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Wiley Rein & Fielding



File # SAT-STA-20030715-0030

Call Sign \_\_\_\_\_ Grant Date 7/16/03

(or other identifier)

Term Dates

From 7/16/03

To: 8/14/03

Approved: Thomas S. Tye

Jennifer D. Hindin  
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July 15, 2003

Ms. Marlene H. Dortch  
 Secretary  
 Federal Communications Commission  
 236 Massachusetts Avenue, N.E., Suite 110  
 Washington, DC 20002

Re: Request for Special Temporary Authority for INTELSAT 602  
 Call Sign: S2389

Dear Ms. Dortch:

Intelsat LLC ("Intelsat") herein requests Special Temporary Authority ("STA")<sup>1</sup> for 30 days to stop INTELSAT 602 at 50.5° E.L. and to begin operations at that location. INTELSAT 602 currently is drifting toward 66.15° E.L. pursuant to an STA.<sup>2</sup> As further explained below, because Intelsat wishes to begin operating INTELSAT 602 at 50.5° E.L. by July 17, 2003 it requests expeditious treatment of this STA request.

50.5° E.L. is a location for which the Administration of Thailand holds the ITU filings. Shin Satellite, which has the concession from the Administration of Thailand to operate a satellite at that location, has immediate need for testing of its IPStar broadband service provision platform at that location. Because the INTELSAT 602 satellite is very near the 50.5° E.L. location, Intelsat has the opportunity to provide payload capacity to Shin Satellite for this testing. The testing will be performed in C-band, and may also be performed in Ku-band, time permitting.

If authorized by the FCC, Intelsat currently plans to keep the satellite at 50.5° E.L. for 30 days or less during this testing, and then continue the drift toward 66.15° E.L.<sup>3</sup> At all times during the INTELSAT 602 satellite's temporary stay at 50.5°

<sup>1</sup> Intelsat has filed its STA request, this supporting letter, an FCC Form 159 and a \$705.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> See *Request for Special Temporary Authority for INTELSAT 602*; Call Sign 2389; File No. SAT-STA-20030502-00078 (stamp grant from Jennifer Gilsonan, FCC, to Jennifer Hindin, Wiley, Rein & Fielding LLP, provided on May 16, 2003, with conditions. Intelsat filed a request to extend the STA on June 12, 2003. See *Request for Extension of Special Temporary Authority for INTELSAT 602*; Call Sign 2389 (filed June 12, 2003).

<sup>3</sup> Intelsat has a pending application to modify the license of INTELSAT 602 to authorize its permanent operation at 66.15 E.L. See *Application of Intelsat LLC to Modify Authorization*

**Attachment**  
**Call Sign S2389**  
**SAT-STA-20030715-00130**

With this grant, Intelsat LLC is authorized to immediately begin testing operations in the C-band and Ku-band at the 50.5° E.L. orbital location, for a period of 30 days, subject to the following conditions:

- 1) Intelsat LLC's testing shall be on a non-interference basis with respect to other lawfully operating satellites;
- 2) Intelsat shall coordinate with existing geostationary satellites to ensure that no unacceptable interference results from its in-orbit testing operations;
- 3) In the event that any unacceptable interference does occur, Intelsat LLC shall cease operations until the issue is rectified;
- 4) During the 30 day testing period, Intelsat LLC shall maintain full operational control of the INTELSAT 602 satellite at all times;
- 5) Any actions taken as a result of this special temporary authority ARE SOLELY AT INTELSAT LLC'S OWN RISK; and
- 6) Intelsat must submit, within 7 calendar days, a statement from the Thai Government indicating (1) the date on which it will become the licensing administration for the satellite, for purposes of Article 18.1 of the ITU Radio Regulations, and the scope of the Thai Government authorization (i.e. duration and conditions associated with the authorization). This grant is subject to modification insofar as necessary to render the scope of this authorization compatible with Thai Government authorizations, or with any understandings reached subsequently between the Thai and U.S. regulatory authorities concerning the operations of the satellite.
- 7) This temporary authorization and any further operations of the satellite are subject to the following conditions: (1) Intelsat shall seek FCC authorization for any future operations of the satellite outside the scope of Thai Government authorizations; (2) Intelsat will, barring catastrophic failure of satellite components, maintain the capability to deorbit the satellite to an orbit with a perigee of no less than 300 kilometers above the geostationary altitude, by, for example, maintaining adequate fuel reserves; and (3) will deorbit the satellite to such an orbit and its end-of-life.

This grant also confirms the verbal authority granted to Intelsat on July 16, 2003 to stop INTELSAT 602 at 50.5° E.L.