

# RC15xx EQUIPMENT INSTALLATION

## **DMC-5** (Optional) (Refer to Installation Manual, DMC-5)

1. Mount the DMC-5 in an accessible area on the bridge.
2. Connect 24 VDC to the Junction Board. The 24 volt supply should be from TB4 on the Power and Data Interconnect Board located on the console. This cable should be at least 16 gauge, and the wire size should be increased for cable runs longer than 25 feet.
3. Install the dealer supplied control cables from the following equipment to the Junction Board in the DMC-5.
  - a) VHF #1 (FM-8500)
  - b) VHF #2 (FM-8500)
  - c) DSC-60
  - d) Felcom 12 Comm. Unit

The DSC-60 and VHF's require 2 pair shielded cable and the Felcom 12 requires 3 pair shielded cable. These cables should be 18 to 20 gauge, and the wire size should be increased for cable runs longer than 35 feet.

4. Connect the VHF's using the supplied connector (000-116-185). Attach from the Junction Board, VHF #1 and VHF #2, and the DMC port on the FM-8500.
5. Connect the DSC-60 using the supplied connector (000-116-185). Attach from the Junction Board, MF/HF, and the DMC port on the DSC-60.
6. Connect the Felcom 12 using the supplied connector (SRCN6A-7P). When the DMC is used the second IC-302 Distress Alert Unit is not installed. Attach the Junction Board, SES, to the DMC2 port on the Felcom 12 Comm. Unit.