3         50.7         63.2         0.3         64.7           65.2         50.4         63.2         0.2         64.7	53.2         63.4         0.4         64.9           52.9         63.4         0.4         64.9	39.6         63.0         0.0         64.5           39.8         63.0         0.0         64.5
016A 003.OG 016A 004.OG 016B 001.OG	3 016A 4 016A 1 016R	63.0 64.5 51.8 63.3 63.0 64.5 52.2 63.3 63.0 64.5 39.3 63.0	U.s         64.8         56.5         63.8         0.9         65.3           0.4         64.8         56.5         63.8         0.9         65.3           0.0         64.5         40.7         63.0         0.0         64.5	54.6         63.5         0.6         65.0         61.8         65.4           55.0         63.6         0.6         65.1         62.9         65.9           39.7         63.0         0.0         64.5         38.6         63.0	2.5         66.9         60.6         64.9         2.0         66.4           3.0         67.4         61.8         65.4         2.5         66.9           0.0         64.5         37.6         63.0         0.0         64.4	59.7 54.6 1.7 62.3 65.6 2.7 39.3 63.0 0.0	bb.1         53.3         63.4         0.4         64.9           67.1         56.9         63.9         1.0         65.4           64.5         35.8         63.0         0.0         64.5	44.2         63.0         0.1         64.5           45.4         63.0         0.1         64.5           40.4         63.0         0.0         64.5	52.4         63.3         0.4         64.8           53.2         63.4         0.4         64.9           46.5         63.0         0.1         64.5	51.2         63.2         0.3         64.7           52.0         63.3         0.3         64.8           44.1         63.0         0.1         64.5	56.1         63.8         0.8           56.2         63.8         0.8           42.4         63.0         0.0	bb.s         50.6         63.2         0.2         64.7           65.3         51.0         63.2         0.3         64.7           64.5         40.7         63.0         0.0         64.5	>3.0         63.4         0.4         64.9           53.2         63.4         0.4         64.9           42.5         63.0         0.0         64.5	40.4         63.0         0.0         64.5           41.1         63.0         0.0         64.5           37.5         63.0         0.0         64.5
0168 002.OG 0168 003.OG	2 016B 3 016B	63.0 64.5 39.7 63.0 63.0 64.5 40.2 63.0	0.0 64.5 40.9 63.0 0.0 64.5 0.0 64.5 41.4 63.0 0.0 64.5	39.9         63.0         0.0         64.5         38.7         63.0           40.4         63.0         0.0         64.5         39.0         63.0	0.0 64.5 37.8 63.0 0.0 64.5 0.0 64.5 39.8 63.0 0.0 64.5	39.5 63.0 0.0 41.0 63.0 0.0	64.5         35.9         63.0         0.0         64.5           64.5         36.1         63.0         0.0         64.5	40.6 63.0 0.0 64.5 41.4 63.0 0.0 64.5	46.6 63.0 0.1 64.5 47.2 63.1 0.1 64.6	44.2 63.0 0.1 64.5 44.7 63.0 0.1 64.5	42.5 63.0 0.0 42.6 63.0 0.0	64.5         40.7         63.0         0.0         64.5           64.5         40.8         63.0         0.0         64.5	42.5         63.0         0.0         64.5           42.6         63.0         0.0         64.5	37.5         63.0         0.0         64.5           37.6         63.0         0.0         64.5
016B 004.OG 017A 001.OG	4 016B 1 017A	63.0 64.5 40.7 63.0 63.0 64.5 50.4 63.2	U.U         64.5         42.4         63.0         0.0         64.5           0.2         64.7         54.1         63.5         0.5         65.0	41.0         63.0         0.0         64.5         45.5         63.0           52.1         63.3         0.3         64.8         60.4         64.9	U.1 64.5 41.2 63.0 0.0 64.5 1.9 66.4 59.5 64.6 1.6 66.1	42.2 63.0 0.0 55.4 63.7 0.7	64.5 36.5 63.0 0.0 64.5 65.2 50.6 63.2 0.2 64.7	42.2 63.0 0.0 64.5 43.0 63.0 0.0 64.5	47.b 63.1 0.1 64.6 50.9 63.2 0.3 64.7	45.1 63.0 0.1 64.5 49.1 63.1 0.2 64.6	42.9 63.0 0.0 56.5 63.8 0.9	b4.5         40.9         63.0         0.0         64.5           65.3         52.5         63.3         0.4         64.8	42.7 63.0 0.0 64.5 54.5 63.5 0.6 65.0	37.8 63.0 0.0 64.5 40.9 63.0 0.0 64.5



6 mont	ths (superst P2T3	ructure)			2 M	onths (exte	riors)			4 month	ns of overlap P2T4b	o (ext/int)			7 m	onths (inter P2T5	iors)	
.eq otal	Change	Exceed?	L10 Total	Const	Leq Total	Change	Exceed?	L10 Total	Const	Leq Total	Change	Exceed?	L10 Total	Const	Leq Total	Change	Exceed?	L10 Total
3.8 3.9 3.9	0.9		65.3 65.4 65.4	52.5 52.8 53.1	63.3 63.4 63.4	0.4 0.4 0.4		64.8 64.9 64.9	54.4 54.6 54.9	63.5 63.6	0.6		65.0 65.0 65.1	41.6 42.2 43.4	63.0 63.0 63.0	0.0		64.5 64.5 64.5
3.0 3.0	0.1		64.5 64.5	41.4 41.8	63.0 63.0	0.0		64.5 64.5	43.3 43.8	63.0 63.0	0.0		64.5 64.5	39.6 40.1	63.0 63.0	0.0		64.5 64.5
3.0	0.1		64.5 64.5	42.4	63.0 63.0	0.0		64.5 64.5	44.5 43.5	63.0 63.0	0.1		64.5 64.5	40.8	63.0 63.0	0.0		64.5
3.9 4.0	1.0		65.4 65.5	54.5 54.9	63.5 63.6	0.6		65.0 65.1	56.1 56.5	63.8 63.8	0.8		65.3 65.3	42.0	63.0 63.0	0.0		64.5 64.5
3.0 3.0	0.1		64.5 64.5	43.5 43.7	63.0 63.0	0.0		64.5 64.5	45.7 45.9	63.0 63.0	0.1		64.5 64.5	41.1 41.3	63.0 63.0	0.0		64.5 64.5
3.1 4.4	0.1		64.6 65.9	43.9 55.4	63.0 63.7	0.1		64.5 65.2	46.2 57.7	63.0 64.1	0.1		64.5 65.6 65.7	41.6 49.9 51.0	63.0 63.2	0.0		64.5 64.7
4.5 4.6 4.7	1.6		66.1 66.2	56.5 57.0	63.8 63.9	0.9		65.3 65.4	58.6 59.1	64.2 64.3	1.5		65.8 65.9	51.0 52.2	63.2 63.3	0.3		64.7 64.8
3.2 3.2	0.2		64.7 64.7	44.1 43.9	63.0 63.0	0.1		64.5 64.5	46.7 45.5	63.1 63.0	0.1		64.6 64.5	40.7 40.7	63.0 63.0	0.0		64.5 64.5
3.0	0.1		64.5 64.5	42.2	63.0 63.0	0.0		64.5 64.5	44.2 44.4	63.0 63.0	0.1		64.5 64.5	39.0 39.3	63.0 63.0	0.0		64.5 64.5
3.3 3.3	0.3		68.0 68.0	47.6 47.4	63.1 63.1	0.1		67.8 67.8	50.0 49.8	63.2 63.2	0.2		67.9 67.9	35.8 35.1	63.0 63.0	0.0		67.7 67.7
3.3	0.4		68.0 68.0	47.6 47.9	63.1 63.1	0.1		67.8 67.8	50.0 50.2	63.2 63.2	0.2		67.9 67.9	36.0 36.7	63.0 63.0	0.0		67.7
3.4 3.4 3.4	0.4		68.1 68.1	48.6 49.2 50.6	63.1 63.2	0.2		67.8 67.9	50.7 51.1 52.2	63.2 63.3	0.3		67.9 68.0	37.5 38.6 41.0	63.0 63.0	0.0		67.7
4.1 4.4	0.0		78.8 79.1	47.8 48.1	74.1 74.4	0.0		78.8 79.1	50.8 51.1	74.1 74.4	0.0		78.8 79.1	47.7 48.0	74.1 74.4	0.0		78.8 79.1
4.0 3.5	0.0		78.7	47.8	74.0	0.0		78.7	50.8	74.0	0.0		78.7	47.7	74.0 73.5	0.0		78.7
2.6	0.0		77.3	46.7	72.6	0.0		77.3	49.7	72.6	0.0		77.3	46.6	72.6	0.0		77.3
1.5 6.1	0.0		76.2 70.8	46.5 50.7	71.5	0.0		76.2 70.6	49.4 53.0	71.5 66.0	0.0		76.2	46.3 46.1	71.5 65.8	0.0		76.2 70.5
5.3 7.9 8.1	0.0		70.0 72.6 72.8	43.2 43.6 42.7	65.3 67.9 68.1	0.0		70.0 72.6 72.8	45.6 46.0 45.3	65.3 67.9 68.1	0.0		70.0 72.6 72.8	41.8 42.5 41.9	65.3 67.9 68.1	0.0		70.0 72.6 72.8
8.1 3.4	0.0		72.8	44.1 48.7	68.1 63.1	0.0		72.8	46.4 51.2	68.1 63.2	0.0		72.8	42.6	68.1 63.0	0.0		72.8
3.4 3.4	0.4		68.1 68.1	48.3	63.1 63.1	0.1		67.8 67.8	50.7 50.7	63.2 63.2	0.3		67.9 67.9	36.5 36.5	63.0 63.0	0.0		67.7
4.5	0.0		79.2 78.9	48.2 48.5 48.3	74.2 74.5 74.2	0.0		78.9 79.2 78.9	51.2 51.5 51.2	74.2 74.5 74.2	0.0		78.9	48.0 48.3 48.0	74.2 74.5 74.2	0.0		78.9 79.2 78.9
3.5 3.5	0.5		68.2 68.2	49.6 49.0	63.1 63.1	0.2		67.8 67.8	52.2 51.5	63.3 63.3	0.4		68.0 68.0	38.2 39.0	63.0 63.0	0.0		67.7 67.7
3.5	0.5		68.2 68.2	49.1 49.1	63.1 63.1	0.2		67.8 67.8	51.7 51.8	63.3 63.3	0.3		68.0 68.0	39.9 40.8	63.0 63.0	0.0		67.7
4.7 4.3	0.0		79.4 79.0	48.8 48.6	74.4 74.7 74.3	0.0		79.4	51.4 51.7 51.5	74.4 74.7 74.3	0.0		79.4	48.6 48.3	74.4 74.7 74.3	0.0		79.4
3.9 3.9	0.0		78.6 68.6	48.3 50.8	73.9 63.2	0.0		78.6 67.9	51.2 53.4	73.9 63.4	0.0		78.6 68.1	48.0 40.0	73.9 63.0	0.0		78.6 67.7
3.8 3.9 4.5	0.9		68.5 68.6 79.2	50.6 50.8	63.2 63.2 74 5	0.2		67.9 67.9 79.2	53.1 53.3 52.0	63.4 63.4	0.4		68.1 68.1 79.2	40.6 41.4 48.7	63.0 63.0 74 5	0.0		67.7 67.7 79.2
4.8	0.0		79.5	49.4	74.8	0.0		79.5	52.0 52.2 52.0	74.8	0.0		79.5	48.9 48.6	74.8	0.0		79.5 79.1
3.8 3.9	0.8		68.5 68.6	51.6 51.4	63.3 63.2	0.3		68.0 67.9	54.2 54.0	63.5 63.5	0.5		68.2 68.2	40.1 40.5	63.0 63.0	0.0		67.7 67.7
3.9 3.9	0.9		68.6 68.6	51.5 51.8	63.3 63.3	0.3		68.0 68.0	54.1 54.3	63.5 63.5	0.5		68.2 68.2	41.0	63.0 63.0	0.0		67.7 67.7
4.7	0.0		79.4	48.9	74.7	0.0		79.4	51.8	74.7	0.0		79.4	48.7	74.7	0.0		79.4
4.5	0.0		79.2 78.8	48.9 48.6	74.5	0.0		79.2	51.8 51.5	74.5	0.0		79.2	48.7	74.5	0.0		79.2 78.8
3.6 7.1 8.2	2.6		71.8	48.3 62.6 64.1	73.6 66.7 67.8	2.2		78.3	63.3 64.8	67.0 68.1	2.5		71.7	48.0 50.7 53.4	64.7 65.7	0.0		78.3 69.4 70.4
9.5 9.5	4.2 4.6	YES	74.2 74.2	67.9 67.8	69.8 69.6	4.5 4.7	YES YES	74.5 74.3	68.2 68.2	70.0 69.9	4.7	YES YES	74.7 74.6	54.4 55.0	65.6 65.3	0.3		70.3 70.0
9.5 9.2	4.9	YES	74.2 73.9	67.8 67.7	69.5 69.4	4.9	YES	74.2	68.1 68.0	69.7 69.6	5.1 5.2	YES	74.4	54.4 54.7	65.0 64.8	0.4		69.7 69.5
8.8 8.8	4.7		73.5	67.3 67.1	69.0 68.8	4.9	YES	73.7	68.4 68.2	69.8 69.6	5.7	YES	74.5	55.2 55.2	64.6 64.4	0.5		69.3 69.1
8.5 8.3	4.8 4.6	YES	73.2 73.0	66.9 66.7	68.6 68.5	4.9 4.8	YES YES	73.3 73.2	67.4 67.2	68.9 68.8	5.2 5.1	YES YES	73.6 73.5	55.5 55.2	64.3 64.3	0.6		69.0 69.0
4.7 4.3 3.8	0.0		79.4 79.0 78.5	54.1 52.9 53.6	74.7 74.3 73.8	0.0		79.4 79.0 78.5	55.3 54.4 54.8	74.7 74.3 73.9	0.0		79.4 79.0 78.6	49.5 49.2 49.0	74.7 74.3 73.8	0.0		79.4 79.0 78.5
3.3 2.9	0.0		78.0	55.3 48.5	73.4	0.0		78.1	56.1 51.2	73.4	0.1		78.1	49.1 47.9	73.3	0.0		78.0
2.4	0.0		77.1 76.6	48.2 47.9	72.4 71.9	0.0		77.1 76.6	51.0 50.7	72.4 71.9	0.0		77.1	47.6 47.4	72.4 71.9	0.0		77.1 76.6
1.5	0.0		75.7 75.4	47.7 47.5 47.4	71.0 70.7	0.0		75.7 75.4	50.4 50.2 50.1	71.5 71.0 70.7	0.0		75.7	47.1 46.9 46.8	71.0 70.7	0.0		75.7 75.4
1.4 1.8	0.6		76.1 76.5	61.1 62.7	71.2 71.5	0.4		75.9 76.2	62.9 64.7	71.5 71.8	0.7		76.2 76.5	57.1 59.4	71.0 71.2	0.2		75.7 75.9
1.7	1.1		76.4 76.1	65.1 65.1	71.7	1.1		76.4	67.1	72.2	1.6		76.9	60.7 60.7	71.0	0.4		75.7
0.9	1.4		75.6	65.0 64.9	70.8	1.3		75.5	66.5 66.4	71.3 71.0	1.8		76.0	60.6 60.4	70.0	0.5		74.7
0.4	1.5		75.1 74.8	64.8 64.7	70.3	1.4		75.0 74.8	66.3 66.2	70.8	1.9		75.5	60.3 60.2	69.5 69.2	0.6		74.2
9.8 9.7 3.0	1.6		74.5	64.4 43.6	69.8 69.6 63.0	1.6		74.5	65.9 45.6	70.3 70.1 63.0	2.1 2.1 0.1		74.8	59.9 41.3	68.6 63.0	0.6		73.5
3.0 3.0	0.1		67.7 67.7	43.7 43.9	63.0 63.0	0.1	<u> </u>	67.7 67.7	45.7 45.8	63.0 63.0	0.1		67.7 67.7	41.5 41.6	63.0 63.0	0.0	<u> </u>	67.7 67.7
3.0	0.1		67.7 67.7	44.7 43.4	63.0 63.0	0.1		67.7 67.7	46.4	63.0 63.0	0.1		67.7	41.8	63.0 63.0	0.0		67.7
3.0 3.0	0.1		67.7 67.7	43.1 42.8	63.0 63.0	0.0		67.7 67.7	45.0	63.0 63.0	0.1		67.7	40.7	63.0 63.0	0.0		67.7
3.0 3.1	0.1		67.7 67.8	43.2 43.6	63.0 63.0	0.0		67.7	45.4 45.8	63.0 63.0	0.1		67.7	41.6	63.0 63.0	0.0		67.7
3.1 3.0 3.0	0.2 0.1 0.1		67.8 67.7 67.7	44.1 42.6 42.9	63.0 63.0	0.1 0.0 0.0		67.7 67.7 67.7	46.3 44.1 44.4	63.0 63.0 63.0	0.1 0.1		67.7 67.7 67.7	42.4 40.1 40.7	63.0 63.0 63.0	0.0		67.7 67.7
3.0 3.0	0.1		67.7 67.7	43.5 44.6	63.0 63.0	0.0		67.7 67.7	44.9 45.8	63.0 63.0	0.1		67.7 67.7	40.3 40.4	63.0 63.0	0.0		67.7 67.7
3.8 3.8 3.9	0.9		68.5 68.5	52.5 52.7 52.9	63.3 63.3	0.4		68.0 68.0	54.7 55.0	63.6 63.6	0.6		68.3 68.3	40.2 40.1	63.0 63.0	0.0		67.7 67.7
4.0	1.0		68.7 68.7	52.7 52.5	63.3 63.3	0.4		68.0 68.0	55.2 55.1	63.6 63.6	0.7		68.3 68.3	40.8	63.0 63.0	0.0		67.7
4.1	1.2		68.8 68.9	52.6 52.8	63.3 63.4	0.4		68.0 68.1	55.2 55.3	63.6 63.6	0.7		68.3 68.3	41.7	63.0 63.0	0.0		67.7
9.3 1.6 1.7	3.9 5.5 5.7	YES YES	74.0 76.3 76.4	65.2 67.8 68 5	68.3 70.0 70.4	2.9 3.9 4.4	YES	73.0 74.7 75.1	65.2 69.4 69.8	68.8 71.1 71.3	3.4 5.0 5.3	YES YES	73.5 75.8 76.0	59.0 64.0 64.9	65.3 68.2 68.5	0.9 2.1 2.5		/1.0 72.9 73.2
1.5 2.8	0.8		76.2 77.5	60.8 66.3	71.1 72.0	0.4		75.8 76.7	62.9 68.2	71.4 72.6	0.7		76.1 77.3	58.7 63.6	71.0 71.4	0.3		75.7 76.1
2.7 3.4	2.7		77.4 68.1	66.4 49.4	71.6	1.6 0.2		76.3 67.8	68.3 55.3	72.2	2.2		76.9 68.3	63.5 44.9	70.9	0.9		75.6
3.5 3.7 4.1	0.5		68.4 68.8	51.2 55.3	63.2 63.6	0.2		67.9 68.3	55.7 56.3 58.8	63.7 63.8 64.4	0.7		68.5 69.1	45.7 47.1 51.0	63.1 63.2	0.1 0.3		67.8 67.9
1.0 1.4	0.5		75.7 76.1	57.8 60.9	70.7 71.1	0.2		75.4 75.8	60.6 62.9	70.9 71.4	0.4		75.6 76.1	57.1 58.4	70.7 70.9	0.2		75.4 75.6
1.6 1.3 8.4	1.3	VEC	76.3 76.0	63.1 63.1	71.1 70.7 65.0	0.8		75.8 75.4 67.4	65.4 65.3	71.5	1.2 1.3 3.0	VES	76.2 75.9 68 2	61.3 61.2 45.1	70.8	0.5		75.5 75.1 64.5
8.4 8.5	5.5 5.6	YES	69.9 70.0	63.2 63.2	66.1 66.1	3.1 3.1	YES YES	67.6 67.6	64.8 64.8	67.0 67.0	4.0	YES	68.5 68.5	47.1	63.1 63.1	0.1	E	64.6 64.6
8.6 3.1	5.6	YES	70.1	63.7 47.4	66.4 63.1	3.4 0.1	YES	67.9 64.6	65.2 49.4	67.2 63.1	4.3 0.2	YES	68.7 64.6	48.3 45.1	63.1 63.0	0.1		64.6 64.5
3.2 3.4	0.2		64.7 64.9	40.1 49.0 52.5	63.1 63.3	0.1 0.2 0.4		64.6 64.8	51.0 53.8	63.2 63.4	0.2		64.7 64.9	46.4 47.9	63.0 63.1	0.1 0.1		64.5 64.6
6.9 6.9	3.9 3.9	YES	68.4 68.4	60.3 60.3	64.8 64.8	1.9 1.9		66.3 66.3	62.3 62.4	65.6 65.7	2.7		67.1 67.2	43.3 44.6	63.0 63.0	0.0		64.5 64.5
6.9 3.1 3.1	4.0 0.2 0.2	YES	68.4 64.6 64.4	60.4 47.1 47.4	64.9 63.1 63.1	1.9 0.1		66.4 64.6 64.4	62.4 48.8 49.2	65.7 63.1 63.1	2.7 0.2		67.2 64.6 64.6	45.3 43.9 44.4	63.0 63.0	0.1		64.5 64.5 64.5
3.2	0.2	YES	64.7 67.5	47.8	63.1 64.3	0.1		64.6 65.8	49.7 60.8	63.2 65.0	0.2		64.7 66.5	45.0 42.9	63.0 63.0	0.1		64.5 64.5
5.9 5.9	2.9		67.4 67.4	58.5 58.5	64.3 64.3	1.3		65.8 65.8	60.6 60.6	64.9 64.9	2.0		66.4 66.4	43.8	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.1 0.1 0.1		64.6 64.6	44.8 45.1 45.4	63.0 63.0	0.1 0.1 0.1		64.5 64.5	46.8 47.2 47.6	63.1 63.1	0.1 0.1		64.6 64.6	42.3 42.8 43.2	63.0 63.0	0.0		64.5 64.5
5.5 5.3	2.6		67.0 66.8	57.7 57.2	64.1 64.0	1.1		65.6 65.5	59.6 59.0	64.6 64.4	1.7		66.1 65.9	40.1 41.3	63.0 63.0	0.0		64.5 64.5



5 mont	ths (superst	tructure)			2 Mc	onths (exte	riors)			4 month	is of overlap	o (ext/int)			7 m	onths (inter	iors)	
eq otal	Change	Exceed?	L10 Total	Const	Leq Total	Change	Exceed?	L10 Total	Const	Leq Total	Change	Exceed?	L10 Total	Const	Leq Total	Change	Exceed?	L10 Total
5.3 3.0	2.3 0.1		66.8 64.5	57.2 42.8	64.0 63.0	1.0		65.5 64.5	59.0 44.7	64.4 63.0	1.5 0.1		65.9 64.5	41.8 40.2	63.0 63.0	0.0		64.5 64.5
3.0 3.0	0.1		64.5 64.5	43.1 43.4	63.0 63.0	0.0		64.5 64.5	45.1 45.5	63.0 63.0	0.1		64.5 64.5	40.6 41.3	63.0 63.0	0.0		64.5 64.5
6.3 7.2	2.0		69.1 70.0	57.7 56.9	65.2 66.5	0.9		68.0 69.3	59.3 58.5	65.5 66.7	1.2		68.3 69.5	41.0 42.6	64.3 66.0	0.0		67.1 68.8
7.5 7.7	1.1		70.3 70.5	56.8 56.8	66.9 67.0	0.5		69.7 69.8	58.4 58.4	67.0 67.2	0.6		69.8 70.0	43.1 43.3	66.4 66.6	0.0		69.2 69.4
7.7	1.1		70.5	56.8 56.8	67.0 66.9	0.4		69.8 69.7	58.4 58.7	67.2 67.1	0.6		70.0 69.9	43.5 43.6	66.6 66.4	0.0		69.4 69.2
7.2	1.2		70.0	56.8 56.8	66.5 66.3	0.5		69.3 69.1	58.7	66.6 66.6	0.7		69.5 69.4	43.6	66.0 65.8	0.0		68.8 68.6
3.5 3.0	0.5		66.3 65.8	50.0	63.2 63.0	0.2		65.8	52.1 46.1	63.3 63.0	0.3		66.1 65.8	38.6	63.0 63.0	0.0		65.8 65.8
3.0	0.1		65.8	42.4	63.0	0.0		65.8	44.8	63.0	0.1		65.8	41.2	63.0	0.0		65.8
3.0	0.1		65.8 65.9	44.8 45.3	63.0	0.1		65.8 65.8	47.0	63.1 63.1	0.1		65.9 65.9	43.3	63.0 63.0	0.0		65.8 65.8
4.7 4.5	0.5		67.5	51.0	64.4 62.6	0.2		67.2	53.6 57.1	64.6 64.0	0.4		67.4	44.5	64.3 62.0	0.1		67.1
4.8	1.9		67.6	56.0	63.7	0.8		66.5	58.2	64.2 64.2	1.0		67.0	39.6	63.0	0.0		65.8
4.9	1.9		67.7	56.2	63.8	0.8		66.6	58.3	64.2	1.3		67.0	42.2	63.0	0.0		65.8
4.8	1.9		67.6	56.2 56.3	63.8 63.8	0.8		66.6	58.3 58.4	64.2 64.3	1.3		67.0 67.1	40.5	63.0 63.0	0.0		65.8
3.5 3.9	0.0		76.3 76.7	49.1 49.5	73.5 73.9	0.0		76.3	51.9 52.3	73.5 73.9	0.0		76.3 76.7	48.8 49.2	73.5 73.9	0.0		76.3 76.7
3.6 3.2	0.0		76.4 76.0	49.4 49.0	73.6 73.2	0.0		76.4	52.3 52.0	73.6 73.2	0.0		76.4 76.0	49.1 48.9	73.6 73.2	0.0		76.4 76.0
2.9 2.5	0.0		75.7 75.3	48.8 48.7	72.9 72.5	0.0		75.7 75.3	51.8 51.6	72.9 72.5	0.0		75.7 75.3	48.7 48.6	72.9 72.5	0.0		75.7 75.3
2.1 1.6	0.0		74.9 74.4	48.5 48.3	72.1 71.6	0.0		74.9 74.4	51.5 51.2	72.1 71.6	0.0		74.9 74.4	48.4 48.2	72.1 71.6	0.0		74.9 74.4
3.5 5.9	0.6		66.3 68.7	50.4 50.9	63.2 65.7	0.2		66.0 68.5	52.7 53.3	63.3 65.8	0.4		66.1 68.6	44.5 46.1	63.0 65.6	0.1		65.8 68.4
7.4 9.7	0.3		70.2	51.1 57.3	67.2 69.3	0.1		70.0	53.6 59.0	67.3 69.4	0.2		70.1	46.8 45.6	67.1 69.0	0.0		69.9 71.8
0.3	0.5		73.1 73.1	56.4 56.3	70.0 70.0	0.2		72.8	58.2 58.1	70.1	0.3		72.9	46.6 46.9	69.8 69.8	0.0		72.6
0.0 3.5	0.5		72.8	56.3 49.3	69.7 73.5	0.2		72.5	58.1 52.3	69.8 73.5	0.3		72.6	47.2	69.5 73.5	0.0		72.3
3.6	0.0		76.4	50.1	73.6	0.0		76.4	53.0	73.6	0.0		76.4	50.0	73.6	0.0		76.4
1.0	0.1		73.8	+9.9 51.2 51.0	70.9	0.0		73.7	54.9 54.2	71.0	0.0		73.8	+2.8 51.1 51.9	70.9	0.0		73.7
1.9	0.1		74.7 74.7	51.7 51.5	71.8	0.0		74.6	54.7 54.7	71.9	0.1		74.7 74.7	51.7 51.7	71.8	0.0		74.6
4.4 4.4	1.4		67.2 67.2	54.6 54.7	63.5 63.6	0.6		66.3 66.4	56.8 56.8	63.9 63.9	0.9		66.7 66.7	38.7	63.0 63.0	0.0		65.8 65.8
4.4 0.2	1.5		67.2 73.0	54.8 53.9	63.6 70.1	0.6		66.4 72.9	56.9 56.3	63.9 70.2	1.0		66.7 73.0	41.5 49.5	63.0 70.0	0.0		65.8 72.8
0.8	0.2	L	73.6 73.4	53.4 53.0	70.7	0.1		73.5 73.3	55.9 55.6	70.7	0.1		73.5 73.3	49.9 49.7	70.6	0.0	L	73.4 73.2
0.2 4.6	0.2		73.0 69.3	53.0 57.3	70.1 64.0	0.1		72.9	55.5 58.4	70.2 64.3	0.2		73.0 69.0	49.6 41.8	70.0	0.0		72.8 67.7
4.7 4.7	1.7		69.4 69.4	57.3 57.4	64.0 64.0	1.0		68.7 68.7	58.4 58.6	64.3 64.3	1.3 1.4		69.0 69.0	43.0 45.4	63.0 63.0	0.0		67.7 67.7
4.8 5.1	0.0		79.5 79.8	49.3 49.8	74.8 75.1	0.0		79.5 79.8	52.2 52.8	74.8 75.1	0.0		79.5 79.8	49.1 49.8	74.8 75.1	0.0		79.5 79.8
4.7 5.7	0.0		79.4 70.4	49.9 57.9	74.7 64.1	0.0		79.4 68.8	52.8 60.6	74.7 64.9	0.0		79.4 69.6	49.7 43.6	74.7 63.0	0.0		79.4 67.7
5.7 5.8	2.8		70.4 70.5	58.0 58.3	64.2 64.2	1.2		68.9 68.9	60.7 60.8	65.0 65.0	2.0		69.7 69.7	43.8 44.7	63.0 63.0	0.1		67.7 67.7
4.7 4.9	0.0		79.4 79.6	49.1 49.7	74.7 74.9	0.0		79.4 79.6	52.0 52.5	74.7 74.9	0.0		79.4 79.6	48.8 49.3	74.7 74.9	0.0		79.4 79.6
4.5 5.7	2.8		79.2	50.0 58.1	74.5 64.2	0.0		79.2 68.9	52.7	74.5 64.8	0.0		79.2 69.5	49.4	74.5 63.0	0.0		79.2 67.7
5.5	2.6		70.2	57.7	64.1	1.1		68.8	59.7 59.9	64.6	1.7		69.3 69.4	42.8	63.0	0.0		67.7
4.7 5.0	0.0		79.4	49.4	75.0	0.0		79.4	52.6	74.7	0.0		79.4	48.9	74.7	0.0		79.4
4.7 5.4 5.1	2.4		70.1	49.9 57.4 56.7	64.0	1.1		68.7	59.5 59.9	64.6	1.6		69.3 69.1	41.5	63.0	0.0		67.7
4.6	0.0		79.3	48.8	74.6	0.0		79.3	51.7	74.6	0.0		79.3	48.5	74.6	0.0		79.3
5.1	2.1		69.8 69.4	56.6	63.9 63.7	0.9		68.6 68.4	58.7	64.3 64.1	1.4		69.0 68.8	40.9	63.0 63.0	0.0		67.7
4.7 4.5	1.8		69.4 79.2	55.8 49.0	63.7 74.5	0.8		68.4 79.2	57.9 51.8	64.1 74.5	1.2		68.8 79.2	42.5 48.7	63.0 74.5	0.0		67.7 79.2
4.9 4.6	0.0		79.6 79.3	49.5 49.2	74.9 74.6	0.0		79.6 79.3	52.3 52.0	74.9 74.6	0.0		79.6 79.3	49.1 49.0	74.9 74.6	0.0		79.6 79.3
3.4 3.3	0.5		68.1 68.0	48.8 46.0	63.1 63.0	0.2		67.8 67.7	51.4 48.6	63.2 63.1	0.3		67.9 67.8	36.8 37.0	63.0 63.0	0.0		67.7 67.7
3.2 3.2	0.3		67.9 67.9	45.8 46.0	63.0 63.0	0.1		67.7 67.7	48.4 48.6	63.1 63.1	0.1		67.8 67.8	37.5 38.7	63.0 63.0	0.0		67.7 67.7
6.7 6.7	0.0		71.4	38.1 37.9	66.7 66.7	0.0		71.4	40.4	66.7 66.7	0.0		71.4	36.8 36.9	66.7 66.7	0.0		71.4
6.2 5.7	0.0		70.9 70.4	38.1 38.6	66.2 65.7	0.0		70.9	40.6 41.2	66.2 65.7	0.0		70.9	37.3 37.9	66.2 65.7	0.0		70.9 70.4
4.3 4.6	0.1		79.0	51.0 51.0	74.2	0.0		78.9	53.8 53.8	74.2	0.0		78.9	48.1	74.2	0.0		78.9
4.3 3.0	0.1		79.0	50.9 39.2	74.2 63.0	0.0		78.9	53.7	74.2 63.0	0.0		78.9	48.2	74.2 63.0	0.0		78.9 67.7
3.0	0.1		67.7	40.1	63.0	0.0		67.7	43.8	63.0	0.1		67.7	40.5	63.0	0.0		67.7
4.5	0.1		79.2	51.7	74.4	0.0		79.1	54.5 54.6	74.4	0.0		79.1	48.4	74.4	0.0		79.1
4.0 3.6	0.1		78.7	51.9 52.2	73.9 73.5	0.0		78.6	54.5 54.7	73.9 73.6	0.0		78.6 78.3	48.1 48.0	73.9 73.5	0.0		78.6 78.2
3.2 2.8	0.1		77.9 77.5	52.3 52.3	73.1 72.7	0.0		77.8 77.4	54.7 54.7	73.2 72.8	0.1		77.9 77.5	47.8 47.7	73.1 72.7	0.0		77.8 77.4
2.4	0.1		77.1 76.7	52.3 52.1	72.3 71.9	0.0		77.0 76.6	54.7 54.5	72.4 72.0	0.1		77.1 76.7	47.6 47.0	72.3 71.9	0.0		77.0 76.6
3.0	0.0		67.7 67.7	39.6 40.4	63.0 63.0	0.0		67.7 67.7	42.0 42.9	63.0 63.0	0.0		67.7 67.7	38.3 39.3	63.0 63.0	0.0		67.7 67.7
3.0 3.0	0.1		67.7	42.4	63.0 63.0	0.0		67.7	44.7	63.0 63.0	0.1		67.7	40.9	63.0 63.0	0.0		67.7
3.1	0.2		67.8	48.8	63.1	0.2		67.8	49.9	63.2 63.2	0.3		67.9	43.5	63.0	0.1		67.7
3.1	0.2		67.8	49.5	63.1	0.2		67.8	50.7	63.2	0.3		67.9	45.0	63.0	0.1		67.7
3.8	0.8		68.5 72.5	53.5 55.5	63.4 67.7	0.5		68.1 72.4	54.8	63.6 67.7	0.6		68.3 72.4	42.7	63.0 67.4	0.0		67.7 72.1
8.9 8.8	0.4		73.6 73.5	56.8 55.0	68.8 68.8	0.3		73.5 73.5	57.6 56.3	68.8 68.8	0.3		73.5 73.5	46.9 47.1	68.5 68.6	0.0		73.2 73.3
9.0 9.2	0.2		73.7 73.9	53.1 52.2	68.9 69.1	0.1		73.6 73.8	55.0 54.5	69.0 69.2	0.2		73.7 73.9	46.7 46.7	68.8 69.0	0.0		73.5 73.7
3.0 4.3	0.0		67.7 69.0	38.7 41.4	63.0 64.3	0.0	<u> </u>	67.7 69.0	41.0 43.8	63.0 64.3	0.0	<u> </u>	67.7 69.0	37.4 40.3	63.0 64.3	0.0		67.7 69.0
6.4 6.7	0.0		71.1 71.4	41.9 42.2	66.4 66.7	0.0		71.1 71.4	44.7 45.0	66.4 66.7	0.0		71.1 71.4	41.7 42.0	66.4 66.7	0.0		71.1 71.4
7.1 8.0	0.0		71.8	42.8 43.9	67.1 68.0	0.0		71.8	45.6 46.8	67.1 68.0	0.0		71.8	42.7 43.9	67.1 68.0	0.0		71.8
3.3 3.2	0.3		68.0 67.9	47.8	63.1 63.1	0.1		67.8 67.8	50.4 49.9	63.2 63.2	0.2		67.9 67.9	36.1	63.0 63.0	0.0		67.7 67.7
3.3	0.3		68.0	47.5	63.1 66.0	0.1		67.8 71.5	49.9	63.2 66. e	0.2		67.9 71.5	37.3	63.0 63.0	0.0		67.7
6.5 5.6	0.0		71.5	38.1 38.5 29.1	66.5 65.6	0.0		71.5	40.8	66.5 65.6	0.0		71.5	37.5	66.5 65.6	0.0		71.5
4.8	0.0		69.5 68.0	39.7 48.4	64.8 63.1	0.0		69.5 67.8	42.6	64.8 63.2	0.0		69.5 67.9	39.4 36.6	64.8 63.0	0.0		69.5 67.7
3.3	0.3		68.0 68.0	48.0	63.1 63.1	0.1		67.8 67.8	50.6	63.2 63.2	0.2		67.9	37.6	63.0 63.0	0.0		67.7
5.9 5.9	0.1		70.6	38.4 39.3	65.8 65.9	0.0		70.5	40.3 41.3	65.8 65.9	0.0		70.5	35.9	65.8 65.9	0.0		70.5 70.6
5.4 5.7	0.0		70.1	40.8	65.4 65.5	0.0		70.1	42.9	65.4 65.6	0.0		70.1	38.7 44.4	65.4 65.3	0.0		70.1
7.1	0.3		71.8 73.5	53.2 57.0	67.0 68.7	0.2		71.7 73.4	55.0 58.4	67.1 68.8	0.3		71.8 73.5	46.6 51.2	66.8 68.5	0.0		71.5 73.2
0.9	0.3		75.6 76.0	58.3 60.1	70.8 71.2	0.2		75.5 75.9	59.6 61.2	70.9 71.3	0.3		75.6 76.0	52.5 54.4	70.7	0.1		75.4 75.7
1.0	0.2		75.7 76.1	56.4 56.4	71.0 71.3	0.2		75.7 76.0	58.1 58.1	71.0 71.4	0.2		75.7 76.1	51.6 51.9	70.9 71.3	0.1		75.6 76.0
1.3 0.9	0.3		76.0 75.6	56.5 57.1	71.2	0.2		75.9 75.6	58.8 59.3	71.3	0.3		76.0 75.7	53.9 51.7	71.1 70.8	0.1		75.8 75.5
u.7 3.0	0.3		75.4	58.7 40.1	70.7 63.0	0.3		75.4	60.3 42.4	70.8	0.4		75.5	51.9	70.5	0.1		75.2
3.0	0.1		67.7	40.9	63.0 62.0	0.0		67.7	43.4 44.3	63.0	0.0		67.7 67.7	39.8 40.8	63.0 63.0	0.0		67.7
3.6	0.5		68.3 70.2	+2.6 50.8 56.6	63.3 74.5	0.0		68.0 79.2	+3.5 53.2 59.0	63.5 74.5	0.1		68.2 79.2	44.6	63.0 74.4	0.0		67.9 79.1
5.0 4.8	0.1		79.7	56.3 56.5	75.0	0.1		79.7	57.8 58.1	75.0	0.1		79.7	49.9	74.9	0.0		79.6 79.4
4.4	0.1	1	79.1	57.1	74.4	0.1	1	79.1	58.7	74.4	0.1	1	79.1	51.8	74.3	0.0	1	79.0

			5 months (demo) P1T1	2 months of Overlap (only 2 months of h PIT1b	noe ram modeled) 8 months (foundation) P112	6 months (superstruture) P173	1 Months (exterior) P1T4	3 months of overlap (ext/int) P1T4b	7 months (int) PITS		4 months (demo) P2T1	1 month of Overlap (demo/excavation) P2T1b	5 months (foundation) P2T2	16 mon	ths (superstructure) 2 Months (exteriors) P2T3 P2T4	4 months of overlap (ext/int) P214b	7 months (interiors) P2T5	_
CadnaA Elev Receptor Sites (fle 045A 005.0G	ation Façade Number 5 045A	Existing         Existing         Least           r         Leq(1)         L10         Const         Tot           73.8         78.5         55.1         73.	al Change Exceed?	L10         Leq           Total         Const         Total         Change         Exce           78.6         57.3         73.9         0.1         0.1	L10         Leq           red?         Total         Const         Total         Change         Exceed?           78.6         55.7         73.9         0.1         Exceed?	L10         Leq           ?         Total         Const         Total         Change         Exceed?           78.6         65.4         74.4         0.6         Exceed?	L10         Leq           Total         Const         Total         Change           79.1         63.7         74.2         0.4	L10         Leq           ed?         Total         Const         Total         Change         Exceed?           78.9         64.8         74.3         0.5         5	L10         Leq           Total         Const         Total         Change         E           79.0         60.5         74.0         0.2         E	Exceed? Total Con 78.7 55.3	Leq         L10           ist         Total         Change         Exceed?         Total           3         73.9         0.1         78.6	Leq         L10           I         Const         Total         Change         Exceed?         Total           i         61.4         74.0         0.2         78.7	Leq         L10           Const         Total         Change         Exceed?         Total           57.7         73.9         0.1         78.1	Leq Const Total 6 60.7 74.0	L10         Leq           Change         Exceed?         Total         Const         Total         Change         Exceed?           0.2         78.7         58.6         73.9         0.1         1	L10         Leq           Total         Const         Total         Change         Exceed?           78.6         60.1         74.0         0.2         0.2	L10         Leq         L           Total         Const         Total         Change         Exceed?         Total           78.7         53.0         73.8         0.0         77         77	.10 otal 78.5
0458 001.0G 0458 001.0G 0458 002.0G 0458 003.0G	5 045A 1 045B 2 045B 3 045B	73.4 78.1 56.3 73. 63.0 67.7 44.8 63. 63.8 68.5 46.3 63. 64.4 69.1 46.9 64	5 0.1 0 0.1 9 0.1 5 0.1	78.2         58.0         73.5         0.1           67.7         48.0         63.1         0.1           68.6         49.5         64.0         0.2           69.2         50.1         64.6         0.2	78.2 56.9 73.5 0.1 67.8 46.3 63.0 0.1 68.7 47.8 63.9 0.1 69.3 48.3 64.5 0.1	78.2 65.5 74.1 0.7 67.7 52.6 63.3 0.4 68.6 53.3 64.2 0.4 69.2 56.0 65.0 0.6	78.8 63.7 73.8 0.4 68.0 50.6 63.2 0.2 68.9 51.6 64.1 0.3 69.7 51.1 64.6 0.2	78.5 64.9 74.0 0.6 67.9 51.5 63.3 0.3 68.8 52.5 64.1 0.3 69.3 51.9 64.6 0.2	78.7 60.5 73.6 0.2 68.0 45.2 63.0 0.1 68.8 46.3 63.9 0.1 69.3 47.3 64.5 0.1	78.3 56.7 67.7 46.4 68.6 47.7 69.2 48.5	7 73.5 0.1 78.2 4 63.0 0.1 67.7 7 63.9 0.1 68.6 3 64.5 0.1 69.2	62.6         73.7         0.3         78.4           50.5         63.2         0.2         67.9           i         51.8         64.1         0.3         68.8           52.4         64.7         0.3         69.4	59.9         73.6         0.2         78.3           46.2         63.0         0.1         67.3           47.6         63.9         0.1         68.3           48.1         64.5         0.1         68.3	61.5 73.7 46.2 63.0 47.5 63.9 48.2 64.5	0.3 78.4 59.3 73.6 0.2 0.1 67.7 43.4 63.0 0.0 0.1 68.6 44.7 63.9 0.1 0.1 69.2 45.4 66.5 0.1	78.3         61.1         73.6         0.2           67.7         46.3         63.0         0.1           68.6         47.6         63.9         0.1           69.2         48.3         64.5         0.1	78.3         55.5         73.5         0.1         77           67.7         43.1         63.0         0.0         6           68.6         44.4         63.8         0.0         6           69.2         45.1         64.5         0.1         6	8.2 7.7 58.5 69.2
0458 004.0G 0458 005.0G 0458 006.0G	4 0458 5 0458 6 0458	64.6 69.3 47.2 64. 64.0 68.7 47.2 64. 63.9 68.6 47.1 64.	7 0.1 1 0.1 0 0.1	69.4         50.5         64.8         0.2           68.8         50.1         64.2         0.2           68.7         49.9         64.1         0.2	69.5 48.7 64.7 0.1 68.9 48.2 64.1 0.1 68.8 47.9 64.0 0.1	69.4         56.4         65.2         0.6           68.8         55.4         64.6         0.6           68.7         48.8         64.0         0.1	69.9         51.5         64.8         0.2           69.3         48.6         64.1         0.1           68.7         46.0         64.0         0.1	69.5 52.2 64.8 0.2 68.8 49.9 64.2 0.2 68.7 48.5 64.0 0.1	69.5 47.3 64.7 0.1 68.9 47.8 64.1 0.1 68.7 45.4 64.0 0.1	69.4 48.1 68.8 47.9 68.7 48.2	1 64.7 0.1 69.4 9 64.1 0.1 68.8 2 64.0 0.1 68.7	52.2         64.8         0.2         69.5           52.0         64.3         0.3         69.0           52.3         64.2         0.3         68.9	48.4         64.7         0.1         69.           47.6         64.1         0.1         68.           47.5         64.0         0.1         68.	4 48.1 64.7 8 47.9 64.1 7 48.3 64.0	0.1 69.4 45.3 64.7 0.1 0.1 68.8 45.1 64.1 0.1 0.1 68.7 45.3 64.0 0.1	69.4         48.1         64.7         0.1           68.8         47.9         64.1         0.1           68.7         48.3         64.0         0.1	69.4         44.9         64.6         0.0         6           68.8         44.7         64.1         0.1         6           68.7         45.0         64.0         0.1         6	9.3 38.8 68.7
045C 002.OG 045C 003.OG 045C 004.OG	2 045C 3 045C 4 045C	63.0 67.7 45.3 63. 63.7 68.4 47.3 63. 65.1 69.8 48.8 65.	0 0.1 8 0.1 2 0.1	67.7 45.8 63.0 0.1 68.5 48.3 63.8 0.1 69.9 49.8 65.2 0.1	67.7 45.9 63.0 0.1 68.5 47.9 63.8 0.1 69.9 49.7 65.2 0.1 69.9 49.7 65.2 0.1	67.7         62.8         65.9         2.9           68.5         62.6         66.2         2.5           69.9         63.5         67.4         2.3	70.6         60.7         65.0         2.0           70.9         60.5         65.4         1.7           72.1         60.5         66.4         1.3	69.7 61.7 65.4 2.4 70.1 61.1 65.6 1.9 71.1 61.0 66.5 1.4 70.2 61.0 60.5 1.4	70.1         57.6         64.1         1.1           70.3         57.7         64.7         1.0           71.2         57.5         65.8         0.7	68.8 45.0 69.4 45.8 70.5 46.7	0 63.0 0.1 67.7 8 63.8 0.1 68.5 7 65.2 0.1 69.9	49.4         63.1         0.2         67.8           5         50.0         63.9         0.2         68.6           5         50.8         65.3         0.2         70.0	44.4         63.0         0.1         67.           45.1         63.8         0.1         68.           45.9         65.2         0.1         69.	47.6 63.1 48.1 63.8 48.6 65.2	0.1         67.8         41.8         63.0         0.0           0.1         68.5         42.7         63.7         0.0           0.1         69.9         43.5         65.1         0.0	67.7         47.6         63.1         0.1           68.4         48.2         63.8         0.1           69.8         48.7         65.2         0.1	67.8         41.5         63.0         0.0         6           68.5         42.6         63.7         0.0         6           69.9         43.4         65.1         0.0         6	7.7 \$8.4 69.8
045C 005.0G 045C 006.0G 045D 001.0G 045D 002.0G	5 045C 6 045C 1 045D 2 045D	67.2 71.9 51.4 67. 67.3 72.0 53.1 67. 70.5 75.2 52.2 70. 71.0 75.7 52.5 71.	3 0.1 5 0.2 6 0.1 1 0.1	72.0 52.2 67.3 0.1 72.2 53.5 67.5 0.2 75.3 56.1 70.7 0.2 75.8 56.4 71.1 0.1	72.0 52.1 67.5 0.1 72.2 53.6 67.5 0.2 75.4 53.9 70.6 0.1 75.8 54.2 71.1 0.1	72.0 63.6 68.8 1.6 72.2 63.6 68.8 1.5 75.3 53.6 70.6 0.1 75.8 54.2 71.1 0.1	73.5 60.5 68.0 0.8 73.5 60.5 68.1 0.8 75.3 49.9 70.5 0.0 75.8 50.2 71.0 0.0	72.7 61.0 68.1 0.9 72.8 61.1 68.2 0.9 75.2 52.6 70.6 0.1 75.7 52.9 71.1 0.1	72.8 57.4 67.7 0.4 72.9 57.4 67.7 0.4 75.3 49.4 70.5 0.0 75.8 49.7 71.0 0.0	72.3 48.0 72.4 48.2 75.2 53.8 75.7 54.1	0 67.3 0.1 72.0 2 67.4 0.1 72.1 8 70.6 0.1 75.3 1 71.1 0.1 75.8	52.0 67.4 0.1 72.0 52.2 67.4 0.1 72.1 59.2 70.8 0.3 75.5 59.5 71.3 0.3 76.0	47.3         67.2         0.0         11.3           47.7         67.3         0.0         72.1           57.0         70.7         0.2         75.5           57.3         71.2         0.2         75.5	49.4 67.3 49.4 67.4 55.7 70.6 55.9 71.1	0.1 72.0 44.7 67.2 0.0 0.1 72.1 45.7 67.3 0.0 0.1 75.3 52.1 70.6 0.1 0.1 75.8 52.4 71.1 0.1	71.9 49.5 67.3 0.1 72.0 50.3 67.4 0.1 75.3 55.0 70.6 0.1 75.8 55.3 71.1 0.1	72.0 44.6 67.3 0.0 7. 72.1 44.6 67.3 0.0 7. 75.3 51.9 70.6 0.1 7. 75.8 52.1 71.1 0.1 7.	1.9 '2.0 75.3 75.8
045D 003.0G 045D 004.0G 045D 005.0G	3 045D 4 045D 5 045D	70.9         75.6         52.2         71.           70.6         75.3         51.7         70.           70.3         75.0         51.3         70.	0 0.1 7 0.1 4 0.1	75.7 56.0 71.0 0.1 75.4 55.5 70.7 0.1 75.1 55.1 70.4 0.1	75.7 53.9 71.0 0.1 75.4 53.4 70.7 0.1 75.1 53.0 70.4 0.1	75.7         53.8         71.0         0.1           75.4         52.7         70.7         0.1           75.1         52.1         70.4         0.1	75.7         50.2         70.9         0.0           75.4         49.6         70.6         0.0           75.1         49.5         70.3         0.0	75.6 52.7 71.0 0.1 75.3 52.1 70.7 0.1 75.0 51.8 70.4 0.1	75.7         49.5         70.9         0.0           75.4         49.0         70.6         0.0           75.1         48.6         70.3         0.0	75.6 53.5 75.3 53.8 75.0 54.5	9 71.0 0.1 75.7 8 70.7 0.1 75.4 9 70.4 0.1 75.1	59.4         71.2         0.3         75.9           59.3         70.9         0.3         75.6           60.5         70.7         0.4         75.4	57.1         71.1         0.2         75.3           57.3         70.8         0.2         75.3           58.7         70.6         0.3         75.3	56.3         71.0           5         56.3         70.8           5         57.2         70.5	0.1 75.7 53.7 71.0 0.1 0.2 75.5 53.7 70.7 0.1 0.2 75.2 54.3 70.4 0.1	75.7         56.0         71.0         0.1           75.4         56.0         70.7         0.1           75.1         56.9         70.5         0.2	75.7         52.1         71.0         0.1         7           75.4         52.2         70.7         0.1         7           75.2         53.7         70.4         0.1         7	5.7 /5.4 75.1
045D 006.0G 046A 001.0G 046A 002.0G	6 045D 1 046A 2 046A 2 046A	70.0 74.7 51.0 70. 74.2 78.9 51.4 74. 74.7 79.4 52.6 74. 74.2 79.0 52.4 74.	1 0.1 2 0.0 7 0.0	74.8         54.7         70.1         0.1           78.9         54.9         74.3         0.1           79.4         55.7         74.8         0.1           70.0         56.0         74.4         0.1	74.8 52.7 70.1 0.1 79.0 53.1 74.2 0.0 79.5 53.9 74.7 0.0 79.1 54.4 74.2 0.0	74.8         52.5         70.1         0.1           78.9         62.1         74.5         0.3           79.4         64.1         75.1         0.4           79.0         65.9         74.9         0.6	74.8         49.5         70.0         0.0           79.2         60.9         74.4         0.2           79.8         62.3         74.9         0.2           79.6         64.1         74.7         0.4	74.7 51.7 70.1 0.1 79.1 61.0 74.4 0.2 79.6 63.1 75.0 0.3 79.4 64.8 74.8 0.5	74.8 48.7 70.0 0.0 79.1 56.2 74.3 0.1 79.7 58.3 74.8 0.1 79.5 60.1 74.5 0.2	74.7 55.5 79.0 51.2 79.5 51.7 79.2 51.5	5 70.2 0.2 74.9 2 74.2 0.0 78.9 7 74.7 0.0 79.4 5 74.2 0.0 79.4	61.8         70.6         0.6         75.3           55.3         74.3         0.1         79.0           55.9         74.8         0.1         79.5           55.8         74.4         0.1         79.5	59.5         70.4         0.4         75.           52.8         74.2         0.0         78.           53.4         74.7         0.0         79.           53.2         74.2         0.0         79.	59.0 70.3 59.4 74.3 58.8 74.8 59.9 74.4	0.3 75.0 55.7 70.2 0.2 0.1 79.0 55.1 74.3 0.1 0.1 79.5 54.5 74.7 0.0 0.1 79.5 54.5 74.7 0.0	74.9         58.2         70.3         0.3           79.0         57.9         74.3         0.1           79.4         57.4         74.8         0.1           79.0         57.4         74.4         0.1	75.0         54.5         70.1         0.1         7           79.0         48.0         74.2         0.0         7           79.5         48.5         74.7         0.0         7           79.1         48.5         74.7         0.0         7	4.8 79.4 79.0
046A 005.0G 046A 005.0G 046B 002.0G	4 046A 5 046A 2 046B	73.8 78.5 54.5 73. 73.3 78.0 56.2 73. 63.0 67.7 42.9 63.	9 0.1 4 0.1 0 0.0	78.6 57.0 73.9 0.1 78.1 58.3 73.4 0.1 67.7 44.0 63.0 0.1	78.1 57.5 73.9 0.1 78.1 57.5 73.4 0.1 67.7 43.6 63.0 0.1	78.6 66.0 74.5 0.7 78.1 66.0 74.0 0.7 67.7 57.2 64.0 1.0	79.2         64.3         74.3         0.5           78.7         63.9         73.8         0.5           68.7         56.9         63.9         1.0	79.0 64.9 74.3 0.5 78.5 64.7 73.9 0.6 68.6 57.6 64.1 1.1	79.0 60.4 74.0 0.2 78.6 60.4 73.5 0.2 68.8 54.9 63.6 0.6	78.7 51.5 78.2 51.5 68.3 47.1	5 73.8 0.0 78.5 9 73.3 0.0 78.0 1 63.1 0.1 67.8	553 73.9 0.1 78.6 571 73.4 0.1 78.1 51.5 63.3 0.3 68.0	53.7         73.8         0.0         78.1           54.5         73.4         0.1         78.1           44.8         63.0         0.1         67.1	59.0 73.9 59.4 73.5 7 47.2 63.1	0.1 78.6 54.6 73.9 0.1 0.2 78.2 54.9 73.4 0.1 0.1 67.8 44.4 63.0 0.1	78.6         57.5         73.9         0.1           78.1         57.8         73.4         0.1           67.7         47.1         63.1         0.1	78.6 48.7 73.8 0.0 77 78.1 49.0 73.3 0.0 77 67.8 43.9 63.0 0.1 6	8.5 78.0 67.7
0468 003.OG 0468 004.OG 0468 005.OG	3 0468 4 0468 5 0468	63.0 67.7 43.7 63. 63.0 67.7 44.5 63. 63.0 67.7 45.3 63.	0 0.1 0 0.1 0 0.1	67.7 45.0 63.0 0.1 67.7 46.5 63.0 0.1 67.7 47.4 63.1 0.1 67.7 47.4 63.1 0.1	67.7 43.8 63.0 0.1 67.7 44.7 63.0 0.1 67.8 46.0 63.0 0.1 67.8 46.0 63.0 0.1	67.7 55.8 63.7 0.8 67.7 56.8 63.9 0.9 67.7 57.1 64.0 1.0	68.4         55.6         63.7         0.7           68.6         56.0         63.7         0.8           68.7         56.6         63.9         0.9	68.4         56.7         63.9         0.9           68.4         57.1         64.0         1.0           68.6         57.4         64.0         1.1           69.6         69.6         69.6         69.6	68.6 52.9 63.4 0.4 68.7 53.2 63.4 0.4 68.7 53.8 63.4 0.5	68.1 47.5 68.1 48.8 68.1 49.6	9 63.1 0.1 67.8 8 63.1 0.2 67.8 6 63.1 0.2 67.8	1         52.2         63.3         0.4         68.0           1         53.2         63.4         0.4         68.1           1         54.0         63.5         0.5         68.2	45.3 63.0 0.1 67. 46.4 63.0 0.1 67. 48.5 63.1 0.2 67.	48.1         63.1           49.0         63.1           50.0         63.2	0.1 67.8 45.3 63.0 0.1 0.2 67.8 46.0 63.0 0.1 0.2 67.9 46.9 63.1 0.1	67.7         48.1         63.1         0.1           67.7         48.9         63.1         0.2           67.8         49.8         63.2         0.2	67.8         44.8         63.0         0.1         6           67.8         45.8         63.0         0.1         6           67.9         46.8         63.1         0.1         6	7.7 57.7 67.8
046C 005.0G 046C 005.0G 046D 002.0G	4 046C 5 046C 2 046D	64.7 69.4 51.0 64. 66.7 71.4 53.4 66. 63.6 68.3 47.0 63.	9 0.2 9 0.2 7 0.1	07.5 46.5 05.1 0.1 69.6 51.8 64.9 0.2 71.6 54.5 67.0 0.3 68.4 48.5 63.7 0.1	69.5 47.8 05.1 0.1 69.6 50.9 64.9 0.2 71.7 53.9 66.9 0.2 68.4 47.3 63.7 0.1	07.8         05.5         00.5         5.3         125           69.6         64.5         67.6         2.9           71.6         64.5         68.7         2.0           68.4         60.8         65.4         1.8	71.2 60.4 66.2 1.5 72.3 60.8 66.2 1.5 73.4 59.9 67.5 0.8 70.1 60.3 65.3 1.7	00.6         00.5         05.1         2.1           70.9         61.2         66.3         1.6           72.2         60.5         67.6         0.9           70.0         61.5         65.7         2.1	05.8         57.2         04.0         1.0           71.0         57.7         65.2         0.8           72.3         57.7         67.2         0.5           70.4         55.8         64.3         0.7	70.2 47.1 71.9 48.5 69.0 46.8	4 05.0 0.1 07.7 7 64.8 0.1 69.5 5 66.8 0.1 71.5 8 63.7 0.1 68.4	50.5 65.2 0.2 67.5 51.8 64.9 0.2 69.6 52.6 66.9 0.2 71.6 51.9 63.9 0.3 68.6	45.2 64.8 0.1 07. 46.2 64.8 0.1 69. 47.4 66.8 0.1 71. 48.3 63.7 0.1 68.	43.9 63.0 47.2 64.8 48.0 66.8 56.1 64.3	0.1 69.7 42.5 65.0 0.0 0.1 69.5 44.2 64.7 0.0 0.1 71.5 45.0 66.7 0.0 0.7 69.0 53.5 64.0 0.4	67.7         43.8         63.0         0.1           69.4         47.2         64.8         0.1           71.4         48.0         66.8         0.1           68.7         55.0         64.2         0.6	67.7         42.3         65.0         0.0         0           69.5         43.9         64.7         0.0         6           71.5         44.8         66.7         0.0         7           68.9         43.9         63.6         0.0         6	0.4 /1.4 68.3
046D 003.0G 046D 004.0G 046D 005.0G	3 046D 4 046D 5 046D	68.7 73.4 48.6 68. 68.7 73.4 50.0 68. 68.6 73.3 52.1 68.	7 0.0 8 0.1 7 0.1	73.4         51.1         68.8         0.1           73.5         52.3         68.8         0.1           73.4         53.4         68.7         0.1	73.5         49.3         68.7         0.0           73.5         50.7         68.8         0.1           73.4         52.2         68.7         0.1	73.4         60.8         69.4         0.7           73.5         60.9         69.4         0.7           73.4         60.9         69.3         0.7           73.4         60.9         69.3         0.7	74.1         59.9         69.2         0.5           74.1         60.0         69.2         0.5           74.0         59.8         69.1         0.5	73.9         61.2         69.4         0.7           73.9         61.3         69.4         0.7           73.8         61.1         69.3         0.7	74.1         55.3         68.9         0.2           74.1         55.4         68.9         0.2           74.0         55.5         68.8         0.2	73.6 48.4 73.6 49.2 73.5 49.2	4 68.7 0.0 73.4 2 68.7 0.0 73.4 4 68.7 0.1 73.4	1         53.9         68.8         0.1         73.5           1         56.2         68.9         0.2         73.6           1         57.7         68.9         0.3         73.6	50.5         68.8         0.1         73.1           53.0         68.8         0.1         73.1           54.7         68.8         0.2         73.1	56.4 68.9 56.9 69.0 57.4 68.9	0.2         73.6         53.8         68.8         0.1           0.3         73.7         54.4         68.9         0.2           0.3         73.6         55.1         68.8         0.2	73.5         55.4         68.9         0.2           73.6         55.9         68.9         0.2           73.5         56.5         68.9         0.3	73.6         45.4         68.7         0.0         7.           73.6         46.0         68.7         0.0         7.           73.6         46.1         68.6         0.0         7.           73.6         46.1         68.6         0.0         7.	3.4 /3.4 /3.3
047A 001.0G 047A 002.0G 047A 003.0G 047A 004.0G	2 047A 2 047A 3 047A 4 047A	74.3 79.0 51.3 74. 74.8 79.5 52.2 74. 74.5 79.2 52.5 74. 74.1 78.8 53.0 74.	3 0.0 8 0.0 5 0.0 1 0.0	79.0 55.0 74.4 0.1 79.5 55.6 74.9 0.1 79.2 55.7 74.6 0.1 78.8 56.0 74.2 0.1	79.1 52.9 74.3 0.0 79.6 53.5 74.8 0.0 79.3 53.7 74.5 0.0 78.9 54.1 74.1 0.0	79.0 60.0 74.5 0.2 79.5 62.4 75.0 0.2 79.2 62.8 74.8 0.3 78.8 63.9 74.5 0.4	79.2 56.8 74.4 0.1 79.7 59.5 74.9 0.1 79.5 60.0 74.7 0.2 79.2 60.0 74.3 0.2	79.1 58.3 74.4 0.1 79.6 61.0 75.0 0.2 79.4 61.4 74.7 0.2 79.0 61.4 74.3 0.2	79.1 51.9 74.3 0.0 79.7 54.1 74.8 0.0 79.4 54.8 74.5 0.0 79.0 54.9 74.2 0.1	79.0 51.8 79.5 52.4 79.2 52.5 78.9 52.6	8 74.3 0.0 79.0 4 74.8 0.0 79.5 5 74.5 0.0 79.2 6 74.1 0.0 78.8	55.9 74.4 0.1 79.1 56.4 74.9 0.1 79.6 56.6 74.6 0.1 79.3 56.8 74.2 0.1 78.9	52.8         74.3         0.0         79.1           53.3         74.8         0.0         79.1           53.3         74.5         0.0         79.1           53.3         74.5         0.0         79.1           53.3         74.1         0.0         78.1	59.4 74.4 58.5 74.9 58.5 74.6 58.6 74.2	0.1 79.1 55.3 74.4 0.1 0.1 79.6 54.5 74.8 0.0 0.1 79.3 54.6 74.5 0.0 0.1 78.9 54.6 74.1 0.0	79.1         57.6         74.4         0.1           79.5         56.9         74.9         0.1           79.2         56.9         74.6         0.1           78.8         57.0         74.2         0.1	79.1         48.8         74.3         0.0         77           79.6         49.3         74.8         0.0         77           79.3         49.4         74.5         0.0         77           78.9         49.5         74.1         0.0         77	9.0 9.5 79.2 78.8
047B 001.OG 047B 002.OG 047B 003.OG	1 0478 2 0478 3 0478	63.0         67.7         42.3         63.           63.0         67.7         43.4         63.           63.0         67.7         43.9         63.	0 0.0 0 0.0 0 0.1	67.7         43.4         63.0         0.0           67.7         44.3         63.0         0.1           67.7         44.8         63.0         0.1	67.7         42.7         63.0         0.0           67.7         43.2         63.0         0.0           67.7         43.7         63.0         0.1	67.7         48.1         63.1         0.1           67.7         48.9         63.1         0.2           67.7         52.3         63.3         0.4	67.8         47.3         63.1         0.1           67.8         48.7         63.1         0.2           68.0         52.7         63.3         0.4	67.8         47.7         63.1         0.1           67.8         49.0         63.1         0.2           68.0         52.8         63.4         0.4	67.8         46.7         63.1         0.1           67.8         47.9         63.1         0.1           68.1         51.9         63.3         0.3	67.8 41.4 67.8 42.1 68.0 42.9	4 63.0 0.0 67.7 1 63.0 0.0 67.7 9 63.0 0.0 67.7	46.4         63.0         0.1         67.7           46.9         63.1         0.1         67.8           47.6         63.1         0.1         67.8	41.6         63.0         0.0         67.1           42.0         63.0         0.0         67.1           42.8         63.0         0.0         67.1	41.6 63.0 42.0 63.0 42.5 63.0	0.0         67.7         39.2         63.0         0.0           0.0         67.7         39.6         63.0         0.0           0.0         67.7         40.0         63.0         0.0	67.7         41.5         63.0         0.0           67.7         41.9         63.0         0.0           67.7         42.4         63.0         0.0	67.7         37.5         63.0         0.0         6           67.7         38.0         63.0         0.0         6           67.7         38.6         63.0         0.0         6	.7.7 37.7 67.7
047B 004.OG 048A 001.OG 048A 002.OG	4 047B 1 048A 2 048A 2 048A	63.0 67.7 45.0 63. 74.3 79.0 51.2 74. 74.8 79.5 51.8 74. 74.6 79.2 51.9 74.	0 0.1 3 0.0 8 0.0	67.7 45.8 63.0 0.1 79.0 55.0 74.4 0.1 79.5 55.6 74.9 0.1 70.2 55.6 74.7 0.1	67.7 45.2 63.0 0.1 79.1 52.9 74.3 0.0 79.6 53.4 74.8 0.0 79.6 53.4 74.8 0.0	67.7 52.9 63.4 0.4 79.0 58.2 74.4 0.1 79.5 58.1 74.9 0.1 79.2 59.1 74.9 0.1	68.1 52.5 63.3 0.4 79.1 55.8 74.4 0.1 79.6 55.9 74.9 0.1 79.4 56.1 74.7 0.1	68.0 55.1 63.6 0.7 79.1 57.5 74.4 0.1 79.6 57.8 74.9 0.1 79.4 57.9 74.9 0.1	68.3 49.8 63.2 0.2 79.1 51.8 74.3 0.0 79.6 52.2 74.8 0.0 79.6 52.2 74.8 0.0	67.9 43.5 79.0 51.4 79.5 52.0 79.2 52.2	5         63.0         0.0         67.7           4         74.3         0.0         79.0           0         74.8         0.0         79.2           2         74.6         0.0         79.2	48.2         63.1         0.1         67.8           0         55.5         74.4         0.1         79.1           i         56.1         74.9         0.1         79.6           i         56.2         74.7         0.1         79.6	43.4         63.0         0.0         67.           53.0         74.3         0.0         79.           53.5         74.8         0.0         79.           52.5         74.6         0.0         79.	43.3 63.0 58.8 74.4 558.0 74.9 57.9 74.9	0.0         67.7         40.6         63.0         0.0           0.1         79.1         54.7         74.3         0.0           0.1         79.6         54.0         74.8         0.0           0.1         79.4         52.9         74.6         0.0	67.7 43.0 63.0 0.0 79.0 57.0 74.4 0.1 79.5 56.4 74.9 0.1 79.2 56.2 74.7 0.1	67.7         39.3         63.0         0.0         6           79.1         48.4         74.3         0.0         7           79.6         49.0         74.8         0.0         7           79.4         49.1         74.6         0.0         7	7.7 .9.0 79.5
0488 004.0G 0488 001.0G 0488 002.0G	4 048A 1 048B 2 048B	74.3 79.0 51.8 74. 63.0 67.7 43.2 63. 63.0 67.7 43.8 63.	3 0.0 0 0.0 0 0.1	75.0 55.4 74.4 0.1 67.7 45.1 63.0 0.1 67.7 45.7 63.0 0.1	79.4         53.5         74.6         6.5           79.1         53.4         74.3         0.0           67.7         44.0         63.0         0.1           67.7         44.6         63.0         0.1	79.0         58.6         74.4         0.1           67.7         42.2         63.0         0.0           67.7         54.7         63.6         0.6	79.1 56.7 74.4 0.1 67.7 41.2 63.0 0.0 68.3 52.1 63.3 0.3	79.1         58.6         74.4         0.1           67.7         42.7         63.0         0.0           68.0         53.5         63.4         0.5	79.1         52.9         74.3         0.0           67.7         38.7         63.0         0.0           68.1         46.7         63.1         0.1	79.0 52.4 67.7 42.6 67.8 43.0	74.0         0.0         79.0           4         74.3         0.0         79.0           6         63.0         0.0         67.7           0         63.0         0.0         67.7	305         74.7         0.1         79.1           1         56.6         74.4         0.1         79.1           1         47.3         63.1         0.1         67.8           1         47.6         63.1         0.1         67.8	53.4         74.3         0.0         79.9           44.5         63.0         0.1         67.7           44.8         63.0         0.1         67.7	58.0 74.4 57.1 64.0 56.1 63.8	0.1 79.4 53.9 74.3 0.0 0.1 79.1 54.0 74.3 0.0 1.0 68.7 52.8 63.4 0.4 0.8 68.5 51.8 63.3 0.3	79.0         56.4         74.4         0.1           68.1         54.8         63.6         0.6           68.0         53.8         63.4         0.5	79.1         49.4         74.3         0.0         7           68.3         37.7         63.0         0.0         6           68.1         38.3         63.0         0.0         6	9.0 37.7 67.7
0488 003.0G 0488 004.0G 049A 001.0G	3 048B 4 048B 1 049A	63.0 67.7 44.7 63. 63.0 67.7 45.9 63. 73.7 76.5 52.7 73. 74.2 73.0 51.4 74	0 0.1 0 0.1 7 0.0	67.7         46.6         63.0         0.1           67.7         47.7         63.1         0.1           76.5         56.6         73.8         0.1	67.7 45.6 63.0 0.1 67.8 46.8 63.1 0.1 76.6 54.4 73.8 0.1	67.7 54.7 63.6 0.6 67.8 54.9 63.6 0.6 76.6 58.1 73.8 0.1	68.3         52.3         63.3         0.4           68.3         53.4         63.4         0.5           76.6         55.6         73.8         0.1           77.1         77.5         74.0         0.1	68.0 53.7 63.4 0.5 68.1 54.4 63.5 0.6 76.6 57.9 77.38 0.1	68.1         46.9         63.1         0.1           68.2         47.2         63.1         0.1           76.6         53.0         73.7         0.0	67.8 43.5 67.8 44.5 76.5 53.2	9 63.0 0.1 67.7 5 63.0 0.1 67.7 2 73.7 0.0 76.5 8 74.2 0.0 77.0	48.3         63.1         0.1         67.8           48.9         63.1         0.2         67.8           57.2         73.8         0.1         76.6           57.2         73.2         0.1         76.6	45.5 63.0 0.1 67. 46.1 63.0 0.1 67. 54.4 73.8 0.1 76. 54.7 75.8 0.1 76. 54.7 75.8 0.1 76. 55.7 75.8 0.1 77. 55.7 75.8 0.1 77. 55.8 0.1 77. 57.8 0.1	55.7 63.7 55.7 63.7 55.6 73.8 58.6 73.8	0.7         68.4         51.4         63.2         0.3           0.7         68.4         51.4         63.2         0.3           0.1         76.6         54.7         73.8         0.1	67.9 53.5 63.4 0.5 67.9 53.6 63.4 0.5 76.6 57.1 73.8 0.1	68.1         39.0         63.0         0.0         6           68.1         39.7         63.0         0.0         6           76.6         50.1         73.7         0.0         7           77.1         60.0         7         7         0.0         7	7.7
049A 003.0G 049A 004.0G 049B 003.0G	3 049A 4 049A 3 049B	74.0 76.8 53.3 74. 73.6 76.4 53.0 73. 63.0 65.8 43.4 63.	0 0.0 6 0.0 0 0.0	76.8 57.2 74.1 0.1 76.4 56.9 73.7 0.1 65.8 46.2 63.0 0.1	76.5 54.7 73.7 0.1 65.8 44.5 63.0 0.1	76.9 58.0 74.1 0.1 76.5 58.0 73.7 0.1 65.8 55.5 63.7 0.7	76.9 55.8 74.1 0.1 76.5 55.9 73.7 0.1 66.5 52.9 63.4 0.4	76.9 58.1 74.1 0.1 76.5 58.2 73.7 0.1 66.2 54.8 63.6 0.6	76.5 53.3 74.0 0.0 66.4 50.0 63.2 0.2	76.8 53.8 76.4 53.8 66.0 51.2	3         74.0         0.0         76.8           8         73.6         0.0         76.4           2         63.2         0.3         66.0	57.8         74.1         0.1         76.9           57.7         73.7         0.1         76.5           55.2         63.6         0.7         66.4	55.0         74.1         0.1         76.1           54.7         73.7         0.1         76.1           43.8         63.0         0.1         65.1	57.8 74.1 57.8 73.7 557.8 73.7 556.2 63.8	0.1 76.5 54.0 73.6 0.0 0.1 76.5 54.0 73.6 0.0 0.8 66.6 52.3 63.3 0.4	76.8 56.6 74.1 0.1 76.4 56.5 73.7 0.1 66.1 54.7 63.6 0.6	76.9 50.7 74.0 0.0 77 76.5 50.7 73.6 0.0 77 66.4 48.1 63.1 0.1 66	6.8 /6.4 65.9
0498 004.0G 049C 001.0G 049C 002.0G	4 0498 1 049C 2 049C	64.0 66.8 48.1 64. 72.7 75.5 55.4 72. 72.7 75.5 55.2 72. 73.4 75.2 55.2 72.	1 0.1 8 0.1 8 0.1	66.9         51.6         64.2         0.2           75.6         59.3         72.9         0.2           75.6         59.1         72.9         0.2	67.0         49.7         64.2         0.2           75.7         57.2         72.8         0.1           75.7         56.9         72.8         0.1           77         56.9         72.8         0.1	67.0 55.7 64.6 0.6 75.6 55.8 72.8 0.1 75.6 55.6 72.8 0.1	67.4         53.5         64.4         0.4           75.6         52.8         72.7         0.0           75.6         52.6         72.7         0.0	67.2 55.2 64.5 0.5 75.5 55.7 72.8 0.1 75.5 55.6 72.8 0.1	67.3 50.4 64.2 0.2 75.6 52.7 72.7 0.0 75.6 52.6 72.7 0.0	67.0 51.6 75.5 55.7 75.5 55.7	6 64.2 0.2 67.0 7 72.8 0.1 75.6 6 72.8 0.1 75.6	55.6         64.6         0.6         67.4           i         59.7         72.9         0.2         75.7           i         59.6         72.9         0.2         75.7           i         59.6         72.9         0.2         75.7	49.3         64.1         0.1         66.3           57.1         72.8         0.1         75.1           56.9         72.8         0.1         75.5           56.9         72.8         0.1         75.5	56.4 64.7 55.7 72.8 55.5 72.8	0.7         67.5         52.5         64.3         0.3           0.1         75.6         52.7         72.7         0.0           0.1         75.6         52.5         72.7         0.0           0.1         75.6         52.5         72.7         0.0	67.1         54.9         64.5         0.5           75.5         55.7         72.8         0.1           75.5         55.5         72.8         0.1	67.3         48.5         64.1         0.1         6           75.6         52.7         72.7         0.0         7           75.6         52.5         72.7         0.0         7           75.7         52.5         72.7         0.0         7	6.9 /5.5 75.5
049C 003.0G 050A 001.0G 050A 002.0G	4 049C 1 050A 2 050A	72.4 75.2 34.6 72. 72.0 74.8 54.0 72. 63.0 67.7 41.6 63. 63.0 67.7 43.1 63.	5 0.1 1 0.1 0 0.0 0 0.0	73.3 58.5 72.6 0.2 74.9 58.0 72.2 0.2 67.7 42.2 63.0 0.0 67.7 43.4 63.0 0.0	75.4 56.4 72.5 0.1 75.0 55.9 72.1 0.1 67.7 41.6 63.0 0.0 67.7 42.6 63.0 0.0	73.3 53.2 72.3 0.1 74.9 54.8 72.1 0.1 67.7 55.6 63.7 0.7 67.7 55.7 63.7 0.7	73.3 32.2 72.4 0.0 74.9 51.9 72.0 0.0 68.4 52.3 63.3 0.4 68.4 52.8 63.4 0.4	74.8 54.8 72.1 0.1 68.0 53.9 63.5 0.5 68.1 54.5 63.5 0.6	74.9 51.8 72.0 0.0 68.2 48.1 63.1 0.1 68.2 50.2 63.2 0.2	74.8 54.8 67.8 40.0 67.9 40.5	1         72.3         0.1         75.3           8         72.1         0.1         74.9           0         63.0         0.0         67.7           9         63.0         0.0         67.7	35.1         72.0         0.2         73.4           1         58.8         72.2         0.2         75.0           '         44.9         63.0         0.1         67.7           '         45.5         63.0         0.1         67.7	36.3         72.3         0.1         73.3           55.8         72.1         0.1         74.3           41.7         63.0         0.0         67.3           42.1         63.0         0.0         67.3	54.7 72.1 56.0 63.7 54.9 63.6	0.1 73.3 52.1 72.4 0.0 0.1 74.9 51.7 72.0 0.0 0.8 68.4 53.4 63.4 0.5 0.6 68.3 52.2 63.3 0.4	73.2 53.1 72.3 0.1 74.8 54.7 72.1 0.1 68.1 55.4 63.7 0.7 68.0 54.3 63.5 0.6	74.9 51.7 72.0 0.0 7 68.4 35.8 63.0 0.0 6 68.2 36.4 63.0 0.0 6	9.2 14.8 57.7 67.7
050A 003.OG 050B 001.OG 050B 002.OG	3 050A 1 050B 2 050B	63.0         67.7         43.8         63.           63.0         67.7         42.0         63.           63.0         67.7         43.4         63.	0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	67.7         44.3         63.0         0.1           67.7         43.7         63.0         0.1           67.7         44.9         63.0         0.1	67.7         43.1         63.0         0.0           67.7         43.1         63.0         0.0           67.7         44.3         63.0         0.1	67.7         56.9         63.9         1.0           67.7         50.4         63.2         0.2           67.7         51.0         63.2         0.3	68.6         54.0         63.5         0.5           67.9         49.4         63.1         0.2           67.9         50.2         63.2         0.2	68.2         55.4         63.7         0.7           67.8         52.8         63.4         0.4           67.9         52.9         63.4         0.4	68.4         51.6         63.3         0.3           68.1         44.6         63.0         0.1           68.1         45.8         63.0         0.1	68.0 41.7 67.7 44.5 67.7 45.5	7 63.0 0.0 67.7 5 63.0 0.1 67.7 5 63.0 0.1 67.7	46.1         63.0         0.1         67.7           49.0         63.1         0.2         67.8           49.8         63.2         0.2         67.9	42.7         63.0         0.0         67.           42.6         63.0         0.0         67.           43.7         63.0         0.1         67.	54.8 63.6 44.3 63.0 44.9 63.0	0.6         68.3         52.1         63.3         0.3           0.1         67.7         41.6         63.0         0.0           0.1         67.7         42.2         63.0         0.0	68.0         54.1         63.5         0.5           67.7         44.4         63.0         0.1           67.7         45.0         63.0         0.1	68.2         37.2         63.0         0.0         6           67.7         41.0         63.0         0.0         6           67.7         41.7         63.0         0.0         6	7.7 57.7 67.7
0508 003.0G 051A 001.0G 051A 002.0G 051A 003.0G	3 050B 1 051A 2 051A 3 051A	63.0 67.7 45.0 63. 63.0 67.7 42.1 63. 63.0 67.7 43.1 63. 63.0 67.7 44.1 63.	0 0.1 0 0.0 0 0.0 0 0.1	67.7         46.4         63.0         0.1           67.7         44.9         63.0         0.1           67.7         46.4         63.0         0.1           67.7         46.4         63.0         0.1           67.7         46.4         63.0         0.1	67.7 45.6 63.0 0.1 67.7 43.4 63.0 0.0 67.7 44.6 63.0 0.1 67.8 45.4 63.0 0.1	67.7 56.0 63.7 0.8 67.7 54.8 63.6 0.6 67.7 54.0 63.5 0.5 67.7 57.2 64.0 1.0	68.4         53.4         63.4         0.5           68.3         52.0         63.3         0.3           68.2         51.3         63.2         0.3           68.7         54.5         63.5         0.6	68.1         55.5         63.7         0.7           68.0         53.0         63.4         0.4           67.9         52.7         63.3         0.4           68.2         56.0         63.7         0.8	68.4 50.6 63.2 0.2 68.1 46.1 63.0 0.1 68.0 46.3 63.0 0.1 68.4 46.9 63.1 0.1	67.9 46.3 67.7 41.9 67.7 42.9 67.8 43.9	2 63.0 0.1 67.7 5 63.0 0.0 67.7 9 63.0 0.0 67.7 9 63.0 0.1 67.7	50.4         63.2         0.2         67.9           '         46.0         63.0         0.1         67.7           '         47.3         63.1         0.1         67.8           '         48.2         63.1         0.1         67.8	44.1         63.0         0.1         67.           43.2         63.0         0.0         67.           44.6         63.0         0.1         67.           44.6         63.0         0.1         67.           45.6         63.0         0.1         67.	45.6 63.0 41.3 63.0 50.4 63.2 55.7 63.7	0.1 67.7 42.8 63.0 0.0 0.0 67.7 38.4 63.0 0.0 0.2 67.9 48.9 63.1 0.2 0.7 68.4 51.4 63.2 0.3	67.7         45.7         63.0         0.1           67.7         41.2         63.0         0.0           67.8         50.9         63.2         0.3           67.9         53.5         63.4         0.5	67.7         42.4         63.0         0.0         6           67.7         37.7         63.0         0.0         6           67.9         39.6         63.0         0.0         6           68.1         40.5         63.0         0.0         6	7.7 7.7 67.7 67.7
051A 004.0G 051A 005.0G 051A 006.0G	4 051A 5 051A 6 051A	63.0         67.7         45.5         63.           63.0         67.7         47.3         63.           64.3         69.0         51.6         64.	0 0.1 1 0.1 5 0.2	67.7         48.3         63.1         0.1           67.8         49.8         63.2         0.2           69.2         52.9         64.6         0.3	67.8         46.6         63.0         0.1           67.9         48.1         63.1         0.1           69.3         51.6         64.5         0.2	67.7         55.1         63.6         0.7           67.8         55.1         63.7         0.7           69.2         57.4         65.1         0.8	68.3         52.6         63.3         0.4           68.4         53.9         63.5         0.5           69.8         56.0         64.9         0.6	68.0         54.0         63.5         0.5           68.2         55.1         63.7         0.7           69.6         57.3         65.1         0.8	68.2         47.6         63.1         0.1           68.4         47.8         63.1         0.1           69.8         49.7         64.4         0.1	67.8 45.1 67.8 45.8 69.1 48.1	1 63.0 0.1 67.7 8 63.1 0.1 67.8 1 64.4 0.1 69.1	49.3         63.1         0.2         67.8           1         50.3         63.2         0.2         67.9           .         52.6         64.6         0.3         69.3	46.8         63.1         0.1         67.3           47.6         63.1         0.1         67.3           50.0         64.5         0.2         69.3	55.8 63.7 55.8 63.8 56.2 64.9	0.8         68.4         51.5         63.3         0.3           0.8         68.5         51.6         63.3         0.3           0.6         69.6         52.2         64.6         0.3	68.0         53.7         63.4         0.5           68.0         53.8         63.5         0.5           69.3         54.5         64.7         0.4	68.1         41.6         63.0         0.0         6           68.2         42.2         63.0         0.0         6           69.4         44.6         64.3         0.0         6	.7.7 57.7 69.0
051A 007.OG 051A 008.OG 051A 009.OG 051A 010.OG	7 051A 8 051A 9 051A 0 051A	65.9 70.6 52.7 66. 67.2 71.9 53.4 67. 68.0 72.7 53.9 68. 68.1 72.8 54.3 68.	1 0.2 4 0.2 2 0.2 3 0.2	70.8         54.0         66.2         0.3           72.1         54.5         67.4         0.2           72.9         55.8         68.3         0.3           72.0         55.8         68.3         0.2	70.9         53.0         66.1         0.2           72.1         53.9         67.4         0.2           73.0         54.5         68.2         0.2           73.0         54.5         68.2         0.2	70.8         57.9         66.5         0.6           72.1         58.3         67.7         0.5           72.9         58.6         68.5         0.5           73.0         58.5         68.6         0.5	71.2         56.6         66.4         0.5           72.4         57.0         67.6         0.4           73.2         57.2         68.3         0.3           73.3         57.1         68.4         0.3	71.1 57.7 66.5 0.6 72.3 58.1 67.7 0.5 73.0 58.3 68.4 0.4 73.1 58.1 68.5 0.4	71.2         51.6         66.1         0.2           72.4         52.6         67.3         0.1           73.1         53.2         68.1         0.1           73.2         52.8         68.2         0.1	70.8 49.4 72.0 50.5 72.8 50.8 72.9 51.1	4 66.0 0.1 70.7 5 67.3 0.1 72.0 8 68.1 0.1 72.8 1 68.2 0.1 72.9	53.7         66.2         0.3         70.9           1         54.8         67.4         0.2         72.1           1         55.2         68.2         0.2         72.9           1         55.8         68.3         0.2         73.0	51.1         66.0         0.1         70.           52.4         67.3         0.1         72.1           52.9         68.1         0.1         72.1           53.4         68.2         0.1         72.1	56.4 66.4 56.6 67.6 56.6 68.3 56.7 68.4	0.5 71.1 52.4 66.1 0.2 0.4 72.3 52.6 67.3 0.1 0.3 73.0 52.8 68.1 0.1 0.3 73.1 52.9 68.2 0.1	70.8         54.8         66.2         0.3           72.0         55.1         67.5         0.3           72.8         55.2         68.2         0.2           72.9         55.3         68.3         0.2	70.9         45.8         65.9         0.0         7           72.2         46.6         67.2         0.0         7           72.9         47.0         68.0         0.0         7           73.0         47.1         68.1         0.0         7	0.6 /1.9 72.7 72.8
051A 011.0G 051A 012.0G 051B 001.0G	1 051A 2 051A 1 051B	68.7 73.4 54.0 68. 68.9 73.6 54.4 69. 63.6 68.3 43.3 63.	8 0.1 1 0.2 6 0.0	73.5         55.8         68.9         0.2           73.8         55.9         69.1         0.2           68.3         46.8         63.7         0.1	73.6 55.9 68.9 0.2 73.8 55.5 69.1 0.2 68.4 45.0 63.7 0.1	73.6         59.2         69.2         0.5           73.8         60.5         69.5         0.6           68.4         47.2         63.7         0.1	73.9         57.2         69.0         0.3           74.2         57.9         69.2         0.3           68.4         43.9         63.6         0.0	73.7         58.3         69.1         0.4           73.9         58.9         69.3         0.4           68.3         46.4         63.7         0.1	73.8         53.2         68.8         0.1           74.0         54.7         69.1         0.2           68.4         43.0         63.6         0.0	73.5 51.8 73.8 52.1 68.3 45.5	8 68.8 0.1 73.5 1 69.0 0.1 73.7 9 63.7 0.1 68.4	56.1         68.9         0.2         73.6           56.1         69.1         0.2         73.8           50.1         63.8         0.2         68.5	53.7         68.8         0.1         73.3           53.3         69.0         0.1         73.4           44.9         63.7         0.1         68.4	56.8 69.0 56.9 69.2 46.0 63.7	0.3 73.7 53.0 68.8 0.1 0.3 73.9 53.2 69.0 0.1 0.1 68.4 43.1 63.6 0.0	73.5         55.4         68.9         0.2           73.7         55.6         69.1         0.2           68.3         46.0         63.7         0.1	73.6         47.4         68.7         0.0         7           73.8         47.7         68.9         0.0         7           68.4         42.8         63.6         0.0         6	3.4 73.6 68.3
051B 002.OG 051B 003.OG 051B 004.OG	2 051B 3 051B 4 051B	64.4 69.1 44.8 64. 64.6 69.3 45.7 64. 64.7 69.4 46.0 64. 64.7 69.2 45.9 64.	4 0.0 7 0.1 8 0.1	69.1         48.5         64.5         0.1           69.4         49.3         64.7         0.1           69.5         49.7         64.8         0.1           69.2         40.5         64.6         0.1	69.2         46.5         64.5         0.1           69.4         47.3         64.7         0.1           69.5         47.7         64.8         0.1           69.2         47.4         64.6         0.1	69.2         49.0         64.5         0.1           69.4         52.1         64.8         0.2           69.5         51.9         64.9         0.2           60.5         51.9         64.9         0.2	69.2         45.3         64.5         0.1           69.5         47.6         64.7         0.1           69.6         46.0         64.8         0.1           60.4         47.6         64.7         0.1	69.2 47.7 64.5 0.1 69.4 49.4 64.7 0.1 69.5 48.7 64.8 0.1 60.2 50.4 64.7 0.2	69.2         44.2         64.4         0.0           69.4         44.9         64.6         0.0           69.5         45.5         64.8         0.1           69.4         47.3         64.6         0.3	69.1 47.1 69.3 47.9 69.5 48.4	1 64.5 0.1 69.2 9 64.7 0.1 69.4 4 64.8 0.1 69.5 2 66.7 0.2 60.4	51.2         64.6         0.2         69.3           52.0         64.8         0.2         69.5           52.5         65.0         0.3         69.7           54.5         62.0         0.4         0.0	46.4         64.5         0.1         69.3           47.2         64.7         0.1         69.3           47.5         64.8         0.1         69.3           47.5         64.8         0.1         69.3	47.1 64.5 47.9 64.7 48.4 64.8	0.1         69.2         44.2         64.4         0.0           0.1         69.4         45.0         64.6         0.0           0.1         69.5         45.5         64.8         0.1           0.2         60.4         47.2         64.6         0.1	69.1         47.1         64.5         0.1           69.3         47.9         64.7         0.1           69.5         48.4         64.8         0.1           69.5         48.4         64.8         0.1	69.2         44.0         64.4         0.0         6           69.4         44.8         64.6         0.0         6           69.5         45.3         64.7         0.0         6           69.4         44.8         64.6         0.0         6	9.1 39.3 89.4
0518 005.0G 0518 006.0G 0518 007.0G 0518 008.0G	6 0518 7 0518 8 0518	64.1 68.8 45.6 64. 64.0 68.7 45.6 64. 64.0 68.7 45.7 64.	2 0.1 1 0.1 1 0.1	65.3         45.5         64.0         0.1           68.9         49.4         64.2         0.1           68.8         49.4         64.1         0.1           68.8         49.4         64.1         0.1	68.9 47.3 64.2 0.1 68.8 47.3 64.1 0.1 68.8 47.4 64.1 0.1	68.9 49.3 64.2 0.2 68.8 49.6 64.2 0.2 68.8 49.8 64.2 0.2	05.4         47.5         06.5         0.1           68.9         46.8         64.2         0.1           68.9         47.1         64.1         0.1           68.9         46.9         64.1         0.1	68.9 49.5 64.2 0.1 68.8 50.1 64.2 0.2 68.8 49.8 64.2 0.2	05.4         47.2         04.0         0.1           68.9         46.2         64.2         0.1           68.9         46.6         64.1         0.1           68.9         46.7         64.1         0.1	68.9 49.2 68.8 49.6 68.8 49.6	2 64.2 0.1 68.9 6 64.2 0.2 68.9 8 64.2 0.2 68.9	54.2         64.3         0.4         65.6           53.3         64.4         0.3         69.1           53.6         64.4         0.4         69.1           53.8         64.4         0.4         69.1	47.3         64.0         0.1         69.3           47.4         64.2         0.1         68.3           47.4         64.1         0.1         68.3           47.4         64.1         0.1         68.3	30.2 64.7 9 49.2 64.2 8 49.5 64.2 8 49.7 64.2	0.2 68.9 46.8 64.1 0.1 0.2 68.9 46.8 64.1 0.1	68.3         50.2         64.7         0.2           68.9         49.2         64.2         0.1           68.8         49.5         64.2         0.2           68.8         49.7         64.2         0.2	05.4         47.1         04.0         0.1         0           68.9         46.1         64.2         0.1         66           68.9         46.5         64.1         0.1         66           68.9         46.7         64.1         0.1         66	8.9 38.8 68.8
051B 009.0G 051B 010.0G 051B 011.0G	9 051B 0 051B 1 051B	63.8 68.5 45.6 63. 63.5 68.2 45.4 63. 63.3 68.0 45.3 63.	9 0.1 6 0.1 4 0.1	68.6         49.3         64.0         0.2           68.3         49.1         63.7         0.2           68.1         49.0         63.5         0.2	68.7         47.2         63.9         0.1           68.4         47.0         63.6         0.1           68.2         46.9         63.4         0.1	68.6         49.9         64.0         0.2           68.3         50.0         63.7         0.2           68.1         50.0         63.5         0.2	68.7         47.0         63.9         0.1           68.4         47.1         63.6         0.1           68.2         47.1         63.4         0.1	68.6         49.9         64.0         0.2           68.3         49.9         63.7         0.2           68.1         50.0         63.5         0.2	68.7         46.8         63.9         0.1           68.4         46.9         63.6         0.1           68.2         46.9         63.4         0.1	68.6 49.9 68.3 49.9 68.1 49.9	9 64.0 0.2 68.7 9 63.7 0.2 68.4 9 63.5 0.2 68.4	53.9         64.2         0.4         68.9           i         53.9         64.0         0.5         68.7           i         54.0         63.8         0.5         68.5           i         50.0         63.8         0.5         68.5	47.3         63.9         0.1         68.           47.2         63.6         0.1         68.           47.1         63.4         0.1         68.	49.8 64.0 49.9 63.7 49.9 63.5	0.2         68.7         46.8         63.9         0.1           0.2         68.4         46.9         63.6         0.1           0.2         68.2         46.9         63.4         0.1	68.6         49.8         64.0         0.2           68.3         49.9         63.7         0.2           68.1         49.9         63.5         0.2	68.7         46.7         63.9         0.1         6           68.4         46.8         63.6         0.1         6           68.2         46.8         63.4         0.1         6	8.6 38.3 68.1
0510 012.0G 0510 001.0G 0510 002.0G 0510 003.0G	1 0510 2 0510 3 0510	65.0         67.7         45.1         65.           72.2         76.9         54.1         72.           72.2         76.9         54.1         72.           71.9         76.6         53.6         72.	3 0.1 3 0.1 0 0.1	07.8 46.8 05.2 0.2 77.0 58.1 72.4 0.2 77.0 58.1 72.4 0.2 76.7 57.6 72.1 0.2	07.5         48.8         05.1         0.1           77.1         55.9         72.3         0.1           77.1         56.0         72.3         0.1           76.8         55.5         72.0         0.1	07.0         54.5         72.3         0.1           77.0         54.5         72.3         0.1           77.7         54.5         72.3         0.1           76.7         54.2         72.0         0.1	77.0         51.7         72.2         0.0           77.0         51.5         72.2         0.0           76.7         51.2         71.9         0.0	07.8         50.0         65.2         0.2           76.9         54.6         72.3         0.1           76.9         54.5         72.3         0.1           76.6         54.2         72.0         0.1	67.5         46.5         63.1         0.1           77.0         51.5         72.2         0.0           77.0         51.5         72.2         0.0           76.7         51.1         71.9         0.0	76.9 54.5 76.9 54.5 76.6 54.1	5 72.3 0.1 77.0 5 72.3 0.1 77.0 1 72.0 0.1 76.7	53.5         65.5         0.3         68.2           1         58.5         72.4         0.2         77.1           1         58.5         72.4         0.2         77.1           1         58.5         72.4         0.2         77.1	46.7         65.1         0.1         67.3           55.9         72.3         0.1         77.4           55.9         72.3         0.1         77.4           55.4         72.0         0.1         76.5	45.9         63.2           0         54.5         72.3           0         54.5         72.3           7         54.1         72.0	0.1 77.0 51.5 72.2 0.0 0.1 77.7.0 51.5 72.2 0.0 0.1 76.7 51.1 71.9 0.0	67.6         43.7         63.2         0.2           76.9         54.5         72.3         0.1           76.9         54.5         72.3         0.1           76.6         54.1         72.0         0.1	07.7         51.4         72.2         0.0         77           77.0         51.4         72.2         0.0         77           77.0         51.5         72.2         0.0         77           76.7         51.1         71.9         0.0         77	7.6 16.9 76.6
051C 004.0G 051C 005.0G 051C 006.0G	4 051C 5 051C 6 051C	71.5 76.2 53.2 71. 71.3 76.0 52.8 71. 71.0 75.7 52.4 71.	6 0.1 4 0.1 1 0.1	76.3 57.1 71.7 0.2 76.1 56.8 71.5 0.2 75.8 56.4 71.1 0.1	76.4 55.1 71.6 0.1 76.2 54.8 71.4 0.1 75.8 54.4 71.1 0.1	76.3 53.9 71.6 0.1 76.1 53.9 71.4 0.1 75.8 53.6 71.1 0.1 75.8 53.6 70.1	76.3         50.9         71.5         0.0           76.1         50.9         71.3         0.0           75.8         50.6         71.0         0.0	76.2 53.9 71.6 0.1 76.0 53.9 71.4 0.1 75.7 53.6 71.1 0.1	76.3         50.9         71.5         0.0           76.1         50.9         71.3         0.0           75.8         50.6         71.0         0.0	76.2 53.5 76.0 53.5 75.7 53.6	9 71.6 0.1 76.3 9 71.4 0.1 76.1 6 71.1 0.1 75.8	57.9         71.7         0.2         76.4           57.9         71.5         0.2         76.2           57.6         71.2         0.2         75.9           57.6         71.2         0.2         75.9	55.0         71.6         0.1         76.3           54.6         71.4         0.1         76.3           54.2         71.1         0.1         75.3	53.9 71.6 53.8 71.4 53.5 71.1	0.1 76.3 50.9 71.5 0.0 0.1 76.1 50.9 71.3 0.0 0.1 75.8 50.5 71.0 0.0	76.2         53.9         71.6         0.1           76.0         53.9         71.4         0.1           75.7         53.5         71.1         0.1	76.3         50.8         71.5         0.0         70           76.1         50.8         71.3         0.0         70           75.8         50.5         71.0         0.0         70	6.2 /6.0 75.7
051C 008.0G 051C 009.0G 051C 010.0G	9 051C 9 051C 9 051C	70.1 74.8 51.4 70. 69.9 74.6 51.0 70. 69.6 74.3 50.6 69.	7 0.1 2 0.1 0 0.1 7 0.1	74.9 55.0 70.0 0.1 74.7 55.0 70.0 0.1 74.4 54.7 69.7 0.1	74.9 53.6 70.2 0.1 74.7 53.3 70.0 0.1 74.4 53.0 69.7 0.1	74.9 53.0 70.2 0.1 74.9 53.0 70.2 0.1 74.7 53.1 70.0 0.1 74.4 52.7 69.7 0.1	74.9 50.1 70.1 0.0 74.7 50.2 69.9 0.0 74.4 49.8 69.6 0.0	74.8 53.1 70.2 0.1 74.6 53.1 70.2 0.1 74.3 52.7 69.7 0.1	74.9 50.0 70.1 0.0 74.7 50.1 69.9 0.0 74.4 49.7 69.6 0.0	74.8 53.0 74.6 53.1 74.3 52.6	4 70.7 0.1 75.4 0 70.2 0.1 74.9 1 70.0 0.1 74.7 6 69.7 0.1 74.4	57.4         70.8         0.2         73.3           9         57.0         70.3         0.2         75.0           2         57.1         70.1         0.2         74.8           4         56.6         69.8         0.2         74.5	33.8         70.7         0.1         73.3           53.2         70.2         0.1         74.1           52.8         70.0         0.1         74.1           52.4         69.7         0.1         74.2	53.0 70.2 53.1 70.0 52.6 69.7	0.1 74.9 50.0 70.1 0.0 0.1 74.7 50.1 69.9 0.0 0.1 74.4 49.6 69.6 0.0	74.8 53.0 70.2 0.1 74.8 53.0 70.0 0.1 74.6 53.1 70.0 0.1 74.3 52.6 69.7 0.1	74.9 50.0 70.1 0.0 7. 74.7 50.0 69.9 0.0 7. 74.4 49.6 69.6 0.0 7.	4.8 /4.6 74.3
051C 011.0G 1 051C 012.0G 1 051D 001.0G	1 051C 2 051C 1 051D	69.2 73.9 50.3 69. 69.0 73.7 49.9 69. 63.0 67.7 39.8 63.	3 0.1 1 0.1 0 0.0	74.0         54.3         69.3         0.1           73.8         54.0         69.1         0.1           67.7         41.3         63.0         0.0	74.0         52.6         69.3         0.1           73.8         52.4         69.1         0.1           67.7         40.6         63.0         0.0	74.0 52.6 69.3 0.1 73.8 52.4 69.1 0.1 67.7 42.3 63.0 0.0	74.0         49.6         69.2         0.0           73.8         49.5         69.0         0.0           67.7         43.7         63.0         0.1	73.9 52.5 69.3 0.1 73.7 52.4 69.1 0.1 67.7 44.1 63.0 0.1	74.0         49.5         69.2         0.0           73.8         49.4         69.0         0.0           67.7         40.2         63.0         0.0	73.9 52.4 73.7 52.3 67.7 39.8	4 69.3 0.1 74.0 3 69.1 0.1 73.8 8 63.0 0.0 67.7 4 69 0 67	1         56.4         69.4         0.2         74.1           3         56.3         69.2         0.2         73.9           7         45.0         63.0         0.1         67.7	52.0         69.3         0.1         74.1           51.7         69.1         0.1         73.4           42.3         63.0         0.0         67.7	0 52.4 69.3 52.2 69.1 60.1 64.8	0.1 74.0 49.4 69.2 0.0 0.1 73.8 49.2 69.0 0.0 1.8 69.5 55.7 63.7 0.7	73.9         52.4         69.3         0.1           73.7         52.2         69.1         0.1           68.4         57.7         64.1         1.1	74.0         49.4         69.2         0.0         7.           73.8         49.2         69.0         0.0         7.           68.8         36.2         63.0         0.0         6.	3.9 /3.7 67.7
051D 002.0G 051D 003.0G 051D 004.0G 051D 005.0G	2 051D 3 051D 4 051D 5 051D	63.0 67.7 41.7 63. 63.0 67.7 43.1 63. 63.0 67.7 44.8 63. 63.0 67.7 45.4 63.	0 0.0 0 0.1 0 0.1	67.7 42.2 65.0 0.0 67.7 43.5 63.0 0.0 67.7 44.7 63.0 0.1 67.7 45.5 63.0 0.1	67.7 42.6 63.0 0.0 67.7 42.6 63.0 0.0 67.7 44.6 63.0 0.1 67.7 45.8 63.0 0.1	67.7 54.7 65.6 0.6 67.7 55.1 63.6 0.6 67.7 58.2 64.2 1.3	68.2         31.3         63.3         0.3           68.3         52.7         63.3         0.4           68.3         54.1         63.5         0.5           68.9         56.4         63.8         0.9	68.0 53.4 63.4 0.5 68.0 54.2 66.5 0.5 68.2 56.1 63.8 0.8 68.5 57.4 64.0 1.1	68.1         47.5         65.1         0.1           68.2         48.6         63.1         0.2           68.5         46.9         63.1         0.1           68.7         50.6         63.2         0.2	67.8 41.1 67.8 41.1 67.8 41.0 67.9 40.3	1         63.0         0.0         67.7           1         63.0         0.0         67.7           3         63.0         0.0         67.7	43.5         65.0         0.1         67.7           '         46.1         63.0         0.1         67.7           '         46.2         63.0         0.1         67.7           '         45.5         63.0         0.1         67.7	43.4 63.0 0.0 67. 43.5 63.0 0.0 67. 42.7 63.0 0.0 67.	56.0 63.7 55.8 63.7 55.8 63.7	1.3         65.1         5%.6         55.6         0.0           0.8         68.4         51.6         63.3         0.3           0.8         68.4         51.5         63.3         0.3           0.8         68.4         51.5         63.3         0.3	68.3         56.8         63.5         0.5           68.0         54.2         63.5         0.5           68.0         53.6         63.4         0.5           68.0         53.6         63.4         0.5	08.0         36.4         63.0         0.0         0           68.2         36.4         63.0         0.0         6           68.1         36.3         63.0         0.0         6           68.1         36.3         63.0         0.0         6	7.7 57.7 67.7
051D 006.0G 051D 007.0G 051D 008.0G	6 051D 7 051D 8 051D	63.0         67.7         49.9         63.           63.0         67.7         51.6         63.           63.0         67.7         52.7         63.           63.0         67.7         52.7         63.	2 0.2 3 0.3 3 0.4	67.9         50.5         63.2         0.2           68.0         51.7         63.3         0.3           68.0         52.7         63.3         0.4	67.9         50.9         63.2         0.3           68.0         52.0         63.3         0.3           68.0         53.0         63.4         0.4           69.0         50.0         63.4         0.4	67.9         60.2         64.8         1.8           68.0         60.3         64.8         1.9           68.1         60.3         64.8         1.9	69.5         57.0         63.9         1.0           69.5         57.2         64.0         1.0           69.5         57.4         64.0         1.1           69.5         57.4         64.0         1.1	68.6         58.0         64.2         1.2           68.7         58.2         64.2         1.3           68.7         58.4         64.3         1.3           69.7         59.4         64.3         1.3	68.9         51.6         63.3         0.3           68.9         51.8         63.3         0.3           69.0         52.7         63.3         0.4	68.0 41.1 68.0 43.1 68.0 46.5	1 63.0 0.0 67.7 1 63.0 0.0 67.7 5 63.0 0.1 67.7 6 63.0 0.1 67.7	46.1         63.0         0.1         67.7           47.6         63.1         0.1         67.8           50.4         63.2         0.2         67.9	43.3         63.0         0.0         67.           45.0         63.0         0.1         67.           47.9         63.1         0.1         67.	56.0 63.7 56.0 63.7 56.2 63.8 56.2 63.8	0.8         68.4         51.8         63.3         0.3           0.8         68.4         51.9         63.3         0.3           0.8         68.5         52.1         63.3         0.3	68.0         53.7         63.4         0.5           68.0         53.8         63.4         0.5           68.0         54.1         63.5         0.5	68.1         37.4         63.0         0.0         6           68.1         38.6         63.0         0.0         6           68.2         40.9         63.0         0.0         6	7.7 57.7 67.7
051D 010.0G 051D 010.0G 051D 011.0G 051D 012.0G	0 051D 0 051D 1 051D 2 051D	63.0 67.7 54.0 63. 63.0 67.7 54.0 63. 63.3 68.0 54.4 63.	4 0.5 5 0.5 5 0.5 8 0.5	b8.1         54.6         b3.5         0.6           68.2         53.8         63.4         0.5           68.2         53.7         63.4         0.5           68.5         54.4         63.8         0.5	b8.2         53.8         b3.4         0.5           68.1         55.5         63.7         0.7           68.1         53.6         63.4         0.5           68.5         54.2         63.8         0.5	b8.1         b0.0         b4.7         1.8           68.4         60.0         64.7         1.8           68.1         60.2         64.8         1.8           68.5         60.5         65.1         1.8	69.4 57.2 64.0 1.0 69.4 57.1 64.0 1.0 69.5 57.6 64.1 1.1 69.8 58.1 64.4 1.1	b8.7         58.2         64.2         1.3           68.7         58.1         64.2         1.2           68.8         58.5         64.3         1.3           69.1         59.0         64.7         1.4	b8.9         52.8         b3.4         0.4           68.9         52.4         63.3         0.4           69.0         53.8         63.4         0.5           69.4         54.9         63.9         0.6	68.1 49.0 68.0 50.2 68.1 50.1 68.6 50.6	0 63.1 0.2 67.8 2 63.2 0.2 67.9 1 63.2 0.2 67.9 6 63.5 0.2 68.2	52.5         63.3         0.4         68.0           1         53.9         63.5         0.5         68.2           1         54.2         63.5         0.5         68.2           1         54.2         63.5         0.5         68.2           1         54.2         63.5         0.5         68.2           1         54.7         63.9         0.6         68.6	30.4         bs.2         0.2         67.3           51.5         63.3         0.3         68.1           52.1         63.3         0.3         68.1           52.3         63.6         0.3         68.8	56.6 63.9 56.7 63.9 56.7 64.2	0.9 68.5 52.6 65.3 0.4 0.9 68.6 53.1 63.4 0.4 0.9 68.6 53.1 63.4 0.4 0.9 68.9 53.4 63.7 0.4	b8.0         54.6         63.5         0.6           68.1         55.0         63.6         0.6           68.1         55.1         63.6         0.7           68.4         55.3         63.9         0.6	b8.2         43.9         b3.0         0.1         b           68.3         45.1         63.0         0.1         6           68.3         45.4         63.0         0.1         6           68.6         45.5         63.4         0.1         6	7.7 57.7 68.1
052A 001.OG 052A 002.OG 052A 003.OG	1 052A 2 052A 3 052A	64.4 67.2 36.7 64. 64.9 67.7 37.0 64. 64.7 67.5 37.2 64.	4 0.0 9 0.0 7 0.0	67.2         40.6         64.4         0.0           67.7         41.3         64.9         0.0           67.5         41.8         64.7         0.0	67.2         38.7         64.4         0.0           67.7         39.2         64.9         0.0           67.5         38.9         64.7         0.0	67.2         35.0         64.4         0.0           67.7         35.1         64.9         0.0           67.5         35.5         64.7         0.0	67.2         33.0         64.4         0.0           67.7         33.1         64.9         0.0           67.5         33.4         64.7         0.0	67.2 35.5 64.4 0.0 67.7 35.6 64.9 0.0 67.5 35.9 64.7 0.0	67.2         32.3         64.4         0.0           67.7         32.5         64.9         0.0           67.5         32.8         64.7         0.0	67.2 36.5 67.7 36.6 67.5 36.8	5 64.4 0.0 67.2 6 64.9 0.0 67.7 8 64.7 0.0 67.7	40.7         64.4         0.0         67.2           40.8         64.9         0.0         67.7           41.0         64.7         0.0         67.5	38.4         64.4         0.0         67.3           38.5         64.9         0.0         67.3           38.8         64.7         0.0         67.3	45.7 64.5 45.8 65.0 36.4 64.7	0.1         67.3         34.5         64.4         0.0           0.1         67.8         34.6         64.9         0.0           0.0         67.5         34.9         64.7         0.0	67.2         36.4         64.4         0.0           67.7         36.5         64.9         0.0           67.5         36.8         64.7         0.0	67.2         32.0         64.4         0.0         6           67.7         32.1         64.9         0.0         6           67.5         32.5         64.7         0.0         6	7.2 57.7 67.5
052A 004.0G 052A 005.0G 052A 006.0G 052A 007.0G	4 052A 5 052A 6 052A 7 052A	64.0 66.8 37.8 64. 63.6 66.4 38.5 63. 63.3 66.1 38.7 63.	3 0.0 0 0.0 6 0.0 3 0.0	66.1 40.2 64.0 0.0 66.4 40.8 64.0 0.0 66.4 41.1 63.6 0.0 66.1 41.5 63.3 0.0	66.1 40.3 63.3 0.0 66.1 40.3 63.3 0.0	66.8 36.3 64.0 0.0 66.4 36.6 63.6 0.0 66.1 36.9 63.3 0.0	67.1 33.7 64.3 0.0 66.8 34.0 64.0 0.0 66.4 34.3 63.6 0.0 66.1 34.6 63.3 0.0	66.8 36.6 64.0 0.0 66.4 36.9 63.6 0.0 66.1 37.3 63.3 0.0	66.1 34.1 63.3 0.0 66.1 34.1 63.3 0.0	66.8 37.1 66.8 37.1 66.4 38.0 66.1 38.4	1 64.0 0.0 66.4 0 63.6 0.0 66.4 4 63.3 0.0 66.1	41.4         64.3         0.0         67.1           1         41.2         64.0         0.0         66.8           4         41.9         63.6         0.0         66.4           .         42.3         63.3         0.0         66.1	39.1         64.3         0.0         67.           39.0         64.0         0.0         66.1           39.7         63.6         0.0         66.4           40.1         63.3         0.0         66.5	36.6 64.3 37.0 64.0 37.3 63.6 37.5 63.3	0.0 66.1 35.2 63.3 0.0 0.0 66.1 35.2 63.3 0.0	b7.1         36.9         64.3         0.0           66.8         37.1         64.0         0.0           66.4         37.3         63.6         0.0           66.1         37.6         63.3         0.0	b7.1         33.0         b4.3         0.0         b           66.8         33.4         64.0         0.0         6           66.4         33.7         63.6         0.0         6           66.1         34.0         63.3         0.0         6	7.1 6.8 66.4 66.1
052A 008.0G 052A 009.0G 052A 010.0G	8 052A 9 052A .0 052A	63.0         65.8         39.2         63.           63.0         65.8         38.6         63.           63.0         65.8         38.9         63.	0 0.0 0 0.0 0 0.0	65.8         41.5         63.0         0.0           65.8         40.8         63.0         0.0           65.8         40.9         63.0         0.0	65.8         40.4         63.0         0.0           65.8         39.8         63.0         0.0           65.8         40.0         63.0         0.0	65.8         36.7         63.0         0.0           65.8         35.7         63.0         0.0           65.8         35.7         63.0         0.0	65.8         34.4         63.0         0.0           65.8         33.6         63.0         0.0           65.8         33.6         63.0         0.0	65.8         37.0         63.0         0.0           65.8         36.1         63.0         0.0           65.8         36.1         63.0         0.0	65.8         33.9         63.0         0.0           65.8         32.9         63.0         0.0           65.8         32.9         63.0         0.0	65.8 38.4 65.8 37.5 65.8 38.0	4 63.0 0.0 65.8 9 63.0 0.0 65.8 0 63.0 0.0 65.8	42.3         63.0         0.0         65.8           41.8         63.0         0.0         65.8           42.0         63.0         0.0         65.8	40.1         63.0         0.0         65.1           39.5         63.0         0.0         65.1           39.8         63.0         0.0         65.1	37.4 63.0 36.5 63.0 36.5 63.0	0.0         65.8         35.0         63.0         0.0           0.0         65.8         34.3         63.0         0.0           0.0         65.8         34.3         63.0         0.0	65.8         37.4         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0	65.8         33.8         63.0         0.0         66           65.8         32.8         63.0         0.0         66           65.8         32.8         63.0         0.0         66	.5.8 i5.8 65.8
052A 011.OG 052A 012.OG 052A 013.OG 052A 014.OG	1 052A 2 052A 3 052A 4 052A	63.0 65.8 39.3 63. 63.0 65.8 39.3 63. 63.0 65.8 39.3 63. 63.0 65.8 39.3 63. 63.0 65.8 39.3 63.	0 0.0 0 0.0 0 0.0 0 0.0	65.8         41.0         63.0         0.0           65.8         41.4         63.0         0.0           65.8         41.4         63.0         0.0           65.8         41.4         63.0         0.0           65.8         42.0         63.0         0.0	65.8 40.1 63.0 0.0 65.8 40.2 63.0 0.0 65.8 40.2 63.0 0.0 65.8 40.4 63.0 0.0	65.8         35.8         63.0         0.0           65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0	65.8 33.7 63.0 0.0 65.8 33.9 63.0 0.0 65.8 33.9 63.0 0.0 65.8 34.0 63.0 0.0	65.8 36.3 63.0 0.0 65.8 36.4 63.0 0.0 65.8 36.4 63.0 0.0 65.8 36.4 63.0 0.0	65.8 33.1 63.0 0.0 65.8 33.2 63.0 0.0 65.8 33.2 63.0 0.0 65.8 33.2 63.0 0.0 65.8 33.3 63.0 0.0	65.8 38.2 65.8 38.3 65.8 38.3 65.8 38.5 65.8 38.6	2 63.0 0.0 65.8 3 63.0 0.0 65.8 3 63.0 0.0 65.8 6 63.0 0.0 65.8	i         42.3         63.0         0.0         65.8           i         42.3         63.0         0.0         65.8           i         42.5         63.0         0.0         65.8           i         42.6         63.0         0.0         65.8	40.0 63.0 0.0 65.1 40.1 63.0 0.0 65.1 40.2 63.0 0.0 65.1 40.3 63.0 0.0 65.1	36.7 63.0 36.8 63.0 36.8 63.0 36.8 63.0 36.9 63.0	0.0         65.8         34.4         63.0         0.0           0.0         65.8         34.5         63.0         0.0           0.0         65.8         34.5         63.0         0.0           0.0         65.8         34.5         63.0         0.0           0.0         65.8         34.5         63.0         0.0	65.8         36.7         63.0         0.0           65.8         36.8         63.0         0.0           65.8         36.9         63.0         0.0           65.8         36.9         63.0         0.0           65.8         36.9         63.0         0.0	65.8         33.0         63.0         0.0         6           65.8         33.1         63.0         0.0         6           65.8         33.1         63.0         0.0         6           65.8         33.1         63.0         0.0         6           65.8         33.1         63.0         0.0         6	5.8 5.8 55.8 65.8
052A 015.0G 052A 016.0G 052A 017.0G	5 052A 6 052A 7 052A	63.0         65.8         39.3         63.           63.0         65.8         39.3         63.           63.0         65.8         39.3         63.           63.0         65.8         39.3         63.	0 0.0 0 0.0 0 0.0	65.8         42.3         63.0         0.0           65.8         42.2         63.0         0.0           65.8         42.2         63.0         0.0	65.8         40.4         63.0         0.0           65.8         40.3         63.0         0.0           65.8         40.3         63.0         0.0	65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0	65.8         34.0         63.0         0.0           65.8         34.0         63.0         0.0           65.8         34.3         63.0         0.0	65.8         36.5         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.6         63.0         0.0	65.8         33.3         63.0         0.0           65.8         33.2         63.0         0.0           65.8         33.2         63.0         0.0	65.8 38.8 65.8 39.0 65.8 38.9	8 63.0 0.0 65.8 0 63.0 0.0 65.8 9 63.0 0.0 65.8	42.6         63.0         0.0         65.8           42.8         63.0         0.0         65.8           42.8         63.0         0.0         65.8           42.8         63.0         0.0         65.8	40.4         63.0         0.0         65.1           40.5         63.0         0.0         65.1           40.5         63.0         0.0         65.1	36.9 63.0 36.9 63.0 36.9 63.0	0.0         65.8         34.7         63.0         0.0           0.0         65.8         34.7         63.0         0.0           0.0         65.8         34.7         63.0         0.0           0.0         65.8         34.7         63.0         0.0	65.8         37.0         63.0         0.0           65.8         37.0         63.0         0.0           65.8         37.0         63.0         0.0	65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6	5.8 35.8 65.8
052A 018.0G 052A 019.0G 052A 020.0G 052A 021.0G	8 052A 9 052A 0 052A 1 052A	63.0         65.8         39.4         63.           63.0         65.8         39.4         63.           63.0         65.8         39.4         63.           63.0         65.8         39.4         63.           63.0         65.8         39.4         63.           63.0         65.8         39.4         63.	0 0.0 0 0.0 0 0.0 0 0.0	65.8         42.5         63.0         0.0           65.8         42.5         63.0         0.0           65.8         42.6         63.0         0.0           65.8         42.6         63.0         0.0	65.8         40.4         63.0         0.0           65.8         40.4         63.0         0.0           65.8         40.3         63.0         0.0           65.8         40.4         63.0         0.0           65.8         40.4         63.0         0.0	65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0	65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0	65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0	65.8         33.2         63.0         0.0           65.8         33.2         63.0         0.0           65.8         33.2         63.0         0.0           65.8         33.2         63.0         0.0           65.8         33.2         63.0         0.0	65.8 38.5 65.8 38.5 65.8 39.1 65.8 39.1	9 63.0 0.0 65.8 9 63.0 0.0 65.8 1 63.0 0.0 65.8 2 63.0 0.0 65.8	42.8         63.0         0.0         65.8           4.2.8         63.0         0.0         65.8           4.2.7         63.0         0.0         65.8           4.2.8         63.0         0.0         65.8           4.2.8         63.0         0.0         65.8	40.4         63.0         0.0         65.1           40.5         63.0         0.0         65.1           40.4         63.0         0.0         65.1           40.4         63.0         0.0         65.1           40.4         63.0         0.0         65.1           40.5         63.0         0.0         65.1	36.9 63.0 37.0 63.0 37.0 63.0 37.0 63.0 37.0 63.0	0.0         65.8         34.7         63.0         0.0           0.0         65.8         34.9         63.0         0.0           0.0         65.8         35.0         63.0         0.0           0.0         65.8         35.0         63.0         0.0           0.0         65.8         35.0         63.0         0.0	65.8         37.0         63.0         0.0           65.8         37.1         63.0         0.0           65.8         37.2         63.0         0.0           65.8         37.2         63.0         0.0           65.8         37.2         63.0         0.0	65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6	5.8 15.8 65.8 65.8
052A 022.0G 052A 023.0G 052A 024.0G	2 052A 3 052A 4 052A	63.0         65.8         39.5         63.           63.0         65.8         39.5         63.           63.0         65.8         39.5         63.           63.0         65.8         39.5         63.           63.0         65.8         39.7         63.	0 0.0 0 0.0 0 0.0	65.8         42.7         63.0         0.0           65.8         42.7         63.0         0.0           65.8         42.7         63.0         0.0	65.8         40.4         63.0         0.0           65.8         40.5         63.0         0.0           65.8         40.6         63.0         0.0	65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0           65.8         36.0         63.0         0.0	65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0	65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0	65.8         33.2         63.0         0.0           65.8         33.2         63.0         0.0           65.8         33.3         63.0         0.0	65.8 39.2 65.8 39.2 65.8 39.4	0.0         b5.8           2         63.0         0.0         65.8           3         63.0         0.0         65.8           4         63.0         0.0         65.8	42.8         63.0         0.0         65.8           42.9         63.0         0.0         65.8           43.0         63.0         0.0         65.8	40.5 63.0 0.0 65.1 40.6 63.0 0.0 65.1 40.8 63.0 0.0 65.1	37.2 63.0 37.3 63.0 37.3 63.0	0.0         65.8         35.2         63.0         0.0           0.0         65.8         35.3         63.0         0.0           0.0         65.8         35.3         63.0         0.0           0.0         65.8         35.4         63.0         0.0	65.8         37.4         63.0         0.0           65.8         37.4         63.0         0.0           65.8         37.5         63.0         0.0	65.8         33.4         63.0         0.0         66           65.8         33.4         63.0         0.0         66           65.8         33.4         63.0         0.0         66	5.8 35.8 65.8
052A 025.0G 2 052A 026.0G 2 052A 027.0G 2	5 052A 6 052A 7 052A	63.0         65.8         39.9         63.           63.0         65.8         39.9         63.           63.0         65.8         39.9         63.           63.0         65.8         39.9         63.           63.0         65.8         39.9         63.	0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	65.8         42.8         63.0         0.0           65.8         42.8         63.0         0.0           65.8         42.8         63.0         0.0           65.8         42.8         63.0         0.0	65.8         40.7         63.0         0.0           65.8         40.7         63.0         0.0           65.8         40.7         63.0         0.0           65.8         40.7         63.0         0.0           65.8         40.7         63.0         0.0	65.8 36.1 63.0 0.0 65.8 36.1 63.0 0.0 65.8 36.0 63.0 0.0 65.9 26.0 62.0 0.0	65.8         34.4         63.0         0.0           65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0           65.8         34.3         63.0         0.0           65.8         24.2         63.0         0.0	65.8         36.7         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0           65.8         36.6         63.0         0.0	65.8 33.3 63.0 0.0 65.8 33.3 63.0 0.0 65.8 33.2 63.0 0.0 65.8 33.2 63.0 0.0	65.8 39.4 65.8 39.4 65.8 39.3	4 63.0 0.0 65.8 4 63.0 0.0 65.8 3 63.0 0.0 65.8 2 63.0 0.0 65.8	43.1         63.0         0.0         65.8           43.1         63.0         0.0         65.8           43.0         63.0         0.0         65.8           43.0         63.0         0.0         65.8           43.0         63.0         0.0         65.8	40.9         63.0         0.0         65.1           40.8         63.0         0.0         65.1           40.8         63.0         0.0         65.1           40.8         63.0         0.0         65.1           40.7         63.0         0.0         65.1	37.3 63.0 37.3 63.0 37.2 63.0 37.2 63.0	0.0         65.8         35.5         63.0         0.0           0.0         65.8         35.4         63.0         0.0           0.0         65.8         35.4         63.0         0.0           0.0         65.8         35.4         63.0         0.0	65.8         37.6         63.0         0.0           65.8         37.5         63.0         0.0           65.8         37.5         63.0         0.0           65.8         37.5         63.0         0.0	65.8         33.5         63.0         0.0         6           65.8         33.4         63.0         0.0         6           65.8         33.3         63.0         0.0         6           65.8         33.3         63.0         0.0         6           65.8         32.3         63.0         0.0         6	5.8 35.8 85.8
052A 029.0G 052A 030.0G 052A 031.0G	9 052A 0 052A 1 052A	63.0         65.8         39.9         63.           63.0         65.8         39.9         63.           63.0         65.8         39.8         63.           63.0         65.8         39.8         63.           63.0         65.8         39.7         63.	0 0.0 0 0.0 0 0.0	03.0         0.0           65.8         42.8         63.0         0.0           65.8         42.7         63.0         0.0           65.8         42.6         63.0         0.0	0         v         0         0           65.8         40.7         63.0         0.0           65.8         40.6         63.0         0.0           65.8         40.5         63.0         0.0	65.8         36.0         63.0         0.0           65.8         35.9         63.0         0.0           65.8         35.9         63.0         0.0           65.8         35.8         63.0         0.0	55.0         34.2         63.0         0.0           65.8         34.2         63.0         0.0           65.8         34.2         63.0         0.0           65.8         34.1         63.0         0.0	0.5.0         0.5.0         05.0         0.0           65.8         36.5         63.0         0.0           65.8         36.5         63.0         0.0           65.8         36.4         63.0         0.0	0.0           65.8         33.2         63.0         0.0           65.8         33.1         63.0         0.0           65.8         33.0         63.0         0.0	65.8 39.3 65.8 39.3 65.8 39.3 65.8 39.3	3         63.0         0.0         65.8           2         63.0         0.0         65.8           2         63.0         0.0         65.8           2         63.0         0.0         65.8	42.9         63.0         0.0         65.8           42.9         63.0         0.0         65.8           42.9         63.0         0.0         65.8           42.8         63.0         0.0         65.8	40.7         63.0         0.0         65.1           40.6         63.0         0.0         65.1           40.6         63.0         0.0         65.1	37.2 63.0 37.2 63.0 37.2 63.0 37.1 63.0	0.0         53.3         65.0         0.0           0.0         65.8         35.3         63.0         0.0           0.0         65.8         35.2         63.0         0.0           0.0         65.8         35.5         63.0         0.0           0.0         65.8         35.6         63.0         0.0	5         5         63.0         0.0           65.8         37.7         63.0         0.0           65.8         37.6         63.0         0.0           65.8         37.6         63.0         0.0	65.8         33.3         63.0         0.0         66           65.8         33.2         63.0         0.0         66           65.8         33.2         63.0         0.0         66           65.8         33.2         63.0         0.0         66	5.8 35.8 65.8
052A 032.OG 052A 033.OG 052A 034.OG	2 052A 3 052A 4 052A	63.0         65.8         39.7         63.           63.0         65.8         39.6         63.           63.0         65.8         39.6         63.           63.0         65.8         39.6         63.	0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	65.8         42.6         63.0         0.0           65.8         42.6         63.0         0.0           65.8         42.5         63.0         0.0	65.8         40.5         63.0         0.0           65.8         40.5         63.0         0.0           65.8         40.4         63.0         0.0	65.8         35.8         63.0         0.0           65.8         35.8         63.0         0.0           65.8         35.8         63.0         0.0           65.8         35.8         63.0         0.0	65.8         34.1         63.0         0.0           65.8         34.1         63.0         0.0           65.8         34.1         63.0         0.0           65.8         34.1         63.0         0.0	65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0	65.8         33.0         63.0         0.0           65.8         33.0         63.0         0.0           65.8         33.0         63.0         0.0	65.8 39.1 65.8 39.1 65.8 39.0	1 63.0 0.0 65.8 1 63.0 0.0 65.8 0 63.0 0.0 65.8	42.8         63.0         0.0         65.8           42.9         63.0         0.0         65.8           42.8         63.0         0.0         65.8           42.8         63.0         0.0         65.8	40.5         63.0         0.0         65.1           40.5         63.0         0.0         65.1           40.6         63.0         0.0         65.1	3 37.1 63.0 3 37.4 63.0 3 37.3 63.0	0.0 65.8 35.6 63.0 0.0 0.0 65.8 35.6 63.0 0.0 0.0 65.8 35.5 63.0 0.0	65.8         37.5         63.0         0.0           65.8         37.8         63.0         0.0           65.8         37.7         63.0         0.0	65.8         33.2         63.0         0.0         6           65.8         33.2         63.0         0.0         6           65.8         33.1         63.0         0.0         6	5.8 x5.8 65.8
052A 035.0G 052A 036.0G 052A 037.0G 052A 038.0G	15 US2A 16 052A 17 052A 18 052A	b3.0         b5.8         39.5         63.           63.0         65.8         39.5         63.           63.0         65.8         39.5         63.           63.0         65.8         39.5         63.           63.0         65.8         39.5         63.           63.0         65.8         39.4         63.	0 0.0 0 0.0 0 0.0	us.a         42.5         b3.0         0.0           65.8         42.4         63.0         0.0           65.8         42.4         63.0         0.0           65.8         42.4         63.0         0.0	cb.8         4U.4         63.0         0.0           65.8         40.3         63.0         0.0           65.8         40.3         63.0         0.0           65.8         40.3         63.0         0.0	u8         35.8         63.0         0.0           65.8         35.8         63.0         0.0           65.8         35.8         63.0         0.0           65.8         35.9         63.0         0.0	vo.8         34.0         63.0         0.0           65.8         34.0         63.0         0.0           65.8         34.1         63.0         0.0           65.8         34.1         63.0         0.0	v>.8         3b.4         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0	v3.0         33.0         63.0         0.0           65.8         33.0         63.0         0.0           65.8         33.0         63.0         0.0           65.8         33.0         63.0         0.0	65.8 38.9 65.8 38.9 65.8 38.9 65.8 38.9	-         b3.0         U.U         65.8           9         63.0         0.0         65.8           9         63.0         0.0         65.8           9         63.0         0.0         65.8           9         63.0         0.0         65.8           9         63.0         0.0         65.8	42.8         63.0         0.0         65.8           42.8         63.0         0.0         65.8           42.8         63.0         0.0         65.8           42.9         63.0         0.0         65.8	wu.s         bs.U         0.0         65.1           40.5         63.0         0.0         65.1           40.5         63.0         0.0         65.1           40.4         63.0         0.0         65.1	37.3 63.0 37.3 63.0 37.3 63.0 37.3 63.0 37.3 63.0	v.u         bo.8         35.5         63.0         0.0           0.0         65.8         35.5         63.0         0.0           0.0         65.8         35.5         63.0         0.0           0.0         65.8         35.5         63.0         0.0           0.0         65.8         35.5         63.0         0.0	vs.o         57.7         ts.0         0.0           65.8         37.7         63.0         0.0           65.8         37.7         63.0         0.0           65.8         37.7         63.0         0.0	us.a         33.1         b3.0         0.0         66           65.8         33.1         63.0         0.0         66           65.8         33.1         63.0         0.0         66           65.8         33.1         63.0         0.0         66           65.8         33.2         63.0         0.0         66	2.8 5.8 35.8 65.8
052A 039.0G 052A 040.0G 052A 041.0G	9 052A 0 052A 1 052A	63.0         65.8         39.3         63.           63.0         65.8         39.3         63.           63.0         65.8         39.2         63.           63.0         65.8         39.2         63.	0 0.0 0 0.0 0 0.0	65.8         42.3         63.0         0.0           65.8         42.3         63.0         0.0           65.8         42.2         63.0         0.0	65.8         40.2         63.0         0.0           65.8         40.1         63.0         0.0           65.8         40.0         63.0         0.0           65.8         40.0         63.0         0.0	65.8         35.8         63.0         0.0           65.8         35.8         63.0         0.0           65.8         35.8         63.0         0.0           65.8         35.8         63.0         0.0	65.8         34.0         63.0         0.0           65.8         34.0         63.0         0.0           65.8         34.0         63.0         0.0	65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0           65.8         36.4         63.0         0.0	65.8         33.0         63.0         0.0           65.8         33.0         63.0         0.0           65.8         33.0         63.0         0.0	65.8 38.8 65.8 38.8 65.8 38.8	8         63.0         0.0         65.8           8         63.0         0.0         65.8           8         63.0         0.0         65.8           8         63.0         0.0         65.8           9         63.0         0.0         65.8	42.8         63.0         0.0         65.8           42.8         63.0         0.0         65.8           42.8         63.0         0.0         65.8           42.9         63.0         0.0         65.8	40.4         63.0         0.0         65.1           40.4         63.0         0.0         65.1           40.3         63.0         0.0         65.1	3 37.3 63.0 3 37.3 63.0 3 37.6 63.0	0.0         65.8         35.4         63.0         0.0           0.0         65.8         35.4         63.0         0.0           0.0         65.8         35.4         63.0         0.0           0.0         65.8         35.4         63.0         0.0	65.8         37.6         63.0         0.0           65.8         37.6         63.0         0.0           65.8         37.6         63.0         0.0	65.8         33.1         63.0         0.0         6           65.8         33.7         63.0         0.0         6           65.8         33.7         63.0         0.0         6	5.8 x5.8 65.8
0528 042.0G 0528 009.0G 0528 010.0G 0528 011.0G	052A 9 052B 0 052B 0 052B	63.0 65.8 39.1 63. 63.0 65.8 54.0 63. 63.0 65.8 56.4 63. 63.0 65.8 56.4 63.	0 0.0 5 0.5 8 0.9 2 1.2	b5.8         42.1         63.0         0.0           66.3         54.4         63.5         0.6           66.6         57.2         64.0         1.0           67.0         57.7         64.1         1	65.8         39.9         63.0         0.0           66.3         54.6         63.5         0.6           66.8         59.0         64.4         1.5           66.9         57.9         64.1         1.5	65.8         35.9         63.0         0.0           66.3         57.1         64.0         1.0           67.2         59.1         64.4         1.5           66.9         59.1         64.4         1.5	65.8         34.0         63.0         0.0           66.8         56.0         63.7         0.8           67.2         57.2         64.0         1.0           67.2         57.2         64.0         1.0	65.8         36.4         63.0         0.0           66.5         55.8         63.7         0.8           66.8         57.0         63.9         1.0           66.8         57.0         63.9         1.0	b>.8         33.0         63.0         0.0           66.5         51.1         63.2         0.3           66.7         52.0         63.3         0.3           66.7         52.0         63.3         0.3	65.8 38.8 66.0 44.0 66.1 42.9 66.1 42.9	x         63.0         0.0         65.8           0         63.0         0.1         65.8           9         63.0         0.0         65.8           2         63.0         0.0         65.8	42.9         63.0         0.0         65.8           4.9.4         63.1         0.2         65.9           4.46.2         63.0         0.1         65.8           46.5         63.0         0.1         65.8	40.2         63.0         0.0         65.1           48.1         63.1         0.1         65.5           43.9         63.0         0.1         65.4           44.1         63.0         0.1         65.5	37.7 63.0 54.5 63.5 55.1 63.6 55.4 63.7	UU         65.8         35.4         63.0         0.0           0.6         66.3         49.8         63.2         0.2           0.7         66.4         50.2         63.2         0.2           0.7         66.5         50.2         63.2         0.2	b5.8         37.6         63.0         0.0           66.0         52.6         63.3         0.4           66.0         53.0         63.4         0.4           66.0         53.0         63.4         0.4	b5.8         33.8         63.0         0.0         6           66.1         36.2         63.0         0.0         6           66.2         36.3         63.0         0.0         6           66.2         36.5         63.0         0.0         6	5.8 55.8 65.8
0528 012.0G	2 052B 3 052B	63.0 65.8 57.1 64. 63.0 65.8 58.0 64.	0 1.0	66.8 58.2 64.2 1.3 67.0 59.0 64.4 1.5	67.0 58.3 64.2 1.3 67.2 59.2 64.5 1.5	67.0 59.5 64.6 1.6 67.3 59.4 64.5 1.6	67.4 57.6 64.1 1.1 67.3 57.4 64.0 1.1	66.9 57.3 64.0 1.0 66.8 57.1 64.0 1.0	66.8 52.2 63.3 0.4 66.8 52.2 63.3 0.4	66.1 44.0 66.1 46.1	0 63.0 0.1 65.8 1 63.0 0.1 65.8	47.4 63.1 0.1 65.9 49.3 63.1 0.2 65.9	45.0 63.0 0.1 65.1 46.9 63.1 0.1 65.1	3 55.3 63.6 55.4 63.7	0.7 66.4 50.3 63.2 0.2 0.7 66.5 50.6 63.2 0.2	66.0 53.1 63.4 0.4 66.0 53.3 63.4 0.4	66.2 37.1 63.0 0.0 66 66.2 37.0 63.0 0.0 66	15.8

Contract	Firming Frends	S months (demo) P1T1 P1T1 P	2 months of Overlap (only 2 months of hoe ram modelec P1T1b	d) 8 months (foundation) 6 months P1T2 lon lon	(superstruture) 1 Months (exterior) P1T3 P1T4 Inc. 110 In	3 months of overlap (ext/int) P174b	7 months (int) P175 110 ioc 110	4 months (demo) P2T1	1 month of Overlap (demo/excavation) P2T1b 10 10 10 10 10 10 10 10 10 10 10 10 10	5 months (foundation) P2T2	16 months (superstructure) P2T3	2 Months (exteriors) P2T4	4 months of overlap (ext/int) P2T4b	7 months (interiors) P2TS Inc.	110
Cabilar Receptor Sites 0528 014.0G 0528 015.0G	(floor) Number 14 0528 15 0528	Grading         Logardy         Const         Total         Change         Exceed?           63.0         65.8         59.2         64.5         1.5         63.0         65.8         59.9         64.7         1.7	Total         Const         Total         Change         Exceed?         Total           67.3         59.7         64.6         1.7         67.4           67.5         61.2         65.2         2.2         68.0	Const         Total         Change         Exceed?         Total         Const         Total         Change           59.8         64.7         1.7         67.5         59.9         64.7           60.5         64.9         2.0         67.7         59.9         64.7	tange         Exceed?         Total         Const         Total         Change         Exceed?         Total           1.7         67.5         58.0         64.2         1.2         67.0           1.7         67.5         58.0         64.2         1.2         67.0	Const         Total         Change         Exceed?           0         57.8         64.1         1.2           0         58.1         64.2         1.2	Total         Const         Total         Change         Exceed?         Total           66.9         52.5         63.3         0.4         66.1         66.2           67.0         53.2         63.4         0.4         66.2	Const         Total         Change         Exceed?           47.8         63.1         0.1         49.7         63.2         0.2	Const         Total         Change         Exceed?         Total           65.9         51.2         63.2         0.3         66.0         66.0         53.2         63.4         0.4         66.2	Const         Total         Change         Exceed?         1           49.0         63.1         0.2         1	Const         Total         Change         Exceed?         Total           65.9         55.5         63.7         0.7         66.5           66.0         55.7         63.7         0.7         66.5	Const         Total         Change         Exceed?         T           50.9         63.2         0.3         6           51.4         63.2         0.3         6	Const         Total         Change         Exceed?           56.0         53.5         63.4         0.5         56.0         53.8         63.4         0.5	Total         Const         Total         Change         Exceed?           66.2         37.7         63.0         0.0         0.0         66.2         38.5         63.0         0.0	Total 65.8 65.8
0528 016.OG 0528 017.OG 0528 018.OG	16 0528 17 0528 18 0528	63.0 65.8 61.0 65.1 2.1 63.0 65.8 61.6 65.3 2.4 63.0 65.8 61.9 65.5 2.5 63.0 65.8 61.9 65.5 2.5	67.9         62.1         65.6         2.6         68.4           68.1         62.4         65.7         2.7         68.5           68.3         61.9         65.5         2.5         68.3           66.4         62.4         65.7         2.7         68.3	61.1         65.1         2.2         67.9         60.8         65.0           61.4         65.3         2.3         68.1         60.8         65.0           61.7         65.4         2.4         68.2         60.8         65.0           61.3         6.5         2.4         68.2         60.8         65.0	2.1         67.8         59.0         64.4         1.5         67.2           2.1         67.8         58.8         64.4         1.4         67.2           2.1         67.8         58.8         64.4         1.4         67.2           2.1         67.8         58.8         64.4         1.4         67.3           2.1         67.8         58.8         64.4         1.4         67.3	2 59.7 64.6 1.7 2 60.0 64.7 1.8 2 60.0 64.7 1.8 2 60.0 64.7 1.8	67.4         54.6         63.5         0.6         66.3           67.5         54.5         63.5         0.6         66.3           67.5         54.4         63.5         0.6         66.3           67.5         54.4         63.5         0.6         66.3	51.4         63.2         0.3           52.9         63.4         0.4           54.6         63.5         0.6	66.0         54.9         63.6         0.6         66.4           66.2         56.2         63.8         0.8         66.6           66.3         58.4         64.3         1.3         67.1           66.7         1.5         64.4         1.3         67.1	52.7 63.3 0.4 54.1 63.5 0.5 56.4 63.8 0.9	66.1         56.0         63.7         0.8         66.5           66.3         56.3         63.8         0.9         66.6           66.6         57.4         64.0         1.1         66.8           66.9         1.7         66.3         56.3         56.3	52.2 63.3 0.4 6 53.1 63.4 0.4 6 54.3 63.5 0.6 6	66.1         54.3         63.5         0.6           56.2         54.9         63.6         0.6           56.3         56.1         63.8         0.8	66.3         39.3         63.0         0.0           66.4         40.1         63.0         0.0           66.6         46.1         63.0         0.1           66.7         46.1         63.0         0.1	65.8 65.8 65.8
0528 019.0G 0528 020.0G 0528 021.0G 0528 022 0G	20 0528 21 0528 22 0528 22 0528	63.0 65.8 62.9 65.9 3.0 63.0 65.8 62.9 65.9 3.0 63.0 65.8 62.9 66.1 3.1 YES 63.0 65.8 62.9 65.9 3.0	68.4         62.4         65.7         2.7         68.5           68.7         63.1         66.0         3.1         YES         68.8           68.9         63.4         66.2         3.2         YES         69.0           68.7         63.7         66.4         3.4         YES         69.0	b1.2         b5.6         2.7         b8.4         b0.3         b5.0           62.8         65.9         2.9         68.7         60.7         65.0           63.0         66.0         3.0         YES         68.8         60.7         65.0           63.3         66.1         3.2         YES         68.8         60.7         65.0	2.1         67.8         58.8         64.4         1.4         67.3           2.0         67.8         58.8         64.4         1.4         67.3           2.0         67.8         58.8         64.4         1.4         67.3           2.0         67.8         58.8         64.4         1.4         67.2           2.0         67.8         58.8         64.4         1.4         67.2	2 60.0 64.7 1.8 2 60.0 64.7 1.8 2 60.0 64.7 1.8 2 60.1 64.8 1.8	b7.5         54.4         b5.5         0.6         b6.3           67.5         54.4         63.5         0.6         66.3           67.5         54.3         63.5         0.6         66.3           67.5         54.3         63.5         0.6         66.3           67.6         54.3         63.5         0.6         66.3	55.5 63.7 0.7 56.6 63.9 0.9 57.8 64.1 1.2 58.5 64.3 1.3	bb.5         59.5         64.6         1.6         67.4           66.7         60.1         64.8         1.8         67.6           66.9         60.7         65.0         2.0         67.8           67.1         61.6         65.3         2.4         68.1	57.2 64.0 1.0 57.7 64.1 1.1 58.5 64.3 1.3 59.6 64.6 1.7	bb.8 57.6 64.1 1.1 66.9 66.9 58.0 64.2 1.2 67.0 67.1 58.1 64.2 1.2 67.0 67.4 58.1 64.2 1.2 67.0	55.5 63.7 0.7 6 56.3 63.8 0.9 6 56.3 63.8 0.9 6 56.3 63.8 0.9 6	56.5 55.9 63.9 1.0 56.6 57.5 64.0 1.1 56.6 57.6 64.1 1.1 56.6 57.6 64.1 1.1	bb.7         4b.1         b3.0         0.1           66.8         46.5         63.0         0.1           66.9         46.6         63.0         0.1           66.9         46.6         63.0         0.1	65.8 65.8 65.8
0528 023.0G 0528 024.0G 0528 025.0G	23 0528 24 0528 25 0528	63.0         65.8         63.3         66.1         3.2         YES           63.0         65.8         63.4         66.2         3.2         YES           63.0         65.8         63.3         66.1         3.2         YES           63.0         65.8         63.3         66.1         3.2         YES	68.9         64.0         66.5         3.6         YES         69.3           69.0         64.1         66.6         3.6         YES         69.4           68.9         64.3         66.7         3.7         YES         69.5	63.7         66.4         3.4         YES         69.2         60.6         64.9           63.8         66.4         3.5         YES         69.2         60.6         64.9           63.8         66.4         3.5         YES         69.2         60.6         64.9           63.8         66.4         3.5         YES         69.2         60.6         64.9	2.0         67.7         58.9         64.4         1.4         67.2           2.0         67.7         58.8         64.4         1.4         67.2           2.0         67.7         58.8         64.4         1.4         67.2           2.0         67.7         58.8         64.4         1.4         67.2           2.0         67.7         58.8         64.4         1.4         67.2	2 60.1 64.8 1.8 2 60.0 64.7 1.8 2 60.0 64.7 1.8	67.6         54.3         63.5         0.6         66.3           67.5         54.2         63.5         0.5         66.3           67.5         54.2         63.5         0.5         66.3           67.5         54.2         63.5         0.5         66.3	58.8         64.4         1.4           59.4         64.5         1.6           59.7         64.6         1.7	67.2         62.2         65.6         2.7         68.4           67.3         62.8         65.9         2.9         68.7           67.4         62.9         65.9         3.0         68.7	60.2         64.8         1.8           60.8         65.0         2.1           60.8         65.0         2.1	67.6         58.5         64.3         1.3         67.1           67.8         58.7         64.3         1.4         67.1           67.8         58.8         64.4         1.4         67.2	56.9         63.9         1.0         6           57.2         64.0         1.0         6           57.1         64.0         1.0         6	56.7         58.1         64.2         1.2           56.8         58.4         64.3         1.3           56.8         58.4         64.3         1.3	67.0         46.7         63.1         0.1           67.1         49.0         63.1         0.2           67.1         48.9         63.1         0.2	65.9 65.9 65.9
0528 026.0G 0528 027.0G 0528 028.0G	26 0528 27 0528 28 0528	63.0 65.8 63.2 66.1 3.1 YES 63.0 65.8 63.2 66.1 3.1 YES 63.0 65.8 63.0 66.0 3.0 YES	68.9         64.3         66.7         3.7         YES         69.5           68.9         64.1         66.6         3.6         YES         69.4           68.8         63.9         66.5         3.5         YES         69.3           69.8         63.9         66.5         3.5         YES         69.3	63.7         66.4         3.4         YES         69.2         60.5         64.9           63.6         66.3         3.3         YES         69.1         60.5         64.9           63.3         66.1         3.2         YES         68.9         60.4         64.9           63.6         66.1         3.2         YES         68.9         60.4         64.9	2.0         67.7         58.8         64.4         1.4         67.2           2.0         67.7         58.7         64.3         1.4         67.3           1.9         67.7         58.7         64.3         1.4         67.3           1.9         67.7         58.7         64.3         1.4         67.3	2 60.0 64.7 1.8 1 59.9 64.7 1.7 1 59.9 64.7 1.7 1 59.9 64.7 1.7	67.5         54.1         63.5         0.5         66.3           67.5         54.1         63.5         0.5         66.3           67.5         54.1         63.5         0.5         66.3           67.5         54.1         63.5         0.5         66.3           67.5         54.1         63.5         0.5         66.3	59.8 64.7 1.7 59.9 64.7 1.7 59.6 64.6 1.7 59.6 64.6 1.7	67.5         63.0         66.0         3.0         YES         68.8           67.5         63.1         66.0         3.1         YES         68.8           67.4         63.1         66.0         3.1         YES         68.8           67.4         63.1         66.0         3.1         YES         68.8           67.4         63.1         66.0         3.1         YES         68.8	60.9 65.1 2.1 60.9 65.1 2.1 61.0 65.1 2.1	67.9         58.8         64.4         1.4         67.2           67.9         58.7         64.3         1.4         67.1           67.9         58.7         64.3         1.4         67.1           67.9         58.7         64.3         1.4         67.1	57.1         64.0         1.0         6           57.1         64.0         1.0         6           57.0         63.9         1.0         6	66.8         58.3         64.2         1.3           66.8         58.3         64.2         1.3           66.7         58.3         64.2         1.3           66.7         58.3         64.2         1.3	67.0 48.6 63.1 0.2 67.0 48.6 63.1 0.2 67.0 48.6 63.1 0.2 67.0 48.6 63.1 0.2	65.9 65.9 65.9
0528 030.0G 0528 030.0G 0528 031.0G 0528 032.0G	30 0528 31 0528 32 0528	63.0 65.8 62.9 65.9 3.0 63.0 65.8 62.9 65.9 3.0 63.0 65.8 62.8 65.9 2.9 63.0 65.8 62.7 65.8 2.9	68.7         63.9         66.5         3.5         TES         69.3           68.7         63.8         66.4         3.5         YES         69.2           68.7         63.7         66.4         3.4         YES         69.2           68.7         63.7         66.4         3.4         YES         69.2           68.6         63.7         66.4         3.4         YES         69.2	b5.2         b6.1         3.1         TES         b8.9         b0.4         b6.9         b6.9         b6.3         b6.4         b6.4         b6.9         b6.3         b6.4         b6.4         b6.9         b6.3         b	19         67.7         58.6         64.3         1.4         67.3           19         67.7         58.6         64.3         1.4         67.3           19         67.6         58.5         64.3         1.4         67.3           19         67.6         58.5         64.3         1.3         67.3           19         67.6         58.5         64.3         1.3         67.3	1 59.8 64.7 1.7 1 59.7 64.6 1.7 1 59.7 64.6 1.7 1 59.6 64.6 1.7	b7.5         54.0         b5.5         0.5         b6.3           67.4         54.0         63.5         0.5         66.3           67.4         54.0         63.5         0.5         66.3           67.4         54.0         63.5         0.5         66.3           67.4         53.9         63.5         0.5         66.3	59.8 64.7 1.7 60.0 64.7 1.8 60.0 64.7 1.8 59.9 64.7 1.7	b7.5         63.0         66.0         3.0         HLS         68.8           67.5         63.0         66.0         3.0         YES         68.8           67.5         63.0         66.0         3.0         YES         68.8           67.5         63.0         66.0         3.0         YES         68.8           67.5         63.0         66.9         3.0         YES         68.8	60.8 65.0 2.1 60.8 65.0 2.1 60.8 65.0 2.1 60.9 65.1 2.1	b7.8 58.7 64.3 1.4 67.1 67.8 58.7 64.3 1.4 67.1 67.8 58.7 64.3 1.4 67.1 67.9 58.7 64.3 1.4 67.1	57.0 63.9 1.0 66 57.0 63.9 1.0 66 56.9 63.9 1.0 66 56.9 63.9 1.0 66	bb./         58.2         64.2         1.3           56.7         58.2         64.2         1.3           56.7         58.2         64.2         1.3           56.7         58.2         64.2         1.3           56.7         58.1         64.2         1.2	67.0 48.5 63.1 0.2 67.0 48.5 63.1 0.2 67.0 48.5 63.1 0.2 67.0 48.5 63.1 0.2	65.9 65.9 65.9
0528 033.0G 0528 034.0G 0528 035.0G	33 0528 34 0528 35 0528	63.0         65.8         62.6         65.8         2.8           63.0         65.8         62.3         65.6         2.7           63.0         65.8         62.3         65.6         2.7	68.6         63.5         66.2         3.3         YES         69.0           68.4         63.2         66.1         3.1         YES         68.9           68.4         63.2         66.1         3.1         YES         68.9           68.4         63.2         66.1         3.1         YES         68.9	63.0         66.0         3.0         YES         68.8         60.2         64.8           62.9         65.9         3.0         68.7         60.2         64.8           62.8         65.9         2.9         68.7         60.1         64.8	1.8         67.6         58.5         64.3         1.3         67.1           1.8         67.6         58.4         64.3         1.3         67.1           1.8         67.6         58.4         64.3         1.3         67.1           1.8         67.6         58.4         64.3         1.3         67.1	1 59.6 64.6 1.7 1 59.5 64.6 1.6 1 59.5 64.6 1.6	67.4         53.9         63.5         0.5         66.3           67.4         53.8         63.4         0.5         66.2           67.4         53.7         63.4         0.5         66.2	59.3         64.5         1.6           59.5         64.6         1.6           59.7         64.6         1.7	67.3         63.0         66.0         3.0         YES         68.8           67.4         63.0         66.0         3.0         YES         68.8           67.4         63.2         66.1         3.1         YES         68.9	60.9         65.1         2.1           60.9         65.1         2.1           61.2         65.2         2.2	67.9         58.7         64.3         1.4         67.1           67.9         58.6         64.3         1.4         67.1           68.0         58.6         64.3         1.4         67.1	56.8         63.9         0.9         6           56.8         63.9         0.9         6           56.8         63.9         0.9         6	56.7         58.1         64.2         1.2           56.7         58.1         64.2         1.2           56.7         58.0         64.2         1.2	67.0         48.4         63.1         0.1           67.0         48.4         63.1         0.1           67.0         48.4         63.1         0.1	65.9 65.9 65.9
0528 036.0G 0528 037.0G 0528 038.0G	36 0528 37 0528 38 0528	63.0         65.8         62.2         65.6         2.7           63.0         65.8         62.2         65.6         2.7           63.0         65.8         62.2         65.6         2.7           63.0         65.8         62.1         65.6         2.6           63.0         65.8         62.1         65.6         2.6	68.4         63.2         66.1         3.1         YES         68.9           68.4         63.1         66.0         3.1         YES         68.8           68.4         63.1         66.0         3.1         YES         68.8           68.4         63.1         66.0         3.1         YES         68.8           68.4         63.1         66.0         3.1         YES         68.8	62.8         65.9         2.9         68.7         60.1         64.8           62.7         65.8         2.9         68.6         60.0         64.7           62.3         65.6         2.7         68.4         60.0         64.7           62.3         65.6         2.7         68.4         60.0         64.7	1.8         67.6         58.3         64.2         1.3         67.0           1.8         67.5         58.2         64.2         1.3         67.0           1.8         67.5         58.2         64.2         1.3         67.0           1.8         67.5         58.2         64.2         1.3         67.0           1.8         67.5         58.2         64.2         1.3         67.0           1.8         67.5         58.2         64.2         1.3         67.0	0 59.4 64.5 1.6 0 59.4 64.5 1.6 0 59.3 64.5 1.6	67.3         53.7         63.4         0.5         66.2           67.3         53.7         63.4         0.5         66.2           67.3         53.6         63.4         0.5         66.2           67.3         53.6         63.4         0.5         66.2           67.3         53.6         63.4         0.5         66.2	59.8 64.7 1.7 60.0 64.7 1.8 60.2 64.8 1.8	67.5         63.1         66.0         3.1         YES         68.8           67.5         63.1         66.0         3.1         YES         68.8           67.6         63.1         66.0         3.1         YES         68.8           67.6         63.1         66.0         3.1         YES         68.8           67.6         63.1         66.0         3.1         YES         68.8	61.0 65.1 2.1 61.0 65.1 2.1 61.0 65.1 2.1	67.9         58.6         64.3         1.4         67.1           67.9         58.6         64.3         1.4         67.1           67.9         58.6         64.3         1.4         67.1           67.9         58.6         64.3         1.4         67.1           67.9         58.6         64.3         1.4         67.1	56.7         63.9         0.9         6           56.7         63.9         0.9         6           56.6         63.9         0.9         6           56.6         63.9         0.9         6	66.7 58.0 64.2 1.2 66.7 57.9 64.1 1.2 66.7 57.9 64.1 1.2	67.0 48.3 63.1 0.1 66.9 48.3 63.1 0.1 66.9 48.3 63.1 0.1 66.9 48.3 63.1 0.1	65.9 65.9 65.9
0528 039.0G 0528 040.0G 0528 041.0G 0528 042.0G	39 0528 40 0528 41 0528 42 0528	63.0 65.8 62.1 65.6 2.6 63.0 65.8 62.0 65.5 2.6 63.0 65.8 61.7 65.4 2.4 63.0 65.8 61.7 65.4 2.4	68.4         63.1         66.0         3.1         YES         68.8           68.3         62.9         65.9         3.0         68.7           68.2         62.8         65.9         2.9         68.7           68.2         62.8         65.9         2.9         68.7	62.3         65.6         2.7         68.4         59.9         64.7           62.1         65.6         2.6         68.4         59.9         64.7           62.0         65.5         2.6         68.3         59.8         64.7           61.9         65.5         2.6         68.3         59.8         64.7	1.7         67.5         58.1         64.2         1.2         67.6           1.7         67.5         58.1         64.2         1.2         67.6           1.7         67.5         58.0         64.2         1.2         67.6           1.7         67.5         58.0         64.2         1.2         67.6           1.7         67.5         58.0         64.2         1.2         67.6	0 59.2 64.5 1.5 0 59.2 64.5 1.5 0 59.2 64.5 1.5 0 59.2 64.5 1.5 0 59.1 64.4 1.5	67.3         53.6         63.4         0.5         66.2           67.3         53.6         63.4         0.5         66.2           67.3         53.5         63.4         0.5         66.2           67.3         53.5         63.4         0.5         66.2           67.3         53.5         63.4         0.5         66.2           67.2         53.5         63.4         0.5         66.2	59.9         64.7         1.7           59.8         64.7         1.7           59.7         64.6         1.7           59.6         64.6         1.7	67.5         63.1         66.0         3.1         YES         68.8           67.5         63.1         66.0         3.1         YES         68.8           67.4         63.0         66.0         3.0         YES         68.8           67.4         63.0         66.0         3.0         YES         68.8	61.0 65.1 2.1 61.0 65.1 2.1 61.0 65.1 2.1 61.0 65.1 2.1	67.9         58.5         64.3         1.3         67.1           67.9         58.5         64.3         1.3         67.1           67.9         58.5         64.3         1.3         67.1           67.9         58.5         64.3         1.3         67.1           67.9         58.5         64.3         1.3         67.1           67.9         58.5         64.3         1.3         67.1	56.6         63.9         0.9         6           56.5         63.8         0.9         6           56.5         63.8         0.9         6           56.5         63.8         0.9         6           56.4         63.8         0.9         6	56.7 57.9 64.1 1.2 56.6 57.8 64.1 1.2 56.6 57.8 64.1 1.2 56.6 57.7 64.1 1.2	66.9         48.3         63.1         0.1           66.9         48.2         63.1         0.1           66.9         48.2         63.1         0.1           66.9         48.2         63.1         0.1           66.9         48.2         63.1         0.1	65.9 65.9 65.9 65.9
052C 001.OG 052C 002.OG 052C 003.OG	1 0528 2 0528 3 0528	63.0         65.8         48.9         63.1         0.2           63.0         65.8         49.5         63.1         0.2           63.0         65.8         50.0         63.2         0.2	65.9         51.7         63.3         0.3         66.1           65.9         52.4         63.3         0.4         66.1           66.0         53.0         63.4         0.4         66.2	47.3         63.1         0.1         65.9         53.1         63.4           50.4         63.2         0.2         66.0         50.0         63.2           51.1         63.2         0.3         66.0         51.0         63.2	0.4 66.2 50.5 63.2 0.2 66.0 0.2 66.0 50.8 63.2 0.3 66.0 0.3 66.0 52.1 63.3 0.3 66.1	0 50.6 63.2 0.2 0 50.2 63.2 0.2 1 50.4 63.2 0.2	66.0         43.6         63.0         0.1         65.8           66.0         46.1         63.0         0.1         65.8           66.0         46.1         63.0         0.1         65.8           66.0         43.9         63.0         0.1         65.8	37.5         63.0         0.0           37.2         63.0         0.0           36.6         63.0         0.0	65.8         41.5         63.0         0.0         65.8           65.8         41.4         63.0         0.0         65.8           65.8         41.4         63.0         0.0         65.8           65.8         41.4         63.0         0.0         65.8	39.0 63.0 0.0 39.1 63.0 0.0 39.2 63.0 0.0	65.8         35.3         63.0         0.0         65.8           65.8         35.5         63.0         0.0         65.8           65.8         36.0         63.0         0.0         65.8           65.8         36.0         63.0         0.0         65.8	33.6         63.0         0.0         6           33.7         63.0         0.0         6           34.0         63.0         0.0         6	55.8         35.6         63.0         0.0           55.8         35.7         63.0         0.0           55.8         36.2         63.0         0.0	65.8         31.4         63.0         0.0           65.8         31.6         63.0         0.0           65.8         32.1         63.0         0.0	65.8 65.8 65.8
052C 004.0G 052C 005.0G 052C 006.0G	4 0528 5 0528 6 0528	63.0         65.8         49.9         63.2         0.2           63.0         65.8         46.9         63.1         0.1           63.0         65.8         48.2         63.1         0.1           63.0         65.8         48.2         63.1         0.1	66.0         53.4         63.4         0.5         66.2           65.9         50.0         63.2         0.2         66.0           65.9         50.4         63.2         0.2         66.0           65.9         50.4         63.2         0.2         66.0	50.6         63.2         0.2         66.0         49.6         63.1           49.1         63.1         0.2         65.9         49.7         63.2           49.6         63.1         0.2         65.9         50.7         63.2           49.6         63.1         0.2         65.9         50.7         63.2           70.7         63.2         60.0         70.7         63.2	0.2 65.9 49.6 63.1 0.2 65.9 0.2 66.0 49.6 63.1 0.2 65.9 0.3 66.0 50.7 63.2 0.3 66.0	9 48.1 63.1 0.1 9 48.1 63.1 0.1 0 49.5 63.1 0.2 0 40.5 63.1 0.2	65.9         34.8         63.0         0.0         65.8           65.9         34.9         63.0         0.0         65.8           65.9         38.0         63.0         0.0         65.8           65.9         38.0         63.0         0.0         65.8           65.9         38.0         63.0         0.0         65.8	36.4 63.0 0.0 37.1 63.0 0.0 37.6 63.0 0.0 37.6 0.0	65.8         40.6         63.0         0.0         65.8           65.8         40.9         63.0         0.0         65.8           65.8         41.4         63.0         0.0         65.8           65.8         41.4         63.0         0.0         65.8	38.0 63.0 0.0 38.2 63.0 0.0 38.7 63.0 0.0	65.8         36.2         63.0         0.0         65.8           65.8         36.4         63.0         0.0         65.8           65.8         36.6         63.0         0.0         65.8           65.8         36.6         63.0         0.0         65.8           65.8         36.6         63.0         0.0         65.8	34.2         63.0         0.0         6           34.3         63.0         0.0         6           34.3         63.0         0.0         6           34.3         63.0         0.0         6	35.8         36.3         63.0         0.0           55.8         36.5         63.0         0.0           55.8         36.5         63.0         0.0           55.8         36.5         63.0         0.0	65.8         32.4         63.0         0.0           65.8         32.6         63.0         0.0           65.8         32.6         63.0         0.0           65.8         32.6         63.0         0.0	65.8 65.8 65.8
052C 009.0G 052C 009.0G 052C 010.0G	8 0528 9 0528 10 0528	63.0         63.8         49.1         63.1         0.2           63.0         65.8         50.3         63.2         0.2           63.0         65.8         50.7         63.2         0.3           63.0         65.8         51.7         63.3         0.3	65.9         31.4         65.2         0.5         96.0           66.0         52.1         63.3         0.3         66.1           66.0         54.2         63.5         0.5         66.3           66.1         54.2         63.5         0.6         66.3	50.7         63.2         0.3         66.0         50.7         63.2           51.0         63.2         0.3         66.0         50.7         63.2           51.4         63.2         0.3         66.0         50.7         63.2           51.4         63.2         0.3         66.0         50.7         63.2           51.6         63.3         0.3         66.1         50.7         63.2	0.3 66.0 50.7 63.2 0.3 66.0 0.3 66.0 50.7 63.2 0.3 66.0 0.3 66.0 50.7 63.2 0.3 66.0	0         45.5         65.1         0.2           0         49.5         63.1         0.2           0         50.1         63.2         0.2           0         50.1         63.2         0.2	65.9         38.1         63.0         0.0         65.8           66.0         38.2         63.0         0.0         65.8           66.0         38.2         63.0         0.0         65.8	38.5 63.0 0.0 38.8 63.0 0.0 38.8 63.0 0.0 38.8 63.0 0.0	05.8         41.5         05.0         0.0         05.8           65.8         42.3         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8           65.8         42.7         63.0         0.0         65.8	33.1 63.0 0.0 39.8 63.0 0.0 40.0 63.0 0.0 40.0 63.0 0.0	57.2         55.0         0.0         65.8           65.8         37.2         63.0         0.0         65.8           65.8         38.1         63.0         0.0         65.8           65.8         38.1         63.0         0.0         65.8	34.6 63.0 0.0 6 34.6 63.0 0.0 6 34.6 63.0 0.0 6 34.6 63.0 0.0 6	55.8 36.9 63.0 0.0 55.8 36.9 63.0 0.0 55.8 36.9 63.0 0.0 55.8 36.9 63.0 0.0	65.8 33.1 63.0 0.0 65.8 33.0 63.0 0.0 65.8 33.0 63.0 0.0	65.8 65.8 65.8
052C 011.0G 052C 012.0G 052C 013.0G	11 052B 12 052B 13 052B	63.0         65.8         52.6         63.3         0.4           63.0         65.8         52.7         63.3         0.4           63.0         65.8         52.6         63.3         0.4	66.1         54.4         63.5         0.6         66.3           66.1         57.3         64.0         1.0         66.8           66.1         57.5         64.0         1.1         66.8	52.7         63.3         0.4         66.1         50.7         63.2           52.8         63.4         0.4         66.2         50.7         63.2           53.1         63.4         0.4         66.2         50.7         63.2	0.3         66.0         50.7         63.2         0.3         66.0           0.3         66.0         50.7         63.2         0.3         66.0           0.3         66.0         51.0         63.2         0.3         66.0	0 50.1 63.2 0.2 0 50.1 63.2 0.2 0 50.4 63.2 0.2	66.0         38.2         63.0         0.0         65.8           66.0         38.3         63.0         0.0         65.8           66.0         38.3         63.0         0.0         65.8           66.0         38.3         63.0         0.0         65.8	38.8         63.0         0.0           39.0         63.0         0.0           39.2         63.0         0.0	65.8         42.8         63.0         0.0         65.8           65.8         42.8         63.0         0.0         65.8           65.8         43.0         63.0         0.0         65.8	40.1 63.0 0.0 40.2 63.0 0.0 40.4 63.0 0.0	65.8         38.2         63.0         0.0         65.8           65.8         38.3         63.0         0.0         65.8           65.8         38.4         63.0         0.0         65.8	34.7         63.0         0.0         6           34.7         63.0         0.0         6           34.8         63.0         0.0         6	55.8         37.0         63.0         0.0           55.8         37.0         63.0         0.0           55.8         37.1         63.0         0.0	65.8         33.1         63.0         0.0           65.8         33.2         63.0         0.0           65.8         33.3         63.0         0.0	65.8 65.8 65.8
052C 014.OG 052C 015.OG 052C 016.OG	14 0528 15 0528 16 0528	63.0 65.8 52.6 63.3 0.4 63.0 65.8 52.6 63.3 0.4 63.0 65.8 52.6 63.3 0.4 63.0 65.8 52.6 63.3 0.4	66.1         56.3         63.8         0.9         66.6           66.1         55.4         63.7         0.7         66.5           66.1         56.7         63.9         0.9         66.7           66.1         56.7         63.9         0.9         66.7	52.4         63.3         0.4         66.1         48.9         63.1           52.4         63.3         0.4         66.1         48.9         63.1           51.3         63.2         0.3         66.0         48.8         63.1           51.3         63.2         0.3         66.0         48.8         63.1	0.2         65.9         49.3         63.1         0.2         65.9           0.2         65.9         49.3         63.1         0.2         65.5           0.2         65.9         49.3         63.1         0.2         65.5           0.2         65.9         49.3         63.1         0.2         65.5           0.2         65.9         49.3         63.1         0.2         65.5           0.2         65.9         49.3         63.1         0.2         65.5           0.2         65.9         49.3         63.1         0.2         65.5	9 49.2 63.1 0.2 9 49.1 63.1 0.2 9 49.2 63.1 0.2 9 49.2 63.1 0.2	65.9         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8	39.2         63.0         0.0           39.3         63.0         0.0           39.5         63.0         0.0	65.8         43.1         63.0         0.0         65.8           65.8         43.2         63.0         0.0         65.8           65.8         43.3         63.0         0.0         65.8           65.8         43.3         63.0         0.0         65.8           65.8         43.3         63.0         0.0         65.8	40.5 63.0 0.0 40.6 63.0 0.0 40.6 63.0 0.0	65.8         38.4         63.0         0.0         65.8           65.8         38.5         63.0         0.0         65.8           65.8         38.6         63.0         0.0         65.8           65.8         38.6         63.0         0.0         65.8           65.8         38.6         63.0         0.0         65.8	34.9 63.0 0.0 6 34.9 63.0 0.0 6 35.0 63.0 0.0 6 35.0 63.0 0.0 6 36.0 0.0 6	55.8         37.2         63.0         0.0           55.8         37.3         63.0         0.0           55.8         37.3         63.0         0.0           55.8         37.3         63.0         0.0	65.8         33.4         63.0         0.0           65.8         33.5         63.0         0.0           65.8         33.6         63.0         0.0           65.8         33.6         63.0         0.0	65.8 65.8 65.8
052C 017.0G 052C 018.0G 052C 019.0G 052C 020.0G	17 0528 18 0528 19 0528 20 0528	63.0         63.8         32.7         63.3         0.4           63.0         65.8         52.7         63.3         0.4           63.0         65.8         52.1         63.3         0.3           63.0         65.8         53.5         63.4         0.5	00.1         36.8         05.7         0.7         00.7           66.1         55.7         63.7         0.7         66.5           66.1         56.4         63.8         0.9         66.6           66.2         57.5         64.0         1.1         66.8	52.0         65.3         0.3         66.1         48.8         63.1           52.0         63.3         0.3         66.1         48.8         63.1           52.3         63.3         0.4         66.1         48.8         63.1           53.7         63.4         0.5         66.2         48.8         63.1	0.2 65.9 49.8 63.2 0.2 66.0 0.2 65.9 49.8 63.2 0.2 66.0 0.2 65.9 49.8 63.2 0.2 66.0	0 49.7 63.2 0.2 0 49.6 63.1 0.2 0 49.6 63.1 0.2 0 49.9 63.1 0.2	66.0         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8	35.5 63.0 0.0 39.5 63.0 0.0 39.8 63.0 0.0 39.9 63.0 0.0	65.8         43.4         63.0         0.0         65.8           65.8         43.4         63.0         0.0         65.8           65.8         43.4         63.0         0.0         65.8           65.8         43.4         63.0         0.0         65.8           65.8         44.8         63.0         0.1         65.8	40.7 65.0 0.0 40.7 65.0 0.0 40.8 63.0 0.0 42.0 63.0 0.0	53.8         53.0         63.0         0.0         65.8           65.8         38.7         63.0         0.0         65.8           65.8         38.8         63.0         0.0         65.8           65.8         41.0         63.0         0.0         65.8	35.1 63.0 0.0 6 35.1 63.0 0.0 6 35.2 63.0 0.0 6 35.5 63.0 0.0 6	55.8 37.4 63.0 0.0 55.8 37.5 63.0 0.0 55.8 37.9 63.0 0.0	65.8 33.7 63.0 0.0 65.8 33.7 63.0 0.0 65.8 33.8 63.0 0.0 65.8 34.0 63.0 0.0	65.8 65.8 65.8
052C 021.0G 052C 022.0G 052C 023.0G	21 0528 22 0528 23 0528	63.0         65.8         54.0         63.5         0.5           63.0         65.8         55.0         63.6         0.6           63.0         65.8         54.9         63.6         0.6	66.3         57.2         64.0         1.0         66.8           66.4         57.3         64.0         1.0         66.8           66.4         57.5         64.0         1.1         66.8	54.5         63.5         0.6         66.3         48.8         63.1           54.5         63.5         0.6         66.3         48.8         63.1           55.0         63.6         0.6         66.4         48.8         63.1	0.2 65.9 49.8 63.2 0.2 66.0 0.2 65.9 49.8 63.2 0.2 66.0 0.2 65.9 49.7 63.2 0.2 66.0	0 48.9 63.1 0.2 0 48.9 63.1 0.2 0 48.9 63.1 0.2	65.9         38.4         63.0         0.0         65.8           65.9         38.5         63.0         0.0         65.8           65.9         38.8         63.0         0.0         65.8	40.6 63.0 0.0 42.2 63.0 0.0 43.7 63.0 0.1	65.8         46.6         63.0         0.1         65.8           65.8         47.2         63.1         0.1         65.9           65.8         48.1         63.1         0.1         65.9	43.5 63.0 0.0 44.5 63.0 0.1 46.4 63.0 0.1	65.8         42.2         63.0         0.0         65.8           65.8         42.9         63.0         0.0         65.8           65.8         42.9         63.0         0.0         65.8           65.8         42.9         63.0         0.0         65.8	40.0         63.0         0.0         6           41.1         63.0         0.0         6           41.1         63.0         0.0         6	55.8         42.2         63.0         0.0           55.8         42.9         63.0         0.0           55.8         42.9         63.0         0.0	65.8         38.3         63.0         0.0           65.8         38.3         63.0         0.0           65.8         38.3         63.0         0.0	65.8 65.8 65.8
052C 024.OG 052C 025.OG 052C 026.OG 052C 027.OG	24 0528 25 0528 26 0528 27 0528	63.0         65.8         55.2         63.6         0.7           63.0         65.8         55.4         63.7         0.7           63.0         65.8         54.7         63.6         0.6           62.0         65.8         55.1         63.6         0.6	66.4         58.0         64.2         1.2         67.0           66.5         59.0         64.4         1.5         67.2           66.4         58.9         64.4         1.4         67.2           66.4         58.9         64.4         1.5         67.2	55.9         63.7         0.8         66.5         48.7         63.1           55.8         63.7         0.8         66.5         48.7         63.1           55.4         63.7         0.7         66.5         48.7         63.1           55.4         63.7         0.7         66.5         48.7         63.1	0.2 65.9 49.7 63.2 0.2 66.0 0.2 65.9 49.7 63.2 0.2 66.0	0 48.9 63.1 0.2 0 48.9 63.1 0.2 0 48.9 63.1 0.2 0 48.9 63.1 0.2	65.9         38.8         63.0         0.0         65.8           65.9         38.8         63.0         0.0         65.8           65.9         38.8         63.0         0.0         65.8           65.9         38.8         63.0         0.0         65.8           65.9         38.8         63.0         0.0         65.8	44.4 63.0 0.1 44.3 63.0 0.1 44.3 63.0 0.1 44.3 63.0 0.1	65.8         48.5         63.1         0.2         65.9           65.8         48.4         63.1         0.1         65.9           65.8         48.4         63.1         0.1         65.9           65.8         48.4         63.1         0.1         65.9           65.8         48.4         63.1         0.1         65.9	46.8 63.1 0.1 46.8 63.1 0.1 46.8 63.1 0.1	65.9         42.9         63.0         0.0         65.8           65.9         42.8         63.0         0.0         65.8           65.9         42.8         63.0         0.0         65.8           65.9         42.8         63.0         0.0         65.8           65.9         42.8         63.0         0.0         65.8	41.1 63.0 0.0 6 41.0	55.8         42.9         63.0         0.0           55.8         42.9         63.0         0.0           55.8         42.8         63.0         0.0           55.8         42.8         63.0         0.0	65.8         38.3         63.0         0.0           65.8         38.3         63.0         0.0           65.8         38.2         63.0         0.0           65.8         38.2         63.0         0.0	65.8 65.8 65.8
052C 029.0G 052C 029.0G 052C 030.0G	28 052B 29 052B 30 052B	63.0 65.8 55.0 63.6 0.6 63.0 65.8 55.0 63.6 0.6 63.0 65.8 54.9 63.6 0.6	66.4         58.5         64.3         1.3         67.1           66.4         58.5         64.3         1.3         67.1           66.4         58.4         64.3         1.3         67.1	55.3         63.6         0.7         66.4         48.6         63.1           55.3         63.6         0.7         66.4         48.6         63.1           55.2         63.6         0.7         66.4         48.6         63.1	0.2 65.9 49.6 63.1 0.2 65.5 0.2 65.9 49.6 63.1 0.2 65.5 0.2 65.9 49.6 63.1 0.2 65.5	9 48.8 63.1 0.2 9 48.8 63.1 0.2 9 48.7 63.1 0.2	65.9         38.8         63.0         0.0         65.8           65.9         38.8         63.0         0.0         65.8           65.9         38.6         63.0         0.0         65.8           65.9         38.6         63.0         0.0         65.8	44.2         63.0         0.1           44.2         63.0         0.1           44.1         63.0         0.1	65.8         48.3         63.1         0.1         65.9           65.8         48.3         63.1         0.1         65.9           65.8         48.3         63.1         0.1         65.9           65.8         48.2         63.1         0.1         65.9	46.8 63.1 0.1 46.8 63.1 0.1 46.7 63.1 0.1	42.8         63.0         0.0         65.8           65.9         42.8         63.0         0.0         65.8           65.9         42.7         63.0         0.0         65.8	41.0 63.0 0.0 6 41.0 63.0 0.0 6 40.9 63.0 0.0 6	55.8         42.8         63.0         0.0           55.8         42.8         63.0         0.0           55.8         42.8         63.0         0.0           55.8         42.7         63.0         0.0	65.8 38.2 63.0 0.0 65.8 38.2 63.0 0.0 65.8 38.2 63.0 0.0	65.8 65.8 65.8
052C 031.0G 052C 032.0G 052C 033.0G	31 0528 32 0528 33 0528	63.0         65.8         54.9         63.6         0.6           63.0         65.8         54.8         63.6         0.6           63.0         65.8         54.8         63.6         0.6           63.0         65.8         54.8         63.6         0.6	66.4         58.4         64.3         1.3         67.1           66.4         58.4         64.3         1.3         67.1           66.4         58.4         64.3         1.3         67.1           66.4         58.4         64.3         1.3         67.1           66.4         58.4         64.3         1.3         67.1	55.2         63.6         0.7         66.4         48.5         63.1           55.2         63.6         0.7         66.4         48.5         63.1           55.2         63.6         0.7         66.4         48.5         63.1           55.2         63.6         0.7         66.4         48.5         63.1           55.2         63.6         0.7         66.4         48.5         63.1	0.2 65.9 49.5 63.1 0.2 65.9 0.2 65.9 49.5 63.1 0.2 65.9 0.2 65.9 49.5 63.1 0.2 65.9 0.2 65.9 49.5 63.1 0.2 65.9	9 48.7 63.1 0.2 9 48.8 63.1 0.2 9 48.7 63.1 0.2	65.9         38.6         63.0         0.0         65.8           65.9         38.6         63.0         0.0         65.8           65.9         38.6         63.0         0.0         65.8           65.9         38.6         63.0         0.0         65.8	44.1         63.0         0.1           44.1         63.0         0.1           44.0         63.0         0.1	65.8         48.2         63.1         0.1         65.9           65.8         48.2         63.1         0.1         65.9           65.8         48.1         63.1         0.1         65.9	46.7 63.1 0.1 46.7 63.1 0.1 46.6 63.0 0.1	65.9         42.7         63.0         0.0         65.8           65.9         42.7         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8	40.8         63.0         0.0         6           40.8         63.0         0.0         6           40.8         63.0         0.0         6	55.8         42.6         63.0         0.0           55.8         42.6         63.0         0.0           55.8         42.6         63.0         0.0	65.8         38.0         63.0         0.0           65.8         38.0         63.0         0.0           65.8         38.0         63.0         0.0	65.8 65.8 65.8
052C 034.0G 052C 035.0G 052C 036.0G 052C 027.0G	34 0528 35 0528 36 0528 27 0528	63.0 65.8 54.8 63.6 0.6 63.0 65.8 54.7 63.6 0.6 63.0 65.8 54.7 63.6 0.6 63.0 65.8 54.7 63.6 0.6	66.4         57.6         64.1         1.1         66.9           66.4         57.6         64.1         1.1         66.9           66.4         57.7         64.1         1.1         66.9           66.2         57.7         64.1         1.1         66.9           66.2         57.7         64.1         1.1         66.9	55.2         63.6         0.7         66.4         48.4         63.1           55.2         63.6         0.7         66.4         48.4         63.1           55.1         63.6         0.7         66.4         48.4         63.1           55.1         63.6         0.7         66.4         48.4         63.1           55.1         63.6         0.7         66.4         48.4         63.1	0.1         65.9         49.5         63.1         0.2         65.5           0.1         65.9         49.4         63.1         0.2         65.5           0.1         65.9         49.4         63.1         0.2         65.5           0.1         65.9         49.4         63.1         0.2         65.5           0.1         65.9         49.4         63.1         0.2         65.5	9 48.7 63.1 0.2 9 48.7 63.1 0.2 9 48.6 63.1 0.2 9 48.6 63.1 0.2	65.9         38.6         63.0         0.0         65.8           65.9         38.5         63.0         0.0         65.8           65.9         38.5         63.0         0.0         65.8           65.9         38.5         63.0         0.0         65.8           65.9         38.5         63.0         0.0         65.8	44.0 63.0 0.1 44.0 63.0 0.1 43.9 63.0 0.1 42.9 62.0 0.1	65.8         48.1         63.1         0.1         65.9           65.8         48.1         63.1         0.1         65.9           65.8         48.1         63.1         0.1         65.9           65.8         48.1         63.1         0.1         65.9           65.8         48.1         63.1         0.1         65.9	46.6 63.0 0.1 46.5 63.0 0.1 46.5 63.0 0.1	65.8         42.6         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8	40.8 63.0 0.0 6 40.7 63.0 0.0 6 40.7 63.0 0.0 6 40.7 63.0 0.0 6	55.8         42.6         63.0         0.0           55.8         42.5         63.0         0.0           55.8         42.5         63.0         0.0           55.8         42.5         63.0         0.0	65.8 38.0 63.0 0.0 65.8 37.9 63.0 0.0 65.8 37.9 63.0 0.0 65.8 37.9 63.0 0.0	65.8 65.8 65.8
052C 038.0G 052C 039.0G 052C 040.0G	38 0528 39 0528 40 0528	63.0         65.8         54.6         63.5         0.6           63.0         65.8         54.5         63.5         0.6           63.0         65.8         54.5         63.5         0.6           63.0         65.8         54.5         63.5         0.6	66.3         57.6         64.1         1.1         66.9           66.3         57.6         64.1         1.1         66.9           66.3         57.6         64.1         1.1         66.9           66.3         57.6         64.1         1.1         66.9	55.1         63.6         0.7         66.4         48.3         63.1           55.0         63.6         0.6         66.4         48.3         63.1           55.0         63.6         0.6         66.4         48.2         63.1           55.0         63.6         0.6         66.4         48.2         63.1	0.1         0.5         0.5         0.1         0.1         0.1           0.1         65.9         49.3         63.1         0.2         65.5           0.1         65.9         49.3         63.1         0.2         65.5           0.1         65.9         49.2         63.1         0.2         65.5	9 48.6 63.1 0.2 9 48.5 63.1 0.2 9 48.5 63.1 0.2	65.9         38.5         63.0         0.0         65.8           65.9         38.5         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8	43.9         63.0         0.1           43.8         63.0         0.1           43.8         63.0         0.1	65.8         48.0         63.1         0.1         65.9           65.8         48.0         63.1         0.1         65.9           65.8         48.0         63.1         0.1         65.9           65.8         48.0         63.1         0.1         65.9	46.5         63.0         0.1           46.4         63.0         0.1           46.4         63.0         0.1	42.5         63.0         0.0         65.8           65.8         42.5         63.0         0.0         65.8           65.8         42.5         63.0         0.0         65.8           65.8         42.5         63.0         0.0         65.8	40.7         63.0         0.0         6           40.6         63.0         0.0         6           40.6         63.0         0.0         6	55.8         42.5         63.0         0.0           55.8         42.4         63.0         0.0           55.8         42.4         63.0         0.0	65.8 37.9 63.0 0.0 65.8 37.9 63.0 0.0 65.8 37.9 63.0 0.0	65.8 65.8 65.8
052C 041.0G 052C 042.0G 052D 001.0G	41 0528 42 0528 1 052D	63.0         65.8         54.4         63.5         0.6           63.0         65.8         54.4         63.5         0.6           63.0         65.8         38.1         63.0         0.0	66.3         57.6         64.1         1.1         66.9           66.3         57.5         64.0         1.1         66.8           65.8         39.1         63.0         0.0         65.8	54.9         63.6         0.6         66.4         48.2         63.1           54.9         63.6         0.6         66.4         48.1         63.1           38.8         63.0         0.0         65.8         33.6         63.0	0.1 65.9 49.2 63.1 0.2 65.9 0.1 65.9 49.2 63.1 0.2 65.9 0.0 65.8 32.0 63.0 0.0 65.8	9 48.4 63.1 0.1 9 48.4 63.1 0.1 8 34.2 63.0 0.0	65.9         38.4         63.0         0.0         65.8           65.9         38.4         63.0         0.0         65.8           65.8         30.8         63.0         0.0         65.8	43.8 63.0 0.1 43.7 63.0 0.1 35.6 63.0 0.0	65.8         47.9         63.1         0.1         65.9           65.8         47.9         63.1         0.1         65.9           65.8         40.7         63.0         0.0         65.8	46.3 63.0 0.1 46.3 63.0 0.1 38.8 63.0 0.0	65.8         42.5         63.0         0.0         65.8           65.8         42.5         63.0         0.0         65.8           65.8         50.9         63.2         0.3         66.0	40.5         63.0         0.0         6           40.5         63.0         0.0         6           47.6         63.1         0.1         6	55.8         42.4         63.0         0.0           55.8         42.4         63.0         0.0           55.9         50.4         63.2         0.2	65.8         37.8         63.0         0.0           65.8         37.8         63.0         0.0           66.0         33.4         63.0         0.0	65.8 65.8 65.8
052D 002.0G 052D 003.0G 052D 004.0G 052D 005.0G	2 052D 3 052D 4 052D 5 052D	63.0         65.8         38.4         63.0         0.0           63.0         65.8         38.5         63.0         0.0           63.0         65.8         38.8         63.0         0.0           63.0         65.8         48.8         63.0         0.0	65.8         39.3         63.0         0.0         65.8           65.8         39.4         63.0         0.0         65.8           65.8         39.9         63.0         0.0         65.8           65.8         39.9         63.0         0.0         65.8           65.8         41.7         63.0         0.0         65.8	38.9         63.0         0.0         65.8         33.7         65.0           38.9         63.0         0.0         65.8         33.8         63.0           39.3         63.0         0.0         65.8         34.3         63.0           41.1         63.0         0.0         65.8         36.0         63.0	0.0 65.8 32.1 63.0 0.0 65.8 0.0 65.8 32.5 63.0 0.0 65.8 0.0 65.8 33.1 63.0 0.0 65.8 0.0 65.8 34.1 63.0 0.0 65.8	8 34.3 63.0 0.0 8 34.4 63.0 0.0 8 35.0 63.0 0.0 8 36.4 63.0 0.0	b5.8         30.9         b3.0         0.0         b5.8           65.8         31.0         63.0         0.0         65.8           65.8         31.6         63.0         0.0         65.8           65.8         31.6         63.0         0.0         65.8           65.8         31.6         63.0         0.0         65.8	35.6 63.0 0.0 35.7 63.0 0.0 36.2 63.0 0.0 37.6 63.0 0.0	b5.8         40.4         b5.0         0.0         b5.8           65.8         40.5         63.0         0.0         65.8           65.8         40.8         63.0         0.0         65.8           65.8         40.8         63.0         0.0         65.8           65.8         40.1         63.0         0.0         65.8	38.5 63.0 0.0 38.6 63.0 0.0 38.9 63.0 0.0 40.1 63.0 0.0	b5.8         50.5         b3.2         0.2         b6.0           65.8         50.7         63.2         0.3         66.0           65.8         51.1         63.2         0.3         66.0           65.8         51.1         63.2         0.3         66.0           65.8         51.6         63.3         0.3         66.0	47.0 63.1 0.1 6 47.0 63.1 0.1 6 47.1 63.1 0.1 6 47.3 63.1 0.1 6	55.9 49.8 63.2 0.2 55.9 49.8 63.2 0.2 55.9 49.9 63.2 0.2 55.9 50.0 63.2 0.2	66.0 33.5 63.0 0.0 66.0 33.5 63.0 0.0 66.0 33.8 63.0 0.0 66.0 34.8 63.0 0.0	65.8 65.8 65.8
052D 006.0G 052D 007.0G 052D 008.0G	6 052D 7 052D 8 052D	63.0         65.8         41.0         63.0         0.0           63.0         65.8         41.9         63.0         0.0           63.0         65.8         42.0         63.0         0.0	65.8         42.8         63.0         0.0         65.8           65.8         43.7         63.0         0.1         65.8           65.8         44.7         63.0         0.1         65.8	41.9         63.0         0.0         65.8         37.1         63.0           42.7         63.0         0.0         65.8         38.1         63.0           43.3         63.0         0.0         65.8         39.6         63.0	0.0         65.8         35.1         63.0         0.0         65.8           0.0         65.8         36.0         63.0         0.0         65.8           0.0         65.8         37.4         63.0         0.0         65.8	8 37.5 63.0 0.0 8 38.4 63.0 0.0 8 39.8 63.0 0.0	65.8         34.2         63.0         0.0         65.8           65.8         35.2         63.0         0.0         65.8           65.8         36.7         63.0         0.0         65.8	39.7         63.0         0.0           40.7         63.0         0.0           40.9         63.0         0.0	65.8         44.1         63.0         0.1         65.8           65.8         45.4         63.0         0.1         65.8           65.8         45.0         63.0         0.1         65.8	42.3         63.0         0.0           43.7         63.0         0.1           42.9         63.0         0.0	65.8         51.7         63.3         0.3         66.1           65.8         52.6         63.3         0.4         66.1           65.8         52.6         63.3         0.4         66.1           65.8         52.6         63.3         0.4         66.1	47.4         63.1         0.1         6           47.6         63.1         0.1         6           47.4         63.1         0.1         6	55.9         50.1         63.2         0.2           55.9         50.3         63.2         0.2           55.9         50.2         63.2         0.2	66.0         35.6         63.0         0.0           66.0         36.3         63.0         0.0           66.0         37.3         63.0         0.0	65.8 65.8 65.8
052D 009.0G 052D 010.0G 052D 011.0G	9 052D 10 052D 11 052D	63.0         65.8         42.8         63.0         0.0           63.0         65.8         43.7         63.0         0.1           63.0         65.8         44.6         63.0         0.1           63.0         65.8         44.6         63.0         0.1	65.8         45.7         63.0         0.1         65.8           65.8         46.5         63.0         0.1         65.8           65.8         47.4         63.1         0.1         65.9           65.9         47.4         63.1         0.1         65.9	44.2         63.0         0.1         65.8         40.9         63.0           45.0         63.0         0.1         65.8         41.8         63.0           45.9         63.0         0.1         65.8         42.6         63.0           45.9         63.0         0.1         65.8         42.6         63.0	0.0 65.8 38.7 63.0 0.0 65.8 0.0 65.8 39.8 63.0 0.0 65.8 0.0 65.8 41.2 63.0 0.0 65.8 0.0 65.8 41.2 63.0 0.0 65.8	8 41.2 63.0 0.0 8 42.0 63.0 0.0 8 42.9 63.0 0.0 8 42.9 63.0 0.0	65.8         38.0         63.0         0.0         65.8           65.8         38.8         63.0         0.0         65.8           65.8         39.7         63.0         0.0         65.8           65.8         39.7         63.0         0.0         65.8	42.0 63.0 0.0 42.7 63.0 0.0 43.5 63.0 0.0	65.8         46.0         63.0         0.1         65.8           65.8         46.8         63.1         0.1         65.9           65.8         47.7         63.1         0.1         65.9           65.8         446.6         63.1         0.1         65.9	43.8 63.0 0.1 44.6 63.0 0.1 45.5 63.0 0.1	65.8         52.7         63.3         0.4         66.1           65.8         52.8         63.4         0.4         66.2           65.8         52.9         63.4         0.4         66.2           65.0         52.1         63.4         0.4         66.2	47.5 63.1 0.1 6 47.7 63.1 0.1 6 47.8 63.1 0.1 6 47.8 63.1 0.1 6	55.9         50.3         63.2         0.2           55.9         50.5         63.2         0.2           55.9         50.6         63.2         0.2           55.9         50.6         63.2         0.2	66.0 38.4 63.0 0.0 66.0 39.2 63.0 0.0 66.0 40.0 63.0 0.0	65.8 65.8 65.8
052D 012.0G 052D 013.0G 052D 014.0G 052D 015.0G	12 052D 13 052D 14 052D 15 052D	63.0         65.8         45.2         63.1         0.1           63.5         66.3         46.5         63.6         0.1           64.0         66.8         47.3         64.1         0.1           64.0         66.8         47.9         64.1         0.1	65.9         48.0         63.1         0.1         65.9           66.4         49.0         63.7         0.2         66.5           66.9         49.6         64.2         0.2         67.0           66.9         50.1         64.2         0.2         67.0	46.4         65.1         0.1         65.9         43.2         65.0           47.6         63.6         0.1         66.4         43.8         63.5           48.3         64.1         0.1         66.9         44.3         64.0           48.9         64.1         0.1         66.9         46.6         64.1	0.0 65.8 42.6 65.0 0.0 65.8 0.0 66.3 46.8 63.6 0.1 66.4 0.0 66.8 49.9 64.2 0.2 67.7 0.1 66.9 50.7 64.2 0.2 67.7	8 44.0 63.1 0.1 4 47.0 63.6 0.1 0 49.7 64.2 0.2 0 51.1 64.2 0.2	b5.9         40.3         b3.0         0.0         b5.8           66.4         41.1         63.5         0.0         66.3           67.0         42.5         64.0         0.0         66.8           67.0         42.6         64.0         0.0         66.8	44.4 63.1 0.1 46.1 63.6 0.1 47.2 64.1 0.1 49.7 64.2 0.2	b5.9         48.6         b5.2         0.2         b6.0           66.4         50.9         63.7         0.2         66.5           66.9         52.4         64.3         0.3         67.1           67.0         54.4         64.5         0.5         67.3	46.5 65.1 0.1 48.9 63.6 0.1 50.5 64.2 0.2 52.2 64.3 0.3	b5.9         53.1         b3.4         0.4         b6.2           66.4         53.4         63.9         0.4         66.7           67.0         53.7         64.4         0.4         67.2           67.1         54.1         64.4         0.4         67.2	48.1         63.1         0.1         6           49.0         63.7         0.2         6           49.7         64.2         0.2         6           50.6         64.2         0.2         6	55.9 50.8 63.3 0.3 56.5 51.5 63.8 0.3 57.0 52.0 64.3 0.3 57.0 52.7 64.3 0.3	b6.1         40.7         63.0         0.0           66.6         42.2         63.5         0.0           67.1         43.1         64.0         0.0           67.1         43.8         64.0         0.0	66.3 66.8 66.8
052D 016.0G 052D 017.0G 052D 018.0G	16 052D 17 052D 18 052D	63.9         66.7         49.4         64.1         0.2           63.7         66.5         50.9         63.9         0.2           63.8         66.6         52.5         64.1         0.3	66.9         51.1         64.1         0.2         66.9           66.7         52.2         64.0         0.3         66.8           66.9         53.6         64.2         0.4         67.0	50.3         64.1         0.2         66.9         53.9         64.3           51.6         64.0         0.3         66.8         53.9         64.1           52.8         64.1         0.3         66.9         53.8         64.2	0.4         67.1         54.0         64.3         0.4         67.1           0.4         66.9         54.0         64.1         0.4         66.5           0.4         67.0         54.0         64.1         0.4         66.5           0.4         67.0         54.0         64.2         0.4         67.0	1 55.7 64.5 0.6 9 55.6 64.3 0.6 0 55.6 64.4 0.6	67.3         50.2         64.1         0.2         66.9           67.1         50.2         63.9         0.2         66.7           67.2         50.2         64.0         0.2         66.8	51.4         64.1         0.2           52.2         64.0         0.3           53.2         64.2         0.4	66.9         56.1         64.6         0.7         67.4           66.8         57.0         64.5         0.8         67.3           67.0         58.6         64.9         1.1         67.7	53.9         64.3         0.4           54.8         64.2         0.5           56.6         64.6         0.8	67.1         54.8         64.4         0.5         67.2           67.0         55.4         64.3         0.6         67.1           67.4         56.1         64.5         0.7         67.3	51.8         64.2         0.3         6           52.7         64.0         0.3         6           53.8         64.2         0.4         6	57.0         53.6         64.3         0.4           56.8         54.4         64.2         0.5           57.0         56.4         64.5         0.7	67.1         45.2         64.0         0.1           67.0         46.7         63.8         0.1           67.3         48.5         63.9         0.1	66.8 66.6 66.7
052D 019.0G 052D 020.0G 052D 021.0G 052D 022.0G	19 052D 20 052D 21 052D 22 052D	63.7         66.5         54.1         64.2         0.5           63.6         66.4         55.6         64.2         0.6           63.5         66.3         57.3         64.4         0.9           63.7         66.5         58.0         64.7         1.0	67.0         55.3         64.3         0.6         67.1           67.0         57.0         64.5         0.9         67.3           67.2         57.1         64.4         0.9         67.2           67.5         58.3         64.8         1.1         67.6	54.6         64.2         0.5         67.0         53.8         64.1           56.1         64.3         0.7         67.1         53.7         64.0           56.7         64.3         0.8         67.1         53.7         63.9           57.6         64.7         1.0         67.5         53.7         64.9	0.4 66.9 54.0 64.1 0.4 66.5 0.4 66.8 54.0 64.1 0.5 66.5 0.4 66.7 54.1 64.0 0.5 66.8 0.4 66.7 54.1 64.0 0.5 66.8	9 55.6 64.3 0.6 9 55.6 64.2 0.6 8 55.6 64.2 0.7 0 55.7 64.3 0.6	67.1         50.1         63.9         0.2         66.7           67.0         50.1         63.8         0.2         66.6           67.0         50.1         63.7         0.2         66.6           67.0         50.1         63.7         0.2         66.6           67.0         50.0         63.9         0.2         66.7	53.7         64.1         0.4           55.7         64.3         0.7           56.2         64.2         0.7           56.8         64.5         0.8	66.9         60.2         65.3         1.6         68.1           67.1         61.3         65.6         2.0         68.4           67.0         61.6         65.7         2.2         68.5           67.3         61.9         65.9         2.2         68.5	57.8 64.7 1.0 59.2 64.9 1.3 59.5 65.0 1.5 59.8 65.2 1.5	67.5         57.6         64.7         1.0         67.5           67.7         58.1         64.7         1.1         67.5           67.8         58.1         64.6         1.1         67.4           68.0         58.1         64.8         1.1         67.4	55.3         64.3         0.6         6           56.0         64.3         0.7         6           56.0         64.2         0.7         6           56.0         64.4         0.7         6	57.1         57.4         64.6         0.9           57.1         58.2         64.7         1.1           57.0         58.2         64.6         1.1           57.2         58.2         64.8         1.1	67.4 48.9 63.8 0.1 67.5 51.5 63.9 0.3 67.4 51.5 63.8 0.3 67.6 51.5 64.0 0.3	66.6 66.7 66.6 66.8
052D 023.0G 052D 024.0G 052D 025.0G	23 052D 24 052D 25 052D	63.5         66.3         58.4         64.7         1.2           63.4         66.2         59.3         64.8         1.4           63.3         66.1         59.1         64.7         1.4	67.5         58.1         64.6         1.1         67.4           67.6         59.3         64.8         1.4         67.6           67.5         59.1         64.7         1.4         67.5	58.7         64.7         1.2         67.5         53.5         63.9           59.1         64.8         1.4         67.6         53.5         63.8           59.3         64.8         1.5         67.6         53.4         63.7	0.4 66.7 54.1 64.0 0.5 66.8 0.4 66.6 54.1 63.9 0.5 66.7 0.4 66.5 54.0 63.8 0.5 66.6	8 55.7 64.2 0.7 7 55.6 64.1 0.7 6 55.6 64.0 0.7	67.0         50.1         63.7         0.2         66.5           66.9         50.0         63.6         0.2         66.4           66.8         49.8         63.5         0.2         66.3	56.9         64.4         0.9           57.0         64.3         0.9           57.1         64.2         0.9	67.2         62.0         65.8         2.3         68.6           67.1         62.1         65.8         2.4         68.6           67.0         62.3         65.8         2.5         68.6	59.9 65.1 1.6 59.9 65.0 1.6 60.1 65.0 1.7	67.9         58.0         64.6         1.1         67.4           67.8         58.0         64.5         1.1         67.3           67.8         58.0         64.4         1.1         67.2	55.9 64.2 0.7 66 55.9 64.1 0.7 66 55.8 64.0 0.7 66	57.0 58.1 64.6 1.1 56.9 57.6 64.4 1.0 56.8 57.5 64.3 1.0	67.4         51.4         63.8         0.3           67.2         51.5         63.7         0.3           67.1         51.5         63.6         0.3	66.6 66.5 66.4
052D 026.0G 052D 027.0G 052D 028.0G	26 052D 27 052D 28 052D	63.2         66.0         59.4         64.7         1.5           63.1         65.9         59.5         64.7         1.6           63.0         65.8         59.0         64.5         1.5	67.5         59.4         64.7         1.5         67.5           67.5         59.6         64.7         1.6         67.5           67.3         59.5         64.6         1.6         67.4	59.6         64.8         1.6         67.6         53.4         63.6           59.6         64.7         1.6         67.5         53.3         63.5           59.6         64.6         1.6         67.4         53.3         63.4	0.4         66.4         54.0         63.7         0.5         66.5           0.4         66.3         53.9         63.6         0.5         66.4           0.4         66.2         53.9         63.5         0.5         66.4           0.4         66.2         53.9         63.5         0.5         66.3	5 55.5 63.9 0.7 4 55.5 63.8 0.7 3 55.4 63.7 0.7	66.7         49.8         63.4         0.2         66.2           66.6         49.7         63.3         0.2         66.1           66.5         49.7         63.2         0.2         66.0	57.3         64.2         1.0           57.3         64.1         1.0           57.4         64.1         1.1	67.0         62.1         65.7         2.5         68.5           66.9         62.1         65.6         2.5         68.4           66.9         62.0         65.5         2.5         68.3	59.8         64.8         1.6           59.9         64.8         1.7           59.8         64.7         1.7	67.6         58.0         64.3         1.1         67.1           67.6         57.9         64.2         1.1         67.0           67.5         57.9         64.2         1.2         67.0	55.8         63.9         0.7         6           55.8         63.8         0.7         6           55.7         63.7         0.7         6	56.7         57.5         64.2         1.0           56.6         57.4         64.1         1.0           56.5         57.4         64.1         1.1	67.0         51.4         63.5         0.3           66.9         51.2         63.4         0.3           66.9         51.2         63.3         0.3	66.3 66.2 66.1
052D 029.0G 052D 030.0G 052D 031.0G 052D 032.0G	29 052D 30 052D 31 052D 32 052D	63.0         65.8         58.6         64.3         1.4           63.0         65.8         58.6         64.3         1.4           63.0         65.8         58.5         64.3         1.3           63.0         65.8         58.5         64.3         1.3	67.1         59.5         64.6         1.6         67.4           67.1         58.8         64.4         1.4         67.2           67.1         58.8         64.4         1.4         67.2           67.1         58.8         64.4         1.4         67.2           67.1         58.8         64.4         1.4         67.2	59.2         64.5         1.5         67.3         53.2         63.4           58.9         64.4         1.4         67.2         53.2         63.4           58.9         64.4         1.4         67.2         53.1         63.4           58.9         64.4         1.4         67.2         53.1         63.4           58.9         64.4         1.4         67.2         53.1         63.4	0.4 66.2 53.9 63.5 0.5 66.3 0.4 66.2 53.8 63.4 0.5 66.2 0.4 66.2 53.8 63.4 0.5 66.2 0.4 66.2 53.8 63.4 0.5 66.2	3 55.4 63.7 0.7 2 55.3 63.6 0.7 2 55.2 63.6 0.7 2 55.1 63.6 0.7	66.5         49.6         63.1         0.2         65.9           66.4         49.6         63.1         0.2         65.9           66.4         49.6         63.1         0.2         65.9           66.4         49.6         63.1         0.2         65.9           66.4         49.6         63.1         0.2         65.9           66.4         49.6         63.1         0.2         65.9	57.3         64.0         1.0           57.1         64.0         1.0           57.2         64.0         1.0           57.6         64.1         1.1	66.8         61.9         65.5         2.5         68.3           66.8         61.7         65.4         2.4         68.2           66.8         61.7         65.4         2.4         68.2           66.9         61.7         65.4         2.4         68.2	59.8 64.7 1.7 59.5 64.6 1.6 59.4 64.5 1.6	67.5         57.9         64.1         1.2         66.9           67.4         57.8         64.1         1.2         66.9           67.3         57.8         64.1         1.2         66.9           67.3         57.8         64.1         1.2         66.9	55.7 63.7 0.7 6 55.6 63.7 0.7 6 55.6 63.7 0.7 6 55.6 63.7 0.7 6 55.6 63.7 0.7 6	36.5         57.4         64.0         1.1           36.5         57.3         64.0         1.0           36.5         57.3         64.0         1.0           36.5         57.3         64.0         1.0           36.5         57.3         64.0         1.0	66.8 51.1 63.2 0.3 66.8 51.1 63.2 0.3 66.8 51.0 63.2 0.3 66.8 51.0 63.2 0.3	66.0 66.0 66.0
052D 033.0G 052D 034.0G 052D 035.0G	33 052D 34 052D 35 052D	63.0         65.8         58.4         64.3         1.3           63.0         65.8         58.4         64.3         1.3           63.0         65.8         58.4         64.3         1.3           63.0         65.8         58.3         64.2         1.3	67.1         58.7         64.3         1.4         67.1           67.1         58.7         64.3         1.4         67.1           67.0         58.6         64.3         1.4         67.1	58.6         64.3         1.4         67.1         53.0         63.4           58.7         64.3         1.4         67.1         52.9         63.4           58.7         64.3         1.4         67.1         52.9         63.4           58.7         64.3         1.4         67.1         52.8         63.4	0.4 66.2 53.6 63.4 0.5 66.2 0.4 66.2 53.6 63.4 0.5 66.2 0.4 66.2 53.6 63.4 0.5 66.2 0.4 66.2 53.5 63.4 0.5 66.2	2 55.0 63.6 0.6 2 55.0 63.6 0.6 2 54.9 63.6 0.6	66.4         49.4         63.1         0.2         65.9           66.4         49.4         63.1         0.2         65.9           66.4         49.3         63.1         0.2         65.9	57.7         64.1         1.1           57.7         64.1         1.1           57.5         64.0         1.1	66.9         61.6         65.3         2.4         68.1           66.9         61.6         65.3         2.4         68.1           66.8         61.8         65.4         2.5         68.2	59.6         64.6         1.7           59.6         64.6         1.7           59.8         64.7         1.7	67.4         57.7         64.1         1.1         66.9           67.4         57.7         64.1         1.1         66.9           67.5         57.7         64.1         1.1         66.9           67.5         57.7         64.1         1.1         66.9	55.5         63.7         0.7         6           55.4         63.7         0.7         6           55.4         63.7         0.7         6	66.5         57.2         64.0         1.0           56.5         57.1         64.0         1.0           56.5         57.1         64.0         1.0	66.8         50.9         63.2         0.3           66.8         50.8         63.2         0.3           66.8         50.8         63.2         0.3	66.0 66.0 66.0
052D 036.0G 052D 037.0G 052D 038.0G	36 052D 37 052D 38 052D 30 052D	63.0         65.8         58.3         64.2         1.3           63.0         65.8         58.2         64.2         1.3           63.0         65.8         58.2         64.2         1.3           63.0         65.8         58.2         64.2         1.3           63.0         65.8         58.2         64.2         1.3	67.0         58.6         64.3         1.4         67.1           67.0         58.5         64.3         1.3         67.1           67.0         58.5         64.3         1.3         67.1           67.0         58.5         64.3         1.3         67.1           67.0         58.5         64.3         1.3         67.1	58.6         64.3         1.4         67.1         52.8         63.4           58.6         64.3         1.4         67.1         52.7         63.3           58.4         64.3         1.3         67.1         52.6         63.3           58.4         64.3         1.3         67.1         52.6         63.3	0.4 66.2 53.5 63.4 0.5 66.2 0.4 66.1 53.4 63.4 0.5 66.2 0.4 66.1 53.3 63.4 0.4 66.2 0.4 66.1 53.3 63.4 0.4 66.2	2 54.9 63.6 0.6 2 54.8 63.6 0.6 2 54.8 63.6 0.6 2 54.8 63.6 0.6	66.4         49.2         63.1         0.2         65.9           66.4         49.2         63.1         0.2         65.9           66.4         49.1         63.1         0.2         65.9           66.4         49.1         63.1         0.2         65.9           66.4         49.1         63.1         0.2         65.9	57.7 64.1 1.1 57.5 64.0 1.1 56.9 63.9 1.0	66.9         61.8         65.4         2.5         68.2           66.8         61.8         65.4         2.5         68.2           66.7         61.7         65.4         2.4         68.2           66.7         61.7         65.4         2.4         68.2           66.7         61.7         65.4         2.4         68.2	59.9 64.7 1.7 59.8 64.7 1.7 59.2 64.5 1.5	67.5         57.6         64.1         1.1         66.9           67.5         57.6         64.1         1.1         66.9           67.3         57.6         64.1         1.1         66.9           67.3         57.6         64.1         1.1         66.9           67.3         57.6         64.1         1.1         66.9	55.3         63.6         0.7         6           55.3         63.6         0.7         6           55.2         63.6         0.7         6           55.2         63.6         0.7         6	66.4         57.0         63.9         1.0           66.4         57.0         63.9         1.0           56.4         57.0         63.9         1.0           56.4         56.9         63.9         1.0           56.4         56.9         63.9         1.0	66.7         50.7         63.2         0.3           66.7         50.7         63.2         0.3           66.7         44.9         63.0         0.1	66.0 66.0 65.8
052D 040.0G 052D 040.0G 052D 041.0G 052D 042.0G	40 052D 41 052D 42 052D	63.0         65.8         58.1         64.2         1.2           63.0         65.8         58.1         64.2         1.2           63.0         65.8         58.1         64.2         1.2           63.0         65.8         58.1         64.2         1.2           1.1         1.1         1.1         1.1	67.0         38.3         64.2         1.3         67.0           67.0         58.3         64.2         1.3         67.0           67.0         57.9         64.1         1.2         66.9           66.8         57.9         64.1         1.2         66.9	57.9         04.1         1.2         00.5         52.0         05.3           57.8         64.1         1.2         66.9         52.5         63.3           57.7         64.1         1.1         66.9         52.4         63.3           57.7         64.1         1.1         66.9         52.4         63.3	0.4 66.1 53.2 63.4 0.4 66.2 0.4 66.1 53.2 63.4 0.4 66.2 0.4 66.1 53.2 63.4 0.4 66.2	2 54.6 63.5 0.6 2 54.6 63.5 0.6 2 54.5 63.5 0.6	66.3         48.9         63.1         0.2         65.9           66.3         48.9         63.1         0.2         65.9           66.3         48.9         63.1         0.2         65.9	57.0         65.5         1.0           57.2         64.0         1.0           56.6         63.9         0.9           56.6         63.9         0.9	66.7         60.2         64.3         1.8         67.5           66.8         60.0         64.7         1.8         67.5           66.7         59.9         64.7         1.7         67.5           66.7         59.9         64.7         1.7         67.5	35.2         04.2         1.3           57.7         64.1         1.1           57.6         64.1         1.1           57.7         64.1         1.1	67.0         33.5         63.7         0.8         66.3           66.9         55.8         63.7         0.8         66.5           66.9         55.8         63.7         0.8         66.5           66.9         55.8         63.7         0.8         66.5	34.0 05.5 0.5 0 53.9 63.5 0.5 6 53.9 63.5 0.5 6 53.8 63.4 0.5 6	35.1         65.6         0.7           56.3         55.1         63.6         0.7           56.3         55.0         63.6         0.6           56.2         55.0         63.6         0.6	66.4         44.8         63.0         0.1           66.4         44.8         63.0         0.1           66.4         44.7         63.0         0.1	65.8 65.8 65.8
0538 008.0G 0538 009.0G 0538 010.0G	8 053B 9 053B 10 053B	63.0         65.8         64.3         66.7         3.7         YES           65.7         68.5         67.2         69.5         3.8         YES           66.1         68.9         66.6         69.4         3.3         YES	69.5         64.3         66.7         3.7         YES         69.5           72.3         67.0         69.4         3.7         YES         72.2           72.2         66.3         69.2         3.1         YES         72.0	63.9         66.5         3.5         YES         69.3         64.1         66.6           67.3         69.6         3.9         YES         72.4         64.2         68.0           66.6         69.4         3.3         YES         72.2         64.1         68.2	3.6         YES         69.4         62.8         65.9         2.9         68.7           2.3         70.8         62.8         67.5         1.8         70.3           2.1         71.0         62.8         67.8         1.7         70.6	7         63.8         66.4         3.5         YES           3         63.9         67.9         2.2            6         63.9         68.1         2.0	69.2         58.5         64.3         1.3         67.1           70.7         58.5         66.5         0.8         69.3           70.9         58.5         66.8         0.7         69.6	59.7         64.6         1.7           60.4         66.8         1.1           60.6         67.2         1.1	67.4         64.3         66.7         3.7         YES         69.5           69.6         65.0         68.4         2.7         71.2           70.0         64.7         68.5         2.4         71.3	62.7         65.8         2.9           63.0         67.6         1.9           62.9         67.8         1.7	68.6         59.1         64.4         1.5         67.2           70.4         61.2         67.0         1.3         69.8           70.6         61.3         67.3         1.2         70.1	57.9         64.1         1.2         6           60.6         66.9         1.2         6           60.6         67.2         1.1         7	56.9         59.4         64.5         1.6           59.7         62.2         67.3         1.6           70.0         62.2         67.6         1.5	67.3         51.8         63.3         0.3           70.1         52.1         65.9         0.2           70.4         52.3         66.3         0.2	66.1 68.7 69.1
0538 011.0G 053C 001.0G 053C 002.0G 053C 002.0G	11 0538 1 053C 2 053C 2 053C	66.1 68.9 66.3 69.2 3.1 YES 63.0 65.8 56.6 63.9 0.9 63.0 65.8 57.6 64.1 1.1 62.0 65.8 57.6 64.1 1.2	72.0         66.3         69.2         3.1         YES         72.0           66.7         57.7         64.1         1.1         66.9           66.9         58.6         64.3         1.4         67.1           67.1         50.5         64.6         1.6         67.4	66.3         69.2         3.1         YES         72.0         64.1         68.2           57.3         64.0         1.0         66.8         60.6         64.9           60         64.7         1.8         67.5         59.9         64.7           59.8         64.4         1.4         66.2         59.9         64.7	2.1         71.0         62.8         67.8         1.7         70.6           2.0         67.7         60.2         64.8         1.8         67.6           1.7         67.5         59.5         64.6         1.6         67.4           1.7         67.5         59.5         64.6         1.6         67.4	6 63.9 68.1 2.0 6 61.1 65.1 2.2 4 60.5 64.9 2.0 4 60.5 64.9 2.0	70.9         58.4         66.8         0.7         69.6           67.9         55.1         63.6         0.7         66.4           67.7         54.6         63.5         0.6         66.3           67.7         54.6         63.5         0.6         66.3	61.2 67.3 1.2 50 63.2 0.2 50.3 63.2 0.2 51 62.2 0.2	70.1         65.1         68.6         2.5         71.4           66.0         57.1         64.0         1.0         66.8           66.0         57.6         64.1         1.1         66.9           66.0         57.6         64.1         1.1         66.9	63.3 67.9 1.8 55.5 63.7 0.7 56.1 63.8 0.8	70.7         61.3         67.3         1.2         70.1           66.5         52.3         63.3         0.4         66.1           66.6         52.5         63.3         0.4         66.1           66.7         52.2         62.4         0.4         66.1	60.8         67.2         1.1         7           48.8         63.1         0.2         6           49         63.1         0.2         6           49         63.2         0.2         6	V0.0         62.4         67.6         1.5           55.9         51.9         63.3         0.3           55.9         52.1         63.3         0.3           60         52.8         62.4         0.4	70.4         52.3         66.3         0.2           66.1         48.9         63.1         0.2           66.1         49.2         63.1         0.2           66.2         49.2         63.1         0.2	69.1 65.9 65.9
053C 004.0G 053C 005.0G 053C 006.0G	4 053C 5 053C 6 053C	63.0         63.5         59.5         64.6         1.6           63.0         65.8         61.4         65.3         2.3           63.0         65.8         63.1         66.0         3.1         YES	67.4         60.3         64.8         1.9         67.6           68.1         62.1         65.6         2.6         68.4           68.8         63.6         66.3         3.3         YES         69.1	543         543         14         61.1         59.3         64.7           61.5         65.3         2.3         68.1         59.9         64.7           61.8         65.4         2.5         68.2         59.9         64.7           63         66.0         3.0         YES         68.8         59.7         64.6	17         67.5         59.6         64.6         1.7         67.4           17         67.5         59.6         64.6         1.7         67.4           17         67.4         59.4         64.5         1.6         67.4	4 60.6 64.9 2.0 4 60.6 64.9 2.0 3 60.2 64.8 1.8	67.7         54.8         63.6         0.6         66.4           67.7         54.8         63.6         0.6         66.4           67.7         54.8         63.6         0.6         66.4           67.7         54.8         63.6         0.6         66.4           67.7         54.8         63.6         0.6         66.4           67.7         54.8         63.6         0.5         66.2	53.4 63.4 0.5 55.1 63.6 0.7 52.3 63.3 0.4	66.2         61.2         65.2         2.2         68.0           66.4         62.4         65.7         2.7         68.5           66.1         59.3         64.5         1.6         67.3	59.3 64.5 1.6 60.8 65.0 2.1 58.2 64.2 1.3	67.3         56.4         63.8         0.9         66.8           67.3         56.4         63.8         0.9         66.6           67.3         57.2         64.0         1.0         66.8           67.0         45.9         63.0         0.1         65.8	43.5 63.4 0.5 6 42.5 63.0 0.0 6	66.2 55.9 63.7 0.8 66.2 56.8 63.9 0.9 55.8 45.4 63.0 0.1	66.5         52.4         63.3         0.4           66.7         53.7         63.4         0.5           65.8         42.2         63.0         0.0	66.1 66.2 65.8
053C 007.OG 053C 008.OG 053C 009.OG	7 053C 8 053C 9 053C	63.0         65.8         63.8         66.4         3.5         YES           63.0         65.8         64         66.5         3.6         YES           63.0         65.8         61.9         65.5         2.5	69.2         65         67.1         4.2         YES         69.9           69.3         65.2         67.2         4.3         YES         70.0           68.3         62.5         65.7         2.8         68.5	64.8         67.0         4.0         YES         69.8         59.2         64.5           64.3         66.7         3.7         YES         69.5         59.2         64.5           61.7         65.4         2.4         68.2         59.1         64.4	15         67.3         58.9         64.4         1.4         67.3           15         67.3         59         64.4         1.5         67.3           15         67.2         58.9         64.4         1.4         67.2           15         67.2         58.9         64.4         1.4         67.2	2 59.7 64.6 1.7 2 59.8 64.7 1.7 2 59.7 64.6 1.7	67.4         53.7         63.4         0.5         66.2           67.5         53.8         63.4         0.5         66.2           67.4         53.8         63.4         0.5         66.2           67.4         53.8         63.4         0.5         66.2	52.6         63.3         0.4           51.8         63.3         0.3           51.8         63.3         0.3	66.1         59.8         64.7         1.7         67.5           66.1         57.6         64.1         1.1         66.9           66.1         56.6         63.9         0.9         66.7	58.5         64.3         1.3           56.3         63.8         0.9           54.7         63.6         0.6	67.1         46         63.0         0.1         65.8           66.6         46.3         63.0         0.1         65.8           66.4         47.6         63.1         0.1         65.9	42.4         63.0         0.0         6           42.7         63.0         0.0         6           44         63.0         0.1         6	55.8         45.3         63.0         0.1           55.8         45.6         63.0         0.1           55.8         47         63.1         0.1	65.8         42.2         63.0         0.0           65.8         42.5         63.0         0.0           65.9         43.9         63.0         0.1	65.8 65.8 65.8
053C 010.0G 053C 011.0G 053D 001.0G 053D 002.0G	10 053C 11 053C 1 053D	63.0         65.8         62         65.5         2.6           63.0         65.8         62.2         65.6         2.7           73.0         75.8         60.1         73.2         0.2           73.1         75.8         61.1         73.2         0.2	68.3         62.7         65.8         2.9         68.6           68.4         62.8         65.9         2.9         68.7           76.0         61.3         73.3         0.3         76.1           76.2         62         62.4         62.8         65.9	61.9         65.5         2.5         68.3         59.1         64.4           62.2         65.6         2.7         68.4         59         64.4           60.8         73.3         0.3         76.1         63.6         73.5           61.5         2.7         68.4         59         64.4           60.8         73.3         0.3         76.1         63.6         73.5	15         67.2         58.7         64.3         1.4         67.1           15         67.2         58.7         64.3         1.4         67.1           15         67.2         58.7         64.3         1.4         67.1           0.5         76.3         62.1         73.3         0.3         76.1           0.4         76.2         61.1         73.4         0.2         76.1	1 59.7 64.6 1.7 1 59.6 64.6 1.7 1 63.2 73.4 0.4 2 63.9 73.5 0.4	67.4         53.7         63.4         0.5         66.2           67.4         53.7         63.4         0.5         66.2           76.2         57.7         73.1         0.1         75.9           76.2         57.4         73.1         0.1         75.9	52.8 63.4 0.4 53.9 63.5 0.5 54 73.1 0.1 55 7 72.2 0.1	66.2         57.6         64.1         1.1         66.9           66.3         58.3         64.2         1.3         67.0           75.9         59.3         73.2         0.2         76.0           76.0         51.9         72.4         0.3         76.2	55.7 63.7 0.7 56.3 63.8 0.9 57 73.1 0.1 59.6 72.2 0.2	66.5         47.5         63.1         0.1         65.9           66.6         47.8         63.1         0.1         65.9           75.9         59.4         73.2         0.2         76.0           72.1         60.6         73.2         0.2         76.1	43.8 63.0 0.1 6 43.9 63.0 0.1 6 57.3 73.1 0.1 7 58.2 72.2 0.1 7 58.2 7 58.2 72.2 7 58.2	55.8         46.8         63.1         0.1           55.8         46.8         63.1         0.1           75.9         59.2         73.2         0.2           66.0         60.2         72.2         0.2	65.9         43.8         63.0         0.1           65.9         43.9         63.0         0.1           76.0         52.1         73.0         0.0           76.1         56.4         73.2         0.1	65.8 65.8 75.8 76.0
053D 003.0G 053D 004.0G 053D 005.0G	3 053D 4 053D 5 053D	72.5         75.3         62.6         72.9         0.4           72.0         74.8         62.9         72.5         0.5           71.5         74.3         64.2         72.2         0.7	75.7         63.3         73.0         0.5         75.8           75.3         64.2         72.7         0.7         75.5           75.0         65.7         72.5         1.0         75.3	61.3         72.9         0.4         75.7         63.3         73.0           62.8         72.5         0.5         75.3         63.3         72.5           64.7         72.3         0.8         75.1         63.3         72.1	0.5 75.8 61.7 72.8 0.3 75.6 0.5 75.3 61.7 72.4 0.4 75.5 0.6 74.9 61.7 71.9 0.4 74.3	6 62.8 72.9 0.4 2 62.9 72.5 0.5 7 62.9 72.1 0.6	75.7         57.4         72.6         0.1         75.4           75.3         57.4         72.6         0.1         75.4           74.9         57.4         71.7         0.2         74.5	56.7 72.6 0.1 57.8 72.2 0.2 58.4 71.7 0.2	75.4         60.3         72.8         0.3         75.6           75.0         61.9         72.4         0.4         75.2           74.5         62.5         72.0         0.5         74.8	59.8 72.7 0.2 60.1 72.3 0.3 60.9 71.9 0.4	75.5         60.3         72.8         0.3         75.6           75.1         60.9         72.3         0.3         75.1           74.7         61         71.9         0.4         74.7	59.2 72.7 0.2 7 60.4 72.3 0.3 7 60.4 71.8 0.3 7	75.5 61.3 72.8 0.3 75.1 62.2 72.4 0.4 74.6 62.2 72.0 0.5	75.6         52.8         72.5         0.0           75.2         52.8         72.1         0.1           74.8         52.8         71.6         0.1	75.3 74.9 74.4
053D 006.OG 053D 007.OG 053D 008.OG	6 053D 7 053D 8 053D	71.0         73.8         65         72.0         1.0           70.6         73.4         65.3         71.7         1.1           70.2         73.0         65.2         71.4         1.2	74.8         65.3         72.0         1.0         74.8           74.5         65.4         71.7         1.1         74.5           74.2         65.7         71.5         1.3         74.3	64.9         72.0         1.0         74.8         63.2         71.7           65.3         71.7         1.1         74.5         63.2         71.3           65.3         71.4         1.2         74.2         63.2         71.0	0.7 74.5 61.6 71.5 0.5 74.3 0.7 74.1 61.5 71.1 0.5 73.5 0.8 73.8 61.4 70.7 0.5 73.5	3         62.8         71.6         0.6           9         62.8         71.3         0.7           5         62.7         70.9         0.7	74.4         57.3         71.2         0.2         74.0           74.1         57.3         70.8         0.2         73.6           73.7         57.3         70.4         0.2         73.2	58.8         71.3         0.3           59         70.9         0.3           59.4         70.5         0.3	74.1         62.8         71.6         0.6         74.4           73.7         63         71.3         0.7         74.1           73.3         63.1         71.0         0.8         73.8	60.9 71.4 0.4 61 71.1 0.5 61 70.7 0.5	74.2         60.9         71.4         0.4         74.2           73.9         60.9         71.0         0.4         73.8           73.5         60.9         70.7         0.5         73.5	60.4         71.4         0.4         7           60.4         71.0         0.4         7           60.3         70.6         0.4         7	74.2 61.5 71.5 0.5 73.8 61.4 71.1 0.5 73.4 61.4 70.7 0.5	74.3         52.6         71.1         0.1           73.9         52.6         70.7         0.1           73.5         52.5         70.3         0.1	73.9 73.5 73.1
053D 009.0G 053D 010.0G 053D 011.0G 054C 001.0G	9 053D 10 053D 11 053D 1 054C	69.9         72.7         65         71.1         1.2           69.4         72.2         64.9         70.7         1.3           69.0         71.8         65         70.5         1.5           63.0         65.8         58.9         64.4         1.4	73.9         65.7         71.3         1.4         74.1           73.5         65.8         71.0         1.6         73.8           73.3         65.4         70.6         1.6         73.4           67.2         60.2         64.8         1.8         67.6	65.2         71.2         1.3         74.0         63.1         70.7           65.2         70.8         1.4         73.6         63.1         70.3           65.1         70.5         1.5         73.3         63         70.0           59.9         64.7         1.7         67.5         62.3         76.6	0.8 73.5 61.4 70.5 0.6 73.3 0.9 73.1 61.4 70.0 0.6 72.8 1.0 72.8 61.4 69.7 0.7 72.5 2.7 68.4 61.2 65.2 2.2 668	3         62.8         70.7         0.8           8         62.7         70.2         0.8           5         62.7         69.9         0.9           0         62.3         65.6         2.7	73.5         57.2         70.1         0.2         72.9           73.0         57.1         69.6         0.2         72.4           72.7         57.1         69.3         0.3         72.1           68.4         56.3         63.8         0.9         66	59.5         70.3         0.4           59.7         69.8         0.4           59.9         69.5         0.5           48.9         63.1         0.2	73.1         63.3         70.8         0.9         73.6           72.6         63.5         70.4         1.0         73.2           72.3         63.7         70.1         1.1         72.9           65.9         53.6         63.4         0.5         662	61.1 70.4 0.5 61.3 70.0 0.6 61.4 69.7 0.7	73.2         60.9         70.4         0.5         73.2           72.8         60.9         70.0         0.6         72.8           72.5         60.9         69.6         0.6         72.4           66.1         47.8         63.1         0.1         65.4	60.3 70.4 0.5 7 60.2 69.9 0.5 7 60.2 69.5 0.5 7 43.8 63.0 0.1 6	73.2 61.4 70.5 0.6 72.7 61.3 70.0 0.6 72.3 61.3 69.7 0.7 55.8 47.4 65.1 0.1	73.3         52.4         70.0         0.1           72.8         52.3         69.5         0.1           72.5         52.2         69.1         0.1           65.9         44.7         63.0         0.1	72.8 72.3 71.9 65.8
054C 002.0G 054C 003.0G 054D 001.0G	2 054C 3 054C 1 054D	63.3         66.1         60         65.0         1.7           63.8         66.6         61.5         65.8         2.0           73.0         75.8         61.9         73.3         0.3	67.8         61.1         65.3         2.0         68.1           68.6         64.3         67.1         3.3         YES         69.9           76.1         62.9         73.4         0.4         76.2	60.7         65.2         1.9         68.0         61.9         65.7           62.8         66.3         2.5         69.1         61.9         66.0           62.8         73.4         0.4         76.2         66.5         73.9	2.4         68.5         60.6         65.2         1.9         68.8           2.2         68.8         60.7         65.5         1.7         68.8           0.9         76.7         65.6         73.7         0.7         76.5	0 61.9 65.7 2.4 3 61.9 66.0 2.2 5 66.3 73.8 0.8	68.5         56         64.0         0.7         66.8           68.8         56.1         64.5         0.7         67.3           76.6         60.6         73.2         0.2         76.0	50.6         63.5         0.2           51.2         64.0         0.2           56.6         73.1         0.1	66.3         56.4         64.1         0.8         66.9           66.8         57.3         64.7         0.9         67.5           75.9         61.4         73.3         0.3         76.1	56.6         64.1         0.8           56         64.5         0.7           59.3         73.2         0.2	66.9         51.4         63.6         0.3         66.4           67.3         51.8         64.1         0.3         66.9           76.0         59.6         73.2         0.2         76.0	48.1 63.4 0.1 66 48.4 63.9 0.1 66 55.9 73.1 0.1 7	56.2         51         63.5         0.2           56.7         51.3         64.0         0.2           75.9         59         73.2         0.2	66.3         47.7         63.4         0.1           66.8         48.1         63.9         0.1           76.0         54.1         73.1         0.1	66.2 66.7 75.9
054D 002.OG 054D 003.OG 055A 001.OG	2 054D 3 054D 1 055A	73.0         75.8         63         73.4         0.4           72.4         75.2         64.3         73.0         0.6           70.4         73.2         65         71.5         1.1           62.0         64.4         62.0         62.0         62.0	76.2         63.9         73.5         0.5         76.3           75.8         66.2         73.3         0.9         76.1           74.3         65.9         71.7         1.3         74.5           66.4         73.3         0.9         76.1         74.3	63.9         73.5         0.5         76.3         66.2         73.8           64.7         73.1         0.7         75.9         64.1         73.0           65.5         71.6         1.2         74.4         68.7         72.6	0.8 76.6 65.3 73.7 0.7 76.5 0.6 75.8 62.7 72.8 0.4 75.6 2.2 75.4 67.3 72.1 1.7 74.5 0.0 6 75.8 75.7 75.8 75.6	5 66 73.8 0.8 6 64.3 73.0 0.6 9 68.8 72.7 2.3 6 72.7 2.3	76.6         60.4         73.2         0.2         76.0           75.8         58.8         72.6         0.2         75.4           75.5         62.8         71.1         0.7         73.9           64.6         33.0         62.0         62.0         75.4	57.4         73.1         0.1           60.4         72.7         0.3           56.6         70.6         0.2	75.9         61.8         73.3         0.3         76.1           75.5         66.1         73.3         0.9         76.1           73.4         62.3         71.0         0.6         73.8           64.5         0.11         62.0         60.0         73.8	59.7 73.2 0.2 64.1 73.0 0.6 60.3 70.8 0.4	76.0         60.5         73.2         0.2         76.0           75.8         62.5         72.8         0.4         75.6           73.6         61         70.9         0.5         73.7           64         76.0         60.5         73.7	58.4         73.1         0.1         7           59.9         72.6         0.2         7           58.6         70.7         0.3         7	75.9         60.5         73.2         0.2           75.4         62.4         72.8         0.4           73.5         60.6         70.8         0.4	76.0         54.6         73.1         0.1           75.6         57.9         72.6         0.2           73.6         53.9         70.5         0.1	75.9 75.4 73.3
056A 002.0G 056A 003.0G 056A 003.0G	2 056A 2 056A 3 056A 5 056A	3.0         0+.3         4U.1         b.0         0.0           63.0         64.5         40.3         63.0         0.0           63.0         64.5         40.4         63.0         0.0           63.0         64.5         40.4         63.0         0.0           63.0         64.5         39.4         63.0         0.0	ν         ν         b.t.         U.U         64.5           64.5         41.3         63.0         0.0         64.5           64.5         41.4         63.0         0.0         64.5           64.5         40         63.0         0.0         64.5	www         u.u         64.5         35.9         63.0           40.7         63.0         0.0         64.5         36.1         63.0           40.8         63.0         0.0         64.5         40.2         63.0           39.5         63.0         0.0         64.5         40.2         63.0	vv.         vv.3         35         b5.0         0.0         64.5           0.0         64.5         35.1         63.0         0.0         64.5           0.0         64.5         39.9         63.0         0.0         64.5           0.0         64.5         33.5         63.0         0.0         64.5           0.0         64.5         33.5         63.0         0.0         64.5	57.*         05.0         0.0           5         37.5         63.0         0.0           5         37.7         63.0         0.0           5         50         63.2         0.7	ν         33.7         b3.0         0.0         64.5           64.5         34.         63.0         0.0         64.5           64.5         34.2         63.0         0.0         64.5           64.7         31.9         63.0         0.0         64.5	-o.+ u3.0 U.0 38.4 63.0 0.0 38.5 63.0 0.0 38 63.0 0.0	+2.1         b3.0         0.0         64.5           64.5         42.1         63.0         0.0         64.5           64.5         42.2         63.0         0.0         64.5           64.5         42.2         63.0         0.0         64.5	40 63.0 0.0 40.4 43.0 45.0 45.0 45.0 45.0 45.0 45.0 45.0 45	ν         30.1         0.3.0         U.U         64.5           64.5         36.3         63.0         0.0         64.5           64.5         36.8         63.0         0.0         64.5           64.5         36.8         63.0         0.0         64.5           64.5         37.2         63.0         0.0         64.5	0         0         6           35         63.0         0.0         6           35.2         63.0         0.0         6           35.1         63.0         0.0         6	30.0         b3.0         0.0           34.5         37         63.0         0.0           34.5         37.1         63.0         0.0           34.5         37         63.0         0.0	v-,3         32.4         b3.0         0.0           64.5         32.6         63.0         0.0         0           64.5         32.8         63.0         0.0         0           64.5         32.8         63.0         0.0         0	64.5 64.5 64.5
056A 006.0G 056A 007.0G 056A 008.0G	6 056A 7 056A 8 056A	63.0         64.5         40.6         63.0         0.0           63.0         64.5         41.9         63.0         0.0           63.0         64.5         44.2         63.0         0.1	64.5         40.9         63.0         0.0         64.5           64.5         41.9         63.0         0.0         64.5           64.5         45         63.0         0.1         64.5	41.4         63.0         0.0         64.5         33.6         63.0           42.4         63.0         0.0         64.5         33.7         63.0           44.6         63.0         0.1         64.5         33.7         63.0	0.0         64.5         33.1         63.0         0.0         64.5           0.0         64.5         33.1         63.0         0.0         64.5           0.0         64.5         33.1         63.0         0.0         64.5           0.0         64.5         33.1         63.0         0.0         64.5	5         50         63.2         0.2           5         50         63.2         0.2           5         50         63.2         0.2           5         49.9         63.2         0.2	64.7         31.9         63.0         0.0         64.5           64.7         31.3         63.0         0.0         64.5           64.7         31.1         63.0         0.0         64.5	38.4         63.0         0.0           43.3         63.0         0.0           45.9         63.0         0.1	64.5         42.8         63.0         0.0         64.5           64.5         45.5         63.0         0.1         64.5           64.5         46.9         63.1         0.1         64.6	40.6 63.0 0.0 41.2 63.0 0.0 43.4 63.0 0.0	64.5         37.3         63.0         0.0         64.5           64.5         37.3         63.0         0.0         64.5           64.5         37.3         63.0         0.0         64.5           64.5         34.2         63.0         0.1         64.5	35.1         63.0         0.0         6           35.2         63.0         0.0         6           33.9         63.0         0.0         6	54.5         37         63.0         0.0           54.5         36.9         63.0         0.0           54.5         35.8         63.0         0.0	64.5         32.4         63.0         0.0           64.5         32.3         63.0         0.0           64.5         31.3         63.0         0.0	64.5 64.5 64.5
056A 009.0G 056A 010.0G 056A 011.0G	9 056A 10 056A 11 056A	63.0         64.5         44.6         63.0         0.1           63.0         64.5         42.1         63.0         0.0           63.0         64.5         41.7         63.0         0.0           63.0         64.5         41.7         63.0         0.0	64.5         45.1         63.0         0.1         64.5           64.5         42.2         63.0         0.0         64.5           64.5         41.9         63.0         0.0         64.5           64.5         41.9         63.0         0.0         64.5	45         63.0         0.1         64.5         33.8         63.0           42.3         63.0         0.0         64.5         33.5         63.0           41.6         63.0         0.0         64.5         32.7         63.0           41.6         63.0         0.0         64.5         32.7         63.0	0.0         64.5         33.4         63.0         0.0         64.5           0.0         64.5         33         63.0         0.0         64.5           0.0         64.5         32         63.0         0.0         64.5           0.0         64.5         32.8         63.0         0.0         64.5           0.0         64.5         32.8         63.0         0.0         64.5	5 49.9 63.2 0.2 5 34.9 63.0 0.0 5 34.6 63.0 0.0 5 24.6 63.0 0.0	64.7         31.1         63.0         0.0         64.5           64.5         30.9         63.0         0.0         64.5           64.5         30.5         63.0         0.0         64.5           64.5         30.5         63.0         0.0         64.5           64.5         30.5         63.0         0.0         64.5	44.1         63.0         0.1           45.5         63.0         0.1           44.2         63.0         0.1           47.2         62.0         0.1	64.5         46.3         63.0         0.1         64.5           64.5         48         63.1         0.1         64.6           64.5         48.1         63.1         0.1         64.6           64.5         48.1         63.1         0.1         64.6	44.6 63.0 0.1 46.1 63.0 0.1 45.7 63.0 0.1	64.5         36.5         63.0         0.0         64.5           64.5         36.4         63.0         0.0         64.5           64.5         36.4         63.0         0.0         64.5           64.5         36.2         63.0         0.0         64.5           64.6         36.4         63.0         0.0         64.5	34         63.0         0.0         6           33.9         63.0         0.0         6           33.9         63.0         0.0         6           34         63.0         0.0         6	54.5         35.8         63.0         0.0           54.5         35.7         63.0         0.0           54.5         35.6         63.0         0.0           54.5         35.6         63.0         0.0	64.5         31.3         63.0         0.0           64.5         31.1         63.0         0.0           64.5         30.8         63.0         0.0           64.5         30.8         63.0         0.0	64.5 64.5 64.5
056A 013.0G 056A 014.0G 056A 015.0G	13 056A 14 056A 15 056A	63.0         64.5         41.5         63.0         0.0           63.0         64.5         41.6         63.0         0.0           63.0         64.5         41.6         63.0         0.0           63.0         64.5         41.7         63.0         0.0	64.5         41.8         63.0         0.0         64.5           64.5         41.8         63.0         0.0         64.5           64.5         42         63.0         0.0         64.5           64.5         43.3         63.0         0.0         64.5	41.5         63.0         0.0         64.5         32.5         63.0           41.5         63.0         0.0         64.5         32.5         63.0           41.5         63.0         0.0         64.5         32.6         63.0           41.5         63.0         0.0         64.5         32.6         63.0           42.6         63.0         0.0         64.5         32.8         63.0	0         33.2         03.0         0.0         64.5           0.0         64.5         33.2         63.0         0.0         64.5           0.0         64.5         33.3         63.0         0.0         64.5           0.0         64.5         33.4         63.0         0.0         64.5           0.0         64.5         33.4         63.0         0.0         64.5	5 34.4 63.0 0.0 5 34.5 63.0 0.0 5 34.6 63.0 0.0	64.5         64.5           64.5         30.4         63.0         0.0         64.5           64.5         30.5         63.0         0.0         64.5           64.5         30.6         63.0         0.0         64.5	M.2         W.1         U.1           47.2         63.1         0.1           47.2         63.1         0.1           47         63.1         0.1	64.6         50.9         63.2         0.3         64.7           64.6         50.9         63.2         0.3         64.7           64.6         50.9         63.2         0.3         64.7           64.6         50.2         63.2         0.2         64.7	48.4         63.1         0.1           48.6         63.1         0.2           47.4         63.1         0.1	30.4         03.0         0.0         64.5           64.6         36.6         63.0         0.0         64.5           64.6         35.3         63.0         0.0         64.5           64.6         35.4         63.0         0.0         64.5	34.3         63.0         0.0         6           32.2         63.0         0.0         6           32.3         63.0         0.0         6	34.5         36         63.0         0.0           54.5         36.1         63.0         0.0           54.5         34.1         63.0         0.0           54.5         34.2         63.0         0.0	64.5         29.7         63.0         0.0           64.5         29.7         63.0         0.0           64.5         29.8         63.0         0.0	64.5 64.5 64.5
056A 016.0G 056A 017.0G	16 056A 17 056A	63.0 64.5 42.6 63.0 0.0 63.0 64.5 42.6 63.0 0.0	64.5 43.4 63.0 0.0 64.5 64.5 43.4 63.0 0.0 64.5	43.3         63.0         0.0         64.5         33         63.0           43.3         63.0         0.0         64.5         33.2         63.0	0.0 64.5 33.5 63.0 0.0 64.5 0.0 64.5 34.6 63.0 0.0 64.5	5 34.8 63.0 0.0 5 35.6 63.0 0.0	64.5 30.7 63.0 0.0 64.5 64.5 30.8 63.0 0.0 64.5	36.7 63.0 0.0 36.8 63.0 0.0	64.5         40.6         63.0         0.0         64.5           64.5         40.8         63.0         0.0         64.5	38.4 63.0 0.0 38.4 63.0 0.0	64.5 35.6 63.0 0.0 64.5 64.5 35.7 63.0 0.0 64.5	32.9 63.0 0.0 6 32.9 63.0 0.0 6	54.5 34.6 63.0 0.0 54.5 34.7 63.0 0.0	64.5 30 63.0 0.0 64.5 30.1 63.0 0.0	64.5

		5 months (demo) P1T1	2 mon	ths of Overlap (	(only 2 months of hoe ran P1T1b	n modeled)	8 months (foundation) P1T2		6 months (superstruture) P1T3		1 Months (exterior) P1T4		3 months of o	overlap (ext/int)	7 months (int) P1TS		4 months (demo) P2T1	1 month of Overlap (demo/excavation) P2T1b	5 months (foundation) P2T2		16 months (superstructure) P2T3	2 M	Months (exteriors) P2T4	4 months of overlap (ext/int) P2T4b	7 n	nonths (interiors) P2TS
CadnaA Elevation Façade Exis Receptor Sites (floor) Number Lec 056A 018.0G 18 056A 63	ting Existing (1) L10 .0 64.5	Leq         L           Const         Total         Change         Exceed?         Total           42.5         63.0         0.0         6         6	10 otal Con 4.5 43.4	Leq st Total 4 63.0	Change Exceed?	L10 Total C 64.5	Leq         L1           Const         Total         Change         Exceed?         Tot           43.3         63.0         0.0         64         64         64	0 tal Const .5 33.3	Leq         L10           'otal         Change         Exceed?         Total           53.0         0.0         64.2         64.2	tal Cons .5 34.6	Leq         L10           t         Total         Change         Exceed?         Total           63.0         0.0         64.5         64.5         64.5	Const 35.7	Leq Total Chan 63.0 0.0	nge Exceed? Total 0 0 64.5	Leq           onst         Total         Change         Exceed?           10.9         63.0         0.0         0.0	L10 Total Const 64.5 36.9	Leq           Total         Change         Exceed?           63.0         0.0         0.0         0.0	L10         Leq         L1           Total         Const         Total         Change         Exceed?         To           64.5         40.9         63.0         0.0         64         64	0         Leq         L10           cal         Const         Total         Change         Exceed?         Total           5         38.5         63.0         0.0         64.5         64.5	Const 35.7	Leq         L10           Total         Change         Exceed?         Total           63.0         0.0         64.5         64.5	Leq Const Total 32.9 63.0	L10           Change         Exceed?         Total         Const           0.0         64.5         34.7	Leq         I           Total         Change         Exceed?         T           63.0         0.0         6         6	10 Leq tal Const Total 4.5 30.2 63.0	L10           Change         Exceed?         Total           0.0         64.5
056A 019.0G 19 056A 65 056A 020.0G 20 056A 65 056A 021.0G 21 056A 65	.0 64.5 .0 64.5 .0 64.5	42.6         63.0         0.0         6           42.6         63.0         0.0         6           42.6         63.0         0.0         6	4.5 43.0 4.5 43.0 4.5 43.0	6 63.0 6 63.0 7 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.3 63.0 0.0 64 43.3 63.0 0.0 64 43.3 63.0 0.0 64	.5 33.4 .5 33.6 .5 33.8	53.0 0.0 644 53.0 0.0 644 53.0 0.0 644	.5 34.7 .5 34.7 .5 34.8	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	35.8 35.9 36	63.0 0.0 63.0 0.0 63.0 0.0	0 64.5 0 64.5 0 64.5	31 63.0 0.0 81.2 63.0 0.0 81.4 63.0 0.0	64.5 37.1 64.5 37.6 64.5 38.3	63.0 0.0 63.0 0.0 63.0 0.0	64.5         41         63.0         0.0         64           64.5         41.2         63.0         0.0         64           64.5         41.2         63.0         0.0         64           64.5         42.7         63.0         0.0         64	5         38.7         63.0         0.0         64.5           5         38.9         63.0         0.0         64.5           5         40         63.0         0.0         64.5	35.8 36.1 37.8	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	32.9 63.0 34.1 63.0 35.2 63.0	0.0 64.5 34.8 0.0 64.5 35.1 0.0 64.5 37.1	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 30.3 63.0 4.5 30.5 63.0 4.5 32.9 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056A 022.0G 22 056A 63 056A 023.0G 23 056A 63	.0 64.5	43.2 63.0 0.0 6 43.9 63.0 0.1 6 43.9 63.0 0.1 6	4.5 44 4.5 44.	63.0 7 63.0	0.1	64.5 4 64.5	43.8 63.0 0.1 64 44 63.0 0.1 64	.5 34.1 .5 34.7	53.0 0.0 64. 53.0 0.0 64.	.5 35 .5 35.2	63.0 0.0 64.5 63.0 0.0 64.5	36.2 36.5	63.0 0.0 63.0 0.0	0 64.5	81.6 63.0 0.0 12.1 63.0 0.0	64.5 39.4 64.5 41.1	63.0 0.0 63.0 0.0	64.5         44.2         63.0         0.1         64           64.5         45.9         63.0         0.1         64           64.5         45.9         63.0         0.1         64	5 42.2 63.0 0.0 64.5 5 43.6 63.0 0.1 64.5	39.5 42	63.0 0.0 64.5 63.0 0.0 64.5	37.3 63.0 39.4 63.0	0.0 64.5 38.9 0.0 64.5 41.6	63.0 0.0 6 63.0 0.0 6	4.5 33.8 63.0 4.5 37.7 63.0	0.0 64.5
056A 024.0G 24 056A 63 056A 025.0G 25 056A 63 056A 026.0G 26 056A 63	.0 64.5 .0 64.5 .0 64.5	43.9         63.0         0.1         6           43.9         63.0         0.1         6           43.9         63.0         0.1         6           43.9         63.0         0.1         6	4.5 44.1 4.5 44.1 4.5 44.1	8 63.0 9 63.0 9 63.0	0.1 0.1 0.1	64.5 4 64.5 4	44 63.0 0.1 64 44.1 63.0 0.1 64 44.1 63.0 0.1 64	.5 35.1 .5 35.5 .5 35.7	33.0         0.0         64.           33.0         0.0         64.           33.0         0.0         64.           53.0         0.0         64.	.5 35.4 .5 35.6 .5 35.7	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	36.8 37 37.2	63.0 0.0 63.0 0.0 63.0 0.0	0 64.5 0 64.5 0 64.5	i2.6         63.0         0.0           i2.9         63.0         0.0           i3.2         63.0         0.0	64.5 41.1 64.5 41.2 64.5 41.2	63.0 0.0 63.0 0.0 63.0 0.0	64.5         46.4         63.0         0.1         64           64.5         46.5         63.0         0.1         64           64.5         46.5         63.0         0.1         64           64.5         46.5         63.0         0.1         64	5         44.5         63.0         0.1         64.5           5         44.5         63.0         0.1         64.5           5         44.5         63.0         0.1         64.5           5         44.5         63.0         0.1         64.5	42.1 42.1 42.2	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.5 63.0 39.5 63.0 39.5 63.0	0.0 64.5 41.7 0.0 64.5 41.7 0.0 64.5 41.8	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 37.8 63.0 4.5 37.9 63.0 4.5 37.9 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056A 027.0G 27 056A 63 056A 028.0G 28 056A 63 056A 029.0G 29 056A 63	.0 64.5 .0 64.5	43.9 63.0 0.1 6 43.9 63.0 0.1 6 43.9 63.0 0.1 6	4.5 44.9 4.5 45 4.5 45	9 63.0 63.0	0.1 0.1 0.1	64.5 4 64.5 4	44.1 63.0 0.1 64 44.1 63.0 0.1 64 44.1 63.0 0.1 64	.5 35.9 .5 36.3	53.0 0.0 64. 53.0 0.0 64. 53.0 0.0 64.	.5 35.8 .5 36	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	37.3 37.6 37.7	63.0 0.0 63.0 0.0	0 64.5 0 64.5	13.3 63.0 0.0 13.6 63.0 0.0 13.7 63.0 0.0	64.5 41.3 64.5 41.3 64.5 41.3	63.0 0.0 63.0 0.0 63.0 0.0	64.5 46.5 63.0 0.1 64 64.5 46.6 63.0 0.1 64 64.5 46.6 63.0 0.1 64	5 44.5 63.0 0.1 64.5 5 44.6 63.0 0.1 64.5 5 44.6 63.0 0.1 64.5	42.2 42.2 42.2	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.6 63.0 39.6 63.0 39.6 63.0	0.0 64.5 41.8 0.0 64.5 41.9 0.0 64.5 41.9	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 37.9 63.0 4.5 38 63.0 4.5 38 63.0	0.0 64.5
056A 030.0G 30 056A 63 056A 031.0G 31 056A 63	.0 64.5	43.9 63.0 0.1 6 43.9 63.0 0.1 6	4.5 45 4.5 45	63.0	0.1 0.1 0.1	64.5 4 64.5 4	44.1         63.0         0.1         64           44.1         63.0         0.1         64           44.1         63.0         0.1         64	.5 36.5 .5 36.6	53.0 0.0 641 53.0 0.0 641	.5 36.1 .5 36.1	63.0 0.0 64.5 63.0 0.0 64.5	37.7	63.0 0.0 63.0 0.0	0 64.5 0 64.5	13.8 63.0 0.0 13.9 63.0 0.0	64.5 41.4 64.5 41.4	63.0 0.0 63.0 0.0	64.5 46.5 63.0 0.1 64 64.5 46.5 63.0 0.1 64	5         44.6         63.0         0.1         64.5           5         44.6         63.0         0.1         64.5	42.3	63.0 0.0 64.5 63.0 0.0 64.5	39.6 63.0 39.6 63.0	0.0 64.5 41.9 0.0 64.5 41.9	63.0 0.0 6 63.0 0.0 6	4.5 38.1 63.0 4.5 38.1 63.0	0.0 64.5
056A 032.0G 32 056A 63 056A 033.0G 33 056A 63 056A 034.0G 34 056A 63	.0 64.5 .0 64.5 .0 64.5	43.9 63.0 0.1 6 43.8 63.0 0.1 6 43.8 63.0 0.1 6	4.5 45 4.5 45 4.5 45	63.0 63.0 63.0	0.1 0.1 0.1	64.5 4 64.5 4	44.1 63.0 0.1 64 44.1 63.0 0.1 64 44.1 63.0 0.1 64	.5 36.7 .5 36.7 .5 36.8	33.0         0.0         64.1           53.0         0.0         64.1           53.0         0.0         64.1           53.0         0.0         64.1	.5 36.1 .5 36.1	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	37.9 38 38.1	63.0 0.0 63.0 0.0 63.0 0.0	0 64.5 0 64.5 0 64.5	34 63.0 0.0 34 63.0 0.0 14.1 63.0 0.0	64.5 41.3 64.5 41.3 64.5 41.3	63.0 0.0 63.0 0.0 63.0 0.0	64.5         46.5         63.0         0.1         64           64.5         46.5         63.0         0.1         64           64.5         46.5         63.0         0.1         64           64.5         46.5         63.0         0.1         64	5         44.5         63.0         0.1         64.5           5         44.5         63.0         0.1         64.5           5         44.5         63.0         0.1         64.5           5         44.5         63.0         0.1         64.5	42.3 42.2 42.3	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.6 63.0 39.6 63.0 39.6 63.0	0.0 64.5 41.9 0.0 64.5 41.9 0.0 64.5 41.9	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 38.1 63.0 4.5 38 63.0 4.5 38.1 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056A 035.0G 35 056A 63 056A 036.0G 36 056A 63	.0 64.5	43.8 63.0 0.1 6 43.7 63.0 0.1 6	4.5 45 4.5 45	63.0 63.0	0.1 0.1	64.5 64.5	44 63.0 0.1 64 44 63.0 0.1 64	.5 36.9 .5 36.9	53.0 0.0 64. 53.0 0.0 64.	.5 36.2 .5 36.2	63.0 0.0 64.5 63.0 0.0 64.5	38.1 38.1	63.0 0.0 63.0 0.0	0 64.5 0 64.5	44.2 63.0 0.0 44.2 63.0 0.0	64.5 41.3 64.5 41.3	63.0 0.0 63.0 0.0	64.5 46.5 63.0 0.1 64 64.5 46.5 63.0 0.1 64	5 44.5 63.0 0.1 64.5 5 44.5 63.0 0.1 64.5	42.3 42.2	63.0 0.0 64.5 63.0 0.0 64.5	39.6 63.0 39.5 63.0	0.0 64.5 41.9 0.0 64.5 41.8	63.0 0.0 6	4.5 38.1 63.0 4.5 38.1 63.0	0.0 64.5
056A 037.056 37 056A 63 056A 038.0G 38 056A 63 056A 039.0G 39 056A 63	.0 64.5 .0 64.5	43.6 63.0 0.1 6 43.6 63.0 0.1 6	4.5 44.1 4.5 44.1	9 63.0 8 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.9 63.0 0.1 64 43.9 63.0 0.1 64	.5 36.9 .5 36.8	53.0 0.0 64. 53.0 0.0 64.	.5 36.2 .5 36.1	63.0 0.0 64.5 63.0 0.0 64.5	38.1	63.0 0.0 63.0 0.0	0 64.5 0 64.5	4.1 63.0 0.0 44.1 63.0 0.0	64.5 41.7 64.5 41.7 64.5 41.6	63.0 0.0 63.0 0.0	64.5 46.6 63.0 0.1 64 64.5 46.6 63.0 0.1 64	5         44.4         65.0         0.1         64.3           6         44.6         63.0         0.1         64.5           5         44.6         63.0         0.1         64.5	42.2 42.2 42.1	63.0 0.0 64.5 63.0 0.0 64.5	39.5 63.0 39.4 63.0	0.0 64.5 41.8 0.0 64.5 41.8 0.0 64.5 41.7	63.0 0.0 6 63.0 0.0 6	4.5 38 63.0 4.5 37.9 63.0	0.0 64.5
056A 040.0G 40 056A 63 056A 041.0G 41 056A 63 056A 042.0G 42 056A 63	.0 64.5	43.5 63.0 0.0 6 43.5 63.0 0.0 6 43.4 63.0 0.0 6	4.5 44.1 4.5 44.1	8 63.0 7 63.0 7 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.8 63.0 0.1 64 43.8 63.0 0.1 64 43.7 63.0 0.1 64	.5 36.8 .5 36.8	53.0 0.0 644 53.0 0.0 644	.5 36.1 .5 36.1	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	38 38 27.9	63.0 0.0 63.0 0.0	0 64.5 0 64.5	14.1 63.0 0.0 34 63.0 0.0	64.5 41.6 64.5 41.5 64.5 41.4	63.0 0.0 63.0 0.0	64.5 46.6 63.0 0.1 64 64.5 46.5 63.0 0.1 64 64.5 46.5 63.0 0.1 64	5 44.5 63.0 0.1 64.5 5 44.5 63.0 0.1 64.5 5 44.4 62.0 0.1 64.5	42.1 42.1 42.1	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.4 63.0 39.4 63.0 29.2 63.0	0.0 64.5 41.7 0.0 64.5 41.7 0.0 64.5 41.7	63.0 0.0 6 63.0 0.0 6 62.0 0.0 6	4.5 37.9 63.0 4.5 37.9 63.0	0.0 64.5
056A 043.0G 43 056A 63 056A 044.0G 44 056A 63	.0 64.5 .0 64.5	43.4 63.0 0.0 6 43.3 63.0 0.0 6	4.5 44.1 4.5 44.1	6 63.0 5 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.6 63.0 0.1 64 43.6 63.0 0.1 64	.5 36.7 .5 36.6	53.0 0.0 641 53.0 0.0 641	.5 35.9 .5 35.9	63.0 0.0 64.5 63.0 0.0 64.5	37.8 37.8	63.0 0.0 63.0 0.0	0 64.5 0 64.5	13.9 63.0 0.0 13.8 63.0 0.0	64.5 41.4 64.5 41.4 64.5 41.4	63.0 0.0 63.0 0.0	64.5 46.4 63.0 0.1 64 64.5 46.4 63.0 0.1 64	5         44.4         63.0         0.1         64.5           5         44.3         63.0         0.1         64.5	42 41.9	63.0 0.0 64.5 63.0 0.0 64.5	39.2 63.0 39.2 63.0	0.0 64.5 41.5 0.0 64.5 41.5	63.0 0.0 6 63.0 0.0 6	4.5 37.7 63.0 4.5 37.7 63.0	0.0 64.5
056A 045.0G 45 056A 63 056A 046.0G 46 056A 63 056A 047.0G 47 056A 63	.0 64.5 .0 64.5 .0 64.5	43.3 63.0 0.0 6 43.2 63.0 0.0 6 43.2 63.0 0.0 6	4.5 44.9 4.5 44.4 4.5 44.4	5 63.0 4 63.0 4 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.5 63.0 0.0 64 43.5 63.0 0.0 64 43.4 63.0 0.0 64	.5 36.6 .5 36.6 .5 36.6		.5 35.9 .5 35.8 .5 35.8	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	37.8 37.7 37.8	63.0 0.0 63.0 0.0 63.0 0.0	0 64.5 0 64.5 0 64.5	13.8 63.0 0.0 13.8 63.0 0.0 13.8 63.0 0.0	64.5 41.3 64.5 41.3 64.5 41.2	63.0 0.0 63.0 0.0 63.0 0.0	64.5 46.4 63.0 0.1 64 64.5 46.3 63.0 0.1 64 64.5 46.3 63.0 0.1 64	5 44.3 63.0 0.1 64.5 5 44.2 63.0 0.1 64.5 5 44.2 63.0 0.1 64.5	41.9 41.9 41.8	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.2 63.0 39.1 63.0 39.1 63.0	0.0 64.5 41.5 0.0 64.5 41.4 0.0 64.5 41.4	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 37.7 63.0 4.5 37.6 63.0 4.5 37.6 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056A 048.0G 48 056A 63 056A 049.0G 49 056A 63	.0 64.5	43.1 63.0 0.0 6 43.1 63.0 0.0 6	4.5 44.4 4.5 44.3	4 63.0 3 63.0	0.1	64.5 4	43.4 63.0 0.0 64 43.3 63.0 0.0 64	.5 36.7 .5 36.8	53.0 0.0 64. 53.0 0.0 64.	.5 35.9	63.0 0.0 64.5 63.0 0.0 64.5	37.8	63.0 0.0 63.0 0.0	0 64.5 0 64.5	13.9 63.0 0.0 34 63.0 0.0	64.5 41.2 64.5 41.2	63.0 0.0 63.0 0.0	64.5 46.2 63.0 0.1 64 64.5 46.2 63.0 0.1 64	5 44.1 63.0 0.1 64.5 5 44.1 63.0 0.1 64.5	41.8	63.0 0.0 64.5 63.0 0.0 64.5	39.1 63.0 39.1 63.0	0.0 64.5 41.4 0.0 64.5 41.4	63.0 0.0 6	4.5 37.6 63.0 4.5 37.6 63.0	0.0 64.5
056A 051.0G 51 056A 63 056B 001.0G 1 056B 63	.0 64.5 .0 64.5	43 63.0 0.0 6 43 63.0 0.0 6 39.2 63.0 0.0 6	4.5 44.3 4.5 39.0	3 63.0 6 63.0	0.1 0.1 0.0	64.5 4 64.5 3	43.3 63.0 0.0 64 39.5 63.0 0.0 64	.5 37.1 .5 34.5	53.0 0.0 64 53.0 0.0 64	.5 36.1 .5 33.2	63.0 0.0 64.5 63.0 0.0 64.5	38.1 35.5	63.0 0.0 63.0 0.0	0 64.5 0 64.5	44.3 63.0 0.0 12.4 63.0 0.0	64.5 41.2 64.5 37.4	63.0 0.0 63.0 0.0	64.5 46.2 63.0 0.1 64 64.5 42 63.0 0.1 64	5         44         65.0         0.1         64.3           5         44         63.0         0.1         64.5           5         39.5         63.0         0.0         64.5	41.8 41.9 55.5	63.0 0.0 64.5 63.7 0.7 65.2	39.1 63.0 53.4 63.4	0.0 64.5 41.4 0.0 64.5 41.4 0.5 64.9 54.7	63.0 0.0 6 63.6 0.6 6	4.5 37.6 63.0 4.5 37.7 63.0 5.1 34.6 63.0	0.0 64.5
0568 002.OG 2 0568 63 0568 003.OG 3 0568 63 0568 005.OG 5 0568 63	.0 64.5 .0 64.5 .0 64.5	40.3 63.0 0.0 6 40.6 63.0 0.0 6 47.7 63.1 0.1 6	4.5 40.4 4.5 40.1 4.6 47.1	4 63.0 8 63.0 8 63.1	0.0 0.0 0.1	64.5 4 64.5 4 64.6 4	40.2 63.0 0.0 64 40.5 63.0 0.0 64 47.6 63.1 0.1 64	.5 34.7 .5 34.9 .6 58.6		.5 33.3 .5 34 .8 56.8	63.0 0.0 64.5 63.0 0.0 64.5 63.9 0.9 65.4	35.6 35.9 57.8	63.0 0.0 63.0 0.0 64.1 1.2	0 64.5 0 64.5 2 65.6	12.5 63.0 0.0 12.8 63.0 0.0 11.6 63.3 0.3	64.5 37.8 64.5 37.9 64.8 42.3	63.0 0.0 63.0 0.0 63.0 0.0	64.5         42.2         63.0         0.0         64           64.5         42.3         63.0         0.0         64           64.5         42.3         63.0         0.0         64           64.5         46.8         63.1         0.1         64	5 39.8 63.0 0.0 64.5 5 39.9 63.0 0.0 64.5 6 44.6 63.0 0.1 64.5	55.1 54.6 53.8	63.6 0.7 65.1 63.5 0.6 65.0 63.4 0.5 64.9	52.5 63.3 51.7 63.3 51.3 63.2	0.4 64.8 53.9 0.3 64.8 53.3 0.3 64.7 52.9	63.5 0.5 6 63.4 0.4 6 63.4 0.4 6	5.0 34.7 63.0 4.9 34.7 63.0 4.9 36 63.0	0.0 64.5 0.0 64.5 0.0 64.5
0568 006.0G 6 0568 63 0568 007.0G 7 0568 63	.0 64.5 .0 64.5	53.5 63.4 0.5 6 56.3 63.8 0.9 6	4.9 53. 5.3 57.	7 63.4 1 64.0	0.5	64.9 65.5	53.1 63.4 0.4 64 55.7 63.7 0.7 65	.9 59.4 .2 59.4	54.5 1.6 66J 54.5 1.6 66J	0 57.8	64.1 1.2 65.6 64.1 1.2 65.6	58.7 58.8	64.3 1.4 64.4 1.4	4 65.8 4 65.9	2.9 63.4 0.4 2.9 63.4 0.4	64.9 49 64.9 53.3	63.1 0.2 63.4 0.4	64.6 53.9 63.5 0.5 65 64.9 59.3 64.5 1.6 66	0 52.2 63.3 0.4 64.8 0 57.6 64.1 1.1 65.6	53.9 56.5	63.5 0.5 65.0 63.8 0.9 65.3	51.4 63.2 53.7 63.4	0.3 64.7 53 0.5 64.9 55.8	63.4 0.4 6 63.7 0.8 6	4.9 36.8 63.0 5.2 49.6 63.1	0.0 64.5 0.2 64.6
0568 008.0G 8 0568 63 0568 009.0G 9 0568 63 0568 010.0G 10 0568 63	.0 64.5 .0 64.5 .0 64.5	59 64.4 1.5 6 60 64.7 1.8 6 60.7 65.0 2.0 9	5.9 58.4 6.2 59.3 6.5 60.3	4 64.3 2 64.5 2 64.8	1.3 1.5 1.8	65.8 66.0 66.3	59 64.4 1.5 65 60 64.7 1.8 66 60.7 65.0 2.0 66	.9 59.4 .2 59.4 .5 59.4	54.5 1.6 660 54.5 1.6 660 54.5 1.6 660	0 57.5	64.1 1.2 65.6 64.2 1.2 65.7 64.2 1.2 65.7	58.8 58.9 58.9	64.4 1.4 64.4 1.4 64.4 1.4	4 65.9 4 65.9 4 65.9	22.9 63.4 0.4 i2.9 63.4 0.4 i2.9 63.4 0.4	64.9 54.6 64.9 54.9 64.9 55.1	63.5 0.6 63.6 0.6 63.6 0.7	65.0 60.1 64.8 1.8 66 65.1 60.5 64.9 2.0 66 65.1 61.1 65.1 2.2 66	3 58.3 64.2 1.3 65.7 4 58.7 64.3 1.4 65.8 6 59.4 64.5 1.6 66.0	56.6 56.8 57.1	63.9 0.9 65.4 63.9 0.9 65.4 64.0 1.0 65.5	53.8 63.4 53.9 63.5 54.2 63.5	0.5 64.9 55.9 0.5 65.0 56.1 0.5 65.0 56.4	63.7 0.8 6 63.8 0.8 6 63.8 0.9 6	5.2 49.7 63.2 5.3 50.1 63.2 5.3 50.7 63.2	0.2 64.7 0.2 64.7 0.3 64.7
0568 011.0G 11 0568 65 0568 012.0G 12 0568 65 0568 012.0G 13 0568 65	.0 64.5 .0 64.5	60.1 64.8 1.8 9 61.3 65.2 2.3 6 61.2 65.2 2.3	6.3 60. 6.7 61. 6.7 62.	2 64.8 3 65.2 4 65.7	1.8 2.3 2.7	66.3 66.7 6	60 64.7 1.8 66 61.3 65.2 2.3 66 61.6 65.2 2.4 66	.2 59.4 .7 59.3	54.5 1.6 66J 54.5 1.6 66J	0 58	64.2 1.2 65.7 64.2 1.2 65.7 64.2 1.2 65.7	58.9 58.9	64.4 1.4 64.4 1.4 64.4 1.4	4 65.9 4 65.9	2.9 63.4 0.4 2.8 63.4 0.4 2.8 62.4 0.4	64.9 55.4 64.9 54.6 64.9 55.9	63.7 0.7 63.5 0.6 63.7 0.9	65.2 61.4 65.3 2.3 66 65.0 60.1 64.8 1.8 66 65.2 61.9 65.5 2.5 61	8         59.8         64.7         1.7         66.2           3         58.5         64.3         1.3         65.8           0         60         64.7         1.8         66.2	57.3 55.7	64.0 1.0 65.5 63.7 0.7 65.2	54.4 63.5 53 63.4 54.5 63.5	0.6 65.0 56.7 0.4 64.9 54.9 0.6 65.0 56.9	63.9 0.9 6 63.6 0.6 6 62.9 1.0 6	5.4 51.3 63.2 5.1 47.4 63.1	0.3 64.7 0.1 64.6
0568 014.0G 14 0568 63 0568 015.0G 15 0568 63	.0 64.5	62         65.5         2.6         6           62.1         65.6         2.6         6	7.0 62.	5 65.7 7 65.8	2.8 2.9	67.2 6 67.3 6	61.8 65.4 2.5 66 61.8 65.4 2.5 66	.9 59.3 .9 59.3	54.5 1.6 66J		64.2 1.2 65.7 64.2 1.2 65.7	58.8	64.4 1.4 64.4 1.4	4 65.9 4 65.9	52.8 63.4 0.4 52.8 63.4 0.4	64.9 55.9 64.9 56.1	63.7 0.8 63.8 0.8	65.2         62         65.5         2.6         67           65.3         62.3         65.6         2.7         67	0 60.4 64.9 1.9 66.4 1 60.7 65.0 2.0 66.5	57.5 57.5	64.0 1.1 65.5 64.0 1.1 65.5	54.5 63.5 54.5 63.5	0.6 65.0 56.9 0.6 65.0 56.9	63.9 1.0 6 63.9 1.0 6	5.4 51.7 63.3 5.4 51.7 63.3	0.3 64.8
0568 016.0G 16 0568 63 0568 017.0G 17 0568 63 0568 018.0G 18 0568 63	.0 64.5 .0 64.5 .0 64.5	62.1 65.6 2.6 6 62.2 65.6 2.7 6 62.1 65.6 2.6 6	7.1 61.1 7.1 62.1 7.1 62.4	8 65.4 1 65.6 4 65.7	2.5 2.6 2.7	66.9 6 67.1 67.2 6	61.9 65.5 2.5 67 62 65.5 2.6 67 62.1 65.6 2.6 67	.0 59.3 .0 59.2 .1 59.2	54.5 1.6 660 54.5 1.5 660 54.5 1.5 660	0 57.5	64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.1 65.5	58.5 58.5 58.5	64.3 1.3 64.3 1.3 64.3 1.3	3 65.8 3 65.8 3 65.8	2.8 63.4 0.4 2.8 63.4 0.4 2.7 63.3 0.4	64.9 56.3 64.9 56.4 64.8 56.6	63.8 0.9 63.8 0.9 63.9 0.9	65.3         62.4         65.7         2.7         67           65.3         62.5         65.7         2.8         67           65.4         62.5         65.7         2.8         67	2 60.7 65.0 2.0 66.5 2 60.8 65.0 2.1 66.5 2 60.8 65.0 2.1 66.5	57.5 57.5 57.5	64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.1 65.5	54.5 63.5 54.5 63.5 54.4 63.5	0.6 65.0 56.9 0.6 65.0 56.8 0.6 65.0 56.8	63.9 1.0 6 63.9 0.9 6 63.9 0.9 6	5.4 51.7 63.3 5.4 51.6 63.3 5.4 51.6 63.3	0.3 64.8 0.3 64.8 0.3 64.8
0568 019.0G 19 0568 65 0568 020.0G 20 0568 65 0568 021.0G 20 0568 65	.0 64.5	62.1 65.6 2.6 6 62.1 65.6 2.6 6 62.1 65.6 2.6 6	7.1 62.	5 65.7 5 65.7	2.8 2.8 2.7	67.2 0 67.2 0	62.1 65.6 2.6 67 62.1 65.6 2.6 67 61.9 65.6 2.6 67	.1 59.2 .1 59.1	54.5 1.5 66J 54.4 1.5 65J	.9 57.4	64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.1	58.5 58.5	64.3 1.3 64.3 1.3	3 65.8 3 65.8	2.7 63.3 0.4 2.7 63.3 0.4 2.6 63.2 0.4	64.8 56.8 64.8 57	63.9 0.9 63.9 1.0 64.0 1.0	65.4 62.6 65.8 2.8 67 65.4 62.6 65.8 2.8 67 65.4 62.6 65.8 2.8 67	3 60.8 65.0 2.1 66.5 3 60.8 65.0 2.1 66.5 2 60.8 65.0 2.1 66.5	57.5 57.5	64.0 1.1 65.5 64.0 1.1 65.5	54.4 63.5 54.4 63.5	0.6 65.0 56.8 0.6 65.0 56.8	63.9 0.9 6 63.9 0.9 6	5.4 51.6 63.3 5.4 51.5 63.3 5.4 51.5 63.3	0.3 64.8 0.3 64.8
0568 021.0G 21 0568 65 0568 022.0G 22 0568 65 0568 023.0G 23 0568 65	.0 64.5 .0 64.5	62.1 65.6 2.6 6 62.1 65.6 2.6 6	7.1 62. 7.1 62. 7.1 62.	4 65.7 1 65.6 1 65.6	2.7 2.6 2.6	67.1 6 67.1 6	61.9 65.5 2.5 67 61.9 65.5 2.5 67 61.9 65.5 2.5 67	.0 59.1 .0 59 .0 59	34.4         1.5         65.3           54.4         1.5         65.3           54.4         1.5         65.3	.9 57.5 .9 57.4	64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.1 65.5	58.5 58.5	64.3 1.3 64.3 1.3	3 65.8 3 65.8 3 65.8	2.5 63.3 0.4 2.5 63.3 0.4 2.5 63.3 0.4	64.8 57.2 64.8 57.3 64.8 57.7	64.0 1.0 64.1 1.1	b5.5         b2.6         b5.8         2.8         b7           65.5         62.7         65.8         2.9         67           65.6         62.8         65.9         2.9         67	3         60.8         65.0         2.1         66.5           3         60.9         65.1         2.1         66.6           4         60.9         65.1         2.1         66.6	57.4 57.4 57.4	64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.1 65.5	54.4 63.5 54.3 63.5 54.3 63.5	0.6 65.0 56.7 0.6 65.0 56.7	63.9 0.9 6 63.9 0.9 6 63.9 0.9 6	5.4 51.5 63.3 5.4 51.4 63.2 5.4 51.4 63.2	0.3 64.8 0.3 64.7 0.3 64.7
0568 024.0G 24 0568 63 0568 025.0G 25 0568 63 0568 025.0G 26 0568 63	.0 64.5	62 65.5 2.6 6 62 65.5 2.6 6 62 65.5 2.6 6	7.0 62.	1 65.6 1 65.6	2.6 2.6 2.6	67.1 0 67.1 0	61.8 65.4 2.5 66 61.8 65.4 2.5 66 61.7 65.4 2.4 66	.9 59 .9 58.9	54.4 1.5 653 54.4 1.4 653	.9 57.4 .9 57.4	64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.0 65.5	58.4 58.4	64.3 1.3 64.3 1.3 64.2 1.3	3 65.8 3 65.8 2 65.7	224 63.3 0.4 324 63.3 0.4 324 63.2 0.4	64.8 57.6 64.8 56.8 64.9 57	64.1 1.1 63.9 0.9 63.9 1.0	65.6         62.7         65.8         2.9         67           65.4         62.7         65.8         2.9         67           65.4         62.7         65.8         2.9         67	3 60.8 65.0 2.1 66.5 3 60.8 65.0 2.1 66.5 4 60.9 65.1 2.1 66.5	57.4 57.3	64.0 1.1 65.5 64.0 1.0 65.5 64.0 1.0 65.5	54.3 63.5 54.2 63.5 54.2 63.5	0.6 65.0 56.6 0.5 65.0 56.6 0.5 65.0 56.6	63.9 0.9 6 63.9 0.9 6 63.9 0.9 6	5.4 51.4 63.2 5.4 51.3 63.2 5.4 51.2 63.2	0.3 64.7
0568 027.0G 27 0568 63 0568 028.0G 28 0568 63	.0 64.5 .0 64.5	61.8 65.4 2.5 0 61.3 65.2 2.3 0	6.9 62 6.7 62	65.5 65.5	2.6	67.0 6	61.7 65.4 2.4 66 61.7 65.4 2.4 66	.9 58.8 .9 58.8	54.4 1.4 65. 54.4 1.4 65.	.9 57.3 .9 57.2	64.0 1.0 65.5 64.0 1.0 65.5	58.3 58.2	64.2 1.3 64.2 1.3	3 65.7 3 65.7	2.4 63.3 0.4 2.3 63.3 0.4	64.8 57.3 64.8 56.8	64.0 1.0 63.9 0.9	65.5 62.8 65.9 2.9 67 65.4 62.8 65.9 2.9 67	4 60.6 64.9 2.0 66.4 4 60.6 64.9 2.0 66.4	57.3 57.3	64.0 1.0 65.5 64.0 1.0 65.5	54.1 63.5 54.1 63.5	0.5 65.0 56.5 0.5 65.0 56.5	63.8 0.9 6 63.8 0.9 6	5.3 51.2 63.2 5.3 51.1 63.2	0.3 64.7 0.3 64.7
0568 029.0G 29 0568 63 0568 030.0G 30 0568 63 0568 031.0G 31 0568 63	.0 64.5 .0 64.5 .0 64.5	61 65.1 2.1 6 60.9 65.1 2.1 6 60.9 65.1 2.1 6	5.6 61.9 5.6 61.9 5.6 61.9	9 65.5 8 65.4 6 65.3	2.5 2.5 2.4	67.0 0 66.9 0 66.8 0	61.5 65.3 2.3 66 61.5 65.3 2.3 66 61.4 65.3 2.3 66	.8 58.7 .8 58.7 .8 58.6	44.3         1.4         65.3           54.3         1.4         65.3           54.3         1.4         65.3           54.3         1.4         65.3	.8 57.2 .8 57.1 .8 57.1	64.0 1.0 65.5 64.0 1.0 65.5 64.0 1.0 65.5	58.2 58.1 58	64.2 1.3 64.2 1.2 64.2 1.2	3 65.7 2 65.7 2 65.7	2.2 63.3 0.4 2.2 63.3 0.4 2.1 63.3 0.3	64.8 56.7 64.8 56.7 64.8 57.2	63.9 0.9 63.9 0.9 64.0 1.0	65.4         62.7         65.8         2.9         67           65.4         62.5         65.7         2.8         67           65.5         62.4         65.7         2.7         67	3         60.5         64.9         2.0         66.4           2         60.2         64.8         1.8         66.3           2         60.1         64.8         1.8         66.3	57.2 57.2 57.2	64.0 1.0 65.5 64.0 1.0 65.5 64.0 1.0 65.5	54.1 63.5 54 63.5 54 63.5	0.5 65.0 56.4 0.5 65.0 56.4 0.5 65.0 56.4	63.8 0.9 6 63.8 0.9 6 63.8 0.9 6	5.3 51.1 63.2 5.3 51 63.2 5.3 50.9 63.2	0.3 64.7 0.3 64.7 0.3 64.7
0568 032.0G 32 0568 65 0568 033.0G 33 0568 65	.0 64.5	60.8 65.0 2.1 6 60.7 65.0 2.0 6 60.7 65.0 2.0 6	6.5 61.9 6.5 61.9	5 65.3 5 65.3	2.3 2.3	66.8 0	61.3 65.2 2.3 66 61.3 65.2 2.3 66 61.1 65.2 66	.7 58.6 .7 58.5	54.3 1.4 653 54.3 1.3 653	8 57	63.9 1.0 65.4 63.9 1.0 65.4	57.9	64.1 1.2 64.1 1.2	2 65.6 2 65.6	52 63.3 0.3 52 63.3 0.3	64.8 57.3 64.8 57.2	64.0 1.0 64.0 1.0	65.5         62.5         65.7         2.8         67           65.5         62.4         65.7         2.7         67           65.5         62.4         65.7         2.7         67	2 60.2 64.8 1.8 66.3 2 60.2 64.8 1.8 66.3 0 60.2 64.8 1.8 66.3	57.1	64.0 1.0 65.5 64.0 1.0 65.5	53.9 63.5 53.9 63.5	0.5 65.0 56.3 0.5 65.0 56.3	63.8 0.9 6 63.8 0.9 6	5.3 50.9 63.2 5.3 50.8 63.2	0.3 64.7
0568 034.0G 34 0568 63 0568 035.0G 35 0568 63 0568 036.0G 36 0568 63	.0 64.5 .0 64.5	60.6 64.9 2.0 6 60.5 64.9 2.0 6	6.4 61.4 6.4 61.3	4 65.3 3 65.2	2.3 2.3 2.3	66.8 6 66.7 6	60.7 65.0 2.0 66 60.6 64.9 2.0 66	.5 58.4 .4 58.3	34.3         1.3         053           34.3         1.3         653           54.2         1.3         655	.8 56.8 .7 56.8	63.9 0.9 65.4 63.9 0.9 65.4	57.8	64.1 1.2 64.1 1.1 64.1 1.1	2 65.6 1 65.6	61.9 63.3 0.3 61.9 63.3 0.3 61.8 63.3 0.3	64.8 56.8 64.8 56.4	63.8 0.9	65.3         62         65.3         2.6         67           65.4         62         65.5         2.6         67           65.3         61.9         65.5         2.5         67	0 60.2 64.8 1.8 66.3 0 60 64.7 1.8 66.2	57 57	63.9 1.0 65.4 63.9 1.0 65.4	53.8 63.4 53.8 63.4	0.5 64.9 56.2 0.5 64.9 56.1	63.8 0.8 6 63.8 0.8 6	5.3 50.7 63.2 5.3 50.6 63.2 5.3 50.6 63.2	0.3 64.7 0.2 64.7
0568 037.0G 37 0568 63 0568 038.0G 38 0568 63 0568 039.0G 39 0568 63	.0 64.5 .0 64.5 .0 64.5	60.5 64.9 2.0 6 60.4 64.9 1.9 6 60.4 64.9 1.9 6	5.4 61. 5.4 61. 5.4 61.	3 65.2 2 65.2 2 65.2	2.3 2.2 2.2	66.7 6 66.7 6 66.7 6	60.6 64.9 2.0 66 60.4 64.9 1.9 66 60.3 64.8 1.9 66	.4 58.3 .4 58.2 .3 58.1	54.2         1.3         65.           54.2         1.3         65.           54.2         1.3         65.           54.2         1.2         65.	.7 56.7 .7 56.6 .7 56.6	63.9 0.9 65.4 63.9 0.9 65.4 63.9 0.9 65.4	57.7 57.6 57.5	64.1 1.1 64.1 1.1 64.0 1.1	1 65.6 1 65.6 1 65.5	i1.7 63.3 0.3 i1.7 63.3 0.3 i1.6 63.3 0.3	64.8 56.4 64.8 56.6 64.8 56.9	63.8 0.9 63.9 0.9 63.9 1.0	65.3         61.8         65.4         2.5         66           65.4         61.8         65.4         2.5         66           65.4         61.9         65.5         2.5         67	9 59.9 64.7 1.7 66.2 9 60 64.7 1.8 66.2 0 60 64.7 1.8 66.2	56.9 56.1 56.1	63.9 1.0 65.4 63.8 0.8 65.3 63.8 0.8 65.3	53.7 63.4 53.7 63.4 53.6 63.4	0.5 64.9 56.1 0.5 64.9 56 0.5 64.9 56	63.8 0.8 6 63.7 0.8 6 63.7 0.8 6	5.3 50.5 63.2 5.2 50.5 63.2 5.2 46.3 63.0	0.2 64.7 0.2 64.7 0.1 64.5
0568 040.0G 40 0568 63 0568 041.0G 41 0568 63	.0 64.5	59.9 64.7 1.7 6 59.9 64.7 1.7 6	6.2 60.3 6.2 60.3	8 65.0 7 65.0	2.1 2.0	66.5 0	60.3 64.8 1.9 66 60.2 64.8 1.8 66	.3 58.1 .3 58	54.2 1.2 65. 54.2 1.2 65.	.7 56.5	63.8 0.9 65.3 63.8 0.9 65.3	57.4 57.4	64.0 1.1 64.0 1.1	1 65.5 1 65.5	51.5 63.3 0.3 51.5 63.3 0.3	64.8 56.9 64.8 56.9	63.9 1.0 63.9 1.0	65.4 61.8 65.4 2.5 66 65.4 61.8 65.4 2.5 66	9 59.9 64.7 1.7 66.2 9 59.8 64.7 1.7 66.2	56.1 56	63.8 0.8 65.3 63.7 0.8 65.2	53.6 63.4 53.5 63.4	0.5 64.9 55.9 0.5 64.9 55.9	63.7 0.8 6 63.7 0.8 6	5.2 46.3 63.0 5.2 46.2 63.0	0.1 64.5
0568 042.0G 42 0568 65 0568 043.0G 43 0568 65 0568 044.0G 44 0568 65	.0 64.5 .0 64.5	59.5         64.6         1.7         6           59.5         64.6         1.6         6           59.4         64.5         1.6         6	6.1 60.1 6.0 60.1	5 64.9 5 64.9	2.0 2.0 2.0	66.4 66.4	60         64.7         1.8         66           59.9         64.7         1.7         66	.2 57.9 .2 57.8	54.1 1.2 65J 54.1 1.2 65J	.6 56.3 .6 56.2	63.8         0.9         65.3           63.8         0.9         65.3           63.8         0.8         65.3	57.2 57.1	64.0 1.0 64.0 1.0	0 65.5 0 65.5	63.2 0.3 63.2 0.3 63.2 0.3	64.7 56.8 64.7 57.1	63.9 0.9 64.0 1.0	03.4         01.0         03.3         2.4         00           65.4         61.7         65.4         2.4         66           65.5         61.8         65.4         2.5         66	9 59.7 64.6 1.7 66.1 9 59.4 64.5 1.6 66.0	56 55.9	63.7 0.8 65.2 63.7 0.8 65.2 63.7 0.8 65.2	53.4 63.4 53.4 63.4	0.5 04.9 55.8 0.5 64.9 55.7	63.7 0.8 6 63.7 0.7 6	5.2 46.1 63.0 5.2 46.1 63.0 5.2 46 63.0	0.1 04.5 0.1 64.5 0.1 64.5
0568 045.0G 45 0568 65 0568 046.0G 46 0568 65 0568 047.0G 47 0568 65	.0 64.5 .0 64.5 .0 64.5	59.3 64.5 1.6 6 59.2 64.5 1.5 6 59.1 64.4 1.5 6	5.0 60.4 6.0 60.3 5.9 60.3	4 64.9 3 64.8 2 64.8	1.9 1.9 1.8	66.3 66.3	59.8 64.7 1.7 66 59.7 64.6 1.7 66 59.6 64.6 1.7 66	.2 57.7 .1 57.7 .1 57.6	54.1 1.1 650 54.1 1.1 650 54.1 1.1 650	.6 56.2 .6 56.1 .6 56	63.8 0.8 65.3 63.8 0.8 65.3 63.7 0.8 65.2	57.1 57 56.9	64.0 1.0 63.9 1.0 63.9 1.0	0 65.5 0 65.4 0 65.4	51.2 63.2 0.3 51.1 63.2 0.3 51 63.2 0.3	64.7 57 64.7 57 64.7 56.4	63.9 1.0 63.9 1.0 63.8 0.9	65.4         61.4         65.3         2.3         66           65.4         61.3         65.2         2.3         66           65.3         61.2         65.2         2.2         66	8 59.4 64.5 1.6 66.0 7 59.4 64.5 1.6 66.0 7 59.5 64.6 1.6 66.1	55.9 55.8 55.8	63.7 0.8 65.2 63.7 0.8 65.2 63.7 0.8 65.2	53.3 63.4 53.3 63.4 53.2 63.4	0.4 64.9 55.6 0.4 64.9 55.6 0.4 64.9 55.5	63.7 0.7 6 63.7 0.7 6 63.7 0.7 6	5.2 45.9 63.0 5.2 45.8 63.0 5.2 45.7 63.0	0.1 64.5 0.1 64.5 0.1 64.5
0568 048.0G 48 0568 63 0568 049.0G 49 0568 63	.0 64.5	59 64.4 1.5 6 59 64.4 1.5 6	5.9 60. 5.9 60.	1 64.8	1.8 1.8	66.3 5 66.3 5	59.5         64.6         1.6         66           59.4         64.5         1.6         66           60.4         64.5         1.6         66	.1 57.4 .0 57.4	54.0 1.1 65. 54.0 1.1 65.	.5 56 .5 55.9	63.7 0.8 65.2 63.7 0.8 65.2	56.8 56.8	63.9 0.9 63.9 0.9	9 65.4 9 65.4	51 63.2 0.3 60.9 63.2 0.3	64.7 56.3 64.7 56.4	63.8 0.9 63.8 0.9	65.3 61.1 65.1 2.2 66 65.3 61.1 65.1 2.2 66 67.3 61.1 65.1 2.2 66	6 59.4 64.5 1.6 66.0 6 59.4 64.5 1.6 66.0 6 59.4 64.5 1.6 66.0	55.8 55.7	63.7 0.8 65.2 63.7 0.7 65.2	53.2 63.4 53.1 63.4	0.4 64.9 55.5 0.4 64.9 55.4	63.7 0.7 6 63.7 0.7 6	5.2 45.7 63.0 5.2 45.6 63.0	0.1 64.5
0568 050.0G 51 0568 63 0568 051.0G 51 0568 63 056C 001.0G 1 056C 63	.0 64.5 .0 64.5	56.5         54.4         1.4         6           58.8         64.4         1.4         6           39.3         63.0         0.0         6	5.9 59.9 4.5 40.3	9 64.7 1 63.0	1.8	66.2 64.5	55.4         64.5         1.6         06           59         64.4         1.5         65           39.5         63.0         0.0         64	.9 57.2 .5 34.3	34.0         1.0         65.3           54.0         1.0         65.3           53.0         0.0         64.3	.5 55.7 .5 39.4	63.7 0.7 65.2 63.0 0.0 64.5	56.6 38.9	63.9 0.9 63.0 0.0	9 65.4 0 64.5	0.8 63.2 0.3 0.8 63.2 0.3 13.2 63.0 0.0	64.7 56.6 64.5 37.5	63.9 0.9 63.0 0.0	65.3         61         65.1         2.1         66           65.4         61         65.1         2.1         66           64.5         41.3         63.0         0.0         64	6         59.3         64.5         1.6         66.0           5         38.9         63.0         0.0         64.5	55.7 42.4	63.7 0.7 65.2 63.0 0.0 64.5	53.1 63.4 53.1 63.4 39.7 63.0	0.4 04.5 55.3 0.0 64.5 43.9	63.6 0.7 6 63.0 0.1 6	45.5 63.0 4.5 32 63.0	0.1 64.5
056C 002.0G 2 056C 63 056C 003.0G 3 056C 63 056C 005.0G 5 056C 63	.0 64.5 .0 64.5 .0 64.5	38.8 63.0 0.0 6 41.2 63.0 0.0 6 46 63.0 0.1 6	4.5 40. 4.5 41. 4.5 47	1 63.0 7 63.0 63.1	0.0 0.0 0.1	64.5 3 64.5 4 64.6 4	39.5 63.0 0.0 64 41.7 63.0 0.0 64 44.4 63.0 0.1 64	.5 44.2 .5 44.2 .5 45		5 46.5 5 46.9 5 47	63.0 0.1 64.5 63.1 0.1 64.6 63.1 0.1 64.6	46.6 47.1 47.2	63.0 0.1 63.1 0.1 63.1 0.1	1 64.5 1 64.6	1.6 63.0 0.0 1.6 63.0 0.0 1.4 63.0 0.0	64.5 35.6 64.5 35.9 64.5 36.6	63.0 0.0 63.0 0.0 63.0 0.0	64.5 39.5 63.0 0.0 64 64.5 39.8 63.0 0.0 64 64.5 40.4 63.0 0.0 64	5 37.1 63.0 0.0 64.5 5 37.5 63.0 0.0 64.5 5 38.1 63.0 0.0 64.5	42.2 42.3 39.7	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.5 63.0 39.6 63.0 33 63.0	0.0 64.5 43.5 0.0 64.5 43.2 0.0 64.5 40.3	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 30.7 63.0 4.5 31.2 63.0 4.5 32.1 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056C 006.0G 6 056C 63 056C 007.0G 7 056C 63	.0 64.5	46.6 63.0 0.1 6 47.2 63.1 0.1 6	4.5 47. 4.6 48.4	7 63.1 4 63.1	0.1	64.6 4	45.4 63.0 0.1 64 47 63.1 0.1 64	.5 45 .6 45	53.0 0.1 64. 53.0 0.1 64.	.5 47.1 .5 47.1	63.1 0.1 64.6 63.1 0.1 64.6	47.3 47.3	63.1 0.1 63.1 0.1	1 64.6 1 64.6	1.7 63.0 0.0 1.7 63.0 0.0	64.5 36.9 64.5 37.1	63.0 0.0 63.0 0.0	64.5 40.6 63.0 0.0 64 64.5 40.9 63.0 0.0 64	5 38.3 63.0 0.0 64.5 5 38.7 63.0 0.0 64.5	39.8 39.8	63.0 0.0 64.5 63.0 0.0 64.5	33.2 63.0 33.2 63.0	0.0 64.5 40.3 0.0 64.5 40.4	63.0 0.0 6 63.0 0.0 6	4.5 32.3 63.0 4.5 32.4 63.0	0.0 64.5
056C 009.0G 9 056C 63 056C 010.0G 10 056C 63	.0 64.5 .0 64.5	48 63.1 0.1 6 48.8 63.1 0.2 6 49.6 63.1 0.2 6	4.6 49.1 4.6 50.1	63.1 8 63.2 7 63.2	0.2 0.3	64.7 4 64.7 4	47.8 63.1 0.1 64 48.4 63.1 0.1 64 48.4 63.1 0.1 64	.6 40.5 .6 37.9 .6 37.9	33.0 0.0 642 33.0 0.0 642 33.0 0.0 642	.5 41.6 .5 39.6 .5 39.6	63.0 0.0 64.5 63.0 0.0 64.5	42.9 42.9	63.0 0.0 63.0 0.0	0 64.5 0 64.5 0 64.5	19.8 63.0 0.0 19.8 63.0 0.0	64.5 39.6 64.5 39.7	63.0 0.0 63.0 0.0 63.0 0.0	64.5 44.1 63.0 0.1 64 64.5 44.2 63.0 0.1 64	5         40.6         63.0         0.0         64.5           5         42         63.0         0.0         64.5           5         42.2         63.0         0.0         64.5	40.9	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	35.2 63.0 35.3 63.0	0.0 64.5 41.2 0.0 64.5 41.3 0.0 64.5 41.3	63.0 0.0 6 63.0 0.0 6	4.5 34.8 63.0 4.5 34.9 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056C 011.0G 11 056C 63 056C 012.0G 12 056C 63 056C 013.0G 13 056C 63	.0 64.5 .0 64.5	50.1         63.2         0.2         6           50.1         63.2         0.2         6           44.9         63.0         0.1         6	4.7 51. 4.7 51. 4.5 52	7 63.3 7 63.3 63.3	0.3 0.3 0.3	64.8 4 64.8 4	48.6 63.1 0.2 64 48.9 63.1 0.2 64 45 63.0 0.1 64	.6 38 .6 38.1 .5 38.2	53.0 0.0 64. 53.0 0.0 64. 53.0 0.0 64.	.5 39.6 .5 39.7	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	42.9 42.9 42.9	63.0 0.0 63.0 0.0	0 64.5 0 64.5	19.8 63.0 0.0 19.9 63.0 0.0 40 63.0 0.0	64.5 39.7 64.5 39.8 64.5 39.8	63.0 0.0 63.0 0.0 63.0 0.0	64.5         44.3         63.0         0.1         64           64.5         44.4         63.0         0.1         64           64.5         44.5         63.0         0.1         64	5         42.2         63.0         0.0         64.5           5         42.3         63.0         0.0         64.5           5         42.4         63.0         0.0         64.5	41 41.1 41.1	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	35.3 63.0 35.4 63.0 35.5 63.0	0.0 64.5 41.3 0.0 64.5 41.4 0.0 64.5 41.4	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 34.9 63.0 4.5 35 63.0 4.5 351 63.0	0.0 64.5
056C 014.0G 14 056C 63 056C 015.0G 15 056C 63	.0 64.5	46.4 63.0 0.1 6 48.4 63.1 0.1 6	4.5 48.9 4.6 50.3	5 63.1 3 63.2	0.2	64.6 4 64.7 4	46.2 63.0 0.1 64 46.8 63.1 0.1 64	.5 38.3 .6 38.4	53.0 0.0 64. 53.0 0.0 64.	.5 39.7 .5 39.8	63.0 0.0 64.5 63.0 0.0 64.5	43	63.0 0.0 63.0 0.0	0 64.5 0 64.5	40 63.0 0.0 40 63.0 0.0	64.5 40 64.5 40	63.0 0.0 63.0 0.0	64.5 44.5 63.0 0.1 64 64.5 44.6 63.0 0.1 64	5 42.5 63.0 0.0 64.5 5 42.5 63.0 0.0 64.5	41.2	63.0 0.0 64.5 63.0 0.0 64.5	35.6 63.0 35.7 63.0	0.0 64.5 41.5 0.0 64.5 41.5	63.0 0.0 6 63.0 0.0 6	4.5 35.2 63.0 4.5 35.3 63.0	0.0 64.5 0.0 64.5
056C 016.0G 16 056C 63 056C 017.0G 17 056C 63 056C 018.0G 18 056C 63	.0 64.5 .0 64.5 .0 64.5	48.7 63.1 0.2 6 48.7 63.1 0.2 6 48.7 63.1 0.2 6	4.6 50. 4.6 50. 4.6 50.	3 63.2 5 63.2 7 63.2	0.2 0.2 0.3	64.7 64.7 64.7	47 63.1 0.1 64 47.4 63.1 0.1 64 47.8 63.1 0.1 64	.6 38.5 .6 38.5 .6 38.7	33.0         0.0         64.1           53.0         0.0         64.1           53.0         0.0         64.1           53.0         0.0         64.1	.5 39.8 .5 40.2 .5 40.2	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	43 43.2 43.2	63.0 0.0 63.0 0.0 63.0 0.0	0 64.5 0 64.5 0 64.5	0.1 63.0 0.0 0.1 63.0 0.0 0.1 63.0 0.0	64.5 40.1 64.5 40.1 64.5 40.2	63.0 0.0 63.0 0.0 63.0 0.0	64.5         44.6         63.0         0.1         64           64.5         44.7         63.0         0.1         64           64.5         44.7         63.0         0.1         64           64.5         44.7         63.0         0.1         64	5         42.6         63.0         0.0         64.5           5         42.6         63.0         0.0         64.5           5         42.7         63.0         0.0         64.5	41.3 41.3 41.4	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	35.8 63.0 35.8 63.0 35.9 63.0	0.0 64.5 41.6 0.0 64.5 41.6 0.0 64.5 41.7	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 35.3 63.0 4.5 35.4 63.0 4.5 35.5 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056C 019.0G 19 056C 65 056C 020.0G 20 056C 65	.0 64.5 .0 64.5	48.7 63.1 0.2 6 48.7 63.1 0.2 6 48.7 63.1 0.2 6	4.6 51 4.6 51.9	63.2 5 63.3	0.3 0.3	64.7 4 64.8 4	48.6 63.1 0.2 64 49.3 63.1 0.2 64	.6 38.7 .6 39	53.0 0.0 64.1 53.0 0.0 64.1	.5 40.2 .5 40.3	63.0 0.0 64.5 63.0 0.0 64.5	43.3	63.0 0.0 63.0 0.0	0 64.5	40.1 63.0 0.0 40.2 63.0 0.0	64.5 40.3 64.5 40.5	63.0 0.0 63.0 0.0	64.5 44.8 63.0 0.1 64 64.5 44.9 63.0 0.1 64	5 42.7 63.0 0.0 64.5 5 42.8 63.0 0.0 64.5	41.4 41.6	63.0 0.0 64.5 63.0 0.0 64.5	36 63.0 36.2 63.0	0.0 64.5 41.7 0.0 64.5 41.8	63.0 0.0 6 63.0 0.0 6	4.5 35.6 63.0 4.5 35.8 63.0	0.0 64.5
056C 022.0G 22 056C 65 056C 023.0G 23 056C 65	.0 64.5 .0 64.5	48.7 63.1 0.2 6 48.7 63.1 0.2 6	4.6 51.0 4.6 51.0	6 63.3 7 63.3	0.3 0.3	64.8 4 64.8 4	49.4 63.1 0.2 64 49.4 63.1 0.2 64 49.4 63.1 0.2 64	.6 41.4 .6 41.4 .6 41.6	33.0         0.0         64.3           33.0         0.0         64.3           33.0         0.0         64.3	.5 40.3 .5 40.4	63.0 0.0 64.5 63.0 0.0 64.5	48.4	63.1 0.1 63.1 0.1 63.1 0.1	1 04.0 1 1 64.6 1 1 64.6	15.4 63.0 0.1 15.4 63.0 0.1	64.5 40.8 64.5 40.9	63.0 0.0 63.0 0.0	64.5 45.1 63.0 0.1 64 64.5 45.3 63.0 0.1 64	-5         43         65.0         0.0         64.3           5         43         63.0         0.0         64.5           5         43.1         63.0         0.0         64.5	39.2 39.4	63.0 0.0 64.5 63.0 0.0 64.5	36.3 63.0 36.5 63.0	0.0 64.5 39.1 0.0 64.5 39.3	63.0 0.0 6 63.0 0.0 6	4.5 35.8 63.0 4.5 36.1 63.0	0.0 64.5
056C 024.0G 24 056C 63 056C 025.0G 25 056C 63 056C 026.0G 26 056C 63	.0 64.5 .0 64.5 .0 64.5	48.8 63.1 0.2 6 48.8 63.1 0.2 6 48.9 63.1 0.2 6	4.6 51. 4.6 51. 4.6 51.	7 63.3 7 63.3 7 63.3	0.3 0.3 0.3	64.8 64.8 64.8	49.6 63.1 0.2 64 50.1 63.2 0.2 64 50.1 63.2 0.2 64	.6 41.6 .7 41.6 .7 41.7		.5 40.4 .5 40.4 .5 40.5	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	48.4 48.4 48.4	63.1 0.1 63.1 0.1 63.1 0.1	1 64.6 1 64.6 1 64.6	15.4 63.0 0.1 15.4 63.0 0.1 15.3 63.0 0.1	64.5 40.9 64.5 41 64.5 41	63.0 0.0 63.0 0.0 63.0 0.0	64.5         45.3         63.0         0.1         64           64.5         45.3         63.0         0.1         64           64.5         45.3         63.0         0.1         64           64.5         45.3         63.0         0.1         64	5         43.2         63.0         0.0         64.5           5         43.2         63.0         0.0         64.5           5         43.2         63.0         0.0         64.5	39.5 39.5 39.6	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	36.5 63.0 36.6 63.0 36.7 63.0	0.0 64.5 39.3 0.0 64.5 39.4 0.0 64.5 39.5	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 36.1 63.0 4.5 36.2 63.0 4.5 36.2 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056C 027.0G 27 056C 63 056C 028.0G 28 056C 63	.0 64.5	48.9 63.1 0.2 6 49 63.1 0.2 6	4.6 51. 4.6 51.	7 63.3 7 63.3	0.3	64.8 64.8	50.1 63.2 0.2 64 50.1 63.2 0.2 64	.7 41.7 .7 41.7	53.0 0.0 64. 53.0 0.0 64.	.5 40.5 .5 40.5	63.0 0.0 64.5 63.0 0.0 64.5	48.3 48.3	63.1 0.1 63.1 0.1	1 64.6 1 64.6	45.3 63.0 0.1 15.3 63.0 0.1	64.5 41 64.5 41	63.0 0.0 63.0 0.0	64.5 45.3 63.0 0.1 64 64.5 45.3 63.0 0.1 64	5 43.2 63.0 0.0 64.5 5 43.2 63.0 0.0 64.5	39.6 39.6	63.0 0.0 64.5 63.0 0.0 64.5	36.7 63.0 36.7 63.0	0.0 64.5 39.5 0.0 64.5 39.5	63.0 0.0 6	4.5 36.3 63.0 4.5 36.3 63.0	0.0 64.5
056C 030.0G 30 056C 63 056C 031.0G 31 056C 63	.0 64.5 .0 64.5	49.2         63.1         0.2         6           49.3         63.1         0.2         6           49.3         63.1         0.2         6	4.6 51.1 4.6 51.1	7 63.3 8 63.3 8 63.3	0.3	64.8 5 64.8 5	50.1         65.2         0.2         64           50.2         63.2         0.2         64           50.2         63.2         0.2         64	.7 41.6 .7 41.1 .7 41.1	33.0         0.0         64.3           33.0         0.0         64.3           33.0         0.0         64.3	.5 39.7 .5 39.7	63.0 0.0 64.5 63.0 0.0 64.5	48.2	63.1 0.1 63.1 0.1 63.1 0.1	1 04.0 1 1 64.6 1 1 64.6	15.2 63.0 0.1 15.2 63.0 0.1	64.5 40.9 64.5 40.9	63.0 0.0 63.0 0.0	64.5         45.3         63.0         0.1         64           64.5         45.2         63.0         0.1         64           64.5         45.2         63.0         0.1         64	5         43.2         65.0         0.0         64.3           5         43.1         63.0         0.0         64.5           5         43.1         63.0         0.0         64.5	39.6 39.6	63.0 0.0 64.5 63.0 0.0 64.5	36.7 63.0 36.6 63.0	0.0 64.5 39.5 0.0 64.5 39.4	63.0 0.0 6 63.0 0.0 6	4.5 36.2 63.0 4.5 36.2 63.0	0.0 64.5
056C 032.0G 32 056C 63 056C 033.0G 33 056C 63 056C 034.0G 34 056C 63	.0 64.5 .0 64.5 .0 64.5	49.4         63.1         0.2         6           49.3         63.1         0.2         6           49.3         63.1         0.2         6	4.6 51. 4.6 51. 4.6 51	7 63.3 7 63.3 7 63.3	0.3 0.3 0.3	64.8 64.8 64.8	50.1         63.2         0.2         64           50.1         63.2         0.2         64           50.1         63.2         0.2         64	.7 41 .7 41 .7 38.2	53.0 0.0 64. 53.0 0.0 64. 53.0 0.0 64.	.5 39.7 .5 37.4 .5 37	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	48.1 48.1 39.1	63.1 0.1 63.1 0.1 63.0 0.0	1 64.6 1 64.6 0 64.5	IS.1         63.0         0.1           IS.1         63.0         0.1           IS.4         63.0         0.0	64.5 40.9 64.5 40.8 64.5 40.5	63.0 0.0 63.0 0.0 63.0 0.0	64.5         45.2         63.0         0.1         64           64.5         45.2         63.0         0.1         64           64.5         45.2         63.0         0.1         64           64.5         45.2         63.0         0.1         64	5         43.1         63.0         0.0         64.5           5         43         63.0         0.0         64.5           5         42.9         63.0         0.0         64.5	39.6 39.6 39.5	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	36.6 63.0 36.6 63.0 36.6 63.0	0.0 64.5 39.4 0.0 64.5 39.4 0.0 64.5 39.4	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 36.2 63.0 4.5 36.2 63.0 4.5 36.1 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056C 035.0G 35 056C 63 056C 036.0G 36 056C 63	.0 64.5 .0 64.5	49.3 63.1 0.2 6 43.4 63.0 0.0 6	4.6 51. 4.5 45.	7 63.3 5 63.0	0.3	64.8 5	50.1 63.2 0.2 64 43.9 63.0 0.1 64	.7 38.2 .5 38.2	53.0 0.0 64. 53.0 0.0 64.	.5 37	63.0 0.0 64.5 63.0 0.0 64.5	39.1 39.1	63.0 0.0 63.0 0.0	0 64.5 0 64.5	15.4 63.0 0.0 15.3 63.0 0.0	64.5 40.4 64.5 40.4	63.0 0.0 63.0 0.0	64.5 45 63.0 0.1 64 64.5 44.9 63.0 0.1 64	5 42.9 63.0 0.0 64.5 5 42.8 63.0 0.0 64.5	39.5 39.5	63.0 0.0 64.5 63.0 0.0 64.5	36.5 63.0 36.5 63.0	0.0 64.5 39.3 0.0 64.5 39.3	63.0 0.0 6 63.0 0.0 6	4.5 36.1 63.0 4.5 36.1 63.0	0.0 64.5
056C 038.0G 38 056C 63 056C 039.0G 39 056C 63	.0 64.5 .0 64.5	43.3         63.0         0.0         6           43.3         63.0         0.0         6           43.3         63.0         0.0         6	4.5 45.4 4.5 45.4 4.5 45.4	4 63.0 4 63.0	0.1 0.1	64.5 4 64.5 4	43.9         63.0         0.1         64           43.8         63.0         0.1         64	.5 38.2 .5 38.2 .5 38.2	33.0         0.0         64.1           33.0         0.0         64.1           33.0         0.0         64.1	36.9 5 36.9 5 36.9	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.1 39.1 39.1	63.0 0.0 63.0 0.0 63.0 0.0	0 64.5 0 64.5	03.0         0.0           15.3         63.0         0.0           15.3         63.0         0.0	64.5 40.4 64.5 40.3	63.0 0.0 63.0 0.0	64.5         44.9         63.0         0.1         64           64.5         44.8         63.0         0.1         64	42.0         03.0         0.0         64.5           5         42.8         63.0         0.0         64.5           5         42.7         63.0         0.0         64.5	39.5 39.5 39.5	63.0         0.0         64.5           63.0         0.0         64.5           63.0         0.0         64.5	36.5 63.0 36.5 63.0	0.0         64.5         39.3           0.0         64.5         39.3           0.0         64.5         39.3	63.0 0.0 66 63.0 0.0 66	4.5 36.1 63.0 4.5 36.1 63.0 4.5 36.1 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056C 040.0G 40 056C 63 056C 041.0G 41 056C 63 056C 042.0G 42 056C 63	.0 64.5	43.2         63.0         0.0         6           43.2         63.0         0.0         6           43.1         63.0         0.0         6	4.5 45. 4.5 45.	3 63.0 3 63.0 2 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.8 63.0 0.1 64 43.7 63.0 0.1 64 43.7 63.0 0.1 64	.5 38.1 .5 38.1	53.0 0.0 644 53.0 0.0 644	5 36.9 5 36.9	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.1 39 29.1	63.0 0.0 63.0 0.0	0 64.5 0 64.5	15.3 63.0 0.0 15.3 63.0 0.0	64.5 40.3 64.5 40.3 64.5 40.3	63.0 0.0 63.0 0.0 63.0 0.0	64.5         44.8         63.0         0.1         64           64.5         44.8         63.0         0.1         64           64.5         44.8         63.0         0.1         64	5         42.7         63.0         0.0         64.5           5         42.6         63.0         0.0         64.5           5         42.7         63.0         0.0         64.5	39.5 39.4	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	36.5 63.0 36.4 63.0 26.5 63.0	0.0 64.5 39.3 0.0 64.5 39.2 0.0 64.5 39.2	63.0 0.0 6 63.0 0.0 6 62.0 0.0 6	4.5 36.1 63.0 4.5 36 63.0	0.0 64.5
056C 043.0G 43 056C 63 056C 044.0G 44 056C 63	.0 64.5	43.1 63.0 0.0 6 43 63.0 0.0 6	4.5 45. 4.5 45.	2 63.0 2 63.0	0.1	64.5 4	43.7 63.0 0.1 64 43.6 63.0 0.1 64	.5 38.3	53.0 0.0 641 53.0 0.0 641	.5 36.9 .5 36.9	63.0 0.0 64.5 63.0 0.0 64.5	39.1 39.1	63.0 0.0 63.0 0.0	0 64.5 0 64.5	15.4 63.0 0.0 15.4 63.0 0.0	64.5 40.3 64.5 40.3	63.0 0.0 63.0 0.0	64.5 44.8 63.0 0.1 64 64.5 44.7 63.0 0.1 64	5         42.6         63.0         0.0         64.5           5         42.6         63.0         0.0         64.5           5         42.6         63.0         0.0         64.5	39.5 39.5	63.0 0.0 64.5 63.0 0.0 64.5	36.5 63.0 36.5 63.0	0.0 64.5 39.3 0.0 64.5 39.3 0.0 64.5 39.3	63.0 0.0 6 63.0 0.0 6	4.5 36.1 63.0 4.5 36.1 63.0	0.0 64.5
056C 045.0G 45 056C 63 056C 046.0G 46 056C 63 056C 047.0G 47 056C 63	.0 64.5 .0 64.5 .0 64.5	43 63.0 0.0 6 42.9 63.0 0.0 6 42.9 63.0 0.0 6	4.5 45. 4.5 45. 4.5 45	2 63.0 1 63.0 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.6 63.0 0.1 64 43.5 63.0 0.0 64 43.4 63.0 0.0 64	.5 38.3 .5 38.3 .5 38.3	53.0 0.0 64.1 53.0 0.0 64.1 53.0 0.0 64.1	.5 36.9 .5 36.9	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	39.1 39.1 39.1	63.0 0.0 63.0 0.0 63.0 0.0	0 64.5 0 64.5 0 64.5	15.4 63.0 0.0 15.4 63.0 0.0 15.4 63.0 0.0	64.5 40.3 64.5 40.2 64.5 40.2	63.0 0.0 63.0 0.0 63.0 0.0	64.5 44.7 63.0 0.1 64 64.5 44.7 63.0 0.1 64 64.5 44.7 63.0 0.1 64	5         42.6         63.0         0.0         64.5           5         42.5         63.0         0.0         64.5           5         42.5         63.0         0.0         64.5	39.5 39.5 39.5	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	36.5 63.0 36.5 63.0 36.5 63.0	0.0 64.5 39.3 0.0 64.5 39.3 0.0 64.5 39.3	63.0 0.0 6 63.0 0.0 6 63.0 0.0 6	4.5 36.1 63.0 4.5 36.1 63.0 4.5 36.1 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056C 048.0G 48 056C 63 056C 049.0G 49 056C 63 056C 050.0G 50 056C 63	.0 64.5	42.8         63.0         0.0         6           42.8         63.0         0.0         6           42.7         63.0         0.0         6	4.5 45 4.5 44.9	63.0 9 63.0 9 63.0	0.1 0.1 0.1	64.5 4 64.5 4	43.4 63.0 0.0 64 43.3 63.0 0.0 64 43.3 63.0 0.0	.5 38.4 .5 38.4	33.0 0.0 64. 33.0 0.0 64. 33.0 0.0 64.	5 36.9	63.0 0.0 64.5 63.0 0.0 64.5	39.2 39.2	63.0 0.0 63.0 0.0	0 64.5 0 64.5	IS.5 63.0 0.0 IS.5 63.0 0.0	64.5 40.2 64.5 40.2 64.5 40.2	63.0 0.0 63.0 0.0 63.0 0.0	64.5 44.7 63.0 0.1 64 64.5 44.7 63.0 0.1 64 64.5 44.7 63.0 0.1 64	5         42.4         63.0         0.0         64.5           5         42.4         63.0         0.0         64.5           5         42.4         63.0         0.0         64.5	39.5 39.6	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0	36.5 63.0 36.5 63.0 36.6 63.0	0.0 64.5 39.3 0.0 64.5 39.4 0.0 64.5 39.4	63.0 0.0 6 63.0 0.0 6 63.0 0.0	4.5 36.1 63.0 4.5 36.2 63.0 4.5 26.2 63.0	0.0 64.5
056C 051.0G 51 056C 63 056C 001.0G 1 056D 63	.0 64.5	42.7 63.0 0.0 6 48.1 63.1 0.1 6	4.5 44.1 4.6 51.	8 63.0 7 63.3	0.1 0.3	64.5 4 64.8	43.2 63.0 0.0 64 49 63.1 0.2 64	.5 38.5	53.0 0.0 64 53.0 0.1 64	.5 37 .5 47	63.0 0.0 64.5 63.1 0.1 64.6	39.3 54.9	63.0 0.0 63.6 0.6	0 64.5 6 65.1	15.6 63.0 0.0 16.3 63.0 0.1	64.5 40.3 64.5 45.2	63.0 0.0 63.0 0.1	64.5 44.7 63.0 0.1 64 64.5 50.5 63.2 0.2 64	5         42.3         63.0         0.0         64.5           7         48.6         63.1         0.2         64.6	39.7 54.4	63.0 0.0 64.5 63.5 0.6 65.0	36.7 63.0 50.9 63.2	0.0 64.5 39.4 0.3 64.7 53.7	63.0 0.0 6 63.4 0.5 6	4.5 36.3 63.0 4.9 38.9 63.0	0.0 64.5
056D 003.OG 2 056D 65 056D 003.OG 3 056D 65 056D 005.OG 5 056D 65	.u 64.5 .0 64.5 .0 64.5	49         63.1         0.2         6           49.8         63.2         0.2         6           47.5         63.1         0.1         6	4.6 48.4	63.3 63.4 4 63.1	0.4 0.4 0.1	64.8 4 64.9 5 64.6 4	49.9         63.2         0.2         64           51.7         63.3         0.3         64           49.5         63.1         0.2         64	./ 45.5 .8 56.9 .6 56.3	as.u 0.1 64. 53.9 1.0 65. 53.8 0.9 65.	-5 47.2 .4 54.1 .3 53.2	b3.1         0.1         64.6           63.5         0.5         65.0           63.4         0.4         64.9	53.9 58.3 52.8	63.5 0.5 64.2 1.3 63.4 0.4	5 65.0 3 65.7 4 64.9	Ho.3 63.0 0.1 53 63.4 0.4 16.6 63.0 0.1	64.5 46.2 64.9 47.2 64.5 44.6	63.0 0.1 63.1 0.1 63.0 0.1	b4.5         51.5         63.3         0.3         64           64.6         52.9         63.4         0.4         64           64.5         52.3         63.3         0.4         64	x         49.8         63.2         0.2         64.7           9         51.2         63.2         0.3         64.7           8         50.1         63.2         0.2         64.7	54.2 54.6 53.7	b3.5 0.5 65.0 63.5 0.6 65.0 63.4 0.5 64.9	s0.5 63.2 50.7 63.2 49.6 63.1	0.2 64.7 53.2 0.3 64.7 53.4 0.2 64.6 52.4	b3.4         0.4         6           63.4         0.5         6           63.3         0.4         6	4.9         39.8         63.0           4.9         41.9         63.0           4.8         43.8         63.0	0.0 64.5 0.0 64.5 0.1 64.5
056D 006.OG 6 056D 66 056D 007.OG 7 056D 66 056D 007.OG 7 056D 66	0 64.5	51.7 63.3 0.3 6 58.1 64.2 1.2 6 59.8 64.7 5.7	4.8 52.	2 63.3 8 64.1	0.4	64.8 ! 65.6	52.7 63.3 0.4 64 58 64.2 1.2 65 60 64.7 1.0	.8 59.3 .7 60.2	54.5 1.6 66. 54.8 1.8 66.	0 57.8 3 58.9	64.1 1.2 65.6 64.4 1.4 65.9 64.4 1.5	58.9 60.1	64.4 1.4 64.8 1.8	4 65.9 8 66.3	2.8 63.4 0.4 4.3 63.5 0.6	64.9 47.6 65.0 50.8 65.0 50.8	63.1 0.1 63.2 0.3	64.6 54 63.5 0.5 65 64.7 55.5 63.7 0.7 65 64.9 56.9 63.9 0.0	0 51.8 63.3 0.3 64.8 2 53.6 63.4 0.5 64.9 4 55.2 62.6 0.7	54.1 54.3	63.5 0.5 65.0 63.5 0.6 65.0 63.4 0.4	50.1 63.2 50.1 63.2	0.2 64.7 53 0.2 64.7 53.3 0.2 64.7 53.3	63.4 0.4 6 63.4 0.4 6 62.2 0.2	4.9 45.9 63.0 4.9 47.2 63.1	0.1 64.5 0.1 64.6
056D 009.0G 8056D 65 056D 009.0G 9 056D 65 056D 010.0G 10 056D 65	.0 64.5 .0 64.5 .0 64.5	52.0         64.7         1.7         60           62         65.5         2.6         66           62         65.5         2.6         66	7.0 60.4 7.0 60.4 7.0 60.4	4 65.1 4 64.9 7 65.0	2.2 1.9 2.0	66.4 66.5	62 65.5 2.6 67 61.5 65.3 2.3 66	.2 60.2 .0 60.2 .8 60.2	1.8         66.           54.8         1.8         66.           54.8         1.8         66.	3 59 3 59 3 59	04.4         1.5         65.9           64.4         1.5         65.9           64.4         1.5         65.9	60.2 60.2	04.8 1.8 64.8 1.8 64.8 1.8	o 66.3 8 66.3 8 66.3	H-3         b3.5         0.6           44.3         63.5         0.6           44.3         63.5         0.6	65.0 53.3 65.0 53.9 65.0 54.7	03.4 U.4 63.5 0.5 63.6 0.6	04.7         56.8         63.9         0.9         65           65.0         57.1         64.0         1.0         65           65.1         57.6         64.1         1.1         65	.4         .55.3         b3.b         0.7         65.1           5         55.5         63.7         0.7         65.2           6         56         63.7         0.8         65.2	52.8 53	03.4 U.4 64.9 63.4 0.4 64.9 63.4 0.4 64.9	48.5 63.1 48.6 63.1 63.1	0.2 64.6 51.4 0.2 64.6 51.5 0.2 64.6 51.6	03.2         0.3         6           63.3         0.3         6           63.3         0.3         6	4.7 40.2 63.0 4.8 40.4 63.0 4.8 40.6 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056D 011.OG 11 056D 65 056D 012.OG 12 056D 65 056D 013.OG 13 056D 65	.0 64.5 .0 64.5	61.4 65.3 2.3 0 61.6 65.3 2.4 0 62.1 65.6 2.6	6.8 61. 6.8 61. 7.1 63	1 65.1 7 65.4 66.0	2.2 2.4 3.0	66.6 6 66.9 6 67.5	61.5 65.3 2.3 66 61.6 65.3 2.4 66 62.2 65.6 2.7	.8 60.2 .8 60.1 .1 60.1	54.8 1.8 666 54.8 1.8 666 54.8 1.8 66	3 59 3 59 3 6^	64.4 1.5 65.9 64.4 1.5 65.9 64.4 1.5 65.9	60.2 60.2 60.2	64.8 1.8 64.8 1.8 64.8 1.9	8 66.3 8 66.3 8 66.3	4.3 63.5 0.6 4.3 63.5 0.6 4.3 63.5 0.6	65.0 55.5 65.0 55.7 65.0 cc c	63.7 0.7 63.7 0.7 63.7 0.7	65.2         58.1         64.2         1.2         65           65.2         58.4         64.3         1.3         65           65.2         58.4         64.3         1.3         65           65.2         58         64.2         1.2         65	7         56.5         63.8         0.9         65.3           8         56.8         63.9         0.9         65.4           7         56.4         63.8         0.9         65.4	53 53.1 53.5	63.4 0.4 64.9 63.4 0.4 64.9 63.4 0.5 64.9	48.7 63.1 48.7 63.1 49.2 63.1	0.2 64.6 51.6 0.2 64.6 51.7 0.2 64.6 51.7	63.3 0.3 6 63.3 0.3 6 63.3 0.3 6	4.8 40.7 63.0 4.8 41 63.0 4.8 43 63.0	0.0 64.5 0.0 64.5 0.0 64.5
056D 014.OG 14 056D 63 056D 015.OG 15 056D 63	.0 64.5	62.4 65.7 2.7 6 62.6 65.8 2.8 6	7.2 63. 7.3 63.	1 66.0 3 66.1	3.1 YES 3.2 YES	67.5	62.3 65.6 2.7 67 62.4 65.7 2.7 67	.1 60.1	54.8 1.8 66. 54.5 1.5 66.	3 58.9	64.4 1.4 65.9 64.1 1.2 65.6	60 58.8	64.7 1.8 64.4 1.4	8 66.2 4 65.9	63.9 63.5 0.5 62.7 63.3 0.4	65.0 56.8 64.8 57	63.9 0.9 63.9 1.0	65.4         59.3         64.5         1.6         66           65.4         59.6         64.6         1.7         66	0 57.7 64.1 1.1 65.6 1 57.9 64.1 1.2 65.6	53.6 53.7	63.4 0.5 64.9 63.4 0.5 64.9	49.3 63.1 49.5 63.1	0.2 64.6 52.2 0.2 64.6 52.4	63.3 0.4 6 63.3 0.4 6	4.8 43.4 63.0 4.8 43.8 63.0	0.0 64.5 0.1 64.5
USBU 016.OG 16 056D 65 056D 017.OG 17 056D 65 056D 018.OG 18 056D 65	.0 64.5 .0 64.5 .0 64.5	b2.5         65.7         2.8         6           62.1         65.6         2.6         6           62         65.5         2.6         6	7.1 62. 7.0 62	65.9 65.6 4 65.7	3.0 2.7 2.7	67.4 6 67.1 6 67.2 4	b2.3         65.6         2.7         67           62         65.5         2.6         67           62.1         65.6         2.6         67	.1 59.2 .0 59.2 .1 59.1	1.5         66J           54.5         1.5         66J           54.4         1.5         66J	U 57.9 0 57.4 .9 57.4	64.1 1.2 65.6 64.0 1.1 65.5 64.0 1.1 65.5	58.8 58.5 58.5	64.4 1.4 64.3 1.3 64.3 1.3	4 65.9 3 65.8 3 65.8	62.7 63.3 0.4 62.7 63.3 0.4 62.7 63.3 0.4	64.8 56.7 64.8 57 64.8 57.2	63.9 0.9 63.9 1.0 64.0 1.0	b5.4         59.9         64.7         1.7         66           65.4         60.4         64.9         1.9         66           65.5         60.9         65.1         2.1         64	2         58.5         64.3         1.3         65.8           4         58.9         64.4         1.4         65.9           .6         59.3         64.5         1.6         44.0	54 54.5 55.2	b3.5 0.5 65.0 63.5 0.6 65.0 63.6 0.7 65.1	49.8 63.2 50.6 63.2 51.4 63.7	0.2 64.7 52.7 0.2 64.7 53.3 0.3 64.7 54	63.3 0.4 6 63.4 0.4 6 63.5 0.5 6	4.8 44.5 63.0 4.9 45.8 63.0 5.0 47.5 63.1	0.1 64.5 0.1 64.5 0.1 64.6
056D 019.OG 19 056D 63 056D 020.OG 20 056D 63 056D 021.OG 21 056D 63	.0 64.5 .0 64.5	62 65.5 2.6 6 62 65.5 2.6 6 61.9 65.5 2.6	7.0 62.	4 65.7 4 65.7 2 65.6	2.7 2.7 2.7 2.7	67.2 ( 67.2 67.1	62.1 65.6 2.6 67 62 65.5 2.6 67 62 65.5 2.6 67	.1 59.1 .0 59.1	54.4 1.5 65. 54.4 1.5 65. 54.4 1.5 65.	.9 57.4 .9 57.4	64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.1	58.4 58.4 58.4	64.3 1.3 64.3 1.3 64.3 1.3	3 65.8 3 65.8	62.6 63.3 0.4 62.6 63.3 0.4 62.6 63.3 0.4	64.8 57.6 64.8 57.3 64.8 57.7	64.1 1.1 64.0 1.0 64.0 1.1	65.6 61.4 65.3 2.3 66 65.5 60.9 65.1 2.1 66 65.5 61.3 65.2 2.3	8 59.8 64.7 1.7 66.2 6 59.3 64.5 1.6 66.0 7 59.7 64.6 1.7	57 55.7 56.6	63.9 1.0 65.4 63.7 0.7 65.2 63.9 0.9 65.4	54 63.5 53.7 63.4 54.7 63.4	0.5 65.0 56.1 0.5 64.9 55.6 0.6 65.1 57	63.8 0.8 6 63.7 0.7 6 63.9 1.0	5.3 49.8 63.2 5.2 47.5 63.1 5.4 47.5 63.1	0.2 64.7 0.1 64.6
056D 022.0G 22 056D 65 056D 023.0G 23 056D 65	.0 64.5 .0 64.5	62         65.5         2.6         66           62         65.5         2.6         6	7.0 62. 7.0 62.	- 05.6 1 65.6 1 65.6	2.6	67.1 ( 67.1 (	61.9         65.5         2.5         67           61.9         65.5         2.5         67           61.9         65.5         2.5         67	.0 59 .0 58.9	34.4         1.5         65.3           34.4         1.4         65.3		64.0 1.1 65.5 64.0 1.1 65.5 64.0 1.1 65.5	58.5 58.4	64.3 1.3 64.3 1.3	- b5.8 3 65.8 3 65.8	62.5 63.3 0.4 62.4 63.3 0.4	64.8 57.5 64.8 57.8	64.0 1.1 64.1 1.2	65.5         61.4         65.3         2.3         66           65.6         61.5         65.3         2.3         66	33.7         34.0         1.7         66.1           8         59.6         64.6         1.7         66.1           8         59.7         64.6         1.7         66.1	56.6 56.6	63.9         0.9         65.4           63.9         0.9         65.4	54.8 63.6 54.8 63.6	0.6 65.1 57 0.6 65.1 57 0.6 55.1 57	63.9 1.0 6 63.9 1.0 6	47.3         63.1           5.4         47.5         63.1           5.4         47.5         63.1	0.1 64.6 0.1 64.6
056D 024.OG 24 056D 65 056D 025.OG 25 056D 65 056D 026.OG 26 056D 65	.0 64.5 .0 64.5 .0 64.5	61.9 65.5 2.5 6 61.9 65.5 2.5 6 61.8 65.4 2.5 A	7.0 62 7.0 62 6.9 62	65.5 65.5 65.5	2.6 2.6 2.6	67.0 6 67.0 6 67.0 6	61.8 65.4 2.5 66 61.8 65.4 2.5 66 61.7 65.4 2.4 66	.9 58.9 .9 58.9 .9 58.8	54.4         1.4         65.3           54.4         1.4         65.3           54.4         1.4         65.3           54.4         1.4         65.3	.9 57.4 .9 57.3 .9 57.3	64.0 1.1 65.5 64.0 1.0 65.5 64.0 1.0 65.5	58.4 58.4 58.3	64.3 1.3 64.3 1.3 64.2 1.3	3 65.8 3 65.8 3 65.7	i2.4         63.3         0.4           i2.4         63.3         0.4           i2.3         63.3         0.4	64.8 58 64.8 57.8 64.8 57.8	64.2 1.2 64.1 1.2 64.1 1.2	65.7         61.7         65.4         2.4         66           65.6         61.6         65.3         2.4         66           65.6         61.7         65.4         2.4         66	9 59.8 64.7 1.7 66.2 8 59.7 64.6 1.7 66.1 9 59.9 64.7 1.7 66.1	56.6 56.8 56.8	63.9 0.9 65.4 63.9 0.9 65.4 63.9 0.9 65.4	54.8 63.6 54.8 63.6 54.8 63.6	0.6 65.1 57 0.6 65.1 57 0.6 65.1 57	63.9 1.0 6 63.9 1.0 6 63.9 1.0 6	5.4 47.4 63.1 5.4 47.4 63.1 5.4 47.4 63.1	0.1 64.6 0.1 64.6 0.1 64.6
056D 027.0G 27 056D 65 056D 028.0G 28 056D 65 056D 029.0G 29 056D 65	.0 64.5 .0 64.5	61.8 65.4 2.5 6 61.7 65.4 2.4 6 61 65.1 2.1	6.9 62 6.9 62 6.6 61	65.5 65.5 9 65.5	2.6 2.6 2.5	67.0 0 67.0 0	61.7 65.4 2.4 66 61.7 65.4 2.4 66 61.5 65.3 2.3 ee	.9 58.8 .9 58.7 .8 58.7	54.4         1.4         65.3           54.3         1.4         65.3           54.3         1.4         65.3	.9 57.3 .8 57.2 .8 67.7	64.0 1.0 65.5 64.0 1.0 65.5 64.0 1.0 65.5	58.3 58.2 58.2	64.2 1.3 64.2 1.3 64.2 1.3	3 65.7 3 65.7 3 65.7	2.3 63.3 0.4 2.3 63.3 0.4 2.2 63.3 0.4	64.8 57.7 64.8 57.7 64.8 57.7	64.1 1.1 64.1 1.1 64.0 1.0	65.6 61.8 65.4 2.5 66 65.6 61.7 65.4 2.4 66 65.5 61.8 65.4 2.4 66	9 60 64.7 1.8 66.2 9 59.9 64.7 1.7 66.2 9 59.9 64.7 1.7 66.2	56.8 56.8 56.7	63.9 0.9 65.4 63.9 0.9 65.4 63.9 0.9 65.4	55 63.6 55.1 63.6 55.1 63.6	0.6 65.1 57 0.7 65.1 57.1 0.7 65.1 57.1	63.9 1.0 6 64.0 1.0 6 64.0 1.0 6	5.4 47.3 63.1 5.5 47.3 63.1 5.5 47.2 63.1	0.1 64.6 0.1 64.6 0.1 64.6

		5 months (demo) 2 mont P1T1	ns of Overlap (only 2 mont P1T1b	ths of hoe ram modeled)	8 months (foundation) P1T2	6 months (superstruture) P1T3		1 Months (exterior) P1T4	3 monti	is of overlap (ext/int) P1T4b	7 months (int) P1TS	4 months (demo) P2T1	1 month of Overlap (demo/excavation) P2T1b	5 months (foundation) P2T2	16 months (superstructur P2T3	e) 2 Months (exteriors) P2T4	4 months of overlap (ext/int) P2T4b	7 months (interiors) P2TS
CadnaA         Elevation         Façade         Existing           Receptor Sites         (floor)         Number         Leq(1)           056D 030.0G         30         056D         63.0           056D 030.0G         30         056D         63.0	Existing L10 Const 1 64.5 61 61	Leq         L10           otal         Change         Exceed?         Total         Cons           55.1         2.1         66.6         61.7         Cons           75.2         2.1         66.6         61.7         Cons	Leq Total Change 65.4 2.4	Exceed? Total Cons 66.9 61.4	Leq L10 t Total Change Exceed? Total 65.3 2.3 66.8 66.7 66.7	Leq I Const Total Change Exceed 58.6 64.3 1.4 F0.6 64.3 1.4	L10 rd? Total 65.8	Leq         Lit           Const         Total         Change         Exceed?         Total           57.1         64.0         1.0         65         65	Image: Const         Leq           tal         Const         Total           .5         58         64.2	L10           Change         Exceed?         Total           1.2         65.7	Leq           Const         Total         Change         Exceed?           52.2         63.3         0.4         52.1         62.3         0.4	L10         Leq           Total         Const         Total         Change         Exceed?           64.8         57.2         64.0         1.0         64.0         1.0	L10         Leq         L10           Total         Const         Total         Change         Exceed?         Total           65.5         61.5         65.3         2.3         66.8         66.8	Leq L10 Const Total Change Exceed? Total 59.4 64.5 1.6 66.0 Const	Leq Const Total Change Exce 56.7 63.9 0.9 56.7 63.0 0.0	L10         Leq         L10           ed?         Total         Const         Total         Change         Exceed?         Tot           65.4         55.1         63.6         0.7         65.         65.4         55.1         63.6         0.7         65.	Leq         L           al         Const         Total         Change         Exceed?         Tr           1         57.1         64.0         1.0         6         6	L10         Leq         L10           iotal         Const         Total         Change         Exceed?         Total           55.5         47.2         63.1         0.1         64.6         64.6
056D 031.0G 31 056D 63.0 056D 032.0G 32 056D 63.0 056D 033.0G 33 056D 63.0	64.5 60.9 6 64.5 60.9 6 64.5 60.8 6	b5.1         2.1         b6.6         61.6           55.1         2.1         66.6         61.4           55.0         2.1         66.5         61.4	65.3 2.4 65.3 2.3 65.3 2.3	66.8 61 66.8 61 66.8 61	65.2 2.2 66.7 65.1 2.1 66.6 65.1 2.1 66.6	58.5 64.3 1.4 58.5 64.3 1.3 58.5 64.3 1.3	65.8 65.8	57.1 54.0 1.0 65 57 63.9 1.0 65 56.9 63.9 1.0 65	.5         .58         .64.2           .4         57.9         64.1           .4         57.9         64.1	1.2 65.6 1.2 65.6	52.1 b5.3 U.3 52 63.3 0.3 52 63.3 0.3	64.8 57.5 64.0 1.1 64.8 57.4 64.0 1.1 64.8 57.4 64.0 1.1	b5.5         b1.3         b5.3         2.3         b6.8           65.5         61.4         65.3         2.3         66.8           65.5         61.4         65.3         2.3         66.8           65.5         61.4         65.3         2.3         66.8	39.4         64.5         1.6         66.0           59.4         64.5         1.6         66.0           59.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0	56.7 63.9 0.9 56.7 63.9 0.9 56.7 63.9 0.9	b5.4         55.1         b3.6         0.7         b5.           65.4         55.2         63.6         0.7         65.           65.4         55.4         63.7         0.7         65.           65.4         55.4         63.7         0.7         65.	1         57.1         64.0         1.0         6           1         57.1         64.0         1.0         6           2         57.2         64.0         1.0         6           3         53.2         64.0         1.0         6	55.5         47.2         55.1         0.1         56.6           55.5         47.2         63.1         0.1         64.6           55.5         47.2         63.1         0.1         64.6           55.5         47.2         63.1         0.1         64.6
056D 034-OG 34 056D 63.0 056D 035-OG 35 056D 63.0 056D 036-OG 36 056D 63.0	64.5 60.7 6 64.5 60.6 6	55.0 2.0 66.5 61.3 54.9 2.0 66.4 61.3 54.9 2.0 66.4 61.3	65.2 2.3 65.2 2.3 65.2 2.3	66.7 60.7 66.7 60.6	65.1 2.1 66.5 65.0 2.0 66.5 64.9 2.0 66.4	38.4         64.3         1.3           58.4         64.3         1.3           58.3         64.2         1.3	65.8 65.7	36.3         63.9         1.0         63           56.8         63.9         0.9         65           56.8         63.9         0.9         65           56.8         63.9         0.9         65	4 57.8 64.1 4 57.7 64.1	12 65.6 11 65.6	51.9 63.3 0.3 51.9 63.3 0.3 51.8 63.3 0.3	64.8 57 63.9 1.0 64.8 56.6 63.9 0.9	03.4         01.4         03.3         2.3         00.8           65.4         61.5         65.3         2.3         66.8           65.4         61.5         65.3         2.3         66.8           65.4         61.5         65.3         2.3         66.8	35.3         64.5         1.6         96.0           59.5         64.6         1.6         66.1           59.5         64.6         1.6         66.1           59.5         64.6         1.6         66.1	56.3 63.8 0.9 56.3 63.8 0.9 56.3 63.8 0.9	65.3 55.4 63.7 0.7 65. 65.3 55.3 63.6 0.7 65. 65.3 55.3 63.6 0.7 65.	2 57.2 64.0 1.0 6 2 57.2 64.0 1.0 6 1 57.1 64.0 1.0 6 4 57.1 64.0 1.0 6	35.5         47.1         65.1         0.1         64.6           55.5         47.2         63.1         0.1         64.6           55.5         47.1         63.1         0.1         64.6           55.5         47.1         63.1         0.1         64.6
056D 037.0G 37 056D 63.0 056D 038.0G 38 056D 63.0 056D 039.0G 39 056D 63.0	64.5 60.4 6 64.5 60.4 6 64.5 60.2 6	24.9 2.0 00.4 01.2 54.9 1.9 66.4 61.1 54.9 1.9 66.4 61.1 54.9 1.9 66.4 61.1	65.1 2.2 65.1 2.2 65.1 2.2	66.6 60.3 66.6 60.3 66.5 60.3	64.9 2.0 66.4 64.9 1.9 66.4 64.8 1.9 66.3 66.8 1.9 66.3	38.2         64.2         1.3           58.2         64.2         1.3           58.1         64.2         1.2	65.7 65.7 65.7	36.7         63.9         0.9         65           56.6         63.9         0.9         65           56.6         63.9         0.9         65           56.6         63.9         0.9         65           56.6         63.9         0.9         65	4 57.6 64.1 4 57.5 64.0	1.1 65.6 1.1 65.5 1.1 65.5	51.7 63.3 0.3 51.6 63.3 0.3 51.6 63.3 0.3	64.8 56.6 63.9 0.9 64.8 56.7 63.9 0.9 64.8 56.7 63.9 0.9	03.4         01.4         03.3         2.3         00.8           65.4         61.1         65.1         2.2         66.6           65.4         61.1         65.1         2.2         66.6           65.4         61.1         65.1         2.2         66.6	35.3         64.5         1.6         96.0           59.3         64.5         1.6         66.0           59.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0	56.2 63.8 0.9 56.3 63.8 0.9 56.4 62.8 0.9	65.3 55.2 63.6 0.7 65. 65.3 55.2 63.6 0.7 65. 65.3 55.2 63.6 0.7 65.	1 57.1 64.0 1.0 6 1 57 63.9 1.0 6 1 57 63.9 1.0 6 1 57 63.9 1.0 6	35.3         47         65.1         0.1         64.6           55.4         47         63.1         0.1         64.6           55.4         46.9         63.1         0.1         64.6           55.2         46.9         63.1         0.1         64.6
0560 040.0G 40 0560 63.0 0560 041.0G 41 0560 63.0 0560 042.0G 42 0560 63.0	64.5 60.1 6 64.5 59.6 6 64.5 59.6 6	54.8         1.8         66.3         60.7           54.8         1.8         66.3         60.7           54.6         1.7         66.1         60.6           56.6         1.6         66.2         60.7	65.0 2.0 64.9 2.0	66.5 60.2 66.4 60.1 66.4 60.1	64.8 1.8 66.3 64.8 1.8 66.3 64.7 1.9 66.2	58 64.2 1.2 57.9 64.1 1.2 57.9 64.1 1.2	65.7 65.6 65.6	56.4 63.8 0.9 65 56.4 63.8 0.9 65 56.4 63.8 0.9 65	3 57.4 64.0 3 57.3 64.0 3 57.3 64.0	1.1 05.5 1.1 65.5 1.0 65.5	51.5 63.3 0.3 51.4 63.2 0.3	64.8 56.8 63.9 0.9 64.7 56.8 63.9 0.9 64.7 56.8 63.9 0.9	65.4         61.1         65.1         2.1         66.6           65.4         61.1         65.1         2.1         66.6           65.4         61         65.1         2.1         66.6	55.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0	56.4 63.8 0.9 56.4 63.8 0.9 56.4 63.8 0.9	65.3 55.2 63.6 0.7 65. 65.3 55.2 63.6 0.7 65. 65.3 55.2 63.6 0.7 65.	56.3         63.8         0.9         6           1         56.4         63.8         0.9         6           1         56.4         63.8         0.9         6           1         56.4         63.8         0.9         6	55.3         46.8         63.1         0.1         64.6           55.3         46.8         63.1         0.1         64.6           55.3         46.7         63.1         0.1         64.6           55.2         46.6         63.0         0.1         64.5
056D 045.0G 45 056D 63.0 056D 044.0G 44 056D 63.0 056D 045.0G 45 056D 63.0	64.5 59.4 6 64.5 59.3 6 64.5 59.3 6	Als         1.0         66.1         60.3           54.5         1.6         66.0         60.4           54.5         1.6         66.0         60.3           54.5         1.6         66.0         60.3	64.9 1.9 64.8 1.9 64.8 1.9	66.4 59.9 66.3 59.8 66.2 59.7	64.7 1.7 66.2 64.7 1.7 66.2 64.7 1.7 66.2	57.8 64.1 1.2 57.7 64.1 1.1 57.7 64.1 1.1	65.6 65.6	56.3         63.8         0.8         65           56.2         63.8         0.8         65           56.2         63.8         0.8         65           56.2         63.8         0.8         65           56.2         63.8         0.8         65	3 57.2 64.0 3 57.1 64.0 3 57.1 64.0	1.0 65.5 1.0 65.5 1.0 65.5	51.2 63.2 0.3 51.2 63.2 0.3 51.2 63.2 0.3	64.7 56.7 63.9 0.9 64.7 57 63.9 1.0 64.7 57 63.9 1.0	65.4         61         65.1         2.1         66.6           65.4         61.1         65.1         2.2         66.6           65.4         61.1         65.1         2.2         66.6	53.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0           59.2         64.5         1.5         66.0	56.3 63.8 0.9 56.2 63.8 0.8 56.2 63.8 0.8	65.3 54.8 63.6 0.6 65. 65.3 54.8 63.6 0.6 65. 65.3 54.8 63.6 0.6 65.	56.1         63.0         0.8         6           1         56         63.7         0.8         6           1         56         63.7         0.8         6           1         56         63.7         0.8         6	55.2         46.5         63.0         0.1         64.5           55.2         46.5         63.0         0.1         64.5           55.2         46.5         63.0         0.1         64.5           55.2         46.5         63.0         0.1         64.5
056D 040.0G 48 056D 63.0 056D 047.0G 47 056D 63.0 056D 048.0G 48 056D 63.0 056D 049.0G 49 056D 63.0	64.5 59.2 6 64.5 59.1 6 64.5 59.1 6	1.5         66.0         60.1           54.5         1.5         66.0         60.2           54.4         1.5         65.9         60.1	64.8 1.8 64.8 1.8 64.7 1.8	66.3 59.6 66.3 59.6 66.2 59.5	64.6 1.7 66.1 64.6 1.7 66.1 64.6 1.6 66.1	57.6 64.1 1.1 57.5 64.0 1.1 57.4 64.0 1.1	65.6 65.5	56         63.7         0.8         65           56         63.7         0.8         65           56         63.7         0.8         65           56         63.7         0.8         65	2 56.9 63.9 2 56.9 63.9 2 56.8 63.9	1.0 05.4 1.0 65.4 1.0 65.4 0.9 65.4	51.1 63.2 0.3 51.1 63.2 0.3 51 63.2 0.3 50.9 63.2 0.3	64.7 56.3 63.8 0.9 64.7 56.3 63.8 0.9 64.7 56.3 63.8 0.9	65.3         60.9         65.1         2.1         66.6           65.3         60.9         65.1         2.1         66.6           65.3         60.9         65.1         2.1         66.6	59.3         64.5         1.6         66.0           59.3         64.5         1.6         66.0           59.3         64.5         1.6         66.0           59.3         64.5         1.6         66.0	56.2 63.8 0.8 56.1 63.8 0.8 55.4 63.7 0.7	65.3 54.7 63.6 0.6 65. 65.3 54.6 63.5 0.6 65. 65.2 54.6 63.5 0.6 65.	55.9 63.7 0.8 6 55.8 6 57 0.8 6 57 0.8 6 57 0.8 6 57 0.8 6 57 0.8 6 58 6 59 6 50	46.4         63.3         0.1         64.5           55.2         46.1         63.0         0.1         64.5           55.2         46         63.0         0.1         64.5           55.2         46         63.0         0.1         64.5           55.2         46         63.0         0.1         64.5
056D 050.0G 50 056D 63.0 056D 051.0G 51 056D 63.0 0574 001.0G 10574 63.0	64.5 58.9 0 64.5 58.8 0 64.5 40.3 0	4.4 1.4 65.9 59.9 44.4 1.4 65.9 59.8 50 0.0 64.5 41.2	64.7 1.7 64.7 1.7 63.0 0.0	66.2 59.4 66.2 59.3 64.5 40.6	64.5 1.6 66.0 64.5 1.6 66.0 63.0 0.0 64.5	57.3 64.0 1.0 57.2 64.0 1.0 36 63.0 0.0	65.5 65.5 64.5	55.8 63.7 0.8 65 55.8 63.7 0.8 65 55.8 63.7 0.8 65 34.8 63.0 0.0 66	2 56.7 63.9 2 56.6 63.9 5 37 63.0	0.9 65.4 0.9 65.4 0.0 64.5	50.8 63.2 0.3 50.8 63.2 0.3 33.9 63.0 0.0	64.7 56.4 63.8 0.9 64.7 56.6 63.9 0.9 64.5 38.1 63.0 0.0	65.3         60.8         65.0         2.1         66.5           65.4         60.8         65.0         2.1         66.5           65.4         60.8         65.0         2.1         66.5	59.3         64.5         1.6         66.0           59.3         64.5         1.6         66.0           39.6         63.0         0.0         64.5	55.4 63.7 0.7 55.4 63.7 0.7 36.8 63.0 0.0	65.2 54.5 63.5 0.6 65. 65.2 54.5 63.5 0.6 65. 65.2 54.5 63.5 0.6 65. 64.5 34.7 63.0 0.0 66	0 55.7 63.7 0.7 6 0 55.7 63.7 0.7 6 5 369 630 0.0 6	55.2         45.9         63.0         0.1         64.5           55.2         45.8         63.0         0.1         64.5           54.5         33.1         63.0         0.0         64.5
057A 002.0G 2 057A 63.0 057A 003.0G 3 057A 63.0 057A 004.0G 4 057A 63.0	64.5 40.6 6 64.5 40.3 6 64.5 40.9 6	3.0 0.0 64.5 41.3 3.0 0.0 64.5 41 3.0 0.0 64.5 41	63.0 0.0 63.0 0.0 63.0 0.0	64.5 40.9 64.5 40.8 64.5 41	63.0 0.0 64.5 63.0 0.0 64.5 63.0 0.0 64.5	35.4 63.0 0.0 35.5 63.0 0.0 35.5 63.0 0.0	64.5 64.5	34.1 63.0 0.0 64 34.3 63.0 0.0 64 34.4 63.0 0.0 664	5 36.4 63.0 5 36.5 63.0 5 36.5 63.0	0.0 64.5 0.0 64.5 0.0 64.5	33.2 63.0 0.0 33.3 63.0 0.0 33.3 63.0 0.0	64.5 37.6 63.0 0.0 64.5 37.7 63.0 0.0 64.5 37.7 63.0 0.0	64.5         42.1         63.0         0.0         64.5           64.5         42.1         63.0         0.0         64.5           64.5         42.1         63.0         0.0         64.5	39.7         63.0         0.0         64.5           39.8         63.0         0.0         64.5           39.8         63.0         0.0         64.5	36.7 63.0 0.0 37.3 63.0 0.0 37.7 63.0 0.0	64.5 34.6 63.0 0.0 64. 64.5 34.7 63.0 0.0 64. 64.5 34.7 63.0 0.0 64.	5 36.9 63.0 0.0 6 5 36.9 63.0 0.0 6 5 37 63.0 0.0 6	33         63.0         0.0         64.5           54.5         33.1         63.0         0.0         64.5           54.5         33.1         63.0         0.0         64.5           54.5         33.1         63.0         0.0         64.5
057A 005.0G 1057A 63.0 057B 001.0G 1057B 63.0 057B 001.0G 206 2057B 63.0	64.5 41.5 6 64.5 48.3 6 64.5 48.7 6	3.0         0.0         64.5         41.9           33.1         0.1         64.6         46.7           31.1         0.2         64.6         47.7	63.0 0.0 63.1 0.1 63.1 0.1	64.5 42.1 64.6 48.3 64.6 48.9	63.0 0.0 64.5 63.1 0.1 64.6 63.1 0.2 64.6	35.5 63.0 0.0 43 63.0 0.0 43 63.0 0.0	64.5 64.5 64.5	34.9         63.0         0.0         64           42.8         63.0         0.0         64           42.9         63.0         0.0         64	5 36.7 63.0 5 39.4 63.0 5 39.5 63.0	0.0 64.5	33.3 63.0 0.0 39.1 63.0 0.0 39.1 63.0 0.0	64.5 38.6 63.0 0.0 64.5 39.2 63.0 0.0 64.5 39.4 63.0 0.0	64.5         42.9         63.0         0.0         64.5           64.5         44.1         63.0         0.1         64.5           64.5         44.1         63.0         0.1         64.5	40.6 63.0 0.0 64.5 41.7 63.0 0.0 64.5 41.9 63.0 0.0 64.5	39.3 63.0 0.0 55.4 63.7 0.7 54.6 63.5 0.6	64.5 35.1 63.0 0.0 64. 65.2 53.2 63.4 0.4 64. 65.0 52.2 63.3 0.4 64.	5 37.4 63.0 0.0 6 5 37.4 63.6 0.6 6 3 53.8 63.4 0.5 6	54.5 33.7 63.0 0.0 64.5 55.1 36.3 63.0 0.0 64.5 54.9 36.4 63.0 0.0 64.5
0578 003.0G 3 0578 63.0 0578 004.0G 4 0578 63.0 0578 005.0G 5 0578 63.0	64.5 49 0 64.5 49.2 0 64.5 49.5 0	33.1         0.2         64.6         47.3           33.1         0.2         64.6         47.6           33.1         0.2         64.6         47.6           33.1         0.2         64.6         47.6	63.1 0.1 63.1 0.1 63.1 0.1	64.6 49.2 64.6 49.5 64.6 49.9	63.1 0.2 64.6 63.1 0.2 64.6 63.2 0.2 64.7	43.1 63.0 0.0 43.1 63.0 0.0 43.2 63.0 0.0	64.5 64.5	42.9 63.0 0.0 64 43 63.0 0.0 64 43 63.0 0.0 64	.5 39.3 63.0 .5 39.4 63.0 .5 39.6 63.0	0.0 64.5 0.0 64.5 0.0 64.5	39.2 63.0 0.0 39.2 63.0 0.0 39.4 63.0 0.0	64.5 39.5 63.0 0.0 64.5 40 63.0 0.0 64.5 42.6 63.0 0.0	64.5         44.4         63.0         0.1         64.5           64.5         45.2         63.0         0.1         64.5           64.5         45.2         63.0         0.1         64.5	42         63.0         0.0         64.5           42.8         63.0         0.0         64.5           45.9         63.0         0.1         64.5	54.7 63.6 0.6 55 63.6 0.6 55 63.6 0.6	65.1         52.2         63.3         0.4         64.           65.1         52.3         63.3         0.4         64.           65.1         52.4         63.3         0.4         64.	3         53.9         63.5         0.5         6           3         53.9         63.5         0.5         6           3         53.9         63.5         0.5         6           3         54.1         63.5         0.5         6	35.0         36.5         63.0         0.0         64.5           35.0         37.2         63.0         0.0         64.5           35.0         39.7         63.0         0.0         64.5
057C 001.0G 1 057C 63.0 057C 002.0G 2 057C 63.0 057C 003.0G 3 057C 63.0	64.5 44.9 6 64.5 45.4 6 64.5 45.8 6	i3.0         0.1         64.5         49.9           i3.0         0.1         64.5         50.4           i3.0         0.1         64.5         50.4           i3.0         0.1         64.5         50.8	63.2 0.2 63.2 0.2 63.2 0.3	64.7 49.1 64.7 49.5 64.7 49.9	63.1         0.2         64.6           63.1         0.2         64.6           63.2         0.2         64.7	37.9 63.0 0.0 38.3 63.0 0.0 38.6 63.0 0.0	64.5 64.5 64.5	36.9 63.0 0.0 66 37.8 63.0 0.0 66 39 63.0 0.0 66	5 43.6 63.0 5 43.8 63.0 5 44.2 63.0	0.1 64.5 0.1 64.5 0.1 64.5	40.3 63.0 0.0 40.4 63.0 0.0 40.5 63.0 0.0	64.5         39.2         63.0         0.0           64.5         39.6         63.0         0.0           64.5         39.8         63.0         0.0	64.5         43.2         63.0         0.0         64.5           64.5         43.5         63.0         0.0         64.5           64.5         43.8         63.0         0.1         64.5	40.8         63.0         0.0         64.5           41.1         63.0         0.0         64.5           41.4         63.0         0.0         64.5	38.2 63.0 0.0 38.6 63.0 0.0 38.9 63.0 0.0	64.5         39.1         63.0         0.0         64.           64.5         39.2         63.0         0.0         64.           64.5         39.3         63.0         0.0         64.	5         40.5         63.0         0.0         6           5         40.7         63.0         0.0         6           5         40.9         63.0         0.0         6	54.5         35.1         63.0         0.0         64.5           54.5         35.5         63.0         0.0         64.5           54.5         35.8         63.0         0.0         64.5
057C 004.OG 4 057C 63.0 057C 005.OG 5 057C 63.0 057D 001.OG 1 057D 63.0	64.5 46.2 6 64.5 46.8 6 64.5 56.3 6	53.0         0.1         64.5         51.1           53.1         0.1         64.6         51.3           53.8         0.9         65.3         56.6	63.2 0.3 63.2 0.3 63.9 0.9	64.7 50.1 64.7 50.4 65.4 57.1	63.2         0.2         64.7           63.2         0.2         64.7           64.0         1.0         65.5	38.5 63.0 0.0 38.8 63.0 0.0 59.2 64.5 1.5	64.5 64.5 66.0	39.8 63.0 0.0 64 40.2 63.0 0.0 64 57.5 64.0 1.1 65	.5 44.4 63.0 .5 48.6 63.1 .5 57.3 64.0	0.1 64.5 0.2 64.6 1.0 65.5	40.5 63.0 0.0 40.6 63.0 0.0 51.3 63.2 0.3	64.5         39.6         63.0         0.0           64.5         40.2         63.0         0.0           64.7         40.6         63.0         0.0	64.5         43.6         63.0         0.1         64.5           64.5         44.1         63.0         0.1         64.5           64.5         44.9         63.0         0.1         64.5	41.2         63.0         0.0         64.5           41.6         63.0         0.0         64.5           43         63.0         0.0         64.5	38.8 63.0 0.0 39.2 63.0 0.0 53.4 63.4 0.5	64.5         39.3         63.0         0.0         64.           64.5         39.5         63.0         0.0         64.           64.9         49.6         63.1         0.2         64.	5 40.9 63.0 0.0 6 5 41.1 63.0 0.0 6 5 52.9 63.4 0.4 6	54.5         35.7         63.0         0.0         64.5           54.5         36.1         63.0         0.0         64.5           54.9         36.7         63.0         0.0         64.5
057D 002.OG 2 057D 63.0 057D 003.OG 3 057D 63.0 057D 004.OG 4 057D 63.0	64.5 57.1 6 64.5 57.7 6 64.5 58.3 6	54.0         1.0         65.5         57.4           54.1         1.1         65.6         57.9           54.2         1.3         65.7         58.7	64.0 1.1 64.1 1.2 64.3 1.4	65.5 59.8 65.6 58.4 65.8 60.2	64.7         1.7         66.2           64.3         1.3         65.8           64.8         1.8         66.3	59.1         64.4         1.5           61.1         65.1         2.2           61.3         65.2         2.3	65.9 66.6 66.7	57.5 64.0 1.1 65 60.1 64.8 1.8 66 60 64.7 1.8 66	.5 59.4 64.5 .3 60.8 65.0 .2 60.9 65.1	1.6 66.0 2.1 66.5 2.1 66.6	54.7         63.6         0.6           54.7         63.6         0.6           55         63.6         0.6	65.1         41.3         63.0         0.0           65.1         43.6         63.0         0.1           65.1         44.7         63.0         0.1	64.5         45.6         63.0         0.1         64.5           64.5         48.9         63.1         0.2         64.6           64.5         50.1         63.2         0.2         64.7	43.8         63.0         0.1         64.5           47.1         63.1         0.1         64.6           48.2         63.1         0.1         64.6	53.8 63.4 0.5 54.7 63.6 0.6 54.8 63.6 0.6	64.9         49.3         63.1         0.2         64.           65.1         50.6         63.2         0.2         64.           65.1         51         63.2         0.2         64.	5 53 63.4 0.4 6 7 53.8 63.4 0.5 6 7 54 63.5 0.5 6	54.9         37.3         63.0         0.0         64.5           54.9         40.9         63.0         0.0         64.5           55.0         41         63.0         0.0         64.5
057D 005.OG 5 057D 63.0 0588 001.OG 1 0588 68.5 0588 002.OG 2 0588 69.2	64.5 60.7 6 71.3 61.3 6 72.0 63.3	55.0         2.0         66.5         61           59.3         0.8         72.1         62           70.2         1.0         73.0         65.7	65.1 2.1 69.4 0.9 70.8 1.6	66.6 60.7 72.2 61.7 73.6 63.5	65.0         2.0         66.5           69.3         0.8         72.1           70.2         1.0         73.0	61.3 65.2 2.3 65.5 70.3 1.8 65.3 70.7 1.5	66.7 73.1 73.5	60         64.7         1.8         66           64.2         69.9         1.4         72           64.1         70.4         1.2         73	2 60.9 65.1 7 65 70.1 2 65 70.6	2.1 66.6 1.6 72.9 1.4 73.4	55.1         63.6         0.7           59.3         69.0         0.5           59.4         69.6         0.4	65.1         52.8         63.4         0.4           71.8         54.1         68.7         0.2           72.4         61         69.8         0.6	64.9         55.2         63.6         0.7         65.1           71.5         57.5         68.8         0.3         71.6           72.6         60.9         69.8         0.6         72.6	52.7         63.3         0.4         64.8           55         68.7         0.2         71.5           60.4         69.7         0.5         72.5	54.9 63.6 0.6 61.3 69.3 0.8 61.2 69.8 0.6	65.1         51         63.2         0.3         64.           72.1         58.7         68.9         0.4         71.           72.6         58.7         69.6         0.4         72.	7         54         63.5         0.5         6           7         60.1         69.1         0.6         7           4         60.3         69.7         0.5         7	55.0         41.2         63.0         0.0         64.5           71.9         50.9         68.6         0.1         71.4           72.5         52.4         69.3         0.1         72.1
0588 003.OG 3 0588 68.9 0588 004.OG 4 0588 68.4 058D 001.OG 1 058D 65.4	71.7 65.7 7 71.2 68 7 68.2 61 6	70.6         1.7         73.4         66.3           71.2         2.8         74.0         67.2           56.7         1.3         69.5         61.7	70.8 1.9 70.9 2.5 66.9 1.5	73.6 66.1 73.7 67.6 69.7 61.5	70.7 1.8 73.5 71.0 2.6 73.8 66.9 1.5 69.7	65.3 70.5 1.6 65.2 70.1 1.7 63.9 67.7 2.3	73.3 72.9 70.5	64.1         70.1         1.2         72           64.1         69.8         1.4         72           63.1         67.4         2.0         70	.9 65 70.4 .6 65 70.0 .2 64.3 67.9	1.5 73.2 1.6 72.8 2.5 70.7	59.4         69.4         0.5           59.3         68.9         0.5           58         66.1         0.7	72.2         60.1         69.4         0.5           71.7         62.3         69.4         1.0           68.9         48.9         65.5         0.1	72.2         63.6         70.0         1.1         72.8           72.2         65.7         70.3         1.9         73.1           68.3         55.1         65.8         0.4         68.6	61.8         69.7         0.8         72.5           63.6         69.6         1.2         72.4           54         65.7         0.3         68.5	61.3 69.6 0.7 61.7 69.2 0.8 58.4 66.2 0.8	72.4         58.7         69.3         0.4         72.           72.0         59.1         68.9         0.5         71.           69.0         56.1         65.9         0.5         68.	1 60.4 69.5 0.6 7 7 61 69.1 0.7 7 7 57.6 66.1 0.7 6	72.3         52.9         69.0         0.1         71.8           71.9         54.3         68.6         0.2         71.4           58.9         44.3         65.4         0.0         68.2
058D 002.OG 2 058D 67.1 058D 003.OG 3 058D 67.5 058D 004.OG 4 058D 67.3	69.9 62.8 6 70.3 64.8 6 70.1 67.5	58.5         1.4         71.3         63.2           59.4         1.9         72.2         66           70.4         3.1         YES         73.2         67.1	68.6 1.5 69.8 2.3 70.2 2.9	71.4 63.1 72.6 65.5 73.0 67	68.6 1.5 71.4 69.6 2.1 72.4 70.2 2.9 73.0	63.7 68.7 1.6 64.5 69.3 1.8 64.4 69.1 1.8	71.5 72.1 71.9	62.8         68.5         1.4         71           63.7         69.0         1.5         71           63.3         68.8         1.5         71	.3 64 68.8 .8 64.8 69.4 .6 64.6 69.2	1.7 71.6 1.9 72.2 1.9 72.0	58         67.6         0.5           58.8         68.0         0.5           58.9         67.9         0.6	70.4         55.5         67.4         0.3           70.8         58         68.0         0.5           70.7         60.1         68.1         0.8	70.2         62.1         68.3         1.2         71.1           70.8         63.7         69.0         1.5         71.8           70.9         64.9         69.3         2.0         72.1	59.7         67.8         0.7         70.6           62.2         68.6         1.1         71.4           63.3         68.8         1.5         71.6	60.1 67.9 0.8 60.1 68.2 0.7 60.6 68.1 0.8	70.7         57         67.5         0.4         70.           71.0         57.2         67.9         0.4         70.           70.9         57.5         67.7         0.4         70.	3         59.5         67.8         0.7         7           7         59.7         68.2         0.7         7           5         60.2         68.1         0.8         7	70.6         54.2         67.3         0.2         70.1           71.0         54.5         67.7         0.2         70.5           70.9         55.4         67.6         0.3         70.4
059A 001.OG 1 059A 63.0 059A 002.OG 2 059A 63.0 059A 003.OG 3 059A 63.0	64.9 43 6 64.9 43.7 6 64.9 43.6 6	53.0         0.0         64.9         42.1           53.0         0.1         64.9         42.2           53.0         0.1         64.9         42.2           53.0         0.1         64.9         42.3	63.0 0.0 63.0 0.0 63.0 0.0	64.9 41.3 64.9 41.5 64.9 41.5	63.0         0.0         64.9           63.0         0.0         64.9           63.0         0.0         64.9           63.0         0.0         64.9	36.7 63.0 0.0 36.6 63.0 0.0 36.7 63.0 0.0	64.9 64.9 64.9	36.3         63.0         0.0         64           36.5         63.0         0.0         64           37.7         63.0         0.0         64	.9 38 63.0 .9 38 63.0 .9 38.1 63.0	0.0 64.9 0.0 64.9 0.0 64.9	35.3         63.0         0.0           35.3         63.0         0.0           35.4         63.0         0.0	64.9         39.5         63.0         0.0           64.9         39.4         63.0         0.0           64.9         39.5         63.0         0.0	64.9         43.8         63.0         0.1         64.9           64.9         43.7         63.0         0.1         64.9           64.9         43.7         63.0         0.1         64.9           64.9         43.7         63.0         0.1         64.9	41.3         63.0         0.0         64.9           41.3         63.0         0.0         64.9           41.4         63.0         0.0         64.9	47.1 63.1 0.1 47.2 63.1 0.1 48.4 63.1 0.1	65.0         43.9         63.0         0.1         64.           65.0         43.4         63.0         0.0         64.           65.0         43.4         63.0         0.0         64.           65.0         43         63.0         0.0         64.	9         44.3         63.0         0.1         6           9         43.9         63.0         0.1         6           9         43.5         63.0         0.0         6	54.9         34         63.0         0.0         64.9           54.9         34         63.0         0.0         64.9           54.9         34         63.0         0.0         64.9           54.9         34         63.0         0.0         64.9
059A 004.0G 4 059A 63.0 059A 005.0G 5 059A 63.0 059A 006.0G 6 059A 63.0	64.9 43.2 4 64.9 43.5 4 64.9 41.5 6	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	63.0 0.0 63.0 0.0 63.0 0.0	64.9 40.4 64.9 40.1 64.9 41.5	63.0         0.0         64.9           63.0         0.0         64.9           63.0         0.0         64.9           63.0         0.0         64.9	36         63.0         0.0           35.8         63.0         0.0           35.9         63.0         0.0	64.9 64.9 64.9	35.4         63.0         0.0         64           35.4         63.0         0.0         64           35.7         63.0         0.0         64	.9 37.5 63.0 .9 37.3 63.0 .9 37.4 63.0	0.0 64.9 0.0 64.9 0.0 64.9	34         63.0         0.0           33.8         63.0         0.0           33.9         63.0         0.0	64.9         39.2         63.0         0.0           64.9         39.5         63.0         0.0           64.9         39.6         63.0         0.0	64.9         43.9         63.0         0.1         64.9           64.9         44.1         63.0         0.1         64.9           64.9         44.1         63.0         0.1         64.9           64.9         44         63.0         0.1         64.9	41.4         63.0         0.0         64.9           41.6         63.0         0.0         64.9           41.8         63.0         0.0         64.9	48.4         63.1         0.1           48.5         63.1         0.2           48.4         63.1         0.1	65.0         43.1         63.0         0.0         64.           65.0         43.1         63.0         0.0         64.           65.0         42.9         63.0         0.0         64.	9         43.6         63.0         0.1         6           9         43.6         63.0         0.1         6           9         43.4         63.0         0.0         6	54.9         34.1         63.0         0.0         64.9           54.9         33.8         63.0         0.0         64.9           54.9         33.8         63.0         0.0         64.9           54.9         33.9         63.0         0.0         64.9
059A 007.0G 7 059A 63.0 059A 008.0G 8 059A 63.0 059A 009.0G 9 059A 63.0	64.9 42.4 6 64.9 42.6 6 64.9 42.2 6	i3.0         0.0         64.9         43           i3.0         0.0         64.9         43           i3.0         0.0         64.9         43           i3.0         0.0         64.9         42.9	63.0 0.0 63.0 0.0 63.0 0.0	64.9 42.5 64.9 42.4 64.9 42.2	63.0         0.0         64.9           63.0         0.0         64.9           63.0         0.0         64.9           63.0         0.0         64.9	36         63.0         0.0           36.1         63.0         0.0           36         63.0         0.0	64.9 64.9 64.9	36         63.0         0.0         64           35.9         63.0         0.0         64           35.9         63.0         0.0         64	.9 37.7 63.0 .9 37.6 63.0 .9 37.6 63.0	0.0 64.9 0.0 64.9 0.0 64.9	34         63.0         0.0           34.1         63.0         0.0           34.1         63.0         0.0	64.9         41.4         63.0         0.0           64.9         41.5         63.0         0.0           64.9         41.5         63.0         0.0           64.9         41.5         63.0         0.0	64.9         46         63.0         0.1         64.9           64.9         46.1         63.0         0.1         64.9           64.9         46.1         63.0         0.1         64.9           64.9         46         63.0         0.1         64.9	43.9         63.0         0.1         64.9           44         63.0         0.1         64.9           43.9         63.0         0.1         64.9	48.6         63.1         0.2           48.6         63.1         0.2           48.7         63.1         0.2	65.0         43.3         63.0         0.0         64.           65.0         43.3         63.0         0.0         64.           65.0         43.3         63.0         0.0         64.           65.0         43.3         63.0         0.0         64.	9         44         63.0         0.1         6           9         44         63.0         0.1         6           9         44         63.0         0.1         6           9         44         63.0         0.1         6	54.9         35.9         63.0         0.0         64.9           54.9         36         63.0         0.0         64.9           54.9         36         63.0         0.0         64.9           54.9         35.9         63.0         0.0         64.9
059A 010.OG 10 059A 63.0 059A 011.OG 11 059A 63.0 059A 012.OG 12 059A 63.0	64.9 41.9 6 64.9 42.4 6 64.9 43 6	i3.0         0.0         64.9         42.6           i3.0         0.0         64.9         43           i3.0         0.0         64.9         43.5	63.0 0.0 63.0 0.0 63.0 0.0	64.9 41.8 64.9 42.4 64.9 42.7	63.0 0.0 64.9 63.0 0.0 64.9 63.0 0.0 64.9	36.1 63.0 0.0 36.3 63.0 0.0 36.7 63.0 0.0	64.9 64.9 64.9	35.9 63.0 0.0 64 36 63.0 0.0 64 37.8 63.0 0.0 64	.9 37.7 63.0 .9 37.8 63.0 .9 38.9 63.0	0.0 64.9 0.0 64.9 0.0 64.9	34.1         63.0         0.0           34.2         63.0         0.0           34.6         63.0         0.0	64.9         41.6         63.0         0.0           64.9         42         63.0         0.0           64.9         42.4         63.0         0.0	64.9         46.1         63.0         0.1         64.9           64.9         46.5         63.0         0.1         64.9           64.9         46.9         63.1         0.1         64.9           64.9         46.9         63.1         0.1         65.0	44.2         63.0         0.1         64.9           44.5         63.0         0.1         64.9           45         63.0         0.1         64.9	48.7 63.1 0.2 48.7 63.1 0.2 48.9 63.1 0.2	65.0         43.4         63.0         0.0         64.           65.0         43.4         63.0         0.0         64.           65.0         43.5         63.0         0.0         64.	9         44.1         63.0         0.1         6           9         44.1         63.0         0.1         6           9         44.2         63.0         0.1         6	i4.9         35.9         63.0         0.0         64.9           i4.9         36         63.0         0.0         64.9           i4.9         36         63.0         0.0         64.9           i4.9         36.3         63.0         0.0         64.9
0598 001.OG 1 0598 72.3 0598 002.OG 2 0598 72.6 0598 003.OG 3 0598 72.3	74.2 59.5 74.5 60.6 74.2 61.2	72.5         0.2         74.4         60.5           72.9         0.3         74.8         61.3           72.6         0.3         74.5         61.6	72.6 0.3 72.9 0.3 72.7 0.4	74.5 59.9 74.8 61 74.6 61.9	72.5         0.2         74.4           72.9         0.3         74.8           72.7         0.4         74.6	63.4 72.8 0.5 63.1 73.1 0.5 63.1 72.8 0.5	74.7 75.0 74.7	62.4         72.7         0.4         74           62         73.0         0.4         74           62         72.7         0.4         74	6 63.3 72.8 9 63 73.1 6 63 72.8	0.5 74.7 0.5 75.0 0.5 74.7	57.6         72.4         0.1           57.5         72.7         0.1           57.4         72.4         0.1	74.3         52.1         72.3         0.0           74.6         52.8         72.6         0.0           74.3         55         72.4         0.1	74.2         56.1         72.4         0.1         74.3           74.5         57.1         72.7         0.1         74.6           74.3         58.2         72.5         0.2         74.4	53.9         72.4         0.1         74.3           55.1         72.7         0.1         74.6           56.4         72.4         0.1         74.3	61.5 72.6 0.3 60.9 72.9 0.3 60.9 72.6 0.3	74.5         58.1         72.5         0.2         74.           74.8         57.9         72.7         0.1         74.           74.5         57.8         72.5         0.2         74.	4         60.1         72.6         0.3         7           5         59.7         72.8         0.2         7           4         59.7         72.5         0.2         7	74.5         49.2         72.3         0.0         74.2           74.7         50.2         72.6         0.0         74.5           74.4         49.9         72.3         0.0         74.2
0598 004.0G 4 0598 71.9 0598 005.0G 5 0598 71.7 0598 006.0G 6 0598 71.4	73.8 61.7 73.6 62.7 73.3 64.9	72.3         0.4         74.2         62           72.2         0.5         74.1         62.7           72.3         0.9         74.2         64.4	72.3 0.4 72.2 0.5 72.2 0.8	74.2 64.7 74.1 62.6 74.1 64.4	72.7 0.8 74.6 72.2 0.5 74.1 72.2 0.8 74.1	63         72.4         0.5           62.9         72.2         0.5           63         72.0         0.6	74.3 74.1 73.9	62         72.3         0.4         74           61.9         72.1         0.4         74           61.7         71.8         0.4         75	2 63 72.4 0 62.9 72.2 7 62.8 72.0	0.5 74.3 0.5 74.1 0.6 73.9	57.5         72.1         0.2           57.5         71.9         0.2           57.3         71.6         0.2	74.0         55.9         72.0         0.1           73.8         56.5         71.8         0.1           73.5         58.1         71.6         0.2	73.9         59.1         72.1         0.2         74.0           73.7         59.9         72.0         0.3         73.9           73.5         60.9         71.8         0.4         73.7	57.3         72.0         0.1         73.9           58         71.9         0.2         73.8           59.5         71.7         0.3         73.6	60.8 72.2 0.3 60.9 72.0 0.3 61.2 71.8 0.4	74.1         57.8         72.1         0.2         74.           73.9         58         71.9         0.2         73.           73.7         58.5         71.6         0.2         73.	59.7         72.2         0.3         7           8         59.7         72.0         0.3         7           5         60.1         71.7         0.3         7	74.1         49.6         71.9         0.0         73.8           73.9         49.3         71.7         0.0         73.6           73.6         49.1         71.4         0.0         73.3
0598 007.0G 7 0598 71.1 0598 008.0G 8 0598 70.8 0598 009.0G 9 0598 70.6	73.0 65.4 72.7 66.2 72.5 65.5	72.1 1.0 74.0 66.1 72.1 1.3 74.0 65 71.8 1.2 73.7 65.1	72.3 1.2 71.8 1.0 71.7 1.1	74.2 65.5 73.7 66.4 73.6 65.5	72.2 1.1 74.1 72.1 1.3 74.0 71.8 1.2 73.7	62.9 71.7 0.6 62.9 71.5 0.7 62.9 71.3 0.7	73.6 73.4 73.2	61.7 71.6 0.5 73 61.7 71.3 0.5 75 61.8 71.1 0.5 75	5 62.7 71.7 2 62.7 71.4 0 62.8 71.3	0.6 73.6 0.6 73.3 0.7 73.2	57.2 71.3 0.2 57.2 71.0 0.2 57.1 70.8 0.2	73.2         58.4         71.3         0.2           72.9         58.6         71.1         0.3           72.7         59.2         70.9         0.3	73.2         61         71.5         0.4         73.4           73.0         61.4         71.3         0.5         73.2           72.8         62         71.2         0.6         73.1	59.7         71.4         0.3         73.3           60.1         71.2         0.4         73.1           60.4         71.0         0.4         72.9	61.2 71.5 0.4 61.3 71.3 0.5 61.5 71.1 0.5	73.4         58.7         71.3         0.2         73.           73.2         59.2         71.1         0.3         73.           73.0         59.6         70.9         0.3         72.	2 60.2 71.4 0.3 7 0 60.5 71.2 0.4 7 8 60.8 71.0 0.4 7	73.3         48.9         71.1         0.0         73.0           73.1         48.8         70.8         0.0         72.7           72.9         48.7         70.6         0.0         72.5
0598 010.0G 10 0598 70.3 0598 011.0G 11 0598 70.1 0598 012.0G 12 0598 69.8	72.2 65.6 72.0 65.8 71.7 66.1	71.6 1.3 73.5 65.3 71.5 1.4 73.4 66.4 71.3 1.5 73.2 66.5	71.5 1.2 71.6 1.5 71.5 1.7	73.4 65.6 73.5 65.6 73.4 65.6	71.6 1.3 73.5 71.4 1.3 73.3 71.2 1.4 73.1	62.8 71.0 0.7 62.8 70.8 0.7 62.7 70.6 0.8	72.9 72.7 72.5	61.8 70.9 0.6 72 61.8 70.7 0.6 72 61.8 70.4 0.6 72	.8 62.8 71.0 .6 62.7 70.8 .3 62.7 70.6	0.7 72.9 0.7 72.7 0.8 72.5	57.1 70.5 0.2 57 70.3 0.2 57 70.0 0.2	72.4         59.7         70.7         0.4           72.2         60.1         70.5         0.4           71.9         60.1         70.2         0.4	72.6         62.4         71.0         0.7         72.9           72.4         62.5         70.8         0.7         72.7           72.1         62.6         70.6         0.8         72.5	60.6 70.7 0.4 72.6 60.7 70.6 0.5 72.5 60.8 70.3 0.5 72.2	61.4 70.8 0.5 61.4 70.6 0.5 61.4 70.4 0.6	72.7         59.5         70.6         0.3         72.           72.5         59.5         70.5         0.4         72.           72.3         59.5         70.2         0.4         72.	5 60.8 70.8 0.5 7 4 60.7 70.6 0.5 7 1 60.7 70.3 0.5 7	72.7         48.6         70.3         0.0         72.2           72.5         48.4         70.1         0.0         72.0           72.2         48.3         69.8         0.0         71.7
059C 001.0G 1 059C 65.5 059C 002.0G 2 059C 66.8 059C 003.0G 3 059C 67.2	67.4 54.2 6 68.7 55.1 6 69.1 55.6 6	55.8         0.3         67.7         54           57.1         0.3         69.0         54.7           57.5         0.3         69.4         55.1	65.8 0.3 67.1 0.3 67.5 0.3	67.7 54.1 69.0 54.8 69.4 55.3	65.8 0.3 67.7 67.1 0.3 69.0 67.5 0.3 69.4	58 66.2 0.7 56.9 67.2 0.4 56.8 67.6 0.4	68.1 69.1 69.5	57.9 66.2 0.7 68 56.7 67.2 0.4 66 56.6 67.6 0.4 65	1 58.7 66.3 1 57.6 67.3 5 57.5 67.6	0.8 68.2 0.5 69.2 0.4 69.5	54         65.8         0.3           53         67.0         0.2           52.9         67.4         0.2	67.7 44.7 65.5 0.0 68.9 45.8 66.8 0.0 69.3 46.4 67.2 0.0	67.4         48.8         65.6         0.1         67.5           68.7         49.9         66.9         0.1         68.8           69.1         50.4         67.3         0.1         68.2           69.1         50.4         67.3         0.1         69.2	46.6 65.6 0.1 67.5 47.6 66.9 0.1 68.8 48.2 67.3 0.1 69.2	44.3 65.5 0.0 45.5 66.8 0.0 46.2 67.2 0.0	67.4 41.7 65.5 0.0 67. 68.7 42.8 66.8 0.0 68. 69.1 43.5 67.2 0.0 69.	4 44.4 65.5 0.0 6 7 45.6 66.8 0.0 6 1 46.2 67.2 0.0 6 1 46.2 67.2 0.0 6	57.4         41.1         65.5         0.0         67.4           58.7         42.3         66.8         0.0         68.7           59.1         42.9         67.2         0.0         69.1
059C 004.0G 4 059C 67.3 059C 005.0G 5 059C 67.3 059C 006.0G 6 059C 67.3	69.2 55.8 6 69.2 58.4 6 69.2 56.2 6	57.6         0.3         69.5         55.3           57.8         0.5         69.7         58.6           57.6         0.3         69.5         55.6	67.6 0.3 67.6 0.3	69.5 55.5 69.7 57.1 69.5 58.8	67.6 0.3 69.5 67.7 0.4 69.6 67.9 0.6 69.8	55.2 67.6 0.3 55.2 67.6 0.3 55.1 67.6 0.3	69.5 69.5	54.8         67.5         0.2         65           54.8         67.5         0.2         65           54.6         67.5         0.2         65           54.6         67.5         0.2         65	4 56.5 67.6 4 56.5 67.6 4 56.5 67.6	0.3 69.5 0.3 69.5 0.3 69.5	S1.5         67.4         0.1           S1.5         67.4         0.1           S1.5         67.4         0.1	69.3         46.7         67.3         0.0           69.3         46.8         67.3         0.0           69.3         46.8         67.3         0.0	b9.2         50.6         67.4         0.1         69.3           69.2         50.8         67.4         0.1         69.3           69.2         50.8         67.4         0.1         69.3           69.2         50.8         67.4         0.1         69.3	48.4         67.4         0.1         69.3           48.6         67.4         0.1         69.3           48.6         67.4         0.1         69.3           48.6         67.4         0.1         69.3           48.6         67.4         0.1         69.3	46.4 67.3 0.0 46.7 67.3 0.0 46.8 67.3 0.0	69.2         43.7         67.3         0.0         69.           69.2         44.3         67.3         0.0         69.           69.2         44.5         67.3         0.0         69.           69.2         44.5         67.3         0.0         69.	2         46.4         67.3         0.0         6           2         46.7         67.3         0.0         6           2         46.8         67.3         0.0         6           2         46.8         67.3         0.0         6	99.2         43.1         67.3         0.0         69.2           59.2         43.1         67.3         0.0         69.2           59.2         43         67.3         0.0         69.2           59.2         43         67.3         0.0         69.2
059C 007.0G 7 059C 67.3 059C 008.0G 8 059C 67.2 059C 009.0G 9 059C 67.1	69.2 56.9 6 69.1 54.8 6 69.0 47.4 6	57.7 0.4 69.6 55.8 57.4 0.2 69.3 56.1 57.1 0.0 69.0 50.4	67.5 0.3 67.2 0.1	69.5 56.1 69.4 55.8 69.1 48.6	67.5 0.3 69.5 67.5 0.3 69.4 67.2 0.1 69.1	45.9 67.3 0.0 45.8 67.2 0.0 45.6 67.1 0.0	69.2 69.1	43.4 67.3 0.0 65 43.3 67.2 0.0 65 43.2 67.1 0.0 65	46.1 67.3 1 46 67.2 0 45.9 67.1	0.0 69.2 0.0 69.1 0.0 69.0	45 67.3 0.0 42.9 67.2 0.0 42.7 67.1 0.0	69.2 46.6 67.3 0.0 69.1 46.5 67.2 0.0 69.0 46.4 67.1 0.0	b9.2         50.5         67.4         0.1         69.3           69.1         50.5         67.3         0.1         69.2           69.0         50.3         67.2         0.1         69.1           69.0         50.3         67.2         0.1         69.1	48.3         67.4         0.1         69.3           48.2         67.3         0.1         69.2           48.1         67.2         0.1         69.1           48.1         67.2         0.1         69.1	46.8 67.3 0.0 45.9 67.2 0.0 45.7 67.1 0.0	69.2 44.6 67.3 0.0 69. 69.1 43 67.2 0.0 69. 69.0 42.9 67.1 0.0 69.	46.9         67.3         0.0         6           1         45.9         67.2         0.0         6           0         45.8         67.1         0.0         6	59.2         43         57.3         0.0         89.2           59.1         42.9         67.2         0.0         69.1           59.0         42.7         67.1         0.0         69.0           59.2         50.2         50.2         50.2         50.2
059C 010.0G 10 059C 67.0 059C 011.0G 11 059C 67.0 059C 012.0G 12 059C 66.8 0600 001.0G 1 0600 655	68.9 47.8 6 68.7 47.8 6 68.7 57.7 4	57.1 0.0 69.0 50.3 57.1 0.1 69.0 50.1 56.9 0.1 68.8 50 66.2 0.7 68.0 58.5	67.2 0.1 67.1 0.1 66.9 0.1 66.2 0.8	69.1 48.7 69.0 48.6 68.8 48.5 69.1 59.2	67.2 0.1 69.1 67.1 0.1 69.0 66.9 0.1 68.8 66.2 0.9 69.1	45.5 67.1 0.0 45.3 67.0 0.0 45.1 66.8 0.0 61.9 67.1 1.6	68.9 68.7	43.1 67.1 0.0 65 43 67.0 0.0 65 43.1 66.8 0.0 65 61 66.8 1.2 668	45.8 67.1 9 45.6 67.0 7 45.6 66.8 6 61.7 67.0	0.0 68.9 0.0 68.7	42.6 67.1 0.0 42.5 67.0 0.0 42.2 66.8 0.0 55.7 65.9 0.4	69.0 46.3 67.1 0.0 68.9 46.2 67.0 0.0 68.7 46.1 66.8 0.0 69.7 51.5 65.7 0.2	b9.0         50.3         67.2         0.1         68.1           68.9         50.2         67.1         0.1         69.0           68.7         50.1         66.9         0.1         68.8           68.5         55.2         65.9         0.4         68.7	48.1         67.2         0.1         69.1           48         67.1         0.1         69.0           47.8         66.9         0.1         68.8           52.5         65.9         0.2         69.2	45.5 67.0 0.0 45.3 66.8 0.0 50 65.6 0.1	68.9 42.7 67.1 0.0 69. 68.9 42.6 67.0 0.0 68. 68.7 42.4 66.8 0.0 68. 68.7 42.4 65.8 0.0 68.	J         45.6         67.1         0.0         6           9         45.5         67.0         0.0         6           7         45.3         66.8         0.0         6           4         5.05         65.6         0.1         6	99.0         42.5         57.1         0.0         69.0           58.9         42.5         67.0         0.0         68.9           58.7         42.3         66.8         0.0         68.7           58.4         49         65.6         0.1         68.7
060A 002.0G 2 060A 66.8 060A 003.0G 3 060A 67.2 060A 004.0G 4 060A 67.2	69.6 58.7 6 70.0 59.3 6 70.1 60.1 6	7.4 0.6 70.2 59.5 7.9 0.7 70.7 59.9 81 0.8 70.9 60.6	67.5 0.7 67.9 0.7 68.1 0.8	70.3 60.6 70.7 59.8 70.9 60.6	67.7 0.9 70.5 67.9 0.7 70.7 68.1 0.8 70.9	61.2 67.9 1.1 59.3 67.9 0.7 58.6 67.8 0.5	70.7 70.7 70.6	60.5 67.7 0.9 70 59.7 67.9 0.7 70 58.9 67.9 0.6 70	5 61.1 67.8 7 60.6 68.1 7 60.1 68.1	1.0 70.6 0.9 70.9 0.8 70.9	55.1 67.1 0.3 54.5 67.4 0.2 54.5 67.5 0.2	69.9 57.5 67.3 0.5 70.2 57.6 67.7 0.5 70.3 57.9 67.8 0.5	70.1         58.2         67.4         0.6         70.2           70.5         58.7         67.8         0.6         70.6           70.6         58.3         67.8         0.6         70.6	57.1         67.2         0.4         70.0           57.5         67.6         0.4         70.4           58.1         67.8         0.5         70.6	51.1 66.9 0.1 51.4 67.3 0.1 51.4 67.4 0.1	69.7 48.4 66.9 0.1 69. 70.1 48.6 67.3 0.1 70. 70.2 48.7 67.4 0.1 70.	51.6         66.9         0.1         6           1         51.8         67.3         0.1         7           2         51.9         67.4         0.1         7	isi         48.9         66.9         0.1         69.7           70.1         49.1         67.3         0.1         70.1           70.2         49.1         67.4         0.1         70.2
060A 005.0G 5 060A 67.3 060A 006.0G 6 060A 67.2 060A 007.0G 7 060A 67.2	70.1 63.5 0 70.0 62.1 0 69.8 63.7 0	38.8         1.5         71.6         61.3           38.4         1.2         71.2         62.5           38.7         1.7         71.5         63.4	68.3 1.0 68.5 1.3 68.6 1.6	71.1 61.1 71.3 62.4 71.4 63.4	68.2 0.9 71.0 68.4 1.2 71.2 68.6 1.6 71.4	58.6 67.8 0.5 53.6 67.4 0.2 53.5 67.2 0.2	70.6 70.2 70.0	58.9         67.9         0.6         70           55.1         67.5         0.3         70           55.3         67.3         0.3         70	7 60.1 68.1 3 54.9 67.4 1 55.1 67.3	0.8 70.9 0.2 70.2 0.3 70.1	54.5 67.5 0.2 48.3 67.3 0.1 51 67.1 0.1	70.3 58 67.8 0.5 70.1 55.2 67.5 0.3 69.9 56 67.3 0.3	70.6         58.6         67.8         0.5         70.6           70.3         59.2         67.8         0.6         70.6           70.1         59.9         67.8         0.8         70.6	56.5         67.6         0.3         70.4           57         67.6         0.4         70.4           58         67.5         0.5         70.3	51.4 67.4 0.1 51.5 67.3 0.1 52.2 67.1 0.1	70.2         48.7         67.4         0.1         70.           70.1         48.9         67.3         0.1         70.           69.9         50.3         67.1         0.1         69.	2 51.9 67.4 0.1 7 1 52 67.3 0.1 7 9 52.9 67.2 0.2 7	70.2         49.1         67.4         0.1         70.2           70.1         49.2         67.3         0.1         70.1           70.0         49.6         67.1         0.1         69.9
060A 008.0G 8 060A 66.9 060A 009.0G 9 060A 66.7 060A 010.0G 10 060A 66.4	69.7 63.3 6 69.5 64.3 6 69.2 62.7 6	38.5         1.6         71.3         63.6           38.7         2.0         71.5         63.7           57.9         1.5         70.7         63.4	68.6 1.7 68.5 1.8 68.2 1.8	71.4 64.6 71.3 63.8 71.0 62.7	68.9 2.0 71.7 68.5 1.8 71.3 67.9 1.5 70.7	56 67.2 0.3 56 67.1 0.4 55.9 66.8 0.4	70.0 69.9 69.6	57.1         67.3         0.4         70           57.1         67.2         0.5         70           57.1         66.9         0.5         65	1 56.7 67.3 0 56.6 67.1 7 56.6 66.8	0.4 70.1 0.4 69.9 0.4 69.6	50.9 67.0 0.1 50.8 66.8 0.1 50.7 66.5 0.1	69.8 56.9 67.3 0.4 69.6 57 67.1 0.4 69.3 57.1 66.9 0.5	70.1         60.5         67.8         0.9         70.6           69.9         60.4         67.6         0.9         70.4           69.7         60         67.3         0.9         70.1	58.1         67.4         0.5         70.2           57.5         67.2         0.5         70.0           57.1         66.9         0.5         69.7	53.1 67.1 0.2 51.6 66.8 0.1 53.5 66.6 0.2	69.9 51.4 67.0 0.1 69. 69.6 51 66.8 0.1 69. 69.4 53.7 66.6 0.2 69.	3         53.9         67.1         0.2         6           5         52.3         66.9         0.2         6           4         54.4         66.7         0.3         6	59.9         50.6         67.0         0.1         69.8           59.7         46.7         66.7         0.0         69.5           59.5         46.6         66.4         0.0         69.2
060A 011.OG 11 060A 66.2 060A 012.OG 12 060A 66.0 060A 013.OG 13 060A 65.8	69.0 60.9 6 68.8 61.3 6 68.6 61.9 6	57.3         1.1         70.1         61.8           57.3         1.3         70.1         63.3           57.3         1.5         70.1         63.3	67.5 1.3 67.9 1.9 67.7 1.9	70.3 60.9 70.7 61.3 70.5 61.2	67.3 1.1 70.1 67.3 1.3 70.1 67.1 1.3 69.9	55.8         66.6         0.4           54.1         66.3         0.3           54         66.1         0.3	69.4 69.1 68.9	57.1         66.7         0.5         66           53.2         66.2         0.2         66           53.2         66.0         0.2         66	5 56.6 66.7 0 53.1 66.2 8 53 66.0	0.5 69.5 0.2 69.0 0.2 68.8	50.6         66.3         0.1           50.3         66.1         0.1           49.8         65.9         0.1	69.1         51.7         66.4         0.2           68.9         52         66.2         0.2           68.7         52.1         66.0         0.2	69.2         54.7         66.5         0.3         69.3           69.0         54.9         66.3         0.3         69.1           68.8         55.3         66.2         0.4         69.0	52.2         66.4         0.2         69.2           52.2         66.2         0.2         69.0           53         66.0         0.2         68.8	53.6         66.4         0.2           53.6         66.2         0.2           52.9         66.0         0.2	69.2         53.8         66.4         0.2         69.           69.0         53.9         66.3         0.3         69.           68.8         52         66.0         0.2         68.	2         54.5         66.5         0.3         6           1         54.5         66.3         0.3         6           3         52.9         66.0         0.2         6	59.3         46.4         66.2         0.0         69.0           59.1         46.1         66.0         0.0         68.8           58.8         45.6         65.8         0.0         68.6
060A 014.OG 14 060A 65.6 060A 015.OG 15 060A 65.3 060A 016.OG 16 060A 65.0	68.4 61.9 6 68.1 60.5 6 67.8 58.1 6	57.1         1.5         69.9         63.1           56.5         1.2         69.3         59.5           55.8         0.8         68.6         56.5	67.5 1.9 66.3 1.0 65.6 0.6	70.3 60.9 69.1 58.9 68.4 55.7	66.9         1.3         69.7           66.2         0.9         69.0           65.5         0.5         68.3	53.9 65.9 0.3 53.8 65.6 0.3 47.7 65.1 0.1	68.7 68.4 67.9	53.1         65.8         0.2         68           53.1         65.6         0.3         68           45.8         65.1         0.1         65	6 52.9 65.8 4 52.8 65.5 9 48.1 65.1	0.2 68.6 0.2 68.3 0.1 67.9	49.6         65.7         0.1           49.6         65.4         0.1           44.9         65.0         0.0	68.5         51.4         65.8         0.2           68.2         52.8         65.5         0.2           67.8         53.5         65.3         0.3	68.6         55.1         66.0         0.4         68.8           68.3         56.1         65.8         0.5         68.6           68.1         56.6         65.6         0.6         68.4	53         65.8         0.2         68.6           54.7         65.7         0.4         68.5           55         65.4         0.4         68.2	49.9 65.7 0.1 51.2 65.5 0.2 52 65.2 0.2	68.5         49.7         65.7         0.1         68.           68.3         50         65.4         0.1         68.           68.0         51.2         65.2         0.2         68.	5 50 65.7 0.1 6 2 51.2 65.5 0.2 6 0 52.2 65.2 0.2 6	58.5         45.4         65.6         0.0         68.4           58.3         48         65.4         0.1         68.2           58.0         47.8         65.1         0.1         67.9
060A 017.0G 17 060A 64.7 060A 018.0G 18 060A 64.3 060A 019.0G 19 060A 64.1	67.5 56.7 0 67.1 56.6 0 66.9 56.5 0	55.3         0.6         68.1         56.6           55.0         0.7         67.8         56.5           54.8         0.7         67.6         55.8	65.3 0.6 65.0 0.7 64.7 0.6	68.1 56 67.8 55.9 67.5 55.5	65.2         0.5         68.0           64.9         0.6         67.7           64.7         0.6         67.5	47.5 64.8 0.1 47 64.4 0.1 46.8 64.2 0.1	67.6 67.2 67.0	45.6 64.8 0.1 65 45.2 64.4 0.1 65 45 64.2 0.1 65	.6         47.9         64.8           .2         47.5         64.4           .0         47.3         64.2	0.1 67.6 0.1 67.2 0.1 67.0	44.6         64.7         0.0           44.2         64.3         0.0           44         64.1         0.0	67.5         53.5         65.0         0.3           67.1         53.4         64.6         0.3           66.9         52.8         64.4         0.3	67.8         56.8         65.4         0.7         68.2           67.4         56.7         65.0         0.7         67.8           67.2         56.3         64.8         0.7         67.6	55.2         65.2         0.5         68.0           55.1         64.8         0.5         67.6           54.8         64.6         0.5         67.4	52.4         64.9         0.2           52.2         64.6         0.3           52.1         64.4         0.3	67.7         51.6         64.9         0.2         67.           67.4         51.5         64.5         0.2         67.           67.2         51.4         64.3         0.2         67.	7         52.4         64.9         0.2         6           3         52.2         64.6         0.3         6           1         52.1         64.4         0.3         6	57.7         47.7         64.8         0.1         67.6           57.4         47.5         64.4         0.1         67.2           57.2         47.3         64.2         0.1         67.0
060A 020.0G 20 060A 63.9 060A 021.0G 21 060A 63.7 060A 022.0G 22 060A 63.5	66.7 56.4 6 66.5 56.3 6 66.3 55 6	64.6         0.7         67.4         55.7           54.4         0.7         67.2         54.8           54.1         0.6         66.9         54.7	64.5 0.6 64.2 0.5 64.0 0.5	67.3 55.4 67.0 55 66.8 54.5	64.5         0.6         67.3           64.2         0.5         67.0           64.0         0.5         66.8	46.6 64.0 0.1 46.4 63.8 0.1 46.2 63.6 0.1	66.8 66.6 66.4	44.9         64.0         0.1         66           44.7         63.8         0.1         66           44.6         63.6         0.1         66	.8 47.1 64.0 .6 46.9 63.8 .4 46.8 63.6	0.1 66.8 0.1 66.6 0.1 66.4	43.8         63.9         0.0           43.6         63.7         0.0           43.4         63.5         0.0	66.7         52.3         64.2         0.3           66.5         51.5         64.0         0.3           66.3         49.2         63.7         0.2	67.0         56         64.6         0.7         67.4           66.8         55.3         64.3         0.6         67.1           66.5         53.8         63.9         0.4         66.7	54.5         64.4         0.5         67.2           53.5         64.1         0.4         66.9           52.7         63.8         0.3         66.6	52         64.2         0.3           51.9         64.0         0.3           50.7         63.7         0.2	67.0         51.3         64.1         0.2         66.           66.8         51.2         63.9         0.2         66.           66.5         47         63.6         0.1         66.	9         52         64.2         0.3         6           7         51.9         64.0         0.3         6           4         48.6         63.6         0.1         6	57.0         47.2         64.0         0.1         66.8           56.8         47.1         63.8         0.1         66.6           56.4         47         63.6         0.1         66.4
060A 023.0G 23 060A 63.4 060A 024.0G 24 060A 63.2 060A 025.0G 25 060A 63.1	66.2 52.5 6 66.0 52.4 6 65.9 52.3 6	33.7         0.3         66.5         53.9           33.5         0.3         66.3         53.8           33.4         0.3         66.2         53.7	63.9 0.5 63.7 0.5 63.6 0.5	66.7 53.2 66.5 53 66.4 52.9	63.8 0.4 66.6 63.6 0.4 66.4 63.5 0.4 66.3	46 63.5 0.1 45.9 63.3 0.1 45.8 63.2 0.1	66.3 66.1 66.0	44.4         63.5         0.1         66           44.3         63.3         0.1         66           44.2         63.2         0.1         66	.3 46.6 63.5 .1 46.5 63.3 .0 46.4 63.2	0.1 66.3 0.1 66.1 0.1 66.0	43.3 63.4 0.0 43.1 63.2 0.0 43 63.1 0.0	66.2         48.9         63.6         0.2           66.0         46.9         63.3         0.1           65.9         46.8         63.2         0.1	66.4         53.1         63.8         0.4         66.6           66.1         50.9         63.4         0.2         66.2           66.0         50.8         63.3         0.2         66.1	51.8 63.7 0.3 66.5 48.7 63.4 0.2 66.2 48.6 63.3 0.2 66.1	48.5 63.5 0.1 46 63.3 0.1 45.9 63.2 0.1	66.3         43.1         63.4         0.0         66.           66.1         43         63.2         0.0         66.           66.0         42.9         63.1         0.0         65.	2         48.5         63.5         0.1         6           0         46         63.3         0.1         6           9         45.8         63.2         0.1         6	36.3         46.9         63.5         0.1         66.3           36.1         42.9         63.2         0.0         66.0           36.0         42.8         63.1         0.0         65.9
060A 026.0G 26 060A 63.0 060A 027.0G 27 060A 63.0 060A 028.0G 28 060A 63.0	65.8 52.2 6 65.8 52.1 6 65.8 51.9 6	33.3         0.3         66.1         53.6           33.3         0.3         66.1         53.4           33.3         0.3         66.1         53.3	63.5 0.5 63.4 0.5 63.4 0.4	66.3 52.8 66.2 52.7 66.2 52.6	63.4 0.4 66.2 63.3 0.4 66.1 63.3 0.4 66.1	45.6 63.1 0.1 45.5 63.0 0.1 45.3 63.0 0.1	65.9 65.8 65.8	44.1         63.1         0.1         65           43.9         63.0         0.1         65           43.8         63.0         0.1         65	.9 46.2 63.1 .8 46.1 63.0 .8 45.9 63.0	0.1 65.9 0.1 65.8 0.1 65.8	42.8         63.0         0.0           42.7         63.0         0.0           42.5         63.0         0.0	65.8         46.6         63.1         0.1           65.8         46.5         63.0         0.1           65.8         46.4         63.0         0.1	65.9         50.7         63.2         0.2         66.0           65.8         51.1         63.2         0.3         66.0           65.8         51         63.2         0.3         66.0	49.4         63.2         0.2         66.0           49.3         63.1         0.2         65.9           49.1         63.1         0.2         65.9	45.8 63.1 0.1 45.7 63.0 0.1 45.6 63.0 0.1	65.9         42.8         63.0         0.0         65.           65.8         42.7         63.0         0.0         65.           65.8         42.6         63.0         0.0         65.	3         45.7         63.1         0.1         6           3         45.6         63.0         0.1         6           3         45.5         63.0         0.1         6	55.9         42.7         63.0         0.0         65.8           55.8         42.5         63.0         0.0         65.8           55.8         42.4         63.0         0.0         65.8
060A 029.OG 29 060A 63.0 060A 030.OG 30 060A 63.0 060A 031.OG 31 060A 63.0	65.8 51.8 6 65.8 51.7 6 65.8 51.6 6	33.3         0.3         66.1         53.2           33.3         0.3         66.1         53           33.3         0.3         66.1         53           33.3         0.3         66.1         52	63.4 0.4 63.4 0.4 63.4 0.4	66.2 52.4 66.2 52.3 66.2 52.2	63.3 0.4 66.1 63.3 0.4 66.1 63.3 0.4 66.1	45.2 63.0 0.1 44.9 63.0 0.1 44.8 63.0 0.1	65.8 65.8 65.8	43.7         63.0         0.1         65           43.5         63.0         0.0         65           43.3         63.0         0.0         65	.8 45.8 63.0 .8 45.5 63.0 .8 45.4 63.0	0.1 65.8 0.1 65.8 0.1 65.8	42.3 63.0 0.0 42.1 63.0 0.0 41.9 63.0 0.0	65.8 46.2 63.0 0.1 65.8 46 63.0 0.1 65.8 45.9 63.0 0.1	65.8         50.9         63.2         0.3         66.0           65.8         51.3         63.2         0.3         66.0           65.8         51.2         63.2         0.3         66.0           65.8         51.2         63.2         0.3         66.0	49         63.1         0.2         65.9           48.9         63.1         0.2         65.9           48.8         63.1         0.2         65.9           48.8         63.1         0.2         65.9	45.4 63.0 0.1 45.3 63.0 0.1 45.2 63.0 0.1	65.8         42.4         63.0         0.0         65.           65.8         42.2         63.0         0.0         65.           65.8         42.1         63.0         0.0         65.           65.8         42.1         63.0         0.0         65.	3         45.4         63.0         0.1         6           3         45.2         63.0         0.1         6           3         45.1         63.0         0.1         6	55.8         42.3         63.0         0.0         65.8           55.8         42.1         63.0         0.0         65.8           55.8         42.1         63.0         0.0         65.8           55.8         42         63.0         0.0         65.8
060A 032.0G 32 060A 63.0 060B 004.0G 4 060B 63.0 060B 005.0G 5 060B 65.1	65.8 51.4 6 65.8 60.3 6 67.9 63.9 6	33.2         0.3         66.0         52.7           54.8         1.9         67.6         60           57.6         2.5         70.4         64.3	63.3 0.4 64.7 1.8 67.7 2.6	66.1 52 67.5 61.5 70.5 65.7	63.3 0.3 66.1 65.3 2.3 68.1 68.4 3.3 YES 71.2	44.6 63.0 0.1 67.1 68.5 5.6 YES 67.1 69.2 4.1 YES	65.8 71.3 72.0	43.2         63.0         0.0         65           65.1         67.2         4.2         YES         70           65.1         68.1         3.0         YES         70	45.2 63.0 65.1 67.2 9 65.2 68.2	0.1 65.8 4.2 YES 70.0 3.1 YES 71.0	41.8 63.0 0.0 58.3 64.2 1.3 58.5 66.0 0.9	65.8 45.8 63.0 0.1 67.0 46.2 63.0 0.1 68.8 47.7 65.2 0.1	65.8         51.1         63.2         0.3         66.0           65.8         50.2         63.2         0.2         66.0           68.0         51.6         65.3         0.2         68.1	48.6 63.1 0.2 65.9 45.2 63.0 0.1 65.8 47.3 65.2 0.1 68.0	45 63.0 0.1 45.5 63.0 0.1 47.2 65.2 0.1	65.8         42         63.0         0.0         65.           65.8         42.7         63.0         0.0         65.           68.0         44.3         65.1         0.0         67.	3         45         63.0         0.1         6           3         45.6         63.0         0.1         6           3         45.6         63.0         0.1         6           9         47.3         65.2         0.1         6	55.8         41.9         63.0         0.0         65.8           55.8         42.5         63.0         0.0         65.8           58.0         44.2         65.1         0.0         67.9
0608 006.0G 6 0608 65.4 0608 007.0G 7 0608 65.8 0608 008.0G 8 0608 66.4	68.2 64.7 6 68.6 65.3 6 69.2 65.2 6	38.1         2.7         70.9         67.8           38.6         2.8         71.4         70.8           38.9         2.5         71.7         71.9	69.8 4.4 72.0 6.2 73.0 6.6	YES 72.6 66.1 YES 74.8 67.3 YES 75.8 67.2	68.8 3.4 YES 71.6 69.6 3.8 YES 72.4 69.8 3.4 YES 72.4	67.1 69.3 3.9 YES 67.1 69.5 3.7 YES 67.1 69.8 3.4 YES 67.1 69.8 3.4 YES	72.1 72.3 72.6	65.1 68.3 2.9 71 65.1 68.5 2.7 71 65.1 68.8 2.4 71 65.1 68.8 2.4 71	.1 65.2 68.3 .3 65.2 68.5 .6 65.2 68.9	2.9 71.1 2.7 71.3 2.5 71.7	58.6 66.2 0.8 58.7 66.6 0.8 58.8 67.1 0.7	69.0         48.1         65.5         0.1           69.4         48.4         65.9         0.1           69.9         48.7         66.5         0.1	68.3         52.1         65.6         0.2         68.4           68.7         52.3         66.0         0.2         68.8           69.3         52.7         66.6         0.2         69.4	47.6 65.5 0.1 68.3 47.9 65.9 0.1 68.7 48.4 66.5 0.1 69.3	47.6 65.5 0.1 47.9 65.9 0.1 48.3 66.5 0.1	68.3         44.7         65.4         0.0         68.           68.7         45.1         65.8         0.0         68.           69.3         45.4         66.4         0.0         69.	2         47.7         65.5         0.1         6           5         48         65.9         0.1         6           2         48.4         66.5         0.1         6           2         48.4         66.5         0.1         6	38.3         44.6         65.4         0.0         68.2           38.7         44.9         65.8         0.0         68.6           59.3         45.3         66.4         0.0         69.2
0608 009.0G 90608 67.0 0608 010.0G 10 0608 66.8 0608 011.0G 11 0608 66.6	69.6 64.9 6 69.4 64.8 6	39.2         2.2         72.0         69.3           39.0         2.2         71.8         69.6           58.8         2.2         71.6         68.7	71.3 4.3 71.4 4.6 70.8 4.2	YES 74.1 66.1 YES 74.2 66.2 YES 73.6 66.5	69.6 2.6 72.4 69.5 2.7 72.3 69.6 3.0 72.4	66.9 69.9 3.1 YES 66.9 69.8 3.2 YES	72.8	65 69.1 2.1 71 64.9 69.0 2.2 71 64.9 68.8 2.2 71	.9 65.2 69.2 .8 65.2 69.1 .6 65.1 68.9	2.2 72.0 2.3 71.9 2.3 71.7	58.7 67.4 0.6 58.7 67.3 0.7	70.4 49.1 67.1 0.1 70.2 49.1 66.9 0.1 70.1 49.1 66.7 0.1	b9.9         53         b7.2         0.2         70.0           69.7         53         67.0         0.2         69.8           69.5         53         66.8         0.2         69.6	48.8         66.9         0.1         69.9           48.8         66.9         0.1         69.7           48.7         66.7         0.1         69.5	48.7 67.1 0.1 48.7 66.9 0.1 48.7 66.7 0.1	69.9         43.8         67.0         0.0         69.7           69.7         45.8         66.8         0.0         69.           69.5         45.8         66.6         0.0         69.	5 48.7 67.1 0.1 6 5 48.8 66.9 0.1 6 4 48.7 66.7 0.1 6	99.9         45.7         67.0         0.0         69.8           59.7         45.7         66.8         0.0         69.6           59.5         45.7         66.6         0.0         69.4
0608 012.0G 12 0608 66.3 0608 013.0G 13 0608 66.2 0608 014.0G 14 0608 66.1	69.0 64.5 6 68.9 64.3 6	71.3         71.3         68.7           58.4         2.2         71.2         68.8           58.3         2.2         71.1         68.9	70.7 4.2 70.7 4.5 70.7 4.6	YES 73.5 66.6 YES 73.5 66.2	69.6         3.1         123         72.4           69.4         3.2         YES         72.2           69.2         3.1         YES         72.0           600.0         2.1         YES         72.0	66.5 69.3 3.2 YES 66.4 60.2 3.2 YES	72.2 72.1	64.5 68.5 2.3 71 64.5 68.4 2.3 71 64.4 69.2 2.3 71	.3 65 68.7 .2 64.9 68.6	2.4 71.7 2.5 71.5 2.5 71.4 2.5 71.4	58.7 66.9 0.7 58.6 66.8 0.7	70.0         49         66.8         0.1           69.7         49         66.3         0.1           69.6         48.9         66.2         0.1	69.1         52.9         66.4         0.2         69.2           69.0         52.9         66.3         0.2         69.1	48.5 66.3 0.1 69.1 48.4 66.2 0.1 69.0 48.4 66.2 0.1 69.0	48.7 00.0 0.1 48.6 66.3 0.1 48.6 66.2 0.1	69.4 43.7 66.3 0.0 69. 69.1 45.7 66.2 0.0 69. 69.0 45.7 66.1 0.0 68.	48.7         66.3         0.1         6           0         48.7         66.3         0.1         6           9         48.6         66.2         0.1         6           9         48.6         66.2         0.1         6	45.7         66.3         0.0         65.3           59.1         45.6         66.2         0.0         69.0           59.0         45.6         66.1         0.0         68.9
0608 013.0G 13 0608 65.7 0608 016.0G 16 0608 65.7 0608 017.0G 17 0608 65.6 0608 017.0G 17 0608 65.6	68.5 63.9 6 68.4 63.8 6 68.2 63.6 4	36.1         2.2         70.5         88.8           57.9         2.2         70.7         68.6           57.8         2.2         70.6         68.4           57.7         2.2         70.6         68.4	70.4 4.7 70.2 4.6 70.1 4.6	YES 73.2 65.9 YES 73.0 65.7	68.8 3.1 YES 71.6 68.7 3.1 YES 71.6 68.7 3.1 YES 71.6	66.3 69.0 3.3 YES 66.1 68.9 3.3 YES 66.1 68.9 3.3 YES	71.8	64.3 68.1 2.4 70 64.1 67.9 2.3 70 64.4 67.9 2.3 70	19 64.7 68.2 17 64.6 68.1	2.5 71.0 2.5 70.9 2.5 70.9	58.3 66.4 0.7 58.4 66.3 0.7 58.3 66.3 0.7	69.2 48.8 65.8 0.1 69.1 48.8 65.7 0.1 69.0 48.7 65.6 0.1	bb.8         52.8         bb.1         0.2         bb.3           68.6         52.8         65.9         0.2         68.7           68.5         52.7         65.8         0.2         68.6           68.4         52.7         65.8         0.2         68.6	48.1 65.8 0.1 68.6 48.6 65.7 0.1 68.5 47.9 65.6 0.1 68.5	48.5 65.8 0.1 48.4 65.7 0.1	68.8         43.6         63.5         0.0         66.           68.6         45.5         65.7         0.0         68.           68.5         45.5         65.6         0.0         68.           68.4         45.5         65.6         0.0         68.	48.6         66.0         0.1         6           5         48.5         65.8         0.1         6           4         48.5         65.7         0.1         6           4         48.4         65.6         0.1         6	38.8         43.5         65.7         0.0         68.7           58.6         45.5         65.7         0.0         68.5           58.5         45.4         65.6         0.0         68.4           58.4         45.4         65.6         0.0         68.4
0608 019.0G 19 0608 65.2 0608 020.0G 20 0608 65.1 0608 020.0G 21 0608 65.1	68.0 63.4 6 67.9 63.2 6 67.7 62 6	77.1         70.2         68.2           57.4         2.2         70.2         68           57.3         2.2         70.1         67.8           57.1         2.2         70.1         67.8	69.8 4.6 69.7 4.6	YES 72.6 65.3 YES 72.5 65.1	68.3 3.1 YES 71.1 68.1 3.0 YES 70.9 67.6 2.7 20.4	65.8 68.5 3.3 YES 65.6 68.4 3.3 YES 65.5 662 2.2 25	71.3 71.2 71.0	63.8 67.6 2.4 70 63.7 67.5 2.4 70 63.7 67.5 2.4 70	14 64.3 67.8 13 64.2 67.7	2.6 70.6 2.6 70.5 2.6 70.3	58.1 66.0 0.8 58 65.9 0.8	68.8 48.7 65.3 0.1 68.8 48.8 65.2 0.1 68.7 48.8 65.2 0.1	68.1         52.7         65.4         0.2         68.2           68.0         53.5         65.4         0.3         68.2           67.8         52.4         65.2         68.2	47.7 65.3 0.1 68.1 49.3 65.2 0.1 68.0 49.3 65.2 0.1 68.0	48.4 65.3 0.1 48.3 65.2 0.1	68.1         45.4         65.2         0.0         68.           68.0         45.4         65.1         0.0         67.           67.         67.         67.         67.         67.	5 - 40.4 - 65.0 - 0.1 - 60.0 - 0.0	45.4         65.2         0.0         68.0           58.1         45.4         65.2         0.0         68.0           58.0         45.3         65.1         0.0         67.9           57.8         45.2         64.9         0.0         67.7
0608 022.0G 22 0608 64.8 0608 023.0G 23 0608 64.7 0608 023.0G 23 0608 64.7	67.6 62.8 6 67.5 62.6 6 67.4 62.4 4	6.9 2.1 69.7 67.2 66.8 2.1 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69	69.2 4.4 69.0 4.3 68.8 4.2	YES 72.0 63.8 YES 71.8 63.6 YES 71.6 63.4	67.3 2.5 70.1 67.2 2.5 70.0 67.1 2.5 60.0	65.3 68.1 3.3 YES 65.1 67.9 3.2 YES 65.2 67.9 3.3 YES	70.9 70.7 70.7	63.3         67.1         2.3         67           63.2         67.0         2.3         69           63.5         67.1         2.5         64	63.9 67.4 63.9 67.4 63.7 67.2 63.9 67.2	2.6 70.2 2.5 70.0 2.7 70.1	57.7 65.6 0.8 57.6 65.5 0.8 57.4 65.4 0.8	68.4         48.8         64.9         0.1           68.3         49.3         64.8         0.1           68.2         49.2         64.7         0.1	67.7         53.6         65.1         0.3         67.9           67.6         54.2         65.1         0.4         67.9           67.5         54.2         65.0         0.4         67.9	49.2         64.9         0.1         67.7           50.2         64.9         0.2         67.7           50.1         64.8         0.2         67.7	48.3 64.9 0.1 48.3 64.8 0.1 48.2 64.7 0.1	67.7         45.4         64.8         0.0         67.           67.6         45.3         64.7         0.0         67.           67.5         45.3         64.7         0.1         67.	5 48.3 64.9 0.1 6 5 48.3 64.8 0.1 6 5 48.3 64.7 0.1 6	57.7         45.3         64.8         0.0         67.6           57.6         45.3         64.7         0.0         67.5           57.5         45.2         64.6         0.0         67.4
0608 025.0G 25 0608 63.0 0608 025.0G 26 0608 63.0 0608 025.0G 26 0608 63.0	65.8 46 6 65.8 47.9 6 65.8 51.2	3.0 0.1 65.8 47.5 3.1 0.1 65.9 48.7 3.2 0.3 66.0 50.6	63.1 0.1 63.1 0.2 63.2 0.2	65.9 45.1 65.9 46.3 66.0 48.4	63.0 0.1 65.8 63.0 0.1 65.8 63.1 0.1 65.8	63.5 66.2 3.3 YES 63.7 66.4 3.4 YES 63.6 66.3 3.3 YES	69.0 69.2 69.1	61.7 65.4 2.4 65 62.1 65.6 2.6 65 62.1 65.6 2.6 65	12 61.5 65.3 14 62.2 65.6 14 62.2 65.6	2.3 68.1 2.7 68.4 2.7 68.4	54.9 63.6 0.6 56 63.7 0.8 56.1 63.8 0.8	66.4         45.9         63.0         0.1           66.5         48         63.1         0.1           66.6         50         63.2         0.2	65.8         50.6         63.2         0.2         66.0           65.9         53.3         63.4         0.4         66.2           66.0         56.4         63.8         0.9         66.6	45.1 63.0 0.1 65.8 49 63.1 0.2 65.9 52.6 63.3 0.4 64.1	47.6 63.1 0.1 47.8 63.1 0.1 48 63.1 0.1	65.9         41.8         63.0         0.0         65.           65.9         41.8         63.0         0.0         65.           65.9         42.3         63.0         0.0         65.	3         46.5         63.0         0.1         6           3         46.8         63.1         0.1         6           3         47.2         63.1         0.1         6	55.8         41.1         63.0         0.0         65.8           55.9         41.7         63.0         0.0         65.8           55.9         42.2         63.0         0.0         65.8
0608 028.0G 28 0608 63.0 0608 029.0G 29 0608 63.0 0608 029.0G 29 0608 63.0	65.8 53.8 6 65.8 55.9 6 65.8 57.7 4	33.4         0.5         66.2         53.5           33.7         0.8         66.5         56.6           54.1         1.1         66.9         58.8	63.4 0.5 63.9 0.9 64.4 1.4	66.2 51.2 66.7 55 67.2 57	63.2 0.3 66.0 63.6 0.6 66.4 63.9 1.0 66.7	63.5 66.2 3.3 YES 63.5 66.2 3.3 YES 63.6 66.3 3.3 YES	69.0 69.0 69.1	62.3         65.6         2.7         68           62.2         65.6         2.7         68           62.2         65.6         2.7         68           62         65.5         2.6         64	4 62.4 65.7 4 62.4 65.7 3 62.3 65.6	2.7 68.5 2.7 68.5 2.7 68.4	56.2 63.8 0.8 56.5 63.8 0.9 56.4 63.8 0.9	66.6         51.1         63.2         0.3           66.6         51.4         63.2         0.3           66.6         51.4         63.3         0.3	66.0         58.4         64.3         1.3         67.1           66.0         58.9         64.4         1.4         67.2           66.1         59.1         64.4         1.5         67.7	54.8         63.6         0.6         66.4           55.2         63.6         0.7         66.4           55.7         63.7         0.7         66.4	48.2 63.1 0.1 48.3 63.1 0.1 48.4 63.1 0.1	65.9         42.7         63.0         0.0         65.           65.9         43.1         63.0         0.0         65.           65.9         43.2         63.0         0.0         65.		55.9         42.6         63.0         0.0         65.8           55.9         43         63.0         0.0         65.8           55.9         43.2         63.0         0.0         65.8
0608 031.0G 31 0608 63.0 0608 032.0G 32 0608 63.0 060C 001.0G 1 060C 63.0	65.8 60.8 6 65.8 60.6 6 65.8 53.9 4	55.0 2.1 67.8 60.5 54.9 2.0 67.7 61.9 53.5 0.5 66.3 67.7	64.9 2.0 65.5 2.5 63.5 0.6	67.7 59.5 68.3 60.4 66.3 54.1	64.6         1.6         67.7           63.5         0.5         44.9	63.4 66.2 3.2 YES 63.3 66.1 3.2 YES 55.8 63.7 0.8	69.0 68.9 68.9	61.9         65.5         2.5         668           61.8         65.4         2.5         668           55.8         63.7         0.8         644	3         62.1         65.6           42         62         65.5           5         57.2         64.0	2.6 68.4 2.6 68.3 1.0 66.8	56.3 63.8 0.9 56.1 63.8 0.8 51.5 63.3 0.3	66.6 52.1 63.3 0.3 66.6 52.4 63.3 0.4 66.1 42.9 63.0 0.0	66.1         59.6         64.6         1.7         67.4           66.1         59.9         64.7         1.7         67.5           65.8         46.8         63.1         0.1         \$	56.6         63.9         0.9         66.7           56.9         63.9         1.0         66.7           44.5         63.0         0.1         42.0	48.4 63.1 0.1 48.4 63.1 0.1 40.8 63.0 0.0	65.9 43.4 63.0 0.0 65. 65.9 43.5 63.0 0.0 65. 65.8 38.1 63.0 0.0 65.	3         47.9         63.1         0.1         6           3         48         63.1         0.1         6           3         41         63.0         0.0         4	55.9         43.3         63.0         0.0         65.8           55.9         43.4         63.0         0.0         65.8           55.8         38         63.0         0.0         65.8
060C 002.0G 2 060C 63.0 060C 003.0G 3 060C 63.0 060C 004.0G 4 060C 63.0	65.8 54.4 0 65.8 54.8 0 65.8 55.2 0	53.5         0.6         66.3         54.9           53.6         0.6         66.4         55.3           53.6         0.7         66.4         55.5	63.6 0.6 63.6 0.7 63.7 0.7	66.4 54.6 66.4 55 66.5 55.3	63.5 0.6 66.3 63.6 0.6 66.4 63.6 0.7 66.4	54.8         63.6         0.6           54.8         63.6         0.6           54.8         63.6         0.6	66.4 66.4 66.4	54.8         63.6         0.6         66           54.8         63.6         0.6         66           54.9         63.6         0.6         66	4 56.1 63.8 4 56.1 63.8 4 56.2 63.8	0.8 66.6 0.8 66.6 0.8 66.6	50.5         63.2         0.2           50.6         63.2         0.2           50.6         63.2         0.2	66.0         43.8         63.0         0.1           66.0         47.6         63.1         0.1           66.0         48         63.1         0.1	65.8         47.6         63.1         0.1         65.9           65.9         50.2         63.2         0.2         66.0           65.9         50.6         63.2         0.2         66.0	45.4         63.0         0.1         65.8           48.9         63.1         0.2         65.9           49.1         63.1         0.2         65.9	41.7 63.0 0.0 42.5 63.0 0.0 43.1 63.0 0.0	65.8         39         63.0         0.0         65.           65.8         39.8         63.0         0.0         65.           65.8         40.3         63.0         0.0         65.	3         41.9         63.0         0.0         6           3         42.7         63.0         0.0         6           3         43.3         63.0         0.0         6	55.8         38.9         63.0         0.0         65.8           55.8         39.7         63.0         0.0         65.8           55.8         40.2         63.0         0.0         65.8
060C 005.0G 5 060C 63.0 060C 006.0G 6 060C 63.0 060C 007.0G 7 060C 63.0	65.8 57.3 6 65.8 55.8 6 65.8 58.5 6	54.0         1.0         66.8         58.3           53.7         0.8         66.5         56.1           54.3         1.3         67.1         56.3	64.2 1.3 63.8 0.8 63.8 0.9	67.0 55.4 66.6 58.3 66.6 56	63.7         0.7         66.5           64.2         1.3         67.0           63.7         0.8         66.5	54.6         63.5         0.6           54.6         63.5         0.6           44.1         63.0         0.1	66.3 66.3 65.8	55         63.6         0.6         66           54.9         63.6         0.6         66           41.6         63.0         0.0         65	4 54.7 63.6 4 54.8 63.6 .8 44.2 63.0	0.6 66.4 0.6 66.4 0.1 65.8	50.6         63.2         0.2           50.6         63.2         0.2           41.2         63.0         0.0	66.0         52.6         63.3         0.4           66.0         49.6         63.1         0.2           65.8         50.2         63.2         0.2	66.1         51.4         63.2         0.3         66.0           65.9         52.7         63.3         0.4         66.1           66.0         52.9         63.4         0.4         66.2	49.2         63.1         0.2         65.9           51.2         63.2         0.3         66.0           51.4         63.2         0.3         66.0	43.3         63.0         0.0           43.4         63.0         0.0           43.4         63.0         0.0	65.8         40.5         63.0         0.0         65.           65.8         40.6         63.0         0.0         65.           65.8         40.6         63.0         0.0         65.           65.8         40.6         63.0         0.0         65.	3         43.4         63.0         0.0         6           3         43.5         63.0         0.0         6           3         43.5         63.0         0.0         6           3         43.5         63.0         0.0         6	55.8         40.4         63.0         0.0         65.8           55.8         40.5         63.0         0.0         65.8           55.8         40.5         63.0         0.0         65.8
060C 008.0G 8 060C 63.0 060C 009.0G 9 060C 63.0 060C 010.0G 10 060C 63.0	65.8 57.3 6 65.8 45.6 6 65.8 45.5 6	54.0         1.0         66.8         57           53.0         0.1         65.8         48.3           53.0         0.1         65.8         48.2	63.9 1.0 63.1 0.1 63.1 0.1	66.7 56.5 65.9 46.5 65.9 46.4	63.8         0.9         66.6           63.0         0.1         65.8           63.0         0.1         65.8	44         63.0         0.1           44         63.0         0.1           44         63.0         0.1	65.8 65.8 65.8	41.6         63.0         0.0         65           41.6         63.0         0.0         65           41.6         63.0         0.0         65	.8         44.2         63.0           .8         44.2         63.0           .8         44.2         63.0	0.1 65.8 0.1 65.8 0.1 65.8	41.2 63.0 0.0 41.2 63.0 0.0 41.1 63.0 0.0	65.8         47.8         63.1         0.1           65.8         45.1         63.0         0.1           65.8         45         63.0         0.1	65.9         53.4         63.4         0.5         66.2           65.8         48.7         63.1         0.2         65.9           65.8         48.7         63.1         0.2         65.9	52.1         63.3         0.3         66.1           46.4         63.0         0.1         65.8           46.5         63.0         0.1         65.8	43.4 63.0 0.0 43.4 63.0 0.0 43.3 63.0 0.0	65.8         40.6         63.0         0.0         65.           65.8         40.6         63.0         0.0         65.           65.8         40.5         63.0         0.0         65.           65.8         40.5         63.0         0.0         65.	3         43.5         63.0         0.0         6           3         43.5         63.0         0.0         6           3         43.5         63.0         0.0         6           3         43.5         63.0         0.0         6	55.8         40.5         63.0         0.0         65.8           55.8         40.5         63.0         0.0         65.8           55.8         40.4         63.0         0.0         65.8
060C 011.0G 11 060C 63.0 060C 012.0G 12 060C 63.0 060C 013.0G 13 060C 63.0	65.8 45.4 6 65.8 45.4 6 65.8 45.3 6	53.0         0.1         65.8         48           53.0         0.1         65.8         48           53.0         0.1         65.8         48	63.1 0.1 63.1 0.1 63.1 0.1	65.9 46.2 65.9 46.2 65.9 46.2	63.0         0.1         65.8           63.0         0.1         65.8           63.0         0.1         65.8	43.8         63.0         0.1           44.1         63.0         0.1           43.9         63.0         0.1	65.8 65.8 65.8	41.4         63.0         0.0         65           41.7         63.0         0.0         65           41.5         63.0         0.0         65	.8         44         63.0           .8         44.3         63.0           .8         44.1         63.0	0.1 65.8 0.1 65.8 0.1 65.8	41 63.0 0.0 41.2 63.0 0.0 41 63.0 0.0	65.8         44.9         63.0         0.1           65.8         45.1         63.0         0.1           65.8         44.9         63.0         0.1	65.8         48.5         63.1         0.2         65.9           65.8         48.8         63.1         0.2         65.9           65.8         48.6         63.1         0.2         65.9	46.3         63.0         0.1         65.8           46.6         63.0         0.1         65.8           46.4         63.0         0.1         65.8	43.1         63.0         0.0           43.5         63.0         0.0           43.3         63.0         0.0	65.8         40.3         63.0         0.0         65.           65.8         40.7         63.0         0.0         65.           65.8         40.5         63.0         0.0         65.	3         43.3         63.0         0.0         6           3         43.6         63.0         0.1         6           8         43.4         63.0         0.0         6	55.8         40.3         63.0         0.0         65.8           55.8         40.6         63.0         0.0         65.8           55.8         40.4         63.0         0.0         65.8
060C 014.0G 14 060C 63.0 060C 015.0G 15 060C 63.0	65.8 45.2 6 65.8 45.1 6	53.0 0.1 65.8 48 53.0 0.1 65.8 47.9	63.1 0.1 63.1 0.1	65.9 46.1 65.9 46	63.0 0.1 65.8 63.0 0.1 65.8	43.8 63.0 0.1 43.7 63.0 0.1	65.8 65.8	41.4 63.0 0.0 65 41.3 63.0 0.0 65	8 44 63.0 8 43.9 63.0	0.1 65.8 0.1 65.8	41 63.0 0.0 40.9 63.0 0.0	65.8 44.8 63.0 0.1 65.8 44.8 63.0 0.1	65.8 48.5 63.1 0.2 65.9 65.8 48.5 63.1 0.2 65.9	46.3 63.0 0.1 65.8 46.2 63.0 0.1 65.8	43.2 63.0 0.0 43.1 63.0 0.0	65.8 40.4 63.0 0.0 65. 65.8 40.3 63.0 0.0 65.	8 43.4 63.0 0.0 6 8 43.3 63.0 0.0 6	55.8 40.3 63.0 0.0 65.8 55.8 40.2 63.0 0.0 65.8

			5 months (demo P1T1	2 months of Overlap (only 2 mo P1T1	onths of hoe ram modeled) b	8 months (foundatis P1T2	on) 6 month	1 Months (exterior) 3 months of overlap (ext/m) P174 P176				7 monti P11	hs (int) TS	4 months (demo) P2T1	1 month o	of Overlap (den P2T1b	smo/excavation) S month	s (foundation) 16 mo	nths (superstructure) 2 Months (ex P2T3 P2T4	teriors) 4 months of ove P2T4	inths of overlap (ext/int) 7 months (interiors) P2T4b P2T5 110 Inc.			
CadnaA Receptor Sites 060C 016.0G	(floor) N 16 060C	çade Existing I mber Leq(1) 63.0	Existing         Leq           L10         Const         Total         Change         I           65.8         45         63.0         0.1         I           67.9         44.0         63.0         0.1         I	Exceed? Total Const Total Change 65.8 47.8 63.1 0.1	Exceed? Total 65.9	Leq Const Total Change E 45.9 63.0 0.1 45.9 63.0 0.1	L10         Leq           xceed?         Total         Const         Total         Const           65.8         43.6         63.0         Const         Const         Const	L10           Change         Exceed?         Total           0.1         65.8         0.1	Leq Const Total 41.3 63.0	L10           Change         Exceed?         Total         Cc           0.0         65.8         4	Leq nst Total Change Exc 9 63.0 0.1 9 63.0 0.1	ceed? Total 65.8	Leq Const Total Chang 40.8 63.0 0.0	L10         Leg           ge         Exceed?         Total         Const         Total           65.8         44.8         63.         64.7         65.8	rq tal Change Exceed? .0 0.1	L10 Leq Total Const Tota 65.8 48.4 63.1 65.8 48.4 63.1	al Change	L10 Leq Exceed? Total Const Total ( 65.9 46.1 63.0 67.0 46.1 63.0	L10 Leq hange Exceed? Total Const Total 0.1 65.8 43 63.0 0.1 65.8 43 63.0	L10         Leq           Change         Exceed?         Total         Const         Total         Change           0.0         65.8         40.2         63.0         0.0	Exceed? Total Const Total Chan 65.8 43.2 63.0 0.0	Exceed? Total Const Total C 65.8 40.2 63.0 65.8 40.2 63.0	L10           Change         Exceed?         Total           0.0         65.8         0.0	
060C 017.0G 060C 018.0G 060C 019.0G	18 060C 19 060C 20 060C	63.0 63.0	65.8         44.9         63.0         0.1           65.8         44.9         63.0         0.1           65.8         44.9         63.0         0.1	65.8 47.8 63.1 0.1 65.8 47.9 63.1 0.1 65.8 47.9 63.1 0.1	65.9 65.9	45.9 63.0 0.1 45.9 63.0 0.1 45.9 63.0 0.1	65.8 43.7 63.0 65.8 43.7 63.0 65.8 43.8 63.0	0.1 65.8 0.1 65.8 0.1 65.8	41.2 63.0 41.3 63.0 41.4 63.0 41.2 63.0	0.0 65.8 4 0.0 65.8 4 0.0 65.8 4	9 63.0 0.1 4 63.0 0.1 9 63.0 0.1	65.8 65.8 65.8	40.7 63.0 0.0 40.9 63.0 0.0 40.9 63.0 0.0	65.8 44.8 63. 65.8 44.8 63.	0 0.1 0 0.1	65.8 48.5 63.1 65.8 48.5 63.1 65.8 48.5 63.1	1 0.1 1 0.2 1 0.2	65.9 46.2 63.0 65.9 46.2 63.0 65.9 46.2 63.0	0.1 05.8 43 03.0 0.1 65.8 43.2 63.0 0.1 65.8 43.3 63.0 0.1 65.8 43.3 63.0	0.0 65.8 40.2 63.0 0.0 0.0 65.8 40.4 63.0 0.0 0.0 65.8 40.4 63.0 0.0	65.8 43.2 63.0 0.0 65.8 43.3 63.0 0.0 65.8 43.4 63.0 0.0	65.8 40.1 65.0 65.8 40.3 63.0 65.8 40.4 63.0 65.8 40.4 63.0	0.0 65.8 0.0 65.8	
060C 021.0G 060C 022.0G 060C 023.0G	21 060C 22 060C 23 060C	63.0 63.0 63.0	65.8 44.7 63.0 0.1 65.8 44.5 63.0 0.1 65.8 44.4 63.0 0.1	65.8 47.7 63.1 0.1 65.8 47.5 63.1 0.1 65.8 47.4 63.1 0.1	65.9 65.9 65.9	45.7 63.0 0.1 45.5 63.0 0.1 45.4 63.0 0.1	65.8 43.6 63.0 65.8 43.5 63.0 65.8 43.4 63.0	0.1 65.8 0.0 65.8 0.0 65.8	41.2 63.0 41.1 63.0 41 63.0	0.0 65.8 4 0.0 65.8 4 0.0 65.8 4	8 63.0 0.1 7 63.0 0.1 6 63.0 0.1	65.8 65.8 65.8	40.7 63.0 0.0 40.6 63.0 0.0 40.5 63.0 0.0	65.8 44.6 63. 65.8 44.5 63. 65.8 44.4 63.	.0 0.1 .0 0.1 .0 0.1	65.8 48.3 63.1 65.8 48.2 63.1 65.8 48.2 63.1 65.8 48.1 63.1	1 0.1 1 0.1 1 0.1	65.9 46 63.0 65.9 45.9 63.0 65.9 45.8 63.0	0.1 65.8 43.1 63.0 0.1 65.8 43 63.0 0.1 65.8 43 63.0 0.1 65.8 42.9 63.0	0.0 65.8 40.3 63.0 0.0 0.0 65.8 40.2 63.0 0.0 0.0 65.8 40.1 63.0 0.0	65.8 43.3 63.0 0.0 65.8 43.2 63.0 0.0 65.8 43.1 63.0 0.0	65.8 40.2 63.0 65.8 40.1 63.0 65.8 40 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
060C 024.0G 060C 025.0G 060C 026.0G	24 060C 25 060C 26 060C	63.0 63.0 63.0	65.8         44.2         63.0         0.1           65.8         44.1         63.0         0.1           65.8         44         63.0         0.1	65.8         47.2         63.1         0.1           65.8         47.1         63.1         0.1           65.8         47         63.1         0.1	65.9 65.9 65.9	45.2         63.0         0.1           45.1         63.0         0.1           45         63.0         0.1	65.8         43.3         63.0           65.8         43.2         63.0           65.8         43.1         63.0	0.0 65.8 0.0 65.8 0.0 65.8	40.9 63.0 40.8 63.0 40.7 63.0	0.0 65.8 4 0.0 65.8 4 0.0 65.8 4	5 63.0 0.0 4 63.0 0.0 3 63.0 0.0	65.8 65.8 65.8	40.4 63.0 0.0 40.3 63.0 0.0 40.2 63.0 0.0	65.8 44.3 63. 65.8 44.2 63. 65.8 44.2 63.	.0 0.1 .0 0.1 .0 0.1	65.8         48.1         63.1           65.8         48         63.1           65.8         48         63.1           65.8         47.9         63.1	1 0.1 1 0.1 1 0.1	65.9 45.8 63.0 65.9 45.7 63.0 65.9 45.6 63.0	0.1         65.8         42.8         63.0           0.1         65.8         42.7         63.0           0.1         65.8         42.7         63.0           0.1         65.8         42.7         63.0	0.0         65.8         40         63.0         0.0           0.0         65.8         39.9         63.0         0.0           0.0         65.8         39.9         63.0         0.0	65.8         43         63.0         0.0           65.8         42.9         63.0         0.0           65.8         42.8         63.0         0.0	65.8 39.9 63.0 65.8 39.9 63.0 65.8 39.8 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
060C 027.0G 060C 028.0G 060C 029.0G	27 060C 28 060C 29 060C	63.0 63.0 63.0	65.8         43.9         63.0         0.1           65.8         43.7         63.0         0.1           65.8         43.6         63.0         0.1	65.8         46.9         63.1         0.1           65.8         46.8         63.1         0.1           65.8         46.6         63.0         0.1	65.9 65.9 65.8	44.9         63.0         0.1           44.8         63.0         0.1           44.6         63.0         0.1	65.8 43 63.0 65.8 42.9 63.0 65.8 42.8 63.0	0.0 65.8 0.0 65.8 0.0 65.8	40.6 63.0 40.5 63.0 40.5 63.0	0.0 65.8 4 0.0 65.8 4 0.0 65.8 4	2 63.0 0.0 1 63.0 0.0 3 63.0 0.0	65.8 65.8 65.8	40.2         63.0         0.0           40.1         63.0         0.0           40         63.0         0.0	65.8 44.1 63. 65.8 44 63. 65.8 43.9 63.	.0 0.1 .0 0.1 .0 0.1	65.8         47.9         63.1           65.8         47.8         63.1           65.8         47.7         63.1	1 0.1 1 0.1 1 0.1	65.9 45.6 63.0 65.9 45.5 63.0 65.9 45.4 63.0	0.1         65.8         42.6         63.0           0.1         65.8         42.6         63.0           0.1         65.8         42.5         63.0           0.1         65.8         42.5         63.0	0.0         65.8         39.8         63.0         0.0           0.0         65.8         39.7         63.0         0.0           0.0         65.8         39.7         63.0         0.0           0.0         65.8         39.7         63.0         0.0	65.8         42.8         63.0         0.0           65.8         42.7         63.0         0.0           65.8         42.6         63.0         0.0	65.8 39.8 63.0 65.8 39.7 63.0 65.8 39.6 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
060C 030.0G 060C 031.0G 060C 032.0G	30 060C 31 060C 32 060C	63.0 63.0 63.0	65.8         43.4         63.0         0.0           65.8         43.3         63.0         0.0           65.8         43.2         63.0         0.0           65.8         43.2         63.0         0.0	65.8 46.4 63.0 0.1 65.8 46.3 63.0 0.1 65.8 46.2 63.0 0.1 69.6 63.2 67.0 2.2	65.8 65.8 65.8	44.4 63.0 0.1 44.3 63.0 0.1 44.2 63.0 0.1 62.7 67.2 2.5	65.8 42.7 63.0 65.8 42.6 63.0 65.8 42.5 63.0 20.0 67.2 69.1	0.0 65.8 0.0 65.8 0.0 65.8 4.4 85 719	40.3 63.0 40.2 63.0 40.3 63.0 65.7 69.2	0.0 65.8 4 0.0 65.8 4 0.0 65.8 4 0.0 65.8 4	9 63.0 0.0 8 63.0 0.0 8 63.0 0.0 9 69.9 4.2	65.8 65.8 65.8 71.7	39.8 63.0 0.0 39.7 63.0 0.0 39.6 63.0 0.0 61.1 66.2 1.6	65.8 43.8 63. 65.8 43.7 63. 65.8 43.6 63. 66.8 43.6 63.	.0 0.1 .0 0.1 .0 0.1	65.8 47.5 63.1 65.8 47.5 63.1 65.8 47.4 63.1 67.6 51.2 64.9	1 0.1 1 0.1 1 0.1	65.9 45.2 63.0 65.9 45.1 63.0 65.9 45 63.0 65.9 45 63.0	0.1 65.8 42.3 63.0 0.1 65.8 42.3 63.0 0.1 65.8 42.3 63.0 0.1 65.8 42.2 63.0 0.1 65.6 62 66.6	0.0 65.8 39.5 63.0 0.0 0.0 65.8 39.5 63.0 0.0 0.0 65.8 39.4 63.0 0.0 1.0 65.8 39.4 63.0 0.0	65.8 42.5 63.0 0.0 65.8 42.4 63.0 0.0 65.8 42.4 63.0 0.0 65.8 42.4 63.0 0.0	65.8 39.4 63.0 65.8 39.4 63.0 65.8 39.3 63.0 66.8 39.3 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
060D 002.0G 060D 003.0G 060D 004.0G	2 060D 3 060D 4 060D	66.2 67.1 67.5	61.0         60.5         2.1           69.0         64.6         68.5         2.3           69.9         67.1         70.1         3.0           70.3         67.4         70.5         3.0	71.3         64.9         68.6         2.4           YES         72.9         67.2         70.2         3.1           73.3         68.4         71.0         3.5	71.4 YES 73.0 YES 73.8	65.7 69.0 2.8 70.5 72.1 5.0 68 70.8 3.3	71.8         67.4         63.1           71.8         67.4         70.3           YES         73.6         67.4         70.5	3.5         YES         72.5           3.2         YES         73.1           3.0         73.3	65.6 68.9 65.9 69.6 65.9 69.8	2.7 71.7 6 2.5 72.4 6 2.3 72.6 1	3         60.5         4.1           .8         69.5         3.3         1           .9         70.0         2.9         1           .7         70.3         2.8         1	YES 72.3 72.8 73.1	60.9         67.3         1.1           60.9         68.0         0.9           60.9         68.4         0.9	70.1 50.4 66. 70.8 52.2 67. 71.2 55 67.	3 0.1 2 0.1 .7 0.2	69.1 53 66.4 70.0 55.1 67.4 70.5 56.5 67.8	4 0.2 4 0.3 8 0.3	69.2 50.9 66.3 70.2 53.2 67.3 70.6 53 67.7	0.1 69.1 61.5 67.5 0.2 70.1 61.5 68.2 0.2 70.5 61.6 68.5	1.3 70.3 57.5 66.7 0.5 1.1 71.0 57.6 67.6 0.5 1.0 71.3 57.6 67.9 0.4	69.5 59.8 67.1 0.9 70.4 59.9 67.9 0.8 70.7 59.9 68.2 0.7	69.9 45.8 66.2 70.7 46.4 67.1 71.0 46.7 67.5	0.0 69.0 0.0 69.9 0.0 70.3	
060D 005.OG 060D 006.OG 060D 007.OG	5 060D 6 060D 7 060D	67.8 67.9 67.8	70.6         70.1         72.1         4.3           70.7         69.6         71.8         3.9           70.6         69.9         72.0         4.2	YES         74.9         69.3         71.6         3.8           YES         74.6         70.3         72.3         4.4           YES         74.8         71.7         73.2         5.4	YES         74.4           YES         75.1           YES         76.0	70.4         72.3         4.5           70.2         72.2         4.3           70.4         72.3         4.5	YES         75.1         67.3         70.6           YES         75.0         66.9         70.4           YES         75.1         66.7         70.3	2.8 73.4 2.5 73.2 2.5 73.1	65.7 69.9 65.6 69.9 65.4 69.8	2.1         72.7         6           2.0         72.7         6           2.0         72.6         6	9 70.4 2.6 .7 70.4 2.5 .7 70.3 2.5	73.2 73.2 73.1	61.2 68.7 0.9 61.1 68.7 0.8 60.9 68.6 0.8	71.5 53.8 68. 71.5 54.1 68. 71.4 53.7 68.	.0 0.2 .1 0.2 .0 0.2	70.8 56.1 68.1 70.9 56.5 68.2 70.8 56.8 68.1	1 0.3 2 0.3 1 0.3	70.9 53.9 68.0 71.0 54.4 68.1 70.9 54.7 68.0	0.2         70.8         61.6         68.7           0.2         70.9         61.6         68.8           0.2         70.8         61.6         68.7	0.9         71.5         57.7         68.2         0.4           0.9         71.6         57.7         68.3         0.4           0.9         71.5         57.8         68.2         0.4	71.0 60 68.5 0.7 71.1 60.1 68.6 0.7 71.0 60.2 68.5 0.7	71.3 47.3 67.8 71.4 47.5 67.9 71.3 48.1 67.8	0.0 70.6 0.0 70.7 0.0 70.6	
060D 008.OG 060D 009.OG 060D 010.OG	8 060D 9 060D 10 060D	67.7 67.6 67.4	70.5         70.4         72.3         4.6           70.4         70.2         72.1         4.5           70.2         70.1         72.0         4.6	YES         75.1         71.5         73.0         5.3           YES         74.9         71.2         72.8         5.2           YES         74.8         70.9         72.5         5.1	YES 75.8 YES 75.6 YES 75.3	70.3 72.2 4.5 70.2 72.1 4.5 70.2 72.0 4.6	YES         75.0         66.6         70.2           YES         74.9         66.5         70.1           YES         74.8         66.5         70.0	2.5 73.0 2.5 72.9 2.6 72.8	65.2 69.6 64.8 69.4 65 69.4	1.9         72.4         6           1.8         72.2         6           2.0         72.2         6	.6 70.2 2.5 4 70.1 2.5 5 70.0 2.6	73.0 72.9 72.8	60.9 68.5 0.8 60.8 68.4 0.8 60.6 68.2 0.8	71.3 53.8 67: 71.2 54.9 67: 71.0 55.9 67:	.9 0.2 .8 0.2 .7 0.3	70.7 57.2 68.1 70.6 58 68.1 70.5 58.5 67.9	1 0.4 1 0.5 9 0.5	70.9 55.3 67.9 70.9 56.1 67.9 70.7 56.6 67.7	0.2 70.7 61.7 68.7 0.3 70.7 61.7 68.6 0.3 70.5 61.7 68.6	1.0         71.5         57.8         68.1         0.4           1.0         71.4         57.7         68.0         0.4           1.0         71.2         57.7         67.8         0.4	70.9 60.2 68.4 0.7 70.8 60.1 68.3 0.7 70.6 60.2 68.2 0.8	71.2 48.4 67.8 71.1 47.9 67.6 71.0 48.4 67.5	0.1 70.6 0.0 70.4 0.1 70.3	
060D 011.0G 060D 012.0G 060D 013.0G	11 0600 12 0600 13 0600 14 0600	67.2 66.8 66.6	70.1 70 71.9 4.6 70.0 69.8 71.7 4.5 69.6 69.5 71.4 4.6 69.4 69.4 71.2 4.6	TES         74.7         70.6         72.3         5.0           YES         74.5         70.1         71.9         4.7           YES         74.2         70         71.7         4.9           YES         74.0         70.1         71.7         5.1	YES 75.1 YES 74.7 YES 74.5	69.8 71.7 4.4 69.7 71.6 4.4 69.5 71.4 4.6 69.4 71.2 4.6	YES         74.5         bb.4         b9.9           YES         74.4         66.3         69.8           YES         74.2         66.1         69.5           YES         74.0         66.         69.3	2.6 72.6 2.7 72.3 2.7 72.3	64.9 69.3 64.9 69.2 64.2 68.7 64.2 68.6	2.0 72.1 6 2.0 72.0 6 1.9 71.5 6 2.0 71.4 6	2 69.8 2.5 1 69.7 2.5 8 69.3 2.5 7 69.2 2.6	72.5 72.1 72.0	60.5 68.1 0.8 60.4 68.0 0.8 60.3 67.7 0.9 60.2 67.5 0.9	70.9 56.6 67. 70.8 57.3 67. 70.5 57.8 67. 70.3 57.1 67	.7 0.4 .6 0.4 .3 0.5	70.5 59.2 67.9 70.4 60 68.0 70.1 60.8 67.8 69.9 61.2 67.7	9 0.6 0 0.8 8 1.0 7 1.1	70.7 57.3 67.7 70.8 58 67.7 70.6 58.9 67.5 70.5 59.4 67.4	0.4 70.5 61.7 68.4 0.5 70.5 61.8 68.3 0.7 70.3 61.9 68.0 0.8 70.2 61.9 67.9	1.1         71.2         58         67.8         0.5           1.1         71.1         58.2         67.7         0.5           1.2         70.8         58.3         67.4         0.6           1.3         70.7         58.4         67.2         0.6	70.5 60.4 68.1 0.8 70.5 60.5 68.0 0.8 70.2 60.7 67.8 1.0 70.0 60.7 67.8 1.0	70.9 49 6/.4 70.8 49.8 67.3 70.6 50.3 66.9 70.4 50.4 66.7	0.1 70.2 0.1 70.1 0.1 69.7 0.1 69.5	
060D 015.OG 060D 016.OG 060D 017.OG	15 060D 16 060D 17 060D	66.5 66.3 66.1	69.3         69.2         71.1         4.6           69.1         68.9         70.8         4.5           68.9         68.7         70.6         4.5	YES         73.9         70         71.6         5.1           YES         73.6         69.6         71.3         5.0           YES         73.4         69.3         71.0         4.9	YES 74.4 YES 74.1 YES 73.8	69.3         71.1         4.6           69.1         70.9         4.6           68.8         70.7         4.6	YES         73.9         65.9         69.2           YES         73.7         65.8         69.1           YES         73.5         65.7         68.9	2.7 72.0 2.8 71.9 2.8 71.7	64.2 68.5 64.3 68.4 64.1 68.2	2.0 71.3 6 2.1 71.2 6 2.1 71.0 6	7 69.1 2.6 7 69.0 2.7 4 68.8 2.7	71.9 71.8 71.6	60.2 67.4 0.9 60.1 67.2 0.9 59.8 67.0 0.9	70.2 57.5 67. 70.0 58.6 67. 69.8 59.2 66.	.0 0.5 .0 0.7 .9 0.8	69.8 61.2 67.6 69.8 62 67.7 69.7 62.9 67.8	6 1.1 7 1.4 8 1.7	70.4 59.4 67.3 70.5 60.3 67.3 70.6 61.5 67.4	0.8 70.1 61.9 67.8 1.0 70.1 62.2 67.7 1.3 70.2 62.4 67.6	13         70.6         58         67.1         0.6           1.4         70.5         58.4         67.0         0.7           1.5         70.4         58.6         66.8         0.7	69.9 60.5 67.5 1.0 69.8 60.8 67.4 1.1 69.6 61.1 67.3 1.2	70.3 50.3 66.6 70.2 52.1 66.5 70.1 53 66.3	0.1 69.4 0.2 69.3 0.2 69.1	
060D 018.OG 060D 019.OG 060D 020.OG	18 060D 19 060D 20 060D	65.9 65.8 65.6	68.7         68.4         70.3         4.4           68.6         68.3         70.2         4.4           68.4         68         70.0         4.4	YES         73.1         69.1         70.8         4.9           YES         73.0         69.1         70.8         5.0           YES         72.8         68.9         70.6         5.0	YES         73.6           YES         73.6           YES         73.4	68.6         70.5         4.6           68.4         70.3         4.5           68.2         70.1         4.5	YES         73.3         65.5         68.7           YES         73.1         65.4         68.6           YES         72.9         65.3         68.5	2.8 71.5 2.8 71.4 2.9 71.3	64 68.1 63.9 68.0 63.8 67.8	2.2         70.9         6           2.2         70.8         6           2.2         70.6         6	2 68.6 2.7 1 68.5 2.7 5 68.3 2.7	71.4 71.3 71.1	59.7         66.8         0.9           59.5         66.7         0.9           59.2         66.5         0.9	69.6 60.3 67. 69.5 60.2 66. 69.3 59.2 66.	.0 1.1 .9 1.1 .5 0.9	69.8         64.1         68.1           69.7         64.2         68.1           69.3         63.7         67.8	1 2.2 1 2.3 8 2.2	70.9 62.1 67.4 70.9 62.7 67.5 70.6 61.6 67.1	1.5         70.2         62.4         67.5           1.7         70.3         62.4         67.4           1.5         69.9         62.4         67.3	1.6         70.3         58.8         66.7         0.8           1.6         70.2         59.2         66.7         0.9           1.7         70.1         59.1         66.5         0.9	69.5         61.2         67.2         1.3           69.5         61.4         67.1         1.3           69.3         61.4         67.0         1.4	70.0 53 66.1 69.9 53.1 66.0 69.8 53.2 65.8	0.2 68.9 0.2 68.8 0.2 68.6	
060D 021.OG 060D 022.OG 060D 023.OG	21 060D 22 060D 23 060D	65.4 65.2 65.1	68.2         67.7         69.7         4.3           68.0         67.3         69.4         4.2           67.9         67.1         69.2         4.1	YES         72.5         68.7         70.4         5.0           YES         72.2         68.5         70.2         5.0           YES         72.0         68.3         70.0         4.9           YES         72.0         68.3         70.0         4.9	YES 73.2 YES 73.0 YES 72.8	67.9 69.8 4.4 67.7 69.6 4.4 67.6 69.5 4.4	YES 72.6 65.1 68.3 YES 72.4 64.9 68.1 YES 72.3 64.8 68.0	2.9 71.1 2.9 70.9 2.9 70.8 2.9 70.8	63.6 67.6 63.4 67.4 63.3 67.3	2.2 70.4 6 2.2 70.2 6 2.2 70.1 6 2.2 70.1 6	8 68.1 2.7 4 67.8 2.6 3 67.7 2.6 3 67.7 2.6	70.9 70.6 70.5	59.1 66.3 0.9 59.2 66.2 1.0 58.5 66.0 0.9	69.1 59.4 66. 69.0 59.9 66. 68.8 60.1 66.	4 1.0 3 1.1 3 1.2 2 1.2	69.2 63.7 67.6 69.1 64.1 67.7 69.1 64.6 67.9 60.0 64.7 67.9	5 2.2 7 2.5 9 2.8	70.4 62 67.0 70.5 61.9 66.9 70.7 62.2 66.9 70.7 62.2 66.9	1.6         69.8         62.3         67.1           1.7         69.7         62.3         67.0           1.8         69.7         61.2         66.6	1.7         69.9         59.1         66.3         0.9           1.8         69.8         59         66.1         0.9           1.5         69.4         58         65.9         0.8	69.1 61.3 66.8 1.4 68.9 61.2 66.7 1.5 68.7 60.1 66.3 1.2	69.6 53.1 65.6 69.5 53 65.5 69.1 46.9 65.2	0.2 68.4 0.3 68.3 0.1 68.0	
060D 024.0G 060D 025.0G 060D 026.0G 060D 027.0G	25 060D 26 060D 27 060D	64.8 64.7 64.5	67.6         66.7         68.9         4.1           67.6         66.7         68.9         4.1           67.5         56.1         68.5         3.8           67.3         65.9         68.3         3.8	YES 71.7 67.7 69.5 4.7 YES 71.3 67.2 69.1 4.4 YES 71.1 66.9 68.9 4.4	YES 72.3 YES 71.9 YES 71.7	66.3 68.5 4.0	YES 71.7 64.6 07.8 YES 71.7 64.5 67.7 YES 71.5 64.3 67.5 YES 71.3 64.1 67.3	2.9 70.5 2.8 70.3 2.8 70.1	63 67.0 62.8 66.9 62.7 66.7	2.2 69.8 6 2.2 69.7 6 2.2 69.5 6	2 67.5 2.7 7 67.2 2.5 5 67.0 2.5	70.3 70.0 69.8	58.2 65.7 0.9 58.1 65.6 0.9 57.8 65.3 0.8	68.5 58.8 65. 68.4 58.5 65. 68.1 59.4 65.	.2 1.2 .8 1.0 .6 0.9 .7 1.2	68.6 64.6 67.7 68.4 64.7 67.7 68.5 65 67.8	7 2.9 7 3.0 8 3.3	70.5 62.8 66.9 YES 70.5 63 66.9 YES 70.6 63 66.8	1.6         05.6         01.2         06.3           2.1         69.7         61.1         66.3           2.2         69.7         61.1         66.3           2.3         69.6         61         66.1	1.5         69.1         57.9         65.6         0.8           1.5         69.1         57.9         65.6         0.8           1.6         69.1         57.8         65.5         0.8           1.6         68.9         57.7         65.3         0.8	68.0 00 06.2 1.2 68.4 60 66.0 1.2 68.3 59.9 65.9 1.2 68.1 59.8 65.8 1.3	68.8 46.7 64.9 68.8 46.6 64.8 68.6 46.6 64.6	0.1 67.5 0.1 67.7 0.1 67.6 0.1 67.4	
060D 028.OG 060D 029.OG 060D 030.OG	28 060D 29 060D 30 060D	64.4 64.2 64.1	67.2         65.7         68.1         3.7           67.0         65.5         67.9         3.7           66.9         65.4         67.8         3.7	YES         70.9         66.7         68.7         4.3           YES         70.7         66.4         68.4         4.2           YES         70.6         66.3         68.3         4.2	YES         71.5           YES         71.2           YES         71.1	65.8         68.2         3.8           65.4         67.9         3.7           65.2         67.7         3.6	YES         71.0         64         67.2           YES         70.7         63.8         67.0           YES         70.5         63.7         66.9	2.8 70.0 2.8 69.8 2.8 69.7	62.5 66.6 62.3 66.4 62.2 66.3	2.2         69.4         6           2.2         69.2         6           2.2         69.1         6	3 66.9 2.5 2 66.7 2.5 1 66.6 2.5	69.7 69.5 69.4	57.6         65.2         0.8           57.6         65.1         0.9           57.5         65.0         0.9	68.0 59.7 65. 67.9 60.2 65. 67.8 60.5 65.	.7 1.3 .7 1.5 .7 1.6	68.5         65         67.7           68.5         65.2         67.7           68.5         65.5         67.9	7 3.3 7 3.5 9 3.8	YES         70.5         62.8         66.7           YES         70.5         62.6         66.5           YES         70.7         62.8         66.5	2.3         69.5         60.9         66.0           2.3         69.3         60.9         65.9           2.4         69.3         60.5         65.7	1.6         68.8         57.7         65.2         0.8           1.7         68.7         57.6         65.1         0.9           1.6         68.5         56.9         64.9         0.8	68.0         59.7         65.7         1.3           67.9         59.7         65.5         1.3           67.7         59.2         65.3         1.2	68.5 46.5 64.5 68.3 46.5 64.3 68.1 46 64.2	0.1 67.3 0.1 67.1 0.1 67.0	
060D 031.0G 060D 032.0G 061A 001.0G	31 060D 32 060D 1 061A	64.0 63.9 63.0	66.8 65.2 67.7 3.7 66.7 65 67.5 3.6 64.9 39.7 63.0 0.0	YES         70.5         66.1         68.2         4.2           YES         70.3         65.9         68.0         4.1           64.9         40.9         63.0         0.0           67.0         41         62.2         62.2         62.2	YES 71.0 YES 70.8 64.9	65 67.5 3.5 64.9 67.4 3.5 40 63.0 0.0	YES 70.3 63.5 66.8 YES 70.2 63.3 66.6 64.9 48.6 63.1 65.0 48 63.2	2.8 69.6 2.7 69.4 0.2 65.0	62 66.1 61.9 66.0 48.5 63.1	2.1         68.9         6           2.1         68.8         6           0.2         65.0         4           0.1         67.1         4	3 66.5 2.5 9 66.4 2.5 1 63.1 0.1	69.3 69.2 65.0	57.3 64.8 0.8 57.2 64.7 0.8 37.3 63.0 0.0	67.6 60.9 65. 67.5 59.8 65. 64.9 37 63.	.7 1.7 .3 1.4 .0 0.0	68.5 65.6 67.9 68.1 65.1 67.6 64.9 41.5 63.0 65.0 41.6 63.1	9 3.9 6 3.7 0 0.0	YES 70.7 62.4 66.3 YES 70.4 62.3 66.2 64.9 38.8 63.0	2.3         69.1         60.5         65.6           2.3         69.0         60.4         65.5           0.0         64.9         36.1         63.0           0.0         65.9         36.3         63.0	1.6         68.4         56.8         64.8         0.8           1.6         68.3         55.9         64.5         0.6           0.0         64.9         34         63.0         0.0	67.6 59.1 65.2 1.2 67.3 58.6 65.0 1.1 64.9 36.6 63.0 0.0 65.0 25.6 63.0 0.0	68.0 46 64.1 67.8 45.5 64.0 64.9 33.3 63.0 65.2 23.5 63.1	0.1 66.9 0.1 66.8 0.0 64.9	
061A 002.0G 061A 003.0G 061A 004.0G 061A 005.0G	3 061A 4 061A 5 061A	64.1 64.8 65.1	65.0         39.5         65.1         0.0           66.0         39.8         64.1         0.0           66.7         40         64.8         0.0           67.0         42         65.1         0.0	66.0 41.1 64.1 0.0 66.7 41.5 64.8 0.0 67.0 41.8 65.1 0.0	66.0 66.7 67.0	40.5 63.1 0.0 40.5 64.1 0.0 41 64.8 0.0 41.9 65.1 0.0	66.0 47.7 64.2 66.7 47.6 64.9 67.0 47.6 65.2	0.1 65.1 0.1 66.1 0.1 66.8 0.1 67.1	47.7 64.2 47.6 64.9 47.6 65.2	0.1 65.1 4 0.1 66.1 4 0.1 66.8 4 0.1 67.1 4	0         05.2         0.1           3         64.2         0.1           2         64.9         0.1           .2         65.2         0.1	66.1 66.8 67.1	34.9 64.1 0.0 35.1 64.8 0.0 35.2 65.1 0.0	65.0 37.1 65. 66.0 37 64. 66.7 38 64. 67.0 38.5 65.	.1 0.0 .8 0.0 .1 0.0	65.0 41.8 65.1 66.0 41.3 64.1 66.7 41.8 64.8 67.0 42.2 65.1	1 0.0 1 0.0 8 0.0 1 0.0	65.0 38.7 64.1 66.0 38.7 64.1 66.7 39.2 64.8 67.0 39.7 65.1	0.0 65.0 36.3 65.1 0.0 66.7 36.7 64.8 0.0 66.7 36.7 64.8 0.0 67.0 36.9 65.1	0.0 66.7 34.2 65.1 0.0 0.0 66.7 34.1 64.8 0.0 0.0 66.7 34.1 65.1 0.0	65.0 36.8 65.1 0.0 66.0 36.5 64.1 0.0 66.7 36.7 64.8 0.0 67.0 36.8 65.1 0.0	66.0 33.3 65.1 66.0 33.2 64.1 66.7 33.3 64.8 67.0 33.5 65.1	0.0 66.0 0.0 66.7 0.0 67.0	
061A 006.0G 061B 001.0G 061B 002.0G	6 061A 1 061B 2 061B	65.3 73.6 74.0	67.2         42.6         65.3         0.0           75.5         58.1         73.7         0.1           75.9         58.7         74.1         0.1	67.2         44.1         65.3         0.0           75.6         60.2         73.8         0.2           76.0         60.7         74.2         0.2	67.2 75.7 76.1	42 65.3 0.0 59.3 73.8 0.2 59.8 74.2 0.2	67.2 47.6 65.4 75.7 60 73.8 76.1 59.2 74.1	0.1 67.3 0.2 75.7 0.1 76.0	47.6 65.4 59.2 73.8 58.2 74.1	0.1 67.3 4 0.2 75.7 6 0.1 76.0 6	3 65.4 0.1 2 73.8 0.2 4 74.2 0.2	67.3 75.7 76.1	35.4 65.3 0.0 56.2 73.7 0.1 55.6 74.1 0.1	67.2 38.8 65. 75.6 53.6 73. 76.0 54.1 74.	.3 0.0 .6 0.0 .0 0.0	67.2 42.6 65.3 75.5 57.6 73.7 75.9 58.2 74.1	3 0.0 7 0.1 1 0.1	67.2 40.3 65.3 75.6 55.4 73.7 76.0 56 74.1	0.0         67.2         37.3         65.3           0.1         75.6         59.9         73.8           0.1         76.0         59.3         74.1	0.0         67.2         34.4         65.3         0.0           0.2         75.7         56.7         73.7         0.1           0.1         76.0         56.2         74.1         0.1	67.2 37 65.3 0.0 75.6 58.7 73.7 0.1 76.0 58.3 74.1 0.1	67.2 33.7 65.3 75.6 50.5 73.6 76.0 51.2 74.0	0.0 67.2 0.0 75.5 0.0 75.9	
061B 003.0G 061B 004.0G 061B 005.0G	3 061B 4 061B 5 061B 6 061B	73.8 73.3 72.7 72.2	75.7         58.9         73.9         0.1           75.2         59         73.5         0.2           74.6         59.1         72.9         0.2	75.8 60.7 74.0 0.2 75.4 60.6 73.5 0.2 74.8 61.9 73.0 0.3 74.2 60.9 72.5 0.2	75.9 75.4 74.9	59.9         74.0         0.2           59.9         73.5         0.2           59.8         72.9         0.2           60         72.5         0.2	75.9 59.1 73.9 75.4 57.7 73.4 74.8 57.5 72.8 74.4 57.2 72.2	0.1 75.8 0.1 75.3 0.1 74.7 0.1 74.7	58.1 73.9 56.5 73.4 56.4 72.8	0.1 75.8 6 0.1 75.3 5 0.1 74.7 5 0.1 74.7 5	1 74.0 0.2 4 73.5 0.2 5 72.9 0.2 5 72.4 0.2	75.9 75.4 74.8 74.2	55.5 73.9 0.1 54.1 73.4 0.1 53.9 72.8 0.1 53.7 73.2 0.1	75.8 53.8 73. 75.3 53.9 73. 74.7 53.9 72. 74.7 53.9 72.	.8 0.0 .3 0.0 .8 0.1	75.7 58.4 73.9 75.2 58.2 73.4 74.7 58.2 72.9 74.2 59.2 72.4	9 0.1 4 0.1 9 0.2	75.8 56.1 73.9 75.3 56 73.4 74.8 56.1 72.8 74.2 56. 72.8	0.1 75.8 59.1 73.9 0.1 75.3 59.1 73.9 0.1 74.7 59 72.9 0.1 74.2 59.9 72.9	0.1 75.8 56.1 73.9 0.1 0.2 75.4 56 73.4 0.1 0.2 74.8 55.9 72.8 0.1 0.2 74.8 55.9 72.8 0.1	75.8 58.2 73.9 0.1 75.3 58 73.4 0.1 74.7 57.9 72.8 0.1 74.7 57.9 72.8 0.1	75.8 50.9 73.8 75.3 50.5 73.3 74.7 50 72.7 74.2 40.5 72.2	0.0 75.7 0.0 75.2 0.0 74.6 0.0 74.1	
061C 001.0G 061C 002.0G 061C 003.0G	1 061C 2 061C 3 061C	69.1 70.0 70.0	71.0 53.1 69.2 0.1 71.9 53.8 70.1 0.1 71.9 54.1 70.1 0.1	71.1 55.6 69.3 0.2 72.0 56.2 70.2 0.2 72.0 56.4 70.2 0.2	71.2 72.1 72.1	54.7 69.3 0.2 55.3 70.1 0.1 55.5 70.2 0.2	71.2 56 693 72.0 55.1 70.1 72.1 55.1 70.1	0.1 74.1 0.2 71.2 0.1 72.0 0.1 72.0	55.5 69.3 54.4 70.1 54.3 70.1	0.2 71.2 5 0.1 72.0 5 0.1 72.0 5	5 69.4 0.3 5 70.2 0.2 5 70.2 0.2	71.3 72.1 72.1	52.3         69.2         0.1           52.3         69.2         0.1           51.7         70.1         0.1           51.6         70.1         0.1	71.1 49.1 69. 72.0 49.9 70. 72.0 49.8 70.	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	71.0 53.1 69.2 71.9 53.9 70.1 71.9 53.9 70.1	2 0.1 1 0.1 1 0.1	71.1 51 69.2 72.0 51.7 70.1 72.0 51.7 70.1	0.1 71.1 57.2 69.4 0.1 72.0 49.8 70.0 0.1 72.0 49.8 70.0	0.3 71.3 52 69.2 0.1 0.0 71.9 46.8 70.0 0.0 0.0 71.9 46.9 70.0 0.0	71.1 54.4 69.2 0.1 71.9 49.8 70.0 0.0 71.9 49.9 70.0 0.0	71.1 45.9 69.1 71.9 46.7 70.0 71.9 46.7 70.0	0.0 71.0 0.0 71.9 0.0 71.9	
061C 004.0G 061C 005.0G 061C 006.0G	4 061C 5 061C 6 061C	69.9 69.6 69.8	71.8         54.4         70.0         0.1           71.5         49.5         69.6         0.0           71.7         49.8         69.8         0.0	71.9         56.5         70.1         0.2           71.5         52.9         69.7         0.1           71.7         53         69.9         0.1	72.0 71.6 71.8	55.8         70.1         0.2           50.8         69.7         0.1           51.4         69.9         0.1	72.0 49.4 69.9 71.6 48.9 69.6 71.8 48.7 69.8	0.0 71.8 0.0 71.5 0.0 71.7	46.5 69.9 46 69.6 45.8 69.8	0.0 71.8 4 0.0 71.5 4 0.0 71.7 4	4 69.9 0.0 9 69.6 0.0 7 69.8 0.0	71.8 71.5 71.7	46.4 69.9 0.0 45.9 69.6 0.0 45.7 69.8 0.0	71.8 49.6 69. 71.5 49 69. 71.7 48.9 69.	.9 0.0 .6 0.0 .8 0.0	71.8 54.1 70.0 71.5 53 69.7 71.7 52.9 69.9	0 0.1 7 0.1 9 0.1	71.9 51.5 70.0 71.6 50.8 69.7 71.8 50.7 69.9	0.1         71.9         51         70.0           0.1         71.6         48.9         69.6           0.1         71.8         48.7         69.8	0.1         71.9         48.7         69.9         0.0           0.0         71.5         45.9         69.6         0.0           0.0         71.7         45.8         69.8         0.0	71.8 51.1 70.0 0.1 71.5 48.9 69.6 0.0 71.7 48.8 69.8 0.0	71.9 46.5 69.9 71.5 45.8 69.6 71.7 45.7 69.8	0.0 71.8 0.0 71.5 0.0 71.7	
061D 001.0G 061D 002.0G 061D 003.0G	1 061D 2 061D 3 061D 4 061D	68.9 69.5 69.4	70.8 57.7 69.2 0.3 71.4 58.4 69.8 0.3 71.3 58.9 69.8 0.4 71.0 59.1 69.5 0.4	71.1 58.1 69.2 0.3 71.7 58.7 69.8 0.3 71.7 59 69.8 0.4 71.4 61.2 69.8 0.7	71.1 71.7 71.7 71.7	58.4 69.3 0.4 59 69.9 0.4 59.4 69.8 0.4 59.6 69.6 0.5	71.2 58.3 69.3 71.8 57.6 69.8 71.7 57.5 69.7 21.5 57.4 69.4	0.4 71.2 0.3 71.7 0.3 71.6 0.2 71.2	58.5 69.3 57.8 69.8 57.8 69.7 57.7 69.4	0.4 71.2 6 0.3 71.7 5 0.3 71.6 5 0.2 71.2 6	7 69.5 0.6 9 70.0 0.5 7 69.8 0.4	71.4 71.9 71.7 71.5	54.5 69.1 0.2 54 69.6 0.1 54 69.5 0.1 524 69.2 0.1	71.0 48.4 68. 71.5 49.1 69. 71.4 49 69. 71.1 51 69.	.9 0.0 .5 0.0 .4 0.0	70.8 52.3 69.0 71.4 52.9 69.6 71.3 53.1 69.5 71.1 54.9 69.2	0 0.1 6 0.1 5 0.1	70.9 50 69.0 71.5 50.6 69.6 71.4 50.9 69.5 71.2 52.2 69.3	0.1 70.9 59.3 69.4 0.1 71.5 58.3 69.8 0.1 71.4 58.2 69.7 0.1 71.4 58.2 69.7	0.5 71.3 55.1 69.1 0.2 0.3 71.7 54.1 69.6 0.1 0.3 71.6 54.1 69.5 0.1 0.2 71.2 54.1 69.5 0.1	71.0 57.4 69.2 0.3 71.5 56.5 69.7 0.2 71.4 56.4 69.6 0.2 71.3 56.4 69.6 0.2	71.1 45.1 68.9 71.6 45.8 69.5 71.5 45.6 69.4 71.2 45.6 69.4	0.0 70.8 0.0 71.4 0.0 71.3 0.0 71.3	
061D 005.0G 061D 005.0G 061D 006.0G 062A 001.0G	5 061D 6 061D 1 062A	68.7 68.4 63.2	70.6 59.6 69.2 0.5 70.3 60.4 69.0 0.6 65.1 38.7 63.2 0.0	71.1 59.6 69.2 0.5 70.9 59.8 69.0 0.6 65.1 40.5 63.2 0.0	71.1 70.9 65.1	61.8 69.5 0.8 61.4 69.2 0.8 39.1 63.2 0.0	71.4 57.3 69.0 71.1 57.3 69.0 71.1 57.3 68.7 65.1 35.6 63.2	0.3 70.9 0.3 70.6 0.0 65.1	57.7 69.0 57.7 68.8 33.7 63.2	0.3 70.9 5 0.4 70.7 5 0.0 65.1	9 69.1 0.4 9 68.9 0.5 6 63.2 0.0	71.0 70.8 65.1	53.3 68.8 0.1 53.3 68.5 0.1 32.9 63.2 0.0	70.7 51.6 68. 70.4 51.5 68. 65.1 36.7 63.	.2 0.0	70.7 55.2 68.9 70.4 56.3 68.7 65.1 41.1 63.2	9 0.2 7 0.3 2 0.0	70.8 53.4 68.8 70.6 54.8 68.6 65.1 38.9 63.2	0.1 70.7 58.2 69.1 0.2 70.5 58.2 68.8 0.0 65.1 35.9 63.2	0.4 71.0 54 68.8 0.1 0.4 70.7 54 68.6 0.2 0.0 65.1 34.1 63.2 0.0	70.7 56.4 68.9 0.2 70.5 56.3 68.7 0.3 65.1 36 63.2 0.0	70.8 45.1 68.7 70.6 44.7 68.4 65.1 32.4 63.2	0.0 70.6 0.0 70.3 0.0 65.1	
062A 002.0G 062A 003.0G 062A 004.0G	2 062A 3 062A 4 062A	64.3 65.2 65.9	66.2         38.9         64.3         0.0           67.1         39         65.2         0.0           67.8         39.2         65.9         0.0	66.2         40.7         64.3         0.0           67.1         40.9         65.2         0.0           67.8         41.4         65.9         0.0	66.2 67.1 67.8	39.3         64.3         0.0           39.5         65.2         0.0           39.9         65.9         0.0	66.2         35.8         64.3           67.1         36.1         65.2           67.8         36.6         65.9	0.0 66.2 0.0 67.1 0.0 67.8	33.8 64.3 34.1 65.2 34.5 65.9	0.0 66.2 3 0.0 67.1 3 0.0 67.8 3	2 64.3 0.0 5 65.2 0.0 9 65.9 0.0	66.2 67.1 67.8	33.1         64.3         0.0           33.4         65.2         0.0           33.8         65.9         0.0	66.2 36.8 64. 67.1 37.1 65. 67.8 37.5 65:	.3 0.0 .2 0.0 .9 0.0	66.2         41.3         64.3           67.1         41.5         65.2           67.8         41.9         65.9	3 0.0 2 0.0 9 0.0	66.2 39 64.3 67.1 39.3 65.2 67.8 39.7 65.9	0.0         66.2         36.1         64.3           0.0         67.1         36.9         65.2           0.0         67.8         37.3         65.9	0.0         66.2         34.2         64.3         0.0           0.0         67.1         34.4         65.2         0.0           0.0         67.8         34.8         65.9         0.0	66.2         36.2         64.3         0.0           67.1         36.5         65.2         0.0           67.8         36.9         65.9         0.0	66.2 32.6 64.3 67.1 32.9 65.2 67.8 33.4 65.9	0.0 66.2 0.0 67.1 0.0 67.8	
0628 001.0G 0628 002.0G 0628 003.0G	1 0628 2 0628 3 0628 4 0628	73.7 74.1 73.8 72.4	75.6 55.5 73.8 0.1 76.0 55.8 74.2 0.1 75.7 55.8 73.9 0.1 76.2 55.6 73.9 0.1	75.7 58.6 73.8 0.1 76.1 59 74.2 0.1 75.8 58.9 73.9 0.1 75.8 58.9 73.9 0.1	75.7 76.1 75.8 75.4	56.7 73.8 0.1 57.1 74.2 0.1 57 73.9 0.1 56.7 73.5 0.1	75.7 57.5 73.8 76.1 57 74.2 75.8 56.8 73.9 75.4 56.4 73.5	0.1 75.7 0.1 76.1 0.1 75.8 0.1 75.8	56.3 73.8 55.5 74.2 55.3 73.9 55.1 73.5	0.1 75.7 5 0.1 76.1 5 0.1 75.8 5 0.1 75.4 5	1 73.8 0.1 4 74.2 0.1 1 73.9 0.1 2 72.5 0.1	75.7 76.1 75.8 75.4	53.5 73.7 0.0 53.1 74.1 0.0 52.8 73.8 0.0 53.6 73.4 0.0	75.6 54 73. 76.0 54.4 74. 75.7 56.3 73. 76.2 56.1 72	.7 0.0 .1 0.0 .9 0.1	75.6 57.8 73.8 76.0 58.7 74.2 75.8 58.7 73.9 75.4 59.5 73.9	8 0.1 2 0.1 9 0.1	75.7 55.5 73.8 76.1 56.8 74.2 75.8 56.8 73.9 76.4 56.5 73.9	0.1 75.7 59.4 73.9 0.1 76.1 59.1 74.2 0.1 75.8 58.7 73.9 0.1 75.4 59.6 72.5	0.2 75.8 56 73.8 0.1 0.1 76.1 55.6 74.2 0.1 0.1 75.8 55.3 73.9 0.1 0.1 75.8 55.3 73.9 0.1	75.7 58.2 73.8 0.1 76.1 58 74.2 0.1 75.8 57.7 73.9 0.1 75.4 57.5 72.5 0.1	75.7 52 73.7 76.1 52.3 74.1 75.8 52.2 73.8 75.4 51.9 72.4	0.0 75.6 0.0 76.0 0.0 75.7 0.0 75.7	
063A 001.0G 063A 002.0G 063A 003.0G	1 063A 2 063A 3 063A	72.5 73.3 73.0	74.4         54.7         72.6         0.1           75.2         55.5         73.4         0.1           74.9         55.6         73.1         0.1	74.5 57 72.6 0.1 75.3 57.7 73.4 0.1 75.0 57.4 73.1 0.1	74.5 75.3 75.0	55.4         72.6         0.1           56.1         73.4         0.1           56         73.1         0.1	74.5 57.1 72.6 75.3 56.5 73.4 75.0 56.3 73.1	0.1 74.5 0.1 75.3 0.1 75.0	56.1 72.6 55.1 73.4 55 73.1	0.1 74.5 9 0.1 75.3 5 0.1 75.0 5	8 72.7 0.2 3 73.4 0.1 2 73.1 0.1	74.6 75.3 75.0	53         72.5         0.0           52.7         73.3         0.0           52.5         73.0         0.0	74.4 52.4 72. 75.2 53.1 73. 74.9 52.8 73.	.5 0.0 .3 0.0 .0 0.0	74.4 56.5 72.6 75.2 57.4 73.4 74.9 57.6 73.1	6 0.1 4 0.1 1 0.1	74.5 54.9 72.6 75.3 55.8 73.4 75.0 56.2 73.1	0.1 74.5 53.2 72.6 0.1 75.3 53.8 73.3 0.1 75.0 53.5 73.0	0.1         74.5         51.6         72.5         0.0           0.0         75.2         52.2         73.3         0.0           0.0         74.9         52         73.0         0.0	74.4         53.6         72.6         0.1           75.2         54.3         73.4         0.1           74.9         54         73.1         0.1	74.5 49.4 72.5 75.3 50.1 73.3 75.0 49.8 73.0	0.0 74.4 0.0 75.2 0.0 74.9	
063A 004.0G 063A 005.0G 063B 001.0G	4 063A 5 063A 1 063B	72.4 71.9 63.0	74.3         55.4         72.5         0.1           73.8         55.2         72.0         0.1           64.9         40.5         63.0         0.0	74.4 57.1 72.5 0.1 73.9 56.6 72.0 0.1 64.9 42.6 63.0 0.0	74.4 73.9 64.9	55.6 72.5 0.1 58.6 72.1 0.2 42.6 63.0 0.0	74.4 56.1 72.5 74.0 55.8 72.0 64.9 54 63.5	0.1 74.4 0.1 73.9 0.5 65.4	54.8 72.5 54.7 72.0 53.9 63.5	0.1 74.4 5 0.1 73.9 5 0.5 65.4 5	9 72.5 0.1 7 72.0 0.1 3 63.3 0.4	74.4 73.9 65.2	52.2 72.4 0.0 51.9 71.9 0.0 35.2 63.0 0.0	74.3 53.7 72. 73.8 53.6 72. 64.9 37.2 63.	.5 0.1 .0 0.1 .0 0.0	74.4 57.2 72.5 73.9 57.3 72.0 64.9 41.2 63.0	5 0.1 0 0.1 0 0.0	74.4 55.9 72.5 73.9 55.9 72.0 64.9 38.5 63.0	0.1         74.4         53.1         72.5           0.1         73.9         52.8         72.0           0.0         64.9         42.3         63.0	0.1         74.4         51.8         72.4         0.0           0.1         73.9         51.7         71.9         0.0           0.0         64.9         32.6         63.0         0.0	74.3 53.7 72.5 0.1 73.8 53.4 72.0 0.1 64.9 35 63.0 0.0	74.4 49.2 72.4 73.9 48.7 71.9 64.9 31.4 63.0	0.0 74.3 0.0 73.8 0.0 64.9	
0638 002.0G 0638 003.0G 0638 004.0G 0638 005.0G	2 0638 3 0638 4 0638 5 0638	63.0 63.0 63.0	64.9         40.9         63.0         0.0           64.9         42.7         63.0         0.0           64.9         47.3         63.1         0.1           64.9         47.3         63.1         0.2	64.9 43.8 63.0 0.1 64.9 46.4 63.0 0.1 65.0 50 63.2 0.2 65.0 51 63.2 0.3	64.9 64.9 65.1 65.1	44.5 63.0 0.1 49.8 63.2 0.2 55.4 63.7 0.7 55.2 63.6 0.7	64.9 54.1 65.5 65.1 55.3 63.6 65.6 57.5 64.0 65.5 57 63.9	0.5 65.4 0.7 65.5 1.1 65.9 1.0 65.8	54 63.5 55.2 63.6 57.4 64.0 56.9 63.9	0.5 65.4 5 0.7 65.5 5 1.1 65.9 5 1.0 65.8 5	4         63.3         0.4           .5         63.5         0.6           7         63.9         1.0           .5         63.8         0.9	65.4 65.8 65.7	42.2 63.0 0.0 41.8 63.0 0.0 41.9 63.0 0.0	64.9 37.7 65. 64.9 38.1 63. 64.9 38.8 63. 64.9 39.4 63.	.0 0.0 .0 0.0 .0 0.0	64.9 41.5 63.0 64.9 42 63.0 64.9 42.7 63.0 64.9 43.1 63.0	0.0	64.9 38.8 63.0 64.9 39.2 63.0 64.9 40 63.0 64.9 40 63.0	0.0 64.9 42.4 63.0 0.0 64.9 42.6 63.0 0.0 64.9 42.9 63.0 0.0 64.9 43 63.0	0.0         64.9         32.9         63.0         0.0           0.0         64.9         33.5         63.0         0.0           0.0         64.9         34.5         63.0         0.0           0.0         64.9         34.5         63.0         0.0           0.0         64.9         34.8         63.0         0.0	64.9 35.4 63.0 0.0 64.9 36.1 63.0 0.0 64.9 37.1 63.0 0.0 64.9 37.4 63.0 0.0	64.9 31.9 63.0 64.9 32.6 63.0 64.9 33.7 63.0 64.9 34 63.0	0.0 64.9 0.0 64.9 0.0 64.9	
063C 001.0G 063C 002.0G 063C 003.0G	1 063C 2 063C 3 063C	63.7 64.2 64.4	65.6         41.2         63.7         0.0           66.1         42.1         64.2         0.0           66.3         42.9         64.4         0.0	65.6         43.8         63.7         0.0           66.1         45         64.3         0.1           66.3         46.2         64.5         0.1	65.6 66.2 66.4	42.2 63.7 0.0 43.3 64.2 0.0 44.3 64.4 0.0	65.6         40.6         63.7           66.1         41.7         64.2           66.3         42.7         64.4	0.0 65.6 0.0 66.1 0.0 66.3	38.4 63.7 39.4 64.2 40.2 64.4	0.0 65.6 4 0.0 66.1 4 0.0 66.3 4	9 63.7 0.0 9 64.2 0.0 9 64.4 0.0	65.6 66.1 66.3	37.6         63.7         0.0           38.7         64.2         0.0           39.7         64.4         0.0	65.6 41 63. 66.1 42.2 64. 66.3 43.2 64.	.7 0.0 .2 0.0 .4 0.0	65.6         45         63.8           66.1         46.1         64.3           66.3         47.1         64.5	8 0.1 3 0.1 5 0.1	65.7 42.2 63.7 66.2 43.4 64.2 66.4 44.4 64.4	0.0         65.6         39.5         63.7           0.0         66.1         40.9         64.2           0.0         66.3         42.1         64.4	0.0         65.6         36.7         63.7         0.0           0.0         66.1         38.1         64.2         0.0           0.0         66.3         39.2         64.4         0.0	65.6         39.6         63.7         0.0           66.1         41         64.2         0.0           66.3         42.2         64.4         0.0	65.6 36.6 63.7 66.1 38 64.2 66.3 39.1 64.4	0.0 65.6 0.0 66.1 0.0 66.3	
063C 004.0G 063C 005.0G 063D 001.0G	4 063C 5 063C 1 063D	64.2 64.0 64.0	66.1         43.1         64.2         0.0           65.9         43.1         64.0         0.0           65.9         52.5         64.3         0.3           66.2         52.2         64.6         0.2	66.1 46.5 64.3 0.1 65.9 46.5 64.1 0.1 66.2 52.8 64.3 0.3 66.5 52.2 64.6 0.2	66.2 66.0 66.2	44.5 64.2 0.0 44.5 64.0 0.0 52.9 64.3 0.3 52.4 64.6 0.2	66.1 43.1 64.2 65.9 43.3 64.0 66.2 55.5 64.6 66.5 54.4 64.7	0.0 66.1 0.0 65.9 0.6 66.5 0.4 66.6	40.6 64.2 40.8 64.0 56.3 64.7 55.5 64.9	0.0 66.1 4 0.0 65.9 4 0.7 66.6 5 0.5 66.7 5	3 64.2 0.0 5 64.0 0.0 9 64.8 0.8 9 64.9 0.6	66.1 65.9 66.7 66.9	40.1 64.2 0.0 40.3 64.0 0.0 50.6 64.2 0.2 49.4 64.4 0.1	65.1 43.6 64. 65.9 43.9 64. 66.1 42 64. 66.1 42 64.	.2 0.0 .0 0.0 .0 0.0	66.1 47.4 64.3 65.9 47.7 64.1 65.9 46 64.1 66.2 47.1 64.4	3 0.1 1 0.1 1 0.1	66.2 44.6 64.2 66.0 44.6 64.0 66.0 43.9 64.0 66.2 45 64.0	0.0         66.1         42.5         64.2           0.0         65.9         42.8         64.0           0.0         65.9         40.2         64.0           0.1         66.2         41.5         64.2	0.0 66.1 39.6 64.2 0.0 0.0 65.9 39.8 64.0 0.0 0.0 65.9 37.5 64.0 0.0 0.0 66.9 37.5 64.0 0.0	66.1 42.6 64.2 0.0 65.9 42.8 64.0 0.0 65.9 40.5 64.0 0.0 65.9 40.5 64.0 0.0	66.1 39.5 64.2 65.9 39.8 64.0 65.9 37.4 64.0 66.9 22.6 64.2	0.0 66.1 0.0 65.9 0.0 65.9	
063D 003.0G 063D 004.0G 063D 005.0G	3 063D 4 063D 5 063D	64.5 64.5 64.5	66.4         53.7         64.8         0.3           66.4         53.7         64.8         0.3           66.4         54.1         64.9         0.4           66.4         57         65.2         0.7	66.7 53.8 64.9 0.4 66.8 54.3 64.9 0.4 67.1 54.3 64.9 0.4	66.8 66.8 66.8	53.9 64.9 0.4 54.3 64.9 0.4 54.4 64.9 0.4	66.8 54.5 64.9 66.8 54.5 64.9 66.8 54.5 64.9	0.4 66.8 0.4 66.8 0.4 66.8	55.5 65.0 55.5 65.0 55.7 65.0	0.5 66.9 5 0.5 66.9 5 0.5 66.9 5	6 65.1 0.6 6 65.1 0.6 .2 65.1 0.6	67.0 67.0 67.0	49.5 64.6 0.1 49.6 64.6 0.1 49.6 64.6 0.1	66.5 43.9 64. 66.5 44.5 64. 66.5 44.6 64.	.5 0.0 .5 0.0 .5 0.0	66.4 47.9 64.6 66.4 48.4 64.6 66.4 48.5 64.6	6 0.1 6 0.1 6 0.1	66.5 45.7 64.6 66.5 46.1 64.6 66.5 46.2 64.6	0.1 66.5 42.5 64.5 0.1 66.5 43.1 64.5 0.1 66.5 43.1 64.5	0.0         66.4         39.7         64.5         0.0           0.0         66.4         40.2         64.5         0.0           0.0         66.4         40.3         64.5         0.0	66.4 42.7 64.5 0.0 66.4 43.1 64.5 0.0 66.4 43.2 64.5 0.0	66.4 39.6 64.5 66.4 40 64.5 66.4 40.2 64.5	0.0 66.4 0.0 66.4 0.0 66.4	
064A 001.0G 064A 002.0G 064B 001.0G	1 064A 2 064A 1 064B	63.0 63.0 63.0	64.5         40.9         63.0         0.0           64.5         41.4         63.0         0.0           64.5         42.7         63.0         0.0	64.5 44.7 63.0 0.1 64.5 45.4 63.0 0.1 64.5 45 63.0 0.1	64.5 64.5 64.5	43.3 63.0 0.0 43.7 63.0 0.1 46.5 63.0 0.1	64.5 40.1 63.0 64.5 41.5 63.0 64.5 62.6 65.8	0.0 64.5 0.0 64.5 2.8 67.3	39 63.0 40.6 63.0 60.6 64.9	0.0 64.5 4 0.0 64.5 4 2.0 66.4 5	3 63.0 0.0 6 63.0 0.0 7 64.6 1.7	64.5 64.5 66.1	35.5 63.0 0.0 35.8 63.0 0.0 51.9 63.3 0.3	64.5 37.6 63. 64.5 38.2 63. 64.8 37.7 63.	.0 0.0 .0 0.0 .0 0.0	64.5         41.6         63.0           64.5         42         63.0           64.5         41.9         63.0	0.0 0.0 0.0 0.0	64.5 39.1 63.0 64.5 39.5 63.0 64.5 39.3 63.0	0.0         64.5         34.6         63.0           0.0         64.5         35.2         63.0           0.0         64.5         34.7         63.0	0.0         64.5         33.2         63.0         0.0           0.0         64.5         33.6         63.0         0.0           0.0         64.5         32.9         63.0         0.0           0.0         64.5         32.9         63.0         0.0	64.5         35.4         63.0         0.0           64.5         36         63.0         0.0           64.5         35.3         63.0         0.0	64.5 31.6 63.0 64.5 32.2 63.0 64.5 31.7 63.0	0.0 64.5 0.0 64.5 0.0 64.5	
064B 002.0G 064D 001.0G 064D 002.0G	2 064B 1 064D 2 064D	63.0 63.0 63.0	64.5 48.4 63.1 0.1 64.5 44.7 63.0 0.1 64.5 46.4 63.0 0.1 65.9 46 63.0 0.1	64.6 47.2 63.1 0.1 64.5 46.6 63.0 0.1 64.5 48.2 63.1 0.1 64.5 48.2 63.1 0.1	64.6 64.5 64.6 65 8	52.9 63.4 0.4 46.4 63.0 0.1 51.3 63.2 0.3 44.5 63.0 0.1	64.9 62.6 65.8 64.5 57.9 64.1 64.7 58.5 64.3 65.9 60.2 64.9	2.8 67.3 1.2 65.6 1.3 65.8 1.9 67.6	60.7 65.0 57.3 64.0 57.9 64.1 55.6 62.7	2.0 66.5 5 1.0 65.5 5 1.2 65.6 9	8 64.7 1.7 1 63.8 0.8 7 63.9 1.0 64.4 1.5	65.3 65.4 67.2	52.1 63.3 0.3 42.9 63.0 0.0 43.5 63.0 0.0	64.8 38.7 63. 64.5 40.1 63. 64.5 41.2 63. 66.4 27.5 62.	.0 0.0 .0 0.0 .0 0.0	64.5 42.7 63.0 64.5 44.2 63.0 64.5 45.2 63.0 65.9 41.9 63.0	0 0.0 0 0.1 0 0.1	64.5 40.1 63.0 64.5 41.9 63.0 64.5 42.9 63.0 65.0 65.0 66.0 65.0	0.0 64.5 35.4 63.0 0.0 64.5 38.2 63.0 0.0 64.5 39.3 63.0 0.0 64.5 39.3 63.0	0.0 64.5 33.4 63.0 0.0 0.0 64.5 35.8 63.0 0.0 0.0 64.5 36.8 63.0 0.0 1.2 67.1 54.2 62.5 0.5	64.5 35.9 63.0 0.0 64.5 38.5 63.0 0.0 64.5 39.6 63.0 0.0 64.5 39.6 63.0 0.0	64.5 32.4 63.0 64.5 35.2 63.0 64.5 36.3 63.0 66.5 22.9 62.0	0.0 64.5 0.0 64.5 0.0 64.5	
065A 002.0G 065A 003.0G 065A 004.0G	2 065A 3 065A 4 065A	63.0 63.0 63.0	65.8         49.1         63.1         0.2           65.8         55.1         63.6         0.7           65.8         57.4         64.0         1.1	65.9         48.9         63.1         0.2           66.4         53.6         63.4         0.5           66.8         55.6         63.7         0.7	65.9 66.2 66.5	47.1 63.1 0.1 53.7 63.4 0.5 56.9 63.9 1.0	65.9 60.4 64.9 66.2 60.4 64.9 66.7 60.2 64.8	1.9 67.7 1.9 67.7 1.8 67.6	56.2 63.8 56.1 63.8 55.6 63.7	0.8 66.6 5 0.8 66.6 5 0.7 66.5 5	1 64.4 1.5 9 64.4 1.5 6 64.3 1.4	67.2 67.2 67.1	54.6         63.5         0.6           54.5         63.5         0.6           54.2         63.5         0.5	66.3 38.1 63. 66.3 38.8 63. 66.3 39.7 63.	.0 0.0 .0 0.0 .0 0.0	65.8 42.3 63.0 65.8 42.9 63.0 65.8 43.9 63.0	0 0.0 0 0.0 0 0.1	65.8 39.6 63.0 65.8 40.2 63.0 65.8 41.3 63.0	0.0 65.8 57.2 64.0 0.0 65.8 57.2 64.0 0.0 65.8 57.2 64.0 0.0 65.8 57.2 64.0	1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4	66.2         55.1         63.6         0.7           66.2         55.1         63.6         0.7           66.2         55.1         63.6         0.7           66.2         55.2         63.6         0.7	66.4 34.1 63.0 66.4 34.7 63.0 66.4 35.9 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 005.0G 065A 006.0G 065A 007.0G	5 065A 6 065A 7 065A	63.0 63.0 63.0	65.8         61.8         65.4         2.5           65.8         62.7         65.8         2.9           65.8         62         65.5         2.6	68.2 58.8 64.4 1.4 68.6 60.5 64.9 2.0 68.3 60.5 64.9 2.0	67.2 67.7 67.7	60.5         64.9         2.0           60.3         64.8         1.9           60         64.7         1.8	67.7 60.2 64.8 67.6 60.2 64.8 67.5 59.5 64.6	1.8 67.6 1.8 67.6 1.6 67.4	55.6 63.7 55.7 63.7 55.7 63.7	0.7 66.5 9 0.7 66.5 9 0.7 66.5 9	9 64.4 1.5 9 64.4 1.5 9 64.4 1.5	67.2 67.2 67.2	54.5         63.5         0.6           54.5         63.5         0.6           54.5         63.5         0.6           54.5         63.5         0.6	66.3 40 63. 66.3 40.7 63. 66.3 40.2 63. 66.3 40.2 63.	.0 0.0 .0 0.0 .0 0.0	65.8 44.2 63.0 65.8 44.7 63.0 65.8 44.5 63.0	0 0.1 0 0.1 0 0.1	65.8 41.9 63.0 65.8 42.4 63.0 65.8 42.4 63.0	0.0         65.8         57.3         64.0           0.0         65.8         57.3         64.0           0.0         65.8         57.3         64.0           0.0         65.8         57.3         64.0	1.0         66.8         53         63.4         0.4           1.0         66.8         53         63.4         0.4           1.0         66.8         53         63.4         0.4           1.0         66.8         53         63.4         0.4           1.0         66.8         53         63.4         0.4	66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7	66.4 36.3 63.0 66.4 36.9 63.0 66.4 36.3 63.0 66.4 36.3 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 009.0G 065A 010.0G 065A 011.0G	9 065A 10 065A 11 065A	63.0 63.0 63.0	b5.8         b2.2         b5.6         2.7           65.8         62.6         65.8         2.8           65.8         62.6         65.8         2.8           65.8         63.1         66.0         3.1	b8.4         b1         b5.1         2.1           68.6         64.7         66.9         4.0           68.6         64.7         66.9         4.0           88.6         64.7         66.9         5.0           9         68.8         66.3         68.0         5.0	YES 69.7 YES 69.7 YES 70.8	60.5 64.9 2.0 60.7 65.0 2.0 60.6 64.9 2.0 60.6 64.9 2.0	67.7 61.5 65.3 67.8 60.2 64.8 67.7 60.1 64.8 67.7 61.5 65.3	1.6 67.6 1.8 67.6 1.8 67.6 2.3 68.1	55.5 63.7 57.2 64.0 57.3 64.0 59.1 64.4	0.7         66.5         5           1.0         66.8         5           1.0         66.8         5           1.5         67.2         6	9 64.4 1.4 5 64.6 1.6 5 64.6 1.6 3 64.8 1.9	67.4 67.4 67.6	54.5 63.5 0.6 54.4 63.5 0.6 54.4 63.5 0.6 55.2 63.6 0.7	66.3 40.3 63. 66.3 40.3 63. 66.3 40.4 63. 66.4 40.5 63.	.0 0.0 .0 0.0 .0 0.0	65.8 44.7 63.0 65.8 44.7 63.0 65.8 45 63.0 65.8 45.2 63.0	0 0.1 0 0.1 0 0.1	65.8 42.6 63.0 65.8 42.7 63.0 65.8 43 63.0 65.8 43 63.0	0.0 65.8 57.3 64.0 0.0 65.8 57.3 64.0 0.0 65.8 57.3 64.0 0.0 65.8 57.3 64.0	1.0         b6.8         5.3         b3.4         0.4           1.0         66.8         53         63.4         0.4           1.0         66.8         53         63.4         0.4           1.0         66.8         53         63.4         0.4           1.0         66.8         53         63.4         0.4	66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7	66.4 36.5 63.0 66.4 36.6 63.0 66.4 36.7 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 012.0G 065A 013.0G 065A 014.0G	12 065A 13 065A 14 065A	63.0 63.0 63.0	65.8         63         66.0         3.0           65.8         62.9         65.9         3.0           65.8         62.8         65.9         2.9	YES         68.8         64.5         66.8         3.9           68.7         64.5         66.8         3.9           68.7         62.2         65.6         2.7	YES 69.6 YES 69.6 68.4	60.7         65.0         2.0           60.7         65.0         2.0           60.6         64.9         2.0	67.8 62.5 65.7 67.8 62.5 65.7 67.7 61.3 65.2	2.8 68.5 2.8 68.5 2.3 68.0	59 64.4 59 64.4 59 64.4	1.5         67.2         6           1.5         67.2         6           1.5         67.2         6           1.5         67.2         6	7 65.0 2.0 7 65.0 2.0 5 64.9 2.0	67.8 67.8 67.7	54.7         63.6         0.6           54.3         63.5         0.6           54.3         63.5         0.6	66.4 40.6 63. 66.3 40.7 63. 66.3 40.7 63.	.0 0.0 .0 0.0 .0 0.0	65.8         45.5         63.0           65.8         45.7         63.0           65.8         46.1         63.0	0 0.1 0 0.1 0 0.1	65.8 43.7 63.0 65.8 44 63.0 65.8 44.5 63.0	0.1         65.8         57.3         64.0           0.1         65.8         57.3         64.0           0.1         65.8         57.2         64.0           0.1         65.8         57.2         64.0	1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4	66.2         55.2         63.6         0.7           66.2         55.2         63.6         0.7           66.2         55.2         63.6         0.7           66.2         55.2         63.6         0.7	66.4 36.8 63.0 66.4 36.9 63.0 66.4 37 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 015.0G 065A 016.0G 065A 017.0G	15 065A 16 065A 17 065A	63.0 63.0 63.0	65.8         62.8         65.9         2.9           65.8         62.8         65.9         2.9           65.8         62.8         65.9         2.9           65.8         62.8         65.9         2.9	68.7 63.1 66.0 3.1 68.7 63.3 66.1 3.2 68.7 63.6 66.3 3.3	YES 68.8 YES 68.9 YES 69.1	60.5 64.9 2.0 60.4 64.9 1.9 60.1 64.8 1.8	67.7 61.3 65.2 67.7 61.2 65.2 67.6 61.2 65.2	2.3 68.0 2.2 68.0 2.2 68.0	58.9 64.4 58.9 64.4 58.8 64.4	1.4         67.2         6           1.4         67.2         6           1.4         67.2         6           1.4         67.2         6	3 64.8 1.9 3 64.8 1.9 0 64.7 1.8	67.6 67.6 67.5	54.2         63.5         0.5           54         63.5         0.5           53.3         63.4         0.4	66.3 40.8 63. 66.3 40.8 63. 66.2 40.9 63. 66.2 40.9 63.	.0 0.0 .0 0.0 .0 0.0	65.8 46.4 63.0 65.8 46.8 63.1 65.8 47.2 63.1	0 0.1 1 0.1 1 0.1	65.8 44.9 63.0 65.9 45.4 63.0 65.9 46 63.0	0.1 65.8 57.2 64.0 0.1 65.8 57.2 64.0 0.1 65.8 57.2 64.0	1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4           1.0         66.8         52.9         63.4         0.4	66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7 66.2 55.2 63.6 0.7	66.4 37.1 63.0 66.4 37.2 63.0 66.4 37.3 63.0 66.4 37.3 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 019.0G 065A 020.0G 065A 020.0G	18 065A 19 065A 20 065A 21 065A	63.0 63.0 63.0	b5.8         b2.7         b5.8         2.9           65.8         62.6         65.8         2.8           65.8         62.5         65.7         2.8           65.8         62.4         65.7         2.7	68.5 63.7 66.4 3.4 68.5 63.7 66.4 3.4 68.5 63.7 66.4 3.4	YES         69.2           YES         69.2           YES         69.2           YES         69.2	b0         b4.7         1.8           59.9         64.7         1.7           59.8         64.7         1.7           59.7         64.6         1.7	67.5 61 65.1 67.5 60.9 65.1 67.5 60.2 64.8 67.4 59.8 64.7	2.1 67.9 2.1 67.9 1.8 67.6 1.7 67.5	59.1 64.4 59 64.4 57.9 64.1 57.3 64.0	1.5 67.2 6 1.5 67.2 0 1.2 66.9 5 1.0 66.8	1 64.8 1.8 0 64.7 1.8 .4 64.5 1.6 9 64.4 1.5	67.5 67.3 67.2	53.5 63.4 0.5 53.5 63.4 0.5 53.5 63.4 0.5 51.8 63.3 0.3	66.2 40.9 63. 66.2 41 63. 66.2 41.1 63. 66.1 41.2 63.	.0 0.0 .0 0.0 .0 0.0	65.8 47.7 63.1 65.8 48.2 63.1 65.8 48.6 63.1 65.8 48.7 63.1	1 0.1 1 0.1 1 0.2 1 0.2	65.9 47.2 63.1 65.9 47.7 63.1 65.9 47.7 63.1	0.1 65.8 57.2 64.0 0.1 65.9 57.2 64.0 0.1 65.9 57.1 64.0 0.1 65.9 57.1 64.0	1.0         b6.8         52.8         b5.4         0.4           1.0         66.8         52.8         63.4         0.4           1.0         66.8         52.8         63.4         0.4           1.0         66.8         52.8         63.4         0.4           1.0         66.8         52.8         63.4         0.4	66.2 55.1 63.6 0.7 66.2 55.1 63.6 0.7 66.2 55.1 63.6 0.7 66.2 55.1 63.6 0.7	66.4 37.5 63.0 66.4 37.5 63.0 66.4 37.7 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 022.0G 065A 023.0G 065A 024.0G	22 065A 23 065A 24 065A	63.0 63.0 63.0	65.8         62.3         65.6         2.7           65.8         62.2         65.6         2.7           65.8         61.4         65.3         2.3	68.4         63.6         66.3         3.3           68.4         63.5         66.2         3.3           68.1         63.4         66.2         3.2	YES         69.1           YES         69.0           YES         69.0	59.6         64.6         1.7           59.5         64.6         1.6           59.4         64.5         1.6	67.4 59.7 64.6 67.4 58.8 64.4 67.3 58.7 64.3	1.7 67.4 1.4 67.2 1.4 67.1	57.2 64.0 55.7 63.7 55.6 63.7	1.0 66.8 5 0.7 66.5 5 0.7 66.5 9	7 64.3 1.4 1 64.2 1.2 8 64.2 1.2	67.1 67.0 67.0	51.8         63.3         0.3           51.7         63.3         0.3           51.7         63.3         0.3           51.7         63.3         0.3	66.1 41.6 63. 66.1 41.7 63. 66.1 42.4 63.	.0 0.0 .0 0.0 .0 0.0	65.8         49.1         63.1           65.8         51.6         63.3           65.8         52         63.3	1 0.2 3 0.3 3 0.3	65.9 48.1 63.1 66.1 50.4 63.2 66.1 50.9 63.2	0.1         65.9         57.1         64.0           0.2         66.0         57.1         64.0           0.3         66.0         57         63.9	1.0         66.8         52.8         63.4         0.4           1.0         66.8         52.7         63.3         0.4           1.0         66.7         52.7         63.3         0.4	66.2         55         63.6         0.6           66.1         55         63.6         0.6           66.1         55         63.6         0.6	66.4 37.7 63.0 66.4 37.7 63.0 66.4 37.8 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 025.0G 065A 026.0G 065A 027.0G	25 065A 26 065A 27 065A	63.0 63.0 63.0	65.8         61.3         65.2         2.3           65.8         61.2         65.2         2.2           65.8         61.1         65.1         2.2           65.8         61.0         65.1         2.2	68.0 63.2 66.1 3.1 68.0 63.1 66.0 3.1 67.9 63 66.0 3.0 67.9 63 66.0 3.0	YES         68.9           YES         68.8           YES         68.8           G8.2         68.8	59.3         64.5         1.6           59.2         64.5         1.5           59.1         64.4         1.5	67.3 58.6 64.3 67.3 58.5 64.3 67.2 58.4 64.3 67.2 58.4 64.3	1.4 67.1 1.3 67.1 1.3 67.1 1.3 67.1	55.4 63.7 55.4 63.7 55.3 63.6	0.7 66.5 5 0.7 66.5 5 0.7 66.4 5 0.6 66.2 5	9 64.1 1.2 6 63.9 0.9 3 63.8 0.9 9 63.7 0.9	66.9 66.7 66.6	51.6         63.3         0.3           50.1         63.2         0.2           49.5         63.1         0.2	66.1 42.6 63. 66.0 43 63. 65.9 45.2 63.	.0 0.0 .0 0.0 .0 0.1	65.8 53 63.4 65.8 53.8 63.4 65.8 54.6 63.5 65.8 54.6 63.5	4 0.4 4 0.5 5 0.6	66.2 51.9 63.3 66.2 52.6 63.3 66.3 53.2 63.4 66.3 53.2 63.4	0.3 66.1 57 63.9 0.4 66.1 57 63.9 0.4 66.2 56.9 63.9	1.0         66.7         52.7         63.3         0.4           1.0         66.7         52.6         63.3         0.4           1.0         66.7         52.6         63.3         0.4           1.0         66.7         52.6         63.3         0.4	66.1 55 63.6 0.6 66.1 54.9 63.6 0.6 66.1 54.9 63.6 0.6 66.1 54.9 63.6 0.6	66.4 37.8 63.0 66.4 37.6 63.0 66.4 37.5 63.0 66.4 37.5 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 029.0G 065A 030.0G 065A 031.0G	29 065A 30 065A 31 065A	63.0 63.0 63.0	05.8         00.5         05.1         2.1           65.8         60.8         65.0         2.1           65.8         59.8         64.7         1.7           65.8         59.7         64.6         1.7	67.8 62.7 65.8 2.9 67.8 62.7 65.8 2.9 67.5 62.6 65.8 2.8 67.4 62.5 65.7 2.8	68.6 68.6 68.5	58.5 04.4 1.4 58.8 64.4 1.4 58.8 64.4 1.4 58.7 64.3 1.4	67.2 57.6 64.1 67.2 57.6 64.1 67.1 57.5 64.0	1.1 66.9 1.1 66.9 1.1 66.9	54.4 63.5 54.3 63.5 54.4 63.5	0.6 66.3 5 0.6 66.3 5 0.6 66.3 5	.3         .03.7         0.8           .7         .63.7         0.7           .7         .63.7         0.7           .6         .63.7         0.7	66.5 66.5 66.5	48.9 63.1 0.2 48.8 63.1 0.2 49 63.1 0.2 49 63.1 0.2	65.9 47 63. 65.9 47 63. 65.9 48 63. 65.9 48.8 63.	0 0.1 1 0.1 1 0.1 1 0.2	65.9 55.4 63.7 65.9 56.3 63.8 65.9 57 63.9	0.0 7 0.7 8 0.9 9 1.0	00.4 33.4 03.4 66.5 53.7 63.4 66.6 54.4 63.5 66.7 53.6 63.4	0.5 06.2 56.9 63.9 0.6 66.3 56.8 63.9 0.5 66.2 56.8 63.9	1.0         06.7         52.5         63.3         0.4           1.0         66.7         52.5         63.3         0.4           0.9         66.7         52.5         63.3         0.4           0.9         66.7         52.5         63.3         0.4	66.1 54.8 63.6 0.6 66.1 54.8 63.6 0.6 66.1 54.7 63.6 0.6 66.1 54.7 63.6 0.6	66.4 37.4 63.0 66.4 37.4 63.0 66.4 37.4 63.0 66.4 37.4 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 032.0G 065A 033.0G 065A 034.0G	32 065A 33 065A 34 065A	63.0 63.0 63.0	65.8         59.7         64.6         1.7           65.8         59.7         64.6         1.7           65.8         59.7         64.6         1.7	67.4         62.4         65.7         2.7           67.4         62.3         65.6         2.7           67.4         61.2         65.2         2.2	68.5 68.4 68.0	58.7         64.3         1.4           58.7         64.3         1.4           58.7         64.3         1.4	67.1 57.4 64.0 67.1 58.6 64.3 67.1 58.4 64.3	1.1 66.8 1.4 67.1 1.3 67.1	54.3 63.5 56.5 63.8 56.4 63.8	0.6 66.3 5 0.9 66.6 5 0.9 66.6 5	5 63.7 0.7 8 63.9 0.9 7 64.1 1.1	66.5 66.7 66.9	49.1         63.1         0.2           49.2         63.1         0.2           51.8         63.3         0.3	65.9 51 63. 65.9 52 63. 66.1 51.5 63.	.2 0.3 .3 0.3 .3 0.3	66.0         57.9         64.1           66.1         57.9         64.1           66.1         58.7         64.3	1 1.2 1 1.2 3 1.4	66.9 54.5 63.5 66.9 55.2 63.6 67.1 55.1 63.6	0.6 66.3 56.8 63.9 0.7 66.4 56.7 63.9 0.7 66.4 56.7 63.9	0.9         66.7         52.4         63.3         0.4           0.9         66.7         52.3         63.3         0.4           0.9         66.7         52.3         63.3         0.4           0.9         66.7         52.3         63.3         0.4	66.1         54.7         63.6         0.6           66.1         54.6         63.5         0.6           66.1         54.6         63.5         0.6	66.4 37.4 63.0 66.3 37.4 63.0 66.3 37.4 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 035.0G 065A 036.0G 065A 037.0G 065A 038.0G	35 065A 36 065A 37 065A 38 065A	63.0 63.0 63.0	65.8         59.7         64.6         1.7           65.8         59.8         64.7         1.7           65.8         60         64.7         1.8           65.8         60.3         64.8         1.0	67.4         61.1         65.1         2.2           67.5         61.3         65.2         2.3           67.5         61.3         65.2         2.3           67.6         61.3         65.2         2.3	67.9 68.0 68.0	58.7 64.3 1.4 59 64.4 1.5 59.3 64.5 1.6 59.4 64.5 1.6	67.1 58.5 64.3 67.2 58.4 64.3 67.3 58.3 64.2 67.3 58.1 64.2	1.3 67.1 1.3 67.1 1.3 67.0 1.2 67.0	56.5         63.8           56.4         63.8           56.3         63.8           56.2         63.9	0.9 66.6 5 0.9 66.6 5 0.9 66.6 5 0.9 66.6 5	9         64.1         1.2           8         64.1         1.2           8         64.1         1.2           5         64.0         1.1	66.9 66.9 66.9	52.3         63.3         0.4           52.9         63.4         0.4           52.1         63.3         0.3           51.8         63.2         0.3	66.1 53.5 63. 66.2 53.8 63. 66.1 53.9 63. 66.1 52 63.	.4 0.5 .4 0.5 .5 0.5 .4 0.4	66.2 59.9 64.7 66.2 60 64.7 66.3 60.1 64.8 66.2 59.9	7 1.7 7 1.8 8 1.8 7 1.7	67.5 56.8 63.9 67.5 56.9 63.9 67.6 57 63.9 67.6 57 63.9 67.6 57 63.9	0.9         66.7         56.7         63.9           1.0         66.7         56.6         63.9           1.0         66.7         56.6         63.9           1.0         66.7         56.6         63.9           1.0         66.8         56.6         63.9	0.9         66.7         52.3         63.3         0.4           0.9         66.7         52.2         63.3         0.4           0.9         66.7         52.2         63.3         0.4           0.9         66.7         52.2         63.3         0.4           0.9         66.7         52.2         63.3         0.4           0.9         66.7         52.2         63.3         0.4	66.1 54.5 63.5 0.6 66.1 54.5 63.5 0.6 66.1 54.4 63.5 0.6 66.1 54.4 63.5 0.6 66.3 54.4 63.5 0.6	66.3 37.7 63.0 66.3 37.7 63.0 66.3 37.8 63.0 66.3 37.8 63.0 66.3 37.9 63.0	0.0 65.8 0.0 65.8 0.0 65.8 0.0 65.8	
065A 039.0G 065A 040.0G 065A 041.0G	39 065A 40 065A 41 065A	63.0 63.0 63.0	65.8         60.5         64.9         2.0           65.8         60.3         64.8         1.9           65.8         60.7         65.0         2.0	67.7         61.4         65.3         2.3           67.6         61.4         65.3         2.3           67.8         61.5         65.3         2.3	68.1 68.1 68.1	1.0           59.6         64.6         1.7           59.6         64.6         1.7           59.2         64.5         1.5	67.4         58         64.2           67.4         57.9         64.1           67.3         57.7         64.1	1.2 67.0 1.2 67.0 1.2 66.9 1.1 66.9	56.1 63.8 56 63.7 55.9 63.7	0.8 66.5 5 0.8 66.5 5 0.8 66.5 5		66.8 66.8 66.8	51.8         63.3         0.3           51.8         63.3         0.3           51.8         63.3         0.3           51.9         63.3         0.3	66.1 53.5 63. 66.1 53.7 63. 66.1 53.7 63.	.4 0.5 .4 0.5 .4 0.5	66.2 59.8 64.7 66.2 59.5 64.6 66.2 59.3 64.5	7 1.7 6 1.6 5 1.6	67.5 57 63.9 67.4 56.9 63.9 67.3 57 63.9	0.0         50.5         55.8           1.0         66.7         56.5         63.8           1.0         66.7         56.5         63.8           1.0         66.7         56.4         63.8	0.9         66.6         52.1         63.3         0.3           0.9         66.6         52.1         63.3         0.3           0.9         66.6         52.1         63.3         0.3           0.9         66.6         52.1         63.3         0.3	66.1         54.4         63.5         0.6           66.1         54.3         63.5         0.6           66.1         54.3         63.5         0.6           66.1         54.3         63.5         0.6	66.3 38.1 63.0 66.3 38.5 63.0 66.3 38.5 63.0	0.0 65.8 0.0 65.8 0.0 65.8	
065A 042.0G 065B 001.0G 065B 002.0G	42 065A 1 065B 2 065B	63.0 63.3 64.5	65.8         60.2         64.8         1.8           66.1         48.4         63.4         0.1           67.3         51.1         64.7         0.2	67.6 61.2 65.2 2.2 66.2 52.9 63.7 0.4 67.5 57.3 65.3 0.8	68.0 66.5 68.1	59.8         64.7         1.7           52.6         63.7         0.4           54.5         64.9         0.4	67.5 57.6 64.1 66.5 55.6 64.0 67.7 55.7 65.0	1.1 66.9 0.7 66.8 0.5 67.8	55.8 63.7 55.7 64.0 55.7 65.0	0.8 66.5 5 0.7 66.8 5 0.5 67.8 5	1 64.0 1.0 7 64.2 0.9 6 65.2 0.7 1 67.7	66.8 67.0 68.0	52.1 63.3 0.3 49.4 63.5 0.2 49.3 64.6 0.1	66.1 53.7 63. 66.3 45.2 63. 67.4 46.5 64.	.4 0.5 .4 0.1 .6 0.1	66.2         59.5         64.6           66.2         49.2         63.5           67.4         50.5         64.7	6 1.6 5 0.2 7 0.2	67.4 57 63.9 66.3 46.2 63.4 67.5 47.5 64.6	1.0         66.7         56.4         63.8           0.1         66.2         44.8         63.4           0.1         67.4         46.2         64.6	0.9         66.6         52         63.3         0.3           0.1         66.2         41.9         63.3         0.0           0.1         67.4         43.3         64.5         0.0	66.1         54.2         63.5         0.5           66.1         44.8         63.4         0.1           67.3         46.3         64.6         0.1	66.3 38.9 63.0 66.2 41.8 63.3 67.4 43.2 64.5	0.0 65.8 0.0 66.1 0.0 67.3	
0658 004.0G 0658 005.0G 0658 006.0G	3 0658 4 0658 5 0658 6 0658	65.4 65.6 65.6	5         5         5         0           68.2         54.3         65.7         0.3           68.4         55.3         66.0         0.4           68.4         55         66.0         0.4	00.4         07.1         06.1         1.0           68.5         59.8         66.5         1.1           68.8         61.1         66.9         1.3           68.8         60.7         66.8         1.2	69.3 69.7 69.6	53.0         0.7           58.1         66.1         0.7           58.5         66.4         0.8           58         66.3         0.7	68.9 55 65.8 69.2 56.2 66.1 69.1 56.5 66.1	0.4 68.6 0.5 68.9 0.5 68.9	53.8 65.7 54.1 65.9 54.4 65.9	0.3 68.5 5 0.3 68.7 5 0.3 68.7 5		68.5 68.7 68.8	05.2         0.1           48.1         65.5         0.1           48.7         65.7         0.1           49.6         65.7         0.1	00.0 47.5 65. 68.3 48.2 65. 68.5 48.8 65. 68.5 49.1 64.	0.1 .5 0.1 .7 0.1 .7 0.1	68.3 52.2 65.6 68.5 52.8 65.8 68.5 53.1 65.8	6 0.2 8 0.2 8 0.2	vo.1         wo.4         to.2           68.4         48.8         65.5           68.6         49         65.7           68.6         49.3         65.7	uo.u         47.5         65.2           0.1         68.3         48.1         65.5           0.1         68.5         48.6         65.7           0.1         68.5         48.8         65.7	bb.0         44,4         b5.1         0.0           0.1         68.3         45.1         65.4         0.0           0.1         68.5         45.7         65.6         0.0           0.1         68.5         45.8         65.6         0.0	v	68.3 45 65.4 68.5 45.6 65.6 68.5 45.7 65.6	0.0 68.2 0.0 68.4 0.0 68.4	
0658 007.OG 0658 008.OG 0658 009.OG	7 0658 8 0658 9 0658	65.5 65.5 65.4	68.3         51.9         65.7         0.2           68.3         52.6         65.7         0.2           68.2         52.7         65.6         0.2	68.5         59.9         66.6         1.1           68.5         60.9         66.8         1.3           68.4         59.3         66.4         1.0	69.4 69.6 69.2	54.4         65.8         0.3           54.8         65.9         0.4           54.8         65.8         0.4	68.6 53.1 65.7 68.7 50.5 65.6 68.6 50.4 65.5	0.2 68.5 0.1 68.4 0.1 68.3	48.6 65.6 48.6 65.6 48.5 65.5	0.1 68.4 5 0.1 68.4 5 0.1 68.3 5	4 65.6 0.1 4 65.6 0.1 4 65.5 0.1	68.4 68.4 68.3	46.9 65.6 0.1 46.9 65.6 0.1 46.8 65.5 0.1	68.4 49.1 65. 68.4 48.9 65. 68.3 48.8 65.	.6 0.1 .6 0.1 .5 0.1	68.4         53.1         65.7           68.4         52.9         65.7           68.3         52.8         65.6	7 0.2 7 0.2 6 0.2	68.5 49.3 65.6 68.5 48.8 65.6 68.4 48.6 65.5	0.1         68.4         48.8         65.6           0.1         68.4         48.8         65.6           0.1         68.3         48.7         65.5	0.1         68.4         45.8         65.5         0.0           0.1         68.4         45.8         65.5         0.0           0.1         68.4         45.8         65.5         0.0           0.1         68.3         45.8         65.4         0.0	68.3         48.8         65.6         0.1           68.3         48.8         65.6         0.1           68.2         48.7         65.5         0.1	68.4         45.8         65.5           68.4         45.8         65.5           68.3         45.7         65.4	0.0 68.3 0.0 68.3 0.0 68.2	
0658 010.0G 0658 011.0G 0658 012.0G 0658 013.0G	10 0658 11 0658 12 0658 13 0659	65.3 65.2 65.0	68.1         52.7         65.5         0.2           68.0         50.3         65.3         0.1           67.8         50.5         65.2         0.2	68.3 59.1 66.2 0.9 68.1 58.9 66.1 0.9 68.0 55.4 65.5 0.5 67.9 55.4 65.5 0.5	69.0 68.9 68.3	54.3         65.6         0.3           52.5         65.4         0.2           51.7         65.2         0.2           51.2         65.1         0.2	68.4 50.2 65.4 68.2 50.2 65.3 68.0 50 65.1 67.0 49.9 65.0	0.1 68.2 0.1 68.1 0.1 67.9 0.1 67.9	48.3 65.4 48.1 65.3 48.1 65.1	0.1 68.2 5 0.1 68.1 5 0.1 67.9 9	2 65.4 0.1 2 65.3 0.1 0 65.1 0.1 0 65.0 0.1	68.2 68.1 67.9	46.7 65.4 0.1 46.6 65.3 0.1 46.5 65.1 0.1 46.5 65.0 0.1	68.2 48.7 65. 68.1 48.6 65. 67.9 48.5 65. 67.9 67.7 67.7 67.	.4 0.1 .3 0.1 .1 0.1	68.2 52.7 65.5 68.1 52.6 65.4 67.9 52.5 65.2	5 0.2 4 0.2 2 0.2	68.3 48.4 65.4 68.2 48.2 65.3 68.0 48 65.1 67.0 47.9 65.0	0.1 68.2 48.6 65.4 0.1 68.1 48.6 65.3 0.1 67.9 48.5 65.3 0.1 67.9 48.5 65.1	0.1         68.2         45.7         65.3         0.0           0.1         68.1         45.6         65.2         0.0           0.1         67.9         45.5         65.0         0.0           0.1         67.9         45.4         64.9         0.0	68.1         48.7         65.4         0.1           68.0         48.6         65.3         0.1           67.8         48.5         65.1         0.1           67.7         48.4         65.0         0.1	68.2 45.6 65.3 68.1 45.6 65.2 67.9 45.4 65.0	0.0 68.1 0.0 68.0 0.0 67.8 0.0 67.8	

	5 months (demo)	2 months of Overlap (only 2 months of hoe ram modeled) PITIb	8 months (foundation) 6 months (superstruture) P1T2 P1T3	1 Months (exterior) P1T4	3 months of overlap (ext/int) 7 month P1T4b P11	s (int) 4 months (demo) 5 P211	1 month of Overlap (demo/excavation) P2T1b	5 months (foundation) P2T2	16 months (superstructure) P2T3	2 Months (exteriors) 4 m	paths of overlap (ext/int) 7 months (interiors) P214b P215
CadnaA Receptor Sites         Elevation (floor)         Façade Number         Existing         Exis Leq(1)         L:           0658 014.0G         14         0658         64.6         67	Leq         Exceed?           10         Const         Total         Change         Exceed?           7.4         48.8         64.7         0.1         Exceed?	L10         Leq         L10           Total         Const         Total         Change         Exceed?         Total           67.5         53.3         64.9         0.3         67.7	Leq         L10         Leq           Const         Total         Change         Exceed?         Total         Const         Total         Change         Exceed?           51.1         64.8         0.2         67.6         49.8         64.7         0.1	L10         Leq         L10           Total         Const         Total         Change         Exceed?         Total         0           67.5         47.9         64.7         0.1         67.5         67.	Leq         L10         Leq           Const         Total         Change         Exceed?         Total         Const         Total         Change           49.9         64.7         0.1         67.5         46.4         64.7         0.1	L10         Leq           Exceed?         Total         Const         Total         Change         Exceed?           67.5         48.4         64.7         0.1         Const         Const	L10         Leq         L10           Total         Const         Total         Change         Exceed?         Total           67.5         52.4         64.9         0.3         67.7	Leq         L10           Const         Total         Change         Exceed?         Total           47.6         64.7         0.1         67.5	Leq         L10           Const         Total         Change         Exceed?         Total         0           48.3         64.7         0.1         67.5         0         0	Leq         L10         Lee           onst         Total         Change         Exceed?         Total         Const         Total           5.3         64.7         0.1         67.5         48.3         64.	L10         Leq         L10           al         Change         Exceed?         Total         Const         Total         Change         Exceed?         Total           7         0.1         67.5         45.3         64.7         0.1         67.5
0658 015.0G 15 0658 64.5 67 0658 016.0G 16 0658 64.4 67 0658 017.0G 17 0658 64.4 67	7.3         48.6         64.6         0.1           7.2         49.1         64.5         0.1           7.2         49         64.5         0.1	67.4         53.2         64.8         0.3         67.6           67.3         53.1         64.7         0.3         67.5           67.3         53         64.7         0.3         67.5	50.9         64.7         0.2         67.5         49.7         64.6         0.1           50.8         64.6         0.2         67.4         49.7         64.5         0.1           50.8         64.6         0.2         67.4         49.7         64.5         0.1	67.4         47.9         64.6         0.1         67.4           67.3         47.8         64.5         0.1         67.3           67.3         47.8         64.5         0.1         67.3           67.3         47.8         64.5         0.1         67.3	49.8         64.6         0.1         67.4         46.3         64.6         0.1           49.7         64.5         0.1         67.3         46.3         64.5         0.1           49.7         64.5         0.1         67.3         46.3         64.5         0.1           49.7         64.5         0.1         67.3         46.2         64.5         0.1	67.4         48.3         64.6         0.1           67.3         48.3         64.5         0.1           67.3         48.3         64.5         0.1	67.4         52.3         64.8         0.3         67.6           67.3         52.3         64.7         0.3         67.5           67.3         52.3         64.7         0.3         67.5	47.4         64.6         0.1         67.4           47.2         64.5         0.1         67.3           47.1         64.5         0.1         67.3	48.2         64.6         0.1         67.4           48.2         64.5         0.1         67.3           48.2         64.5         0.1         67.3	5.3         64.6         0.1         67.4         48.2         64.           5.2         64.5         0.1         67.3         48.2         64.           5.2         64.5         0.1         67.3         48.2         64.           5.2         64.5         0.1         67.3         48.2         64.	6         0.1         67.4         45.2         64.6         0.1         67.4           5         0.1         67.3         45.2         64.5         0.1         67.3           5         0.1         67.3         45.2         64.5         0.1         67.3           5         0.1         67.3         45.2         64.5         0.1         67.3
0658 018.0G 18 0658 64.3 67 0658 019.0G 19 0658 64.3 67 0658 020.0G 20 0658 64.2 67	7.1         48.9         64.4         0.1           7.1         48.9         64.4         0.1           7.0         48.8         64.3         0.1	67.2         52.9         64.6         0.3         67.4           67.2         52.8         64.6         0.3         67.4           67.1         52.7         64.5         0.3         67.3	50.7         64.5         0.2         67.3         49.7         64.4         0.1           50.6         64.5         0.2         67.3         49.7         64.4         0.1           50.5         64.4         0.2         67.2         49.6         64.3         0.1	67.2         47.8         64.4         0.1         67.2           67.2         47.8         64.4         0.1         67.2           67.1         47.7         64.3         0.1         67.1	49.7         64.4         0.1         67.2         46.2         64.4         0.1           49.7         64.4         0.1         67.2         46.2         64.4         0.1           49.7         64.4         0.2         67.2         46.2         64.3         0.1	67.2         48.3         64.4         0.1           67.2         48.3         64.4         0.1           67.1         48.3         64.3         0.1	67.2         52.3         64.6         0.3         67.4           67.2         52.3         64.6         0.3         67.4           67.1         52.3         64.5         0.3         67.3	47.1         64.4         0.1         67.2           47         64.4         0.1         67.2           46.9         64.3         0.1         67.1	48.2         64.4         0.1         67.2           48.2         64.4         0.1         67.2           48.2         64.3         0.1         67.1	5.3         64.4         0.1         67.2         48.2         64.3           5.3         64.4         0.1         67.2         48.2         64.3           5.3         64.3         0.1         67.1         48.2         64.4           5.3         64.3         0.1         67.1         48.2         64.4	4         0.1         67.2         45.2         64.4         0.1         67.2           4         0.1         67.2         45.2         64.4         0.1         67.2           3         0.1         67.1         45.2         64.4         0.1         67.2
0658 021.0G 21 0658 64.2 67 0658 022.0G 22 0658 64.2 67 0658 023.0G 23 0658 64.2 67	7.0         48.7         64.3         0.1           7.0         48.6         64.3         0.1           7.0         48.5         64.3         0.1	67.1         52.6         64.5         0.3         67.3           67.1         52.6         64.5         0.3         67.3           67.1         52.5         64.5         0.3         67.3	50.4         64.4         0.2         67.2         49.6         64.3         0.1           50.4         64.4         0.2         67.2         49.6         64.3         0.1           50.3         64.4         0.2         67.2         49.6         64.3         0.1	67.1         47.7         64.3         0.1         67.1           67.1         47.7         64.3         0.1         67.1           67.1         47.7         64.3         0.1         67.1           67.1         47.7         64.3         0.1         67.1	49.7         64.4         0.2         67.2         46.2         64.3         0.1           49.7         64.4         0.2         67.2         46.2         64.3         0.1           49.6         64.3         0.1         67.1         46.2         64.3         0.1	67.1         48.3         64.3         0.1           67.1         48.3         64.3         0.1           67.1         48.3         64.3         0.1	67.1         52.3         64.5         0.3         67.3           67.1         52.3         64.5         0.3         67.3           67.1         52.3         64.5         0.3         67.3           67.1         52.3         64.5         0.3         67.3	46.8         64.3         0.1         67.1           46.8         64.3         0.1         67.1           46.7         64.3         0.1         67.1	48.2         64.3         0.1         67.1           48.3         64.3         0.1         67.1           48.3         64.3         0.1         67.1           48.3         64.3         0.1         67.1	5.3         64.3         0.1         67.1         48.2         64.3           5.3         64.3         0.1         67.1         48.3         64.3           5.3         64.3         0.1         67.1         48.3         64.3           5.3         64.3         0.1         67.1         48.3         64.3	3         0.1         67.1         45.2         64.3         0.1         67.1           3         0.1         67.1         45.2         64.3         0.1         67.1           3         0.1         67.1         45.2         64.3         0.1         67.1
0658 024.0G 24 0658 64.0 66 0658 025.0G 25 0658 63.8 66 0658 026.0G 26 0658 63.7 66	6.8         48.4         64.1         0.1           6.6         48.3         63.9         0.1           6.5         48.2         63.8         0.1	66.9         52.3         64.3         0.3         67.1           66.7         52.2         64.1         0.3         66.9           66.6         52.1         64.0         0.3         66.8	50.2         64.2         0.2         67.0         49.6         64.2         0.2           50         64.0         0.2         66.8         49.5         64.0         0.2           49.9         63.9         0.2         66.7         49.5         63.9         0.2	67.0         47.6         64.1         0.1         66.9           66.8         47.6         63.9         0.1         66.7           66.7         47.6         63.8         0.1         66.6	49.6         64.2         0.2         67.0         46.2         64.1         0.1           49.6         64.0         0.2         66.8         46.2         63.9         0.1           49.6         63.9         0.2         66.7         46.2         63.8         0.1	66.9         48.3         64.1         0.1           66.7         48.3         63.9         0.1           66.6         48.3         63.8         0.1	66.9         52.3         64.3         0.3         67.1           66.7         52.3         64.1         0.3         66.9           66.6         52.3         64.0         0.3         66.8	46.5         64.1         0.1         66.9           46.4         63.9         0.1         66.7           46.3         63.8         0.1         66.6	48.3         64.1         0.1         66.9           48.3         63.9         0.1         66.7           48.3         63.8         0.1         66.6	5.3         64.1         0.1         66.9         48.3         64.3           5.3         63.9         0.1         66.7         48.3         63.3           5.3         63.8         0.1         66.6         48.3         63.3	1         0.1         66.9         45.2         64.1         0.1         66.9           9         0.1         66.7         45.2         63.9         0.1         66.7           8         0.1         66.6         45.3         63.8         0.1         66.6
0658 027.0G 27 0658 63.6 66 0658 028.0G 28 0658 63.5 66 0658 029.0G 29 0658 63.4 66	6.4         48.2         63.7         0.1           6.3         48.1         63.6         0.1           6.2         48         63.5         0.1	66.5         52         63.9         0.3         66.7           66.4         51.9         63.8         0.3         66.6           66.3         51.8         63.7         0.3         66.5	49.8         63.8         0.2         66.6         49.5         63.8         0.2           49.7         63.7         0.2         66.5         49.5         63.7         0.2           49.7         63.6         0.2         66.4         49.6         63.6         0.2	66.6         47.5         63.7         0.1         66.5           66.5         47.5         63.6         0.1         66.4           66.4         47.5         63.5         0.1         66.3	49.6         63.8         0.2         66.6         46.2         63.7         0.1           49.6         63.7         0.2         66.5         46.2         63.6         0.1           49.6         63.6         0.2         66.4         46.2         63.5         0.1	66.5         48.4         63.7         0.1           66.4         48.4         63.6         0.1           66.3         48.5         63.5         0.1	66.5         52.4         63.9         0.3         66.7           66.4         52.4         63.8         0.3         66.6           66.3         52.5         63.7         0.3         66.5	46.3         63.7         0.1         66.5           46.2         63.6         0.1         66.4           46.2         63.5         0.1         66.3	48.3         63.7         0.1         66.5           48.3         63.6         0.1         66.4           48.4         63.5         0.1         66.3	5.3         63.7         0.1         66.5         48.3         63.           5.4         63.6         0.1         66.4         48.4         63.           5.4         63.5         0.1         66.3         48.4         63.	7         0.1         66.5         45.3         63.7         0.1         66.5           6         0.1         66.4         45.3         63.6         0.1         66.4           5         0.1         66.3         45.4         63.5         0.1         66.3
0658 030.0G 30 0658 63.3 66 0658 031.0G 31 0658 63.2 66 0658 032.0G 32 0658 63.0 65	6.1 47.9 63.4 0.1 6.0 47.8 63.3 0.1 5.8 47.7 63.1 0.1	66.2         51.7         63.6         0.3         66.4           66.1         51.6         63.5         0.3         66.3           65.9         51.5         63.3         0.3         66.1	49.5         63.5         0.2         66.3         49.6         63.5         0.2           49.4         63.4         0.2         66.2         49.6         63.4         0.2           49.3         63.2         0.2         66.0         49.6         63.2         0.2	66.3         47.5         63.4         0.1         66.2           66.2         47.5         63.3         0.1         66.1           66.0         47.5         63.1         0.1         65.9	49.6         63.5         0.2         66.3         46.2         63.4         0.1           49.6         63.4         0.2         66.2         46.3         63.3         0.1           49.7         63.2         0.2         66.0         46.3         63.1         0.1	66.2         48.5         63.4         0.1           66.1         48.6         63.3         0.1           65.9         48.6         63.2         0.2	66.2         52.5         63.6         0.3         66.4           66.1         52.6         63.6         0.4         66.4           66.0         52.6         63.4         0.4         66.2	46.2         63.4         0.1         66.2           46.2         63.3         0.1         66.1           46.1         63.1         0.1         65.9	48.5         63.4         0.1         66.2           48.5         63.3         0.1         66.1           48.6         63.2         0.2         66.0	5.5         63.4         0.1         66.2         48.5         63.           5.5         63.3         0.1         66.1         48.5         63.           5.6         63.1         0.1         65.9         48.6         63.	4 0.1 66.2 45.4 63.4 0.1 66.2 3 0.1 66.1 45.5 63.3 0.1 66.1 2 0.2 66.0 45.5 63.1 0.1 65.9
0658 033.0G 33 0658 63.0 65 0658 034.0G 34 0658 63.0 65 0658 035.0G 35 0658 63.0 65	5.8         47.6         63.1         0.1           5.8         47.5         63.1         0.1           5.8         47.4         63.1         0.1	65.9         51.3         63.2         0.3         66.0           65.9         51.2         63.2         0.3         66.0           65.9         51.1         63.2         0.3         66.0	49.2         63.1         0.2         65.9         49.6         63.1         0.2           49.1         63.1         0.2         65.9         49.6         63.1         0.2           49         63.1         0.2         65.9         49.6         63.1         0.2	65.9         47.5         63.1         0.1         65.9           65.9         47.5         63.1         0.1         65.9           65.9         47.5         63.1         0.1         65.9           65.9         47.5         63.1         0.1         65.9	49.7         63.2         0.2         66.0         46.3         63.0         0.1           49.7         63.2         0.2         66.0         46.3         63.0         0.1           49.7         63.2         0.2         66.0         46.3         63.0         0.1	65.8         48.6         63.1         0.2           65.8         48.7         63.1         0.2           65.8         48.7         63.1         0.2	65.9         52.6         63.3         0.4         66.1           65.9         52.6         63.3         0.4         66.1           65.9         52.6         63.3         0.4         66.1           65.9         52.7         63.3         0.4         66.1	46         63.0         0.1         65.8           45.9         63.0         0.1         65.8           45.9         63.0         0.1         65.8           45.9         63.0         0.1         65.8	48.6         63.1         0.2         65.9           48.6         63.1         0.2         65.9           48.6         63.1         0.2         65.9           48.6         63.1         0.2         65.9	5.6         63.0         0.1         65.8         48.6         63.           5.6         63.0         0.1         65.8         48.6         63.           5.7         63.0         0.1         65.8         48.7         63.	1         0.2         65.9         45.6         63.0         0.1         65.8           1         0.2         65.9         45.6         63.0         0.1         65.8           1         0.2         65.9         45.6         63.0         0.1         65.8           1         0.2         65.9         45.6         63.0         0.1         65.8
0658 036.0G 36 0658 63.0 65 0658 037.0G 37 0658 63.0 65 0658 038.0G 38 0658 63.0 65	5.8         47.3         63.1         0.1           5.8         47.2         63.1         0.1           5.8         47.1         63.1         0.1	65.9         51         63.2         0.3         66.0           65.9         50.9         63.2         0.3         66.0           65.9         50.8         63.2         0.3         66.0           65.9         50.8         63.2         0.3         66.0	48.9         63.1         0.2         65.9         49.6         63.1         0.2           48.8         63.1         0.2         65.9         49.7         63.2         0.2           48.7         63.1         0.2         65.9         49.7         63.2         0.2	65.9         47.5         63.1         0.1         65.9           66.0         47.5         63.1         0.1         65.9           66.0         47.5         63.1         0.1         65.9           66.0         47.5         63.1         0.1         65.9	49.7         63.2         0.2         66.0         46.4         63.0         0.1           49.7         63.2         0.2         66.0         46.4         63.0         0.1           49.7         63.2         0.2         66.0         46.4         63.0         0.1	65.8         48.7         63.1         0.2           65.8         48.8         63.1         0.2           65.8         48.8         63.1         0.2	65.9         52.7         63.3         0.4         66.1           65.9         52.8         63.4         0.4         66.2           65.9         52.8         63.4         0.4         66.2	45.8         63.0         0.1         65.8           45.7         63.0         0.1         65.8           45.7         63.0         0.1         65.8           45.7         63.0         0.1         65.8	48.7         63.1         0.2         65.9           48.7         63.1         0.2         65.9           48.8         63.1         0.2         65.9	5.7         63.0         0.1         65.8         48.7         63.           5.8         63.0         0.1         65.8         48.8         63.           5.8         63.0         0.1         65.8         48.8         63.           5.8         63.0         0.1         65.8         48.8         63.	1         0.2         65.9         45.7         63.0         0.1         65.8           1         0.2         65.9         45.7         63.0         0.1         65.8           1         0.2         65.9         45.7         63.0         0.1         65.8           1         0.2         65.9         45.8         63.0         0.1         65.8
0658 039.0G 39 0658 63.0 65 0658 040.0G 40 0658 63.0 65 0658 041.0G 41 0658 63.0 65	5.8         47         63.1         0.1           5.8         46.9         63.1         0.1           5.8         46.8         63.1         0.1	65.9         50.7         63.2         0.3         66.0           65.9         50.6         63.2         0.2         66.0           65.9         50.5         63.2         0.2         66.0	48.6         63.1         0.2         65.9         49.7         63.2         0.2           48.5         63.1         0.2         65.9         49.7         63.2         0.2           48.4         63.1         0.1         65.9         49.8         63.2         0.2	66.0         47.5         63.1         0.1         65.9           66.0         47.5         63.1         0.1         65.9           66.0         47.5         63.1         0.1         65.9           66.0         47.5         63.1         0.1         65.9	49.8         63.2         0.2         66.0         46.5         63.0         0.1           49.8         63.2         0.2         66.0         46.5         63.0         0.1           49.8         63.2         0.2         66.0         46.5         63.0         0.1	65.8         48.9         63.1         0.2           65.8         48.9         63.1         0.2           65.8         49         63.1         0.2	65.9         52.9         63.4         0.4         66.2           65.9         52.9         63.4         0.4         66.2           65.9         53         63.4         0.4         66.2	45.6         63.0         0.1         65.8           45.5         63.0         0.1         65.8           45.4         63.0         0.1         65.8	48.8         63.1         0.2         65.9           48.9         63.1         0.2         65.9           48.9         63.1         0.2         65.9           48.9         63.1         0.2         65.9	5.9         63.0         0.1         65.8         48.8         63.           5.9         63.0         0.1         65.8         48.9         63.           5.9         63.0         0.1         65.8         48.9         63.           5.9         63.0         0.1         65.8         48.9         63.	1         0.2         65.9         45.8         63.0         0.1         65.8           1         0.2         65.9         45.9         63.0         0.1         65.8           1         0.2         65.9         45.9         63.0         0.1         65.8           1         0.2         65.9         45.9         63.0         0.1         65.8
0658 042.0G 42 0658 63.0 65 065C 001.0G 1 065C 63.0 65 065C 002.0G 2 065C 63.0 65	5.8         46.7         63.1         0.1           5.8         38.5         63.0         0.0           5.8         38.5         63.0         0.0	65.9         50.4         63.2         0.2         66.0           65.8         42         63.0         0.0         65.8           65.8         42         63.0         0.0         65.8	48.3         63.1         0.1         65.9         49.8         63.2         0.2           39.7         63.0         0.0         65.8         37.6         63.0         0.0           39.8         63.0         0.0         65.8         37.8         63.0         0.0	66.0         47.5         63.1         0.1         65.9           65.8         35.7         63.0         0.0         65.8           65.8         35.9         63.0         0.0         65.8	49.8         63.2         0.2         66.0         46.6         63.0         0.1           37.7         63.0         0.0         65.8         34.3         63.0         0.0           37.9         63.0         0.0         65.8         34.5         63.0         0.0	65.8 49 63.1 0.2 65.8 36.6 63.0 0.0 65.8 36.8 63.0 0.0	65.9         53         63.4         0.4         66.2           65.8         40.7         63.0         0.0         65.8           65.8         40.9         63.0         0.0         65.8	45.4         63.0         0.1         65.8           36.9         63.0         0.0         65.8           36.9         63.0         0.0         65.8	49         63.1         0.2         65.9           34.8         63.0         0.0         65.8           35.2         63.0         0.0         65.8	46         63.0         0.1         65.8         49         63.           2.6         63.0         0.0         65.8         35.2         63.           2.9         63.0         0.0         65.8         35.5         63.	1         0.2         65.9         45.9         63.0         0.1         65.8           0         0.0         65.8         31.7         63.0         0.0         65.8           0         0.0         65.8         32.1         63.0         0.0         65.8
065C 003.0G 3 065C 63.0 65 065C 004.0G 4 065C 63.0 65 065C 005.0G 5 065C 63.0 65	5.8         38.7         63.0         0.0           5.8         38.8         63.0         0.0           5.8         39.6         63.0         0.0	65.8         42         63.0         0.0         65.8           65.8         42.2         63.0         0.0         65.8           65.8         42.5         63.0         0.0         65.8	39.9         63.0         0.0         65.8         38.1         63.0         0.0           39.9         63.0         0.0         65.8         38.5         63.0         0.0           40.3         63.0         0.0         65.8         39.1         63.0         0.0	65.8         36.1         63.0         0.0         65.8           65.8         36.4         63.0         0.0         65.8           65.8         37         63.0         0.0         65.8	38.2         63.0         0.0         65.8         34.8         63.0         0.0           38.5         63.0         0.0         65.8         35.2         63.0         0.0           39.1         63.0         0.0         65.8         35.8         63.0         0.0	65.8 37.2 63.0 0.0 65.8 37.6 63.0 0.0 65.8 38.3 63.0 0.0	65.8         41.2         63.0         0.0         65.8           65.8         41.7         63.0         0.0         65.8           65.8         42.4         63.0         0.0         65.8	36.9         63.0         0.0         65.8           36.9         63.0         0.0         65.8           37.1         63.0         0.0         65.8	35.7         63.0         0.0         65.8           36.3         63.0         0.0         65.8           37.3         63.0         0.0         65.8	3.4         63.0         0.0         65.8         36         63.           34         63.0         0.0         65.8         36.6         63.           4.8         63.0         0.0         65.8         37.5         63.	0 0.0 65.8 32.6 63.0 0.0 65.8 0 0.0 65.8 33.3 63.0 0.0 65.8 0 0.0 65.8 34.2 63.0 0.0 65.8
065C 006.0G 6 065C 63.0 65 065C 007.0G 7 065C 63.0 65 065C 008.0G 8 065C 63.0 65	5.8         39.6         63.0         0.0           5.8         40         63.0         0.0           5.8         40.2         63.0         0.0	65.8         42.6         63.0         0.0         65.8           65.8         42.6         63.0         0.0         65.8           65.8         43.1         63.0         0.0         65.8	40.7         63.0         0.0         65.8         40.2         63.0         0.0           40.9         63.0         0.0         65.8         42.2         63.0         0.0           41.2         63.0         0.0         65.8         44.5         63.0         0.1	65.8         37.9         63.0         0.0         65.8           65.8         39.7         63.0         0.0         65.8           65.8         41.7         63.0         0.0         65.8	40.2         63.0         0.0         65.8         37         63.0         0.0           42.3         63.0         0.0         65.8         39.1         63.0         0.0           44.5         63.0         0.1         65.8         41.4         63.0         0.0	65.8         39.6         63.0         0.0           65.8         42         63.0         0.0           65.8         44.3         63.0         0.1	65.8         43.6         63.0         0.1         65.8           65.8         45.9         63.0         0.1         65.8           65.8         48.3         63.1         0.1         65.9	37.1         63.0         0.0         65.8           37.1         63.0         0.0         65.8           37.9         63.0         0.0         65.8	38.8         63.0         0.0         65.8           41.5         63.0         0.0         65.8           44         63.0         0.1         65.8	6.2         63.0         0.0         65.8         39         63.           8.7         63.0         0.0         65.8         41.6         63.           1.1         63.0         0.0         65.8         44.1         63.	0 0.0 65.8 35.8 63.0 0.0 65.8 0 0.0 65.8 38.4 63.0 0.0 65.8 0 0.1 65.8 41 63.0 0.0 65.8
065C 009.0G 9 065C 63.0 65 065C 010.0G 10 065C 63.0 65 065C 011.0G 11 065C 63.0 65	5.8         40.5         63.0         0.0           5.8         40.5         63.0         0.0           5.8         40.6         63.0         0.0	65.8         43.4         63.0         0.0         65.8           65.8         43.5         63.0         0.0         65.8           65.8         43.6         63.0         0.1         65.8	41.5         63.0         0.0         65.8         44.7         63.0         0.1           41.6         63.0         0.0         65.8         44.8         63.0         0.1           41.6         63.0         0.0         65.8         44.8         63.0         0.1           41.6         63.0         0.0         65.8         45         63.0         0.1	65.8         41.9         63.0         0.0         65.8           65.8         42         63.0         0.0         65.8           65.8         42.2         63.0         0.0         65.8	44.7         63.0         0.1         65.8         41.6         63.0         0.0           44.8         63.0         0.1         65.8         41.7         63.0         0.0           45         63.0         0.1         65.8         41.7         63.0         0.0	65.8 44.5 63.0 0.1 65.8 44.6 63.0 0.1 65.8 44.9 63.0 0.1	65.8         48.5         63.1         0.2         65.9           65.8         48.6         63.1         0.2         65.9           65.8         48.9         63.1         0.2         65.9	38.6         63.0         0.0         65.8           38.8         63.0         0.0         65.8           39         63.0         0.0         65.8	44.3         63.0         0.1         65.8           44.4         63.0         0.1         65.8           44.6         63.0         0.1         65.8	1.4         63.0         0.0         65.8         44.3         63.           1.5         63.0         0.0         65.8         44.4         63.           1.7         63.0         0.0         65.8         44.7         63.	0 0.1 65.8 41.2 63.0 0.0 65.8 0 0.1 65.8 41.4 63.0 0.0 65.8 0 0.1 65.8 41.6 63.0 0.0 65.8
065C 012.0G 12 065C 63.0 65 065C 013.0G 13 065C 63.0 65 065C 014.0G 14 065C 63.0 65	5.8         40.7         63.0         0.0           5.8         40.8         63.0         0.0           5.8         40.8         63.0         0.0	65.8         43.7         63.0         0.1         65.8           65.8         44.1         63.0         0.1         65.8           65.8         44.2         63.0         0.1         65.8	41.7         63.0         0.0         65.8         45.1         63.0         0.1           41.8         63.0         0.0         65.8         45.2         63.0         0.1           41.9         63.0         0.0         65.8         45.3         63.0         0.1	65.8         42.3         63.0         0.0         65.8           65.8         42.4         63.0         0.0         65.8           65.8         42.4         63.0         0.0         65.8           65.8         42.5         63.0         0.0         65.8	45.1         63.0         0.1         65.8         42.1         63.0         0.0           45.2         63.0         0.1         65.8         42.2         63.0         0.0           45.3         63.0         0.1         65.8         42.2         63.0         0.0           45.3         63.0         0.1         65.8         42.3         63.0         0.0	65.8         45         63.0         0.1           65.8         45.1         63.0         0.1           65.8         45.2         63.0         0.1	65.8         49         63.1         0.2         65.9           65.8         49.1         63.1         0.2         65.9           65.8         49.2         63.1         0.2         65.9	39.2         63.0         0.0         65.8           39.5         63.0         0.0         65.8           39.7         63.0         0.0         65.8	44.7         63.0         0.1         65.8           44.9         63.0         0.1         65.8           45         63.0         0.1         65.8	1.8         63.0         0.0         65.8         44.8         63.           42         63.0         0.0         65.8         44.9         63.           2.1         63.0         0.0         65.8         45         63.	0 0.1 65.8 41.7 63.0 0.0 65.8 0 0.1 65.8 41.8 63.0 0.0 65.8 0 0.1 65.8 42 63.0 0.0 65.8
065C 015.0G 15 065C 63.0 65 065C 016.0G 16 065C 63.0 65 065C 017.0G 17 065C 63.0 65	5.8         40.9         63.0         0.0           5.8         40.9         63.0         0.0           5.8         40.9         63.0         0.0	65.8         44.2         63.0         0.1         65.8           65.8         44.3         63.0         0.1         65.8           65.8         44.4         63.0         0.1         65.8	42         63.0         0.0         65.8         45.4         63.0         0.1           42         63.0         0.0         65.8         45.5         63.0         0.1           42.1         63.0         0.0         65.8         45.5         63.0         0.1	65.8         42.6         63.0         0.0         65.8           65.8         42.7         63.0         0.0         65.8           65.8         42.8         63.0         0.0         65.8	45.4         63.0         0.1         65.8         42.4         63.0         0.0           45.5         63.0         0.1         65.8         42.5         63.0         0.0           45.6         63.0         0.1         65.8         42.6         63.0         0.0	65.8         45.3         63.0         0.1           65.8         45.4         63.0         0.1           65.8         45.5         63.0         0.1	65.8         49.3         63.1         0.2         65.9           65.8         49.4         63.1         0.2         65.9           65.8         49.5         63.1         0.2         65.9	39.9         63.0         0.0         65.8           40.1         63.0         0.0         65.8           40.2         63.0         0.0         65.8	45.1         63.0         0.1         65.8         45.2           45.2         63.0         0.1         65.8         45.3           45.3         63.0         0.1         65.8         45.3	2.2         63.0         0.0         65.8         45.1         63.           2.3         63.0         0.0         65.8         45.2         63.           2.4         63.0         0.0         65.8         45.3         63.	0 0.1 65.8 42.1 63.0 0.0 65.8 0 0.1 65.8 42.2 63.0 0.0 65.8 0 0.1 65.8 42.3 63.0 0.0 65.8
065C 018.0G 18 065C 63.0 65 065C 019.0G 19 065C 63.0 65 065C 020.0G 20 065C 63.0 65	5.8         41         63.0         0.0           5.8         41         63.0         0.0           5.8         41         63.0         0.0	65.8         44.4         63.0         0.1         65.8           65.8         44.4         63.0         0.1         65.8           65.8         44.5         63.0         0.1         65.8	42.1         63.0         0.0         65.8         45.7         63.0         0.1           42.2         63.0         0.0         65.8         45.8         63.0         0.1           42.2         63.0         0.0         65.8         45.9         63.0         0.1           42.2         63.0         0.0         65.8         45.9         63.0         0.1	65.8         42.9         63.0         0.0         65.8           65.8         43         63.0         0.0         65.8           65.8         43         63.0         0.0         65.8           65.8         43         63.0         0.0         65.8	45.7         63.0         0.1         65.8         42.7         63.0         0.0           45.8         63.0         0.1         65.8         42.7         63.0         0.0           45.9         63.0         0.1         65.8         42.7         63.0         0.0	65.8 45.6 63.0 0.1 65.8 45.7 63.0 0.1 65.8 45.8 63.0 0.1	65.8         49.6         63.1         0.2         65.9           65.8         49.7         63.2         0.2         66.0           65.8         49.8         63.2         0.2         66.0	40.4         63.0         0.0         65.8           40.5         63.0         0.0         65.8           40.6         63.0         0.0         65.8	45.4         63.0         0.1         65.8           45.5         63.0         0.1         65.8           45.6         63.0         0.1         65.8	2.5         63.0         0.0         65.8         45.5         63.           2.6         63.0         0.0         65.8         45.6         63.           2.7         63.0         0.0         65.8         45.7         63.	0 0.1 65.8 42.4 63.0 0.0 65.8 0 0.1 65.8 42.5 63.0 0.0 65.8 0 0.1 65.8 42.5 63.0 0.0 65.8
065C 021.0G 21 065C 63.0 65 065C 022.0G 22 065C 63.0 65 065C 023.0G 23 065C 63.0 65	5.8         41         63.0         0.0           5.8         41         63.0         0.0           5.8         41         63.0         0.0	65.8         44.5         63.0         0.1         65.8           65.8         44.5         63.0         0.1         65.8           65.8         44.5         63.0         0.1         65.8           65.8         44.5         63.0         0.1         65.8	42.2         63.0         0.0         65.8         45.9         63.0         0.1           42.2         63.0         0.0         65.8         46         63.0         0.1           42.2         63.0         0.0         65.8         46.1         63.0         0.1	65.8         43.1         63.0         0.0         65.8           65.8         43.2         63.0         0.0         65.8           65.8         43.3         63.0         0.0         65.8	46         63.0         0.1         65.8         42.9         63.0         0.0           46.1         63.0         0.1         65.8         43         63.0         0.0           46.2         63.0         0.1         65.8         43.1         63.0         0.0	65.8         45.9         63.0         0.1           65.8         46         63.0         0.1           65.8         46.1         63.0         0.1	65.8         49.9         63.2         0.2         66.0           65.8         50         63.2         0.2         66.0           65.8         50.1         63.2         0.2         66.0	40.8         63.0         0.0         65.8           40.9         63.0         0.0         65.8           41         63.0         0.0         65.8	45.7         63.0         0.1         65.8           45.8         63.0         0.1         65.8           45.9         63.0         0.1         65.8	2.8         63.0         0.0         65.8         45.8         63.           2.9         63.0         0.0         65.8         45.9         63.           43         63.0         0.0         65.8         46         63.	0 0.1 65.8 42.7 63.0 0.0 65.8 0 0.1 65.8 42.9 63.0 0.0 65.8 0 0.1 65.8 42.9 63.0 0.0 65.8
065C 024.0G 24 065C 63.0 65 065C 025.0G 25 065C 63.0 65 065C 026.0G 26 065C 63.0 65	5.8         41.1         63.0         0.0           5.8         41         63.0         0.0           5.8         41         63.0         0.0	65.8         44.5         63.0         0.1         65.8           65.8         44.5         63.0         0.1         65.8           65.8         44.5         63.0         0.1         65.8           65.8         44.5         63.0         0.1         65.8	42.3         63.0         0.0         65.8         46.2         63.0         0.1           42.3         63.0         0.0         65.8         46.3         63.0         0.1           42.3         63.0         0.0         65.8         46.4         63.0         0.1	65.8         43.4         63.0         0.0         65.8           65.8         43.5         63.0         0.0         65.8           65.8         43.6         63.0         0.1         65.8	46.3         63.0         0.1         65.8         43.2         63.0         0.0           46.4         63.0         0.1         65.8         43.3         63.0         0.0           46.5         63.0         0.1         65.8         43.4         63.0         0.0           46.5         63.0         0.1         65.8         43.4         63.0         0.0	65.8         46.2         63.0         0.1           65.8         46.3         63.0         0.1           65.8         46.4         63.0         0.1	65.8         50.2         63.2         0.2         66.0           65.8         50.3         63.2         0.2         66.0           65.8         50.4         63.2         0.2         66.0	41.2         63.0         0.0         65.8           41.3         63.0         0.0         65.8           41.4         63.0         0.0         65.8	46         63.0         0.1         65.8           46.1         63.0         0.1         65.8           46.3         63.0         0.1         65.8	3.1         63.0         0.0         65.8         46.1         63.           3.2         63.0         0.0         65.8         46.2         63.           3.3         63.0         0.0         65.8         46.3         63.	0 0.1 65.8 43 66.0 0.0 65.8 0 0.1 65.8 43.1 63.0 0.0 65.8 0 0.1 65.8 43.2 65.0 0.0 65.8
065C 027.0G 27 065C 63.0 65 065C 028.0G 28 065C 63.0 65 065C 029.0G 29 065C 63.0 65	5.8         41         63.0         0.0           5.8         41         63.0         0.0           5.8         40.9         63.0         0.0	65.8         44.4         63.0         0.1         65.8           65.8         44.4         63.0         0.1         65.8           65.8         44.3         63.0         0.1         65.8	42.2         63.0         0.0         65.8         46.5         63.0         0.1           42.2         63.0         0.0         65.8         46.7         63.1         0.1           42.1         63.0         0.0         65.8         46.8         63.1         0.1	65.8         43.7         63.0         0.1         65.8           65.9         43.8         63.0         0.1         65.8           65.9         43.9         63.0         0.1         65.8	46.6         63.0         0.1         65.8         43.5         63.0         0.0           46.7         63.1         0.1         65.9         43.6         63.0         0.1           46.8         63.1         0.1         65.9         43.8         63.0         0.1	65.8 46.5 63.0 0.1 65.8 46.7 63.1 0.1 65.8 46.8 63.1 0.1	65.8         50.5         63.2         0.2         66.0           65.9         50.6         63.2         0.2         66.0           65.9         50.8         63.2         0.3         66.0	41.6         63.0         0.0         65.8           41.9         63.0         0.0         65.8           42.3         63.0         0.0         65.8	46.4         63.0         0.1         65.8           46.5         63.0         0.1         65.8           46.7         63.1         0.1         65.9	3.4         63.0         0.0         65.8         46.4         63.           3.6         63.0         0.1         65.8         46.5         63.           3.7         63.0         0.1         65.8         46.7         63.	0 0.1 65.8 43.4 63.0 0.0 65.8 0 0.1 65.8 43.5 63.0 0.0 65.8 1 0.1 65.9 43.6 63.0 0.1 65.8
065C 030.0G 30 065C 63.0 65 065C 031.0G 31 065C 63.0 65 065C 032.0G 32 065C 63.0 65	5.8         40.8         63.0         0.0           5.8         40.7         63.0         0.0           5.8         40.7         63.0         0.0	65.8         44.2         63.0         0.1         65.8           65.8         44.1         63.0         0.1         65.8           65.8         44.1         63.0         0.1         65.8           65.8         44.1         63.0         0.1         65.8	42         63.0         0.0         65.8         47         63.1         0.1           42         63.0         0.0         65.8         47.3         63.1         0.1           41.9         63.0         0.0         65.8         47.3         63.1         0.1	65.9         44.1         63.0         0.1         65.8           65.9         44.4         63.0         0.1         65.8           65.9         44.4         63.0         0.1         65.8           65.9         44.4         63.0         0.1         65.8	47         63.1         0.1         65.9         44         63.0         0.1           47.3         63.1         0.1         65.9         44.3         63.0         0.1           47.4         63.1         0.1         65.9         44.3         63.0         0.1	65.8         47         63.1         0.1           65.8         47.3         63.1         0.1           65.8         47.3         63.1         0.1	65.9         51         63.2         0.3         66.0           65.9         51.2         63.2         0.3         66.0           65.9         51.3         63.2         0.3         66.0	42.9         63.0         0.0         65.8           43.6         63.0         0.1         65.8           43.6         63.0         0.1         65.8	46.9         63.1         0.1         65.9           47.2         63.1         0.1         65.9           47.2         63.1         0.1         65.9           47.2         63.1         0.1         65.9	3.9         63.0         0.1         65.8         46.9         63.           4.2         63.0         0.1         65.8         47.2         63.           4.3         63.0         0.1         65.8         47.3         63.	1         0.1         65.9         43.9         63.0         0.1         65.8           1         0.1         65.9         44.1         63.0         0.1         65.8           1         0.1         65.9         44.2         63.0         0.1         65.8
065C 033.0G 33 065C 63.0 65 065C 034.0G 34 065C 63.0 65 065C 035.0G 35 065C 63.0 65	5.8         40.6         63.0         0.0           5.8         40.5         63.0         0.0           5.8         40.4         63.0         0.0	65.8         44         63.0         0.1         65.8           65.8         43.9         63.0         0.1         65.8           65.8         43.8         63.0         0.1         65.8	41.8         63.0         0.0         65.8         47.4         63.1         0.1           41.7         63.0         0.0         65.8         47.5         63.1         0.1           41.7         63.0         0.0         65.8         47.5         63.1         0.1	65.9         44.5         63.0         0.1         65.8           65.9         44.6         63.0         0.1         65.8           65.9         44.6         63.0         0.1         65.8           65.9         44.6         63.0         0.1         65.8	47.4         63.1         0.1         65.9         44.4         63.0         0.1           47.5         63.1         0.1         65.9         44.5         63.0         0.1           47.6         63.1         0.1         65.9         44.5         63.0         0.1	65.8         47.4         63.1         0.1           65.8         47.5         63.1         0.1           65.8         47.5         63.1         0.1	65.9         51.4         63.2         0.3         66.0           65.9         51.4         63.2         0.3         66.0           65.9         51.5         63.3         0.3         66.1	43.6         63.0         0.1         65.8           43.6         63.0         0.1         65.8           43.6         63.0         0.1         65.8	47.3         63.1         0.1         65.9         47.4           47.4         63.1         0.1         65.9         47.5           47.5         63.1         0.1         65.9         47.5	4.3         63.0         0.1         65.8         47.3         63.           4.4         63.0         0.1         65.8         47.4         63.           4.5         63.0         0.1         65.8         47.5         63.	1         0.1         65.9         44.3         63.0         0.1         65.8           1         0.1         65.9         44.4         63.0         0.1         65.8           1         0.1         65.9         44.4         63.0         0.1         65.8           1         0.1         65.9         44.4         63.0         0.1         65.8
065C 036.0G 36 065C 63.0 65 065C 037.0G 37 065C 63.0 65 065C 038.0G 38 065C 63.0 65	5.8         40.4         63.0         0.0           5.8         40.4         63.0         0.0           5.8         40.3         63.0         0.0	65.8         43.8         63.0         0.1         65.8           65.8         43.7         63.0         0.1         65.8           65.8         43.7         63.0         0.1         65.8           65.8         43.7         63.0         0.1         65.8	41.6         63.0         0.0         65.8         47.6         63.1         0.1           41.6         63.0         0.0         65.8         47.7         63.1         0.1           41.5         63.0         0.0         65.8         47.7         63.1         0.1	65.9         44.7         63.0         0.1         65.8           65.9         44.8         63.0         0.1         65.8           65.9         44.8         63.0         0.1         65.8           65.9         44.8         63.0         0.1         65.8	47.6         63.1         0.1         65.9         44.6         63.0         0.1           47.7         63.1         0.1         65.9         44.7         63.0         0.1           47.8         63.1         0.1         65.9         44.7         63.0         0.1	65.8         47.6         63.1         0.1           65.8         47.7         63.1         0.1           65.8         47.8         63.1         0.1	65.9         51.6         63.3         0.3         66.1           65.9         51.7         63.3         0.3         66.1           65.9         51.8         63.3         0.3         66.1	43.6         63.0         0.1         65.8           43.7         63.0         0.1         65.8           43.8         63.0         0.1         65.8	47.5         63.1         0.1         65.9         47.6           47.6         63.1         0.1         65.9         47.7           47.7         63.1         0.1         65.9         47.7	4.6         63.0         0.1         65.8         47.5         63.           4.6         63.0         0.1         65.8         47.6         63.           4.7         63.0         0.1         65.8         47.7         63.	1         0.1         65.9         44.5         63.0         0.1         65.8           1         0.1         65.9         44.6         63.0         0.1         65.8           1         0.1         65.9         44.7         63.0         0.1         65.8
065C 039.0G 39 065C 63.0 65 065C 040.0G 40 065C 63.0 65 065C 041.0G 41 065C 63.0 65	5.8         40.2         63.0         0.0           5.8         40.2         63.0         0.0           5.8         40.1         63.0         0.0	65.8         43.6         63.0         0.1         65.8           65.8         43.5         63.0         0.0         65.8           65.8         43.5         63.0         0.0         65.8	41.5         63.0         0.0         65.8         47.8         63.1         0.1           41.4         63.0         0.0         65.8         47.9         63.1         0.1           41.3         63.0         0.0         65.8         47.8         63.1         0.1	65.9         44.9         63.0         0.1         65.8           65.9         45         63.0         0.1         65.8           65.9         45         63.0         0.1         65.8           65.9         45         63.0         0.1         65.8	47.8         63.1         0.1         65.9         44.8         63.0         0.1           47.9         63.1         0.1         65.9         44.9         63.0         0.1           48         63.1         0.1         65.9         44.9         63.0         0.1	65.8         47.8         63.1         0.1           65.8         47.9         63.1         0.1           65.8         48         63.1         0.1	65.9         51.8         63.3         0.3         66.1           65.9         51.9         63.3         0.3         66.1           65.9         52         63.3         0.3         66.1	43.8         63.0         0.1         65.8           43.8         63.0         0.1         65.8           43.8         63.0         0.1         65.8           43.8         63.0         0.1         65.8	47.8         63.1         0.1         65.9         47.8           47.8         63.1         0.1         65.9         47.9           47.9         63.1         0.1         65.9         47.9	4.8         63.0         0.1         65.8         47.8         63.           4.9         63.0         0.1         65.8         47.8         63.           4.9         63.0         0.1         65.8         47.8         63.           4.9         63.0         0.1         65.8         47.9         63.	1         0.1         65.9         44.7         63.0         0.1         65.8           1         0.1         65.9         44.8         63.0         0.1         65.8           1         0.1         65.9         44.9         63.0         0.1         65.8
065C 042.0G         42 065C         63.0         65           065D 001.0G         1 065D         63.0         65           065D 002.0G         2 065D         63.0         65	5.8         40         63.0         0.0           5.8         50.6         63.2         0.2           5.8         57.5         64.0         1.1	65.8         43.4         63.0         0.0         65.8           66.0         53.2         63.4         0.4         66.2           66.8         58.8         64.4         1.4         67.2	41.2         63.0         0.0         65.8         48.6         63.1         0.2           53.8         63.4         0.5         66.2         64.7         66.9         4.0         YES           59.3         64.5         1.6         67.3         64.9         67.0         4.1         YES	65.9         45.6         63.0         0.1         65.8           69.7         62.9         65.9         3.0         68.7           69.8         63.2         66.1         3.1         YES         68.9	48.6         63.1         0.2         65.9         45.6         63.0         0.1           63.3         66.1         3.2         YES         68.9         57.8         64.1         1.2           63.6         66.3         3.3         YES         69.1         57.7         64.1         1.1	65.8         48.6         63.1         0.2           66.9         42.4         63.0         0.0           66.9         42.9         63.0         0.0	65.9         52.6         63.3         0.4         66.1           65.8         46.1         63.0         0.1         65.8           65.8         46.7         63.1         0.1         65.9	45.7         63.0         0.1         65.8           43.9         63.0         0.1         65.8           44.6         63.0         0.1         65.8	48.5         63.1         0.2         65.9           58.5         64.3         1.3         67.1           57.3         64.0         1.0         66.8	5.6         63.0         0.1         65.8         48.6         63.           4.3         63.5         0.6         66.3         56.4         63.           53         63.4         0.4         66.2         55.3         63.	1         0.2         65.9         45.5         63.0         0.1         65.8           8         0.9         66.6         38.5         63.0         0.0         65.8           6         0.7         66.4         39.6         63.0         0.0         65.8
065D 003.OG 3 065D 63.4 66 065D 004.OG 4 065D 64.9 67 065D 005.OG 5 065D 65.5 66	6.2         61.3         65.5         2.1           7.7         64.7         67.8         2.9           8.3         66.1         68.8         3.3         YES	68.3         62.3         65.9         2.5         68.7           70.6         65.5         68.2         3.3         YES         71.0           71.6         67.2         69.4         3.9         YES         72.2	63.1         66.3         2.9         69.1         65.7         67.7         4.3         YES           66.3         68.7         3.8         YES         71.5         65.7         68.3         3.4         YES           66.5         69.0         3.5         YES         71.8         65.5         68.5         3.0         YES	70.5         64.3         66.9         3.5         YES         69.7           71.1         64.3         67.6         2.7         70.4           71.3         64.1         67.9         2.4         70.7	64.6         67.1         3.7         YES         69.9         57.8         64.5         1.1           64.6         67.8         2.9         70.6         57.9         65.7         0.8           64.4         68.0         2.5         70.8         57.9         66.2         0.7	67.3         44.3         63.5         0.1           68.5         45.6         65.0         0.1           69.0         46.2         65.6         0.1	66.3         48.1         63.5         0.1         66.3           67.8         49.5         65.0         0.1         67.8           68.4         50.1         65.6         0.1         68.4	46         63.5         0.1         66.3           47.4         65.0         0.1         67.8           48         65.6         0.1         68.4	57.4         64.4         1.0         67.2           57.5         65.6         0.7         68.4           57.5         66.1         0.6         68.9	3.1         63.8         0.4         66.6         55.4         64.           3.2         65.2         0.3         68.0         55.5         65.           3.3         65.8         0.3         68.6         55.6         65.	0 0.6 66.8 41 63.4 0.0 66.2 4 0.5 68.2 42.4 64.9 0.0 67.7 9 0.4 68.7 43 65.5 0.0 68.3
065D 006.OG 6 065D 65.7 68 065D 007.OG 7 065D 66.1 68 065D 008.OG 8 065D 66.6 65	8.5 65.1 68.4 2.7 8.9 65.8 69.0 2.9 9.4 66.3 69.5 2.9	71.2         68         70.0         4.3         YES         72.8           71.8         69.4         71.1         5.0         YES         73.9           72.3         70.5         72.0         5.4         YES         74.8	66.9         69.4         3.7         Y15         72.2         65.5         68.6         2.9           67.6         69.9         3.8         Y15         72.7         65.6         68.9         2.8           67.8         70.3         3.7         Y15         73.1         65.3         69.0         2.4	71.4         64         67.9         2.2         70.7           71.7         64         68.2         2.1         71.0           71.8         63.6         68.4         1.8         71.2	64.3         68.1         2.4         70.9         58         66.4         0.7           64.3         66.3         2.2         71.1         58.2         66.8         0.7           63.9         68.5         1.9         71.3         57.9         67.1         0.5	69.2         46.5         65.8         0.1           69.6         46.8         66.2         0.1           69.9         47.7         66.7         0.1	68.6         50.4         65.8         0.1         68.6           69.0         50.8         66.2         0.1         69.0           69.5         51.6         66.7         0.1         69.5	48.4         65.8         0.1         68.6           48.8         66.2         0.1         69.0           49.8         66.7         0.1         69.5	57.5         66.3         0.6         69.1           57.6         66.7         0.6         69.5           57.6         67.1         0.5         69.9	3.3         65.9         0.2         68.7         55.6         66.           3.4         66.3         0.2         69.1         55.7         66.           3.4         66.8         0.2         69.6         55.7         66.	1         0.4         68.9         43.3         65.7         0.0         68.5           5         0.4         69.3         43.6         66.1         0.0         68.9           9         0.3         69.7         43.9         66.6         0.0         69.4
065D 009.0G 9 065D 66.6 65 065D 010.0G 10 065D 66.5 65 065D 011.0G 11 065D 66.4 65	9.4         66.3         69.5         2.9           9.3         66.3         69.4         2.9           9.2         66.3         69.4         3.0	72.3         70         71.6         5.0         YES         74.4           72.2         69.8         71.5         5.0         YES         74.3           72.2         70.1         71.6         5.2         YES         74.4	67.7         70.2         3.6         YES         73.0         64.9         68.8         2.2           68         70.3         3.8         YES         73.1         64.8         68.7         2.2           68         70.3         3.9         YES         73.1         65.8         62.4	71.6         63.2         68.2         1.6         71.0           71.5         63.2         68.2         1.7         71.0           71.6         63.4         68.2         1.8         71.0	63.6         68.4         1.8         71.2         56.7         67.0         0.4           63.6         68.3         1.8         71.1         56.7         66.9         0.4           63.7         68.3         1.9         71.1         56.6         66.8         0.4	69.8 47.9 66.7 0.1 69.7 48.1 66.6 0.1 69.6 48.4 66.5 0.1	69.5         51.7         66.7         0.1         69.5           69.4         51.9         66.6         0.1         69.4           69.3         52         66.6         0.2         69.4	50.1         66.7         0.1         69.5           50.5         66.6         0.1         69.4           50.8         66.5         0.1         69.3	57.6         67.1         0.5         69.9           57.6         67.0         0.5         69.8           57.6         66.9         0.5         69.7	3.4         66.8         0.2         69.6         55.7         66.           3.4         66.7         0.2         69.5         55.7         66.           3.4         66.6         0.2         69.4         55.7         66.	9 0.3 65.7 43.9 66.6 0.0 69.4 8 0.3 69.6 43.9 66.5 0.0 69.3 8 0.4 69.6 43.8 66.4 0.0 69.2
065D 012.OG 12 065D 66.3 65 065D 013.OG 13 065D 66.0 66 065D 014.OG 14 065D 65.9 66	9.1 66 69.2 2.9 8.8 65.9 69.0 3.0 8.7 65.2 68.6 2.7	72.0         69.5         71.2         4.9         YES         74.0           71.8         69.6         71.2         5.2         YES         74.0           71.4         69.6         71.1         5.2         YES         74.0           71.4         69.6         71.1         5.2         YES         73.9	67.9         70.2         3.9         YES         73.0         64.9         68.7         2.4           67.5         69.8         3.8         YES         72.6         64.8         68.5         2.5           67.2         69.6         3.7         YES         72.4         64.7         68.4         2.5	71.5         63.4         68.1         1.8         70.9           71.3         63.3         67.9         1.9         70.7           71.2         63.2         67.8         1.9         70.6	63.7         68.2         1.9         71.0         56.6         66.7         0.4           63.6         68.0         2.0         70.8         56.5         66.5         0.5           63.5         67.9         2.0         70.7         56.5         66.4         0.5	69.5 48.8 66.4 0.1 69.3 49.3 66.1 0.1 69.2 49.7 66.0 0.1	69.2         52.3         66.5         0.2         69.3           68.9         52.6         66.2         0.2         69.0           68.8         52.8         66.1         0.2         68.9	51.2         66.4         0.1         69.2           51.4         66.1         0.1         68.9           51.9         66.1         0.2         68.9	57.6         66.8         0.5         69.6           57.5         66.6         0.6         69.4           57.5         66.5         0.6         69.3	3.3         66.5         0.2         69.3         55.7         66.           3.3         66.2         0.2         69.0         55.6         66.           3.3         66.1         0.2         68.9         55.6         66.	7         0.4         69.5         43.7         66.3         0.0         69.1           4         0.4         69.2         43.5         66.0         0.0         68.8           3         0.4         69.1         43.4         65.9         0.0         68.8
065D 015.0G 15 065D 65.6 68 065D 016.0G 16 065D 65.4 66 065D 017.0G 17 065D 65.3 66	8.4 65.1 68.4 2.8 8.2 65.1 68.3 2.9 8.1 65.1 68.2 2.9	71.2         69.5         71.0         5.4         YES         73.8           71.1         69.1         70.6         5.2         YES         73.4           71.0         68.7         70.3         5.0         YES         73.1	67.1         69.4         3.8         115         72.2         64.6         68.1         2.5           67         69.3         3.9         YES         72.1         64.2         67.9         2.5           66.9         69.2         3.9         YES         72.0         63.8         67.6         2.3	70.9         63.1         67.5         1.9         70.3           70.7         62.9         67.3         1.9         70.1           70.4         62.3         67.1         1.8         69.9	63.4         67.6         2.0         70.4         56.4         66.1         0.5           63.3         67.5         2.1         70.3         56.4         66.9         0.5           62.9         67.3         2.0         70.1         56.1         65.8         0.5	68.9 50 65.7 0.1 68.7 50.4 65.5 0.1 68.6 51.1 65.5 0.2	68.5         53         65.8         0.2         68.6           68.3         53.4         65.7         0.3         68.5           68.3         54         65.6         0.3         68.4	51.3         65.8         0.2         68.6           51.8         65.6         0.2         68.4           52.5         65.5         0.2         68.3	57.5         66.2         0.6         69.0           57.5         66.1         0.7         68.9           57.4         66.0         0.7         68.8	3.2         65.8         0.2         68.6         55.6         66.           3.2         65.7         0.3         68.5         55.5         65.           3.2         65.6         0.3         68.4         55.5         65.	0 0.4 68.8 43.1 65.6 0.0 68.4 8 0.4 68.6 43 65.4 0.0 68.2 7 0.4 68.5 42.8 65.3 0.0 68.1
065D 018.0G 18 065D 65.1 67 065D 019.0G 19 065D 65.0 67 065D 020.0G 20 065D 64.8 67	7.9 64.8 68.0 2.9 7.8 64.8 67.9 2.9 7.6 64.7 67.8 3.0	70.8         68.2         69.9         4.8         YES         72.7           70.7         68.1         69.8         4.8         YES         72.6           70.6         68.1         69.8         5.0         YES         72.6	66.9         69.1         4.0         Y15         71.9         63.7         67.5         2.4           66.7         68.9         3.9         YES         71.7         63.6         67.4         2.4           66.6         68.8         4.0         YES         71.6         63.2         67.1         2.3	70.3         62.3         66.9         1.8         69.7           70.2         62.2         66.8         1.8         69.6           69.9         61.6         66.5         1.7         69.3	62.8         67.1         2.0         69.9         56         65.6         0.5           62.8         67.0         2.0         69.8         56         65.5         0.5           62.2         66.7         1.9         69.5         55.9         65.3         0.5	68.4         50.4         65.2         0.1           68.3         51.3         65.2         0.2           68.1         51.6         65.0         0.2	68.0         54.6         65.5         0.4         68.3           68.0         54.7         65.4         0.4         68.2           67.8         53.8         65.1         0.3         67.9	53.3         65.4         0.3         68.2           53.2         65.3         0.3         68.1           51.6         65.0         0.2         67.8	57.4         65.8         0.7         68.6           57.4         65.7         0.7         68.5           57.3         65.5         0.7         68.3	3.1         65.4         0.3         68.2         55.5         65.           3.1         65.3         0.3         68.1         55.4         65.           3.1         65.1         0.3         67.9         55.4         65.           3.1         65.1         0.3         67.9         55.4         65.	6         0.5         68.4         42.7         65.1         0.0         67.9           5         0.5         68.3         42.6         65.0         0.0         67.8           3         0.5         68.1         42.5         64.8         0.0         67.6
065D 021.0G 21 065D 64.7 67 065D 022.0G 22 065D 64.6 67 065D 023.0G 23 065D 64.5 67	7.5 64.6 67.7 3.0 7.4 64.3 67.5 2.9 7.3 64.1 67.3 2.8	70.5         68.1         69.7         5.0         YES         72.5           70.3         68         69.6         5.0         YES         72.4           70.1         67.6         69.3         4.8         YES         72.1	bb.4         bb.5         3.9         115         11.4         0.5         bb.9         2.2           66.2         68.5         3.9         YES         71.3         66.2         66.8         2.2           66.1         68.4         3.9         YES         71.2         62.9         66.8         2.2           66.1         68.4         3.9         YES         71.2         62.8         66.7         2.2	b9.7         b1.5         bb.4         1.7         b9.2           69.6         61.4         66.3         1.7         69.1           69.5         61.2         66.2         1.7         69.0	b2.1         bb.b         1.9         b9.4         55.9         65.2         0.5           62         66.5         1.9         69.3         55.8         65.1         0.5           61.9         66.4         1.9         69.2         55.7         65.0         0.5           61.9         66.4         1.9         69.2         55.7         65.0         0.5	67.9 50.8 64.8 0.2 67.8 50.9 64.7 0.2	b1.7         53.8         b5.0         0.3         b7.8           67.6         54.4         65.0         0.4         67.8           67.5         54.7         64.9         0.4         67.7	52.2 64.9 0.2 67.7 52.9 64.9 0.3 67.7 52.8 64.8 0.3 67.6	57.3         65.4         0.7         68.2           57.3         65.3         0.7         68.1           57.3         65.3         0.8         68.1	53         65.0         0.3         67.8         55.4         65.           53         64.9         0.3         67.7         55.3         65.           53         64.8         0.3         67.6         55.3         65.           54         64.8         0.3         67.6         55.3         65.	2 0.5 67.9 42.4 64.7 0.0 67.4 1 0.5 67.9 42.3 64.6 0.0 67.4 0 0.5 67.8 42.1 64.5 0.0 67.4 0 0.5 67.8 67.8 67.8 67.8 67.8 67.8 67.8 67.8
065D 024.06 24 065D 64.3 67 065D 025.06 25 065D 64.3 67 065D 026.06 26 065D 64.2 67	7.1 63.7 67.0 2.7 7.0 63.6 66.9 2.7	65.9         67.4         65.1         4.6         TES         71.5           69.8         67         68.9         4.6         YES         71.7           69.7         66.8         68.7         4.5         YES         71.5	05.7         06.1         3.8         YES         71.0         02.7         00.0         2.3           65.7         66.1         3.8         YES         70.9         62.5         66.5         2.2           65.5         67.9         3.7         YES         70.7         62.3         66.4         2.2	69.4         61.1         66.0         1.7         66.8           69.3         61         66.0         1.7         68.8           69.2         60.7         65.8         1.6         68.6	01.6         00.2         1.7         03.0         33.6         04.4         0.3           61.7         66.2         1.9         69.0         55.5         64.8         0.5           61.3         66.0         1.8         68.8         55.2         64.7         0.5           61.3         66.0         1.8         62.8         55.2         64.7         0.5	67.6 51.9 64.5 0.2 67.5 50.4 64.4 0.2	67.3         54.3         64.8         0.5         67.6           67.3         55.2         64.8         0.5         67.6           67.2         54.8         64.7         0.5         67.5	52.9 64.6 0.3 67.4 53.6 64.6 0.4 67.4	57.2         65.1         0.8         67.9           57.2         65.1         0.8         67.9           57.1         65.0         0.8         67.8           57.1         61.0         0.8         67.8	2.5         64.6         0.3         67.4         53.2         64.           2.9         64.6         0.3         67.4         55.2         64.           2.8         64.5         0.3         67.3         55.2         64.           2.8         64.5         0.3         67.3         55.2         64.	0         0.3         07.0         42         04.3         0.0         07.1           8         0.5         67.6         41.9         64.3         0.0         67.1           7         0.5         67.5         41.8         64.2         0.0         67.0
065D 027.04 27 065D 64.0 66 065D 028.0G 28 065D 63.8 66 065D 029.0G 29 065D 63.6 66	0.6         05.3         00.8         2.8           5.6         63.4         66.6         2.8           5.4         63.2         66.4         2.8	65.6         66.7         66.6         4.6         123         71.4           69.4         66.5         68.4         4.6         YES         71.2           69.2         66.3         68.2         4.6         YES         71.0           69.4         66.3         68.2         4.6         YES         71.0	05         07.3         5.3         113         70.3         02.2         00.2         2.2           64.7         67.3         3.5         YES         70.1         62         66.0         2.2           64.6         67.1         3.5         YES         69.9         61.9         65.8         2.2           64.6         66.7         13.5         YES         69.9         61.9         65.8         2.2	65.0         60.6         65.0         1.6         68.4           68.8         60.4         65.4         1.6         68.2           68.6         60.3         65.3         1.7         68.1           60.7         66.2         66.2         66.2	01.2         05.8         1.0         06.0         33.1         04.3         0.3           61.1         65.7         1.9         68.5         55.1         64.3         0.5           61.1         65.5         1.9         68.3         55.1         64.2         0.6           64.2         0.6         0.6         0.3         0.5         1.6         0.5         <	67.1 52.9 64.1 0.3 67.0 52.1 63.9 0.3	66.9         56.1         64.5         0.7         67.3           66.7         55.8         64.3         0.7         67.1	54.2         64.3         0.5         67.1           53.8         64.0         0.4         66.8	57.1         64.8         0.8         67.6           57.1         64.6         0.8         67.4           57         64.5         0.9         67.3	2.8         64.1         0.3         67.1         55.1         64.           2.7         63.9         0.3         66.7         55         64.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
065D 030.04 30 065D 63.3 66 065D 031.06 31 065D 63.4 66 065D 032.06 32 065D 63.2 66	6.2         62.8         66.1         2.7           6.0         62.7         66.0         2.8	65.1         66.2         66.1         4.6         123         70.5           68.9         66.1         68.0         4.6         YES         70.8           68.8         65.9         67.8         4.6         YES         70.6           69.7         4.6         YES         70.6         70.5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	68.4         60         65.0         1.7         68.0           68.4         60         65.0         1.6         67.8           68.2         59.9         64.9         1.7         67.7           68.1         60.7         1.6         67.7	60.2         65.3         1.9         68.1         55.4         0.6           60.6         65.3         1.9         68.1         55         64.0         0.6           60.6         65.1         1.9         67.9         54.9         63.8         0.6           60.6         65.1         1.9         67.9         54.9         63.8         0.6	66.5 52.2 63.7 0.3 66.6 49.5 63.4 0.2	66.6         55.9         64.1         0.7         67.0           66.2         54.9         63.8         0.6         66.6           66.2         54.9         63.8         0.6         66.6	33.8         63.9         0.4         66.7           53.8         63.9         0.5         66.7           53.7         63.7         0.5         66.5	57         64.4         0.9         67.2           56.9         64.3         0.9         67.1           56.9         64.1         0.9         66.9	2.7         05.8         0.3         06.6         53         04.           2.6         63.7         0.3         66.5         54.9         64.           2.6         63.6         0.4         66.4         54.9         63.           2.6         63.6         0.4         66.4         54.9         63.	1 0.0 06.5 41.3 65.3 0.0 06.3 0 0.6 66.8 41.2 63.4 0.0 66.2 8 0.6 66.6 41.2 63.2 0.0 66.0 7 0.6 66.6 41.2 63.2 0.0 66.0
065D 034.0G 34 065D 63.0 65 065D 034.0G 34 065D 63.0 65 065D 035.0G 35 065D 63.0 65	5.8 62.5 65.8 2.8 5.8 62.4 65.7 2.7	68.6         65.7         67.6         4.6         YES         70.4           68.5         65.2         67.2         4.3         YES         70.0	63.7         66.4         3.4         YES         69.0         61.2         65.2         2.2           63.5         66.4         3.3         YES         69.0         61.2         65.2         2.2           63.5         66.4         3.3         YES         69.0         61.2         65.2         2.2	68.0         59.6         64.6         1.6         67.4           67.9         59.5         64.6         1.6         67.4           67.9         59.5         64.6         1.6         67.4	60.3         64.9         1.9         67.7         54.6         63.6         0.6           60.2         64.9         1.9         67.7         54.6         63.6         0.6           60.2         64.9         1.9         67.7         54.6         63.6         0.6           60.2         64.8         1.8         67.6         54.5         63.5         0.6           60.2         64.8         1.8         67.6         54.5         63.5         0.6	66.3 49.7 63.2 0.2 66.3 49.7 63.2 0.2	66.0         54.9         63.6         0.6         66.4           66.0         55.6         63.6         0.6         66.4	53.7         63.5         0.5         66.3           53.8         63.4         0.5         66.2           53.8         63.4         0.5         66.2	56.8         63.9         0.9         66.7           56.8         63.9         0.9         66.7	2.5         63.4         0.4         66.2         54.8         63.           2.4         63.3         0.4         66.1         54.7         63.           2.4         63.3         0.4         66.1         54.7         63.	6         0.6         66.4         41         63.0         0.0         65.8         66.4         40.9         63.0         0.0         65.8         66.4         40.9         63.0         0.0         65.8         66.4         40.9         63.0         0.0         65.8         66.4         40.9         63.0         0.0         65.8         66.4         40.9         63.0         0.0         65.8         67.8
065D 037.0G 37 065D 63.0 65 065D 037.0G 37 065D 63.0 65 065D 038.0G 38 065D 63.0 65 065D 038.0G 38 065D 63.0 65 055D 63.0 65	5.8 62.1 65.6 2.6 5.8 62 65.5 2.6 5.8 61.9 65.5 2.5	68.4         64.9         67.0         4.1         YES         69.8           68.3         64.7         66.9         4.0         YES         69.7           68.3         64.7         66.8         3.9         YES         69.6	63         66.6         3.0         115         66.3         60.7         65.0         2.0           629         65.9         3.0         68.7         60.6         64.9         2.0           67.8         67.9         65.9         2.0         66.7         66.0         5.0         2.0	67.8         59.2         64.5         1.5         67.3           67.7         59         64.4         1.5         67.2           67.7         58.9         64.4         1.4         67.2	59.8         64.7         1.7         67.5         54.6         63.5         0.5           59.8         64.6         1.7         67.4         53.9         63.5         0.5           59.6         64.6         1.7         67.4         53.9         63.5         0.5           59.5         64.6         1.6         67.4         53.9         63.5         0.5	66.3 49.7 63.2 0.2 66.3 50 63.2 0.2 66.2 50 63.2 0.2	66.0         54.2         63.5         0.5         66.3           66.0         54.3         63.5         0.6         66.3           66.0         54.3         63.5         0.6         66.3           66.0         54.3         63.5         0.6         66.3	52.3         63.3         0.4         66.1           52.3         63.3         0.4         66.1           52.3         63.3         0.4         66.1           52.4         63.3         0.4         66.1	56.7         63.9         0.9         66.7           56.7         63.9         0.9         66.7           56.6         63.9         0.9         66.7	2.4         63.3         0.4         66.1         54.6         63.           2.3         63.3         0.4         66.1         54.6         63.           2.3         63.3         0.4         66.1         54.6         63.           2.3         63.3         0.4         66.1         54.6         63.	5         0.6         66.3         40.9         63.0         0.0         65.8           5         0.6         66.3         40.8         63.0         0.0         65.8           5         0.6         66.3         40.8         63.0         0.0         65.8           5         0.6         66.3         40.8         63.0         0.0         65.8
065D 040.0G 40 065D 63.0 65 065D 041.0G 41 065D 63.0 65 065D 042.0G 42 065D 63.0 65	5.8 61.8 65.4 2.5 5.8 61.7 65.4 2.4 5.8 61.6 65.3 2.4	68.2         64.4         66.7         3.8         YES         69.5           68.2         64.3         66.7         3.7         YES         69.5           68.1         64.2         66.6         3.7         YES         69.4	62.7         65.8         2.9         68.6         60.3         64.8         1.9           62.5         65.7         2.8         68.5         60.2         64.8         1.8           62.2         65.6         2.7         68.4         60         64.7         1.8	67.6 58.8 64.4 1.4 67.2 67.6 58.6 64.3 1.4 67.1 67.5 58.5 64.3 1.3 67.1	59.4         64.5         1.6         67.3         53.8         63.4         0.5           59.1         64.4         1.5         67.2         53.8         63.4         0.5           59         64.4         1.5         67.2         53.8         63.4         0.5	66.2 51.9 63.3 0.3 66.2 51.9 63.3 0.3 66.2 51.9 63.3 0.3	66.1         55.2         63.6         0.7         66.4           66.1         55.2         63.6         0.7         66.4           66.1         55.3         63.6         0.7         66.4	52.5         63.3         0.4         66.1           52.5         63.3         0.4         66.1           52.5         63.3         0.4         66.1           52.5         63.3         0.4         66.1	56.6         63.9         0.9         66.7           56.5         63.8         0.9         66.6           56.5         63.8         0.9         66.6	2.2         63.3         0.4         66.1         54.5         63.3           2.2         63.3         0.4         66.1         54.4         63.3           2.2         63.3         0.4         66.1         54.4         63.3           2.2         63.3         0.4         66.1         54.4         63.3	5         0.6         66.3         40.8         63.0         0.0         65.8           5         0.6         66.3         40.9         63.0         0.0         65.8           5         0.6         66.3         41.2         63.0         0.0         65.8
066 001.0G 1 66 72.4 74 067A 001.0G 1 067A 70.7 72 067A 002.0G 2 067A 71.5 73	4.3 54.5 72.5 0.1 2.6 50.4 70.7 0.0 3.4 51.1 71.5 0.0	74.4         56.6         72.5         0.1         74.4           72.6         54.2         70.8         0.1         72.7           73.4         54.9         71.6         0.1         73.5	55.3         72.5         0.1         74.4         56.4         72.5         0.1           52         70.8         0.1         72.7         50.2         70.7         0.0           52.8         71.6         0.1         73.5         50.9         71.5         0.0	74.4         55.3         72.5         0.1         74.4           72.6         47.4         70.7         0.0         72.6           73.4         48         71.5         0.0         73.4	58         72.6         0.2         74.5         51.4         72.4         0.0           50.2         70.7         0.0         72.6         47.2         70.7         0.0           50.9         71.5         0.0         73.4         47.9         71.5         0.0	74.3 52 72.4 0.0 72.6 50.2 70.7 0.0 73.4 50.9 71.5 0.0	74.3         55.4         72.5         0.1         74.4           72.6         54.3         70.8         0.1         72.7           73.4         55         71.6         0.1         73.5	53.1         72.5         0.1         74.4           52.7         70.8         0.1         72.7           53.3         71.6         0.1         73.5	58.3         72.6         0.2         74.5           51         70.7         0.0         72.6           51.6         71.5         0.0         73.4	4.7         72.5         0.1         74.4         56.9         72.           9.5         70.7         0.0         72.6         51.5         70.           50         71.5         0.0         73.4         52.1         71.	5         0.1         74.4         50.3         72.4         0.0         74.3           8         0.1         72.7         47.3         70.7         0.0         72.6           5         0.0         73.4         48         71.5         0.0         73.4
067A 003.0G 3 067A 71.5 73 067A 004.0G 4 067A 71.3 73 067A 005.0G 5 067A 71.1 73	3.4         51.1         71.5         0.0           3.2         51.2         71.3         0.0           3.0         51.5         71.1         0.0	73.4         54.8         71.6         0.1         73.5           73.2         54.6         71.4         0.1         73.3           73.0         54.5         71.2         0.1         73.1	52.7         71.6         0.1         73.5         50.8         71.5         0.0           52.5         71.4         0.1         73.3         50.4         71.3         0.0           52.5         71.2         0.1         73.1         50         71.1         0.0	73.4         47.9         71.5         0.0         73.4           73.2         47.4         71.3         0.0         73.2           73.0         47         71.1         0.0         73.0	50.8         71.5         0.0         73.4         47.7         71.5         0.0           50.4         71.3         0.0         73.2         47.4         71.3         0.0           50         71.1         0.0         73.0         47.4         71.3         0.0	73.4         50.8         71.5         0.0           73.2         50.4         71.3         0.0           73.0         50         71.1         0.0	73.4         55         71.6         0.1         73.5           73.2         54.8         71.4         0.1         73.3           73.0         54.5         71.2         0.1         73.1	53.5         71.6         0.1         73.5           53.2         71.4         0.1         73.3           53         71.2         0.1         73.1	51.5         71.5         0.0         73.4           51.2         71.3         0.0         73.2           50.9         71.1         0.0         73.0	9.9         71.5         0.0         73.4         51.9         71.           9.7         71.3         0.0         73.2         51.7         71.           9.5         71.1         0.0         73.0         51.4         71.	5         0.0         73.4         47.8         71.5         0.0         73.4           3         0.0         73.2         47.5         71.3         0.0         73.2           1         0.0         73.0         47.1         71.1         0.0         73.0
067A 006.0G 6 067A 70.8 72 067A 007.0G 7 067A 70.5 72 067B 001.0G 1 067B 63.0 64	2.7         49.7         70.8         0.0           2.4         49.4         70.5         0.0           4.9         37.8         63.0         0.0	72.7         53.6         70.9         0.1         72.8           72.4         53.2         70.6         0.1         72.5           64.9         39.4         63.0         0.0         64.9	51.4         70.8         0.0         72.7         49.6         70.8         0.0           51.1         70.5         0.0         72.4         49.2         70.5         0.0           51.4         8.4         63.0         0.0         64.9         55.5         63.7         0.7	72.7         46.6         70.8         0.0         72.7           72.4         46.2         70.5         0.0         72.4           65.6         54.2         63.5         0.5         65.4	49.6         70.8         0.0         72.7         46.6         70.8         0.0           49.2         70.5         0.0         72.4         46.2         70.5         0.0           52.6         63.3         0.4         65.2         45.3         63.0         0.1	72.7 49.7 70.8 0.0 72.4 49.3 70.5 0.0 64.9 36.8 63.0 0.0	72.7         54.2         70.9         0.1         72.8           72.4         54.1         70.6         0.1         72.5           64.9         40.7         63.0         0.0         64.9	52.8         70.9         0.1         72.8           52.7         70.6         0.1         72.5           38.1         63.0         0.0         64.9	50.7         70.8         0.0         72.7           50.6         70.5         0.0         72.4           56.5         63.8         0.9         65.7	9.4         70.8         0.0         72.7         51.2         70.           9.4         70.5         0.0         72.4         51.1         70.           2.3         63.3         0.4         65.2         54.4         63.	8         0.0         72.7         46.7         70.8         0.0         72.7           5         0.0         72.4         46.3         70.5         0.0         72.4           5         0.6         65.4         33.7         63.0         0.0         64.9
0678 002.OG 2 0678 63.0 64 0678 003.OG 3 0678 63.0 64 0678 004.OG 4 0678 63.0 64	4.9         37.5         63.0         0.0           4.9         37.8         63.0         0.0           4.9         38.2         63.0         0.0	64.9         39.5         63.0         0.0         64.9           64.9         40.1         63.0         0.0         64.9           64.9         40.6         63.0         0.0         64.9	38.4         63.0         0.0         64.9         54.8         63.6         0.6           38.8         63.0         0.0         64.9         55.1         63.6         0.7           39.1         63.0         0.0         64.9         55.1         63.6         0.7	65.5         53.8         63.4         0.5         65.3           65.5         53.9         63.5         0.5         65.4           65.5         53.9         63.5         0.5         65.4	52.2         63.3         0.4         65.2         45.3         63.0         0.1           52.5         63.3         0.4         65.2         45.9         63.0         0.1           52.5         63.3         0.4         65.2         45.9         63.0         0.1	64.9 37.6 63.0 0.0 64.9 38 63.0 0.0 64.9 38.4 63.0 0.0	64.9         41.4         63.0         0.0         64.9           64.9         41.8         63.0         0.0         64.9           64.9         42.3         63.0         0.0         64.9	38.9         63.0         0.0         64.9           39.3         63.0         0.0         64.9           39.8         63.0         0.0         64.9	55.6         63.7         0.7         65.6           55.1         63.6         0.7         65.5           55.1         63.6         0.7         65.5	1.3         63.2         0.3         65.1         53.4         63.           0.8         63.2         0.3         65.1         53         63.           0.8         63.2         0.3         65.1         53         63.           0.8         63.2         0.3         65.1         53         63.	4 0.5 65.3 34.2 63.0 0.0 64.9 4 0.4 65.3 34.6 63.0 0.0 64.9 4 0.4 65.3 35.1 63.0 0.0 64.9
0678 005.0G 5 0678 63.0 64 0678 006.0G 6 0678 63.0 64 0678 007.0G 7 0678 63.0 64	4.9         38.7         63.0         0.0           4.9         38.1         63.0         0.0           4.9         37.3         63.0         0.0	64.9         41.4         63.0         0.0         64.9           64.9         41.6         63.0         0.0         64.9           64.9         41.3         63.0         0.0         64.9	39.9         63.0         0.0         64.9         55.1         63.6         0.7           39.3         63.0         0.0         64.9         55.1         63.6         0.7           38.8         63.0         0.0         64.9         55.5         63.7         0.7	65.5         53.9         63.5         0.5         65.4           65.5         54         63.5         0.5         65.4           65.6         54.4         63.5         0.6         65.4	52.5         63.3         0.4         65.2         46         63.0         0.1           52.6         63.3         0.4         65.2         46         63.0         0.1           52.6         63.3         0.4         65.2         46         63.0         0.1           53.2         63.4         0.4         65.3         46         63.0         0.1	64.9 39 63.0 0.0 64.9 38.8 63.0 0.0 64.9 38.2 63.0 0.0	64.9         42.9         63.0         0.0         64.9           64.9         42.5         63.0         0.0         64.9           64.9         41.9         63.0         0.0         64.9	40.5         63.0         0.0         64.9           39.9         63.0         0.0         64.9           39.3         63.0         0.0         64.9	55.1         63.6         0.7         65.5           55.1         63.6         0.7         65.5           55.1         63.6         0.7         65.5           55.1         63.6         0.7         65.5	0.8         63.2         0.3         65.1         53         63.           0.8         63.2         0.3         65.1         53         63.           0.8         63.2         0.3         65.1         53         63.           0.8         63.2         0.3         65.1         53         63.	4 0.4 65.3 35.8 65.0 0.0 64.9 4 0.4 65.3 35.2 63.0 0.0 64.9 4 0.4 65.3 34.4 63.0 0.0 64.9
067C 001.0G 1 067C 65.5 67 067C 002.0G 2 067C 66.8 66 067C 003.0G 3 067C 67.2 65	7.4         47.8         65.6         0.1           8.7         48.5         66.9         0.1           9.1         48.4         67.3         0.1	67.5         49.8         65.6         0.1         67.5           68.8         50.8         66.9         0.1         68.8           69.2         50.8         67.3         0.1         69.2	48.3         65.6         0.1         67.5         55.6         65.9         0.4           49.1         66.9         0.1         68.8         55.2         67.1         0.3           49.2         67.3         0.1         68.2         46         67.2         0.0	67.8         54.7         65.8         0.3         67.7           69.0         54.2         67.0         0.2         68.9           69.1         43.2         67.2         0.0         69.1	54.8         65.9         0.4         67.8         49.2         65.6         0.1           54.4         67.0         0.2         68.9         49.2         66.9         0.1           46.1         67.2         0.0         69.1         43         67.2         0.0	67.5 45 65.5 0.0 68.8 46.2 66.8 0.0 69.1 46 67.2 0.0	67.4         49         65.6         0.1         67.5           68.7         50.1         66.9         0.1         68.8           69.1         50         67.3         0.1         69.2	46.7         65.6         0.1         67.5           47.9         66.9         0.1         68.8           47.8         67.2         0.0         69.1	55.5         65.9         0.4         67.8           45.8         66.8         0.0         68.7           45.9         67.2         0.0         69.1	1.5         65.7         0.2         67.6         53.7         65.           2.8         66.8         0.0         68.7         45.8         66.           2.9         67.2         0.0         69.1         45.9         67.	8         0.3         67.7         41.7         65.5         0.0         67.4           8         0.0         68.7         42.8         66.8         0.0         68.7           2         0.0         69.1         42.8         67.2         0.0         69.1
067C 004.0G 4 067C 67.4 65 067C 005.0G 5 067C 67.4 65 067C 006.0G 6 067C 67.4 65	9.3 48.2 67.5 0.1 9.3 45.7 67.4 0.0 9.3 45.5 67.4 0.0	69.4         50.6         67.5         0.1         69.4           69.3         49.5         67.5         0.1         69.4           69.3         49.3         67.5         0.1         69.4	48.9 67.5 0.1 69.4 46 67.4 0.0 47.4 67.4 0.0 69.3 45.6 67.4 0.0 47.1 67.4 0.0 69.3 45.4 67.4 0.0	69.3         43.3         67.4         0.0         69.3           69.3         42.8         67.4         0.0         69.3           69.3         42.6         67.4         0.0         69.3	46         67.4         0.0         69.3         43         67.4         0.0           45.7         67.4         0.0         69.3         42.6         67.4         0.0           45.5         67.4         0.0         69.3         42.6         67.4         0.0	69.3         45.9         67.4         0.0           69.3         45.7         67.4         0.0           69.3         45.5         67.4         0.0	69.3         49.8         67.5         0.1         69.4           69.3         49.7         67.5         0.1         69.4           69.3         49.5         67.5         0.1         69.4	47.6         67.4         0.0         69.3           47.4         67.4         0.0         69.3           47.2         67.4         0.0         69.3	45.7         67.4         0.0         69.3           45.6         67.4         0.0         69.3           45.3         67.4         0.0         69.3	2.8         67.4         0.0         69.3         45.8         67.           2.7         67.4         0.0         69.3         45.6         67.           2.4         67.4         0.0         69.3         45.4         67.	4         0.0         69.3         42.7         67.4         0.0         69.3           4         0.0         69.3         42.5         67.4         0.0         69.3           4         0.0         69.3         42.3         67.4         0.0         69.3
067C 007.0G 7 067C 67.2 65 067D 001.0G 1 067D 67.3 65 067D 002.0G 2 067D 68.6 70	9.1 45.3 67.2 0.0 9.2 45.7 67.3 0.0 0.5 47.4 68.6 0.0	69.1         49         67.3         0.1         69.2           69.2         49.4         67.4         0.1         69.3           70.5         51.2         68.7         0.1         70.6	46.9         67.2         0.0         69.1         45.1         67.2         0.0           47.3         67.3         0.0         69.2         45.5         67.3         0.0           49         68.6         0.0         70.5         47.3         68.6         0.0	69.1         42.3         67.2         0.0         69.1           69.2         42.8         67.3         0.0         69.2           70.5         44.4         68.6         0.0         70.5	45.2         67.2         0.0         69.1         42.1         67.2         0.0           45.6         67.3         0.0         69.2         42.6         67.3         0.0           47.3         68.6         0.0         70.5         44.3         68.6         0.0	69.1         45.3         67.2         0.0           69.2         45.6         67.3         0.0           70.5         47.4         68.6         0.0	69.1         49.2         67.3         0.1         69.2           69.2         49.6         67.4         0.1         69.3           70.5         51.4         68.7         0.1         70.6	47         67.2         0.0         69.1           47.3         67.3         0.0         69.2           49.2         68.6         0.0         70.5	45.1         67.2         0.0         69.1           55.5         67.6         0.3         69.5           56.5         68.9         0.3         70.8	2.2         67.2         0.0         69.1         45.1         67.           9.9         67.4         0.1         69.3         52.2         67.           2.3         68.7         0.1         70.6         54.6         68.	2         0.0         69.1         42         67.2         0.0         69.1           4         0.1         69.3         42.5         67.3         0.0         69.2           8         0.2         70.7         44.3         68.6         0.0         70.5
067D 003.OG 3 067D 68.6 70 067D 004.OG 4 067D 68.5 70 067D 005.OG 5 067D 68.2 70	47.7         68.6         0.0           0.4         47.6         68.5         0.0           0.1         47.4         68.2         0.0	70.5         51.5         68.7         0.1         70.6           70.4         51.4         68.6         0.1         70.5           70.1         51.3         68.3         0.1         70.2	49.3         68.7         0.1         70.6         55         68.8         0.2           49.3         68.6         0.1         70.5         55         68.7         0.2           49.1         68.3         0.1         70.2         54.9         68.4         0.2	70.7         54.6         68.8         0.2         70.7           70.6         54.6         68.7         0.2         70.6           70.3         54.6         68.4         0.2         70.3	53.6         68.7         0.1         70.6         44.6         68.6         0.0           53.6         68.6         0.1         70.5         47.9         68.5         0.0           53.6         68.3         0.1         70.2         47.9         68.2         0.0	70.5         47.7         68.6         0.0           70.4         47.6         68.5         0.0           70.1         47.5         68.2         0.0	70.5         51.7         68.7         0.1         70.6           70.4         51.7         68.6         0.1         70.5           70.1         51.5         68.3         0.1         70.2	49.4         68.7         0.1         70.6           49.4         68.6         0.1         70.5           49.3         68.3         0.1         70.2	56.1         68.8         0.2         70.7           56.1         68.7         0.2         70.6           56.1         68.5         0.3         70.4	52         68.7         0.1         70.6         54.3         68.           52         68.6         0.1         70.5         54.3         68.           52         68.3         0.1         70.2         54.3         68.	8         0.2         70.7         44.6         68.6         0.0         70.5           7         0.2         70.6         44.6         68.5         0.0         70.4           4         0.2         70.3         44.4         68.2         0.0         70.1
067D 006.OG 6 067D 68.0 65 067D 007.OG 7 067D 67.7 65 068C 001.OG 1 068C 63.0 64	9.9 47.3 68.0 0.0 9.6 47 67.7 0.0 4.5 38.7 63.0 0.0	69.9         51.1         68.1         0.1         70.0           69.6         50.9         67.8         0.1         69.7           64.5         40.2         63.0         0.0         64.5	48.8         68.1         0.1         70.0         54.9         68.2         0.2           48.7         67.8         0.1         69.7         55.1         67.9         0.2           38.6         63.0         0.0         64.5         37.3         63.0         0.0	70.1         54.6         68.2         0.2         70.1           69.8         54.8         67.9         0.2         69.8           64.5         35.7         63.0         0.0         64.5	53.5         68.2         0.2         70.1         47.8         68.0         0.0           53.8         67.9         0.2         69.8         47.7         67.7         0.0           37.9         63.0         0.0         64.5         34.7         63.0         0.0	69.9         47.3         68.0         0.0           69.6         47.6         67.7         0.0           64.5         36.9         63.0         0.0	69.9         51.4         68.1         0.1         70.0           69.6         51.7         67.8         0.1         69.7           64.5         40.8         63.0         0.0         64.5	49.2         68.1         0.1         70.0           50.3         67.8         0.1         69.7           37.6         63.0         0.0         64.5	56.1         68.3         0.3         70.2           56.3         68.0         0.3         69.9           35.5         63.0         0.0         64.5	52         68.1         0.1         70.0         54.3         68.           2.6         67.8         0.1         69.7         54.8         67.           2.9         63.0         0.0         64.5         35.8         63.	2         0.2         70.1         44.2         68.0         0.0         69.9         9         0.2         69.8         44         67.7         0.0         69.6         0         0.0         64.5         32.7         63.0         0.0         64.5
068C 002.0G 2 068C 63.0 64 068C 003.0G 3 068C 63.0 64 068D 001.0G 1 068D 63.0 64	4.5 38.5 63.0 0.0 4.5 38.8 63.0 0.0 4.5 39.8 63.0 0.0	64.5         40.7         63.0         0.0         64.5           64.5         41.4         63.0         0.0         64.5           64.5         42         63.0         0.0         64.5	40         63.0         0.0         64.5         37.6         63.0         0.0           40.7         63.0         0.0         64.5         38.1         63.0         0.0           41.5         63.0         0.0         64.5         34.1         63.0         0.0	64.5         35.9         63.0         0.0         64.5           64.5         36.4         63.0         0.0         64.5           64.5         39.6         63.0         0.0         64.5	38.1         63.0         0.0         64.5         34.9         63.0         0.0           38.6         63.0         0.0         64.5         35.4         63.0         0.0           40.9         63.0         0.0         64.5         36.8         63.0         0.0	64.5         37.2         63.0         0.0           64.5         37.6         63.0         0.0           64.5         39.4         63.0         0.0	64.5         41.2         63.0         0.0         64.5           64.5         41.6         63.0         0.0         64.5           64.5         43.3         63.0         0.0         64.5	38.1         63.0         0.0         64.5           38.5         63.0         0.0         64.5           39.9         63.0         0.0         64.5	36.1         63.0         0.0         64.5           36.6         63.0         0.0         64.5           56.9         63.9         1.0         65.4	3.4         63.0         0.0         64.5         36.3         63.           3.9         63.0         0.0         64.5         36.8         63.           2.7         63.3         0.4         64.8         54.8         63.	0 0.0 64.5 33.2 63.0 0.0 64.5 0 0.0 64.5 33.7 63.0 0.0 64.5 6 0.6 65.1 36.3 63.0 0.0 64.5
068D 002.OG         2 068D         63.0         64           068D 003.OG         3 068D         63.0         64           069C 001.OG         1 069C         63.0         64	40.1         63.0         0.0           4.5         40.5         63.0         0.0           4.9         38         63.0         0.0	64.5         42.8         63.0         0.0         64.5           64.5         43.4         63.0         0.0         64.5           64.9         41.3         63.0         0.0         64.9	42.4         63.0         0.0         64.5         41.1         63.0         0.0           42.4         63.0         0.0         64.5         58.3         64.2         1.3           45.9         63.0         0.1         64.9         45.3         63.0         0.1	64.5         39.4         63.0         0.0         64.5           65.7         56.3         63.8         0.9         65.3           64.9         44.8         63.0         0.1         64.9	41.1         63.0         0.0         64.5         37.3         63.0         0.0           55.8         63.7         0.8         65.2         48.8         63.1         0.2           45         63.0         0.1         64.9         37.3         63.0         0.0	64.5         39.9         63.0         0.0           64.6         40.3         63.0         0.0           64.9         36.4         63.0         0.0	64.5         43.9         63.0         0.1         64.5           64.5         44.3         63.0         0.1         64.5           64.9         40.7         63.0         0.0         64.9	40.6         63.0         0.0         64.5           41.2         63.0         0.0         64.5           36.9         63.0         0.0         64.9	56         63.7         0.8         65.2           55.5         63.7         0.7         65.2           35.3         63.0         0.0         64.9	1.6         63.3         0.3         64.8         53.8         63.           1.2         63.2         0.3         64.7         53.5         63.           2.8         63.0         0.0         64.9         35.5         63.	4         0.5         64.9         36.8         63.0         0.0         64.5           4         0.5         64.9         37.2         63.0         0.0         64.5           0         0.0         64.9         32.2         63.0         0.0         64.9
069C 002.OG 2 069C 63.0 64 069C 003.OG 3 069C 63.0 64 069D 001.OG 1 069D 63.0 64	4.9         39         63.0         0.0           4.9         39.3         63.0         0.0           4.9         41.1         63.0         0.0	64.9         42.7         63.0         0.0         64.9           64.9         43.5         63.0         0.0         64.9           64.9         43.5         63.0         0.0         64.9           64.9         48.7         63.2         0.2         65.1	48.3         63.1         0.1         65.0         47.8         63.1         0.1           48.8         63.1         0.2         65.0         48.1         63.1         0.1           46.5         63.1         0.1         65.0         52         63.3         0.3	65.0         47.6         63.1         0.1         65.0           65.0         47.8         63.1         0.1         65.0           65.2         45.6         63.1         0.1         65.0           65.2         45.6         63.1         0.1         65.0	47.7         63.1         0.1         65.0         37.7         63.0         0.0           47.9         63.1         0.1         65.0         39         63.0         0.0           44.9         63.1         0.1         65.0         35.1         63.0         0.0	64.9         36.5         63.0         0.0           64.9         36.9         63.0         0.0           64.9         37.1         63.0         0.0	64.9         40.7         63.0         0.0         64.9           64.9         41.1         63.0         0.0         64.9           64.9         41.2         63.0         0.0         64.9	37.8         63.0         0.0         64.9           38.2         63.0         0.0         64.9           37.1         63.0         0.0         64.9	34.7         63.0         0.0         64.9           35.3         63.0         0.0         64.9           36.3         63.0         0.0         64.9	2.2         63.0         0.0         64.9         34.9         63.           2.8         63.0         0.0         64.9         35.5         63.           3.7         63.0         0.0         64.9         36.5         63.	0         0.0         64.9         31.6         63.0         0.0         64.9           0         0.0         64.9         32.2         63.0         0.0         64.9           0         0.0         64.9         32.2         63.0         0.0         64.9           0         0.0         64.9         33.2         63.0         0.0         64.9
069D 002.OG 2 069D 63.4 65 069D 003.OG 3 069D 63.2 65 070C 001.OG 1 070C 63.0 64	5.3         44.9         63.5         0.1           5.1         46.5         63.3         0.1           4.5         38.5         63.0         0.0	65.4         51.6         63.7         0.3         65.6           65.2         52.4         63.5         0.3         65.4           64.5         41.5         63.0         0.0         64.5	48.3         63.5         0.1         65.4         52         63.7         0.3           49.5         63.4         0.2         65.3         52.1         63.5         0.3           99.8         63.0         0.0         64.5         38.1         63.0         0.0	65.6         45.7         63.5         0.1         65.4           65.4         45.9         63.3         0.1         65.2           64.5         35.7         63.0         0.0         64.5	45         63.5         0.1         65.4         35.4         63.4         0.0           45.3         63.3         0.1         65.2         35.7         63.2         0.0           38.5         63.0         0.0         64.5         35.1         63.0         0.0	65.3         37.8         63.4         0.0           65.1         38.1         63.2         0.0           64.5         38.1         63.0         0.0	65.3         41.9         63.4         0.0         65.3           65.1         42.2         63.2         0.0         65.1           64.5         42.1         63.0         0.0         64.5	38.1         63.4         0.0         65.3           38.4         63.2         0.0         65.1           39.5         63.0         0.0         64.5	36.6         63.4         0.0         65.3           37         63.2         0.0         65.1           37.6         63.0         0.0         64.5	34         63.4         0.0         65.3         36.8         63.           4.4         63.2         0.0         65.1         37.2         63.           4.7         63.0         0.0         64.5         37.7         63.	4         0.0         65.3         33.5         63.4         0.0         65.3           2         0.0         65.1         33.9         63.2         0.0         65.1           0         0.0         64.5         34.6         63.0         0.0         64.5
070C 002.0G 2 070C 63.0 64 070C 003.0G 3 070C 63.0 64 070D 001.0G 1 070D 63.0 64	4.5 39.3 63.0 0.0 4.5 40.2 63.0 0.0 4.5 36.7 63.0 0.0	64.5         42.5         63.0         0.0         64.5           64.5         43.6         63.0         0.1         64.5           64.5         38.4         63.0         0.0         64.5	40.7         63.0         0.0         64.5         39         63.0         0.0           41.7         63.0         0.0         64.5         40.1         63.0         0.0           38         63.0         0.0         64.5         58         64.2         1.2	64.5         36.5         63.0         0.0         64.5           64.5         37.5         63.0         0.0         64.5           65.7         55.6         63.7         0.7         65.2	39.4         63.0         0.0         64.5         36.1         63.0         0.0           40.3         63.0         0.0         64.5         37.1         63.0         0.0           54.9         63.6         0.6         65.1         47.3         63.1         0.1	64.5         39         63.0         0.0           64.5         40.1         63.0         0.0           64.6         35.5         63.0         0.0	64.5         43.1         63.0         0.0         64.5           64.5         44.1         63.0         0.1         64.5           64.5         39.4         63.0         0.0         64.5	40.5         63.0         0.0         64.5           41.6         63.0         0.0         64.5           36.6         63.0         0.0         64.5	38.6         63.0         0.0         64.5           39.7         63.0         0.0         64.5           55.9         63.7         0.8         65.2	5.8         63.0         0.0         64.5         38.7         63.           6.8         63.0         0.0         64.5         39.8         63.           1.6         63.3         0.3         64.8         53.7         63.	0         0.0         64.5         35.7         63.0         0.0         64.5           0         0.0         64.5         36.8         63.0         0.0         64.5           4         0.5         64.9         32.3         63.0         0.0         64.5
2/70D 002.05 2070D 63.0 64 070D 003.0G 3070D 63.0 64 071A 001.0G 1071A 63.0 64 071A 001.0G 2071A 63.0 64	4.5         37.8         63.0         0.0           4.5         37.8         63.0         0.0           4.5         39.4         63.0         0.0           4.5         4.5         0.0         0.0	0+.3         33.7         63.0         0.0         64.5           64.5         40.8         63.0         0.0         64.5           64.5         40.8         63.0         0.0         64.5           64.5         40.8         63.0         0.0         64.5           64.5         40.8         63.0         0.0         64.5	3x.2         05.0         0.0         64.5         57.2         64.0         1.0           42.8         65.0         0.0         64.5         57.4         64.0         1.1           39.3         65.0         0.0         64.5         57.4         64.0         1.1           39.3         65.0         0.0         64.5         55.6         65.7         0.7           40.3         64.0         0.0         64.5         55.6         63.7         0.7	02-3         55.4         05.7         0.7         65.2           65.5         55.6         63.7         0.7         65.2           65.2         51         63.2         0.3         64.7           65.1         50.9         63.2         0.2         44.7	3%,r         b5,b         U.b         65,1         47,2         63,1         0,1           55         63,6         0.6         65,1         47,3         63,1         0,1           52,3         63,3         0.4         64,8         45,4         63,0         0,1           52,2         63,3         0.4         64,8         45,4         63,0         0,1	b4,b         35.9         63.0         0.0           64,6         35.7         63.0         0.0           64,5         36.8         63.0         0.0           64,5         36.8         63.0         0.0	w.s.         sy.s.         63.0         0.0         64.5           64.5         39.7         63.0         0.0         64.5           64.5         41         63.0         0.0         64.5           64.5         41         63.0         0.0         64.5	xr.1         b3.0         0.0         64.5           36.9         63.0         0.0         64.5           38.3         63.0         0.0         64.5           38.5         63.0         0.0         64.5	x4.9         b3.b         0.6         65.1           54.4         63.5         0.6         65.0           58.5         64.3         1.3         65.8           56.9         65.9         1.0         67.4	0.0         0.2         0.2         64.7         52.7         63.           50         63.2         0.2         64.7         52.2         63.           4.2         63.5         0.5         65.0         56.3         63.           1.7         63.3         0.3         64.9         62.7         63.	x         v.e         b4.8         32.8         63.0         0.0         64.5           3         0.4         64.8         32.7         63.0         0.0         64.5           8         0.9         65.3         33.1         63.0         0.0         64.5           4         0.5         64.9         32         63.0         0.0         64.5



5 mont	hs (superst	ructure)			2 M	onths (exter	iors)			4 month	ns of overlap	o (ext/int)			7 m	onths (inter	iors)	
eq	P2T3		L10		Leq	P2T4		L10		Leq	P2T4b		L10		Leq	P2T5		L10
3.5 3.0	0.5	Exceed?	65.0	49.8 31.8	63.2 63.0	0.2 0.0	Exceed?	64.7 64.5	52 34.4	63.3 63.0	0.3	Exceed?	64.8	32 31	63.0	0.0	Exceed?	64.5 64.5
3.0 3.0	0.0		64.5 64.5	32.5	63.0 63.0	0.0		64.5 64.5	35.2	63.0 63.0	0.0		64.5 64.5	31.9 31.7	63.0 63.0	0.0		64.5 64.5
3.0 3.0	0.0		64.5 64.5	32.2 32.5	63.0 63.0	0.0		64.5 64.5	34.8 35.1	63.0 63.0	0.0		64.5 64.5	31.4 31.7	63.0 63.0	0.0		64.5 64.5
3.0 3.7	0.0		64.5 65.2	32.8 51.6	63.0 63.3	0.0		64.5 64.8	35.5 53.7	63.0 63.4	0.0		64.5 64.9	32.2 32.3	63.0 63.0	0.0		64.5 64.5
3.6 3.5	0.6		65.1 65.0	50.6 50	63.2 63.2	0.2		64.7 64.7	52.7 52.2	63.3 63.3	0.4		64.8 64.8	32.9	63.0 63.0	0.0		64.5 64.5
3.4 3.4	0.4		64.9 64.9	49.4	63.1	0.2		64.6	51.4	63.2	0.3		64.7	33.4	63.0	0.0		64.5
3.0 3.0	0.0		64.5 64.5	31.6	63.0	0.0		64.5	34	63.0 63.0	0.0		64.5 64.5	30.4	63.0 63.0	0.0		64.5
3.0 N/A	0.0 #N/A	#N/A	64.5 #N/A	32.7 #N/A	63.0 #N/A	0.0 #N/A	#N/A	64.5 #N/A	35.2 #N/A	63.0 #N/A	0.0 #N/A	#N/A	64.5 #N/A	31.6 #N/A	63.0 #N/A	0.0 #N/A	#N/A	64.5 #N/A
N/A N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A
N/A N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A
N/A 3.1	#N/A 0.1	#N/A	#N/A 67.8	#N/A 45.2	#N/A 63.0	#N/A 0.1	#N/A	#N/A 67.7	#N/A 47.8	#N/A 63.1	#N/A 0.1	#N/A	#N/A 67.8	#N/A 44.4	#N/A 63.0	#N/A 0.1	#N/A	#N/A 67.7
7.0 3.0 v/a	0.0 #N/A	±N/۵	67.7 #N/A	40.9 #N/A	63.0 #N/A	0.0 #N/A	πN/Δ	67.7 #N/A	43.5 #N/A	63.0 #N/A	0.0 #N/A	#N/A	67.7 #N/A	44.4 40.1 #N/A	63.0 #N/A	0.0 #N/A	#N/A	67.7 #N/A
N/A N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A
A/A N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A
N/A 3.2	#N/A 0.2	#N/A	#N/A 64.7	#N/A 49	#N/A 63.1	#N/A 0.2	#N/A	#N/A 64.6	#N/A 50.1	#N/A 63.2	#N/A 0.2	#N/A	#N/A 64.7	#N/A 43.6	#N/A 63.0	#N/A 0.1	#N/A	#N/A 64.5
3.3 3.4 0.1	0.4	YES	64.8 64.9 71.6	50.9 52.4 64.8	63.2 67.0	0.3	VES	64.8 68.5	51.7	63.4 68.2	0.3	YES	64.8 64.9	43.7 44.3 47.1	63.0 63.1	0.1		64.5 64.6
3.0 3.1	0.1		64.5 64.6	43 44.4	63.0 63.0	0.0		64.5 64.5	45.6	63.0 63.1	0.1		64.5 64.6	41.8	63.0 63.0	0.0		64.5 64.5
N/A N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A	#N/A #N/A
N/A 3.0	#N/A 0.1	#N/A	#N/A 64.5	#N/A 42.1	#N/A 63.0	#N/A 0.0	#N/A	#N/A 64.5	#N/A 44.7	#N/A 63.0	#N/A 0.1	#N/A	#N/A 64.5	#N/A 41.3	#N/A 63.0	#N/A 0.0	#N/A	#N/A 64.5
3.0 3.0	0.1		64.5 64.5	43	63.0 63.0	0.0		64.5 64.5	45.7 46.3	63.0 63.0	0.1		64.5 64.5	42.4	63.0 63.0	0.0		64.5 64.5
3.0	0.1		64.5 64.6	+4./ 43.8 44_2	63.0 63.0	0.0		64.5 64.5	+3.4 46.6 47	63.0 63.1	0.1		64.5 64.6	+2.1 43.4 43.8	63.0 63.0	0.0		64.5 64.5
3.1	0.1		64.6 64.6	44.4 44.6	63.0 63.0	0.1		64.5 64.5	47.2	63.1 63.1	0.1		64.6 64.6	44	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.1		64.6 64.6	44.7 44.8	63.0 63.0	0.1		64.5 64.5	47.6 47.7	63.1 63.1	0.1		64.6 64.6	44.4 44.6	63.0 63.0	0.1		64.5 64.5
3.1	0.1		64.6 64.6	44.9 45.1	63.0 63.0	0.1		64.5 64.5	47.8 47.9	63.1 63.1	0.1		64.6 64.6	44.7 44.8	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.1		64.6 64.6	45.1	63.0 63.0	0.1		64.5 64.5	48	63.1 63.1	0.1		64.6	44.9 44.9	63.0 63.0	0.1		64.5 64.5
3.1	0.1		64.6 64.6	45.2	63.0 63.0	0.1		64.5 64.5	+d.1 48.1 48.7	63.1 63.1	0.1		64.6 64.6	45 45 1	63.0 63.0	0.1		64.5 64.5
3.1	0.1		64.6 64.6	45.3 45.3	63.0 63.0	0.1		64.5 64.5	48.2	63.1 63.1	0.1		64.6 64.6	45.1	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.1		64.6 64.6	45.3 45.3	63.0 63.0	0.1		64.5 64.5	48.3 48.3	63.1 63.1	0.1		64.6 64.6	45.2 45.2	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.1		64.6 64.6	45.4 45.4	63.0 63.0	0.1		64.5 64.5	48.3 48.3	63.1 63.1	0.1		64.6 64.6	45.2 45.3	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.1		64.6 64.6	45.4 45.4	63.0 63.0	0.1		64.5 64.5	48.4	63.1 63.1	0.1		64.6 64.6	45.3 45.3	63.0 63.0	0.1		64.5 64.5
3.1 3.1 3.1	0.1		64.6 64.6	45.5	63.0 63.0	0.1		64.5 64.5	48.4	63.1 63.1	0.1		64.6 64.6	45.4	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.2		64.6 64.6	45.6 45.6	63.0 63.0	0.1		64.5 64.5	48.5 48.5	63.1 63.1	0.2		64.6 64.6	45.5 45.4	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.2		64.6 64.6	45.6 45.7	63.0 63.0	0.1		64.5 64.5	48.6 48.6	63.1 63.1	0.2		64.6 64.6	45.5 45.5	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.2		64.6 64.6	45.7 45.8	63.0 63.0	0.1		64.5 64.5	48.6 48.7	63.1 63.1	0.2		64.6 64.6	45.5 45.6	63.0 63.0	0.1		64.5 64.5
3.1 3.1	0.2		64.6 64.6	45.7	63.0 63.0	0.1		64.5 64.5	48.6	63.1 63.1	0.2		64.6 64.6	45.6	63.0 63.0	0.1		64.5 64.5
3.4 3.4	0.4		66.2 66.2	50.1	63.2 63.2	0.2		66.0 66.0	53	63.4 63.4	0.4		66.2 66.2	50	63.2 63.2	0.2		66.0 66.0
3.3 3.3	0.4		66.1 66.1	49.3 48.9	63.1 63.1	0.2		65.9 65.9	52.3 51.9	63.3 63.3	0.4		66.1 66.1	49.3 48.8	63.1 63.1	0.2		65.9 65.9
3.2 3.2	0.3		66.0 66.0	48.5 48.2	63.1 63.1	0.2		65.9 65.9	51.5 51.3	63.3 63.2	0.3		66.1 66.0	48.5 48.3	63.1 63.1	0.2		65.9 65.9
3.2 3.2	0.3		66.0 66.0	48.1 47.9	63.1 63.1	0.1		65.9 65.9	51.1	63.2 63.2	0.3		66.0 66.0	48.2	63.1 63.1	0.1		65.9 65.9
3.2	0.2		66.0 66.0	47.4	63.1 62.1	0.1		65.9	50.4	63.2 63.2	0.2		66.0 66.0	47.1	63.1 63.1	0.1		65.9
3.2 3.1	0.2		66.0 65.9	46.8	63.1 63.1	0.1		65.9	49.8	63.2 63.2	0.2		66.0 66.0	46.7	63.1 63.0	0.1		65.9
3.1 3.1	0.2		65.9 65.9	46.6 46.5	63.0 63.0	0.1		65.8 65.8	49.6 49.5	63.1 63.1	0.2		65.9 65.9	46.5 46.4	63.0 63.0	0.1		65.8 65.8
3.1 3.1	0.2		65.9 65.9	46.4 46.4	63.0 63.0	0.1		65.8 65.8	49.4 49.3	63.1 63.1	0.2		65.9 65.9	46.4 46.3	63.0 63.0	0.1		65.8 65.8
3.1 3.1	0.2		65.9 65.9	46.3	63.0 63.0	0.1		65.8 65.8	49.3	63.1 63.1	0.2		65.9 65.9	46.2	63.0 63.0	0.1		65.8 65.8
3.1 3.1 3.1	0.2		65.9 65.9	46.1 46.1	63.0 63.0	0.1		65.8 65.8	49.1 49.1 49	63.1 63.1	0.2		65.9 65.9	46.1	63.0 63.0	0.1		65.8 65.8
3.1 3.1	0.2		65.9 65.9	46 46	63.0 63.0	0.1		65.8 65.8	49 48.9	63.1 63.1	0.2		65.9 65.9	45.9 45.9	63.0 63.0	0.1		65.8 65.8
3.1 3.1	0.2		65.9 65.9	45.9 45.8	63.0 63.0	0.1		65.8 65.8	48.9 48.8	63.1 63.1	0.2		65.9 65.9	45.8 45.8	63.0 63.0	0.1		65.8 65.8
3.1	0.2		65.9 65.9	45.8	63.0 63.0	0.1		65.8 65.8	48.8	63.1 63.1	0.2		65.9 65.9	45.7	63.0 63.0	0.1		65.8 65.8
3.1 3.1	0.2		65.9 65.9	45.7 45.7 45.7	63.0 62.0	0.1		65.8 65.8	48.7 48.7 49.6	63.1 62.1	0.2		65.9 65.9	45.7 45.6	63.0 63.0	0.1		65.8 65.9
3.1 3.1	0.2		65.9 65.9	45.6	63.0 63.0	0.1		65.8 65.8	48.6	63.1 63.1	0.2		65.9 65.9	45.6	63.0 63.0	0.1		65.8 65.8
3.1 3.1	0.2		65.9 65.9	45.6 45.6	63.0 63.0	0.1		65.8 65.8	48.6 48.6	63.1 63.1	0.2		65.9 65.9	45.5 45.5	63.0 63.0	0.1		65.8 65.8
3.1	0.2		65.9 65.9	45.6	63.0 63.0	0.1		65.8 65.8	48.5	63.1 63.1	0.2		65.9 65.9	45.5	63.0 63.0	0.1		65.8 65.8
5.1 6.7 6.7	3.7	YES	69.5 69.5	45.5 60 50.0	64.7	0.1 1.8		67.5 67.5	48.5 62.3	65.6 65.7	0.2 2.7 2.7		68.4 68.5	45.5 40.9 42.1	63.0 63.0	0.0		65.8 65.9
6.7 6.6	3.7	YES	69.5 69.4	59.9 59.8	64.7 64.7	1.7		67.5	62.4 62.3	65.7 65.6	2.7		68.5 68.4	44.1	63.0 63.0	0.1		65.8 65.8
6.6 6.6	3.7 3.6	YES	69.4 69.4	59.7 59.6	64.6 64.6	1.7 1.7		67.4 67.4	62.3 62.3	65.6 65.6	2.7 2.7		68.4 68.4	43.9 44.1	63.0 63.0	0.1		65.8 65.8
6.6	3.6	YES	69.4 69.3	59.6 59.5	64.6 64.6	1.7		67.4 67.4	62.2 62.2	65.6 65.6	2.7		68.4 68.4	44.2 44.3	63.0 63.0	0.1		65.8 65.8
6.4 6.4	3.5	YES	69.3 69.2	59.4 59.3	64.5 64.5	1.6		67.3	62.1	65.6	2.6		68.4 68.4	44.3	63.0 63.0	0.1		65.8 65.8
6.3 6.2	3.4 3.3 3.2	YES	69.1 69.0	59.1 59	64.4 64.4	1.5		67.2 67.2	61.9 61.9	65.5 65.5	2.5		68.3 68.3	44.3 44.3	63.0 63.0	0.1 0.1		65.8 65.8
6.1 6.1	3.2 3.1	YES YES	68.9 68.9	58.9 58.8	64.4 64.4	1.4 1.4		67.2 67.2	61.8 61.7	65.4 65.4	2.5 2.4		68.2 68.2	44.2 44.1	63.0 63.0	0.1		65.8 65.8
6.0 5.9	3.1 3.0	YES	68.8 68.7	58.7 58.7	64.3 64.3	1.4 1.4	_	67.1 67.1	61.6 61.5	65.3 65.3	2.4 2.3		68.1 68.1	44.1 44	63.0 63.0	0.1	_	65.8 65.8
5.9 5.8	2.9		68.7 68.6	58.6 58.5	64.3 64.3	1.4		67.1	61.4	65.3 65.2	2.3		68.1 68.0	43.9	63.0 63.0	0.1		65.8 65.8
5.7 5.6	2.8		68.5 68.7	58.3 58.1	64.2 64.2	1.3 1.3 1.2		67.0 67.0	61.1 61	65.1 65.1	2.2		67.9	43.7 43.6 43.6	63.0 63.0	0.1		65.8 65.8
5.6	2.7		68.4 68.4	58 57.9	64.2 64.1	1.2		67.0 66.9	60.9 60.8	65.1 65.0	2.1 2.1		67.9 67.8	43.4	63.0 63.0	0.0		65.8 65.8
5.5	2.6		68.3 68.3	57.8 57.7	64.1 64.1	1.2		66.9 66.9	60.7 60.5	65.0 64.9	2.0		67.8 67.7	43.2 43.1	63.0 63.0	0.0		65.8 65.8
5.4 5.4	2.5 2.4	_	68.2 68.2	57.5 57.4	64.0 64.0	1.1	_	66.8 66.8	60.4 60.3	64.9 64.8	1.9 1.9		67.7 67.6	43.1 42.9	63.0 63.0	0.0	_	65.8 65.8
5.4 5.3	2.4		68.2 68.1	57.2 57.1	64.0 64.0	1.0		66.8 66.8	60.1 60	64.8 64.7	1.8		67.6 67.5	42.9	63.0 63.0	0.0		65.8 65.8
5.3 5.3	2.3		68.1 68.1	3/ 56.8 56.7	63.9 63.9	0.9		66.7 66.7	59.7 59.7	64.6	1.7		67.4 67.4	42.8	63.0 63.0	0.0		65.8 65.8
3.5	0.5		65.4 65.2	49 48.2	63.1 63.1	0.2		65.0 65.0	55.4	63.7 64.3	0.7		65.6 66.2	48.6 44.8	63.1 63.0	0.2		65.0 64.9
3.4 5.4	0.5		65.3 67.3	49.3 58.1	63.1 64.2	0.2		65.0 66.1	58.8 62.6	64.4 65.8	1.4 2.8		66.3 67.7	47 47.3	63.1 63.1	0.1		65.0 65.0
9.6 5.2	6.6 2.3	YES	71.5	64.3 57.2	66.7 64.0	3.7 1.0	YES	68.6 65.9	66.9 59.5	68.4 64.6	5.4 1.6	YES	70.3	45.5 44.3	63.0 63.0	0.1	_	64.9 64.9
5.3 5.3	2.3		67.2 67.2	57.4 57.4	64.0 64.0	1.1		65.9 65.9	59.7 59.7	64.6 64.6	1.7		66.5 66.5	46.8	63.1 63.1	0.1		65.0 65.0
3.4 3.4	0.4		65.3 65.3	50.2 50.9	63.2 63.2	0.2		65.1 65.1	53.1 53.8	63.4 63.4	0.4		65.3 65.3	50	63.2 63.2	0.2		65.1 65.1
3.4	0.4	-	65.3 65.3	50.6 50.2	63.2 63.2	0.2	-	65.1 65.1	53.5 53	63.4 63.4	0.5		65.3 65.3	50.4 49.9	63.2 63.2	0.2	-	65.1 65.1
1.3	0.4		65.2	50	63.2	0.2		65.1	52.8	63.4	0.4	. –	65.3	49.6	63.1	0.2		65.0

					51	nonths (demo)		2 months	s of Overlap (only	rlap (only 2 months of hoe ram modeled) P1T1b			8 monti	hs (foundatio	on)			6 months (si	uperstruture	e)			L Months (ex	erior)			3 months o	f overlap (ext/i	int)			7 months (in	t)			4 months	(demo)		1 moi	nth of Overla	(demo/excava	tion)		5 months	(foundation)			16 months	(superstructu	ire)		2 Mc	nths (exterior	5)		4 month	ns of overlap (	(ext/int)		7 mo	onths (interiors)	
						P1T1			1	P1T1b				P1T2				PI	173				P1T4					P1T4b				P1T5				P2T	1			P2	T1b				2T2				P2T3				P2T4				P2T4b				P2T5	
CadnaA	Elevation	acade Ex	xisting Exi	disting	Leq t Total Change		L10	0	Leg		L10		Leg			L10		.eq		11	0	Leq			L10		Leg		11	0	Leg			L10	L	.eq		L10		Leg		L10		Leg		L10		Leg		110	0	Leq		1	.10	Leg			10	Leg		L10
Receptor Sites	(floor) I	lumber L	Leq(1) L	L10 Cons	st Total	Change Ex	ceed? Tot	al Const	Total Ch	ange Exceed?	? Total	Const	Total Ch	hange Ei	xceed?	Total	Const 1	otal Char	ige Exce	red? Tot	tal Cons	t Total	Change	Exceed?	Total	Const	Total C	hange Exce	ed? Tot	tal Cons	t Total	Change	Exceed?	Total 0	onst To	otal Chan	ge Exceed	? Total	Const	Total Ch	inge Exceed	? Total	Const	Total Ci	ange Excee	d? Total	Const	Total C	hange Exce	eed? Tot	al Cons	Total	Change Er	xceed? T	otal Con:	t Total	Change	Exceed? 1	ital Const	t Total	Change Excr	ed? Total
083D 001.OG	1 083	) (	63.0 6	64.9																															5.5 7	5.7 12.8	8 YES	77.6	78.4	78.5 1	5.6 YES	80.4	75.9	76.1	.3.2 YES	78.0	70.4	71.1	8.2 Y	ES 73.	0 67.8	69.0	6.1	YES 7	0.9 70.7	71.4	8.4	YES	3.3 50.8	63.2	0.3	65.1
083D 002.OG	2 083		63.0 6	64.9																															0.7 8	0.8 17.8	8 YES	82.7	84.2	84.2 2	L3 YES	86.1	82.1	82.2	.9.2 YES	84.1	70.4	71.1	8.2 Y	ES 73.	0 67.7	69.0	6.0	YES 7	0.9 70.5	71.2	8.3	YES	3.1 51	63.2	0.3	65.1
083D 003.OG	3 083	) (	63.0 6	64.9																															0.4 8	0.5 17.5	YES	82.4	83.9	83.9 2	LO YES	85.8	81.8	81.9	.8.9 YES	83.8	70.2	70.9	8.0 Y	ES 72.	8 67.3	68.7	5.7	YES 7	0.6 69.8	70.6	7.7	YES	2.5 50.3	63.2	0.2	65.1
083D 004.OG	4 083	) (	63.0 6	64.9																															9.7 7	9.8 16.8	8 YES	81.7	83.3	83.3 2	0.4 YES	85.2	81.4	81.5	.8.5 YES	83.4	69.9	70.7	7.7 Y	ES 72.	6 66.8	68.3	5.3	YES 7	0.2 69	70.0	7.0	YES	1.9 49.5	63.1	0.2	65.0
083D 005.OG	5 083	) (	63.0 6	64.9																															8.6 7	8.7 15.8	8 YES	80.6	82.2	82.3 1	9.3 YES	84.2	80.4	80.5	.7.5 YES	82.4	69.6	70.5	7.5 Y	ES 72.	4 66.2	67.9	4.9	YES 6	9.8 68.3	69.4	6.5	YES	1.3 49.2	63.1	0.2	65.0
84	1	84	72.8 7	75.6 66.9	9 73.8	1.0	76.	6 67.6	73.9	1.1	76.7	67.5	73.9	1.1		76.7	71	5.0 2.1	2	77.	.8 69.6	74.5	1.7		77.3	70.5	74.8	2.0	77.	.6 66.9	73.8	1.0		76.6	3.5 7	2.9 0.1		75.7	57.5	72.9 0	.1	75.7	55.1	72.9	0.1	75.7	65.4	73.5	0.7	76.	3 61.3	73.1	0.3	7	5.9 63.6	73.3	0.5		5.1 49.9	72.8	0.0	75.6
85	1	85	74.6 7	77.4 64.5	5 75.0	0.4	77.	8 66.5	75.2 0	0.6	78.0	66	75.2	0.6		78.0	69.3	5.7 1.1	L	78.	.5 68.3	75.5	0.9		78.3	68.3	75.5	0.9	78	.3 64.9	75.0	0.4		77.8	0.2 7	4.8 0.2		77.6	65.3	75.1 (	.5	77.9	63.4	74.9	0.3	77.7	63.7	74.9	0.3	77.	7 61.4	74.8	0.2	7	7.6 63.7	74.9	0.3		7.7 58.5	74.7	0.1	77.5

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