

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
EXTEND STA for 6425-6650 MHz KAPOLEI Sept 13

1. Applicant

Name:	Loral Skynet Network Services, Inc. (Debtor-in-Possession)	Phone Number:	908-470-2342
DBA Name:		Fax Number:	908-470-2453
Street:	500 Hills Drive PO Box 7018	E-Mail:	se@loralskynet.com
City:	Bedminster	State:	NJ
Country:	USA	Zipcode:	07921 -7018
Attention:	Mr Stanley Edinger		

"See Attachment"

File # SES-STA-2005 0915-01259

Call Sign E980250 Grant Date Oct 4, 2005
(or other identifier)

Term Dates
From Oct 18, 2005 To Dec. 18, 2005

Approved: Janette D. Spriggs



2. Contact

Name:	Loral Skynet Network Services, Inc. (Debtor-in-Possession)	Phone Number:	908-470-2342
Company:		Fax Number:	908-470-2453
Street:	500 Hills Drive PO Box 7018	E-Mail:	se@loralskynet.com
City:	Bedminster	State:	NJ
Country:	USA	Zipcode:	07921 -7018
Attention:	Mr Stanley Edinger	Relationship:	Same

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number SESSTA2005041200430 or Submission ID

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date
10/17/2005

7. City KAPOLEI	8. Latitude (dd mm ss.s h) 21 20 12.6 N
9. State HI	10. Longitude (dd mm ss.s h) 158 5 21.1 W
11. Please supply any need attachments. Attachment 1: A Attachment 2: B Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">EXTEND STA TO COMMUNICATE FROM E980250, KAPOLEI, HI VIA TELSTAR 18, USING FREQUENCIES 6425-6650 MHz, FOR AN ADDITIONAL 60 DAYS</div>	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing STANLEY EDINGER	15. Title of Person Signing MANAGER, GOVERNMENT RELATIONS
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

ATTACHMENT

Conditions of Special Temporary Authorization—SES-STA-20050915-01259

Loral Skynet Network Services, Inc. (Debtor-in Possession)

Call Sign: E980250

Grant Date: October 4, 2005

Loral Skynet Network Services, Inc.'s (Debtor-in Possession) ("Loral") request for Special Temporary Authority, File No. SES-STA-20050915-01259, IS GRANTED.¹ Accordingly, Loral is authorized to operate an earth station in Kapolei, Hawaii (Call Sign: E980250), using conventional C-band frequencies, 5925-6425 MHz transmit (V,H), and 3700-4200 MHz receive (V,H), to communicate with the Telstar 18/ Apstar V/ Tongasat satellite at (International designation:2004-024A) the 138° E.L. orbital location for the period of October 18, 2005 to December 18, 2005 in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Federal Communications Commission's ("Commission") Rules.

1. Loral's earth station operation shall be on a non-harmful interference basis, *i.e.*, Loral shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating earth station or satellites.
2. In the event that any harmful interference occurs as a result of the earth station, Loral shall cease operations immediately upon notification of such interference and shall inform the Commission in writing immediately of such an event.
3. Loral is prohibited from sending or receiving any Direct-to-Home (DTH) service, Direct Broadcast Satellite (DBS) service, or Digital Audio Radio Service (DARS) to or from the satellite.
4. Loral is prohibited from sending or receiving analog video services or any FM video television services to or from the satellite.
5. With reference to Article 18 of the ITU Radio Regulations, the United States is not the "government of the country to which" the satellite "is subject," and is not acting on behalf of any other government. Operations of earth station call sign (E980250) are expressly conditioned upon that space station (or those space stations) having been licensed, within the meaning of Article 18, by the government, or on behalf of the government, of the country to which the station is subject.

¹ Our action here is without prejudice to Loral's pending modification request. File No. SES-MOD-20040825-01242.

6. Loral is only authorized to provide communication services from the Loral Kapolei, Hawaii earth station that would communicate to points in WTO member countries within the satellite footprint.
7. Loral is afforded 30 days from the date of release of this grant and authorization to decline this authorization, as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization, as conditioned.

Extension Special Temporary Authority Application

Summary of the Earth Station Technical Information

Call Signs: E980250

File Nos.: SES-STA-20050412-00430

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 extension 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: 6425-6650 MHz Transmit (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

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
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6425-6650 MHz		36M0F9W	82.8 dBW	55.8 dBW/4 kHz
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Emission description: Analog TV/FM with associated audio subcarriers

Frequency Bands	Tr	Emission	Max EIRP	Max EIRP_Density
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6425-6650 MHz		360KG7W	60.0 dBW	40.5 dBW/4 kHz
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Emission description: Digital SCPC, QPSK/data, voice & video, rate 1/2 FEC, 256 Kbps

Frequency Bands	Tr	Emission	Max EIRP	Max EIRP_Density
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6425-6650 MHz		36M0G7W	80.0 dBW	40.5 dBW/4 kHz
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Emission description: Digital Multiplex, QPSK/data, voice & video, rate 7/8 FEC, 48.38 Mbps

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
Location: 138° E.L.
ITU designation: TONGASAT C/KU-3

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Stanley Edinger
Manager – Government Relations

500 Hills Drive
P.O. Box 7018
Bedminster, NJ 07921
Tel.: 908-470-2342
Fax: 908-470-2453
E mail: se@loralskynet.com

September 13, 2005

Ms. Magalie Roman Salas
Federal Communications Commission
Satellite and Radiocommunication Division
445 12th Street SW
Washington, DC 20054

Attention: International Satellite Engineering Branch

Re: Request for extension of Special Temporary Authority (STA) Kapolei, Hawaii
File Number: SES-STA-20050412-00430 Call Sign: E980250

Dear Ms. Salas:

On June 13, 2005 Loral Skynet Network Services, Inc. (Debtor-in Possession) ("Loral") was granted authorization (**SES-STA-20050412-00430**) to operate its earth station in Kapolei, Hawaii (Call E980250) using extended C-band frequencies, 6425-6650 MHz Transmit (V, H), to communicate with the Telstar 18/Apstar V/Tongasat satellite ("Telstar 18") at (International designation: 2004-024A) the 138° E.L. orbital location for a period of 120 days beginning June 14 and ending October 15, 2005.

Loral requests this STA be extended for an additional 60 days.

Grant of this request will serve the public interest by ensuring continued use of extended C-band capacity on the Telstar 18 satellite for the temporary provision of international satellite communications services from Loral's Kapolei, Hawaii gateway earth station.

Please contact Stanley Edinger if you have any questions concerning this correspondence at:

Loral Skynet
Attn: Mr. Stanley Edinger, Manager
Government Relations
500 Hills Drive, P.O. Box 7018
Bedminster, NJ 07921
Telephone Number (908-470-2342)
Fax Number (908-470-2453)
E mail: se@loralskynet.com

Sincerely,

Stanley Edinger

Copy to: Mr. Scott Kotler (FCC) Washington, DC
Ms. Shahnaz Ghavami (FCC) Washington, DC
Ms. Jeanette Spriggs (FCC) Washington, DC
FCC Columbia Operations Center, Columbia, Maryland