

RAYTHEON MARINE COMPANY
ENVIRONMENTAL ASSESSMENT
RF RADIATION HAZARD

700 ELM STREET
MANCHESTER, NH 03101

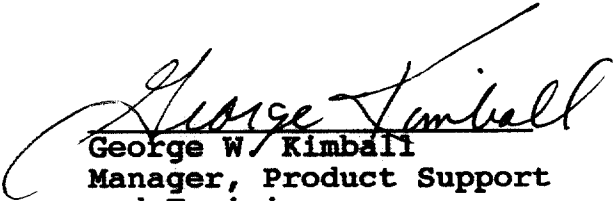
Raytheon Marine Company imports and sells Global Maritime Distress and Safety System (GMDSS) equipments. In an effort to support this GMDSS program, RMC provides operator and maintenance training on equipment we sell.

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.

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.



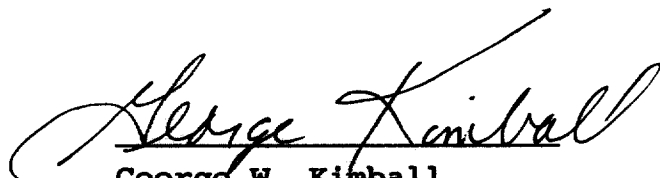
George W. Kimball
Manager, Product Support
and Training

ATTACHMENT I

RAYTHEON MARINE COMPANY
MANCHESTER TRAINING FACILITY - KI2XDZ
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/operator training as well as sales support for our satellite communications product lines. The purpose of this station is solely for providing technical maintenance training and support as well as operator training for Inmarsat Type Approved Shipboard Terminal Equipment sold and serviced by Raytheon Marine Company. This training provides our customers with not only well qualified service but also knowledgeable operators who are thoroughly competent in the proper usage of the Satellite communication Systems in support of the new SOLAS Rules defining GMDSS.

During the Period of 1 August 1993 through 1 June 1995, Raytheon Marine Company trained 28 field personnel in the maintenance and/or operation of our Satellite Communications Equipments - JUE-45A MKII, JUE-65A, JUE-75A.


George W. Kimball
Manager, Product Support
and Training

ATTACHMENT II