



File # SAT-AMD-20040310-00029
with attached conditions
 Call Sign S2388 Grant Date 3-19-04
 (or other identifier) Term Dates Approved by OMB
 From March 19, 2004 To: March 8, 2009 3060-0678
 Approved: Thomas S. Tye

Date & Time Filed: Mar 10 2004 4:26:07:360PM
 File Number: SAT-AMD-20040310-00029

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

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
 Amendment Providing Additional Technical Information for INTELSAT 702

1-8. Legal Name of Applicant

Name:	Intelsat LLC	Phone Number:	202-944-7225
DBA Name:		Fax Number:	
Street:	3400 International Drive, N.W.	E-Mail:	milenko.stojkovic@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Dr. Milenko Stojkovic		

Attachment
Call Sign S2388
SAT-AMD-20040310-00029
SAT-AMD-20031118-00331
SAT-AMD-20021127-00239
SAT-MOD-20020923-00177

March 19, 2004

With today's grant, we modify Intelsat LLC's license for the INTELSAT 702 satellite and authorize it to operate the satellite in the following C-band and Ku-band frequencies: 3700-4200 MHz, 5925-6425 MHz, 10.95-11.2 GHz, 11.45-11.95 GHz, 12.5-12.75 GHz and 14.0-14.5 GHz at the 54.85° E.L. orbital location subject to the following conditions¹:

- 1) Intelsat LLC's operations shall be on a non-harmful interference basis, i.e., Intelsat LLC shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating satellites; and
- 2) In the event that any harmful interference occurs as a result of Intelsat LLC's operations at the 54.85° E.L. orbital location, Intelsat LLC shall cease operations immediately upon notification of such interference and shall inform the FCC in writing immediately of such an event; and
- 3) Intelsat LLC shall inform its customers that operations at the 54.85° E.L. orbital location are on a non-harmful interference basis and that Intelsat LLC must cease operations upon notification to the United States Administration of such interference; and
- 4) Intelsat LLC shall maintain full operational control of the INTELSAT 702 satellite at all times; and
- 5) This authorization is issued on the understanding that Intelsat LLC, pursuant to its agreement with the Indian Space Research Organization (ISRO) will conform its operations to parameters agreed to in coordination agreements between the Administration of India and other

¹ Conditions 8, 12, 14 and 15, as adopted by today's authorization, modify, effective today, conditions, 8, 12, 13, and 14 of our February 23, 2004 action granting authority for the INTELSAT 702 satellite to operate in the 11.45 -11.7 GHz and 14.25-14.5 GHz frequency bands. *See File Nos. SAT-AMD-20031118-00331, SAT-AMD-20021127-00239 and SAT-MOD-20020923-00177.*

Administrations. As the United States remains the licensing authority, responsibility for both compliance with and enforcing compliance with those agreements is a matter which would arise under private law; and

- 6) This authorization is also issued on the understanding that, in regards to filings with the ITU, the Administration of India is not acting pursuant to Article 9.1 of the Radio Regulation on behalf of the United States Administration; and
- 7) This authorization is also issued on the understanding that the Federal Communications Commission remains the licensing administration, for purposes of ITU Radio Regulation 18.1, for the INTELSAT 702 satellite, and that its operations are pursuant to ITU Radio Regulation 4.4; and
- 8) Intelsat LLC shall prepare and submit to the Federal Communications Commission, within fifteen days following grant of this authorization, the necessary materials for submission to the ITU, pursuant to Article 8.4 of the Radio Regulations, in connection with the operations of the INTELSAT 702 satellite at the 54.85° E.L. orbital location; and
- 9) This authorization is issued on the understanding that this grant is not an approval of any specific agreement entered into by Intelsat LLC, its subsidiaries, and affiliates, nor of any specific provision of any such agreement, concerning operation of the Intelsat 702 satellite, nor is it an approval of an agreement concerning any related matter, nor of any specific provision of any such agreement concerning any related matter; and
- 10) This authorization is issued on the understanding that this grant, and previous grants for testing at the 54.85° E.L. orbital location, do not in any way express a view concerning, or agreement as to, the validity or lack of validity of any ITU filing at or within the vicinity of the 54.85° E.L. orbital location; and
- 11) In connection with the provision of service in any particular country, Intelsat LLC is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country; and
- 12) The EIRP density in the frequency bands 10.95-11.2 GHz, 11.7-11.95 GHz, 12.5-12.75 GHz, 11.45-11.7 GHz from the INTELSAT 702 satellite shall not exceed -30.1 dBW/Hz in the downlink and the uplink power spectral density in the frequency band 14.0-14.5 GHz shall not exceed -54.5 dBW/Hz; and
- 13) Intelsat LLC shall either establish sufficient contact with the operator of the Express AM22 satellite to ascertain the times, frequencies and types of

emissions to be used for the Express AM22's operations, or establish a monitoring function to determine such; and

- 14) In the event that an operator-to-operator arrangement is not reached between Intelsat LLC and the operator of the Express AM22 satellite, and if, the Express AM22 satellite utilizes receive antenna diameters of less than 1.2 meters within a beam which overlaps the coverage area of the INTELSAT 702 satellite beam, in the 10.95-11.2 GHz, 12.5-12.75 GHz, and the 11.45-11.7 GHz frequency bands, then Intelsat shall maintain an EIRP density of no greater than 39.25 dBW/36 MHz in the downlink transponders co-frequency with the Express AM22 transmissions utilizing those antennas; and
- 15) The EIRP density in the frequency band 3700 – 4200 MHz from the INTELSAT 702 satellite shall not exceed -45.0 dBW/Hz in the downlink and the uplink power spectral density in the frequency band 5925 – 6425 MHz shall not exceed -58.0 dBW/Hz; and
- 16) Intelsat LLC is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned; and
- 17) This Authorization is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261 and is effective March 17, 2004. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115, 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.