

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 1646.5 MHz in 10 KHZ increments.

B) POWER - RF OUTPUT

The RF output power for each of the discrete frequencies is 12.3 dbW.

17 watts

C) POWER - EIRP

The Maximum Effective Radiated Power for each of the discrete frequencies from the antenna is 33 dbW.

2 Kw

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 "GID".

F) MODULATION

Each discrete frequency shall be modulated with O-QPSK modulation, rate at 24 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 24KHz. This bandwidth shall be expressed as 24 KO.

EXHIBIT NO. 3

The Magnaphone Developed Magnaphone B, Model MX2464 is a digital satellite communication system designed to satisfy the Inmarsat-B Maritime Class Mobile Earth Station terminal requirements.

This terminal will undergo testing and development at this facility. It will also be used at trade shows, boat shows, and other locations based on future demonstration schedules.