

START OF JOB SNSBPF 13.01.04 15.39.48 VERSION 4.17 100520068 H karina 01N  
COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for GIGASAT-146E (100520068)** EXAMINATION REQUESTED BY : karina DATE: 13/01/04 15:39:48

|            |                |                     |                 |              |                   |             |            |
|------------|----------------|---------------------|-----------------|--------------|-------------------|-------------|------------|
| J          | GIGASAT-146E   | 146.00E             | 0.10            | 0.10         | 04.05.00          | C           | 100.520068 |
| <b>DMF</b> | <b>51.0 DB</b> | <b>POINTING ACC</b> | <b>0.20 DEG</b> |              | <b>100.520068</b> |             |            |
| EC         | 3500000 KHZ    | 04.05.00            |                 |              |                   |             | 100.607743 |
| 19.45000 G | 3500000 KHZ    | 1MOONON--           | 26.0 DBW        | -34.0 DBW/HZ |                   |             | 0001       |
|            | ( 8) RR 21.16  | FIXED-SATELLITE     |                 |              |                   | REF. BW     | 1.000 MHZ  |
|            | ALL WORLD      |                     |                 |              | 151W28 59N13 ALS  | 31.0 -106.3 | 8.7 -115.0 |

DMR

51.0 DB POINTING ACC 0.20 DEG

100.520068

EC 3500000 KHZ 04.05.00  
19.45000 G 3500000 KHZ 1MOONON-- 26.0 DBW -34.0 DBW/HZ  
( 8) RR 21.16 FIXED-SATELLITE  
ALL WORLD 148E42 59N14 RUS

100.607744  
0001  
REF. BW 1.000 MHZ  
51.0 -85.9 20.3 -106.1

|               |                |                              |                                       |                   |
|---------------|----------------|------------------------------|---------------------------------------|-------------------|
| <b>DTS</b>    | <b>13.0 DB</b> | <b>POINTING ACC 0.30 DEG</b> | <b>100.520068</b>                     |                   |
| ER            | 90000 KHZ      | 04.05.00                     |                                       | 100.607745        |
| 2245.00000 M  | 90000 KHZ      | 1M10G1D--                    | 2.5 DBW -35.8 DBW/HZ                  | 0001              |
| ( 3) RR 21.16 |                | SPACE RESEARCH,SPACE         | OPERATION,EARTH EXPLORATION-SATELLITE | REF. BW 0.004 MHZ |
| ALL WORLD     |                |                              | 151W28 59N13 ALS 11.0 -152.0          | 2.0 -154.0        |
| 2245.00000 M  | 90000 KHZ      | 1M10G2D--                    | 2.5 DBW -35.8 DBW/HZ                  | 0001              |
| ( 3) RR 21.16 |                | SPACE RESEARCH,SPACE         | OPERATION,EARTH EXPLORATION-SATELLITE | REF. BW 0.004 MHZ |
| ALL WORLD     |                |                              | 151W28 59N13 ALS 11.0 -152.0          | 2.0 -154.0        |
| 2245.00000 M  | 90000 KHZ      | 1M10G9W--                    | 2.5 DBW -35.8 DBW/HZ                  | 0001              |
| ( 3) RR 21.16 |                | SPACE RESEARCH,SPACE         | OPERATION,EARTH EXPLORATION-SATELLITE | REF. BW 0.004 MHZ |
| ALL WORLD     |                |                              | 151W28 59N13 ALS 11.0 -152.0          | 2.0 -154.0        |
| 2245.00000 M  | 90000 KHZ      | 1M00F3N--                    | 2.5 DBW -33.5 DBW/HZ                  | 0001              |
| ( 3) RR 21.16 |                | SPACE RESEARCH,SPACE         | OPERATION,EARTH EXPLORATION-SATELLITE | REF. BW 0.004 MHZ |
| ALL WORLD     |                |                              | 151W28 59N13 ALS 11.0 -149.8          | 4.2 -154.0        |

| DUF      |       | 51.0 DB POINTING ACC 0.20 DEG |           |                       | 100.520068       |                   |            |
|----------|-------|-------------------------------|-----------|-----------------------|------------------|-------------------|------------|
| EC       |       | 3500000 KHZ                   | 04.05.00  |                       |                  |                   | 100.607746 |
| 19.45000 | G     | 3500000 KHZ                   | 2G00F3N-- | 26.0 DBW -34.0 DBW/HZ |                  |                   | 0001       |
|          | ( 8 ) | RR 21.16                      |           | FIXED-SATELLITE       |                  |                   |            |
|          |       | ALL WORLD                     |           |                       | 151W28 59N13 ALS |                   |            |
| 19.45000 | G     | 3500000 KHZ                   | 1M00N0N-- | 26.0 DBW -34.0 DBW/HZ | 31.0 -106.3      | REF. BW 1.000 MHZ | 0001       |
|          | ( 8 ) | RR 21.16                      |           | FIXED-SATELLITE       |                  | 8.7 -115.0        |            |
|          |       | ALL WORLD                     |           |                       | 151W28 59N13 ALS |                   |            |
| EC       |       | 3500000 KHZ                   | 04.05.00  |                       |                  |                   | 100.607747 |
| 19.45000 | G     | 3500000 KHZ                   | 2G00F3N-- | 26.0 DBW -34.0 DBW/HZ |                  |                   | 0001       |
|          | ( 8 ) | RR 21.16                      |           | FIXED-SATELLITE       |                  |                   |            |
|          |       | ALL WORLD                     |           |                       | 151W28 59N13 ALS |                   |            |
| 19.45000 | G     | 3500000 KHZ                   | 1M00N0N-- | 26.0 DBW -34.0 DBW/HZ | 31.0 -106.3      | REF. BW 1.000 MHZ | 0001       |
|          | ( 8 ) | RR 21.16                      |           | FIXED-SATELLITE       |                  | 8.7 -115.0        |            |
|          |       | ALL WORLD                     |           |                       | 151W28 59N13 ALS |                   |            |
| EC       |       | 3500000 KHZ                   | 04.05.00  |                       |                  |                   | 100.607748 |
| 19.45000 | G     | 3500000 KHZ                   | 2G00F3N-- | 26.0 DBW -34.0 DBW/HZ |                  |                   | 0001       |
|          | ( 8 ) | RR 21.16                      |           | FIXED-SATELLITE       |                  |                   |            |
|          |       | ALL WORLD                     |           |                       | 151W28 59N13 ALS |                   |            |
| 19.45000 | G     | 3500000 KHZ                   | 1M00N0N-- | 26.0 DBW -34.0 DBW/HZ | 31.0 -106.3      | REF. BW 1.000 MHZ | 0001       |
|          | ( 8 ) | RR 21.16                      |           | FIXED-SATELLITE       |                  | 8.7 -115.0        |            |
|          |       | ALL WORLD                     |           |                       | 151W28 59N13 ALS |                   |            |

DUR 51.0 DB POINTING ACC 0.20 DEG

100.520068

|            |               |           |          |                 |        |       |     |            |             |
|------------|---------------|-----------|----------|-----------------|--------|-------|-----|------------|-------------|
| EC         | 3500000 KHZ   | 04.05.00  |          |                 |        |       |     |            | 100.607749  |
| 19.45000 G | 3500000 KHZ   | 2G00F3N-- | 26.0 DBW | -34.0 DBW/HZ    |        |       |     |            | 0001        |
|            | ( 8) RR 21.16 |           |          | FIXED-SATELLITE |        |       |     |            |             |
|            | ALL WORLD     |           |          |                 | 148E42 | 59N14 | RUS |            |             |
| 19.45000 G | 3500000 KHZ   | 1M00N0N-- | 26.0 DBW | -34.0 DBW/HZ    |        |       |     | 51.0 -85.9 | 20.3 -106.1 |
|            | ( 8) RR 21.16 |           |          | FIXED-SATELLITE |        |       |     |            | 0001        |
|            | ALL WORLD     |           |          |                 | 148E42 | 59N14 | RUS |            |             |
| EC         | 3500000 KHZ   | 04.05.00  |          |                 |        |       |     |            | 100.607750  |
| 19.45000 G | 3500000 KHZ   | 2G00F3N-- | 26.0 DBW | -34.0 DBW/HZ    |        |       |     |            | 0001        |
|            | ( 8) RR 21.16 |           |          | FIXED-SATELLITE |        |       |     |            |             |
|            | ALL WORLD     |           |          |                 | 148E42 | 59N14 | RUS |            |             |
| 19.45000 G | 3500000 KHZ   | 1M00N0N-- | 26.0 DBW | -34.0 DBW/HZ    |        |       |     | 51.0 -85.9 | 20.3 -106.1 |
|            | ( 8) RR 21.16 |           |          | FIXED-SATELLITE |        |       |     |            | 0001        |
|            | ALL WORLD     |           |          |                 | 148E42 | 59N14 | RUS |            |             |
|            |               |           |          |                 |        |       |     | 51.0 -85.9 | 20.3 -106.1 |

□

PROGRAM SNSBPFD TERMINATED OK.