

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XHB

(Call Sign)

0494-EX-ST-2005

(File Number)

NAME MITRE Corporation, The

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:

Design, develop and demonstrate a special over-the-horizon communication system.

Station Locations

- (1) San Antonio, TX - NL 29-23-23; WL 98-36-45
- (2) Offut, NE - NL 41-41-18; WL 95-33-37

Frequency Information

San Antonio, TX - NL 29-23-23; WL 98-36-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.9 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %
10.6 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %
11.6 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %

This authorization effective September 13, 2005 and
will expire 3:00 A.M. EST September 29, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Antonio, TX - NL 29-23-23; WL 98-36-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.7 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %

Offut, NE - NL 41-41-18; WL 95-33-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.9 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %
10.6 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %
11.6 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %
12.7 MHz	FX	2K40J0N	700 W (ERP)	0.0001 %

Special Conditions:

- (1) No operation on 6.6 MHz is authorized. This frequency falls within the aeronautical mobile route service allocated frequency band and is used for safety of flight communications during transoceanic flights.
- (2) Operation on 11.6 MHz is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.