

E030029 SES-STA-20051229-01811  
LORAL SPACECOM CORPORATION

IB200500300

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:  
FEMA KATRINA RELATED STA REQUEST DECEMBER 29

1. Applicant

|                   |                            |                      |                    |
|-------------------|----------------------------|----------------------|--------------------|
| <b>Name:</b>      | LORAL SPACECOM CORPORATION | <b>Phone Number:</b> | 908-470-2342       |
| <b>DBA Name:</b>  |                            | <b>Fax Number:</b>   | 908-470-2453       |
| <b>Street:</b>    | 500 Hills Drive<br>7018    | <b>E-Mail:</b>       | sc@loralskynet.com |
| <b>City:</b>      | Bedminster                 | <b>State:</b>        | NJ                 |
| <b>Country:</b>   | USA                        | <b>Zipcode:</b>      | 07921 -7018        |
| <b>Attention:</b> | Mr Stanley Edinger         |                      |                    |



File # SES-STA-20051229-01811

Call Sign E030029 **Grant Date** 1/31/06  
(or other identifier)

**Transmit Setup**  
From 2/11/06 To 4/11/06

Approved: Janetta E. Spriggs

**2. Contact**

|                   |                                     |                      |                    |
|-------------------|-------------------------------------|----------------------|--------------------|
| <b>Name:</b>      | Stanley Edinger                     | <b>Phone Number:</b> | 908-470-2342       |
| <b>Company:</b>   | Loral Skynet Network Services, Inc. | <b>Fax Number:</b>   | 908-470-2453       |
| <b>Street:</b>    | 500 Hills Drive<br>PO Box 7018      | <b>E-Mail:</b>       | se@loralskynet.com |
| <b>City:</b>      | Bedminster                          | <b>State:</b>        | NJ                 |
| <b>Country:</b>   | USA                                 | <b>Zipcode:</b>      | 07921 -7018        |
| <b>Attention:</b> | Mr Stanley Edinger                  | <b>Relationship:</b> | 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 SESSTA2005100401364 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    CGS - Fixed Satellite Small Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant                       Change Station Location                       Other

6. Requested Use Prior Date

02/11/2006



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**Special Temporary Authority Application Hurricane Katrina  
FCC File No. SES-STA-20051004-01364**

Loral will be providing access out of its MT. Jackson earth station FCC Call sign: E030029. Loral will only use Telstar 14, which is on the Permitted Space Station List, for a point of communications.

**Summary of the Earth Station Technical Information**

Name of the Applicant: Loral Skynet Network Services, Inc.  
Name of the contact representative: Stanley Edinger, 908-470-2342, se@loralskynet.com

STA term: 90 days

Frequency Bands and Polarity: 14000-14500 MHz Transmit (V, H)  
11700-12200 MHz Receive (V, H)

Antenna Manufacturer: MotoSat  
Antenna Model Number: DataStorm F3\_  
Antenna Size: 1.2 Meter  
Antenna Gain: Tx: 42.9 dBi @ 14.0000 GHz  
Rx: 41.5 dBi @ 11.7000 GHz

Maximum antenna height: Various  
Ground Elevation: AMSL (Ft/m): Various  
Carrier Transmit EIRP: 48.4 dBW  
Feed Flange Power: 5.4 dBW  
Maximum Uplink Power Density: -16.9  
EIRP Density: 26.1 dBW/4 kHz  
Emission Designator: 150KG7W to 960KG7W  
Emission Description: 150 kHz to 960 kHz, QPSK, MF-TDMA, Data

Location: Various  
Earth Station to operate only in a stationary position.  
Latitude: Various  
Longitude: Various

| 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 |
|--|--|---------------------------------------|---------------------------------------|---|---|
| Various                                | Various                                | Various                               | Various                               | Various                                   | Various                                   |

Satellite to be used: TELSTAR 14 a Non-U.S licensed satellite on the Permitted Space Station List.



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

December 29, 2005

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

Attention: International Satellite Engineering Branch

Re: “Katrina – related STA request

Dear Ms. Salas:

On September 20, 2005 Loral Skynet Network Services, Inc. (debtor-in Possession) (“Loral”) was granted Verbal Authority for a 30 day period to provide emergency communications in areas impacted by Hurricane Katrina.

On October 4, 2005 Loral respectfully submitted an STA request pursuant to Section 25.120 of the Commission’s rules, to provide service for a period ending on February 12, 2006.

Loral respectfully requests this STA be extended for 90 additional days.

Grant of this STA is necessary and will serve the public interest by allowing for the positioning of 20 VSATS at various sites for use by FEMA. in conjunction with its relief efforts. Loral will be providing connectivity through its Mount. Jackson, VA earth station, FCC Call sign: E030029 via transponder capacity on Telstar 14, a Ku-band satellite which is on the Permitted Space Station List, as a point of communication.

In the extremely unlikely event that harmful interference to any lawfully operating communications station should occur, Loral shall cease operations immediately upon notification of such interference and will inform the commission in writing immediately of such an event..

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)  
Sincerely,

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