

1. Report the ERP values for the requested frequencies.

The handheld radios have a transmitter power of 5 W and with a 0dB antenna, the ERP is 5 W.

The mobile radios have a worse case transmit power of 50 W, but all transmitter outputs are sent through a pad to attenuate the ERP down to 10 W for all models.

2. Report the manufacturer, model number, quantity and type (experimental or nonexperimental) for the equipment being tested (Quantities greater than 50 units require justification).

Handset Radios:

- (1) Uniden HH 978XL handheld QTY 3
- (2) Thales Racal 25 QTY 3

Mobile Radios

- (3) Lambda COM160STRC QTY 1
- (4) Ross DSC 500R/500RD QTY 1
- (5) Motorola T99DX VHF FM Astro Digital Spectra QTY 1
- (6) Saab TransponderTech R3 Universal AIS Base Station QTY 1

3. Verify that this experimental license will not be used for transmitting on foreign registered ships.

The radios will not be used for transmitting on foreign vessels. They are used to verify system performance in Syracuse and at site installations around the United States, projects under the aegis of the US Coast Guard Ports and Waterways Safety System (PAWSS). They are used as installation/checkout tools. The "experimental" nature of the radios is in their use for system validation.