

RAYTHEON MARINE COMPANY
ENVIRONMENTAL ASSESSMENT
RF RADIATION HAZARD

676 ISLAND POND ROAD
MANCHESTER, NH 03109-5420


Raytheon Marine Company imports and sells Global Maritime Distress and Safety System (GMDSS) equipments. In an effort to support this GMDSS program, RMC provides operator and maintenance training on equipment we sell.

The JUE-45A MKII, JUE-65A and JUE-75A satellite communications systems provide the base of our GMDSS system. It is for these equipments that we train operator and maintenance personnel as well as provide technical support and repair.

The installation and operation of this equipment is carried out by our senior GMDSS Field Engineer. The system antenna installations are properly protected from access by any unauthorized personnel. No public access is possible in the area for our operational satellite communications systems.

We have performed informal Electromagnetic Radiation testing to confirm that no radiation hazards exists outside the main beam of the satellite communications antenna. all tests indicated maximum worst case conditions of radiation are well below the ANSI/IEEE C95.1-1991 standard of $5.0\text{mw}/\text{cm}^2$.

For the above reasons, this applicant considers the granting of this license to have no significant effect upon the environment.

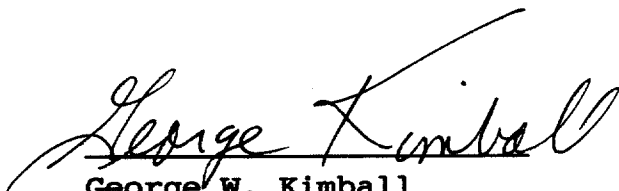

George W. Kimball
Manager, Product Support
and Training

ATTACHMENT I

RAYTHEON MARINE COMPANY
MANCHESTER FACILITY - KI2XDY
EXPERIMENTAL ACTIVITIES REPORT
1 AUGUST 1993 - 1 JUNE 1995

With the approach of the New Global Maritime Distress and Safety System (GMDSS), we are providing more maintenance support as well as sales demonstrations for our satellite communications product lines.

The purpose of this station has been solely for providing technical support and module repair. It has also been used to provide sales demonstrations and limited training.


George W. Kimball
Manager, Product Support
and Training

ATTACHMENT II