

START OF JOB SNSBPFD 22.12.03 11.10.03 VERSION 4.17 101520270 H ng 01N
 COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for INTELSAT N KU 243.1E (101520270)** EXAMINATION REQUESTED BY : ng DATE: 22/12/03 11:10:03

G	INTELSAT N KU 243.1E 116.90W 0.10 0.10	16.08.01	101.520270	
S10	44.4 DB POINTING ACC 0.10 DEG		101.520270	
EC	50000 KHZ 16.08.01		101.616440	
13.77500	G 50000 KHZ 36M0F8W-- 14.0 DBW (MIN) 32.8 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD T09	54.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	85.8	14.8 71.0	
13.77500	G 50000 KHZ 5M00F8W-- 14.0 DBW (MIN) 18.4 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD T09	54.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	72.4	1.4 71.0	
13.77500	G 50000 KHZ 30M0FXW-- 14.0 DBW (MIN) 21.0 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD T09	54.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	75.0	4.0 71.0	
13.77500	G 50000 KHZ 35M9G7W-- 14.0 DBW (MIN) 38.0 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD T09	54.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	85.8	14.8 71.0	
13.77500	G 50000 KHZ 6M87G7W-- 14.0 DBW (MIN) 30.8 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD T09	54.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	84.8	13.8 71.0	
13.77500	G 50000 KHZ 32M2G7W-- 14.0 DBW (MIN) 37.6 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD T09	54.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	85.8	14.8 71.0	
EC	50000 KHZ 16.08.01		101.616442	
13.77500	G 50000 KHZ 36M0F8W-- 3.0 DBW (MIN) 29.8 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	93.8	22.8 71.0	
13.77500	G 50000 KHZ 1M25F8W-- 3.0 DBW (MIN) 13.9 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	78.9	7.9 71.0	
13.77500	G 50000 KHZ 30M0FXW-- 3.0 DBW (MIN) 21.0 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	86.0	15.0 71.0	
13.77500	G 50000 KHZ 35M9G7W-- 3.0 DBW (MIN) 35.0 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	93.8	22.8 71.0	
13.77500	G 50000 KHZ 6M87G7W-- 3.0 DBW (MIN) 27.8 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	92.8	21.8 71.0	
13.77500	G 50000 KHZ 32M2G7W-- 3.0 DBW (MIN) 34.6 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	93.8	22.8 71.0	
13.77500	G 50000 KHZ 67K5G7W-- 3.0 DBW (MIN) 7.3 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	72.3	1.3 71.0	
13.77500	G 50000 KHZ 113KG7W-- 3.0 DBW (MIN) 9.3 DBW (MAX)	-39.0 DBW/HZ		0001
	(5) 5.503 STANDARD C	65.0 REC-465	OVERLAP 6.000 MHZ	
	ALL WORLD	74.3	3.3 71.0	
EC	50000 KHZ 16.08.01		101.616444	
13.77500	G 50000 KHZ 36M0F8W-- 5.7 DBW (MIN) 32.8 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD C1	62.3 REC-580	OVERLAP 6.000 MHZ	
	ALL WORLD	94.1	23.1 71.0	
13.77500	G 50000 KHZ 5M00F8W-- 5.7 DBW (MIN) 18.4 DBW (MAX)	-36.0 DBW/HZ		0001
	(5) 5.503 STANDARD C1	62.3 REC-580	OVERLAP 6.000 MHZ	
	ALL WORLD	80.7	9.7 71.0	
13.77500	G 50000 KHZ 1M25F8W-- 5.7 DBW (MIN) 16.9 DBW (MAX)	-36.0 DBW/HZ		0001

	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD						79.2	8.2	71.0		
13.77500	G	50000	KHZ	30M0FXW--	5.7 DBW (MIN) 21.0 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							12.3	71.0		
13.77500	G	50000	KHZ	35M9G7W--	5.7 DBW (MIN) 38.0 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							23.1	71.0		
13.77500	G	50000	KHZ	6M87G7W--	5.7 DBW (MIN) 30.8 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							22.1	71.0		
13.77500	G	50000	KHZ	32M2G7W--	5.7 DBW (MIN) 37.6 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							23.1	71.0		
13.77500	G	50000	KHZ	67K5G7W--	5.7 DBW (MIN) 10.3 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							1.6	71.0		
13.77500	G	50000	KHZ	113KG7W--	5.7 DBW (MIN) 12.3 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							3.6	71.0		
								74.6			

S20		38.4 DB POINTING ACC 0.10 DEG				101.520270			
EC		50000 KHZ	16.08.01						101.616448
	13.77500	G 50000 KHZ	36M0F8W--	14.0 DBW (MIN)	32.8 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD T09	54.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				85.8	14.8	71.0	
	13.77500	G 50000 KHZ	5M00F8W--	14.0 DBW (MIN)	18.4 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD T09	54.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				72.4	1.4	71.0	
	13.77500	G 50000 KHZ	30M0FXW--	14.0 DBW (MIN)	21.0 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD T09	54.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				75.0	4.0	71.0	
	13.77500	G 50000 KHZ	35M9G7W--	14.0 DBW (MIN)	38.0 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD T09	54.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				85.8	14.8	71.0	
	13.77500	G 50000 KHZ	6M87G7W--	14.0 DBW (MIN)	30.8 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD T09	54.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				84.8	13.8	71.0	
	13.77500	G 50000 KHZ	32M2G7W--	14.0 DBW (MIN)	37.6 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD T09	54.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				85.8	14.8	71.0	
EC		50000 KHZ	16.08.01						101.616450
	13.77500	G 50000 KHZ	36M0F8W--	3.0 DBW (MIN)	29.8 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				93.8	22.8	71.0	
	13.77500	G 50000 KHZ	1M25F8W--	3.0 DBW (MIN)	13.9 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				78.9	7.9	71.0	
	13.77500	G 50000 KHZ	30M0FXW--	3.0 DBW (MIN)	21.0 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				86.0	15.0	71.0	
	13.77500	G 50000 KHZ	35M9G7W--	3.0 DBW (MIN)	35.0 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				93.8	22.8	71.0	
	13.77500	G 50000 KHZ	6M87G7W--	3.0 DBW (MIN)	27.8 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				92.8	21.8	71.0	
	13.77500	G 50000 KHZ	32M2G7W--	3.0 DBW (MIN)	34.6 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				93.8	22.8	71.0	
	13.77500	G 50000 KHZ	67K5G7W--	3.0 DBW (MIN)	7.3 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				72.3	1.3	71.0	
	13.77500	G 50000 KHZ	113KG7W--	3.0 DBW (MIN)	9.3 DBW (MAX)	-39.0 DBW/HZ			0001
		(5) 5.503			STANDARD C	65.0 REC-465	OVERLAP	6.000 MHZ	
		ALL WORLD				74.3	3.3	71.0	
EC		50000 KHZ	16.08.01						101.616452
	13.77500	G 50000 KHZ	36M0F8W--	5.7 DBW (MIN)	32.8 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD C1	62.3 REC-580	OVERLAP	6.000 MHZ	
		ALL WORLD				94.1	23.1	71.0	
	13.77500	G 50000 KHZ	5M00F8W--	5.7 DBW (MIN)	18.4 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD C1	62.3 REC-580	OVERLAP	6.000 MHZ	
		ALL WORLD				80.7	9.7	71.0	
	13.77500	G 50000 KHZ	1M25F8W--	5.7 DBW (MIN)	16.9 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD C1	62.3 REC-580	OVERLAP	6.000 MHZ	
		ALL WORLD				79.2	8.2	71.0	
	13.77500	G 50000 KHZ	30M0FXW--	5.7 DBW (MIN)	21.0 DBW (MAX)	-36.0 DBW/HZ			0001
		(5) 5.503			STANDARD C1	62.3 REC-580	OVERLAP	6.000 MHZ	
		ALL WORLD				83.3	12.3	71.0	
	13.77500	G 50000 KHZ	35M9G7W--	5.7 DBW (MIN)	38.0 DBW (MAX)	-36.0 DBW/HZ			0001

	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD						94.1	23.1	71.0		
13.77500	G	50000	KHZ	6M87G7W--	5.7 DBW (MIN) 30.8 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD						93.1	22.1	71.0		
13.77500	G	50000	KHZ	32M2G7W--	5.7 DBW (MIN) 37.6 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD						94.1	23.1	71.0		
13.77500	G	50000	KHZ	67K5G7W--	5.7 DBW (MIN) 10.3 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD						72.6	1.6	71.0		
13.77500	G	50000	KHZ	113KG7W--	5.7 DBW (MIN) 12.3 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD						74.6	3.6	71.0		

S30		32.4 DB POINTING ACC 0.10 DEG			101.520270		
EC		50000 KHZ	16.08.01				101.616456
13.77500	G	50000 KHZ	36M0F8W--	14.0 DBW (MIN)	32.8 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD T09	54.0 REC-465	
	ALL	WORLD				85.8	
						OVERLAP	6.000 MHZ
						14.8	71.0
13.77500	G	50000 KHZ	5M00F8W--	14.0 DBW (MIN)	18.4 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD T09	54.0 REC-465	
	ALL	WORLD				72.4	
						OVERLAP	6.000 MHZ
						1.4	71.0
13.77500	G	50000 KHZ	30M0FXW--	14.0 DBW (MIN)	21.0 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD T09	54.0 REC-465	
	ALL	WORLD				75.0	
						OVERLAP	6.000 MHZ
						4.0	71.0
13.77500	G	50000 KHZ	35M9G7W--	14.0 DBW (MIN)	38.0 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD T09	54.0 REC-465	
	ALL	WORLD				85.8	
						OVERLAP	6.000 MHZ
						14.8	71.0
13.77500	G	50000 KHZ	6M87G7W--	14.0 DBW (MIN)	30.8 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD T09	54.0 REC-465	
	ALL	WORLD				84.8	
						OVERLAP	6.000 MHZ
						13.8	71.0
13.77500	G	50000 KHZ	32M2G7W--	14.0 DBW (MIN)	37.6 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD T09	54.0 REC-465	
	ALL	WORLD				85.8	
						OVERLAP	6.000 MHZ
						14.8	71.0
EC		50000 KHZ	16.08.01				101.616458
13.77500	G	50000 KHZ	36M0F8W--	3.0 DBW (MIN)	29.8 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				93.8	
						OVERLAP	6.000 MHZ
						22.8	71.0
13.77500	G	50000 KHZ	1M25F8W--	3.0 DBW (MIN)	13.9 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				78.9	
						OVERLAP	6.000 MHZ
						7.9	71.0
13.77500	G	50000 KHZ	30M0FXW--	3.0 DBW (MIN)	21.0 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				86.0	
						OVERLAP	6.000 MHZ
						15.0	71.0
13.77500	G	50000 KHZ	35M9G7W--	3.0 DBW (MIN)	35.0 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				93.8	
						OVERLAP	6.000 MHZ
						22.8	71.0
13.77500	G	50000 KHZ	6M87G7W--	3.0 DBW (MIN)	27.8 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				92.8	
						OVERLAP	6.000 MHZ
						21.8	71.0
13.77500	G	50000 KHZ	32M2G7W--	3.0 DBW (MIN)	34.6 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				93.8	
						OVERLAP	6.000 MHZ
						22.8	71.0
13.77500	G	50000 KHZ	67K5G7W--	3.0 DBW (MIN)	7.3 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				72.3	
						OVERLAP	6.000 MHZ
						1.3	71.0
13.77500	G	50000 KHZ	113KG7W--	3.0 DBW (MIN)	9.3 DBW (MAX)	-39.0 DBW/HZ	0001
	(5)	5.503			STANDARD C	65.0 REC-465	
	ALL	WORLD				74.3	
						OVERLAP	6.000 MHZ
						3.3	71.0
EC		50000 KHZ	16.08.01				101.616460
13.77500	G	50000 KHZ	36M0F8W--	5.7 DBW (MIN)	32.8 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD C1	62.3 REC-580	
	ALL	WORLD				94.1	
						OVERLAP	6.000 MHZ
						23.1	71.0
13.77500	G	50000 KHZ	5M00F8W--	5.7 DBW (MIN)	18.4 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD C1	62.3 REC-580	
	ALL	WORLD				80.7	
						OVERLAP	6.000 MHZ
						9.7	71.0
13.77500	G	50000 KHZ	1M25F8W--	5.7 DBW (MIN)	16.9 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD C1	62.3 REC-580	
	ALL	WORLD				79.2	
						OVERLAP	6.000 MHZ
						8.2	71.0
13.77500	G	50000 KHZ	30M0FXW--	5.7 DBW (MIN)	21.0 DBW (MAX)	-36.0 DBW/HZ	0001
	(5)	5.503			STANDARD C1	62.3 REC-580	
	ALL	WORLD				83.3	
						OVERLAP	6.000 MHZ
						12.3	71.0
13.77500	G	50000 KHZ	35M9G7W--	5.7 DBW (MIN)	38.0 DBW (MAX)	-36.0 DBW/HZ	0001

	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD						94.1	23.1	71.0		
13.77500	G	50000	KHZ	6M87G7W--	5.7 DBW (MIN) 30.8 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							22.1	71.0		
13.77500	G	50000	KHZ	32M2G7W--	5.7 DBW (MIN) 37.6 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							23.1	71.0		
13.77500	G	50000	KHZ	67K5G7W--	5.7 DBW (MIN) 10.3 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							1.6	71.0		
13.77500	G	50000	KHZ	113KG7W--	5.7 DBW (MIN) 12.3 DBW (MAX)	-36.0	DBW/HZ				0001
	(5) 5.503				STANDARD C1	62.3	REC-580	OVERLAP	6.000	MHZ	
	ALL WORLD							3.6	71.0		
								74.6			

S10

44.4 DB POINTING ACC 0.10 DEG

101.520270

EC	50000 KHZ	16.08.01							101.616467
10.97500	G	50000 KHZ	36M0F8W--	11.2 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
10.97500	G	50000 KHZ	1M25F8W--	-4.7 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
10.97500	G	50000 KHZ	30M0FXW--	8.4 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
10.97500	G	50000 KHZ	35M9G7W--	16.4 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
10.97500	G	50000 KHZ	6M87G7W--	9.2 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
10.97500	G	50000 KHZ	32M2G7W--	16.0 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
10.97500	G	50000 KHZ	67K5G7W--	-11.3 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
10.97500	G	50000 KHZ	113KG7W--	-9.3 DBW	-57.6 DBW/HZ				0001
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	36M0F8W--	11.2 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	1M25F8W--	-4.7 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	30M0FXW--	8.4 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	35M9G7W--	16.4 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	6M87G7W--	9.2 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	32M2G7W--	16.0 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	67K5G7W--	-11.3 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.02500	G	50000 KHZ	113KG7W--	-9.3 DBW	-57.6 DBW/HZ				0002
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.07500	G	50000 KHZ	36M0F8W--	11.2 DBW	-57.6 DBW/HZ				0003
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.07500	G	50000 KHZ	1M25F8W--	-4.7 DBW	-57.6 DBW/HZ				0003
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	
11.07500	G	50000 KHZ	30M0FXW--	8.4 DBW	-57.6 DBW/HZ				0003
	(6)	RR 21.16	FIXED-SATELLITE						
	ALL WORLD					172E05 43S28 NZL	41.4 -143.5	REF. BW 0.004 MHZ	
								6.5 -150.0	

	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.57500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ					0008
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.57500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ					0008
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.57500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ					0008
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.57500	G 50000 KHZ	67K5G7W--	-11.3 DBW -57.6 DBW/HZ					0008
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.57500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ					0008
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	36M0F8W--	11.2 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	1M25F8W--	-4.7 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	67K5G7W--	-11.3 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.62500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ					0009
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.67500	G 50000 KHZ	36M0F8W--	11.2 DBW -57.6 DBW/HZ					0010
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.67500	G 50000 KHZ	1M25F8W--	-4.7 DBW -57.6 DBW/HZ					0010
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.67500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ					0010
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.67500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ					0010
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.67500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ					0010
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		
11.67500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ					0010
	(6) RR 21.16		FIXED-SATELLITE				REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4 -143.5	6.5 -150.0		

	11.67500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ				0010
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.67500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
EC			50000	KHZ	16.08.01								101.616468
	10.97500	G	50000	KHZ	36M0F8W--	11.2	DBW	-57.6	DBW/HZ				0001
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	5M00F8W--	-3.2	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	1M25F8W--	-4.7	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	10.97500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	36M0F8W--	11.2	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	5M00F8W--	-3.2	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	1M25F8W--	-4.7	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ			6.5	-150.0
		(6)	RR	21.16			FIXED-SATELLITE					REF. BW	0.004
		ALL	WORLD						172E05	43S28	NZL	41.4	-143.5
	11.02500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ			6.5	-150.0
													0002

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	36M0F8W--	11.2 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	5M00F8W--	-3.2 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	1M25F8W--	-4.7 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	67K5G7W--	-11.3 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	36M0F8W--	11.2 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	5M00F8W--	-3.2 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	1M25F8W--	-4.7 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	67K5G7W--	-11.3 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	36M0F8W--	11.2 DBW -57.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	

11.17500	G	50000	KHZ	5M00F8W--	-3.2	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.17500	G	50000	KHZ	1M25F8W--	-4.7	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.17500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.17500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.17500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.17500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.17500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.17500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ												0005
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	36M0F8W--	11.2	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	5M00F8W--	-3.2	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	1M25F8W--	-4.7	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.47500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ												0006
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.52500	G	50000	KHZ	36M0F8W--	11.2	DBW	-57.6	DBW/HZ												0007
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.52500	G	50000	KHZ	5M00F8W--	-3.2	DBW	-57.6	DBW/HZ												0007
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	
11.52500	G	50000	KHZ	1M25F8W--	-4.7	DBW	-57.6	DBW/HZ												0007
	(6)	RR	21.16						FIXED-SATELLITE											
				ALL WORLD						172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	REF. BW	0.004	MHZ	

	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	ALL WORLD			172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.62500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ				0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.62500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ				0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.62500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ				0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.62500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ				0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	36M0F8W--	11.2	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	5M00F8W--	-3.2	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	1M25F8W--	-4.7	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
11.67500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ				0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	ALL WORLD			172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
EC	50000	KHZ	16.08.01									101.616469
10.97500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ				0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
10.97500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ				0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
10.97500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ				0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
10.97500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ				0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
10.97500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ				0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
10.97500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ				0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	67K5G7W--	-11.3 DBW -57.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	67K5G7W--	-11.3 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	32M2G7W--	16.0 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	67K5G7W--	-11.3 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	

11.57500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ						0008			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.57500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ						0008			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.57500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ						0008			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.62500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ						0009			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.62500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ						0009			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.62500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ						0009			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.62500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ						0009			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.62500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ						0009			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.62500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ						0009			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.67500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ						0010			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.67500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ						0010			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.67500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ						0010			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.67500	G	50000	KHZ	32M2G7W--	16.0	DBW	-57.6	DBW/HZ						0010			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.67500	G	50000	KHZ	67K5G7W--	-11.3	DBW	-57.6	DBW/HZ						0010			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.67500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ						0010			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
EC		50000	KHZ	16.08.01										101.616470			
10.97500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ						0001			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
10.97500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ						0001			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.02500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ						0002			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.02500	G	50000	KHZ	6M87G7W--	9.2	DBW	-57.6	DBW/HZ						0002			
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD								172E05	43S28	NZL	41.4	-143.5	6.5	-150.0		
11.07500	G	50000	KHZ	35M9G7W--	16.4	DBW	-57.6	DBW/HZ						0003			

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.47500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.67500	G 50000 KHZ	35M9G7W--	16.4 DBW -57.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.67500	G 50000 KHZ	6M87G7W--	9.2 DBW -57.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
EC	50000 KHZ	16.08.01								101.616471
10.97500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
10.97500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.02500	G 50000 KHZ	30M0FXW--	8.4 DBW -57.6 DBW/HZ							0002
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	41.4	-143.5			6.5 -150.0	
11.02500	G 50000 KHZ	113KG7W--	-9.3 DBW -57.6 DBW/HZ							0002
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	

11.07500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0003
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0003
11.07500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0003
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0004
11.12500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0004
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0004
11.12500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0004
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0005
11.17500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0005
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0005
11.17500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0005
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0006
11.47500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0006
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0006
11.47500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0006
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0007
11.52500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0007
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0007
11.52500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0007
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0008
11.57500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0008
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0008
11.57500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0008
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0009
11.62500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0009
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0009
11.62500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0009
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0010
11.67500	G	50000	KHZ	30M0FXW--	8.4	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0010
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0010
11.67500	G	50000	KHZ	113KG7W--	-9.3	DBW	-57.6	DBW/HZ	172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0010
	(6)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
				ALL WORLD					172E05	43S28	NZL	41.4	-143.5	6.5	-150.0	0010

S13

44.4 DB POINTING ACC 0.10 DEG

101.520270

EC	50000 KHZ	16.08.01							101.616480
12.22500	G	50000 KHZ	36M0F8W--	13.1 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	1M25F8W--	-2.8 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	35M9G7W--	18.3 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	6M87G7W--	11.1 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	32M2G7W--	17.9 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	67K5G7W--	-9.4 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	36M0F8W--	13.1 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	1M25F8W--	-2.8 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	35M9G7W--	18.3 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	6M87G7W--	11.1 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	32M2G7W--	17.9 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	67K5G7W--	-9.4 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	36M0F8W--	13.1 DBW	-55.7 DBW/HZ				0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	1M25F8W--	-2.8 DBW	-55.7 DBW/HZ				0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	

12.32500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ				0003
	(7) RR	21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ
12.32500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0003
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.32500	G	50000	KHZ	32M2G7W--	17.9	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0003
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.32500	G	50000	KHZ	67K5G7W--	-9.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0003
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.32500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0003
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	36M0F8W--	13.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	32M2G7W--	17.9	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	67K5G7W--	-9.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.37500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0004
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.42500	G	50000	KHZ	36M0F8W--	13.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0005
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.42500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0005
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.42500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0005
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.42500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0005
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.42500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0005
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.42500	G	50000	KHZ	32M2G7W--	17.9	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0005
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0
12.42500	G	50000	KHZ	67K5G7W--	-9.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	0005
	(7) RR	21.16		FIXED-SATELLITE					41.4	-141.6	6.4	-148.0

12.42500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	36M0F8W--	13.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	32M2G7W--	17.9	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	67K5G7W--	-9.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	36M0F8W--	13.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	32M2G7W--	17.9	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	67K5G7W--	-9.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.57500	G	50000	KHZ	36M0F8W--	13.1	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.57500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.57500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ	167E20	20S56	NCL	41.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	

	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	36M0F8W--	13.1 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	5M00F8W--	-1.3 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	1M25F8W--	-2.8 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	30M0FXW--	7.3 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	32M2G7W--	17.9 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	67K5G7W--	-9.4 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	113KG7W--	-7.4 DBW -55.7 DBW/HZ						0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	36M0F8W--	13.1 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	5M00F8W--	-1.3 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	1M25F8W--	-2.8 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	30M0FXW--	7.3 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	32M2G7W--	17.9 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	67K5G7W--	-9.4 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	113KG7W--	-7.4 DBW -55.7 DBW/HZ						0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.42500	G 50000 KHZ	36M0F8W--	13.1 DBW -55.7 DBW/HZ						0005
	(7) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	

12.42500	G	50000	KHZ	5M00F8W--	-1.3	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	32M2G7W--	17.9	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	67K5G7W--	-9.4	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ						0005
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	36M0F8W--	13.1	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	5M00F8W--	-1.3	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	32M2G7W--	17.9	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	67K5G7W--	-9.4	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ						0006
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 3								167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.52500	G	50000	KHZ	36M0F8W--	13.1	DBW	-55.7	DBW/HZ						0007
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 1	CTYS	OF 5.494	AND 5.496	AND	REGION 3			167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.52500	G	50000	KHZ	5M00F8W--	-1.3	DBW	-55.7	DBW/HZ						0007
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ
	REGION 1	CTYS	OF 5.494	AND 5.496	AND	REGION 3			167E20	20S56	NCL	41.4	-141.6	6.4 -148.0
12.52500	G	50000	KHZ	1M25F8W--	-2.8	DBW	-55.7	DBW/HZ						0007
	(7)	RR	21.16	FIXED-SATELLITE								REF. BW	0.004	MHZ

	(7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.62500	G 50000 KHZ 6M87G7W--	11.1 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.62500	G 50000 KHZ 32M2G7W--	17.9 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.62500	G 50000 KHZ 67K5G7W--	-9.4 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.62500	G 50000 KHZ 113KG7W--	-7.4 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 36M0F8W--	13.1 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 5M00F8W--	-1.3 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 1M25F8W--	-2.8 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 30M0FXW--	7.3 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 35M9G7W--	18.3 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 6M87G7W--	11.1 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 32M2G7W--	17.9 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 67K5G7W--	-9.4 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.67500	G 50000 KHZ 113KG7W--	-7.4 DBW -55.7 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	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
EC	50000 KHZ 16.08.01							101.616482
12.22500	G 50000 KHZ 30M0FXW--	7.3 DBW -55.7 DBW/HZ						0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ		
	REGION 3	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.22500	G 50000 KHZ 35M9G7W--	18.3 DBW -55.7 DBW/HZ						0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ		
	REGION 3	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.22500	G 50000 KHZ 6M87G7W--	11.1 DBW -55.7 DBW/HZ						0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ		
	REGION 3	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.22500	G 50000 KHZ 32M2G7W--	17.9 DBW -55.7 DBW/HZ						0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ		
	REGION 3	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.22500	G 50000 KHZ 67K5G7W--	-9.4 DBW -55.7 DBW/HZ						0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ		
	REGION 3	167E20 20S56 NCL	41.4	-141.6	6.4	-148.0		
12.22500	G 50000 KHZ 113KG7W--	-7.4 DBW -55.7 DBW/HZ						0001
	(7) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ		

12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 7.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 18.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 11.1 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 17.9 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -9.4 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -7.4 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 7.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 18.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 11.1 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 17.9 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -9.4 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -7.4 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 7.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 18.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 11.1 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 17.9 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -9.4 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -7.4 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 7.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0005
12.42500	REGION 3 G 50000 KHZ	35M9G7W-- 18.3 DBW FIXED-SATELLITE	167E20 20S56 NCL -55.7 DBW/HZ	41.4 -141.6	6.4 -148.0	0.004 MHZ	0005

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	32M2G7W--	17.9 DBW -55.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	67K5G7W--	-9.4 DBW -55.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	113KG7W--	-7.4 DBW -55.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	30M0FXW--	7.3 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	32M2G7W--	17.9 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	67K5G7W--	-9.4 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	113KG7W--	-7.4 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	30M0FXW--	7.3 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	32M2G7W--	17.9 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	67K5G7W--	-9.4 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	113KG7W--	-7.4 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	30M0FXW--	7.3 DBW -55.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E20 20S56 NCL	41.4	-141.6			6.4 -148.0	

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.32500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.37500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.42500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.42500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.47500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.47500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.52500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.52500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.57500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.57500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.62500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 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			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.62500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 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			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.67500	G 50000 KHZ	35M9G7W--	18.3 DBW -55.7 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			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.67500	G 50000 KHZ	6M87G7W--	11.1 DBW -55.7 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			167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
EC 12.22500	G 50000 KHZ	16.08.01								101.616484
	(7) RR 21.16		FIXED-SATELLITE							0001
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.22500	G 50000 KHZ	113KG7W--	-7.4 DBW -55.7 DBW/HZ							0001
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.27500	G 50000 KHZ	30M0FXW--	7.3 DBW -55.7 DBW/HZ							0002
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3				167E20 20S56 NCL	41.4	-141.6	6.4	-148.0	
12.27500	G 50000 KHZ	113KG7W--	-7.4 DBW -55.7 DBW/HZ							0002
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	

	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0003
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0003
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.37500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0004
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.37500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0004
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.42500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0005
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.42500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0005
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.47500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0006
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.47500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0006
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 3					167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.52500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0007
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 1 CTYS OF	5.494 AND 5.496 AND REGION 3				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.52500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0007
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 1 CTYS OF	5.494 AND 5.496 AND REGION 3				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.57500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 DBW/HZ				0008
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 1 CTYS OF	5.494 AND 5.496 AND REGION 3				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.57500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 DBW/HZ				0008
	(7) RR	21.16			FIXED-SATELLITE			REF. BW	0.004 MHZ
	REGION 1 CTYS OF	5.494 AND 5.496 AND REGION 3				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.62500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 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				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.62500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 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				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.67500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 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				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.67500	G	50000 KHZ	113KG7W--	-7.4 DBW	-55.7 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				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
EC		50000 KHZ	16.08.01						101.679625
12.72500	G	50000 KHZ	36M0F8W--	13.1 DBW	-55.7 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				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.72500	G	50000 KHZ	1M25F8W--	-2.8 DBW	-55.7 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				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	
12.72500	G	50000 KHZ	30M0FXW--	7.3 DBW	-55.7 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				167E20 20S56 NCL	41.4 -141.6	6.4 -148.0	

12.72500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	167E20	20S56	NCL		41.4	-141.6	REF. BW 0.004 MHZ	
											6.4 -148.0	
EC		50000	KHZ	16.08.01								101.679628
12.72500	G	50000	KHZ	35M9G7W--	18.3	DBW	-55.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	167E20	20S56	NCL		41.4	-141.6	REF. BW 0.004 MHZ	
											6.4 -148.0	
12.72500	G	50000	KHZ	6M87G7W--	11.1	DBW	-55.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	167E20	20S56	NCL		41.4	-141.6	REF. BW 0.004 MHZ	
											6.4 -148.0	
EC		50000	KHZ	16.08.01								101.679629
12.72500	G	50000	KHZ	30M0FXW--	7.3	DBW	-55.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	167E20	20S56	NCL		41.4	-141.6	REF. BW 0.004 MHZ	
											6.4 -148.0	
12.72500	G	50000	KHZ	113KG7W--	-7.4	DBW	-55.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	167E20	20S56	NCL		41.4	-141.6	REF. BW 0.004 MHZ	
											6.4 -148.0	

S20

38.4 DB POINTING ACC 0.10 DEG

101.520270

EC	50000 KHZ	16.08.01							101.616488
10.97500	G 50000 KHZ	36M0F8W--	17.2 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
10.97500	G 50000 KHZ	1M25F8W--	1.3 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
10.97500	G 50000 KHZ	30M0FXW--	14.4 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
10.97500	G 50000 KHZ	35M9G7W--	22.4 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
10.97500	G 50000 KHZ	6M87G7W--	15.2 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
10.97500	G 50000 KHZ	32M2G7W--	22.0 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
10.97500	G 50000 KHZ	67K5G7W--	-5.3 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
10.97500	G 50000 KHZ	113KG7W--	-3.3 DBW	-51.6 DBW/HZ					0001
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	36M0F8W--	17.2 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	1M25F8W--	1.3 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	30M0FXW--	14.4 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	35M9G7W--	22.4 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	6M87G7W--	15.2 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	32M2G7W--	22.0 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	67K5G7W--	-5.3 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.02500	G 50000 KHZ	113KG7W--	-3.3 DBW	-51.6 DBW/HZ					0002
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.07500	G 50000 KHZ	36M0F8W--	17.2 DBW	-51.6 DBW/HZ					0003
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.07500	G 50000 KHZ	1M25F8W--	1.3 DBW	-51.6 DBW/HZ					0003
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	
11.07500	G 50000 KHZ	30M0FXW--	14.4 DBW	-51.6 DBW/HZ					0003
	(6) RR 21.16	FIXED-SATELLITE							
	ALL WORLD				172E05 43S28 NZL	38.4 -140.5	REF. BW 0.004 MHZ	9.5 -150.0	

11.07500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ												0003
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.07500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ												0003
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.07500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ												0003
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.07500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ												0003
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.07500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ												0003
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	36M0F8W--	17.2	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.12500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ												0004
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.17500	G	50000	KHZ	36M0F8W--	17.2	DBW	-51.6	DBW/HZ												0005
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.17500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ												0005
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.17500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ												0005
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.17500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ												0005
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.17500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ												0005
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.17500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ												0005
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	
11.17500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ												0005
	(6)	RR	21.16																	
	ALL	WORLD							172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	REF.	BW	0.004	MHZ	

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	36M0F8W--	17.2 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	1M25F8W--	1.3 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	30M0FXW--	14.4 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	36M0F8W--	17.2 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	1M25F8W--	1.3 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	30M0FXW--	14.4 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	

EC	11.67500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ				0010
		(6)	RR	21.16									
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.67500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	36M0F8W--	17.2	DBW	-51.6	DBW/HZ				101.616489
		(6)	RR	21.16									0001
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	5M00F8W--	2.8	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	10.97500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	36M0F8W--	17.2	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	5M00F8W--	2.8	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
		(6)	RR	21.16								9.5 -150.0	
			ALL	WORLD						172E05	43S28	NZL	
													38.4 -140.5
	11.02500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ			REF. BW	0.004 MHZ
													0002

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	36M0F8W--	17.2 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	5M00F8W--	2.8 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	1M25F8W--	1.3 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	30M0FXW--	14.4 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.07500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	36M0F8W--	17.2 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	5M00F8W--	2.8 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	1M25F8W--	1.3 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	30M0FXW--	14.4 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.12500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.17500	G 50000 KHZ	36M0F8W--	17.2 DBW -51.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	

11.17500	G	50000	KHZ	5M00F8W--	2.8	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.17500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.17500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.17500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.17500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.17500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.17500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.17500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ									0005
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	36M0F8W--	17.2	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	5M00F8W--	2.8	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.47500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ									0006
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.52500	G	50000	KHZ	36M0F8W--	17.2	DBW	-51.6	DBW/HZ									0007
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.52500	G	50000	KHZ	5M00F8W--	2.8	DBW	-51.6	DBW/HZ									0007
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.52500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ									0007
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.52500	G	50000	KHZ	5M00F8W--	2.8	DBW	-51.6	DBW/HZ									0007
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	
11.52500	G	50000	KHZ	1M25F8W--	1.3	DBW	-51.6	DBW/HZ									0007
	(6)	RR	21.16	FIXED-SATELLITE													
	ALL WORLD									172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.62500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	36M0F8W--	17.2 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	5M00F8W--	2.8 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	1M25F8W--	1.3 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	30M0FXW--	14.4 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.67500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0010
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
EC	50000 KHZ	16.08.01								101.616490
10.97500	G 50000 KHZ	30M0FXW--	11.4 DBW -51.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
10.97500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
10.97500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
10.97500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
10.97500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
10.97500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0001
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.17500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.17500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.17500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.17500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.47500	G 50000 KHZ	30M0FXW--	11.4 DBW -51.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.47500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.47500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.47500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.47500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.47500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0006
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.52500	G 50000 KHZ	30M0FXW--	11.4 DBW -51.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.52500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.52500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.52500	G 50000 KHZ	32M2G7W--	22.0 DBW -51.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.52500	G 50000 KHZ	67K5G7W--	-5.3 DBW -51.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.52500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	30M0FXW--	11.4 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	
11.57500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5			9.5 -150.0	

11.57500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ															0008
	(6)	RR	21.16																				
	ALL WORLD																						
11.57500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ															0008
	(6)	RR	21.16																				
	ALL WORLD																						
11.57500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ															0008
	(6)	RR	21.16																				
	ALL WORLD																						
11.62500	G	50000	KHZ	30M0FXW--	11.4	DBW	-51.6	DBW/HZ															0009
	(6)	RR	21.16																				
	ALL WORLD																						
11.62500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ															0009
	(6)	RR	21.16																				
	ALL WORLD																						
11.62500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ															0009
	(6)	RR	21.16																				
	ALL WORLD																						
11.62500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ															0009
	(6)	RR	21.16																				
	ALL WORLD																						
11.62500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ															0009
	(6)	RR	21.16																				
	ALL WORLD																						
11.62500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ															0009
	(6)	RR	21.16																				
	ALL WORLD																						
11.67500	G	50000	KHZ	30M0FXW--	11.4	DBW	-51.6	DBW/HZ															0010
	(6)	RR	21.16																				
	ALL WORLD																						
11.67500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ															0010
	(6)	RR	21.16																				
	ALL WORLD																						
11.67500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ															0010
	(6)	RR	21.16																				
	ALL WORLD																						
11.67500	G	50000	KHZ	32M2G7W--	22.0	DBW	-51.6	DBW/HZ															0010
	(6)	RR	21.16																				
	ALL WORLD																						
11.67500	G	50000	KHZ	67K5G7W--	-5.3	DBW	-51.6	DBW/HZ															0010
	(6)	RR	21.16																				
	ALL WORLD																						
11.67500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ															0010
	(6)	RR	21.16																				
	ALL WORLD																						
11.97500	EC	50000	KHZ	16.08.01																			101.616491
10.97500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ															0001
	(6)	RR	21.16																				
	ALL WORLD																						
10.97500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ															0001
	(6)	RR	21.16																				
	ALL WORLD																						
11.02500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ															0002
	(6)	RR	21.16																				
	ALL WORLD																						
11.02500	G	50000	KHZ	6M87G7W--	15.2	DBW	-51.6	DBW/HZ															0002
	(6)	RR	21.16																				
	ALL WORLD																						
11.07500	G	50000	KHZ	35M9G7W--	22.4	DBW	-51.6	DBW/HZ															0003

	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.07500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0003
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.12500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ						0004
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.12500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0004
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.17500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ						0005
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.17500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0005
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.47500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ						0006
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.47500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0006
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.52500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ						0007
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.52500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0007
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.57500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ						0008
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.57500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0008
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.62500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ						0009
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.62500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0009
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.67500	G 50000 KHZ	35M9G7W--	22.4 DBW -51.6 DBW/HZ						0010
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.67500	G 50000 KHZ	6M87G7W--	15.2 DBW -51.6 DBW/HZ						0010
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
EC	50000 KHZ	16.08.01							101.616492
10.97500	G 50000 KHZ	30M0FXW--	14.4 DBW -51.6 DBW/HZ						0001
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
10.97500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ						0001
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.02500	G 50000 KHZ	30M0FXW--	14.4 DBW -51.6 DBW/HZ						0002
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	
	ALL WORLD			172E05 43S28 NZL	38.4	-140.5	9.5	-150.0	
11.02500	G 50000 KHZ	113KG7W--	-3.3 DBW -51.6 DBW/HZ						0002
	(6) RR 21.16		FIXED-SATELLITE					REF. BW 0.004 MHZ	

11.07500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0003
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.07500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0003
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.12500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0004
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.12500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0004
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.17500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0005
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.17500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0005
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.47500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0006
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.47500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0006
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.52500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0007
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.52500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0007
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.57500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0008
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.57500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0008
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.62500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0009
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.62500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0009
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.67500	G	50000	KHZ	30M0FXW--	14.4	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0010
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
11.67500	G	50000	KHZ	113KG7W--	-3.3	DBW	-51.6	DBW/HZ	172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	0010
	(6)	RR	21.16					FIXED-SATELLITE								
	ALL WORLD															
	ALL WORLD								172E05	43S28	NZL	38.4	-140.5	9.5	-150.0	

S23

38.4 DB POINTING ACC 0.10 DEG

101.520270

EC	50000 KHZ	16.08.01							101.616501
12.22500	G	50000 KHZ	36M0F8W--	19.1 DBW	-49.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3					167E59	29S02	NFK	
12.22500	G	50000 KHZ	1M25F8W--	3.2 DBW	-49.7 DBW/HZ	35.4	-141.6		0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.22500	G	50000 KHZ	30M0FXW--	13.3 DBW	-49.7 DBW/HZ	35.4	-141.6		0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.22500	G	50000 KHZ	35M9G7W--	24.3 DBW	-49.7 DBW/HZ	35.4	-141.6		0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.22500	G	50000 KHZ	6M87G7W--	17.1 DBW	-49.7 DBW/HZ	35.4	-141.6		0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.22500	G	50000 KHZ	32M2G7W--	23.9 DBW	-49.7 DBW/HZ	35.4	-141.6		0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.22500	G	50000 KHZ	67K5G7W--	-3.4 DBW	-49.7 DBW/HZ	35.4	-141.6		0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.22500	G	50000 KHZ	113KG7W--	-1.4 DBW	-49.7 DBW/HZ	35.4	-141.6		0001
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	36M0F8W--	19.1 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	1M25F8W--	3.2 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	30M0FXW--	13.3 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	35M9G7W--	24.3 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	6M87G7W--	17.1 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	32M2G7W--	23.9 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	67K5G7W--	-3.4 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.27500	G	50000 KHZ	113KG7W--	-1.4 DBW	-49.7 DBW/HZ	35.4	-141.6		0002
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.32500	G	50000 KHZ	36M0F8W--	19.1 DBW	-49.7 DBW/HZ	35.4	-141.6		0003
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.32500	G	50000 KHZ	1M25F8W--	3.2 DBW	-49.7 DBW/HZ	35.4	-141.6		0003
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
12.32500	G	50000 KHZ	30M0FXW--	13.3 DBW	-49.7 DBW/HZ	35.4	-141.6		0003
	(7) RR	21.16	FIXED-SATELLITE						
	REGION 3								
						167E59	29S02	NFK	

12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -1.4 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0005
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0F8W-- 19.1 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	1M25F8W-- 3.2 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 13.3 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 24.3 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 17.1 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 23.9 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -3.4 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.47500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -1.4 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0006
12.52500	REGION 3 G 50000 KHZ (7) RR 21.16	36M0F8W-- 19.1 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	1M25F8W-- 3.2 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 13.3 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 24.3 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 17.1 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 23.9 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -3.4 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.52500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -1.4 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0007
12.57500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	36M0F8W-- 19.1 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0008
12.57500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ (7) RR 21.16	1M25F8W-- 3.2 DBW -49.7 DBW/HZ FIXED-SATELLITE	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0008
12.57500	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 G 50000 KHZ	30M0FXW-- 13.3 DBW -49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0008

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	36M0F8W--	19.1 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	5M00F8W--	4.7 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	1M25F8W--	3.2 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	30M0FXW--	13.3 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	35M9G7W--	24.3 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	6M87G7W--	17.1 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	32M2G7W--	23.9 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	67K5G7W--	-3.4 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	113KG7W--	-1.4 DBW -49.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	36M0F8W--	19.1 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	5M00F8W--	4.7 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	1M25F8W--	3.2 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	30M0FXW--	13.3 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	35M9G7W--	24.3 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	6M87G7W--	17.1 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	32M2G7W--	23.9 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	67K5G7W--	-3.4 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	113KG7W--	-1.4 DBW -49.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	36M0F8W--	19.1 DBW -49.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	

	(7) RR 21.16	FIXED-SATELLITE					REF. BW	0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.62500	G 50000 KHZ 6M87G7W--	17.1 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.62500	G 50000 KHZ 32M2G7W--	23.9 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.62500	G 50000 KHZ 67K5G7W--	-3.4 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.62500	G 50000 KHZ 113KG7W--	-1.4 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 36M0F8W--	19.1 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 5M00F8W--	4.7 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 1M25F8W--	3.2 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 30M0FXW--	13.3 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 35M9G7W--	24.3 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 6M87G7W--	17.1 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 32M2G7W--	23.9 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 67K5G7W--	-3.4 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.67500	G 50000 KHZ 113KG7W--	-1.4 DBW -49.7 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	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
EC	50000 KHZ 16.08.01								101.616503
12.22500	G 50000 KHZ 30M0FXW--	13.3 DBW -49.7 DBW/HZ							0001
	(7) RR 21.16	FIXED-SATELLITE					REF. BW	0.004 MHZ	
	REGION 3	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.22500	G 50000 KHZ 35M9G7W--	24.3 DBW -49.7 DBW/HZ							0001
	(7) RR 21.16	FIXED-SATELLITE					REF. BW	0.004 MHZ	
	REGION 3	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.22500	G 50000 KHZ 6M87G7W--	17.1 DBW -49.7 DBW/HZ							0001
	(7) RR 21.16	FIXED-SATELLITE					REF. BW	0.004 MHZ	
	REGION 3	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.22500	G 50000 KHZ 32M2G7W--	23.9 DBW -49.7 DBW/HZ							0001
	(7) RR 21.16	FIXED-SATELLITE					REF. BW	0.004 MHZ	
	REGION 3	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.22500	G 50000 KHZ 67K5G7W--	-3.4 DBW -49.7 DBW/HZ							0001
	(7) RR 21.16	FIXED-SATELLITE					REF. BW	0.004 MHZ	
	REGION 3	167E59 29S02 NFK	35.4	-141.6			6.4	-148.0	
12.22500	G 50000 KHZ 113KG7W--	-1.4 DBW -49.7 DBW/HZ							0001
	(7) RR 21.16	FIXED-SATELLITE					REF. BW	0.004 MHZ	

12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 13.3 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 24.3 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 17.1 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 23.9 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -3.4 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -1.4 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 13.3 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 24.3 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 17.1 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 23.9 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -3.4 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -1.4 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 13.3 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- 24.3 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- 17.1 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- 23.9 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- -3.4 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- -1.4 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- 13.3 DBW FIXED-SATELLITE	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0005
12.42500	REGION 3 G 50000 KHZ	35M9G7W-- 24.3 DBW	-49.7 DBW/HZ	167E59 29S02 NFK	35.4 -141.6	6.4 -148.0	0.004 MHZ	0005

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	6M87G7W--	17.1 DBW -49.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	32M2G7W--	23.9 DBW -49.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	67K5G7W--	-3.4 DBW -49.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	113KG7W--	-1.4 DBW -49.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	30M0FXW--	13.3 DBW -49.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	35M9G7W--	24.3 DBW -49.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	6M87G7W--	17.1 DBW -49.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	32M2G7W--	23.9 DBW -49.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	67K5G7W--	-3.4 DBW -49.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	113KG7W--	-1.4 DBW -49.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	30M0FXW--	13.3 DBW -49.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	35M9G7W--	24.3 DBW -49.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	6M87G7W--	17.1 DBW -49.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	32M2G7W--	23.9 DBW -49.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	67K5G7W--	-3.4 DBW -49.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	113KG7W--	-1.4 DBW -49.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	30M0FXW--	13.3 DBW -49.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	35M9G7W--	24.3 DBW -49.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	6M87G7W--	17.1 DBW -49.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E59 29S02 NFK	35.4	-141.6			6.4 -148.0	

	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.32500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	DBW/HZ			0003
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.37500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	DBW/HZ			0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.37500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	DBW/HZ			0004
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	DBW/HZ			0005
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.42500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	DBW/HZ			0005
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	DBW/HZ			0006
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.47500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	DBW/HZ			0006
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.52500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	DBW/HZ			0007
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 1 CTYS		OF 5.494 AND 5.496 AND REGION 3			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.52500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	DBW/HZ			0007
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 1 CTYS		OF 5.494 AND 5.496 AND REGION 3			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.57500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	DBW/HZ			0008
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 1 CTYS		OF 5.494 AND 5.496 AND REGION 3			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.57500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	DBW/HZ			0008
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 1 CTYS		OF 5.494 AND 5.496 AND REGION 3			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.62500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	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			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.62500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	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			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.67500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	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			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.67500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	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			167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
EC	50000	KHZ	16.08.01								101.616505
12.22500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ			0001
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.22500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ			0001
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.27500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ			0002
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	
	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4 -148.0
12.27500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ			0002
	(7) RR 21.16		FIXED-SATELLITE					REF. BW	0.004	MHZ	

	REGION 3					167E59	29S02	NFK	35.4	-141.6	6.4	-148.0	
12.32500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ					0003
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0003
12.32500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ					0003
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0004
12.37500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ					0004
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0004
12.37500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ					0004
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0005
12.42500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ					0005
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0005
12.42500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ					0005
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0006
12.47500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ					0006
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0006
12.47500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ					0006
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 3								35.4	-141.6	6.4	-148.0	0007
12.52500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ					0007
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3					35.4	-141.6	6.4	-148.0	0007
12.52500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ					0007
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3					35.4	-141.6	6.4	-148.0	0008
12.57500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ					0008
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3					35.4	-141.6	6.4	-148.0	0008
12.57500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ					0008
	(7)	RR	21.16	FIXED-SATELLITE							REF. BW	0.004	MHZ
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3					35.4	-141.6	6.4	-148.0	0009
12.62500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	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					35.4	-141.6	6.4	-148.0	0009
12.62500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	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					35.4	-141.6	6.4	-148.0	0010
12.67500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	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					35.4	-141.6	6.4	-148.0	0010
12.67500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	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					35.4	-141.6	6.4	-148.0	0010
EC		50000	KHZ	16.08.01									101.679633
12.72500	G	50000	KHZ	36M0F8W--	19.1	DBW	-49.7	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					35.4	-141.6	6.4	-148.0	0001
12.72500	G	50000	KHZ	1M25F8W--	3.2	DBW	-49.7	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					35.4	-141.6	6.4	-148.0	0001
12.72500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	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					35.4	-141.6	6.4	-148.0	0001

12.72500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E59	29S02	NFK	
EC		50000	KHZ	16.08.01					35.4	-141.6		
												6.4 -148.0
												101.679636
12.72500	G	50000	KHZ	35M9G7W--	24.3	DBW	-49.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E59	29S02	NFK	
		50000	KHZ	16.08.01					35.4	-141.6		
												6.4 -148.0
												101.679637
12.72500	G	50000	KHZ	6M87G7W--	17.1	DBW	-49.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E59	29S02	NFK	
EC		50000	KHZ	16.08.01					35.4	-141.6		
												6.4 -148.0
												101.679637
12.72500	G	50000	KHZ	30M0FXW--	13.3	DBW	-49.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E59	29S02	NFK	
		50000	KHZ	16.08.01					35.4	-141.6		
												6.4 -148.0
												101.679637
12.72500	G	50000	KHZ	113KG7W--	-1.4	DBW	-49.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E59	29S02	NFK	
		50000	KHZ	16.08.01					35.4	-141.6		
												6.4 -148.0
												101.679637

S30

32.4 DB POINTING ACC 0.10 DEG

101.520270

EC	50000 KHZ	16.08.01							101.616510
10.97500	G	50000	KHZ	36M0F8W--	23.2	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	5M00F8W--	8.8	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	1M25F8W--	7.3	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	30M0FXW--	20.4	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	35M9G7W--	28.4	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	6M87G7W--	21.2	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	32M2G7W--	28.0	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	67K5G7W--	0.7	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
10.97500	G	50000	KHZ	113KG7W--	2.7	DBW	-45.6	DBW/HZ	0001
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	36M0F8W--	23.2	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	5M00F8W--	8.8	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	1M25F8W--	7.3	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	30M0FXW--	20.4	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	35M9G7W--	28.4	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	6M87G7W--	21.2	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	32M2G7W--	28.0	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	67K5G7W--	0.7	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.02500	G	50000	KHZ	113KG7W--	2.7	DBW	-45.6	DBW/HZ	0002
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	
11.07500	G	50000	KHZ	36M0F8W--	23.2	DBW	-45.6	DBW/HZ	0003
	(6)	RR	21.16	FIXED-SATELLITE					
	ALL WORLD								
								040W56 13S17 B	

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	6M87G7W--	21.2 DBW -45.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	32M2G7W--	28.0 DBW -45.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	67K5G7W--	0.7 DBW -45.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.52500	G 50000 KHZ	113KG7W--	2.7 DBW -45.6 DBW/HZ							0007
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	36M0F8W--	23.2 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	5M00F8W--	8.8 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	1M25F8W--	7.3 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	30M0FXW--	20.4 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	35M9G7W--	28.4 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	6M87G7W--	21.2 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	32M2G7W--	28.0 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	67K5G7W--	0.7 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.57500	G 50000 KHZ	113KG7W--	2.7 DBW -45.6 DBW/HZ							0008
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	36M0F8W--	23.2 DBW -45.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	5M00F8W--	8.8 DBW -45.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	1M25F8W--	7.3 DBW -45.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	30M0FXW--	20.4 DBW -45.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	35M9G7W--	28.4 DBW -45.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.62500	G 50000 KHZ	6M87G7W--	21.2 DBW -45.6 DBW/HZ							0009
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	

	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.02500	G 50000 KHZ	6M87G7W--	21.2 DBW -45.6 DBW/HZ							0002
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.02500	G 50000 KHZ	32M2G7W--	28.0 DBW -45.6 DBW/HZ							0002
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.02500	G 50000 KHZ	67K5G7W--	0.7 DBW -45.6 DBW/HZ							0002
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.02500	G 50000 KHZ	113KG7W--	2.7 DBW -45.6 DBW/HZ							0002
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	30M0FXW--	20.4 DBW -45.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	35M9G7W--	28.4 DBW -45.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	6M87G7W--	21.2 DBW -45.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	32M2G7W--	28.0 DBW -45.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	67K5G7W--	0.7 DBW -45.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.07500	G 50000 KHZ	113KG7W--	2.7 DBW -45.6 DBW/HZ							0003
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	30M0FXW--	20.4 DBW -45.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	35M9G7W--	28.4 DBW -45.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	6M87G7W--	21.2 DBW -45.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	32M2G7W--	28.0 DBW -45.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	67K5G7W--	0.7 DBW -45.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.12500	G 50000 KHZ	113KG7W--	2.7 DBW -45.6 DBW/HZ							0004
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	30M0FXW--	20.4 DBW -45.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	35M9G7W--	28.4 DBW -45.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	
11.17500	G 50000 KHZ	6M87G7W--	21.2 DBW -45.6 DBW/HZ							0005
	(6) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	ALL WORLD			040W56 13S17 B	29.4	-143.5			6.5 -150.0	

	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.57500	G	50000	KHZ	113KG7W--	2.7	DBW	-45.6	DBW/HZ				0008
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.62500	G	50000	KHZ	30M0FXW--	20.4	DBW	-45.6	DBW/HZ				0009
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.62500	G	50000	KHZ	35M9G7W--	28.4	DBW	-45.6	DBW/HZ				0009
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.62500	G	50000	KHZ	6M87G7W--	21.2	DBW	-45.6	DBW/HZ				0009
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.62500	G	50000	KHZ	32M2G7W--	28.0	DBW	-45.6	DBW/HZ				0009
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.62500	G	50000	KHZ	67K5G7W--	0.7	DBW	-45.6	DBW/HZ				0009
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.62500	G	50000	KHZ	113KG7W--	2.7	DBW	-45.6	DBW/HZ				0009
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.67500	G	50000	KHZ	30M0FXW--	20.4	DBW	-45.6	DBW/HZ				0010
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.67500	G	50000	KHZ	35M9G7W--	28.4	DBW	-45.6	DBW/HZ				0010
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.67500	G	50000	KHZ	6M87G7W--	21.2	DBW	-45.6	DBW/HZ				0010
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.67500	G	50000	KHZ	32M2G7W--	28.0	DBW	-45.6	DBW/HZ				0010
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.67500	G	50000	KHZ	67K5G7W--	0.7	DBW	-45.6	DBW/HZ				0010
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.67500	G	50000	KHZ	113KG7W--	2.7	DBW	-45.6	DBW/HZ				0010
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
EC		50000	KHZ	16.08.01								101.616512
10.97500	G	50000	KHZ	35M9G7W--	28.4	DBW	-45.6	DBW/HZ				0001
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
10.97500	G	50000	KHZ	6M87G7W--	21.2	DBW	-45.6	DBW/HZ				0001
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.02500	G	50000	KHZ	35M9G7W--	28.4	DBW	-45.6	DBW/HZ				0002
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.02500	G	50000	KHZ	6M87G7W--	21.2	DBW	-45.6	DBW/HZ				0002
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.07500	G	50000	KHZ	35M9G7W--	28.4	DBW	-45.6	DBW/HZ				0003
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	
11.07500	G	50000	KHZ	6M87G7W--	21.2	DBW	-45.6	DBW/HZ				0003
	(6)	RR	21.16	FIXED-SATELLITE						REF. BW	0.004	MHZ
	ALL WORLD				040W56	13S17	B	29.4	-143.5	6.5	-150.0	

S33

32.4 DB POINTING ACC 0.10 DEG

101.520270

EC	50000 KHZ	16.08.01							101.616522
12.22500	G	50000 KHZ	36M0F8W--	25.1 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	1M25F8W--	9.2 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	30M0FXW--	19.3 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	35M9G7W--	30.3 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	6M87G7W--	23.1 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	32M2G7W--	29.9 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	67K5G7W--	2.6 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.22500	G	50000 KHZ	113KG7W--	4.6 DBW	-43.7 DBW/HZ				0001
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	36M0F8W--	25.1 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	1M25F8W--	9.2 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	30M0FXW--	19.3 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	35M9G7W--	30.3 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	6M87G7W--	23.1 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	32M2G7W--	29.9 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	67K5G7W--	2.6 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.27500	G	50000 KHZ	113KG7W--	4.6 DBW	-43.7 DBW/HZ				0002
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	36M0F8W--	25.1 DBW	-43.7 DBW/HZ				0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	1M25F8W--	9.2 DBW	-43.7 DBW/HZ				0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	
12.32500	G	50000 KHZ	30M0FXW--	19.3 DBW	-43.7 DBW/HZ				0003
	(7) RR	21.16	FIXED-SATELLITE					REF. BW 0.004 MHZ	
	REGION 3					167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	

12.42500	G	50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0005
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	36M0F8W--	25.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	1M25F8W--	9.2	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	30M0FXW--	19.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	35M9G7W--	30.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	6M87G7W--	23.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	32M2G7W--	29.9	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	67K5G7W--	2.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.47500	G	50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0006
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	36M0F8W--	25.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	1M25F8W--	9.2	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	30M0FXW--	19.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	35M9G7W--	30.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	6M87G7W--	23.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	32M2G7W--	29.9	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	67K5G7W--	2.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.52500	G	50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.57500	G	50000	KHZ	36M0F8W--	25.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.57500	G	50000	KHZ	1M25F8W--	9.2	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	
12.57500	G	50000	KHZ	30M0FXW--	19.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16					FIXED-SATELLITE						REF. BW	0.004	MHZ
														6.4	-148.0	

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	36M0F8W--	25.1 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	5M00F8W--	10.7 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	1M25F8W--	9.2 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	30M0FXW--	19.3 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	32M2G7W--	29.9 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	67K5G7W--	2.6 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.32500	G 50000 KHZ	113KG7W--	4.6 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	36M0F8W--	25.1 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	5M00F8W--	10.7 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	1M25F8W--	9.2 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	30M0FXW--	19.3 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	32M2G7W--	29.9 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	67K5G7W--	2.6 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.37500	G 50000 KHZ	113KG7W--	4.6 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		
12.42500	G 50000 KHZ	36M0F8W--	25.1 DBW -43.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6		6.4 -148.0		

12.52500	G	50000	KHZ	30M0FXW--	19.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16													
12.52500	G	50000	KHZ	35M9G7W--	30.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16													
12.52500	G	50000	KHZ	6M87G7W--	23.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16													
12.52500	G	50000	KHZ	32M2G7W--	29.9	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16													
12.52500	G	50000	KHZ	67K5G7W--	2.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16													
12.52500	G	50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0007
	(7)	RR	21.16													
12.57500	G	50000	KHZ	36M0F8W--	25.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	5M00F8W--	10.7	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	1M25F8W--	9.2	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	30M0FXW--	19.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	35M9G7W--	30.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	6M87G7W--	23.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	32M2G7W--	29.9	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	67K5G7W--	2.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.57500	G	50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0008
	(7)	RR	21.16													
12.62500	G	50000	KHZ	36M0F8W--	25.1	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0009
	(7)	RR	21.16													
12.62500	G	50000	KHZ	5M00F8W--	10.7	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0009
	(7)	RR	21.16													
12.62500	G	50000	KHZ	1M25F8W--	9.2	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0009
	(7)	RR	21.16													
12.62500	G	50000	KHZ	30M0FXW--	19.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0009
	(7)	RR	21.16													
12.62500	G	50000	KHZ	35M9G7W--	30.3	DBW	-43.7	DBW/HZ	167E28	22S32	NCL	29.4	-141.6	6.4	-148.0	0009
	(7)	RR	21.16													

12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- FIXED-SATELLITE	19.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- FIXED-SATELLITE	30.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- FIXED-SATELLITE	23.1 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- FIXED-SATELLITE	29.9 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- FIXED-SATELLITE	2.6 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.27500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- FIXED-SATELLITE	4.6 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0002
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- FIXED-SATELLITE	19.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- FIXED-SATELLITE	30.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- FIXED-SATELLITE	23.1 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- FIXED-SATELLITE	29.9 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- FIXED-SATELLITE	2.6 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.32500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- FIXED-SATELLITE	4.6 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0003
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- FIXED-SATELLITE	19.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	35M9G7W-- FIXED-SATELLITE	30.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	6M87G7W-- FIXED-SATELLITE	23.1 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	32M2G7W-- FIXED-SATELLITE	29.9 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	67K5G7W-- FIXED-SATELLITE	2.6 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.37500	REGION 3 G 50000 KHZ (7) RR 21.16	113KG7W-- FIXED-SATELLITE	4.6 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0004
12.42500	REGION 3 G 50000 KHZ (7) RR 21.16	30M0FXW-- FIXED-SATELLITE	19.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0005
12.42500	REGION 3 G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ	167E28 22S32 NCL	29.4 -141.6	6.4 -148.0	0.004 MHZ	0005

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	32M2G7W--	29.9 DBW -43.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	67K5G7W--	2.6 DBW -43.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	113KG7W--	4.6 DBW -43.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	30M0FXW--	19.3 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	32M2G7W--	29.9 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	67K5G7W--	2.6 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	113KG7W--	4.6 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	30M0FXW--	19.3 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	32M2G7W--	29.9 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	67K5G7W--	2.6 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	113KG7W--	4.6 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	30M0FXW--	19.3 DBW -43.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	

	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.32500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0003
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.37500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0004
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.42500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0005
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.47500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0006
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.52500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0007
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.57500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 DBW/HZ							0008
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.62500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 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		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.62500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 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		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.67500	G 50000 KHZ	35M9G7W--	30.3 DBW -43.7 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		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.67500	G 50000 KHZ	6M87G7W--	23.1 DBW -43.7 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		167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
EC 12.22500	G 50000 KHZ	16.08.01								101.616526
	(7) RR 21.16		FIXED-SATELLITE							0001
	REGION 3			167E28 22S32 NCL	29.4	-141.6			REF. BW 0.004 MHZ	
12.22500	G 50000 KHZ	113KG7W--	4.6 DBW -43.7 DBW/HZ							0001
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.27500	G 50000 KHZ	30M0FXW--	19.3 DBW -43.7 DBW/HZ							0002
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	
	REGION 3			167E28 22S32 NCL	29.4	-141.6			6.4 -148.0	
12.27500	G 50000 KHZ	113KG7W--	4.6 DBW -43.7 DBW/HZ							0002
	(7) RR 21.16		FIXED-SATELLITE						REF. BW 0.004 MHZ	

	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.32500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0003
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.32500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0003
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.37500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0004
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.37500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0004
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.42500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0005
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.42500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0005
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.47500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0006
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.47500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0006
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 3					167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.52500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0007
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.52500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0007
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.57500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0008
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.57500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0008
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.62500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0009
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.62500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0009
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.67500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0010
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.67500	G	50000	KHZ	113KG7W--	4.6	DBW -43.7	DBW/HZ				0010
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
EC	50000	KHZ		16.08.01							101.679641
12.72500	G	50000	KHZ	36M0F8W--	25.1	DBW -43.7	DBW/HZ				0001
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.72500	G	50000	KHZ	1M25F8W--	9.2	DBW -43.7	DBW/HZ				0001
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	
12.72500	G	50000	KHZ	30M0FXW--	19.3	DBW -43.7	DBW/HZ				0001
	(7) RR	21.16		FIXED-SATELLITE							
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3				167E28 22S32 NCL	29.4	-141.6	6.4	-148.0	

12.72500	G	50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E28	22S32	NCL	
EC		50000	KHZ	16.08.01					29.4	-141.6		
												6.4 -148.0
												101.679644
12.72500	G	50000	KHZ	35M9G7W--	30.3	DBW	-43.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E28	22S32	NCL	
		50000	KHZ	6M87G7W--	23.1	DBW	-43.7	DBW/HZ	29.4	-141.6		
												6.4 -148.0
												101.679645
12.72500	G	50000	KHZ	6M87G7W--	23.1	DBW	-43.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E28	22S32	NCL	
EC		50000	KHZ	16.08.01					29.4	-141.6		
												6.4 -148.0
												101.679645
12.72500	G	50000	KHZ	30M0FXW--	19.3	DBW	-43.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E28	22S32	NCL	
		50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ	29.4	-141.6		
												6.4 -148.0
												101.679645
12.72500	G	50000	KHZ	113KG7W--	4.6	DBW	-43.7	DBW/HZ				0001
	(7)	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	167E28	22S32	NCL	
		50000	KHZ	16.08.01					29.4	-141.6		
												6.4 -148.0
												101.679645

□

PROGRAM SNSBPFD TERMINATED OK.