

EXHIBIT NO. 1
DETAILS OF OPERATION

A) FREQUENCY

The Transmit Frequency of this transmitter shall be tuned to any frequency from 1626.5 MHz to 1660.5 MHz in 5 KHz increments.

B) POWER - RF OUTPUT

The RF output power for each of the discrete frequencies is 11 dbW.

C) POWER - EIRP

The Maximum Effective Radiated Power for each of the discrete frequencies from the antenna is 27 dbW.

D) POWER - MEAN/PEAK

All power transmitted from each discrete frequency is classified "MEAN" power.

E) EMISSION

The emission code for each discrete frequency shall be "G1D".

F) MODULATION

Each discrete frequency shall be modulated with 0-QPSK modulation, rate at 8.0 Kbit/s or BPSK modulation, rate at 3.0 Kbit/s.

G) NECESSARY BANDWIDTH

The necessary bandwidth of the modulating signal is defined in Inmarsat-M System Definition Module 2, Part 1, Issue 3.0, Figure 5. The necessary bandwidth for each of the discrete frequencies is 10 KHz. This bandwidth shall be expressed as 10K0.

EXHIBIT NO. 2
LOCATION OF TRANSMITTER AND TRANSMITTING ANTENNA

This Transmitter and Transmitting Antenna will be located at Magnavox "Bldg B", 2925 California Street, Torrance, CA. The geographical coordinates of this facility are Latitude N 33.45°, Longitude W 118.15°.

This Transmitter will undergo testing and development at this facility, however, it will be used at trade shows, boat shows, and other locations based on future demonstration schedules.

EXHIBIT NO. 3

The Magnavox-developed MAGNAPhone M, Model MX 3400, is a digital satellite communication system designed to satisfy the Inmarsat-M Maritime Class Mobile Earth Station terminal requirements. The research and development effort by Magnavox includes the design, fabrication, and testing of prototype units that are designed to the Inmarsat M System Definition Manual, Issue 3.0. This application for a Experimental Radio Service authorization is to allow the interaction of these Maritime Earth Stations to communicate, via an Inmarsat satellite, to applicable Land and Coast Earth Stations.

The new MX 3400 MAGNAPhone will provide for a small size and weight satellite communication telephone for maritime users. Another significant improvement of the MAGNAPhone M is that the usage fees for Inmarsat M systems are about half those of other Inmarsat systems.