

EXHIBIT 1

Particulars Of Operation

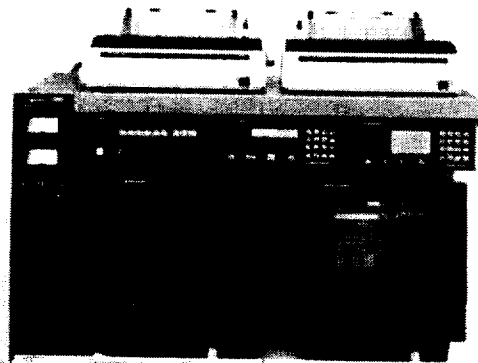
Frequency (a)	(b)	Power (c)	(d)	Emission (e)	Modulating (f)	Bandwidth (g)
156-158 Mhz	25	25	Peak	F3E	5000 Hz	Note 1
1710-4000 Khz	150	150	Peak	J3E	5000 Hz	Note 1
4000-27500 Khz	150	150	Peak	J3E	5000 Hz	Note 1
2000-27500 Khz	150	150	Peak	F1B	1785 Hz	Note 1

Note 1: Radio transmitters used at this facility are commercial off the shelf FCC Type Approved Marine equipment. Bandwidth requirements are based on commercial marine channel spacing.

EXHIBIT 2

Statement of Purpose

The program of experimentation and research proposed is designed to facilitate the understanding of radio communications required by the Global Maritime Distress and Safety System (GMDSS) pursuant to 47CFR80 Subpart W. The radio equipment used at this facility is all FCC Type Approved. It is comprised of a Furuno GMDSS Radio Console and associated equipment. Please see the representative illustration and Exhibit 3 for a detailed list of equipment to be installed.



The application of correct operating procedures for the transmission of Routine, Safety, Urgent and Distress communications, and the reduction of false alarm rates currently associated with the GMDSS are specific objectives we seek to accomplish. In addition, we hope to provide GMDSS equipment manufacturers with recommendations to improve the design and layout of their equipment based on observed ergonomic factors and the "user friendliness" of their software.

The program is intended to contribute in the utilization of the radio art by improving GMDSS operator competence and equipment design. This in turn will improve problems of interference, improper equipment utilization and the frequent transmissions of false distress alerts in the GMDSS.

EXHIBIT 3

Transmitting Equipment

Manufacturer	Model Number	No. of Units	Description
MTI	MDT 6000	1 ea	INMARSAT-C
Furuno	FS-1562-15	1 ea	MF/HF Transceiver
Ross	DSC-500	2 ea	VHF/DSC Transceiver
Furuno	FM-8500	2 ea	VHF/DSC Transceiver