

A2, A3-A4 AREAS

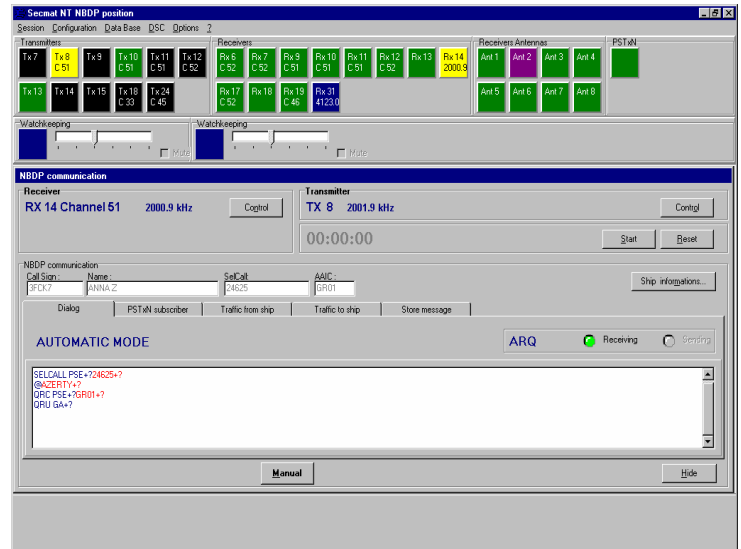
MF & HF Frequency Band

RADIOTELEX

DSC SUBSEQUENT CALL HANDLING SOFTWARE

DSC is a way for calling a correspondent. The DSC message gives some information like identification of calling ship, type of call, position of ship. The communication is set up after acknowledging the DSC call.

This software module has been developed to process subsequent calls in radiotelex (NBDP), either for MF or HF frequency bands. It comes in addition of DSC call software, for the same frequency band. The frequencies used in the GMDSS communication systems are these allocated by the ITU WARC-Mob 87 (RR art N38)



Features

- Conforms to ITU-R M.625 and M.476 Recommendations.
- Allows a data transmission with error checking and correction in 2 modes :
 - * Mode A : ARQ : Error correction by repetition protocol
 - * Mode B : FEC : Forwards Error Correction
- Call code identification : 4/5 or 9 digits (ITU-R Radiocommunication Regulations, app. 43).
- Automatic remote control of radio equipment (transmitter/receiver).
- Operation from a PC microcomputer.
- Three windows for all operations (Menu window, Connection window, Status window).
- All options available to operator through the menu window.
- Exchanged messages recorded and stored on files, on hard disk. Printing out of report.

Processing equipment

- The system is based on a central equipment : AUTOMAR 9000 which control/remote control radio equipment and radiotelex modems or NBDP modems.

Operating Position

- A PC equipped with WINDOWS™ XP is recommended.

Software versions

- Standard version: without frequency watch keeping.
- Frequency watch keeping version.
- Frequency watch keeping with scanning version.

Option

- Access to Public Telex Network can be provided.