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June 11, 2004

Ms. Shahnaz Ghavami
Satellite and Radiocommunication Division
Federal Communications Commission
445 12th Street SW 6th Floor
Washington, DC 20054

Re: Information response request: Call Sign: E980250

Dear Ms. Ghavami

In response to Loral's applications for an STA and Permanent license, I am providing the following and 2 Excel.doc matrixes of the operating parameters for the STA and Permanent license authority.

In terms of background to this STA and permanent license request; the 13m C-B Kapolei-HI antenna will be used for T18 TT&C functions only during the IOT phase following the launch, which is currently planned for 06/28/04. The T18 C-B payload IOT itself will be performed from a separate antenna. The 13m C-B Kapolei-HI antenna shall not be used for any T18 C-B payload IOT. The 13m C-B Kapolei-HI antenna will also be used under a separate license application for T18 long-term operations following the IOT phase.

In terms of TT&C longitudes, for frequency coordination reasons there are 3 specific spacecraft longitudes related to IOT that are applicable to the STA, and one spacecraft longitude related to the permanent operations of the spacecraft. These are:

- Interim 142.00E longitude for C-B payload only IOT where the 13m C-B Kapolei-HI antenna will be used for T18 TT&C functions only. The current planning shows the C-B payload IOT occurring in the 07/08/04 to 0719/04 approximate timeframe.

- Drift from 142.00E to 138.05E during which the 13m C-B Kapolei-HI antenna will be used for T18 TT&C functions only

- Interim 138.05E longitude for Ku-B payload only IOT will be performed via an 11 meter Ku-B earth station, FCC Call Sign E980156, where the 13m C-B Kapolei-HI antenna will be used for T18 TT&C functions only. The current planning shows the Ku-B payload IOT occurring in the 07/25/04 to 08/01/04 approximate timeframe.

- Drift from 138.05E to 138.00E during which the 13m C-B Kapolei-HI antenna will be used for T18 TT&C functions only

- OT handover at final 138.00E longitude for start of long-term operations where the 13m C-B Kapolei-HI, antenna will only be used for T18 TT&C functions. The current planning shows the T18 spacecraft IOT handover occurring in the 08/03/04 approximate timeframe.

The 13m C-B Kapolei-HI antenna will be used to transmit an uplink command or ranging carrier centered at 6425.0 MHz with the narrow bandwidth designated in the application. Correspondingly, the antenna will also be used to receive a downlink telemetry or ranging carrier centered at 4199.0 MHz with the narrow bandwidth designated in the application. The antenna will not be used for any CW testing. The antenna shall be used with linear polarization and nominal EIRP characteristics during nominal operations. In the event of very specific T18 spacecraft emergencies it is possible that the antenna could be used for short-term contingency operations with circular polarization and maximum uplink EIRPcharacteristics, but it is likely that this will never happen. The polarization and EIRP characteristics are described in the STA for these two scenarios

If you require additional information please contact me.

Sincerely,

Stan Edinger