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| **World Radiocommunication Conference (WRC-15) Geneva, 2-27 November 2015** |  |
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| **PLENARY MEETING** | **Revision 1[[1]](#footnote-1)\* to Document 4(Add.6)-E** |
| **29 September 2015** |
| **Original: English** |
| Director, Radiocommunication Bureau | |
| REPORT OF THE DIRECTOR On THE ACTIVITIES OF THE RADIOCOMMUNICATION SECTOR | |
| PART 6 | |
| IMPLEMENTATION OF RESOLUTION 547 (Rev.WRC-07) (Updating of the “Remarks” column in the Tables of  Article 11 of Appendix 30 and Article 9A of Appendix 30A) | |

1 WRC-12 updated the “Remarks” column in Table 6A of Article 11 of Appendix **30** and Tables 3A1 and 3A2 of Article 9A of Appendix **30A.** It also adopted new Tables in Article 11 of Appendix **30** and Article 9A of Appendix **30A** that specify affected or affecting networks or beams of administrations based on the results of studies by the Bureau.

2 WRC-07 and WRC-12 considered that it would be appropriate to update the Tables taking into account the changes in status of the fixed-satellite service networks and modifications to the frequency assignment characteristics in order to reduce the number of affected and affecting administrations or networks.

3 In accordance with the *resolves* of Resolution **547 (Rev.WRC-07)**, the Bureau has performed the required analyses, taking into account any changes in assignment characteristics and the suppression of other affected/affecting assignments in the application of the Radio Regulations up to 9 June 2015.

4 Since WRC-12, the following previously identified satellite networks have been suppressed:

|  |  |  |
| --- | --- | --- |
| Notifying administrations | Satellite network names | Notice ID |
| USA | INTELSAT7 174E | 90500725 93500545 |
| USA | INTELSAT8 174E | 92520092 99500206 |

5 Since 17 February 2015, the Bureau has also removed from the Space Radiocommunication Stations (SRS) database any requests for coordination of satellite networks for which the regulatory period specified under Nos. **11.44** and **11.44.1** has expired and for which the frequency assignments have partly or wholly been recorded in the Master International Frequency Register (MIFR) (see Circular Letter CR/377). As this removed information is no longer taken into account in the technical examination but only the corresponding assignments recorded in the MIFR with less aggressive characteristics (e.g. smaller bandwidth, restricted service area, lower e.i.r.p. of earth stations, etc.), the number of affected and affecting administrations or networks are significantly reduced.Analysis based on the characteristics of recorded frequency assignments in the MIFR shows that the satellite networks listed below are no longer identified as affected or affecting networks.

|  |  |  |
| --- | --- | --- |
| Notifying administrations | Satellite network names | Notice ID |
| CHN | APSTAR-4 | 94520216 |
| CHN | ASIASAT-EK1 | 92520075 |
| HOL | INTELSAT IBS 183E | 90998027 |
| HOL | INTELSAT7 319.5E | 90500763 |
| HOL | INTELSAT7 338.5E | 90500768 |
| HOL | INTELSAT8 319.5E | 92520096 |
| HOL | INTELSAT8 338.5E | 92520098 |
| HOL | NSS-18 | 100520134 |
| HOL | NSS-8 | 99520280 |
| HOL | NSS-9 | 99520281 |
| J | JCSAT-1R | 94520221 |
| J | JCSAT-3A | 94520082 |
| J | JCSAT-3B | 94520083 |
| J | N-SAT-110 | 91980036 |
| J | SJC-1 | 93520062 |
| J | SUPERBIRD-A | 90500207 |
| J | SUPERBIRD-C | 94520266 |
| KOR | KOREASAT-1 | 92520024 |
| PAK | PAKSAT-1 | 95520324 |
| THA | THAICOM-C1 | 94520251 |
| UAE | EMARSAT-1F | 96520083 |
| USA | INTELSAT7 177E | 90500726 |
| USA | INTELSAT7 325.5E | 90500764 |
| USA | INTELSAT7 340E | 94520051 |
| USA | INTELSAT7 342E | 90500769 |
| USA | INTELSAT7 359E | 90500770 |
| USA | INTELSAT8 304.5E | 97520226 |
| USA | INTELSAT8 328.5E | 94520201 |
| USA | USASAT-14K | 92520151 |
| USA | USASAT-26G | 90500365 |

6 Annexes 1 and 2 to this document shows the proposed changes to the Radio Regulations based on the Bureau’s analyses:

– Annex 1 contains an extract of Article 11 of Appendix **30** including a new Table 2 (Affected administrations and corresponding networks/beams identified based on Note 5 in Section 11.2 of Article 11 of Appendix **30**) and a new Table 3 (Affecting administrations and corresponding networks/beams identified based on Notes 6 and 7 in Section 11.2 of Article 11 of Appendix **30**) together with a list of Plan beams for which Notes 5, 6, 7 and/or 8 remain in the “Remarks” column.

– Annex 2 contains an extract of Article 9A of Appendix **30A** including a new Table 1B (Affecting administrations and corresponding networks/beams identified based on Notes 6 and 7 in Section 9A.2 of Article 9A of Appendix **30A**) together with a list of Plan beams for which the Notes 5, 6 and/or 7 remain in the “Remarks” column.

7 As mentioned in section 2.3.1.3 of Addendum 1 to Document CMR15/4, the status and characteristics of the assignments of the affected or affecting networks, beams or terrestrial stations remaining in Tables 2, 3 and 4 of Article 11 of Appendix **30** and in Tables 1A and 1B of Article 9A of Appendix **30A** will remain unchanged. The Bureau is therefore of the opinion that updating of the “Remarks” columns in the above Tables may no longer be required, and that the Conference may consider suppressing Resolution **547 (Rev.WRC-07)**.

This Report is submitted to WRC-15 for its consideration and subsequent action as deemed appropriate.

annex 1

TABLE 2   (WRC‑12)

Affected administrations and corresponding networks/beams identified based on Note 5 in § 11.2 of Article 11

| **Beam name** | **Channels** | **Ref. Table 1** | **Affected administrations\*** | **Affected networks/beams\*** |
| --- | --- | --- | --- | --- |
| ARS34000 | 40 | c | CHN, G, J, KOR, MLA, THA, UAE, USA | AM-SAT A4, ASIASAT-AKX, ASIASAT-CKX, ASIASAT-EKX, EMARSAT-1G, , JCSAT-3A, JCSAT-3B, KOREASAT-1,  MEASAT-1, MEASAT-91.5E, N-SAT-110E, N-SAT-128, SJC-1, THAICOM-A2B, THAICOM-G1K |
| BEL01800 | 26, 28, 30, 32, 34, 36, 38, 40 | c | PAK | PAKSAT-1 |
| BFA10700 | 22, 24 | c | E | HISPASAT-1, HISPASAT-2C3 KU |
|  |  |  |  |  |
|  |  |  |  |  |
| CVA08300 | 1, 3, 5, 7, 9, 11 | c | USA | INTELSAT7 359E, INTELSAT8 359E, INTELSAT10 359E |
| CYP08600 | 1, 3, 5, 7, 9, 11, 13 | c | USA | INTELSAT7 359E, INTELSAT8 359E |
| FSM00000 | 1, 3, 5, 7, 9, 11, 13 | c | USA | INTELSAT7 157E |
| GMB30200 | 1, 5, 9, 13, 17 | c | USA | USASAT-26A |
| GNB30400 | 22, 24 | c | E | HISPASAT-1, HISPASAT-2C3 KU |
| GRC10500 | 2, 4, 6, 8, 10, 12 | c | USA | INTELSAT7 359E, INTELSAT8 359E, INTELSAT10 359E |
| GUI19200 | 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 | c | USA | USASAT-26A |
| IRL21100 | 1, 3, 5, 7, 9, 11, 13, 15, 17, 19 | c | USA | USASAT-26A |
| ISL04900 | 27 | a | GUY | GUY00302 |
| ISL04900 | 29, 39 | a | JMC | JMC00005 |
| ISL04900 | 31, 33, 35, 37 | a | GUY, JMC | GUY00302, JMC00005 |
| ISL04900 | 23 | c | B, USA | B-SAT I, USASAT-14L |
|  |  |  |  |  |
| KIR\_\_100 | 1, 3, 5, 7, 9, 11, 13 | c | USA | INTELSAT7 177E, , , USASAT-14K |
| KIR\_\_100 | 17 | c | USA | USASAT-14K |
|  |  |  |  |  |
|  |  |  |  |  |
| MLI\_\_100 | 1, 3, 5, 7, 9, 11, 13 | c | USA | INTELSAT7 342E, INTELSAT8 342E, INTELSAT8 340E |
| MNG24800 | 31, 35 | c | CHN, THA | APSTAR-4, THAICOM-A2B, THAICOM-G1K |
| MOZ30700 | 2, 6, 10 | c | USA | INTELSAT7 359E, INTELSAT8 359E, INTELSAT10 359E |
| NGR11500 | 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 | c | USA | USASAT-26A |
| NOR12000 | 1, 3, 5, 7, 9, 11, 13 | c | USA | INTELSAT7 359E, INTELSAT8 359E, INTELSAT10 359E |
|  |  |  |  |  |
| POR\_\_100 | 1, 3, 5, 7, 9, 11, 13, 15, 17, 19 | c | USA | USASAT-26A |
| RUS-4 | 28, 29, 33, 37 | c | G, KOR | AM-SAT A4, KOREASAT-1, KOREASAT-2 |
| RUS-4 | 31, 35, 39 | c | G | AM-SAT A4 |
| SEN22200 | 23 | c | USA | USASAT-26A |
|  |  |  |  |  |
| SOM31200 | 26, 28, 30, 32, 34, 36, 38, 40 | c | PAK | PAKSAT-1 |
| TGO22600 | 1, 3, 5, 7, 9, 11 | c | USA | INTELSAT8 330.5E |
| TGO22600 | 13 | c | E, USA | HISPASAT-1, HISPASAT-2C3 KU, INTELSAT8 330.5E |
| TGO22600 | 15, 17, 19 | c | E | HISPASAT-1, HISPASAT-2C3 KU |
| TJK06900 | 26, 28, 30, 32, 34, 36, 38, 40 | c | PAK | PAKSAT-1 |
| TKM06800 | 26 | c | UAE | EMARSAT-1G |
| TKM06800 | 28 | c | UAE | EMARSAT-1G |
| TKM06800 | 30, 32, 34, 36, 38, 40 | c | UAE | EMARSAT-1G |
| TON21500 | 2, 6, 10, 14, 18 | c | USA | USASAT-14K |
|  |  |  |  |  |
|  |  |  |  |  |
| ZWE13500 | 1, 3, 5, 7, 9, 11, 13 | c | USA | INTELSAT7 359E, INTELSAT8 359E |
| \*  Administrations and corresponding networks/beams whose assignment(s) may receive interference from the beam shown in the left-hand column. | | | | |

TABLE 3    (WRC‑12)

Affecting administrations and corresponding networks/beams identified based on Notes 6 and 7 in § 11.2 of Article 11

| **Beam name** | **Channels** | **Note** | **Affecting administrations\*** | **Affecting networks/beams\*** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| AND34100 | 2, 6, 10, 12 | 7 | USA | USASAT-26A |
| AND34100 | 14, 16, 18, 20 | 7 | USA | USASAT-26A |
|  |  |  |  |  |
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|  |  |  |  |  |
| BFA10700 | 22, 24 | 7 | E | HISPASAT-1, HISPASAT-2C3 KU |
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|  |  |  |  |  |
|  |  |  |  |  |
| CVA08300 | 1, 3, 5, 7, 9, 11 | 7 | USA | INTELSAT7 359E |
| CYP08600 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | INTELSAT7 359E |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| DNK090XR | 29 | 6 | JMC | JMC00005 |
| DNK090XR | 33 | 6 | GUY, JMC | GUY00302, JMC00005 |
| DNK091XR | 31, 35 | 6 | GUY, JMC | GUY00302, JMC00005 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| FJI19300 | 1, 3, 5, 7, 9, 11, 13 | 7 | HOL | INTELSAT7 183E |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| GMB30200 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | USASAT-26A |
| GMB30200 | 15, 17, 19 | 7 | USA | USASAT-26A |
| GNB30400 | 22, 24 | 7 | E | HISPASAT-1, HISPASAT-2C3 KU |
| GRC10500 | 2, 4, 6, 8, 10, 12 | 7 | USA | INTELSAT7 359E |
| GUI19200 | 2, 4, 6, 8, 10, 12 | 7 | USA | USASAT-26A |
| GUI19200 | 14, 16, 18, 20 | 7 | USA | USASAT-26A |
|  |  |  |  |  |
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|  |  |  |  |  |
|  |  |  |  |  |
| IRL21100 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | USASAT-26A |
| IRL21100 | 15, 17, 19 | 7 | USA | USASAT-26A |
| ISL04900 | 27 | 6 | GUY | GUY00302 |
| ISL04900 | 29, 39 | 6 | JMC | JMC00005 |
| ISL04900 | 31, 33, 35, 37 | 6 | GUY, JMC | GUY00302, JMC00005 |
| KIR\_\_100 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | INTELSAT7 177E |
|  |  |  |  |  |
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|  |  |  |  |  |
|  |  |  |  |  |
| MNG24800 | 27 | 7 | J | SUPERBIRD-C |
| MNG24800 | 29, 31, 33, 35, 37, 39 | 7 | J, THA | THAICOM-A2B, SUPERBIRD-C |
| MOZ30700 | 2, 6, 10, 12 | 7 | USA | INTELSAT7 359E |
|  |  |  |  |  |
| MTN\_\_100 | 22, 24, 26 | 7 | USA | USASAT-26A |
|  |  |  |  |  |
| NGR11500 | 2, 4, 6, 8, 10, 12 | 7 | USA | USASAT-26A |
| NGR11500 | 14, 16, 18, 20 | 7 | USA | USASAT-26A |
| NOR12000 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | INTELSAT7 359E |
|  |  |  |  |  |
| POR\_\_100 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | USASAT-26A |
| POR\_\_100 | 15, 17, 19 | 7 | USA | USASAT-26A |
| RUS-4 | 25 | 7 | J | JCSAT-1R, SUPERBIRD-C |
|  |  |  |  |  |
| RUS-4 | 28, 29 | 7 | J, KOR | SUPERBIRD-C, KOREASAT-1, KOREASAT-2 |
| RUS-4 | 31, 33, 35, 37, 39 | 7 | J, KOR | SUPERBIRD-C, KOREASAT-1, KOREASAT-2 |
| SEN22200 | 23, 25 | 7 | USA | USASAT-26A |
|  |  |  |  |  |
| SMO05700 | 1, 3, 5, 7, 9, 11, 13 | 7 | HOL | INTELSAT7 183E |
| SMR31100 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | USASAT-26A |
| SMR31100 | 15, 17, 19 | 7 | USA | USASAT-26A |
|  |  |  |  |  |
| SRL25900 | 27 | 6 | GUY | GUY00302 |
| SRL25900 | 29, 39 | 6 | JMC | JMC00005 |
| SRL25900 | 31, 33, 35, 37 | 6 | GUY, JMC | GUY00302, JMC00005 |
|  |  |  |  |  |
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|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| TGO22600 | 13 | 7 | E | HISPASAT-2C3 KU |
| TGO22600 | 15, 17, 19 | 7 | E | HISPASAT-1, HISPASAT-2C3 KU |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| ZWE13500 | 1, 3, 5, 7, 9, 11, 13 | 7 | USA | INTELSAT7 359E |
| \* Administrations and corresponding networks/beams whose assignment(s) may cause interference to the beam shown in the left-hand column. | | | | |

TABLE 6A   (WRC‑12)

Basic characteristics of the Regions 1 and 3 Plan (sorted by administration)

| **1** | **2** | **3** | **4** | | **5** | | | **6** | **7** | **8** | | **9** | | **10** | | **11** | **12** | **13** | **14** | **15** | **16** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Admin. symbol** | **Beam identification** | **Orbital position** | **Boresight** | | **Space station antenna characteristics** | | | **Space station antenna code** | **Shaped beam** | **Space station antenna gain** | | **Earth station antenna** | | **Polarization** | | **e.i.r.p.** | **Designation  of emission** | **Identity of the  space station** | **Group code** | **Status** | **Remarks** |
| **Long.** | **Lat.** | **Ma­jor axis** | **Minor axis** | **Orien- tation** | **Co-polar** | **Cross- polar** | **Code** | **Gain** | **Type** | **Angle** |
| AFG | AFG\_\_100 | 50.00 | 65.88 | 33.86 |  |  |  | CB\_TSS\_AFGA |  | 42.71 |  | MODRES | 35.50 | CL |  | 58.4 | 27M0G7W |  |  | P |  |
| AFS | AFS02100 | 4.80 | 24.50 | –28.00 | 3.13 | 1.68 | 27.00 | R13TSS |  | 37.24 |  | MODRES | 35.50 | CL |  | 59.1 | 27M0G7W |  |  | P |  |
| AGL | AGL29500 | –24.80 | 16.06 | –12.45 | 2.42 | 1.88 | 77.88 | R13TSS |  | 37.87 |  | MODRES | 35.50 | CL |  | 59.1 | 27M0G7W |  |  | P |  |
| ALB | ALB29600 | 62.00 | 20.04 | 41.23 | 0.60 | 0.60 | 61.32 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| ALG | ALG\_\_100 | –24.80 | 1.86 | 27.60 |  |  |  | CB\_TSS\_ALGA |  | 39.59 |  | MODRES | 35.50 | CL |  | 54.5 | 27M0G7W |  |  | P |  |
| AND | AND34100 | –37.00 | 1.60 | 42.50 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 56.5 | 27M0G7W |  |  | P | 7 |
| ARM | ARM06400 | 22.80 | 44.99 | 39.95 | 0.73 | 0.60 | 148.17 | R13TSS |  | 48.02 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| ARS | ARS\_\_100 | 17.00 | 44.72 | 23.76 |  |  |  | CB\_TSS\_ARSA |  | 37.81 |  | MODRES | 35.50 | CL |  | 57.7 | 27M0G7W |  | 54 | P |  |
| ARS | ARS34000 | 17.00 | 52.30 | 24.80 | 2.68 | 0.70 | 143.00 | R13TSS |  | 41.71 |  | MODRES | 35.50 | CL |  | 59.2 | 27M0G7W |  | 54 | P | 5 |
| AUS | AUS00400 | 152.00 | 123.00 | –24.20 | 3.06 | 2.17 | 102.00 | R13TSS |  | 36.22 |  | MODRES | 35.50 | CR |  | 58.2 | 27M0G7W |  | 30 | P |  |
| AUS | AUS0040A | 152.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  | 30 | P |  |
| AUS | AUS0040B | 152.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  | 30 | P |  |
| AUS | AUS0040C | 152.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  | 30 | P |  |
| AUS | AUS00500 | 152.00 | 133.90 | –18.40 | 2.82 | 1.74 | 105.00 | R13TSS |  | 37.53 |  | MODRES | 35.50 | CL |  | 59.4 | 27M0G7W |  |  | P |  |
| AUS | AUS00600 | 152.00 | 136.60 | –30.90 | 2.41 | 1.52 | 161.00 | R13TSS |  | 38.80 |  | MODRES | 35.50 | CL |  | 58.4 | 27M0G7W |  |  | P |  |
| AUS | AUS00700 | 164.00 | 145.20 | –38.10 | 2.12 | 1.02 | 147.00 | R13TSS |  | 41.09 |  | MODRES | 35.50 | CR |  | 58.5 | 27M0G7W |  | 31 | P |  |
| AUS | AUS0070A | 164.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  | 31 | P |  |
| AUS | AUS00800 | 164.00 | 145.90 | –21.70 | 3.62 | 1.63 | 136.00 | R13TSS |  | 36.73 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P |  |
| AUS | AUS00900 | 164.00 | 147.50 | –32.10 | 2.31 | 1.43 | 187.00 | R13TSS |  | 39.25 |  | MODRES | 35.50 | CR |  | 59.3 | 27M0G7W |  | 32 | P |  |
| AUS | AUS0090A | 164.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  | 32 | P |  |
| AUS | AUS0090B | 164.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  | 32 | P |  |
| AUS | AUSA\_100 | 152.00 | 132.38 | –38.37 |  |  |  | CB\_TSS\_AUSA |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| AUS | AUSB\_100 | 164.00 | 132.38 | –38.37 |  |  |  | CB\_TSS\_AUSB |  | 48.88 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| AUT | AUT01600 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MOD13FRTSS |  | 42.19 |  | MODRES | 35.50 | CR |  | 59.1 | 27M0G7W |  |  | P |  |
| AZE | AZE06400 | 23.20 | 47.47 | 40.14 | 0.93 | 0.60 | 158.14 | R13TSS |  | 46.98 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| BDI | BDI27000 | 11.00 | 29.90 | –3.10 | 0.71 | 0.60 | 80.00 | R13TSS |  | 48.15 |  | MODRES | 35.50 | CL |  | 58.4 | 27M0G7W |  |  | P |  |
| BEL | BEL01800 | 38.20 | 5.12 | 51.96 | 1.00 | 1.00 | 24.53 | MOD13FRTSS |  | 44.45 |  | MODRES | 35.50 | CL |  | 55.5 | 27M0G7W |  |  | P | 5 |
| BEN | BEN23300 | –19.20 | 2.20 | 9.50 | 1.44 | 0.68 | 97.00 | R13TSS |  | 44.54 |  | MODRES | 35.50 | CL |  | 58.3 | 27M0G7W |  |  | P |  |
| BFA | BFA10700 | –30.00 | –1.50 | 12.20 | 1.45 | 1.14 | 29.00 | R13TSS |  | 42.26 |  | MODRES | 35.50 | CL |  | 57.0 | 27M0G7W |  |  | P | 5, 7 |
| BGD | BGD22000 | 74.00 | 90.30 | 23.60 | 1.46 | 0.84 | 135.00 | R13TSS |  | 43.56 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P |  |
| BHR | BHR25500 | 34.00 | 50.50 | 26.10 | 0.60 | 0.60 | 0.00 | MOD13FRTSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 54.5 | 27M0G7W |  |  | P |  |
| BIH | BIH14800 | 56.00 | 18.22 | 43.97 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| BLR | BLR06200 | 37.80 | 27.91 | 53.06 | 1.21 | 0.60 | 11.47 | R13TSS |  | 45.83 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| BOT | BOT29700 | –0.80 | 23.30 | –22.20 | 2.13 | 1.50 | 36.00 | R13TSS |  | 39.40 |  | MODRES | 35.50 | CL |  | 58.7 | 27M0G7W |  |  | P |  |
| BRM | BRM29800 | 104.00 | 96.97 | 18.67 | 3.33 | 1.66 | 91.58 | R13TSS |  | 37.04 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| BRU | BRU33000 | 74.00 | 114.70 | 4.40 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 57.5 | 27M0G7W |  |  | P |  |
| BTN | BTN03100 | 86.00 | 90.44 | 27.05 | 0.72 | 0.60 | 175.47 | R13TSS |  | 48.11 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| BUL | BUL02000 | –1.20 | 25.00 | 43.00 | 1.04 | 0.60 | 165.00 | R13TSS |  | 46.50 |  | MODRES | 35.50 | CL |  | 58.6 | 27M0G7W |  |  | P |  |
| CAF | CAF25800 | –13.20 | 21.00 | 6.30 | 2.25 | 1.68 | 31.00 | R13TSS |  | 38.67 |  | MODRES | 35.50 | CL |  | 59.3 | 27M0G7W |  |  | P |  |
| CBG | CBG29900 | 86.00 | 104.82 | 12.34 | 1.04 | 0.86 | 9.45 | R13TSS |  | 44.91 |  | MODRES | 35.50 | CR |  | 59.3 | 27M0G7W |  |  | P |  |
| CHN | CHN15500 | 62.00 | 88.18 | 31.20 | 3.03 | 1.24 | 163.23 | R13TSS |  | 38.69 |  | MODRES | 35.50 | CL |  | 57.9 | 27M0G7W |  |  | P |  |
| CHN | CHN15800 | 134.00 | 113.29 | 39.70 | 2.80 | 1.55 | 35.44 | R13TSS |  | 38.07 |  | MODRES | 35.50 | CR |  | 57.0 | 27M0G7W |  |  | P |  |
| CHN | CHN19000 | 122.00 | 114.17 | 23.32 | 0.91 | 0.60 | 2.88 | MOD13FRTSS |  | 47.08 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| CHN | CHN20000 | 122.00 | 113.55 | 22.20 | 0.60 | 0.60 | 0.00 | MOD13FRTSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 57.0 | 27M0G7W |  |  | P |  |
| CHN | CHNA\_100 | 62.00 | 90.56 | 39.22 |  |  |  | CB\_TSS\_CHNA |  | 40.01 |  | MODRES | 35.50 | CR |  | 58.5 | 27M0G7W |  |  | P |  |
| CHN | CHNC\_100 | 134.00 | 105.77 | 27.56 |  |  |  | CB\_TSS\_CHNC |  | 39.51 |  | MODRES | 35.50 | CL |  | 57.1 | 27M0G7W |  |  | P |  |
| CHN | CHNE\_100 | 92.20 | 114.96 | 20.16 |  |  |  | CB\_TSS\_CHNE |  | 44.74 |  | MODRES | 35.50 | CL |  | 59.4 | 27M0G7W |  |  | P |  |
| CHN | CHNF\_100 | 92.20 | 123.54 | 45.78 |  |  |  | CB\_TSS\_CHNF |  | 43.71 |  | MODRES | 35.50 | CR |  | 60.4 | 27M0G7W |  |  | P |  |
| CLN | CLN21900 | 50.00 | 80.60 | 7.70 | 1.18 | 0.60 | 106.00 | R13TSS |  | 45.95 |  | MODRES | 35.50 | CL |  | 56.7 | 27M0G7W |  |  | P |  |
| CME | CME30000 | –13.00 | 12.70 | 6.20 | 2.54 | 1.68 | 87.00 | R13TSS |  | 38.15 |  | MODRES | 35.50 | CR |  | 58.5 | 27M0G7W |  |  | P |  |
| COD | COD\_\_100 | –19.20 | 21.85 | –3.40 |  |  |  | CB\_TSS\_CODA |  | 38.36 |  | MODRES | 35.50 | CR |  | 59.7 | 27M0G7W |  |  | P |  |
| COG | COG23500 | –13.20 | 14.60 | –0.70 | 2.02 | 1.18 | 59.00 | R13TSS |  | 40.67 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P |  |
| COM | COM20700 | 29.00 | 44.10 | –12.10 | 0.76 | 0.60 | 149.00 | R13TSS |  | 47.86 |  | MODRES | 35.50 | CR |  | 58.1 | 27M0G7W |  |  | P |  |
| CPV | CPV30100 | –33.50 | –24.12 | 16.09 | 0.77 | 0.63 | 94.46 | R13TSS |  | 47.56 |  | MODRES | 35.50 | CL |  | 57.2 | 27M0G7W |  |  | P |  |
| CTI | CTI23700 | –24.80 | –5.78 | 7.19 | 1.50 | 1.26 | 111.74 | R13TSS |  | 41.67 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P |  |
| CVA | CVA08300 | –1.20 | 13.02 | 42.09 | 0.75 | 0.66 | 20.53 | R13TSS |  | 47.50 |  | MODRES | 35.50 | CR |  | 60.2 | 27M0G7W |  |  | P | 5, 7 |
| CVA | CVA08500 | –1.20 | 12.59 | 41.09 | 1.72 | 1.31 | 144.13 | MOD13FRTSS |  | 40.92 |  | MODRES | 35.50 | CR |  | 56.5 | 27M0G7W |  |  | P |  |
| CYP | CYP08600 | –1.20 | 33.45 | 35.12 | 0.60 | 0.60 | 0.00 | MOD13FRTSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 56.1 | 27M0G7W |  |  | P | 5, 7 |
| CZE | CZE14401 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P |  |
| CZE | CZE14402 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  |  | P |  |
| CZE | CZE14403 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  | 37 | P |  |
| D | D 08700 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MOD13FRTSS |  | 42.19 |  | MODRES | 35.50 | CR |  | 59.1 | 27M0G7W |  |  | P |  |
| DJI | DJI09900 | 16.80 | 42.68 | 11.68 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 57.5 | 27M0G7W |  |  | P |  |
| DNK | DNK\_\_100 | –25.20 | 2.92 | 59.62 |  |  |  | CB\_TSS\_DNKA |  | 48.88 |  | MODRES | 35.50 | CL |  | 58.3 | 27M0G7W |  |  | P |  |
| DNK | DNK090XR | –33.50 | 13.27 | 60.86 | 1.99 | 0.63 | 151.38 | MOD13FRTSS |  | 43.48 |  | MODRES | 35.50 | CR |  | 54.5 | 27M0G7W |  |  | P | 6 |
| DNK | DNK091XR | –33.50 | –15.16 | 63.67 | 1.56 | 0.60 | 170.63 | MOD13FRTSS |  | 44.73 |  | MODRES | 35.50 | CR |  | 58.6 | 27M0G7W |  |  | P | 6 |
| E | E\_\_\_\_100 | –30.00 | –9.40 | 34.15 |  |  |  | CB\_TSS\_E\_\_A |  | 44.79 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  | 01 | P |  |
| E | HISP33D1 | –30.00 | –4.00 | 39.00 |  |  |  |  | COP | 39.80 | 5.50 | MODRES | 35.50 | CL |  | 57.6 | 33M0G7W-- | HISPASAT-1 | 01 | PE |  |
| E | HISP33D2 | –30.00 | –4.00 | 39.00 |  |  |  |  | COP | 39.80 | 5.50 | MODRES | 32.50 | CL |  | 57.6 | 33M0G7W-- | HISPASAT-1 | 01 | PE |  |
| E | HISPA27D | –30.00 | –4.00 | 39.00 |  |  |  |  | COP | 39.80 | 5.50 | MODRES | 38.43 | CL |  | 57.6 | 27M0G7W-- | HISPASAT-1 | 01 | PE |  |
| E | HISPASA4 | –30.00 | –4.00 | 39.00 |  |  |  |  | COP | 39.80 | 5.50 | MODRES | 38.43 | CL |  | 57.6 | 27M0F8W | HISPASAT-1 | 01 | PE |  |
| EGY | EGY02600 | –7.00 | 29.70 | 26.80 | 2.33 | 1.72 | 136.00 | R13TSS |  | 38.42 |  | MODRES | 35.50 | CL |  | 58.1 | 27M0G7W |  | 12 | P | 8 |
| ERI | ERI09200 | 22.80 | 39.41 | 14.98 | 1.67 | 0.95 | 145.48 | R13TSS |  | 42.44 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| EST | EST06100 | 44.50 | 25.06 | 58.60 | 0.77 | 0.60 | 12.27 | R13TSS |  | 47.81 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P |  |
| ETH | ETH09200 | 36.00 | 40.29 | 8.95 | 2.87 | 2.16 | 174.06 | R13TSS |  | 36.52 |  | MODRES | 35.50 | CL |  | 58.7 | 27M0G7W |  |  | P |  |
| F | F 09300 | –7.00 | 3.52 | 45.41 | 2.22 | 1.15 | 159.34 | R13TSS |  | 40.39 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  | 21 | P | 8 |
| F | F\_\_\_\_100 | –7.00 | 50.00 | –15.65 |  |  |  | CB\_TSS\_F\_\_A |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| F | NCL10000 | 140.00 | 166.00 | –21.00 | 1.14 | 0.72 | 146.00 | R13TSS |  | 45.30 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P |  |
| F | OCE10100 | –160.00 | –145.00 | –16.30 | 4.34 | 3.54 | 4.00 | R13TSS |  | 32.58 |  | MODRES | 35.50 | CL |  | 58.5 | 27M0G7W |  |  | P |  |
| F | WAL10200 | 140.00 | –176.80 | –14.00 | 0.74 | 0.60 | 29.00 | R13TSS |  | 47.97 |  | MODRES | 35.50 | CR |  | 59.4 | 27M0G7W |  |  | P |  |
| FIN | FIN10300 | 22.80 | 22.50 | 64.50 | 1.38 | 0.76 | 171.00 | MOD13FRTSS |  | 44.24 |  | MODRES | 35.50 | CL |  | 54.5 | 27M0G7W |  | 52 | P |  |
| FIN | FIN10400 | 22.80 | 15.87 | 61.15 | 2.24 | 0.91 | 16.70 | MOD13FRTSS |  | 41.37 |  | MODRES | 35.50 | CL |  | 54.5 | 27M0G7W |  | 52 | P |  |
| FJI | FJI19300 | –178.00 | 179.62 | –17.87 | 1.16 | 0.92 | 155.22 | R13TSS |  | 44.16 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P | 7 |
| FSM | FSM00000 | 158.00 | 151.90 | 5.48 | 5.15 | 1.57 | 167.00 | R13TSS |  | 35.38 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P | 5 |
| G | G 02700 | –33.50 | –3.50 | 53.80 | 1.84 | 0.72 | 142.00 | R13TSS |  | 43.23 |  | MODRES | 35.50 | CR |  | 58.0 | 27M0G7W |  |  | P |  |
| GAB | GAB26000 | –13.20 | 11.80 | –0.60 | 1.43 | 1.12 | 64.00 | R13TSS |  | 42.40 |  | MODRES | 35.50 | CR |  | 58.3 | 27M0G7W |  |  | P |  |
| GEO | GEO06400 | 23.20 | 43.35 | 42.27 | 1.11 | 0.60 | 161.21 | R13TSS |  | 46.23 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| GHA | GHA10800 | –25.00 | –1.20 | 7.90 | 1.48 | 1.06 | 102.00 | R13TSS |  | 42.49 |  | MODRES | 35.50 | CR |  | 58.6 | 27M0G7W |  |  | P |  |
| GMB | GMB30200 | –37.20 | –15.10 | 13.40 | 0.79 | 0.60 | 4.00 | R13TSS |  | 47.69 |  | MODRES | 35.50 | CL |  | 58.3 | 27M0G7W |  |  | P | 5, 7 |
| GNB | GNB30400 | –30.00 | –15.00 | 12.00 | 0.90 | 0.60 | 172.00 | R13TSS |  | 47.12 |  | MODRES | 35.50 | CL |  | 58.1 | 27M0G7W |  |  | P | 5, 7 |
| GNE | GNE30300 | –18.80 | 10.30 | 1.50 | 0.68 | 0.60 | 10.00 | R13TSS |  | 48.34 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P |  |
| GRC | GRC10500 | –1.20 | 24.51 | 38.08 | 1.70 | 0.95 | 152.97 | MOD13FRTSS |  | 42.40 |  | MODRES | 35.50 | CL |  | 56.3 | 27M0G7W |  |  | P | 5, 7 |
| GUI | GUI19200 | –37.00 | –11.00 | 10.20 | 1.58 | 1.04 | 147.00 | R13TSS |  | 42.29 |  | MODRES | 35.50 | CR |  | 58.4 | 27M0G7W |  |  | P | 5, 7 |
| HNG | HNG10601 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CL |  | 59.3 | 27M0G7W |  |  | P |  |
| HNG | HNG10602 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 59.3 | 27M0G7W |  |  | P |  |
| HNG | HNG10603 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 59.3 | 27M0G7W |  | 37 | P |  |
| HOL | HOL21300 | 38.20 | 5.12 | 51.96 | 1.00 | 1.00 | 24.53 | MOD13FRTSS |  | 44.45 |  | MODRES | 35.50 | CL |  | 58.5 | 27M0G7W |  |  | P |  |
| HRV | HRV14801 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P |  |
| HRV | HRV14802 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  |  | P |  |
| HRV | HRV14803 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  | 37 | P |  |
| I | I 08200 | 9.00 | 12.67 | 40.74 | 1.99 | 1.35 | 144.20 | R13TSS |  | 40.14 |  | MODRES | 35.50 | CR |  | 54.5 | 27M0G7W |  |  | P | 8 |
| IND | IND03700 | 68.00 | 93.00 | 25.50 | 1.46 | 1.13 | 40.00 | R13TSS |  | 42.27 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| IND | IND04700 | 68.00 | 93.30 | 11.10 | 1.92 | 0.60 | 96.00 | R13TSS |  | 43.83 |  | MODRES | 35.50 | CR |  | 58.4 | 27M0G7W |  |  | P |  |
| IND | INDA\_100 | 55.80 | 76.16 | 14.72 |  |  |  | CB\_TSS\_INDA |  | 45.66 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  |  | P |  |
| IND | INDB\_100 | 55.80 | 83.43 | 24.22 |  |  |  | CB\_TSS\_INDB |  | 43.15 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| IND | INDD\_100 | 68.00 | 74.37 | 29.16 |  |  |  | CB\_TSS\_INDD |  | 41.80 |  | MODRES | 35.50 | CR |  | 59.3 | 27M0G7W |  |  | P |  |
| INS | INSA\_100 | 80.20 | 108.82 | –0.73 |  |  |  | CB\_TSS\_INSA |  | 38.88 |  | MODRES | 35.50 | CR |  | 59.2 | 27M0G7W |  |  | P |  |
| INS | INSB\_100 | 104.00 | 129.75 | –3.50 |  |  |  | CB\_TSS\_INSB |  | 37.53 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P |  |
| IRL | IRL21100 | –37.20 | –8.25 | 53.22 | 0.72 | 0.60 | 157.56 | R13TSS |  | 48.08 |  | MODRES | 35.50 | CL |  | 59.2 | 27M0G7W |  |  | P | 5, 7 |
| IRN | IRN10900 | 34.00 | 54.20 | 32.40 | 3.82 | 1.82 | 149.00 | R13TSS |  | 36.03 |  | MODRES | 35.50 | CL |  | 57.8 | 27M0G7W |  |  | P |  |
| IRQ | IRQ25600 | 50.00 | 43.78 | 33.28 | 1.74 | 1.23 | 156.76 | R13TSS |  | 41.14 |  | MODRES | 35.50 | CL |  | 58.3 | 27M0G7W |  |  | P |  |
| ISL | ISL04900 | –33.50 | –19.00 | 64.90 | 1.00 | 0.60 | 177.00 | R13TSS |  | 46.67 |  | MODRES | 35.50 | CL |  | 60.8 | 27M0G7W |  |  | P | 5, 6 |
| ISL | ISL05000 | –33.50 | –15.35 | 63.25 | 1.58 | 0.60 | 169.00 | R13TSS |  | 44.67 |  | MODRES | 35.50 | CR |  | 57.3 | 27M0G7W |  |  | P |  |
| ISR | ISR11000 | –4.00 | 34.95 | 31.32 | 0.73 | 0.60 | 110.02 | R13TSS |  | 48.01 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  |  | P |  |
| J | 000BS-3N | 109.85 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | R13TSS |  | 33.80 |  | MODRES | 35.50 | CR |  | [[2]](#footnote-2)\* | 27M0F8W | BS-3N | 02 | PE |  |
| J | J 10985 | 109.85 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | R13TSS |  | 33.80 |  | MODRES | 35.50 | CR |  | \* | 34M5G7W |  | 02 | P |  |
| J | J 11100 | 110.00 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | R13TSS |  | 33.80 |  | MODRES | 35.50 | CR |  | \* | 34M5G7W |  | 02 | P |  |
| J | J 1110E | 110.00 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | R13TSS |  | 33.80 |  | MODRES | 35.50 | CR |  | \* | 27M0F8W | BS-3M | 02 | PE |  |
| JOR | JOR22400 | 11.00 | 37.55 | 34.02 | 1.47 | 0.91 | 73.16 | MOD13FRTSS |  | 43.19 |  | MODRES | 35.50 | CL |  | 55.5 | 27M0G7W |  |  | P | 8 |
| KAZ | KAZ06600 | 56.40 | 65.73 | 46.40 | 4.58 | 1.76 | 177.45 | R13TSS |  | 35.38 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| KEN | KEN24900 | –0.80 | 37.95 | 0.92 | 2.13 | 1.34 | 98.35 | R13TSS |  | 39.90 |  | MODRES | 35.50 | CL |  | 58.7 | 27M0G7W |  |  | P |  |
| KGZ | KGZ07000 | 50.00 | 73.91 | 41.32 | 1.47 | 0.64 | 5.05 | R13TSS |  | 44.75 |  | MODRES | 35.50 | CR |  | 59.0 | 27M0G7W |  |  | P |  |
| KIR | KIR\_\_100 | 176.00 | –170.31 | –0.56 |  |  |  | CB\_TSS\_KIRA |  | 42.58 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P | 5, 7 |
| KOR | KO11201D | 116.00 | 127.50 | 36.00 | 1.24 | 1.02 | 168.00 | R13TSS |  | 43.40 |  | MODRES | 38.43 | CL |  | [[3]](#footnote-3)\*\* | 27M0G7W | KOREASAT-1 | 03 | PE |  |
| KOR | KOR11200 | 116.00 | 127.50 | 36.00 | 1.24 | 1.02 | 168.00 | R13TSS |  | 43.80 |  | MODRES | 35.50 | CL |  | [[4]](#footnote-4)\*\*\* | 27M0G7W |  | 03 | P |  |
| KOR | KOR11201 | 116.00 | 127.50 | 36.00 | 1.24 | 1.02 | 168.00 | R13TSS |  | 43.40 |  | MODRES | 38.43 | CL |  | \*\* | 27M0F8W | KOREASAT-1 | 03 | PE |  |
| KRE | KRE28600 | 140.00 | 128.45 | 40.32 | 1.63 | 0.68 | 18.89 | R13TSS |  | 44.00 |  | MODRES | 35.50 | CL |  | 59.0 | 27M0G7W |  |  | P |  |
| KWT | KWT11300 | 11.00 | 47.48 | 29.12 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.2 | 27M0G7W |  |  | P |  |
| LAO | LAO28400 | 122.20 | 103.71 | 18.17 | 1.87 | 1.03 | 123.99 | MOD13FRTSS |  | 41.60 |  | MODRES | 35.50 | CR |  | 58.8 | 33M0G7W |  |  | P |  |
| LBN | LBN27900 | 11.00 | 37.55 | 34.02 | 1.47 | 0.91 | 73.16 | MOD13FRTSS |  | 43.19 |  | MODRES | 35.50 | CR |  | 55.5 | 27M0G7W |  |  | P |  |
| LBR | LBR24400 | –33.50 | –9.30 | 6.60 | 1.22 | 0.70 | 133.00 | R13TSS |  | 45.13 |  | MODRES | 35.50 | CR |  | 58.2 | 27M0G7W |  |  | P |  |
| LBY | LBY\_\_100 | –24.80 | 17.62 | 26.55 |  |  |  | CB\_TSS\_LBYA |  | 40.30 |  | MODRES | 35.50 | CL |  | 58.0 | 27M0G7W |  |  | P |  |
| LIE | LIE25300 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MOD13FRTSS |  | 42.19 |  | MODRES | 35.50 | CL |  | 59.1 | 27M0G7W |  |  | P |  |
| LSO | LSO30500 | 4.80 | 27.80 | –29.80 | 0.66 | 0.60 | 36.00 | R13TSS |  | 48.47 |  | MODRES | 35.50 | CR |  | 59.2 | 27M0G7W |  |  | P |  |
| LTU | LTU06100 | 23.20 | 24.51 | 56.09 |  |  |  | CB\_TSS\_LTUA |  | 48.21 |  | MODRES | 35.50 | CL |  | 56.9 | 27M0G7W |  |  | P |  |
| LUX | LUX11400 | 28.20 | 5.21 | 49.20 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 57.9 | 27M0G7W |  | 09 | P |  |
| LVA | LVA06100 | 23.20 | 24.51 | 56.09 |  |  |  | CB\_TSS\_LVAA |  | 48.21 |  | MODRES | 35.50 | CR |  | 56.9 | 27M0G7W |  |  | P |  |
| MAU | MAU\_\_100 | 29.00 | 58.61 | –15.88 |  |  |  | CB\_TSS\_MAUA |  | 41.42 |  | MODRES | 35.50 | CL |  | 59.0 | 27M0G7W |  |  | P |  |
| MCO | MCO11600 | 34.20 | 7.93 | 43.59 | 1.28 | 0.60 | 21.73 | MOD13FRTSS |  | 45.58 |  | MODRES | 35.50 | CL |  | 58.6 | 27M0G7W |  |  | P |  |
| MDA | MDA06300 | 50.00 | 28.45 | 46.99 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| MDG | MDG23600 | 29.00 | 46.60 | –18.80 | 2.72 | 1.14 | 65.00 | R13TSS |  | 39.53 |  | MODRES | 35.50 | CL |  | 58.3 | 27M0G7W |  |  | P |  |
| MHL | MHL00000 | 146.00 | 167.64 | 9.83 | 2.07 | 0.90 | 157.42 | R13TSS |  | 41.75 |  | MODRES | 35.50 | CR |  | 59.0 | 27M0G7W |  |  | P |  |
| MKD | MKD14800 | 22.80 | 21.61 | 41.56 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| MLA | MLA\_\_100 | 91.50 | 108.05 | 4.00 |  |  |  | CB\_TSS\_MLAA |  | 43.00 |  | MODRES | 35.50 | CR |  | 58.4 | 27M0G7W |  |  | P |  |
| MLD | MLD30600 | 50.00 | 72.95 | 5.78 | 1.19 | 0.91 | 104.53 | R13TSS |  | 44.09 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P |  |
| MLI | MLI\_\_100 | –19.20 | –5.35 | 17.11 |  |  |  | CB\_TSS\_MLIB |  | 41.21 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P | 5 |
| MLT | MLT14700 | 22.80 | 14.40 | 35.90 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 56.0 | 27M0G7W |  |  | P |  |
| MNG | MNG24800 | 74.00 | 102.20 | 46.60 | 3.60 | 1.13 | 169.00 | R13TSS |  | 38.35 |  | MODRES | 35.50 | CR |  | 59.0 | 27M0G7W |  |  | P | 5, 7 |
| MOZ | MOZ30700 | –1.00 | 34.00 | –18.00 | 3.57 | 1.38 | 55.00 | R13TSS |  | 37.52 |  | MODRES | 35.50 | CL |  | 59.2 | 27M0G7W |  |  | P | 5, 7 |
| MRC | MRC20900 | –25.20 | –8.95 | 28.98 | 3.56 | 1.23 | 49.23 | R13TSS |  | 38.02 |  | MODRES | 35.50 | CR |  | 54.9 | 27M0G7W |  |  | P |  |
| MTN | MTN\_\_100 | –36.80 | –10.52 | 19.66 |  |  |  | CB\_TSS\_MTNA |  | 41.91 |  | MODRES | 35.50 | CR |  | 55.5 | 27M0G7W |  |  | P | 7 |
| MWI | MWI30800 | 4.80 | 33.79 | –13.25 | 1.56 | 0.70 | 92.69 | R13TSS |  | 44.10 |  | MODRES | 35.50 | CR |  | 59.2 | 27M0G7W |  |  | P |  |
| NGR | NGR11500 | –37.20 | 7.63 | 17.01 | 2.20 | 1.80 | 102.40 | R13TSS |  | 38.48 |  | MODRES | 35.50 | CL |  | 59.5 | 27M0G7W |  |  | P | 5, 7 |
| NIG | NIG11900 | –19.20 | 7.80 | 9.40 | 2.16 | 2.02 | 45.00 | R13TSS |  | 38.05 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| NMB | NMB02500 | –18.80 | 17.50 | –21.60 | 2.66 | 1.90 | 48.00 | R13TSS |  | 37.41 |  | MODRES | 35.50 | CL |  | 59.7 | 27M0G7W |  |  | P |  |
| NOR | NOR12000 | –0.80 | 13.42 | 62.76 | 1.43 | 0.60 | 19.61 | MOD13FRTSS |  | 45.10 |  | MODRES | 35.50 | CL |  | 56.2 | 27M0G7W |  | 06 | P | 5, 7 |
| NOR | NOR12100 | –0.80 | 18.00 | 60.23 | 1.67 | 0.83 | 23.85 | R13TSS |  | 43.02 |  | MODRES | 35.50 | CL |  | 57.8 | 27M0G7W |  | 06 | P |  |
| NPL | NPL12200 | 50.00 | 83.70 | 28.30 | 1.72 | 0.60 | 163.00 | R13TSS |  | 44.31 |  | MODRES | 35.50 | CR |  | 59.6 | 27M0G7W |  |  | P |  |
| NRU | NRU30900 | 134.00 | 167.00 | –0.50 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 57.5 | 27M0G7W |  |  | P |  |
| NZL | NZL\_\_100 | 158.00 | –170.68 | –19.72 |  |  |  | CB\_TSS\_NZLA |  | 48.88 |  | MODRES | 35.50 | CL |  | 59.6 | 27M0G7W |  |  | P |  |
| OMA | OMA12300 | 17.20 | 55.60 | 21.00 | 1.88 | 1.02 | 100.00 | R13TSS |  | 41.62 |  | MODRES | 35.50 | CR |  | 58.3 | 27M0G7W |  |  | P |  |
| PAK | PAK12700 | 38.20 | 69.60 | 29.50 | 2.30 | 2.16 | 14.00 | R13TSS |  | 37.49 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| PHL | PHL28500 | 98.00 | 121.30 | 11.10 | 3.46 | 1.76 | 99.00 | R13TSS |  | 36.60 |  | MODRES | 35.50 | CL |  | 58.7 | 27M0G7W |  |  | P |  |
| PLW | PLW00000 | 140.00 | 132.98 | 5.51 | 1.30 | 0.60 | 55.41 | R13TSS |  | 45.53 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  |  | P |  |
| PNG | PNG13100 | 134.00 | 148.07 | –6.65 | 3.13 | 2.30 | 168.32 | MOD13FRTSS |  | 35.87 |  | MODRES | 35.50 | CR |  | 54.5 | 27M0G7W |  |  | P |  |
| POL | POL13200 | 50.00 | 20.07 | 51.86 | 1.20 | 0.69 | 17.76 | R13TSS |  | 45.26 |  | MODRES | 35.50 | CL |  | 59.2 | 27M0G7W |  |  | P |  |
| POR | POR\_\_100 | –37.00 | –15.92 | 37.65 |  |  |  | CB\_TSS\_PORA |  | 47.17 |  | MODRES | 35.50 | CR |  | 58.4 | 27M0G7W |  |  | P | 5, 7 |
| PSE | YYY00000 | –13.20 | 34.99 | 31.86 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P | 3 |
| QAT | QAT24700 | 20.00 | 51.38 | 25.26 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 54.5 | 27M0G7W |  |  | P |  |
| ROU | ROU13600 | 50.00 | 25.12 | 45.75 | 1.17 | 0.73 | 9.52 | R13TSS |  | 45.15 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| RRW | RRW31000 | 11.00 | 30.00 | –2.10 | 0.66 | 0.60 | 42.00 | R13TSS |  | 48.47 |  | MODRES | 35.50 | CL |  | 59.8 | 27M0G7W |  |  | P |  |
| RUS | RSTREA11 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CL |  | 53.0 | 27M0F8W | RST-1 | 05 | PE |  |
| RUS | RSTREA12 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CR |  | 53.0 | 27M0F8W | RST-1 | 05 | PE |  |
| RUS | RSTRED11 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CL |  | 53.0 | 27M0G7W | RST-1 | 05 | PE |  |
| RUS | RSTRED12 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CR |  | 53.0 | 27M0G7W | RST-1 | 05 | PE |  |
| RUS | RSTRSD11 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CL |  | 53.0 | 27M0G7W | RST-1 | 05 | P |  |
| RUS | RSTRSD12 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CR |  | 53.0 | 27M0G7W | RST-1 | 05 | P |  |
| RUS | RSTRSD13 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 39.02 | CL |  | 53.0 | 27M0G7W | RST-1 | 05 | P |  |
| RUS | RSTRSD14 | 36.00 | 38.00 | 53.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 39.02 | CR |  | 53.0 | 27M0G7W | RST-1 | 05 | P |  |
| RUS | RSTRSD21 | 56.00 | 65.00 | 63.00 | 2.20 | 2.20 | 0.00 | R123FR |  | 37.70 |  | MODRES | 35.50 | CL |  | 55.0 | 27M0G7W | RST-2 | 14 | P |  |
| RUS | RSTRSD22 | 56.00 | 65.00 | 63.00 | 2.20 | 2.20 | 0.00 | R123FR |  | 37.70 |  | MODRES | 35.50 | CR |  | 55.0 | 27M0G7W | RST-2 | 14 | P |  |
| RUS | RSTRSD31 | 86.00 | 97.00 | 62.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CL |  | 55.0 | 27M0G7W | RST-3 | 33 | P |  |
| RUS | RSTRSD32 | 86.00 | 97.00 | 62.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CR |  | 55.0 | 27M0G7W | RST-3 | 33 | P |  |
| RUS | RSTRSD51 | 140.00 | 158.00 | 56.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CL |  | 55.0 | 27M0G7W | RST-5 | 35 | P |  |
| RUS | RSTRSD52 | 140.00 | 158.00 | 56.00 | 2.20 | 2.20 | 0.00 | R13TSS |  | 37.70 |  | MODRES | 35.50 | CR |  | 55.0 | 27M0G7W | RST-5 | 35 | P |  |
| RUS | RUS00401 | 110.00 | 128.73 | 54.30 | 4.25 | 2.02 | 156.81 | R13TSS |  | 35.11 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W | RUS-4 | 34 | P | 5, 7, 8 |
| RUS | RUS00402 | 110.00 | 128.73 | 54.30 | 4.25 | 2.02 | 156.81 | R13TSS |  | 35.11 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W | RUS-4 | 34 | P | 5, 7, 8 |
| S | S 13800 | 5.00 | 16.20 | 61.00 | 1.04 | 0.98 | 14.00 | R13TSS |  | 44.36 |  | MODRES | 35.50 | CL |  | 55.6 | 27M0G7W |  | 04 | P |  |
| S | S 13900 | 5.00 | 17.00 | 61.50 | 2.00 | 1.00 | 10.00 | R13TSS |  | 41.44 |  | MODRES | 35.50 | CL |  | 61.1 | 27M0G7W |  | 04 | P |  |
| SDN | SDN\_\_100 | –7.00 | 30.24 | 13.53 |  |  |  | CB\_TSS\_SDNA |  | 40.26 |  | MODRES | 35.50 | CR |  | 59.4 | 27M0G7W |  |  | P |  |
| SEN | SEN22200 | –37.00 | –14.40 | 13.80 | 1.46 | 1.04 | 139.00 | R13TSS |  | 42.63 |  | MODRES | 35.50 | CL |  | 58.6 | 27M0G7W |  |  | P | 5, 7 |
| SEY | SEY00000 | 42.50 | 51.86 | –7.23 | 2.43 | 1.04 | 27.51 | R13TSS |  | 40.44 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| SLM | SLM00000 | 128.00 | 159.27 | –8.40 | 1.35 | 1.08 | 118.59 | R13TSS |  | 42.81 |  | MODRES | 35.50 | CL |  | 58.9 | 27M0G7W |  |  | P |  |
| SMO | SMO05700 | –178.00 | –171.70 | –13.87 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.6 | 27M0G7W |  |  | P | 7 |
| SMR | SMR31100 | –36.80 | 12.60 | 43.70 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 57.4 | 27M0G7W |  |  | P | 7 |
| SNG | SNG15100 | 88.00 | 103.86 | 1.42 | 0.92 | 0.72 | 175.12 | R13TSS |  | 46.25 |  | MODRES | 35.50 | CL |  | 58.5 | 27M0G7W |  |  | P |  |
| SOM | SOM31200 | 37.80 | 45.16 | 7.11 | 3.31 | 1.51 | 65.48 | R13TSS |  | 37.46 |  | MODRES | 35.50 | CR |  | 57.4 | 27M0G7W |  |  | P | 5 |
| SRB | SRB14800 | –7.00 | 20.50 | 43.98 | 0.91 | 0.60 | 145.16 | R13TSS |  | 47.07 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| SRL | SRL25900 | –33.50 | –11.80 | 8.60 | 0.78 | 0.68 | 114.00 | R13TSS |  | 47.20 |  | MODRES | 35.50 | CR |  | 58.4 | 27M0G7W |  |  | P | 6 |
| STP | STP24100 | –7.00 | 6.17 | 1.45 | 0.65 | 0.60 | 153.51 | R13TSS |  | 48.56 |  | MODRES | 35.50 | CR |  | 56.4 | 27M0G7W |  |  | P |  |
| SUI | SUI14000 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MOD13FRTSS |  | 42.19 |  | MODRES | 35.50 | CL |  | 59.1 | 27M0G7W |  |  | P |  |
| SVK | SVK14401 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CL |  | 59.3 | 27M0G7W |  |  | P |  |
| SVK | SVK14402 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 59.3 | 27M0G7W |  |  | P |  |
| SVK | SVK14403 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MOD13FRTSS |  | 42.64 |  | MODRES | 35.50 | CR |  | 59.3 | 27M0G7W |  | 37 | P |  |
| SVN | SVN14800 | 33.80 | 15.01 | 46.18 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| SWZ | SWZ31300 | 4.80 | 31.39 | –26.44 | 0.60 | 0.60 | 90.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 57.9 | 27M0G7W |  |  | P |  |
| SYR | SYR22900 | 11.00 | 37.55 | 34.02 | 1.47 | 0.91 | 73.16 | MOD13FRTSS |  | 43.19 |  | MODRES | 35.50 | CL |  | 55.5 | 27M0G7W |  | 53 | P |  |
| SYR | SYR33900 | 11.00 | 37.60 | 34.20 | 1.32 | 0.88 | 74.00 | MOD13FRTSS |  | 43.80 |  | MODRES | 35.50 | CL |  | 56.4 | 27M0G7W |  | 53 | P |  |
| TCD | TCD14300 | 17.00 | 18.36 | 15.47 | 3.23 | 2.05 | 82.89 | R13TSS |  | 36.23 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| TGO | TGO22600 | –30.00 | 0.72 | 8.61 | 1.12 | 0.60 | 109.54 | R13TSS |  | 46.19 |  | MODRES | 35.50 | CR |  | 58.5 | 27M0G7W |  |  | P | 5, 7 |
| THA | THA14200 | 98.00 | 100.75 | 12.88 | 2.80 | 1.82 | 93.77 | R13TSS |  | 37.37 |  | MODRES | 35.50 | CL |  | 58.6 | 27M0G7W |  |  | P |  |
| TJK | TJK06900 | 38.00 | 71.14 | 38.41 | 1.21 | 0.73 | 155.31 | R13TSS |  | 45.00 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  |  | P | 5 |
| TKM | TKM06800 | 50.00 | 59.24 | 38.83 | 2.26 | 1.02 | 166.64 | R13TSS |  | 40.81 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P | 5 |
| TLS | TLS00000 | 128.00 | 126.03 | –8.72 | 0.66 | 0.60 | 13.92 | R13TSS |  | 48.50 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| TON | TON21500 | 170.75 | –175.23 | –18.19 | 1.59 | 0.60 | 71.33 | R13TSS |  | 44.64 |  | MODRES | 35.50 | CR |  | 58.3 | 27M0G7W |  |  | P | 5 |
| TUN | TUN15000 | –25.20 | 9.50 | 33.50 | 1.88 | 0.72 | 135.00 | MOD13FRTSS |  | 43.13 |  | MODRES | 35.50 | CR |  | 57.3 | 27M0G7W |  | 55 | P |  |
| TUN | TUN27200 | –25.20 | 2.10 | 31.75 | 3.41 | 1.81 | 179.18 | MOD13FRTSS |  | 36.54 |  | MODRES | 35.50 | CR |  | 55.5 | 27M0G7W |  | 55 | P | 4 |
| TUR | TUR14500 | 42.00 | 34.95 | 39.09 | 3.18 | 0.99 | 0.79 | R13TSS |  | 39.47 |  | MODRES | 35.50 | CL |  | 58.8 | 27M0G7W |  | 36 | P |  |
| TUV | TUV00000 | 176.00 | 177.61 | –7.11 | 0.94 | 0.60 | 137.58 | R13TSS |  | 46.93 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| TZA | TZA22500 | 11.00 | 34.60 | –6.20 | 2.41 | 1.72 | 129.00 | R13TSS |  | 38.27 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P |  |
| UAE | UAE27400 | 52.50 | 53.85 | 24.34 | 1.19 | 0.85 | 3.72 | R13TSS |  | 44.39 |  | MODRES | 35.50 | CR |  | 58.2 | 27M0G7W |  |  | P |  |
| UGA | UGA05100 | 17.00 | 32.20 | 1.04 | 1.50 | 1.02 | 68.73 | R13TSS |  | 42.62 |  | MODRES | 35.50 | CL |  | 58.2 | 27M0G7W |  |  | P |  |
| UKR | UKR06300 | 38.20 | 31.74 | 48.22 | 2.29 | 0.96 | 177.78 | R13TSS |  | 41.01 |  | MODRES | 35.50 | CR |  | 58.9 | 27M0G7W |  |  | P |  |
| USA | GUM33100 | 122.00 | 144.50 | 13.10 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 58.3 | 27M0G7W |  |  | P |  |
| USA | MRA33200 | 121.80 | 145.90 | 16.90 | 1.20 | 0.60 | 76.00 | R13TSS |  | 45.87 |  | MODRES | 35.50 | CR |  | 58.5 | 27M0G7W |  |  | P |  |
| USA | PLM33200 | 170.00 | –161.40 | 7.00 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CL |  | 57.4 | 27M0G7W |  |  | P |  |
| USA | USAA\_100 | 170.00 | –170.51 | –12.72 |  |  |  | CB\_TSS\_USAA |  | 48.88 |  | MODRES | 35.50 | CL |  | 56.1 | 27M0G7W |  |  | P |  |
| USA | WAK33400 | 140.00 | 166.50 | 19.20 | 0.60 | 0.60 | 0.00 | R13TSS |  | 48.88 |  | MODRES | 35.50 | CR |  | 58.6 | 27M0G7W |  |  | P |  |
| UZB | UZB07100 | 33.80 | 63.80 | 41.21 | 2.56 | 0.89 | 159.91 | R13TSS |  | 40.84 |  | MODRES | 35.50 | CR |  | 58.8 | 27M0G7W |  |  | P |  |
| VTN | VTN32500 | 107.00 | 106.84 | 14.21 | 3.43 | 1.76 | 109.43 | R13TSS |  | 36.65 |  | MODRES | 35.50 | CR |  | 58.4 | 27M0G7W |  |  | P |  |
| VUT | VUT12800 | 140.00 | 168.00 | –16.40 | 1.52 | 0.68 | 87.00 | R13TSS |  | 44.30 |  | MODRES | 35.50 | CL |  | 57.8 | 27M0G7W |  |  | P |  |
| YEM | YEM\_\_100 | 11.00 | 48.05 | 14.64 |  |  |  | CB\_TSS\_YEMA |  | 47.63 |  | MODRES | 35.50 | CL |  | 54.9 | 27M0G7W |  |  | P |  |
| ZMB | ZMB31400 | –0.80 | 27.50 | –13.10 | 2.38 | 1.48 | 39.00 | R13TSS |  | 38.98 |  | MODRES | 35.50 | CR |  | 58.7 | 27M0G7W |  |  | P |  |
| ZWE | ZWE13500 | –0.80 | 29.60 | –18.80 | 1.46 | 1.36 | 37.00 | R13TSS |  | 41.47 |  | MODRES | 35.50 | CR |  | 59.2 | 27M0G7W |  |  | P | 5, 7 |
|  | | | | | | | | | | | | | | | | | | | | | |

ANNEX 2

TABLE 1B     (WRC‑07)

Affecting administrations and corresponding networks/beams identified based on Notes 6 and 7 in § 9A.2 of Article 9A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Beam name | Channels | Note | Affecting administrations\* | Affecting networks/beams\* |
| CPV30100 | 2, 4, 8, 10, 12 | 6 | GUY JMC | GUY00302, JMC00005 |
| CPV30100 | 6 | 6 | JMC | JMC00005 |
| E\_\_\_\_100 | 1, 3, 5, 7, 9, 11, 13 | 6 | G | BERBER02 |
| G 02700 | 2, 4, 8, 10, 12 | 6 | GUY JMC | GUY00302, JMC00005 |
| G 02700 | 6 | 6 | JMC | JMC00005 |
| LBR24400 | 1 | 6 | GUY | GUY00302 |
| LBR24400 | 3, 9, 13 | 6 | JMC | JMC00005 |
| LBR24400 | 5, 7, 11 | 6 | GUY JMC | GUY00302, JMC00005 |
|  |  |  |  |  |
| \*Administrations and corresponding networks or beams whose assignment(s) may cause interference to the beam shown in the left-hand column. | | | | |

TABLE 3A2    (WRC‑12)

Basic characteristics of the Regions 1 and 3 feeder-link Plan in the frequency band 17.3-18.1 GHz (sorted by administration)

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 | **8** | | **9** | | **10** | | **11** | **12** | **13** | **14** | **15** | **16** | **17** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Admin. symbol** | **Beam identification** | **Orbital position** | **Boresight** | | **Space station antenna characteristics** | | | **Space station antenna code** | **Shaped beam** | **Space station antenna gain** | | **Earth station antenna** | | **Polarization** | | **e.i.r.p.** | **Power control** | **Designation of emission** | **Identity of the space station** | **Group code** | **Status** | **Remarks** |
| **Long.** | **Lat.** | **Major  axis** | **Minor axis** | **Orien- tation** | **Co-polar** | **Cross-polar** | **Code** | **Gain** | **Type** | **Angle** |
| AFG | AFG24501 | 50.00 | 67.00 | 34.30 | 1.89 | 1.19 | 18.00 | MODRSS |  | 40.93 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 7I | P |  |
| AFG | AFG24502 | 50.00 | 67.00 | 34.30 | 1.89 | 1.19 | 18.00 | MODRSS |  | 40.93 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 7I | P |  |
| AGL | AGL29500 | –24.80 | 16.43 | –12.37 | 2.66 | 1.75 | 77.43 | MODRSS |  | 37.77 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| ALB | ALB29600 | 62.00 | 19.50 | 41.37 | 0.60 | 0.60 | 69.35 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 82.6 |  | 27M0G7W |  |  | P |  |
| ALG | ALG25152 | –24.80 | 1.50 | 27.60 | 3.65 | 2.94 | 135.00 | MODRSS |  | 34.14 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| AND | AND34100 | –37.00 | 1.60 | 42.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 83.0 |  | 27M0G7W |  |  | P |  |
| ARM | ARM06400 | 22.80 | 44.99 | 39.95 | 0.73 | 0.60 | 148.17 | MODRSS |  | 48.02 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| ARS | ARS00375 | 17.00 | 44.60 | 23.40 | 4.21 | 2.48 | 145.00 | MODRSS |  | 34.26 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 54 | P |  |
| ARS | ARS34000 | 17.00 | 44.60 | 23.40 | 4.21 | 2.48 | 145.00 | MODRSS |  | 34.28 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 54 | P |  |
| AUS | AUS00400 | 152.00 | 135.00 | –24.20 | 7.19 | 5.20 | 140.00 | MODRSS |  | 28.71 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS00401 | 152.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS00402 | 152.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS00403 | 152.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS00404 | 152.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS00405 | 152.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS00406 | 152.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS0040A | 152.00 | 135.36 | –23.95 | 6.89 | 4.83 | 141.15 | R123FR |  | 29.23 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 30 | P |  |
| AUS | AUS00500 | 152.00 | 135.00 | –24.20 | 7.19 | 5.20 | 140.00 | MODRSS |  | 28.71 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 41 | P |  |
| AUS | AUS00501 | 152.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 41 | P |  |
| AUS | AUS00502 | 152.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 41 | P |  |
| AUS | AUS00503 | 152.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 41 | P |  |
| AUS | AUS00504 | 152.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 41 | P |  |
| AUS | AUS00505 | 152.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 41 | P |  |
| AUS | AUS00506 | 152.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 41 | P |  |
| AUS | AUS00600 | 152.00 | 135.50 | –24.20 | 7.19 | 5.20 | 140.00 | MODRSS |  | 28.71 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 42 | P |  |
| AUS | AUS00601 | 152.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 42 | P |  |
| AUS | AUS00602 | 152.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 42 | P |  |
| AUS | AUS00603 | 152.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 42 | P |  |
| AUS | AUS00604 | 152.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 42 | P |  |
| AUS | AUS00605 | 152.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 42 | P |  |
| AUS | AUS00606 | 152.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 42 | P |  |
| AUS | AUS00700 | 164.00 | 136.00 | –23.90 | 7.26 | 4.48 | 132.00 | MODRSS |  | 29.32 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS00701 | 164.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS00702 | 164.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS00703 | 164.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS00704 | 164.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS00705 | 164.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS00706 | 164.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS0070A | 164.00 | 136.62 | –24.16 | 6.82 | 4.20 | 134.19 | R123FR |  | 29.87 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 31 | P |  |
| AUS | AUS00800 | 164.00 | 136.00 | –23.90 | 7.26 | 4.48 | 132.00 | MODRSS |  | 29.32 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 44 | P |  |
| AUS | AUS00801 | 164.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 44 | P |  |
| AUS | AUS00802 | 164.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 44 | P |  |
| AUS | AUS00803 | 164.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 44 | P |  |
| AUS | AUS00804 | 164.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 44 | P |  |
| AUS | AUS00805 | 164.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 44 | P |  |
| AUS | AUS00806 | 164.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 44 | P |  |
| AUS | AUS00900 | 164.00 | 136.00 | –23.90 | 7.26 | 4.48 | 132.00 | MODRSS |  | 29.32 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUS00901 | 164.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUS00902 | 164.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUS00903 | 164.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUS00904 | 164.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUS00905 | 164.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUS00906 | 164.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUS0090A | 164.00 | 136.62 | –24.16 | 6.82 | 4.20 | 134.19 | R123FR |  | 29.87 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 32 | P |  |
| AUS | AUSA0000 | 152.00 | 135.36 | –23.95 | 6.89 | 4.83 | 141.15 | R123FR |  | 29.23 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 40 | P |  |
| AUS | AUSA0001 | 152.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 40 | P |  |
| AUS | AUSA0002 | 152.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 40 | P |  |
| AUS | AUSA0003 | 152.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 40 | P |  |
| AUS | AUSA0004 | 152.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 40 | P |  |
| AUS | AUSA0005 | 152.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 40 | P |  |
| AUS | AUSA0006 | 152.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 40 | P |  |
| AUS | AUSB0000 | 164.00 | 136.62 | –24.16 | 6.82 | 4.20 | 134.19 | R123FR |  | 29.87 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 43 | P |  |
| AUS | AUSB0001 | 164.00 | 96.83 | –12.19 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 43 | P |  |
| AUS | AUSB0002 | 164.00 | 105.69 | –10.45 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 43 | P |  |
| AUS | AUSB0003 | 164.00 | 110.52 | –66.28 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 43 | P |  |
| AUS | AUSB0004 | 164.00 | 158.94 | –54.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 43 | P |  |
| AUS | AUSB0005 | 164.00 | 159.06 | –31.52 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 43 | P |  |
| AUS | AUSB0006 | 164.00 | 167.93 | –29.02 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 43 | P |  |
| AUT | AUT01600 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MODRSS |  | 42.19 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| AZE | AZE06400 | 23.20 | 47.47 | 40.14 | 0.93 | 0.60 | 158.14 | MODRSS |  | 46.98 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BDI | BDI27000 | 11.00 | 29.90 | –3.10 | 0.71 | 0.60 | 80.00 | MODRSS |  | 48.15 |  | MODTES | 57.00 | CL |  | 81.0 |  | 27M0G7W |  |  | P |  |
| BEL | BEL01800 | 38.20 | 5.12 | 51.96 | 1.00 | 1.00 | 0.00 | MODRSS |  | 44.44 |  | MODTES | 57.00 | CR |  | 85.5 |  | 27M0G7W |  |  | P |  |
| BEN | BEN23300 | –19.20 | 2.20 | 9.50 | 1.44 | 0.68 | 97.00 | MODRSS |  | 44.54 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BFA | BFA10700 | –30.00 | –1.50 | 12.20 | 1.45 | 1.14 | 29.00 | MODRSS |  | 42.26 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BGD | BGD22000 | 74.00 | 90.30 | 23.60 | 1.46 | 0.84 | 135.00 | MODRSS |  | 43.56 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BHR | BHR25500 | 34.00 | 50.50 | 26.10 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 83.0 |  | 27M0G7W |  |  | P |  |
| BIH | BIH14800 | 56.00 | 18.22 | 43.97 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BLR | BLR06200 | 37.80 | 28.04 | 53.18 | 1.17 | 0.60 | 9.68 | MODRSS |  | 45.96 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BOT | BOT29700 | –0.80 | 23.30 | –22.20 | 2.13 | 1.50 | 36.00 | MODRSS |  | 39.40 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BRM | BRM29800 | 104.00 | 96.97 | 18.68 | 3.33 | 1.66 | 91.63 | MODRSS |  | 37.02 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BRU | BRU3300A | 74.00 | 114.70 | 4.40 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BTN | BTN03100 | 86.00 | 90.44 | 27.05 | 0.72 | 0.60 | 175.47 | MODRSS |  | 48.11 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| BUL | BUL02000 | –1.20 | 25.00 | 43.00 | 1.04 | 0.60 | 165.00 | MODRSS |  | 46.50 |  | MODTES | 57.00 | CL |  | 83.0 |  | 27M0G7W |  |  | P |  |
| CAF | CAF25800 | –13.20 | 21.00 | 6.30 | 2.25 | 1.68 | 31.00 | MODRSS |  | 38.67 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CBG | CBG29900 | 86.00 | 104.89 | 12.79 | 1.12 | 0.94 | 32.89 | MODRSS |  | 44.22 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CHN | CHN15400 | 62.00 | 101.90 | 33.50 | 5.10 | 2.80 | 143.00 | MODRSS |  | 32.90 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 45 | P |  |
| CHN | CHN15500 | 62.00 | 101.90 | 33.50 | 5.10 | 2.80 | 143.00 | MODRSS |  | 32.90 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 45 | P |  |
| CHN | CHN15800 | 134.00 | 113.21 | 34.27 | 6.40 | 3.16 | 10.74 | MODRSS |  | 31.39 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 46 | P |  |
| CHN | CHN15900 | 134.00 | 113.21 | 34.27 | 6.40 | 3.16 | 10.74 | MODRSS |  | 31.39 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 46 | P |  |
| CHN | CHN16000 | 92.20 | 108.10 | 33.70 | 5.00 | 4.00 | 148.00 | MODRSS |  | 31.44 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 47 | P |  |
| CHN | CHN16100 | 92.20 | 108.10 | 33.70 | 5.00 | 4.00 | 148.00 | MODRSS |  | 31.44 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 47 | P |  |
| CHN | CHN20000 | 122.00 | 113.55 | 22.20 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CLN | CLN21900 | 50.00 | 80.60 | 7.70 | 1.18 | 0.60 | 106.00 | MODRSS |  | 45.95 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| COD | COD\_\_100 | –19.20 | 21.85 | –3.40 |  |  |  | CB\_RSS\_CODA |  | 38.36 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| COG | COG23500 | –13.20 | 14.60 | –0.70 | 2.02 | 1.18 | 59.00 | MODRSS |  | 40.67 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| COM | COM20700 | 29.00 | 44.10 | –12.10 | 0.76 | 0.60 | 149.00 | MODRSS |  | 47.86 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CPV | CPV30100 | –33.50 | –24.12 | 16.09 | 0.77 | 0.63 | 94.46 | MODRSS |  | 47.56 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P | 5, 6 |
| CTI | CTI23700 | –24.80 | –5.66 | 7.39 | 1.45 | 1.29 | 126.59 | MODRSS |  | 41.73 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CVA | CVA08300 | –1.20 | 13.02 | 42.09 | 0.75 | 0.66 | 20.53 | MODRSS |  | 47.48 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CVA | CVA08500 | –1.20 | 13.02 | 42.09 | 0.75 | 0.66 | 20.53 | MODRSS |  | 47.48 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CYP | CYP08600 | –1.20 | 33.45 | 35.12 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CZE | CZE14401 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CZE | CZE14402 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| CZE | CZE14403 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 37 | P |  |
| D | D 08700 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MODRSS |  | 42.19 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| DJI | DJI09900 | 16.80 | 42.68 | 11.68 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| DNK | DNK\_\_100 | –25.20 | 5.28 | 61.83 |  |  |  | CB\_RSS\_DNKA |  | 48.88 |  | MODTES | 57.00 | CL |  | 79.5 |  | 27M0G7W |  |  | P |  |
| DNK | DNK09000 | –33.50 | 14.34 | 61.72 | 1.83 | 0.60 | 151.50 | MODRSS |  | 44.05 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| DNK | DNK09100 | –33.50 | –14.94 | 63.79 | 1.52 | 0.60 | 168.57 | MODRSS |  | 44.86 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| E | E\_\_\_\_100 | –30.00 | –9.40 | 34.15 |  |  |  | CB\_RSS\_E\_\_A |  | 44.79 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 01 | P | 6 |
| E | HISP27D4 | –30.00 | –3.10 | 39.90 |  |  |  |  | ECO | 43.00 | 18.70 | R13TES | 55.00 | CR |  | 82.5 |  | 27M0G7W-- | HISPASAT-1 | 01 | PE |  |
| E | HISP27D6 | –30.00 | –3.10 | 39.90 |  |  |  |  | ECO | 43.00 | 18.70 | R13TES | 58.50 | CR |  | 83.5 |  | 27M0G7W-- | HISPASAT-1 | 01 | PE |  |
| E | HISP33D4 | –30.00 | –3.10 | 39.90 |  |  |  |  | ECO | 43.00 | 18.70 | MODTES | 55.00 | CR |  | 82.5 |  | 33M0G7W-- | HISPASAT-1 | 01 | PE |  |
| E | HISP33D6 | –30.00 | –3.10 | 39.90 |  |  |  |  | ECO | 43.00 | 18.70 | MODTES | 58.50 | CR |  | 83.5 |  | 33M0G7W-- | HISPASAT-1 | 01 | PE |  |
| E | HISPASA4 | –30.00 | –3.10 | 39.90 |  |  |  |  | ECO | 43.00 | 18.70 | R13TES | 55.00 | CR |  | 82.5 |  | 27M0F8W | HISPASAT-1 | 01 | PE |  |
| E | HISPASA6 | –30.00 | –3.10 | 39.90 |  |  |  |  | ECO | 43.00 | 18.70 | R13TES | 58.50 | CR |  | 83.5 |  | 27M0F8W | HISPASAT-1 | 01 | PE |  |
| EGY | EGY02600 | –7.00 | 29.70 | 26.80 | 2.33 | 1.72 | 136.00 | MODRSS |  | 38.42 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 12 | P |  |
| ERI | ERI09200 | 22.80 | 39.41 | 14.98 | 1.67 | 0.95 | 145.49 | MODRSS |  | 42.44 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| EST | EST06100 | 44.50 | 25.40 | 59.18 | 0.67 | 0.60 | 5.99 | MODRSS |  | 48.42 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| F | F 09300 | –7.00 | 3.30 | 45.37 | 2.18 | 1.20 | 156.36 | MODRSS |  | 40.27 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 21 | P |  |
| F | F\_\_\_\_100 | –7.00 | 29.16 | 13.43 |  |  |  | CB\_RSS\_F\_\_A |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 12 | P |  |
| F | F\_\_\_\_200 | 140.00 | 174.50 | –17.30 |  |  |  | CB\_RSS\_F\_\_B |  | 45.80 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 7F | P |  |
| F | F\_\_\_\_300 | 140.00 | 174.65 | –17.65 |  |  |  | CB\_RSS\_F\_\_C |  | 47.97 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 7F | P |  |
| F | OCE10100 | –160.00 | –145.00 | –16.30 | 4.34 | 3.54 | 4.00 | MODRSS |  | 32.58 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| FIN | FIN10300 | 22.80 | 17.61 | 61.54 | 2.18 | 0.90 | 11.59 | MODRSS |  | 41.53 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 52 | P |  |
| FIN | FIN10400 | 22.80 | 17.61 | 61.54 | 2.18 | 0.90 | 11.59 | MODRSS |  | 41.53 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 52 | P |  |
| FJI | FJI19300 | –178.00 | 179.62 | –17.87 | 1.16 | 0.92 | 155.22 | MODRSS |  | 44.16 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| FSM | FSM00000 | 158.00 | 151.90 | 5.48 | 5.15 | 1.57 | 167.00 | MODRSS |  | 35.38 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| G | G 02700 | –33.50 | –3.50 | 53.80 | 1.84 | 0.72 | 142.00 | MODRSS |  | 43.23 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P | 5, 6 |
| GAB | GAB26000 | –13.20 | 11.80 | –0.60 | 1.43 | 1.12 | 64.00 | MODRSS |  | 42.40 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| GEO | GEO06400 | 23.20 | 43.35 | 42.27 | 1.11 | 0.60 | 161.21 | MODRSS |  | 46.23 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| GMB | GMB30200 | –37.20 | –15.10 | 13.40 | 0.79 | 0.60 | 4.00 | MODRSS |  | 47.69 |  | MODTES | 57.00 | CL |  | 83.0 |  | 27M0G7W |  |  | P |  |
| GNB | GNB30400 | –30.00 | –15.00 | 12.00 | 0.90 | 0.60 | 172.00 | MODRSS |  | 47.12 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| GNE | GNE30300 | –18.80 | 10.30 | 1.50 | 0.68 | 0.60 | 10.00 | MODRSS |  | 48.34 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| GRC | GRC10500 | –1.20 | 24.52 | 38.11 | 1.70 | 0.95 | 152.55 | MODRSS |  | 42.37 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| GUI | GUI19200 | –37.00 | –11.00 | 10.20 | 1.58 | 1.04 | 147.00 | MODRSS |  | 42.29 |  | MODTES | 57.00 | CR |  | 85.0 |  | 27M0G7W |  |  | P |  |
| HNG | HNG10601 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| HNG | HNG10602 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| HNG | HNG10603 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 37 | P |  |
| HOL | HOL21300 | 38.20 | 5.12 | 51.96 | 1.00 | 1.00 | 0.00 | MODRSS |  | 44.44 |  | MODTES | 57.00 | CL |  | 85.5 |  | 27M0G7W |  |  | P |  |
| HRV | HRV14801 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| HRV | HRV14802 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| HRV | HRV14803 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 37 | P |  |
| I | I 08200 | 9.00 | 12.67 | 40.74 | 1.99 | 1.35 | 144.20 | MODRSS |  | 40.14 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| IND | IND03700 | 68.00 | 93.00 | 25.50 | 1.46 | 1.13 | 40.00 | MODRSS |  | 42.27 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| IND | IND04701 | 68.00 | 93.30 | 11.10 | 1.92 | 0.60 | 96.00 | MODRSS |  | 43.83 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 7E | P |  |
| IND | IND04702 | 68.00 | 93.30 | 11.10 | 1.92 | 0.60 | 96.00 | MODRSS |  | 43.83 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 7E | P |  |
| IND | INDA\_101 | 55.80 | 76.16 | 14.72 |  |  |  | CB\_RSS\_INDA |  | 45.66 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 7G | P |  |
| IND | INDA\_102 | 55.80 | 76.16 | 14.72 |  |  |  | CB\_RSS\_INDA |  | 45.66 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 7G | P |  |
| IND | INDB\_101 | 55.80 | 83.67 | 23.73 |  |  |  | CB\_RSS\_INDB |  | 43.13 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 7H | P |  |
| IND | INDB\_102 | 55.80 | 83.67 | 23.73 |  |  |  | CB\_RSS\_INDB |  | 43.13 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 7H | P |  |
| IND | INDD\_100 | 68.00 | 74.37 | 29.16 |  |  |  | CB\_RSS\_INDD |  | 41.79 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| INS | INS02800 | 80.20 | 113.60 | –1.40 | 6.73 | 3.33 | 160.00 | MODRSS |  | 30.94 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| INS | INS03501 | 104.00 | 115.20 | –1.70 | 9.14 | 3.43 | 170.00 | MODRSS |  | 29.48 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 7D | P |  |
| INS | INS03502 | 104.00 | 115.20 | –1.70 | 9.14 | 3.43 | 170.00 | MODRSS |  | 29.48 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 7D | P |  |
| IRL | IRL21100 | –37.20 | –8.25 | 53.22 | 0.72 | 0.60 | 157.56 | MODRSS |  | 48.08 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| IRN | IRN10900 | 34.00 | 54.20 | 32.40 | 3.82 | 1.82 | 149.00 | MODRSS |  | 36.03 |  | MODTES | 57.00 | CL |  | 83.0 |  | 27M0G7W |  |  | P |  |
| ISL | ISL04900 | –33.50 | –19.00 | 64.90 | 1.00 | 0.60 | 177.00 | MODRSS |  | 46.67 |  | MODTES | 57.00 | CL |  | 83.0 |  | 27M0G7W |  |  | P |  |
| ISL | ISL05000 | –33.50 | –14.94 | 63.79 | 1.52 | 0.60 | 168.57 | MODRSS |  | 44.86 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| ISR | ISR11000 | –4.00 | 34.95 | 31.32 | 0.73 | 0.60 | 110.02 | MODRSS |  | 48.03 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| J | 000BS–3N | 109.85 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | MODRSS |  | 33.80 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0F8W | BS-3N | 02 | PE |  |
| J | J 10985 | 109.85 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | MODRSS |  | 33.80 |  | MODTES | 57.00 | CR |  | 87.0 |  | 34M5G7W |  | 02 | P |  |
| J | J 11100 | 110.00 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | MODRSS |  | 33.80 |  | MODTES | 57.00 | CR |  | 87.0 |  | 34M5G7W |  | 02 | P |  |
| J | J 1110E | 110.00 | 134.50 | 31.50 | 3.52 | 3.30 | 68.00 | MODRSS |  | 33.80 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0F8W | BS-3M | 02 | PE |  |
| JOR | JOR22400 | 11.00 | 37.55 | 34.02 | 1.47 | 0.91 | 73.16 | MODRSS |  | 43.19 |  | MODTES | 57.00 | CL |  | 85.0 |  | 27M0G7W |  |  | P |  |
| KAZ | KAZ06600 | 56.40 | 65.73 | 46.40 | 4.58 | 1.76 | 177.45 | MODRSS |  | 35.38 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| KEN | KEN24900 | –0.80 | 37.99 | 0.88 | 2.06 | 1.30 | 99.68 | MODRSS |  | 40.17 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| KGZ | KGZ07000 | 50.00 | 73.91 | 41.32 | 1.47 | 0.64 | 5.05 | MODRSS |  | 44.75 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| KIR | KIR\_\_100 | 176.00 | –170.31 | –0.56 |  |  |  | CB\_RSS\_KIRA |  | 42.60 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| KOR | KOR11201 | 116.00 | 127.50 | 36.00 | 1.24 | 1.02 | 168.00 | MODRSS |  | 43.43 |  | MODTES | 57.00 | CL |  | 89.0 |  | 27M0G7W |  | 03 | P |  |
| KOR | KOR11202 | 116.00 | 127.50 | 36.00 | 1.24 | 1.02 | 168.00 | MODRSS |  | 43.43 |  | MODTES | 57.00 | CR |  | 89.0 |  | 27M0G7W |  | 03 | P |  |
| KRE | KRE28600 | 140.00 | 128.45 | 40.32 | 1.63 | 0.68 | 18.89 | MODRSS |  | 44.00 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  |  | P |  |
| KWT | KWT11300 | 11.00 | 47.48 | 29.12 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 83.0 |  | 27M0G7W |  |  | P |  |
| LAO | LAO28400 | 122.20 | 103.71 | 18.17 | 1.87 | 1.03 | 123.99 | MODRSS |  | 42.18 |  | MODTES | 57.00 | CR |  | 84.0 |  | 33M0G7W |  |  | P |  |
| LBN | LBN27900 | 11.00 | 37.55 | 34.02 | 1.47 | 0.91 | 73.16 | MODRSS |  | 43.19 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| LBR | LBR24400 | –33.50 | –9.30 | 6.60 | 1.22 | 0.70 | 133.00 | MODRSS |  | 45.13 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P | 5, 6 |
| LBY | LBY28021 | –24.80 | 17.50 | 26.30 | 3.68 | 1.84 | 130.00 | MODRSS |  | 36.14 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| LIE | LIE25300 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MODRSS |  | 42.19 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| LSO | LSO30500 | 4.80 | 27.80 | –29.80 | 0.66 | 0.60 | 36.00 | MODRSS |  | 48.47 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| LTU | LTU06100 | 23.20 | 24.52 | 56.11 |  |  |  | CB\_RSS\_LTUA |  | 47.92 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| LUX | LUX11400 | 28.20 | 5.21 | 49.20 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 09 | P |  |
| LVA | LVA06100 | 23.20 | 24.52 | 56.11 |  |  |  | CB\_RSS\_LVAA |  | 47.92 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MAU | MAU\_\_100 | 29.00 | 58.61 | –15.88 |  |  |  | CB\_RSS\_MAUA |  | 41.42 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MCO | MCO11600 | 34.20 | 7.40 | 43.70 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 81.0 |  | 27M0G7W |  |  | P |  |
| MDA | MDA06300 | 50.00 | 28.45 | 46.99 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MDG | MDG23600 | 29.00 | 46.20 | –18.60 | 2.57 | 0.80 | 67.00 | MODRSS |  | 41.32 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MHL | MHL00000 | 146.00 | 167.64 | 9.83 | 2.07 | 0.90 | 157.42 | MODRSS |  | 41.75 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MKD | MKD14800 | 22.80 | 21.53 | 41.50 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MLA | MLA\_\_100 | 91.50 | 108.07 | 3.92 |  |  |  | CB\_RSS\_MLAA |  | 41.75 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MLD | MLD30600 | 50.00 | 73.10 | 6.00 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MLI | MLI\_\_100 | –19.20 | –4.80 | 16.10 |  |  |  | CB\_RSS\_MLIA |  | 41.11 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  |  | P |  |
| MLT | MLT14700 | 22.80 | 14.40 | 35.90 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| MNG | MNG24800 | 74.00 | 101.95 | 46.79 | 3.32 | 1.04 | 169.27 | MODRSS |  | 39.07 |  | MODTES | 59.92 | CL |  | 86.9 |  | 27M0G7W |  |  | P |  |
| MRC | MRC20900 | –25.20 | –8.90 | 28.90 | 3.96 | 1.55 | 50.00 | MODRSS |  | 36.57 |  | MODTES | 57.00 | CR |  | 80.0 |  | 27M0G7W |  |  | P |  |
| MTN | MTN\_\_100 | –36.80 | –11.24 | 20.91 |  |  |  | CB\_RSS\_MTNA |  | 37.55 |  | MODTES | 57.00 | CR |  | 86.0 |  | 27M0G7W |  |  | P |  |
| MWI | MWI30800 | 4.80 | 33.79 | –13.25 | 1.56 | 0.70 | 92.69 | MODRSS |  | 44.10 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| NGR | NGR11500 | –37.20 | 7.63 | 16.97 | 2.20 | 1.80 | 100.58 | MODRSS |  | 38.47 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| NOR | NOR12000 | –0.80 | 16.70 | 61.58 | 1.84 | 0.95 | 177.31 | MODRSS |  | 42.02 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 06 | P |  |
| NOR | NOR12100 | –0.80 | 16.70 | 61.58 | 1.84 | 0.95 | 177.31 | MODRSS |  | 42.02 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 06 | P |  |
| NRU | NRU30900 | 134.00 | 167.00 | –0.50 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| NZL | NZL\_\_100 | 158.00 | –174.35 | –24.30 |  |  |  | CB\_RSS\_NZLA |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| OMA | OMA12300 | 17.20 | 55.60 | 21.00 | 1.88 | 1.02 | 100.00 | MODRSS |  | 41.62 |  | MODTES | 57.00 | CL |  | 85.0 |  | 27M0G7W |  |  | P |  |
| PHL | PHL28500 | 98.00 | 121.30 | 11.10 | 3.46 | 1.76 | 99.00 | MODRSS |  | 36.60 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| PLW | PLW00000 | 140.00 | 132.98 | 5.51 | 1.30 | 0.60 | 55.41 | MODRSS |  | 45.53 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| POL | POL13200 | 50.00 | 19.71 | 52.18 | 1.22 | 0.63 | 16.12 | MODRSS |  | 45.59 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| POR | POR\_\_100 | –37.00 | –15.92 | 37.65 |  |  |  | CB\_RSS\_PORA |  | 47.17 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| PSE | YYY00001 | –13.20 | 34.99 | 31.86 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 80.5 |  | 27M0G7W |  |  | P | 8 |
| QAT | QAT24700 | 20.00 | 51.59 | 25.35 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| ROU | ROU13600 | 50.00 | 25.12 | 45.75 | 1.17 | 0.73 | 9.52 | MODRSS |  | 45.15 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| RRW | RRW31000 | 11.00 | 30.00 | –2.10 | 0.66 | 0.60 | 42.00 | MODRSS |  | 48.47 |  | MODTES | 57.00 | CR |  | 81.0 |  | 27M0G7W |  |  | P |  |
| RUS | RSTREA11 | 36.00 | 38.00 | 53.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CR |  | 84.0 |  | 27M0F8W | RST-1 | 05 | PE |  |
| RUS | RSTREA12 | 36.00 | 38.00 | 53.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CL |  | 84.0 |  | 27M0F8W | RST-1 | 05 | PE |  |
| RUS | RSTRED11 | 36.00 | 38.00 | 53.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W | RST-1 | 05 | PE |  |
| RUS | RSTRED12 | 36.00 | 38.00 | 53.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W | RST-1 | 05 | PE |  |
| RUS | RSTRSD11 | 36.00 | 38.00 | 53.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W | RST-1 | 05 | P |  |
| RUS | RSTRSD12 | 36.00 | 38.00 | 53.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W | RST-1 | 05 | P |  |
| RUS | RSTRSD21 | 56.00 | 65.00 | 63.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W | RST-2 | 14 | P |  |
| RUS | RSTRSD22 | 56.00 | 65.00 | 63.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W | RST-2 | 14 | P |  |
| RUS | RSTRSD31 | 86.00 | 97.00 | 62.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W | RST-3 | 33 | P |  |
| RUS | RSTRSD32 | 86.00 | 97.00 | 62.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W | RST-3 | 33 | P |  |
| RUS | RSTRSD51 | 140.00 | 158.00 | 56.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W | RST-5 | 35 | P |  |
| RUS | RSTRSD52 | 140.00 | 158.00 | 56.00 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W | RST-5 | 35 | P |  |
| RUS | RUS00401 | 110.00 | 118.22 | 51.52 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W | RUS-4 | 34 | P |  |
| RUS | RUS00402 | 110.00 | 118.22 | 51.52 |  |  |  |  | COP | 38.40 | 8.40 | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W | RUS-4 | 34 | P |  |
| S | S 13800 | 5.00 | 17.00 | 61.50 | 2.00 | 1.00 | 10.00 | MODRSS |  | 41.44 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 04 | P |  |
| S | S 13900 | 5.00 | 17.00 | 61.50 | 2.00 | 1.00 | 10.00 | MODRSS |  | 41.44 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 04 | P |  |
| SEY | SEY00000 | 42.50 | 51.86 | –7.23 | 2.43 | 1.04 | 27.51 | MODRSS |  | 40.44 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SLM | SLM00000 | 128.00 | 159.27 | –8.40 | 1.35 | 1.08 | 118.59 | MODRSS |  | 42.81 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SMO | SMO05700 | –178.00 | –171.70 | –13.87 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SMR | SMR31100 | –36.80 | 12.50 | 43.90 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 83.0 |  | 27M0G7W |  |  | P |  |
| SNG | SNG15100 | 88.00 | 103.86 | 1.42 | 0.92 | 0.72 | 175.12 | MODRSS |  | 46.25 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SRB | SRB14800 | –7.00 | 20.50 | 43.98 | 0.91 | 0.60 | 145.16 | MODRSS |  | 47.07 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SRL | SRL25900 | –33.50 | –11.80 | 8.60 | 0.78 | 0.68 | 114.00 | MODRSS |  | 47.20 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| STP | STP24100 | –7.00 | 7.00 | 0.80 | 0.60 | 0.60 | 0.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SUI | SUI14000 | –18.80 | 10.31 | 49.47 | 1.82 | 0.92 | 151.78 | MODRSS |  | 42.19 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SVK | SVK14401 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SVK | SVK14402 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  |  | P |  |
| SVK | SVK14403 | –12.80 | 16.77 | 46.78 | 1.71 | 0.89 | 149.15 | MODRSS |  | 42.64 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 37 | P |  |
| SVN | SVN14800 | 33.80 | 15.01 | 46.18 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 82.0 |  | 27M0G7W |  |  | P |  |
| SWZ | SWZ31300 | 4.80 | 31.39 | –26.44 | 0.60 | 0.60 | 90.00 | MODRSS |  | 48.88 |  | MODTES | 57.00 | CR |  | 82.0 |  | 27M0G7W |  |  | P |  |
| SYR | SYR22900 | 11.00 | 37.55 | 34.02 | 1.47 | 0.91 | 73.16 | MODRSS |  | 43.19 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 53 | P |  |
| SYR | SYR33900 | 11.00 | 37.60 | 34.20 | 1.32 | 0.88 | 74.00 | MODRSS |  | 43.80 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 53 | P |  |
| TCD | TCD14300 | 17.00 | 18.39 | 15.52 | 3.21 | 2.05 | 83.26 | MODRSS |  | 36.26 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| THA | THA14200 | 98.00 | 100.75 | 12.88 | 2.80 | 1.82 | 93.77 | MODRSS |  | 37.38 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| TJK | TJK06900 | 38.00 | 71.14 | 38.41 | 1.21 | 0.73 | 155.31 | MODRSS |  | 45.00 |  | MODTES | 57.00 | CL |  | 82.0 |  | 27M0G7W |  |  | P |  |
| TKM | TKM06800 | 50.00 | 59.24 | 38.83 | 2.26 | 1.02 | 166.64 | MODRSS |  | 40.81 |  | MODTES | 57.00 | CL |  | 85.7 |  | 27M0G7W |  |  | P |  |
| TLS | TLS00000 | 128.00 | 126.03 | –8.72 | 0.66 | 0.60 | 13.92 | MODRSS |  | 48.50 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| TON | TON21500 | 170.75 | –175.23 | –18.19 | 1.59 | 0.60 | 71.33 | MODRSS |  | 44.64 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| TUN | TUN15000 | –25.20 | 9.50 | 33.50 | 1.88 | 0.72 | 135.00 | MODRSS |  | 43.13 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 55 | P |  |
| TUN | TUN27200 | –25.20 | 2.50 | 32.00 | 3.59 | 1.75 | 175.00 | MODRSS |  | 36.47 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 55 | P |  |
| TUR | TUR14500 | 42.00 | 35.14 | 38.99 | 3.19 | 1.10 | 0.03 | MODRSS |  | 39.00 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 36 | P |  |
| TUV | TUV00000 | 176.00 | 177.61 | –7.11 | 0.94 | 0.60 | 137.58 | MODRSS |  | 46.93 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| TZA | TZA22500 | 11.00 | 34.60 | –6.20 | 2.41 | 1.72 | 129.00 | MODRSS |  | 38.27 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| UAE | UAE27400 | 52.50 | 53.98 | 24.37 | 1.23 | 0.84 | 6.62 | MODRSS |  | 44.31 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| UGA | UGA05100 | 17.00 | 32.20 | 1.04 | 1.50 | 1.02 | 68.73 | MODRSS |  | 42.62 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| UKR | UKR06300 | 38.20 | 31.82 | 48.19 | 2.32 | 0.95 | 177.32 | MODRSS |  | 41.01 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| USA | GUM33101 | 122.00 | 155.56 | 13.21 |  |  |  | CB\_RSS\_GUMA |  | 43.61 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 7C | P |  |
| USA | GUM33102 | 122.00 | 155.56 | 13.21 |  |  |  | CB\_RSS\_GUMA |  | 43.61 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 7C | P |  |
| USA | MRA33200 | 121.80 | 155.56 | 13.21 |  |  |  | CB\_RSS\_MRAA |  | 43.61 |  | MODTES | 57.00 | CR |  | 91.0 |  | 27M0G7W |  |  | P |  |
| USA | PLM33200 | 170.00 | –145.55 | 19.50 |  |  |  | CB\_RSS\_PLMA |  | 39.35 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  |  | P |  |
| USA | USAA\_101 | 170.00 | –145.55 | 19.50 |  |  |  | CB\_RSS\_USAA |  | 39.35 |  | MODTES | 57.00 | CR |  | 87.0 |  | 27M0G7W |  | 7A | P |  |
| USA | USAA\_102 | 170.00 | –145.55 | 19.50 |  |  |  | CB\_RSS\_USAA |  | 39.35 |  | MODTES | 57.00 | CL |  | 87.0 |  | 27M0G7W |  | 7A | P |  |
| UZB | UZB07100 | 33.80 | 63.80 | 41.21 | 2.56 | 0.89 | 159.91 | MODRSS |  | 40.84 |  | MODTES | 57.00 | CR |  | 82.0 |  | 27M0G7W |  |  | P |  |
| VTN | VTN32500 | 107.00 | 106.84 | 14.21 | 3.43 | 1.76 | 109.43 | MODRSS |  | 36.64 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| VUT | VUT12801 | 140.00 | 168.00 | –16.40 | 1.52 | 0.68 | 87.00 | MODRSS |  | 44.30 |  | MODTES | 57.00 | CL |  | 84.0 |  | 27M0G7W |  | 7B | P |  |
| VUT | VUT12802 | 140.00 | 168.00 | –16.40 | 1.52 | 0.68 | 87.00 | MODRSS |  | 44.30 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  | 7B | P |  |
| ZMB | ZMB31400 | –0.80 | 27.50 | –13.10 | 2.38 | 1.48 | 39.00 | MODRSS |  | 38.98 |  | MODTES | 57.00 | CR |  | 84.0 |  | 27M0G7W |  |  | P |  |
| ZWE | ZWE13500 | –0.80 | 29.60 | –18.80 | 1.46 | 1.36 | 37.00 | MODRSS |  | 41.47 |  | MODTES | 57.00 | CL |  | 85.0 |  | 27M0G7W |  |  | P |  |

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1. \* This revision only concerns the suppression of networks INTELSAT7-66E as well as INTELSAT7 and 8-178E in Table 2 (Annex 1). [↑](#footnote-ref-1)
2. \* Channel 1: 58.2 dBW, channels 3, 5, 7: 59.2 dBW, channels 9, 11, 13: 59.3 dBW, other channels: 59.4 dBW. [↑](#footnote-ref-2)
3. \*\* Channels 2, 4, 6: 63.6 dBW, channels 8, 10, 12: 63.7 dBW. [↑](#footnote-ref-3)
4. \*\*\* Channels 2, 4, 6: 59.0 dBW, other channels: 59.1 dBW. [↑](#footnote-ref-4)