

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Special Temporary Authority (E010049)

1. Applicant

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<b>Country:</b>	USA	<b>Zipcode:</b>	20036 -
<b>Attention:</b>	Ms Regan Rishel		



Applicant: Inmarsat Solutions (US) Inc.  
Call Sign: E010049  
File No.: SES-STA-20160225-00167  
Special Temporary Authority (STA)

Inmarsat Solutions (US) Inc. is granted special temporary authority (STA) for 60 days beginning on March 3, 2016 to operate currently authorized remote terminal earth stations with the Inmarsat-3 F5 satellite at the 54 W.L. in the 1626-1680.5 MHz, (Earth-to-space) and 1525-1559 (space-to-Earth) frequency bands under the following conditions. 45 Pgs

- 1) All antennas must operate with authorized emission limits in current authorizations
- 2) Operations shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
- 3) Grant of this STA is without prejudice to any determination that the Commission may make regarding other pending or future applications.
- 4) Any action taken or expense incurred as a result of operations pursuant to this STA is solely at the applicant's risk.
- 5) Grant of this STA does not constitute market access for any other U.S. earth station.
- 6) If the Inmarsat plc application IBFS File No. SAT-PPL-20160111-00001 is dismissed or denied this authorization becomes invalid and operations with the Inmarsat-3 F5 satellite must cease immediately.
- 7) This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

*60 days*                      *"with conditions"*

 <b>GRANTED</b> International Bureau	<b>File #</b> <u>SES-STA-20160225-00167</u>
	<b>Call Sign</b> <u>E010049</u> <b>Grant Date</b> <u>03/03/2016</u> (or other identifier)
	<b>Term Dates</b> <b>From</b> <u>03/03/2016</u> <b>To</b> <u>05/02/2016</u>
	<b>Approved:</b> <i>[Signature]</i>

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY  
(Call Signs E010048, E010049, and E010050)**

Inmarsat Solutions (US) Inc. (“IS-US”) hereby requests Special Temporary Authority (“STA”) for 60 days beginning on March 3, 2016 to add the Inmarsat-3 F5 satellite (the “I3F5” satellite) at the 54° W.L. orbital location as a point of communication for the above referenced blanket licensed mobile earth stations while the underlying application to amend the ISAT List is being processed.<sup>1</sup>

The earth station authorizations at issue cover mobile terminals that communicate with satellites operated by IS-US’s corporate parent, Inmarsat plc (“Inmarsat”), using L-band frequencies (1525-1559 MHz and 1626.5-1660.5 MHz). At present, Inmarsat operates the Inmarsat-3 F4 satellite (the “I3F4” satellite) at 54° W.L. It was added to the ISAT List at this location in 2009,<sup>2</sup> and has been operating there for over six years without incident. Inmarsat has filed an application to amend the ISAT List to replace I3F4 with I3F5 (*see* IBFS File No. SAT-PPL-20160111-00001). As explained in that application, the I3F4 and I3F5 satellites were the last of a series of third-generation Inmarsat satellites built by Lockheed Martin and Matra Marconi Space, and have virtually identical designs. Accordingly, the I3F5 satellite will operate with the same parameters, and provide the same types of “existing and evolved” Inmarsat services, as the I3F4 satellite it is replacing. I3F5 has arrived at its new location, and Inmarsat has scheduled traffic transfer to begin on or about March 3, 2016.

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<sup>1</sup> *See* IBFS File No. SAT-PPL-20160111-00001. To the extent necessary, IS-US hereby incorporates by reference the technical information provided in Inmarsat’s application.

<sup>2</sup> *See* Grant Stamp, IBFS File Nos. SAT-PPL-20090107-00003 and SAT-APL-20090115-00005 (Apr. 6, 2009).

The requested STA would serve the public interest by allowing the transition of services to a new satellite while the Commission processes Inmarsat full application, ensuring continuity of services to, from, and within the United States during the reconfiguration of Inmarsat's in-orbit fleet. Because the new satellite will operate with the same parameters as the one it is replacing, and IS-US is not requesting any change in authorized parameters for its earth stations, the requested STA will not change the existing interference environment. IS-US therefore respectfully requests that the Commission grant this STA request as expeditiously as possible.