

EXHIBIT NO. 1

The instant Application requests modified experimental authority for Maritime Telecommunications Network, Inc. ("MTN") to transmit and receive voice and data signals by means of its Digital Shipboard Earth Stations ("DSES") on ships situated at various locations in domestic and international waters (See, File No. 4845-EX-AL-95, Call Sign KI2XEE).

MTN requires this modification of Call Sign KI2XEE due to the fact that a Special Temporary Authority ("STA") is presently being sought from the International Bureau that would expressly authorize operations in specifically designated areas within 100 kilometers of U.S. territory in the sea lanes and harbor channels of Norfolk, Virginia; San Diego, California; Mayport, Florida and Port Canaveral, Florida. As the STA being sought from the International Bureau would, if granted, specifically authorize operations in the four named port areas, there is no need for a duplicative authorization issuing from OET.

However, MTN presently operates in areas other than the four identified above and it is for those operations that continued experimental authority is being sought. MTN agrees that all operations pursuant to its present and proposed modified licenses will be conducted so as to avoid causing interference to any other user of the spectrum.

The specific areas for which authorization is sought to conduct operations within 100 kilometers of U.S. territory are as follows:

Bremerton, WA
Roosevelt Rhodes, PR
Pearl Harbor, HI
Charleston, SC
Guam
Diego Garcia
Miami, FL
Ft. Lauderdale, FL
Tampa, FL
Los Angeles, CA
San Juan, PR
New Orleans, LA
Earl, NJ

Key West, FL
San Francisco, CA
New York, NY
Vancouver, BC
Anchorage, AK
Catalina Island, CA
Juneau, AK
Ketchikan, AK
Panama Canal
Seward, AK
Skagaway, AK
Sitka, AK
St. Thomas, VI

OK by
IB

In addition to the foregoing, the instant modification seeks authority for operation from up to 250 DSES terminals located on board ships, all operating under the same call sign. ↑

rejected by IB

The two-way experimental service being conducted by MTN involves use of single, 64-Kbps, duplex, C-band circuits in connection with terminals utilizing Lockheed Martin/Xicom 7100 transmitting equipment. MTN's primary U.S. registry user is the United States Navy. The facilities authorized by the requested modified Experimental License shall be used to provide private line maritime mobile-satellite service between ships and certain terrestrial satellite stations in the fixed-satellite service utilizing the 4/6 Ghz band. The terrestrial earth stations employed by MTN in connection with this service include, principally, a Network Operation Center ("NOC") owned by MTN and situated in Holmdel, New Jersey, and fixed and temporary-fixed facilities made available to MTN at the Holmdel site and at other C-Band gateways by means of lease or inter-carrier agreement. MTN is furnishing a private network to be employed, in the short run, primarily in support of facilitating command and control and morale, welfare and recreation (MW&R) functions of the U.S. Navy.

The NOC serves as the administrative and operational hub of MTN's maritime mobile-satellite service. There are (2) FCC-licensed antennas operating in the C-Band at the Holmdel NOC that are to be used in support of MSS circuits (Call Signs KA-257 and KA-434). In order to provide continuous global coverage for ships moving from one ocean region to another, MTN also uses remote earth stations connect to the Holmdel NOC on a 24 hour-per-day/7 days-a-week basis.

The service is functionally identical to the service which the FCC has previously granted to MTN with respect to Call Sign KI2XEE, with the modifications including the identification of specific port areas within which experimental operations are being conducted and the number of ships for which experimental licensure is being sought.

The public interest would be served by allowing MTN to continue its experimental operations with respect to the development of this service for which a demonstrable need has been shown to date. Further, MTN states that no interference with other users of the C-Band frequency are known to have occurred to date with respect to the operation of Call Sign KI2XEE and that since the inception of its experimental service, MTN has received no complaints of interference being caused as a result of its operations. Accordingly, MTN respectfully requests the continuation of its experimental authority, as proposed herein for modification.