

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XBH

(Call Sign)

0715-EX-ST-2004

(File Number)

NAME Hughes Network Systems

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:

Testing of prototype, AIReach 9400 and AIReach 9600 terminals in order to fully verify new software and hardware modifications prior to manufacturing and sale.

Station Locations

- (1) Germantown (MONTGOMERY), MD - NL 39-11-12; WL 77-14-59
- (2) Germantown (MONTGOMERY), MD - NL 39-11-12; WL 77-14-59
- (3) Germantown (MONTGOMERY), MD - NL 39-11-11; WL 77-15-00
- (4) Germantown (MONTGOMERY), MD - NL 39-11-13; WL 77-15-03
- (5) Germantown (MONTGOMERY), MD - NL 39-11-13; WL 77-15-03
- (6) Germantown (MONTGOMERY), MD - NL 39-11-13; WL 77-14-48

Frequency Information

Germantown (MONTGOMERY), MD - NL 39-11-12; WL 77-14-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.25-26.77 GHz	FX	12M5G7W	300 W (ERP)	
27.5-29.5 GHz	FX	12M5G7W	300 W (ERP)	

This authorization effective January 06, 2005 and
will expire 3:00 A.M. EST July 03, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Germantown (MONTGOMERY), MD - NL 39-11-12; WL 77-14-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
38.6-40 GHz	FX	12M5G7W	600 W (ERP)	

Germantown (MONTGOMERY), MD - NL 39-11-12; WL 77-14-59

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24.25-26.77 GHz	FX	12M5G7W	300 W (ERP)	
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Germantown (MONTGOMERY), MD - NL 39-11-11; WL 77-15-00

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24.25-26.77 GHz	FX	12M5G7W	300 W (ERP)	
27.5-29.5 GHz	FX	12M5G7W	300 W (ERP)	
38.6-40 GHz	FX	12M5G7W	600 W (ERP)	

Frequency Information

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Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.