

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XFO

(Call Sign)

0008-EX-TC-2006

(File Number)

NAME Intelsat LLC

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Mountainside, MD (Refer to Special Condition # 1)
- (2) Riverside, CA (Refer to Special Condition # 1)

Frequency Information

Mountainside, MD (Refer to Special Condition # 1)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5929-5930 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6014-6050 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6202-6238 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6342-6378 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %

This authorization effective May 01, 2006 and
will expire 3:00 A.M. EST June 30, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mountainside, MD (Refer to Special Condition # 1)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6382-6418 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6420-6423 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %

Riverside, CA (Refer to Special Condition # 1)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5929-5930 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6014-6050 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6202-6238 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6342-6378 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6382-6418 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %
6420-6423 MHz	FX	614KG7W	21634.96276 W (ERP)	0.005 %

Special Conditions:

- (1) This grant is for Intelsat Stations E030101, Mountainside, MD; and E020314 and E990551, Riverside, CA.

Special Conditions:

- (2) Communications with ESVs located within 200 km of either the United States coastline (i.e., baseline) or U.S.-licensed fixed offshore installations shall not cause harmful interference to the operations of any U.S. licensee. Such communications shall be terminated immediately in the event that such harmful interference occurs.
- (3) Intelsat shall specify a point-of-contact for any ESV communications within 200 km of either the United States coastline or U.S.-licensed fixed offshore installations prior to commencing operations pursuant to this authorization. The point-of-contact shall have the capability to terminate transmissions of ESVs that cause interference or otherwise fail to comply with the terms of this authorization.
- (4) Intelsat shall comply with the technical parameters specified by this authorization for all communications with ESVs located within 200 km of either the United States coastline or U.S.-licensed fixed offshore installations.
- (5) Whenever these hub stations are in communication with ESVs operating within 200 km of a known FS station, only the 5925-5930 MHz and 6420-6423 MHz bands shall be used, unless the ESV operator first obtains prior approval from the FS station operator for use of other frequencies that are covered by this authorization.
- (6) The hub station located in Germany is not within the Commission's licensing jurisdiction, but any communications with that hub station from ESVs located within 300 km of the United States coastline shall comply with conditions 1-5 above, except that "300 km" shall be substituted for "200 km" wherever the latter appears in those conditions.
- (7) POINTS OF COMMUNICATION: Intelsat 707 (307 E), Intelsat 603 (340.05 E), Intelsat 605 (174 E), Intelsat 801 (328.5 E).
- (8) The designated 24/7 point-of-contact to terminate transmissions if interference occurs is the Intelsat NOC (Network Operations Center) in Washington, DC. E-mail: noc.ops@intelsat.com Phone: 202-944-6792.
- (9) Within 30 days of consummation of the transfer of control, the Applicants shall notify the Chief, Experimental Licensing Branch, of the date of the consummation. The effective date of this authorization is the later of May 1, 2006 or the date of consummation.