

Special Temporary Authority Application

Summary of the Earth Station Technical Information

Call Signs: E980250

File Nos.: SES-MOD-2004082501242

Name of the Applicant: Loral Skynet Network Services, Inc. (Debtor-in-Possession)

Name of the contact representative: Stanley Edinger, 908-470-2342, se@loralskynet.com

STA term: 60 days

Location of Earth Station: Kapolei, Hawaii

Site Location: 91-340 Farrington Highway, Kapolei, Hawaii

Latitude: 21 20 12.6 N

Longitude: 158 5 21.1 W

Frequency Bands and Polarity: 5925 - 6425 MHz Transmit (V, H)

3700 - 4200 MHz Receive (V, H)

Antenna Diameter and Transmission Characteristics: 13 Meter FCC32 VERTEX KPC

Input power Density into the antenna: 450 Watts

Antenna Size: 13.0 Meter

Gain: Tx: 56.3 dBi @ 6.000 GHz

Rx: 53.3 dBi @ 4.000 GHz

Maximum antenna height: 15.1 Meters AGL/ 54.7 AMSL

Ground Elevation: AMSL (Ft/m) 129.93 / 39.60

Frequency Bands Tr Emission Max EIRP Max EIRP Density

5925 - 6425 MHz 360KG7W 60.0 dBW 40.5 dBW/4 kHz

Emission description: Digital SCPC, QPSK/data

Frequency Bands Re Emission Max EIRP Max EIRP Density

3700 - 4200 MHz 360KG7W -----

Emission description: Digital SCPC, QPSK/data

Range of Satellite Arc Eastern Limit**	Range of Satellite Arc Western Limit**	Antenna Elevation Angle Eastern Limit	Antenna Elevation Angle Western Limit	Earth Station Azimuth Angle Eastern Limit	Earth station Azimuth Angle Western Limit	
214.0	232.0	23.5	6.3	256.2	264.0	

Satellite to be used: Telstar 18/Apstar V

Location: 138° E.L.

ITU designation: TONGASAT C/KU-3