

INTERNATIONAL TELECOMMUNICATION UNION



Radiocommunication Bureau

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Circular Letter
CR/231

20 December 2004

To Administrations of Member States of the ITU

Subject: Implementation of Resolution **547 (WRC-03)**, Updating of the "Remarks" columns in the Tables of Article 9A of Appendix **30A** and Article 11 of Appendix **30** of the Radio Regulations

To the Director General

Dear Sir/Madam,

1. WRC-03 updated the "Remarks" columns in Tables 3A1 and 3A2 of Article 9A of Appendix **30A** and Table 6A of Article 11 of Appendix **30** and adopted new Tables in those Articles that specify affected or affecting networks or beams of administrations based on the results of studies by the Radiocommunication Bureau. WRC-03 also adopted new sharing criteria in Appendices **30** and **30A**.

2. In accordance with *resolves* 1 and 2 of Resolution **547 (WRC-03)** and in order to reduce the number of affected and affecting administrations or networks, the Bureau was instructed, using the revised criteria adopted by WRC-03 and taking into account any changes in the characteristics and any suppression of assignments in the application of the Radio Regulations, to carry out the required analyses based on the following Notes explaining the nature of the "Remarks" column entries: Notes 5 to 7 in § 9A.2 of Article 9A of Appendix **30A** and Notes 5 to 8 in § 11.2 of Article 11 of Appendix **30**.

3. The Bureau was also instructed to publish, not later than 1 January 2005, the updated results of its compatibility analysis, together with its related conclusions, in a circular letter. From the date that circular letter has been sent, administrations concerned will have until one year before WRC-07 to decide whether or not they wish to continue appearing as "affected or affecting administrations". In the case of a request by an administration whose name appears in the "Remarks" column as an affecting or affected BSS administration in Regions 1 and 3, its deletion from the "Remarks" column is subject to the agreement of the affected administration or affecting administration. A copy of this agreement needs to be attached to the request. If no reply is received from administrations within that period, it will be taken that there is no need to make any change.

4. As mentioned in paragraph 3 above and in accordance with *resolves* 3 of Resolution **547 (WRC-03)**, the results of the compatibility analysis together with its related conclusions are contained in the annexes to this Circular Letter. Annex 1 contains an extract of Article 11 of Appendix **30** including revised Tables 2, 3 and 4. Annex 2 contains an extract of Article 9A of Appendix **30A** including updated Tables 1A and 1B. It should be noted that Tables 1A and 1B have not changed.

5. In accordance with *resolves* 4 of Resolution **547 (WRC-03)**, the concerned administrations are requested to examine their respective situation in the relevant tables and act in accordance with paragraph 3 above from the date of this Circular Letter and until one year before WRC-07.

6. Should administrations have any queries regarding the contents of this Circular Letter the contact person in the Radiocommunication Bureau is Mr. M. Sakamoto, phone: +41 22 730 53 71, fax: +41 22 730 57 85, e-mail: mitsuhiro.sakamoto@itu.int.

Yours faithfully,

Valery Timofeev
Director, Radiocommunication Bureau

Annexes: 2

Distribution:

- Administrations of Member States of the ITU
- Members of the Radio Regulations Board

ANNEX 1

(to Circular Letter CR/231)

TABLE 2

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/terrestrial stations*
AFS02100	23	c	MLA	MEASAT-SA1
AGL29500	1, 3, 5, 7, 9, 11, 13	c	USA	INTELSAT7 335.5E, INTELSAT8 335.5E
ARM06400	26, 30, 34, 38	c	PAK	PAKSAT-C
ARS34000	40	c	BLR/IK, CHN, D, F/EUT, G, HOL, INS, J, KOR, LAO, MLA, PAK, PNG, THA, TON, UAE, USA	AM-SAT A1, AM-SAT A4, APSTAR-4, ASIASAT-AK1, ASIASAT-AKX, ASIASAT-BKX, ASIASAT-CK1, ASIASAT-CKX, ASIASAT-DKX, ASIASAT-EK1, ASIASAT-EKX, EMARSAT-1B, EMARSAT-1F, EMARSAT-1G, EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-36E, EUTELSAT 3-48E, EUTELSAT 3-70.5E, INTELSAT7 66E, INTERSPUTNIK-27E-Q, JCSAT-3A, JCSAT-3B, KOREASAT-1, L-STAR-1, L-STAR-2, L-STAR-3, L-STAR-4, L-STAR-5, L-STAR-6, MEASAT-1, MEASAT-91.5E, MEASAT-95E, MEASAT-SA3, MEASAT-SA4, N-SAT-102.5E, N-SAT-103.5E, N-SAT-106.5, N-SAT-110, N-SAT-110E, N-SAT-117, N-SAT-120E, N-SAT-122.5E, N-SAT-125.5E, N-SAT-128, N-SAT-129.5E, N-SAT-65.5, N-SAT-73E, N-SAT-74.5E, N-SAT-76.5E, N-SAT-79.5E, N-SAT-82.5E, N-SAT-84E, N-SAT-86E, N-SAT-94E, NSS-21, NSS-22, NSS-23, NSS-24, NSS-8, NSS-9, PACSTAR-L1, PACSTAR-L2, PACSTAR-L3, PAKSAT-1, PALAPA-C5, PALAPA-C6, PALAPA-C7, SJC-1, THAICOM-A2B, THAICOM-A5B, THAICOM-C1, THAICOM-G1K, TONGASAT C/KU-1
AUSA_100	1, 5, 9	c	BLR/IK	INTERSPUTNIK-153.5EQ
AZE06400	25, 27, 29, 31, 33, 35, 37, 39	c	BLR/IK, PAK	INTERSPUTNIK-27E-Q, PAKSAT-C
BEL01800	26, 28, 30, 32, 34, 36, 38, 40	c	PAK	PAKSAT-1
BFA10700	22, 24	c	E	HISPASAT-1, HISPASAT-2C3 KU
BHR25500	25	c	BLR/IK, F/EUT, HOL, PAK	EUTELSAT 3-36E, INTERSPUTNIK-27E-Q, NSS-21, NSS-22, PAKSAT-1, PAKSAT-C
BHR25500	29, 33, 37	c	BLR/IK, F/EUT, HOL, MLA, PAK	EUTELSAT 3-36E, INTERSPUTNIK-27E-Q, MEASAT-SA3, NSS-21, NSS-22, PAKSAT-1, PAKSAT-C
BOT29700	22, 24, 26	c	NOR	BIFROST-14
BUL02000	22, 24, 26	c	NOR	BIFROST-14
CAF25800	22, 26	c	F/EUT	EUTELSAT 3-12.5W
CME30000	22, 24, 26	c	F/EUT	EUTELSAT 3-12.5W

Beam name	Channels	Ref. Table 1	Affected administrations*	Affected networks/beams/terrestrial stations*
COG23500	1, 3, 5, 7, 9, 11, 13, 15, 17, 19	c	F/EUT	EUTELSAT 3-12.5W
CPV30100	2, 4, 6, 8, 10, 12	c	USA	INTELSAT7 325.5E, INTELSAT8 325.5E
CTI23700	1, 3, 5, 7, 9, 11, 13	c	USA	INTELSAT7 335.5E, INTELSAT8 335.5E
CVA08300	1, 3, 5, 7, 9, 11	c	NOR, USA	INTELSAT7 359E, INTELSAT8 359E, BIFROST-14, INTELSAT10 359E
CVA08500	22	c	NOR	BIFROST-14
CYP08600	1, 3, 5, 7, 9, 11, 13	c	NOR, USA	INTELSAT7 359E, INTELSAT8 359E, BIFROST-14
CYP08600	15, 17, 19	c	NOR	BIFROST-14
CZE14401	1, 9, 17, 25	c	F/EUT	EUTELSAT 3-12.5W
CZE14402	14	c	F/EUT	EUTELSAT 3-12.5W
CZE14403	2, 22, 24	c	F/EUT	EUTELSAT 3-12.5W
DNK__100	1, 3, 5, 7, 9, 11, 13	c	USA	INTELSAT7 335.5E, INTELSAT8 335.5E, INTELSAT8 332.5E, INTELSAT7 332.5E
EGY02600	2, 6, 10, 14, 18	c	BLR/IK, F	INTERSPUTNIK-6W-Q, VIDEOSAT-6, VIDEOSAT-5-KA, VIDEOSAT-6-KA
F 09300	22, 24, 26	c	BLR/IK	INTERSPUTNIK-6W-Q
FJI19300	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23	c	J	N-SAT-178.5W
FSM00000	1, 3, 5, 7, 9, 11, 13	c	J, USA	INTELSAT7 157E, SUPERBIRD-A2
FSM00000	15, 17, 19, 21, 23	c	J	SUPERBIRD-A2
GAB26000	1, 5, 9, 13, 17	c	F/EUT	EUTELSAT 3-12.5W
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	NOR, USA	INTELSAT7 359E, INTELSAT8 359E, BIFROST-14, INTELSAT10 359E

Beam name	Channels	Ref. Table 1	Affected administrations*	Affected networks/beams/terrestrial stations*
GRC10500	14, 16, 18, 20	c	NOR	BIFROST-14
GUI19200	2, 4, 6, 8, 10, 12, 14, 16, 18, 20	c	USA	USASAT-26A
HNG10601	3, 11, 19	c	F/EUT	EUTELSAT 3-12.5W
HNG10602	6	c	F/EUT	EUTELSAT 3-12.5W
HNG10603	2, 22, 24	c	F/EUT	EUTELSAT 3-12.5W
HRV14801	5, 13, 21	c	F/EUT	EUTELSAT 3-12.5W
HRV14802	10	c	F/EUT	EUTELSAT 3-12.5W
HRV14803	2, 22, 24	c	F/EUT	EUTELSAT 3-12.5W
I 08200	22	c	F/EUT, MLA, USA	MEASAT-SA2, USASAT-41S, EUTELSAT 3-7E
I 08200	26	c	F/EUT, USA	USASAT-41S, EUTELSAT 3-7E
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, F, F/EUT, HOL, NOR, URG, USA	B-SAT 1, BIFROST-14, EUTELSAT 3-12.5W, EUTELSAT 3-64W, EUTELSAT 3-7E, F-SAT-KU-E-5W, INTELSAT8 304.5E, INTELSAT8 310E, NSS-15, NSS-17, NSS-18, URUSAT-3, URUSAT-4, USASAT-14L, USASAT-26G, USASAT-26L, USASAT-41L, USASAT-41S, VIDEOSAT-5-KA, VIDEOSAT-6, VIDEOSAT-6-KA, VIDEOSAT-7, VIDEOSAT-8-KU-C
ISL05000	22, 24, 26	c	HOL	NSS-18
KEN24900	22, 24, 26	c	NOR	BIFROST-14
KIR__100	1, 3, 5, 7, 9, 11, 13	c	J, TON, USA	INTELSAT7 174E, INTELSAT7 176E, INTELSAT7 177E, INTELSAT7 178E, INTELSAT7 180E, INTELSAT8 174E, INTELSAT8 176E, INTELSAT8 178E, N-SAT-175.5E, N-SAT-178.5E, N-SAT-178.5W, TONGASAT C1/C1-R, USASAT-14K
KIR__100	17, 21	c	J, TON, USA	N-SAT-175.5E, N-SAT-178.5E, N-SAT-178.5W, TONGASAT C1/C1-R, USASAT-14K
KRE28600	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23	c	J	N-SAT-141E

Beam name	Channels	Ref. Table 1	Affected administrations*	Affected networks/beams/terrestrial stations*
LBR24400	1, 5, 9, 13	c	USA	INTELSAT7 325.5E, INTELSAT8 325.5E
LBY__100	2, 4, 6, 8, 10, 12	c	USA	INTELSAT7 335.5E, INTELSAT8 335.5E
MAU__100	26, 28, 30, 32, 34, 36, 38, 40	c	BLR/IK, F/EUT, HOL, PAK	EUTELESAT 3-36E, INTERSPUTNIK-27E-Q, NSS-21, NSS-22, PAKSAT-C
MDA06300	26	c	HOL	NSS-23
MDA06300	28, 30, 32, 34, 36, 38, 40	c	HOL, THA	NSS-23, THAICOM-C1
MHL00000	4, 8, 12, 16, 20, 22, 24	c	J	N-SAT-147.5E
MLI__100	1, 3, 5, 7, 9, 11, 13	c	USA	INTELSAT IBS 342E, INTELSAT7 342E, INTELSAT7 340E, INTELSAT8 342E INTELSAT8 340E
MNG24800	27	c	BLR/IK, CHN, F/EUT, HOL, IND, J, USA	ASIASAT-DKX, EUTELESAT 3-70.5E, INSAT-EK74, INTELSAT7 66E, INTERSPUTNIK-75E-Q, N-SAT-65.5, N-SAT-73E, N-SAT-74.5E, N-SAT-76.5E, N-SAT-79.5E, N-SAT-82.5E, NSS-24
MNG24800	31, 35	c	BLR/IK, CHN, F/EUT, HOL, IND, INS, J, LAO, THA, USA	APSTAR-4, ASIASAT-DKX, CHINASAT-13, EUTELESAT 3-70.5E, INSAT-EK74, INTELSAT7 66E, INTERSPUTNIK-75E-Q, L-STAR-1, N-SAT-65.5, N-SAT-73E, N-SAT-74.5E, N-SAT-76.5E, N-SAT-79.5E, N-SAT-82.5E, NSS-24, PALAPA-C5, PALAPA-C6, PALAPA-C7, THAICOM-A2B, THAICOM-G1K
MOZ30700	2, 6, 10	c	NOR, USA	INTELSAT7 359E, INTELSAT8 359E, BIFROST-14, INTELSAT10 359E
MOZ30700	14, 18	c	NOR	BIFROST-14
MRC20900	1, 3, 5, 7, 9, 11, 13	c	USA	INTELSAT7 332.5E, INTELSAT7 335.5E, INTELSAT8 332.5E, INTELSAT8 335.5E
NGR11500	2, 4, 6, 8, 10, 12, 14, 16, 18, 20	c	E, USA	USASAT-26A, HISPASAT 36W KU
NOR12000	1, 3, 5, 7, 9, 11, 13	c	USA	INTELSAT7 359E, INTELSAT8 359E, INTELSAT10 359E
NZL__100	2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	c	J	SUPERBIRD-A2
OCE10100	2, 6, 10, 14, 18, 20, 22, 24	c	J	N-SAT-159W, N-SAT-161W, N-SAT-163W, N-SAT-165W

Beam name	Channels	Ref. Table 1	Affected administrations*	Affected networks/beams/terrestrial stations*
PLM33200	2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	c	J, TON	N-SAT-166E, N-SAT-168E, N-SAT-175.5E, TONGASAT C1/C1-R
POL13200	26	c	HOL	NSS-23
POL13200	28, 30, 32, 34, 36, 38, 40	c	HOL, THA	NSS-23, THAICOM-C1
POR__100	1, 3, 5, 7, 9, 11, 13, 15, 17, 19	c	USA	USASAT-26A
RUS-4	26	c	CHN, IND, J, THA	ASIASAT-BKX, ASIASAT-CK1, ASIASAT-CKX, ASIASAT-EK1, ASIASAT-EKX, INSAT-EK111.5, N-SAT-102.5E, N-SAT-103.5E, N-SAT-106.5, N-SAT-110, N-SAT-110E, N-SAT-117, N-SAT-120E, THAICOM-A3B
RUS-4	28	c	CHN, G, IND, J, KOR, LAO, THA	AM-SAT A4, ASIASAT-BKX, ASIASAT-CK1, ASIASAT-CKX, ASIASAT-EK1, ASIASAT-EKX, DFH-4-OB, DFH-4-OD, DFH-4-OF, INSAT-EK111.5, KOREASAT-1, KOREASAT-103KU, KOREASAT-2, L-STAR-2, L-STAR-3, N-SAT-102.5E, N-SAT-103.5E, N-SAT-106.5, N-SAT-110, N-SAT-110E, N-SAT-117, N-SAT-120E, THAICOM-A3B, THAICOM-G2K
RUS-4	29	c	CHN, G, IND, J, KOR, LAO, THA	AM-SAT A4, ASIASAT-BKX, ASIASAT-CK1, ASIASAT-CKX, ASIASAT-EK1, ASIASAT-EKX, CHINASAT-6, DFH-3A-OB, DFH-4-OB, DFH-4-OD, DFH-4-OF, INSAT-EK111.5, KOREASAT-1, KOREASAT-103KU, KOREASAT-2, L-STAR-2, L-STAR-3, N-SAT-102.5E, N-SAT-103.5E, N-SAT-106.5, N-SAT-110, N-SAT-110E, N-SAT-117, N-SAT-120E, THAICOM-A3B, THAICOM-G2K
RUS-4	31, 35, 39	c	CHN, G, KOR	AM-SAT A4, CHINASAT-6, KOREASAT-2
RUS-4	33, 37	c	CHN, G, IND, J, KOR, LAO, THA	AM-SAT A4, ASIASAT-BKX, ASIASAT-CK1, ASIASAT-CKX, ASIASAT-EK1, ASIASAT-EKX, CHINASAT-6, DFH-3A-OB, DFH-4-OB, DFH-4-OD, DFH-4-OF, INSAT-EK111.5, KOREASAT-1, KOREASAT-103KU, KOREASAT-2, L-STAR-2, L-STAR-3, N-SAT-102.5E, N-SAT-103.5E, N-SAT-106.5, N-SAT-110, N-SAT-110E, N-SAT-117, N-SAT-120E, THAICOM-A3B, THAICOM-G2K
S 13800	21, 23, 25	c	F, F/EUT	VIDEOSAT-8-KU-C, EUTELSAT 3-7E
SCG14800**	22, 24, 26	c	F	VIDEOSAT-5-KA
SDN__100	21, 25	c	BLR/IK, F	INTERSPUTNIK-6W-Q, VIDEOSAT-6, VIDEOSAT-5-KA, VIDEOSAT-6-KA
SEN22200	23	c	USA	USASAT-26A
SEY00000	26, 28, 30, 32, 34, 36, 38, 40	c	D, F/EUT, HOL, PAK, UAE	EMARSAT-1F, EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-36E, EUTELSAT 3-48E, NSS-21, NSS-22, PAKSAT-2
SMO05700	1, 5, 9, 13, 17, 19, 21, 23	c	J	N-SAT-178.5W
SOM31200	26	c	F/EUT, HOL, PAK	EUTELSAT 3-36E, NSS-21, NSS-22, PAKSAT-1, PAKSAT-2
SOM31200	28, 30, 32, 34, 36, 38, 40	c	F/EUT, HOL, MLA, PAK	EUTELSAT 3-36E, MEASAT-SA3, NSS-21, NSS-22, PAKSAT-1, PAKSAT-2

Beam name	Channels	Ref. Table 1	Affected administrations*	Affected networks/beams/terrestrial stations*
STP24100	2, 6, 10, 14, 18	c	F	VIDEOSAT-5-KA
SVK14401	7, 15, 23	c	F/EUT	EUTELSAT 3-12.5W
SVK14402	18, 26	c	F/EUT	EUTELSAT 3-12.5W
SVK14403	2, 22, 24	c	F/EUT	EUTELSAT 3-12.5W
TGO22600	1, 3, 5, 7, 9, 11	c	USA	INTELSAT7 330.5E, INTELSAT8 330.5E
TGO22600	13	c	E, USA	HISPASAT-1, INTELSAT7 330.5E, HISPASAT-2C3 KU, INTELSAT8 330.5E
TGO22600	15, 17, 19	c	E	HISPASAT-1, HISPASAT-2C3 KU
TJK06900	26	c	D, F/EUT, HOL, PAK, UAE	EMARSAT-1F, EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-36E, EUTELSAT 3-48E, NSS-21, NSS-22, PAKSAT-1, PAKSAT-2, PAKSAT-C
TJK06900	28, 30, 32, 34, 36, 38, 40	c	D, F/EUT, HOL, MLA, PAK, UAE	EMARSAT-1F, EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-36E, EUTELSAT 3-48E, MEASAT-SA3, MEASAT-SA4, NSS-21, NSS-22, PAKSAT-1, PAKSAT-2, PAKSAT-C
TKM06800	26	c	D, F/EUT, HOL, IND, PAK, THA, UAE	EMARSAT-1B, EMARSAT-1F, EMARSAT-1G, EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-48E, INSAT-EK48, NSS-23, NSS-8, PAKSAT-1, PAKSAT-2, PAKSAT-C, PAKSAT-D, THAICOM-A2B
TKM06800	28	c	D, F/EUT, HOL, IND, J, MLA, PAK, THA, UAE	EMARSAT-1B, EMARSAT-1F, EMARSAT-1G, EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-48E, INSAT-EK48, JCSAT-3B, MEASAT-SA3, MEASAT-SA4, NSS-23, NSS-8, PAKSAT-1, PAKSAT-2, PAKSAT-C, PAKSAT-D, THAICOM-A2B, THAICOM-C1
TKM06800	30, 32, 34, 36, 38, 40	c	D, F/EUT, HOL, IND, J, KOR, MLA, PAK, THA, UAE	EMARSAT-1B, EMARSAT-1F, EMARSAT-1G, EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-48E, INSAT-EK48, JCSAT-3B, KOREASAT-1, MEASAT-SA3, MEASAT-SA4, NSS-23, NSS-8, PAKSAT-1, PAKSAT-2, PAKSAT-C, PAKSAT-D, SJC-1, THAICOM-A2B, THAICOM-C1
TON21500	2, 6, 10, 14, 18, 20, 22, 24	c	USA	USASAT-14K
TUV00000	4, 8, 12	c	J, USA	INTELSAT7 176E, INTELSAT8 176E, N-SAT-175.5E
TUV00000	16, 18, 20, 22, 24	c	J	N-SAT-175.5E
UAE27400	27	c	D, F/EUT, HOL, MLA	EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-48E, MEASAT-SA4, NSS-23, NSS-8
UAE27400	31, 35, 39	c	D, F/EUT, HOL, MLA, THA	EUROPE*STAR-2G-1, EUROPE*STAR-2G-2, EUROPE*STAR-2G-3, EUTELSAT 3-48E, MEASAT-SA4, NSS-23, NSS-8, THAICOM-C1
WAK33400	3, 7, 11, 15, 19, 21, 23	c	J	N-SAT-141E
ZMB31400	21, 23, 25	c	NOR	BIFROST-14
ZWE13500	1, 3, 5, 7, 9, 11, 13	c	NOR, USA	INTELSAT7 359E, INTELSAT8 359E, BIFROST-14

Beam name	Channels	Ref. Table 1	Affected administrations*	Affected networks/beams/terrestrial stations*
ZWE13500	15, 17, 19	c	NOR	BIFROST-14

* Administrations and corresponding networks/beams/terrestrial stations whose assignment(s) may receive interference from the beam shown in the left-hand column.

** *Note by the Secretariat:* This designation replaces the former designation “YUG” which was used previously as a three-letter code for the Administration of Serbia and Montenegro.

TABLE 3

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*
AGL29500	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
AND34100	2, 6, 10, 12	7	HOL, USA	INTELSAT7 319.5E, INTELSAT8 319.5E, USASAT-26A INTELSAT8 328.5E
AND34100	14, 16, 18, 20	7	USA	USASAT-26A
ARM06400	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3B
ARS34000	40	7	J	JCSAT-3A, JCSAT-3B
ARS__100	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B
AUSB_100	4, 8, 12	7	USA	INTELSAT7 174E
AZE06400	25, 27, 29, 31, 33, 35, 37, 39	7	J	JCSAT-3A, JCSAT-3B
BEN23300	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
BFA10700	22, 24	7	E	HISPASAT-1, HISPASAT-2C3 KU
BHR25500	25, 27, 29, 31, 33, 35, 37, 39	7	J	JCSAT-3A, JCSAT-3B
COD__100	2, 4, 6, 8, 10, 12	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
COG23500	1, 3, 5, 7, 9, 11, 13	7	USA	INTELSAT7 342E
COM20700	25, 27, 29, 31, 33, 35, 37, 39	7	J	JCSAT-3B
CPV30100	2, 4, 6, 8, 10, 12	7	USA	INTELSAT8 328.5E
CTI23700	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
CVA08300	1, 3, 5, 7, 9, 11	7	USA	INTELSAT7 359E
CYP08600	1, 3, 5, 7, 9, 11, 13	7	USA	INTELSAT7 359E
CZE14401	1, 9	7	USA	INTELSAT7 342E
CZE14403	2	7	USA	INTELSAT7 342E
D 08700	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
DNK090XR	29	6	JMC	JMC00005
DNK090XR	33	6	GUY, JMC	GUY00302, JMC00005
DNK091XR	31, 35	6	GUY, JMC	GUY00302, JMC00005

Beam name	Channels	Note	Affecting administrations*	Affecting networks/beams*
DNK__100	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
EGY02600	2, 6, 8, 10, 12	7	USA	INTELSAT7 359E
ERI09200	25, 27, 29, 31, 33, 35, 37, 39	7	J	JCSAT-3B
FJI19300	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 174E, INTELSAT7 177E, INTELSAT7 180E, INTELSAT7 183E, INTELSAT IBS 183E
F___100	25, 27, 29, 31, 33, 35, 37, 39	7	J	JCSAT-3A, JCSAT-3B
G 02700	2, 4, 6, 8, 10, 12	7	USA	INTELSAT8 328.5E
GAB26000	1, 3, 5, 7, 9, 11, 13	7	USA	INTELSAT7 342E
GMB30200	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 319.5E, INTELSAT8 319.5E, USASAT-26A, INTELSAT8 328.5E
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	HOL, USA	INTELSAT7 319.5E, INTELSAT8 319.5E, USASAT-26A, INTELSAT8 328.5E
GUI19200	14, 16, 18, 20	7	USA	USASAT-26A
HNG10601	3, 11	7	USA	INTELSAT7 342E
HNG10602	6	7	USA	INTELSAT7 342E
HNG10603	2	7	USA	INTELSAT7 342E
HRV14801	5, 13	7	USA	INTELSAT7 342E
HRV14802	10	7	USA	INTELSAT7 342E
HRV14803	2	7	USA	INTELSAT7 342E
IRL21100	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 319.5E, INTELSAT8 319.5E, 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 174E, INTELSAT7 177E, INTELSAT7 180E, INTELSAT8 174E
KWT11300	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B
LBR24400	1, 5, 7, 9, 11, 13	7	USA	INTELSAT8 328.5E
LBY__100	2, 4, 6, 8, 10, 12	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
LSO30500	1, 3, 5, 7, 9, 11, 13	7	USA	INTELSAT7 359E

Beam name	Channels	Note	Affecting administrations*	Affecting networks/beams*
MAU__100	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B
MLI__100	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
MNG24800	27	7	J	JCSAT-3A, JCSAT-3B, JCSAT-1R, SUPERBIRD-C
MNG24800	29, 31, 33, 35, 37, 39	7	CHN, J, THA	JCSAT-3A, JCSAT-3B, APSTAR-4, JCSAT-1R, THAICOM-A2B, SUPERBIRD-C
MOZ30700	2, 6, 10, 12	7	USA	INTELSAT7 359E
MRC20900	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
MTN__100	22, 24, 26	7	USA	USASAT-26A
MWI30800	2, 4, 6, 8, 10, 12	7	USA	INTELSAT7 359E
NGR11500	2, 4, 6, 8, 10, 12	7	HOL, USA	INTELSAT7 319.5E, INTELSAT8 319.5E, USASAT-26A, INTELSAT8 328.5E
NGR11500	14, 16, 18, 20	7	USA	USASAT-26A
NOR12000	1, 3, 5, 7, 9, 11, 13	7	USA	INTELSAT7 359E
OMA12300	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B
POR__100	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 319.5E, INTELSAT8 319.5E, USASAT-26A, INTELSAT8 328.5E
POR__100	15, 17, 19	7	USA	USASAT-26A
RUS-4	25	7	J	JCSAT-3A, JCSAT-3B, JCSAT-1R, SUPERBIRD-C
RUS-4	26, 27	7	CHN, J	ASIASAT-CK1, JCSAT-3A, JCSAT-3B, JCSAT-1R, SUPERBIRD-C
RUS-4	28, 29	7	CHN, J, KOR	ASIASAT-CK1, JCSAT-3A, JCSAT-3B, JCSAT-1R, SUPERBIRD-C, ASIASAT-CKX, KOREASAT-1, KOREASAT-2
RUS-4	31, 33, 35, 37, 39	7	CHN, J, KOR	ASIASAT-CK1, JCSAT-3A, JCSAT-3B, JCSAT-1R, SUPERBIRD-C, CHINASAT-6, ASIASAT-CKX, KOREASAT-1, KOREASAT-2
SEN22200	23, 25	7	USA	USASAT-26A
SEY00000	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B
SMO05700	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 174E, INTELSAT7 177E, INTELSAT7 180E, INTELSAT7 183E, INTELSAT IBS 183E
SMR31100	1, 3, 5, 7, 9, 11, 13	7	HOL, USA	INTELSAT7 319.5E, INTELSAT8 319.5E, USASAT-26A, INTELSAT8 328.5E
SMR31100	15, 17, 19	7	USA	USASAT-26A
SOM31200	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B
SRL25900	27	6	GUY	GUY00302
SRL25900	29, 39	6	JMC	JMC00005
SRL25900	31, 33, 35, 37	6	GUY, JMC	GUY00302, JMC00005
STP24100	2, 4, 6, 8, 10, 12	7	USA	INTELSAT7 359E

Beam name	Channels	Note	Affecting administrations*	Affecting networks/beams*
SUI14000	2, 4, 6, 8, 10, 12	7	HOL, USA	INTELSAT7 338.5E, INTELSAT7 342E, INTELSAT8 338.5E
SVK14401	7	7	USA	INTELSAT7 342E
SVK14403	2	7	USA	INTELSAT7 342E
SWZ31300	1, 3, 5, 7, 9, 11, 13	7	USA	INTELSAT7 359E
TGO22600	1, 3, 5, 7, 9, 11	7	USA	INTELSAT8 328.5E
TGO22600	13	7	E, USA	INTELSAT8 328.5E, HISPASAT-2C3 KU
TGO22600	15, 17, 19	7	E	HISPASAT-1, HISPASAT-2C3 KU
TJK06900	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B, JCSAT-1R
TKM06800	26, 28, 30, 32, 34, 36, 38, 40	7	J	JCSAT-3A, JCSAT-3B
TON21500	2, 4, 6, 8, 10, 12	7	USA	INTELSAT7 174E, INTELSAT7 177E, INTELSAT7 180E, INTELSAT8 174E
TUV00000	2, 4, 6, 8, 10, 12	7	USA	INTELSAT7 174E, INTELSAT7 177E, INTELSAT7 180E, INTELSAT8 174E
UAE27400	25, 27, 29, 31, 33, 35, 37, 39	7	J	JCSAT-3A, JCSAT-3B
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 4

Affecting administrations and corresponding terrestrial stations identified based on Note 8 in § 11.2 of Article 11

Beam name	Channels	Affecting administrations*	Affecting terrestrial stations*
EGY02600	2	ISR	HERZILIYA
F 09300	24, 26	SUI	GENEVE STUDIO C VOGT
I 08200	38, 40	AUT	EHRWALD
JOR22400	2	ISR	HERZILIYA, JERUSALEM
RUS-4	25, 26, 27, 28, 29, 31, 33, 35, 37, 39	J ¹	

* Administrations and corresponding terrestrial stations whose assignment(s) may cause interference to the beam shown in the left-hand column.

¹ The identification of this administration is based on its typical terrestrial station assignments as recorded in the Master Register.

ANNEX 2

(to Circular Letter CR/231)

TABLE 1A

Affected administrations and corresponding networks or beams identified based on Note 5 in § 9A.2 of Article 9A

Beam name	Channels	Affected administrations¹	Affected networks/beams¹
CPV30100	2, 4, 8, 10, 12	GUY JMC	GUY00302, JMC00005
CPV30100	6	JMC	JMC00005
G 02700	2, 4, 8, 10, 12	GUY JMC	GUY00302, JMC00005
G 02700	6	JMC	JMC00005
LBR24400	1	GUY	GUY00302
LBR24400	3, 9, 13	JMC	JMC00005
LBR24400	5, 7, 11	GUY JMC	GUY00302, JMC00005

¹ Administrations and corresponding networks or beams whose assignment(s) may receive interference from the beam shown in the left-hand column.

TABLE 1B

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

Beam name	Channels	Note	Affecting administrations ¹	Affecting networks/beams ¹
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
NZL__100	24	7	J	SUPERBIRD-A
¹ Administrations and corresponding networks or beams whose assignment(s) may cause interference to the beam shown in the left-hand column.				