Response to FCC questions of Feb. 15, 2000

Explanation of radio use: The intent of this transceiver is to provide a much-needed radio for use along coastlines. When working coastlines or in harbors, a marine radio is required to communicate with boats, Coast Guard, etc. In some cases, it can also become very important to communicate with land based public safety officials for coordinated efforts. The DS350 can be very useful in this area. It allows the user the ability to communicate using the normal PLMR frequencies and at the same time communicate with other governmental agencies using the marine channels. The intended use of this radio is for public safety and/or government agencies.

1. The DS350 can be set up in two different ways for RF power control:
   a. If the DS350 is programmed as a marine radio, the power control setting is adjusted for 1 Watt in the low power mode. When used in conjunction with Private Land Mobile Radio (Part 90)(PLMR) frequencies, that setting is 1 Watt. A qualified technician at a radio dealer's location does this setting.
   b. If the DS350 is programmed to be used only as a PLMR radio, the dealer's technician could adjust the power control setting for either 1 Watt or 2 Watts in the low power mode.
2. The DS350 is programmed to use the marine channels in Part 80 as defined in Parts 80.373(f) and 80.871. Power output on each channel can be reduced to 1 Watt via the HI/LO button. This radio is capable of being used as a ship station or a coastal station.
3. The DS350 can be set up in two different receiver and transmitter bandwidth modes:
   a. If the DS350 is programmed as a marine radio, the setting of the receiver IF filter bandwidth is <u>always</u> set for wideband operation (+/- 5 kHz deviation or 25 kHz channel separation). The transmitter deviation is set for +/- 5 kHz maximum.
   b. When the DS350 is programmed to be also used as a PLMR radio, the receiver IF filter bandwidth is programmed according to the Radio Frequency license issued by the FCC. The transmitter deviation is programmed on a per channel basis, either +/- 5 kHz or +/- 2.5 kHz. Therefore in the same unit, some PLMR channels may be wideband and others narrowband.

   NOTE: a qualified technician at a radio dealer's location who has the software to accomplish this does this programming. This software is <u>only</u> sold to qualifying dealers and NOT to the general public per FCC rules.
4. Per the above explanation, the DS350 can be used effectively and legally in Part 22, 74, 80 and/or 90. We still respectfully request to have Type Acceptance issued as such.