

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA - Paumalu, HI 19m Antenna (LEOP)

I. Applicant	
Name:	Inmarsat Hawaii Inc.
DBA Name:	
Street:	1101 Connecticut Avenue NW Suite 1200
City:	Washington
Country:	USA
Attention:	Diane J Cornell
Phone Number:	202-248-5155
Fax Number:	202-248-5186
E-Mail:	diane_cornell@inmarsat.com
State:	DC
Zipcode:	20036



30 days "with conditions"

File# SES-STA-20110222-00184

Call Sign KA25 Grant Date 03/01/2011
(or other identifier)

From Launch 3/27/2011 Term Data +30 days

Approved: Paul E. [Signature]

ATTACHEDMENT

INMARSAT HAWAII INC.
SES-STA-20110222-00184
KA25

Conditions on STA:

Authority to support the needed TTAC during the LEOP of the YahSat 1A spacecraft from shortly after launch to low earth and transfer orbits is granted for 30 days beginning 27 Mar 2011 upon the conditions listed below:

1. All operations pursuant to this authorization shall be on an unprotected and non-harmful interference basis. Operations shall not cause harmful interference to, and Inmarsat Hawaii Inc. shall not claim protection from interference caused by, any other lawfully operating station. In the event that harmful interference results, operations shall cease immediately upon notification of such interference, and Inmarsat Hawaii Inc. shall immediately inform the Commission in writing of such event.

2. Operations are restricted to:

EARTH-to-SPACE:

For Transmit Frequencies: 6419.0 MHz and 6421 MHz
Transmit Polarization: Circular LH and RH
Maximum EIRP: 89 dBW
Modulation: PCM (NRZ-L)/PSK/FM (800KFXD)
Minimum Elevation for Transmission: 10 degrees

SPACE-to-EARTH:

Receive Frequencies: 4198.0 MHz and 4199.0 MHz
Receive Polarization: Circular LH and RH
Maximum Spacecraft EIRP: 2 dBW within +/- 70 degrees
Modulation: PCM (NRZ-L)/BPSK/PM (800KFXD)

3. Inmarsat Hawaii Inc. must coordinate 48 hours in advance of the time and duration of the station's transmissions, with potentially affected lawfully operating stations.

4. Authority to provide commercial service to the United States is not granted.

30 days "With Conditions"

File# SES-STA-20110222-00184

Call Sign KA25 Grant Date 03/01/2011
(or other identifier)
3/27/2011 Term Dates
From LAUNCH To: + 30 days

Approved: Paul E. Glass

