

START OF JOB SNSBPF 14.01.04 14.10.45 VERSION 4.17 102520047 H ng 01N
COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for IOMSAT-1 (102520047)** EXAMINATION REQUESTED BY : ng DATE: 14/01/04 14:10:45

G IOMSAT-1 9.90E 0.10 0.10 27.03.02 C 102.520047

KUUR	44.0 DB	POINTING ACC 0.10 DEG		102.520047	
EC	6000 KHZ	27.03.02			102.608503
13.77500 G	6000 KHZ	6M00G7W--	8.6 DBW (MIN)	11.6 DBW (MAX)	-56.2 DBW/HZ
(5) 5.503				TYPICAL K8.0 METER	59.4 REC-580
ALL WORLD					71.1 OVERLAP 6.000 MHZ
					0.1 71.0
13.77500 G	6000 KHZ	2M00G7W--	8.6 DBW (MIN)	11.6 DBW (MAX)	-51.4 DBW/HZ
(5) 5.503				TYPICAL K8.0 METER	59.4 REC-580
ALL WORLD					71.1 OVERLAP 6.000 MHZ
					0.1 71.0
EC	6000 KHZ	27.03.02			102.608504
13.77500 G	6000 KHZ	6M00G7W--	13.6 DBW (MIN)	16.6 DBW (MAX)	-51.1 DBW/HZ
(5) 5.503				TYPICAL K4.5 METER	54.4 REC-580
ALL WORLD					71.1 OVERLAP 6.000 MHZ
					0.1 71.0
13.77500 G	6000 KHZ	2M00G7W--	13.6 DBW (MIN)	16.6 DBW (MAX)	-46.4 DBW/HZ
(5) 5.503				TYPICAL K4.5 METER	54.4 REC-580
ALL WORLD					71.1 OVERLAP 6.000 MHZ
					0.1 71.0

K1R

44.0 DB POINTING ACC 0.10 DEG

EK 4000 KHZ 27.03.02
 12.50200 G 4000 KHZ 25KONON-- -10.0 DBW -54.0 DBW/HZ
 (7) RR 21.16 FIXED-SATELLITE
 REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 080E33 45N06 CHN
 EK 4000 KHZ 27.03.02
 12.74800 G 4000 KHZ 25KONON-- -10.0 DBW -54.0 DBW/HZ
 (7) RR 21.16 FIXED-SATELLITE
 REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 080E33 45N06 CHN

102.520047

102.608521
 0001
 REF. BW 0.004 MHZ
 40.0 -141.3 6.7 -148.0
 102.643614
 0001
 REF. BW 0.004 MHZ
 40.0 -141.3 6.7 -148.0

K3R

44.0 DB POINTING ACC 0.10 DEG

102.520047

EC	50000 KHZ	27.03.02							102.608529
12.22500	G	50000 KHZ	36M0F9W--	7.5 DBW	-55.5 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.22500	G	50000 KHZ	18M0F9W--	7.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.22500	G	50000 KHZ	50M0G7W--	21.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.22500	G	50000 KHZ	36M0G7W--	20.1 DBW	-55.5 DBW/HZ		44.0 -138.8		0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.22500	G	50000 KHZ	22M0G7W--	17.9 DBW	-55.5 DBW/HZ		44.0 -138.8		0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.22500	G	50000 KHZ	6M00G7W--	12.3 DBW	-55.5 DBW/HZ		44.0 -138.8		0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.22500	G	50000 KHZ	2M00G7W--	7.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.22500	G	50000 KHZ	44K0G1D--	-9.0 DBW	-55.5 DBW/HZ		44.0 -138.8		0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	36M0F9W--	7.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	18M0F9W--	7.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	50M0G7W--	21.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	36M0G7W--	20.1 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	22M0G7W--	17.9 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	6M00G7W--	12.3 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	2M00G7W--	7.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.27500	G	50000 KHZ	44K0G1D--	-9.0 DBW	-55.5 DBW/HZ		44.0 -138.8		0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.32500	G	50000 KHZ	36M0F9W--	7.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.32500	G	50000 KHZ	18M0F9W--	7.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	
12.32500	G	50000 KHZ	50M0G7W--	21.5 DBW	-55.5 DBW/HZ		44.0 -138.8		0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					085E17 20N34	IND	9.2 -148.0	

12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	44K0G1D-- -9.0 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0005
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0F9W-- 7.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	18M0F9W-- 7.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	50M0G7W-- 21.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0G7W-- 20.1 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	22M0G7W-- 17.9 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	6M00G7W-- 12.3 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	2M00G7W-- 7.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	44K0G1D-- -9.0 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0006
12.52500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0F9W-- 7.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	18M0F9W-- 7.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	50M0G7W-- 21.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	36M0G7W-- 20.1 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	22M0G7W-- 17.9 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	6M00G7W-- 12.3 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	44K0G1D-- -9.0 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0007
12.57500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	36M0F9W-- 7.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0008
12.57500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	18M0F9W-- 7.5 DBW FIXED-SATELLITE	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0008
12.57500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ	50M0G7W-- 21.5 DBW DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0008

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	50M0G7W-- 21.5 DBW -55.5 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	36M0G7W-- 20.1 DBW -55.5 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	22M0G7W-- 17.9 DBW -55.5 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	6M00G7W-- 12.3 DBW -55.5 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	2M00G7W-- 7.5 DBW -55.5 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	44K0G1D-- -9.0 DBW -55.5 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	36M0F9W-- 7.5 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	18M0F9W-- 7.5 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	50M0G7W-- 21.5 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	36M0G7W-- 20.1 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	22M0G7W-- 17.9 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	6M00G7W-- 12.3 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	2M00G7W-- 7.5 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	44K0G1D-- -9.0 DBW -55.5 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	36M0F9W-- 7.5 DBW -55.5 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	18M0F9W-- 7.5 DBW -55.5 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	50M0G7W-- 21.5 DBW -55.5 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	36M0G7W-- 20.1 DBW -55.5 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	22M0G7W-- 17.9 DBW -55.5 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	

12.57500	G	50000	KHZ	18M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0008	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.57500	G	50000	KHZ	50M0G7W--	21.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0008	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.57500	G	50000	KHZ	36M0G7W--	20.1	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0008	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.57500	G	50000	KHZ	22M0G7W--	17.9	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0008	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.57500	G	50000	KHZ	6M00G7W--	12.3	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0008	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.57500	G	50000	KHZ	2M00G7W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0008	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.57500	G	50000	KHZ	44K0G1D--	-9.0	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0008	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	36M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	18M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	50M0G7W--	21.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	36M0G7W--	20.1	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	22M0G7W--	17.9	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	6M00G7W--	12.3	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	2M00G7W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.62500	G	50000	KHZ	44K0G1D--	-9.0	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0009	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.67500	G	50000	KHZ	36M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0010	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.67500	G	50000	KHZ	18M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0010	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.67500	G	50000	KHZ	50M0G7W--	21.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0010	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.67500	G	50000	KHZ	36M0G7W--	20.1	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0010	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ
12.67500	G	50000	KHZ	22M0G7W--	17.9	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0010	
	(7)	RR	21.16	FIXED-SATELLITE											REF. BW	0.004	MHZ

12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0F9W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	18M0F9W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	50M0G7W-- FIXED-SATELLITE	21.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0G7W-- FIXED-SATELLITE	20.1 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	22M0G7W-- FIXED-SATELLITE	17.9 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	6M00G7W-- FIXED-SATELLITE	12.3 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	2M00G7W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	44K0G1D-- FIXED-SATELLITE	-9.0 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0003
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0F9W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	18M0F9W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	50M0G7W-- FIXED-SATELLITE	21.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0G7W-- FIXED-SATELLITE	20.1 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	22M0G7W-- FIXED-SATELLITE	17.9 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	6M00G7W-- FIXED-SATELLITE	12.3 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	2M00G7W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	44K0G1D-- FIXED-SATELLITE	-9.0 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0004
12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0F9W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0005
12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	18M0F9W-- FIXED-SATELLITE	7.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0005
12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	50M0G7W-- FIXED-SATELLITE	21.5 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0005
12.42500	REGION 3 G 50000 KHZ	36M0G7W-- FIXED-SATELLITE	20.1 DBW -55.5 DBW/HZ	085E17 20N34 IND	44.0 -138.8	9.2 -148.0	0.004 MHZ	0005

		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 36M0G7W-- 20.1 DBW -55.5 DBW/HZ					0010
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 22M0G7W-- 17.9 DBW -55.5 DBW/HZ					0010
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 6M00G7W-- 12.3 DBW -55.5 DBW/HZ					0010
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 2M00G7W-- 7.5 DBW -55.5 DBW/HZ					0010
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 44K0G1D-- -9.0 DBW -55.5 DBW/HZ					0010
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
EC		50000 KHZ 27.03.02					102.608532
12.22500	G	50000 KHZ 36M0F9W-- 7.5 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.22500	G	50000 KHZ 18M0F9W-- 7.5 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.22500	G	50000 KHZ 50M0G7W-- 21.5 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.22500	G	50000 KHZ 36M0G7W-- 20.1 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.22500	G	50000 KHZ 22M0G7W-- 17.9 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.22500	G	50000 KHZ 6M00G7W-- 12.3 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.22500	G	50000 KHZ 2M00G7W-- 7.5 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.22500	G	50000 KHZ 44K0G1D-- -9.0 DBW -55.5 DBW/HZ					0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.27500	G	50000 KHZ 36M0F9W-- 7.5 DBW -55.5 DBW/HZ					0002
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.27500	G	50000 KHZ 18M0F9W-- 7.5 DBW -55.5 DBW/HZ					0002
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.27500	G	50000 KHZ 50M0G7W-- 21.5 DBW -55.5 DBW/HZ					0002
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.27500	G	50000 KHZ 36M0G7W-- 20.1 DBW -55.5 DBW/HZ					0002
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.27500	G	50000 KHZ 22M0G7W-- 17.9 DBW -55.5 DBW/HZ					0002
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.27500	G	50000 KHZ 6M00G7W-- 12.3 DBW -55.5 DBW/HZ					0002
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		

12.42500	G	50000	KHZ	50M0G7W--	21.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.42500	G	50000	KHZ	36M0G7W--	20.1	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.42500	G	50000	KHZ	22M0G7W--	17.9	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.42500	G	50000	KHZ	6M00G7W--	12.3	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.42500	G	50000	KHZ	2M00G7W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.42500	G	50000	KHZ	44K0G1D--	-9.0	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	36M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	18M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	50M0G7W--	21.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	36M0G7W--	20.1	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	22M0G7W--	17.9	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	6M00G7W--	12.3	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	2M00G7W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.47500	G	50000	KHZ	44K0G1D--	-9.0	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 3												
12.52500	G	50000	KHZ	36M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3												
12.52500	G	50000	KHZ	18M0F9W--	7.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3												
12.52500	G	50000	KHZ	50M0G7W--	21.5	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3												
12.52500	G	50000	KHZ	36M0G7W--	20.1	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3												
12.52500	G	50000	KHZ	22M0G7W--	17.9	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE								
				REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3												
12.52500	G	50000	KHZ	6M00G7W--	12.3	DBW	-55.5	DBW/HZ	085E17	20N34	IND	44.0	-138.8	9.2	-148.0	0007

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	36M0G7W--	20.1 DBW -55.5 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	22M0G7W--	17.9 DBW -55.5 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	6M00G7W--	12.3 DBW -55.5 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	2M00G7W--	7.5 DBW -55.5 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.32500	G 50000	KHZ	44K0G1D--	-9.0 DBW -55.5 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	50M0G7W--	21.5 DBW -55.5 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	36M0G7W--	20.1 DBW -55.5 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	22M0G7W--	17.9 DBW -55.5 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	6M00G7W--	12.3 DBW -55.5 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	2M00G7W--	7.5 DBW -55.5 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.37500	G 50000	KHZ	44K0G1D--	-9.0 DBW -55.5 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	50M0G7W--	21.5 DBW -55.5 DBW/HZ						0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	36M0G7W--	20.1 DBW -55.5 DBW/HZ						0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	22M0G7W--	17.9 DBW -55.5 DBW/HZ						0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	6M00G7W--	12.3 DBW -55.5 DBW/HZ						0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	2M00G7W--	7.5 DBW -55.5 DBW/HZ						0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.42500	G 50000	KHZ	44K0G1D--	-9.0 DBW -55.5 DBW/HZ						0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.47500	G 50000	KHZ	50M0G7W--	21.5 DBW -55.5 DBW/HZ						0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	
12.47500	G 50000	KHZ	36M0G7W--	20.1 DBW -55.5 DBW/HZ						0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			085E17 20N34	IND	44.0	-138.8	9.2	-148.0	

		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.62500	G	50000 KHZ 2M00G7W-- 7.5 DBW -55.5 DBW/HZ				0009	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.62500	G	50000 KHZ 44K0G1D-- -9.0 DBW -55.5 DBW/HZ				0009	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 50M0G7W-- 21.5 DBW -55.5 DBW/HZ				0010	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 36M0G7W-- 20.1 DBW -55.5 DBW/HZ				0010	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 22M0G7W-- 17.9 DBW -55.5 DBW/HZ				0010	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 6M00G7W-- 12.3 DBW -55.5 DBW/HZ				0010	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 2M00G7W-- 7.5 DBW -55.5 DBW/HZ				0010	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.67500	G	50000 KHZ 44K0G1D-- -9.0 DBW -55.5 DBW/HZ				0010	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
EK		4000 KHZ 27.03.02				102.608535	
12.20200	G	4000 KHZ 25K0N0N-- -10.0 DBW -54.0 DBW/HZ				0001	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -137.3	10.7 -148.0		
12.25200	G	4000 KHZ 25K0N0N-- -10.0 DBW -54.0 DBW/HZ				0002	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -137.3	10.7 -148.0		
12.49800	G	4000 KHZ 25K0N0N-- -10.0 DBW -54.0 DBW/HZ				0003	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 3	085E17 20N34 IND	44.0 -137.3	10.7 -148.0		
12.50200	G	4000 KHZ 25K0N0N-- -10.0 DBW -54.0 DBW/HZ				0004	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -137.3	10.7 -148.0		
12.50200	G	4000 KHZ 25K0N0N-- -10.0 DBW -54.0 DBW/HZ				0004	
	(7) RR 21.16	BROADCASTING-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496	080E13 42N14 KGZ	40.0 -141.2	6.4 -147.6		
EC		50000 KHZ 27.03.02				102.643615	
12.72500	G	50000 KHZ 36M0F9W-- 7.5 DBW -55.5 DBW/HZ				0001	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.72500	G	50000 KHZ 18M0F9W-- 7.5 DBW -55.5 DBW/HZ				0001	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.72500	G	50000 KHZ 50M0G7W-- 21.5 DBW -55.5 DBW/HZ				0001	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.72500	G	50000 KHZ 36M0G7W-- 20.1 DBW -55.5 DBW/HZ				0001	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.72500	G	50000 KHZ 22M0G7W-- 17.9 DBW -55.5 DBW/HZ				0001	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	085E17 20N34 IND	44.0 -138.8	9.2 -148.0		
12.72500	G	50000 KHZ 6M00G7W-- 12.3 DBW -55.5 DBW/HZ				0001	
	(7) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		

KUDR 44.0 DB POINTING ACC 0.10 DEG

EK 4000 KHZ 27.03.02
 10.95200 G 4000 KHZ 25KONON-- -10.0 DBW -54.0 DBW/HZ
 (6) RR 21.16 FIXED-SATELLITE
 ALL WORLD 066W08 11N49 VEN
 11.19800 G 4000 KHZ 25KONON-- -10.0 DBW -54.0 DBW/HZ
 (6) RR 21.16 FIXED-SATELLITE
 ALL WORLD 066W08 11N49 VEN
 11.45200 G 4000 KHZ 25KONON-- -10.0 DBW -54.0 DBW/HZ
 (6) RR 21.16 FIXED-SATELLITE
 ALL WORLD 066W08 11N49 VEN
 11.69800 G 4000 KHZ 25KONON-- -10.0 DBW -54.0 DBW/HZ
 (6) RR 21.16 FIXED-SATELLITE
 ALL WORLD 066W08 11N49 VEN

102.520047

102.608560
 0001 REF. BW 0.004 MHZ
 44.0 -137.3 12.7 -150.0
 0002 REF. BW 0.004 MHZ
 44.0 -137.3 12.7 -150.0
 0003 REF. BW 0.004 MHZ
 44.0 -137.3 12.7 -150.0
 0004 REF. BW 0.004 MHZ
 44.0 -137.3 12.7 -150.0

□ **PROGRAM SNSBPFD TERMINATED OK.**