

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

EXPERIMENTAL

(Nature of Service)

WD2XSB

(Call Sign)

XD MO

(Class of Station)

0324-EX-ST-2005

(File Number)

NAME General Dynamics SATCOM Technologies, Inc.

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:

Demonstration and training of Ku-band VSAT-type satcom sub-meter mobile terminals to the U.S. Marine Corps for satellite-communications-on-the-move.

Station Locations

- (1) MOBILE: Camp Pendleton, CA, within 20 km, centered around NL 33-13-46; WL 117-24-02

Frequency Information

MOBILE: Camp Pendleton, CA, within 20 km, centered around NL 33-13-46; WL 117-24-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.36-14.5 GHz	MO	2M60G1D	80.1 kW (ERP)	0.00001 %

Special Conditions:

- (1) In accordance with Article 4.4 of the ITU Radio Regulations, the operations authorized herein shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the provisions of the ITU Constitution, the ITU Convention, and the ITU Radio Regulations.
- (2) POINT OF COMMUNICATION: Intelsat 707 at 53 degrees West Longitude.

This authorization effective June 15, 2005 and
will expire 3:00 A.M. EST December 15, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Prior to commencement of operation with Intelsat 707 at 53 degrees WL pursuant to this experimental license, General Dynamics SATCOM Technologies, Inc. shall obtain a certification from Intelsat that Intelsat has notified all satellite operators with co-frequency operations within 6 degrees longitude of the Intelsat 707 satellite, generally describing the experimental operations authorized herein, including the term thereof, and providing a point of contact for the purpose of resolving any complaints of interference. General Dynamics SATCOM Technologies, Inc. shall obtain a similar certification from Intelsat if, during the term of this experimental license, a new or different satellite operator commences co-frequency operations within 6 degrees longitude of the Intelsat 707 satellite. If the point of contact receives a complaint of harmful interference, the party receiving the complaint (if not General Dynamics SATCOM Technologies, Inc.) will notify General Dynamics SATCOM Technologies, Inc., and General Dynamics SATCOM Technologies, Inc. shall immediately cease such operations or adjust such operations to avoid harmful interference. General Dynamics SATCOM Technologies, Inc. will submit a copy of Intelsat's certification(s) to the Commission for incorporation into the record of this file.