Approved by OMB
3060−0678

Date & Time Filed: Aug 19 2004 1:11:22:266PM
File Number: SAT−MOD−20040819−00160

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD − MAIN FORM FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	FCC Use Only

APPLICANT INFORMATION
Enter a description of this application to identify it on the main menu:
Application to Relocate INTELSAT 602 from 50.5 E.L. to 157.0 E.L.

1−8. Legal Name of Applicant

Name:	Intelsat LLC	**Phone Number:**	202−944−7848
DBA Name:		**Fax Number:**	202−944−7860
Street:	3400 International Drive, N.W.	**E−Mail:**	susan.crandall@intelsat.com
City:	Washington	**State:**	DC
Country:	USA	**Zipcode:**	20008 −3006
Attention:	Susan Crandall		

GRANTED
International Bureau

File# SAT-MOD-20040819-00160

Call Sign S2389 Grant Date 10/28/04
(or other identifier)

Term Dates
From [redacted] To: [redacted]

Approved: [signature]
W/ CONDITIONS

Attachment
INTELSAT 602
Call Sign S2389
SAT-MOD-20040819-00160
October 28, 2004

Intelsat LLC's (Intelsat) request, File No. SAT-MOD-20040819-00160, to relocate its C/KU band satellite, INTELSAT 602, from its current location at 50.5° E.L. to 157° E.L. and operate at the 157° E.L. orbital location IS GRANTED.[1] Accordingly, Intelsat is authorized to drift INTELSAT 602 from 50.5 E.L. to 157 E.L. and operate the satellite in the 3625-3700 MHz (space-to-Earth), 3700-4200 MHz (space-to-Earth), 5850–5925 MHz (Earth-to-space), 5925-6425 MHz (Earth-to-space), 10.95-11.20 GHz (space-to-Earth), 11.45-11.95 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands at the 157.0° E.L. orbital location, in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Federal Communications Commission's (Commission) Rules.

1) During the drift of the satellite from 50.5° E.L. to 157.0° E.L Intelsat shall not operate the communications payload on the INTELSAT 602 satellite.

2) Intelsat shall coordinate all of its Tracking, Telemetry, Control and Monitoring (TTC&M) operations with existing geostationary satellites to ensure that no unacceptable interference results from its TTC&M operations during its drift.

3) During the drift of the satellite from 50.5° E.L. to 157.0° E.L no harmful interference shall be caused by the INTELSAT 602 satellite to any other lawfully operating in-orbit satellite. Operations of the INTELSAT 602 satellite shall cease immediately upon notification of such interference and Intelsat shall inform the Commission in writing immediately of such an event.

4) During the drift, Intelsat is required to accept interference from other lawfully operating in-orbit satellites.

5) Any action taken or expense incurred as a result of operations pursuant to the drift authority are solely at Intelsat's own risk.

6) Intelsat shall operate its INTELSAT 602 satellite at the 157° E.L. orbital location in compliance with all existing coordination agreements.

7) Intelsat is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond

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[1] We also grant Intelsat's request that the Part 25 technical waivers originally granted to INTELSAT 602 in its original license continue to be applied to the INTELSAT 602 satellite at 157° E.L. *See Applications of Intelsat LLC For Authority to Operate, and to Further Construct, Launch and Operate C-Band and Ku-Band Global Satellites That Form a Global Communications System in Geostationary Orbit,* 15 FCC Rcd 15460, Appendix C (2000).

within this period will constitute formal acceptance of the authorization as conditioned.

8) This Grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.

File SAT-MOD-20040819-00160

S2389 10/28/04

GR

To:

with conditions

9−16. Name of Contact Representative (If other than applicant)

Name:	Jennifer Hindin	**Phone Number:**	(202) 719−7000
Company:	Wiley Rein & Fielding	**Fax Number:**	(202) 719−7207
Street:	1776 K Street, NW	**E−Mail:**	jhindin@wrf.com
City:	Washington	**State:**	DC
Country:	USA	**Zipcode:**	20006−
Contact Title:		**Relationship:**	

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

- ○ a1. Earth Station
- ◉ a2. Space Station

(N/A) b1. Application for License of New Station
(N/A) b2. Application for Registration of New Domestic Receive−Only Station
○ (N/A) b3. Amendment to a Pending Application
◉ (N/A) b4. Modification of License or Registration
b5. Assignment of License or Registration
b6. Transfer of Control of License or Registration
○ (N/A) b7. Notification of Minor Modification
(N/A) b8. Application for License of New Receive−Only Station Using Non−U.S. Licensed Satellite
(N/A) b9. Letter of Intent to Use Non−U.S. Licensed Satellite to Provide Service in the United States
○ (N/A) b10. Other (Please specify)

17c. 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):

17d.

Fee Classification A BFY – Space Station Modification(Geostationary)

18. If this filing is in reference to an existing station, enter:	19. If this filing is an amendment to a pending application enter both fields, if this filing is a modification please enter only the file number:	
(a) Call sign of station: S2389	(a) Date pending application was filed:	(b) File number: SATMOD2003050200079

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:

- [x] a. Fixed Satellite
- [ ] b. Mobile Satellite
- [ ] c. Radiodetermination Satellite
- [ ] d. Earth Exploration Satellite
- [ ] e. Direct to Home Fixed Satellite
- [ ] f. Digital Audio Radio Service
- [ ] g. Other (please specify)

21. STATUS: Choose the button next to the applicable status. Choose only one.

(●) Common Carrier ( ) Non−Common Carrier

22. If earth station applicant, check all that apply.

- [ ] Using U.S. licensed satellites
- [ ] Using Non−U.S. licensed satellites

23. If applicant is providng INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:

( ) Connected to a Public Switched Network ( ) Not connected to a Public Switched Network (●) N/A

24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all applicable frequency band(s).

- [x] a. C−Band (4/6 GHz)
- [x] b. Ku−Band (12/14 GHz)
- [ ] c.Other (Please specify upper and lower frequencies in MHz.)

Frequency Lower: Frequency Upper: (Please specify additional frequencies in an attachment)

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

- ○ a. Fixed Earth Station
- ○ b. Temporary−Fixed Earth Station
- ○ c. 12/14 GHz VSAT Network
- ○ d. Mobile Earth Station
- ◉ e. Geostationary Space Station
- ○ f. Non−Geostationary Space Station
- ○ g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY:

○ Transmit/Receive ○ Transmit−Only ○ Receive−Only ◉ N/A

"For Space Station applications, select N/A."

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

- [ ] a — authorization to add new emission designator and related service
- [ ] b — authorization to change emission designator and related service
- [ ] c — authorization to increase EIRP and EIRP density
- [ ] d — authorization to replace antenna
- [ ] e — authorization to add antenna
- [ ] f — authorization to relocate fixed station
- [ ] g — authorization to change frequency(ies)
- [ ] h — authorization to add frequency
- [ ] i — authorization to add Points of Communication (satellites & countries)
- [ ] j — authorization to change Points of Communication (satellites & countries)
- [ ] k — authorization for facilities for which environmental assessment and radiation hazard reporting is required
- [x] l — authorization to change orbit location
- [ ] m — authorization to perform fleet management
- [ ] n — authorization to extend milestones
- [ ] o — Other (Please specify)

ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.	○ Yes ◉ No

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30–34.

29. Is the applicant a foreign government or the representative of any foreign government?	○ Yes ◉ No ○ N/A
30. Is the applicant an alien or the representative of an alien?	○ Yes ◉ No ○ N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	○ Yes ◉ No ○ N/A
32. Is the applicant a corporation of which more than one–fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	○ Yes ◉ No ○ N/A

33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one−fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	◉ Yes ○ No ○ N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.	

BASIC QUALIFICATIONS

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.	◉ Yes ○ No
36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explination of circumstances.	○ Yes ◉ No

37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explination of circumstances.

○ Yes ◉ No

38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attemptiing unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition?If Yes, attach as an exhibit, an explanation of circumstances

○ Yes ◉ No

39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhinit, an explanation of the circumstances.

○ Yes ◉ No

40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.

41. By checking Yes, the undersigned certifies, that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti−Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.

◉ Yes ○ No

42a. Does the applicant intend to use a non−U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.

○ Yes ◉ No

42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station?United States

43. Description. (Summarize the nature of the application and the services to be provided). (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Intelsat requests modification of its license to relocate INTELSAT 602 from 50.5 E.L. to 157.0 E.L. Intelsat plans to start the relocation of INTELSAT 602 in October/November 2004 and have the satellite at the 157.0 E.L. location in March/April 2005.

Exhibits Pt. 2

CERTIFICATION

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- ○ Individual
- ○ Unincorporated Association
- ○ Partnership
- ○ Corporation
- ○ Governmental Entity
- ◉ Other (please specify)

45. Name of Person Signing	46. Title of Person Signing
Patrick J. Cerra	Vice President

47. Please supply any need attachments.

Attachment 1: Exhibits Pt. 1	Attachment 2:	Attachment 3:

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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