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August 10, 2006

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554

Re: File Nos. SES-MOD-20051209-01729 (E020314); SES-MOD-20051209-01769  
(KA262)  
ESV C-band Coordination Notice

Dear Ms. Dortch:

Pursuant to Section 25.221(e) of the Commission's rules, 47 C.F.R. 25.221(e), and the Commission's June 15, 2005 Public Notice, DA 05-1671, Intelsat North America LLC hereby submits, in Appendix 1, coordination information with respect to 35 ports that will be utilized by the ESV antennas that are the subject of the above-referenced modification applications.

Please contact the undersigned should you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer D. Hindin".

Jennifer D. Hindin

cc: [ESV@fcc.gov](mailto:ESV@fcc.gov)

## Appendix 1

### Coordination Information for Intelsat ESV Hub Applications (File Nos. SES-MOD-20051209-01730, SES-MOD-20051209-01729, SES-MOD-20051209-01769)

Intelsat hereby submits coordination information, per the requirements of the Commission's June 15, 2005 Public Notice (DA 05-1671), with respect to the following pending applications:

- SES-MOD-20051209-01730 for Intelsat earth station call sign E990551;
- SES-MOD-20051209-01729 for Intelsat earth station call sign E020314; and
- SES-MOD-20051209-01769 for Intelsat earth station call sign KA262.

The coordination was conducted by Skjei Telecom, Inc in collaboration with Comsearch.

#### ***1. Name and contact information of the frequency coordinator***

Ken Ryan  
Skjei Telecom, Inc.  
7777 Leesburg Pike, Suite 315N  
Falls Church, VA 22043

#### ***2. Reference identification, date, and duration (if relevant) of the coordination report***

The reference identification and date information is given in Table A below.

#### ***3. Frequency coordination method used***

The Critical Contour Point method of determining worst case interference from the route and port sites was the interference method used.

#### ***4. Interference criteria used***

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The following interference objectives were used:

Long Term -154.0 dBW/4 kHz for 20% of the time

Short Term -131.0 dBW/4 kHz for 0.0025% of the time

***5. Speed of coordinated vessel, if relevant***

This information has not been used in the worst case methodology used for carrying out the coordination.

***6. Center frequencies, bandwidths, and total spectrum coordinated per satellite***

In any geographic location, coordination has been sought for a total of 8 MHz of spectrum within the 5925-6425 MHz (Earth-to-space) frequency band on each of at most two satellites. The corresponding bandwidth and center frequencies are as follows: 4 MHz of spectrum at 5927 MHz and 4 MHz of spectrum at 6423 MHz.

***7. Name of satellite(s) and transponder(s) being used***

- a) Intelsat satellite IS-707@307°E, transponder 11/11 (ESV) for communications with earth station call sign E990551.
- b) Intelsat satellite IS-605@174°E, transponder 88/88 (ESV) for communications with earth station call sign E020314.
- c) Intelsat satellite IS-707@307°E, transponder 18/18 (ESV) for communications with earth station call sign KA262.

***8. Textual description and scaled map of the geographic area(s) coordinated***

The geographic areas coordinated consist of multi-routes towards 35 U.S. ports listed in Table A below. An idea of these areas<sup>1</sup> is given in Figures 1 to 35 in the attached document.



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<sup>1</sup> In some cases, the maps provided do not include the full area coordinated.

***9. 24/7 contact information for the ESV operator***

As stated in the pending applications, the 24/7 contact information for the ESV operator is the Intelsat NOC (Network Operations Center) in Washington, DC. The contact information is as follows: E-mail: noc.ops@intelsat.com / Phone: 202-944-6792.

***10. Call sign of the hub station if independently licensed***

The hub station is not independently licensed. Intelsat is the ESV operator and the hub licensee, so it did not apply for a separate license for the ESV terminals. Instead, Intelsat has applied to modify the existing licenses of its hub antennas to add ESV transmissions.

***11. Statement concerning unresolved coordination requests***

As of the date of this notification there are no unresolved coordination requests for ESVs operated by Intelsat that would result in Section 25.203(a)(8)'s maximum limit of 180 MHz of coordinated spectrum for all ESV operations in the coordination area being exceeded.

**Table A. Reference identification and date of coordination reports**

| Coordination report number | Coordination area | Date       | Reference identification |
|----------------------------|-------------------|------------|--------------------------|
| 1                          | BARBERS PT, HI    | 03/23/2006 | 060131SKJTEL17           |
| 2                          | BEAUMONT, TX      | 03/15/2006 | 051108SKJTEL04           |
| 3                          | Boston, MA        | 03/15/2006 | 051108SKJTEL07           |
| 4                          | CALCITE, MI       | 03/23/2006 | 060201SKJTEL06           |
| 5                          | CANAVERAL, FL     | 03/23/2006 | 060201SKJTEL10           |
| 6                          | CHARLESTON, SC    | 03/15/2006 | 051202SKJTEL03           |
| 7                          | CHICAGO, IL       | 03/17/2006 | 051222SKJTEL01           |
| 8                          | CORPUS CHRIS, TX  | 03/15/2006 | 051109SKJTEL02           |
| 9                          | DETROIT, MI       | 03/17/2006 | 051130SKJTEL03           |
| 10                         | DULUTH-SUPER, MN  | 03/24/2006 | 060125SKJTEL05           |
| 11                         | FREEMONT, TX      | 03/17/2006 | 051215SKJTEL02           |
| 12                         | HONOLULU, HI      | 03/15/2006 | 051110SKJTEL01           |
| 13                         | HOUSTON, TX       | 03/15/2006 | 051110SKJTEL04           |
| 14                         | MIAMI, FL         | 03/15/2006 | 051111SKJTEL07           |
| 15                         | MOBILE, AL        | 03/15/2006 | 051111SKJTEL08           |
| 16                         | NEW HAVEN, CT     | 04/06/2006 | 051209SKJTEL04           |
| 17                         | NEW ORLEANS, LA   | 03/15/2006 | 051109SKJTEL01           |
| 18                         | PALM BEACH, FL    | 03/24/2006 | 060201SKJTEL08           |
| 19                         | PORT ARTHUR, TX   | 03/24/2006 | 051205SKJTEL04           |
| 20                         | PORT EVERGLA, FL  | 03/15/2006 | 051010SKJTEL04           |
| 21                         | PORT INLAND, MI   | 03/24/2006 | 060131SKJTEL21           |
| 22                         | PORT LAVACA, TX   | 03/17/2006 | 051213SKJTEL06           |
| 23                         | PORT MANATEE, FL  | 03/24/2006 | 060201SKJTEL11           |
| 24                         | PORTLAND, ME      | 03/17/2006 | 051205SKJTEL05           |
| 25                         | PROVIDENCE, RI    | 03/31/2006 | 051220SKJTEL04           |
| 26                         | RICHMOND, CA      | 03/22/2006 | 051213SKJTEL08           |
| 27                         | SAGINAW, MI       | 03/23/2006 | 060131SKJTEL23           |
| 28                         | SAVANNAH, GA      | 03/15/2006 | 051108SKJTEL08           |
| 29                         | SILVER BAY, MN    | 03/24/2006 | 060131SKJTEL14           |
| 30                         | ST. CLAIR, MI     | 03/24/2006 | 060131SKJTEL19           |
| 31                         | STONEPORT, MI     | 03/24/2006 | 060131SKJTEL15           |
| 32                         | TAMPA BAY, FL     | 03/23/2006 | 051108SKJTEL09           |
| 33                         | TEXAS CITY, TX    | 04/04/2006 | 051209SKJTEL07           |
| 34                         | TWO HARBORS, MN   | 03/24/2006 | 060126SKJTEL06           |
| 35                         | VALDEZ, AK        | 03/15/2006 | 051227SKJTEL07           |