

START OF JOB SNSBPF 06.01.04 09.18.05 VERSION 4.17 098520068 Hlemouchi 01N
COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for SB-SAT-154 (098520068)** EXAMINATION REQUESTED BY : lemouchi DATE: 06/01/04 09:18:05

| J | SB-SAT-154 | 154.00E | 0.10 | 0.10 | 10.05.01 | 098.520068 | C 098.520068 |
|------------|----------------|---------------------|-----------------|-----------|----------------------|-------------------|-------------------|
| R1R | 42.0 DB | POINTING ACC | 0.20 DEG | | | 098.520068 | |
| EC | 50000 KHZ | 02.05.00 | | | AR11/A 2134 | | 100.607651 |
| 13.77500 | G 50000 KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0001 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| | (5) 5.503 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | OVERLAP 6.000 MHZ |
| | ALL WORLD | | | | | 85.8 | 14.8 71.0 |
| 13.77500 | G 50000 KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0001 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 MIN. ALLOWED | 68.0 |
| 13.82500 | G 50000 KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0002 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| 13.82500 | G 50000 KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0002 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 MIN. ALLOWED | 68.0 |
| 13.87500 | G 50000 KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0003 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| 13.87500 | G 50000 KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0003 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 MIN. ALLOWED | 68.0 |
| 13.92500 | G 50000 KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0004 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| 13.92500 | G 50000 KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0004 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 MIN. ALLOWED | 68.0 |
| 13.97500 | G 50000 KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0005 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| 13.97500 | G 50000 KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0005 |
| | (4) 5.502 | | | | TYPICAL-4.5M-REC-580 | 54.0 REC-580 | |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 MIN. ALLOWED | 68.0 |
| EC | 50000 KHZ | 02.05.00 | | | AR11/A 2134 | | 100.607652 |
| 13.77500 | G 50000 KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0001 |
| | (4) 5.502 | | | | TYPICAL-11M-REC-580 | 61.8 REC-580 | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| | (5) 5.503 | | | | TYPICAL-11M-REC-580 | 61.8 REC-580 | OVERLAP 6.000 MHZ |
| | ALL WORLD | | | | | 93.6 | 22.6 71.0 |
| 13.77500 | G 50000 KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0001 |
| | (4) 5.502 | | | | TYPICAL-11M-REC-580 | 61.8 REC-580 | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 MIN. ALLOWED | 68.0 |
| 13.82500 | G 50000 KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0002 |
| | (4) 5.502 | | | | TYPICAL-11M-REC-580 | 61.8 REC-580 | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| 13.82500 | G 50000 KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0002 |
| | (4) 5.502 | | | | TYPICAL-11M-REC-580 | 61.8 REC-580 | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 MIN. ALLOWED | 68.0 |
| 13.87500 | G 50000 KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 DBW (MAX) | -36.0 DBW/HZ | 0003 |
| | (4) 5.502 | | | | TYPICAL-11M-REC-580 | 61.8 REC-580 | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 MIN. ALLOWED | 68.0 |
| 13.87500 | G 50000 KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 DBW (MAX) | -36.0 DBW/HZ | 0003 |

| | | | | | | | | | | |
|----------|---------------|-------|--------------|-----------|----------|----------------------|--------------|-----------|---------|------------|
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | |
| 13.92500 | G | 50000 | KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | 0004 |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | |
| 13.92500 | G | 50000 | KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | 0004 |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | |
| 13.97500 | G | 50000 | KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | 0005 |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | |
| 13.97500 | G | 50000 | KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | 0005 |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | |
| EC | 50000 | KHZ | 02.05.00 | | | | | | AR11/A | 2134 |
| 13.77500 | G | 50000 | KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 100.607653 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | 0001 |
| | (5) 5.503 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | OVERLAP | 6.000 MHZ |
| | ALL WORLD | | | | | | | | 85.8 | 14.8 71.0 |
| 13.77500 | G | 50000 | KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0001 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 | MIN. ALLOWED | 68.0 | | |
| 13.82500 | G | 50000 | KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0002 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | |
| 13.82500 | G | 50000 | KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0002 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 | MIN. ALLOWED | 68.0 | | |
| 13.87500 | G | 50000 | KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0003 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | |
| 13.87500 | G | 50000 | KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0003 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 | MIN. ALLOWED | 68.0 | | |
| 13.92500 | G | 50000 | KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0004 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | |
| 13.92500 | G | 50000 | KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0004 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 | MIN. ALLOWED | 68.0 | | |
| 13.97500 | G | 50000 | KHZ | 25M0G7W-- | -11.5 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0005 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | |
| 13.97500 | G | 50000 | KHZ | 4K00N0N-- | -28.8 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-4.5M-REC-580 | 54.0 | REC-580 | | 0005 |
| | ANTENNA DIAM. | 4.5 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.2 | MIN. ALLOWED | 68.0 | | |
| EC | 50000 | KHZ | 02.05.00 | | | | | | AR11/A | 2134 |
| 13.77500 | G | 50000 | KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | 100.607654 |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | 0001 |
| | (5) 5.503 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | OVERLAP | 6.000 MHZ |
| | ALL WORLD | | | | | | | | 93.6 | 22.6 71.0 |
| 13.77500 | G | 50000 | KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | 0001 |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | |
| 13.82500 | G | 50000 | KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ |
| | (4) 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | 0002 |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | |

| | | | | | | | | | | | |
|----------|---------------|-------|--------------|-----------|----------|-----------|---------------------|-----------|---------|--------|------|
| 13.82500 | G | 50000 | KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ | 0002 |
| | (4) | 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | | |
| 13.87500 | G | 50000 | KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ | 0003 |
| | (4) | 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | | |
| 13.87500 | G | 50000 | KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ | 0003 |
| | (4) | 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | | |
| 13.92500 | G | 50000 | KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ | 0004 |
| | (4) | 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | | |
| 13.92500 | G | 50000 | KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ | 0004 |
| | (4) | 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | | |
| 13.97500 | G | 50000 | KHZ | 25M0G7W-- | -19.3 | DBW (MIN) | 38.0 | DBW (MAX) | -36.0 | DBW/HZ | 0005 |
| | (4) | 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 42.5 | MIN. ALLOWED | 68.0 | | | |
| 13.97500 | G | 50000 | KHZ | 4K00N0N-- | -36.1 | DBW (MIN) | 0.0 | DBW (MAX) | -36.0 | DBW/HZ | 0005 |
| | (4) | 5.502 | | | | | TYPICAL-11M-REC-580 | 61.8 | REC-580 | | |
| | ANTENNA DIAM. | 11.0 | MIN. ALLOWED | 4.5 | E.I.R.P. | 25.6 | MIN. ALLOWED | 68.0 | | | |

| T2R | | 40.0 DB | | POINTING ACC 0.20 DEG | | 098.520068 | | |
|------------|------------|---------|-------|--|-----------------------|------------|--------|-------------------|
| EB | 2642.50000 | M | 25000 | KHZ | 16.08.99 | AR11/A | 2134 | 099.020877 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2642.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.020878 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2642.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.020879 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2642.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.020880 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2642.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.020881 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2642.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.020882 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2547.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.899188 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2567.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0002 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2592.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0003 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2617.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0004 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2547.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.899189 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2567.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0002 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2592.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0003 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2617.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0004 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| EB | 2547.50000 | M | 25000 | KHZ | 16.08.99 | | | 099.899190 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | 0001 |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2567.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0002 |
| | (4) | RR | 21.16 | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | |
| | ALL | WORLD | | | 091E38 59N25 RUS | | | |
| | | | | | | 39.3 | -121.9 | REF. BW 0.004 MHZ |
| | | | | | | AR11/A | 2134 | 30.1 -152.0 |
| 2592.50000 | M | 25000 | KHZ | 25M0G7W-- | 40.0 DBW -34.0 DBW/HZ | | | 0003 |

| | | | | | | | | | |
|------------|---------------|-------|-----|--|--------|--------|--|-------------------|------------|
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2617.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0004 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| EB | | 25000 | KHZ | 16.08.99 | AR11/A | 2134 | | | 099.899191 |
| 2547.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0001 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2567.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0002 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2592.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0003 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2617.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0004 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| EB | | 25000 | KHZ | 16.08.99 | AR11/A | 2134 | | | 099.899192 |
| 2547.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0001 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2567.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0002 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2592.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0003 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2617.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0004 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| EB | | 25000 | KHZ | 16.08.99 | AR11/A | 2134 | | | 099.899193 |
| 2547.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0001 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2567.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0002 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2592.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0003 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |
| 2617.50000 | M | 25000 | KHZ | 25M0G7W-- 40.0 DBW -34.0 DBW/HZ | | | | | 0004 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | | REF. BW 0.004 MHZ | |
| | ALL WORLD | | | 091E38 59N25 RUS | 39.3 | -121.9 | | 30.1 -152.0 | |

| | | | | | | | | | | | | | | |
|------------|------|-------|-------|-----------|------|-----|-------|--------|--|------|--------|---------|--------|------|
| 2592.50000 | M | 25000 | KHZ | 25M0G7W-- | 23.3 | DBW | -50.7 | DBW/HZ | 141E59 76N02 RUS | 30.0 | -148.0 | 4.0 | -152.0 | 0003 |
| | (4) | RR | 21.16 | | | | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | 141E59 76N02 RUS | 30.0 | -148.0 | 4.0 | -152.0 | |
| 2617.50000 | M | 25000 | KHZ | 25M0G7W-- | 23.3 | DBW | -50.7 | DBW/HZ | 141E59 76N02 RUS | 30.0 | -148.0 | 4.0 | -152.0 | 0004 |
| | (4) | RR | 21.16 | | | | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | 141E59 76N02 RUS | 30.0 | -148.0 | 4.0 | -152.0 | |

| T4R | | 40.0 DB POINTING ACC 0.20 DEG | | | 098.520068 | | | |
|------------|----------------|-------------------------------|----------|--|-------------|-------------------|------------|------|
| EB | 25000 KHZ | 16.08.99 | | | AR11/A 2134 | | 099.899199 | |
| 2547.50000 | M 25000 KHZ | 25M0G7W-- | 40.0 DBW | -34.0 DBW/HZ | | | | 0001 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2567.50000 | M 25000 KHZ | 25M0G7W-- | 40.0 DBW | -34.0 DBW/HZ | | | | 0002 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2592.50000 | M 25000 KHZ | 25M0G7W-- | 40.0 DBW | -34.0 DBW/HZ | | | | 0003 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2617.50000 | M 25000 KHZ | 25M0G7W-- | 40.0 DBW | -34.0 DBW/HZ | | | | 0004 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| EB | 5000 KHZ | 16.08.99 | | | AR11/A 2134 | | 099.899200 | |
| 2537.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0001 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2542.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0002 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2547.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0003 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2552.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0004 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2557.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0005 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2562.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0006 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2567.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0007 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2572.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0008 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2577.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0009 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2582.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0010 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2587.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0011 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2592.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0012 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2597.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0013 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2602.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0014 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |
| | ALL WORLD | | | 141E59 76N02 RUS | 30.0 -131.3 | 20.7 -152.0 | | |
| 2607.50000 | M 5000 KHZ | 5M00G7W-- | 33.0 DBW | -34.0 DBW/HZ | | | | 0015 |
| | (4) RR 21.16 | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | REF. BW 0.004 MHZ | | |

| | | | | | | | | | | | | | | |
|------------|------|------|-------|-----------|------|-----|-------|--------|--|------|--------|---------|--------|------|
| 2612.50000 | M | 5000 | KHZ | 5M00G7W-- | 33.0 | DBW | -34.0 | DBW/HZ | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | 0016 |
| | (4) | RR | 21.16 | | | | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | |
| 2617.50000 | M | 5000 | KHZ | 5M00G7W-- | 33.0 | DBW | -34.0 | DBW/HZ | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | 0017 |
| | (4) | RR | 21.16 | | | | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | |
| 2622.50000 | M | 5000 | KHZ | 5M00G7W-- | 33.0 | DBW | -34.0 | DBW/HZ | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | 0018 |
| | (4) | RR | 21.16 | | | | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | |
| 2627.50000 | M | 5000 | KHZ | 5M00G7W-- | 33.0 | DBW | -34.0 | DBW/HZ | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | 0019 |
| | (4) | RR | 21.16 | | | | | | FIXED-SATELLITE AND BROADCASTING-SATELLITE | | | REF. BW | 0.004 | MHZ |
| | | | | | | | | | 141E59 76N02 RUS | 30.0 | -131.3 | 20.7 | -152.0 | |

□

PROGRAM SNSBPFD TERMINATED OK.