

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XFO

(Call Sign)

0373-EX-ST-2005

(File Number)

NAME Intelsat LLC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Tests, demonstrations and experiments on new C-band Earth-Station-on-Vessel (ESV) terminals.

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 %

This authorization effective July 01, 2005 and
will expire 3:00 A.M. EST January 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mountainside, MD (Refer to Special Condition # 1)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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 %

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.
- (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.