

START OF JOB SNSBPF 22.12.03 13.38.17 VERSION 4.17 101520397 H ng 01N  
COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for AUSSAT D 164E FSS (101520397)** EXAMINATION REQUESTED BY : ng DATE: 22/12/03 13:38:17

AUS AUSSAT D 164E FSS 164.00E 0.05 0.05 11.12.01 C 101.520397

**LU 45.0 DB POINTING ACC 0.10 DEG 101.520397**

EI 16500 KHZ 11.12.01 101.660749  
1618.25000 M 16500 KHZ 30K0G7W-- -19.0 DBW (MIN) -11.0 DBW (MAX) -56.0 DBW/HZ 0001  
( 3 ) 5.364 MOB-5 16.0 REC-580 REF. BW 0.004 MHZ  
ALL WORLD 16.0 -4.0 11.0 -15.0

NA		34.5 DB POINTING ACC 0.05 DEG				101.520397			
EC		34000 KHZ	11.12.01					101.660905	
	12.28700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ			0001
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.32700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0002
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.36700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0003
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.40700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0004
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.44700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0005
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.48700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0006
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.48700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0006
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.52700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0007
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.56700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0008
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.60700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0009
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.64700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0010
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.68700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0011
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
EC		34000 KHZ	11.12.01					101.681775	
	12.72700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 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			130E46 08S21 INS	1.3	-138.0	

NB		35.1 DB POINTING ACC 0.05 DEG				101.520397			
EC		34000 KHZ	11.12.01					101.660956	
	12.27800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ			0001
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.31800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0002
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.35800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0003
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.39800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0004
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.43800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0005
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.47800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0006
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.51800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0007
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.55800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0008
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.59800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0009
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.63800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0010
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.68000	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.7	-136.7	0011
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
EC		34000 KHZ	11.12.01					101.681800	
	12.72000	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 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			130E46 08S21 INS	1.3	-138.0	

**NZB**

**34.5 DB POINTING ACC 0.05 DEG**

EK ER 500 KHZ 11.12.01  
12.74770 G 500 KHZ 432KG7D-- 20.0 DBW -37.0 DBW/HZ  
( 7) RR 21.16 FIXED-SATELLITE  
REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 174E15 35S20 NZL  
12.74870 G 500 KHZ 432KG7D-- 20.0 DBW -37.0 DBW/HZ  
( 7) RR 21.16 FIXED-SATELLITE  
REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 174E15 35S20 NZL

**101.520397**

101.660978  
0001  
REF. BW 0.004 MHZ  
32.5 -130.9 7.1 -138.0  
0002  
REF. BW 0.004 MHZ  
32.5 -130.9 7.1 -138.0

RA1R	31.5 DB	POINTING ACC	0.05 DEG	101.520397			
EC	36000 KHZ	11.12.01					101.660999
12.52700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.52700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
12.56700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ				0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.56700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ				0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
12.60700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ				0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.60700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ				0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
12.64700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ				0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.64700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ				0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
12.68700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ				0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.68700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ				0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
EC	36000 KHZ	11.12.01					101.661000
12.52700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.52700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
12.52700	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ				0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7	-148.0	
12.56700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ				0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.56700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ				0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
12.56700	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ				0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7	-148.0	
12.60700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ				0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2	-148.0	
12.60700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ				0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1	-148.0	
12.60700	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ				0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	

	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	
12.64700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0	
12.64700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0	
12.64700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	
12.68700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0	
12.68700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0	
12.68700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	
EC	36000 KHZ 11.12.01				101.661001
12.52700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0001
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	
12.52700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0	
12.52700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0	
12.56700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0002
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	
12.56700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0002
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0	
12.56700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0002
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0	
12.60700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0003
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	
12.60700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0003
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0	
12.60700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0003
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0	
12.64700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	
12.64700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0	
12.64700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0	
12.68700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0	



12.52700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ				0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.56700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.56700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.56700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.60700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.60700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.60700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.64700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.64700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.64700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.68700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.68700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.68700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
EC		36000	KHZ	11.12.01						101.661004
12.52700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.52700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.56700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.56700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.60700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.60700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.64700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0004















		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.60700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.64700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.64700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.64700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.68700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.68700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.68700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.661018
12.52700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.52700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.56700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.56700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.60700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.60700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.64700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.64700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.68700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.68700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
EC		72000 KHZ 11.12.01					101.661020
12.54700	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.54700	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.70900	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		0003
12.70900	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		72000 KHZ 11.12.01					101.661025
12.54700	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.54700	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.62700	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.62700	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.70900	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.70900	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
EC		36000 KHZ 11.12.01					101.681821
12.72700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.72700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681822
12.72700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.72700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.72700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
EC		36000 KHZ 11.12.01					101.681823
12.72700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.72700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.72700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681824
12.72700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.72700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681825
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681826
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
EC		36000 KHZ 11.12.01					101.681828
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681829
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681830
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681831
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681832

12.72700	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
		REGION 1	CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN		31.5	-142.3	REF. BW 0.004 MHZ	
											5.7	-148.0
12.72700	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
		REGION 1	CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN		31.5	-140.8	REF. BW 0.004 MHZ	
											7.2	-148.0
12.72700	G	36000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
		REGION 1	CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN		31.5	-140.9	REF. BW 0.004 MHZ	
											7.1	-148.0
EC		36000	KHZ	11.12.01								101.681833
12.72700	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
		REGION 1	CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN		31.5	-142.3	REF. BW 0.004 MHZ	
											5.7	-148.0
12.72700	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
		REGION 1	CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN		31.5	-140.8	REF. BW 0.004 MHZ	
											7.2	-148.0

RB1R	31.5 DB	POINTING ACC	0.05 DEG	101.520397				
EC	36000 KHZ	11.12.01						101.661097
12.51800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.51800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
12.55800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.55800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
12.59800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.59800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
12.63800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0004
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.63800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0004
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
12.68000	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0005
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.68000	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0005
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
EC	36000 KHZ	11.12.01						101.661098
12.51800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.51800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
12.51800	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0001
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3		5.7 -148.0		
12.55800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.55800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
12.55800	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3		5.7 -148.0		
12.59800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8		7.2 -148.0		
12.59800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9		7.1 -148.0		
12.59800	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	

	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.63800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.63800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.63800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.68000	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.68000	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.68000	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
EC	36000 KHZ 11.12.01				101.661099	
12.51800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0001	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.51800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.51800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.55800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0002	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.55800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0002	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.55800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0002	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.59800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0003	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.59800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0003	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.59800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0003	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.63800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.63800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.63800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.68000	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		



12.51800	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ				0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.55800	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.55800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.55800	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.59800	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.59800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.59800	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.63800	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.63800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.63800	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
12.68000	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.68000	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.68000	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	REF. BW 0.004 MHZ	
EC		36000	KHZ	11.12.01						101.661102
12.51800	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.51800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.55800	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.55800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.59800	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	REF. BW 0.004 MHZ	
12.59800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	REF. BW 0.004 MHZ	
12.63800	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0004





	12.53800	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0	
	12.53800	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0	
	12.53800	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0	
	12.61800	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0002
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0	
	12.61800	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0002
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0	
	12.61800	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0002
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0	
	12.70000	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0003
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0	
	12.70000	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0003
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0	
	12.70000	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0003
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0	
EC				72000	KHZ	11.12.01							101.661107
	12.53800	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0	
	12.53800	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0	
	12.53800	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0	
	12.61800	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0002
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0	
	12.61800	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0002
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0	
	12.61800	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0002
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0	
	12.70000	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0003
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0	
	12.70000	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0003
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0	
	12.70000	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0003
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0	
EC				72000	KHZ	11.12.01							101.661108
	12.53800	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
		( 7 )	RR	21.16	FIXED-SATELLITE								
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0	

12.53800	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0001	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
12.53800	G	72000	KHZ	59K7G7W--	2.7 DBW	-45.1	DBW/HZ					0001	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.9		
											7.1	-148.0	
12.61800	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5	DBW/HZ					0002	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-142.3		
											5.7	-148.0	
12.61800	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0002	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
12.61800	G	72000	KHZ	59K7G7W--	2.7 DBW	-45.1	DBW/HZ					0002	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.9		
											7.1	-148.0	
12.70000	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5	DBW/HZ					0003	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-142.3		
											5.7	-148.0	
12.70000	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0003	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
12.70000	G	72000	KHZ	59K7G7W--	2.7 DBW	-45.1	DBW/HZ					0003	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.9		
											7.1	-148.0	
EC		72000	KHZ	11.12.01									101.661109
12.53800	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5	DBW/HZ					0001	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-142.3		
											5.7	-148.0	
12.53800	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0001	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
12.61800	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5	DBW/HZ					0002	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-142.3		
											5.7	-148.0	
12.61800	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0002	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
12.70000	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5	DBW/HZ					0003	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-142.3		
											5.7	-148.0	
12.70000	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0003	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
EC		36000	KHZ	11.12.01									101.661111
12.51800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0001	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
12.51800	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1	DBW/HZ					0001	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.9		
											7.1	-148.0	
12.55800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0002	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-148.0	
12.55800	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1	DBW/HZ					0002	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.9		
											7.1	-148.0	
12.59800	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0	DBW/HZ					0003	
	( 7 )	RR 21.16		FIXED-SATELLITE									
	REGION 1	CTYS	OF	5.494 AND 5.496	AND	REGION 3	093E13	44N11	CHN	31.5	-140.8		
											7.2	-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		093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
EC	36000 KHZ	11.12.01									101.661113	
12.51800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.51800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	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		093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.51800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	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		093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
12.55800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0002	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.55800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0002	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.55800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0002	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
12.59800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0003	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.59800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0003	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.59800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0003	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
12.63800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0004	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.63800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0004	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.63800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0004	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
12.68000	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0005	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.68000	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0005	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.68000	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0005	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
EC	36000 KHZ	11.12.01									101.661114	
12.51800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.51800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	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		093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.51800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	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		093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
12.55800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0002	



		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.59800	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ									0003
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
12.63800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ									0004
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.63800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ									0004
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.63800	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ									0004
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
12.68000	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ									0005
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.68000	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ									0005
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.68000	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ									0005
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.9	7.1	-148.0		
EC		36000 KHZ 11.12.01									101.661116
12.51800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ									0001
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.51800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.55800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ									0002
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.55800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ									0002
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.59800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ									0003
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.59800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ									0003
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.63800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ									0004
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.63800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ									0004
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.68000	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ									0005
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-142.3	5.7	-148.0		
12.68000	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ									0005
	( 7 ) RR	21.16 FIXED-SATELLITE						REF. BW	0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
EC		72000 KHZ 11.12.01									101.661118
12.53800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13	44N11	CHN	31.5	-140.8	7.2	-148.0		
12.53800	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.61800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.61800	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.70000	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.70000	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		72000 KHZ 11.12.01					101.661119
12.53800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.53800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.53800	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.61800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.61800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.61800	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.70000	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.70000	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.70000	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		72000 KHZ 11.12.01					101.661120
12.53800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.53800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.53800	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 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	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
12.61800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.61800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.61800	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		





		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.70000	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.70000	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.9	7.1 -148.0		
EC		72000 KHZ 11.12.01					101.661123
12.53800	G	72000 KHZ 36M0F3F-- 22.5 DBW -40.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.53800	G	72000 KHZ 27M0F9W-- 22.5 DBW -40.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.53800	G	72000 KHZ 27M0F3F-- 22.5 DBW -40.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.53800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.53800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.61800	G	72000 KHZ 36M0F3F-- 22.5 DBW -40.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.61800	G	72000 KHZ 27M0F9W-- 22.5 DBW -40.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.61800	G	72000 KHZ 27M0F3F-- 22.5 DBW -40.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.61800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.61800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.70000	G	72000 KHZ 36M0F3F-- 22.5 DBW -40.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.70000	G	72000 KHZ 27M0F9W-- 22.5 DBW -40.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.70000	G	72000 KHZ 27M0F3F-- 22.5 DBW -40.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -136.3	11.7 -148.0		
12.70000	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -142.3	5.7 -148.0		
12.70000	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
EC		36000 KHZ 11.12.01					101.681863
12.72000	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 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	093E13 44N11 CHN	31.5 -140.8	7.2 -148.0		
12.72000	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		





RB3R	31.5 DB	POINTING ACC 0.05 DEG	101.520397	
EC	72000 KHZ	11.12.01		101.661193
12.29600	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ		0001
	( 7) RR 21.16	FIXED-SATELLITE		
	REGION 3		089E26 27N30 BTN	
12.29600	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0001
	REGION 3		089E26 27N30 BTN	
12.29600	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0001
	REGION 3		089E26 27N30 BTN	
12.37800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0002
	REGION 3		089E26 27N30 BTN	
12.37800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0002
	REGION 3		089E26 27N30 BTN	
12.37800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0002
	REGION 3		089E26 27N30 BTN	
12.45800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0003
	REGION 3		089E26 27N30 BTN	
12.45800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0003
	REGION 3		089E26 27N30 BTN	
12.45800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0003
	REGION 3		089E26 27N30 BTN	
12.53800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0004
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.53800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0004
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.53800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0004
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.61800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0005
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.61800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0005
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.61800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0005
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.70000	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0006
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.70000	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0006
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	
12.70000	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ	31.5 -136.3	11.7 -148.0
	( 7) RR 21.16	FIXED-SATELLITE		0006
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3		089E26 27N30 BTN	

UPC

19.5 DB POINTING ACC 0.05 DEG

101.520397

EC 12.74950 G 1 KHZ 11.12.01  
 ( 7) RR 21.16 1 KHZ 1K00NON-- 10.0 DBW -20.0 DBW/HZ  
 REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 092E39 42N27 CHN

101.661196  
 0001  
 REF. BW 0.004 MHZ  
 16.5 -136.8 11.2 -148.0

□ PROGRAM SNSBPFD TERMINATED OK.