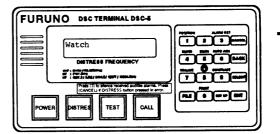
FURUNO

DSC-5/5R



* * * Operator's Guide * * *

(For detailed information, refer to the Operator's manual)

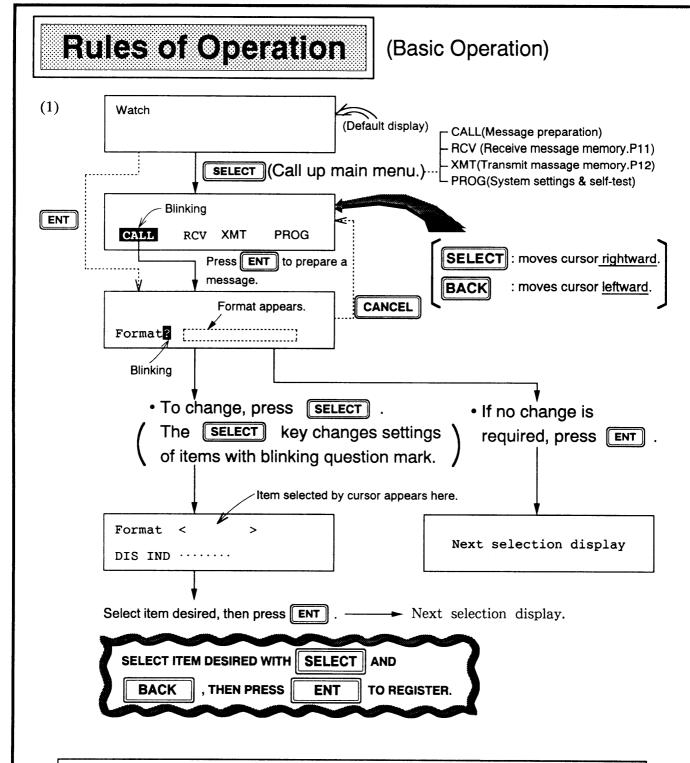
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ROM Version No.

(CONTROL PCB: 1.40

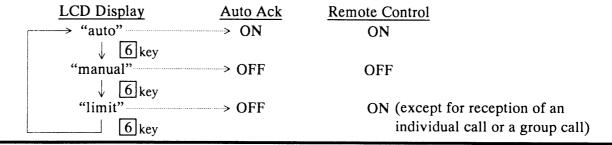
MODEM PCB: 1.11)

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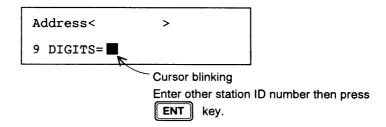


(2) Auto Ack (Automatic Acknowledge) and Remote Control Function

Each press of the 6 key enables/disables auto ack and remote control function in the sequence shown below.



- (3) **ENT** key: enters item selected with blinking cursor, and enters item with blinking question mark.
- (4) **CANCEL** key: returns to default display and cancel wrong data.
- (5) Remarks on Numeral Input : (example) Individual call



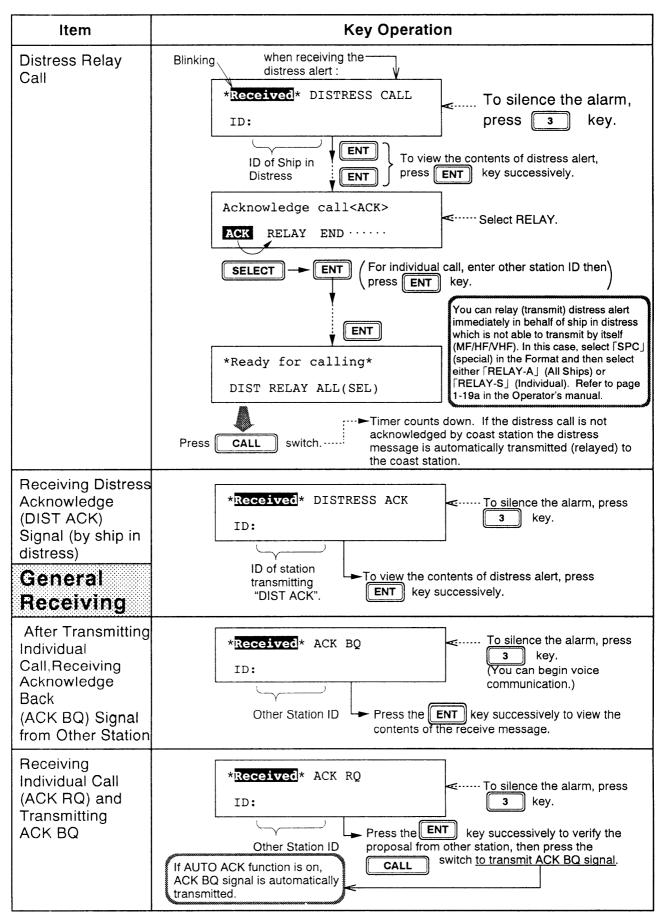
- (6) Connection with early model FURUNO radiotelephones or other make radiotelephones nullifies the remote control function. These radiotelephones require <u>manual input</u> of the data listed below.
 - DSC TX/RX frequencies (channels)
 - Working TX/RX frequencies (channels)
 - Class of emission (Type of communication)
 - Tuning (MF/HF only)
- (7) To turn the power off, press and hold down the POWER switch at least 2 seconds. Then, release the switch after a loud beep is heard.

Key	Function/Purpose	Remarks
POSITION 1	Ship's position and time are shown while pressed and held down.	
ALARM RST	Silences the audible alarm. (For call except distress and urgency the alarm stops automatically after five seconds.)	
SCAN 5	Starts and stops frequency scanning(MF/HF).	when scanning, receive frequencies appear on the screen in sequential order and blink.
AUTO ACK	Turns automatic call acknowledge (except for distress alert reception and distress relay) and transcelver remote on or off. (Refer to previous page.)	when "AUTO ACK" is ON, "auto" appears on the LCD.
VOLUME 7	Adjusts volume of speaker in eight steps. (Distress and urgency alarm always sounds at maximum volume.)	

1.Distress Call

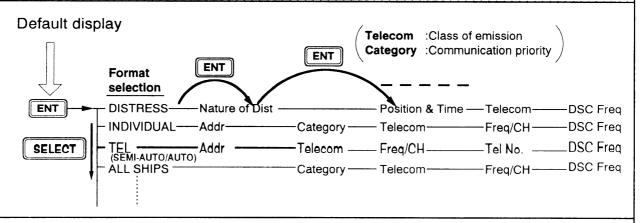
Operation **Contents of Transmit Message** Own ship ID, time data and the following are transmitted. Press DISTRESS **Factory Setting** As shown in the switch. 1. Nature of Distress · · · · · UNDESIGNATED procedure below. 2. Telecommand 1 · · · · · J3E telecommand and 3. Ship's Position **DSC** frequency (when combined with navigation equipment) can be prepared beforehand,since DSC Frequency 2187.5kHz there is a memory If you want to transmit the alert after designating "nature of distress", press **DISTRESS** switch and within 5 seconds, for distress alert. enter nature of distress with numeric keys 1-8. See table below. If you are not pressed for time, prepare a distress message and transmit it by pressing the DISTRESS switch. Procedure: (Default display) \Rightarrow [ENT] \Rightarrow (Format selection : DISTRESS) \Rightarrow (Selection of nature of distress) ⇒ (Ship's position/time input) ⇒ (Telecommand selection, SIMPLEX for VHF) ⇒ (Selection of DSC frequency, CH70 for VHF) Note: Manual input of ship's position Position < NORTH= Enter 1st Enter 2nd Enter time **ENT** co-ordinate co-ordinate ① = SELECT *Ready for calling* When the CANCEL key is pressed, the screen returns to default display. Since the distress message prepared here is stored Press DISTRESS switch to transmit a message. in the memory, just press the **DISTRESS** switch to transmit it, in To cancel the distress call, press CANCEL key within five seconds. case of distress. *Wait for dist ack* Key Nature of Distress 3.0 min [1]: Fire, explosion ,..... [2]: Flooding Counts down. If distress call is not acknowledged it is automatically [3]: Collision [4]: Grounding retransmitted, until acknowledged. To cancel distress call, press [5]: Listing, capsizing CANCEL key. After receiving distress acknowledge (ref. to [6]: Sinking page 4) you can begin distress communication. [7]: Disabled & adrift [8]: Abandoning [0]: Undesignated

2.Distress Relay Call and General Receiving



3.Preparing and Transmitting a Message · · · · ①

Format	Key Operation
Individual Call	Refer to the tree in the next section.
(Routine) :	(Default display) ⇒ ENT ⇒ (Format selection) ⇒ (Other station ID input)
<u> </u>	⇒(Category selection) ⇒ (Telecommand selection)
To ship or coast	⇒(Working frequency (ITU ch or Ship's position) or channel input)
ation	⇒ (DSC frequency or channel input)
	Ready for calling
	INDIVIDUAL CALL
	Press CALL switch to transmit message.
	Wait for ack BQ 5.0 min
	Regulations prohibit calling to same station for five minutes. If acknowledge back (ACK BQ) signal is not received, you can retransmit by pressing the CALL switch.



Similar to the procedure for preparing an INDIVIDUAL call you can prepare a massage for TELEPHONE, ALL SHIPS, GROUP or GEOGRAPHIC AREA (select [SPC] and then [AREA] in order) call, by operating the SELECT, BACK and ENT keys and numerical keys.

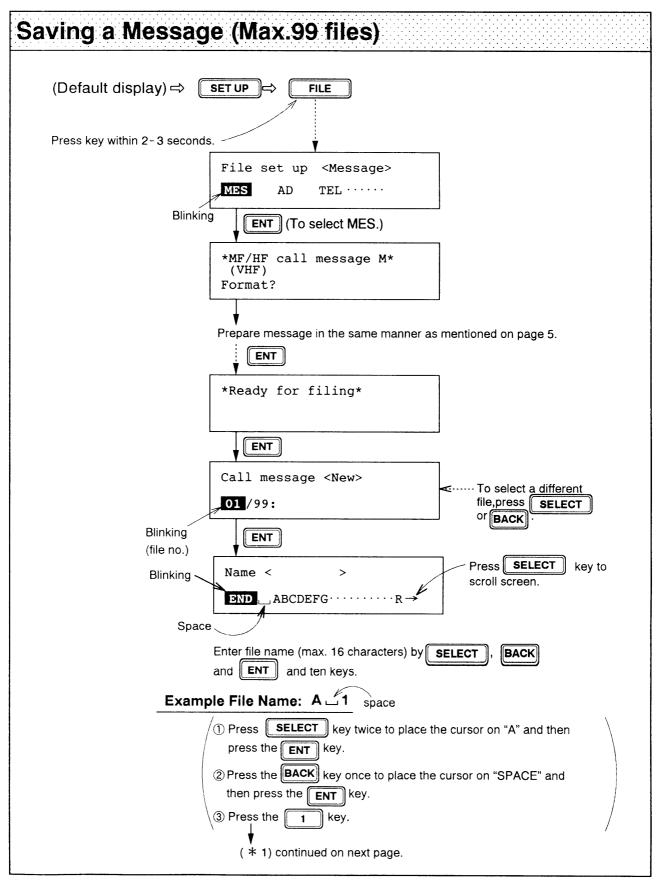
Ocean AD:N34 E135 da10 do10

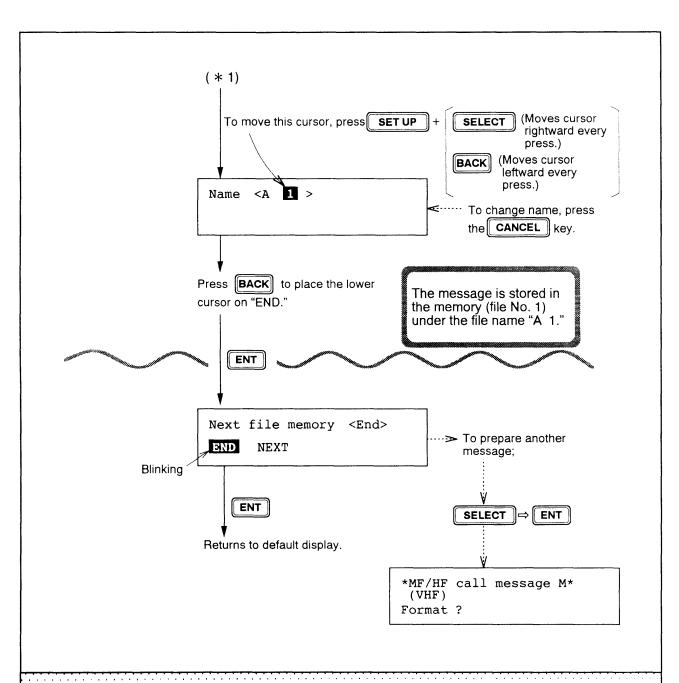
Note: For geographic area call, enter the reference point and range data in "Ocean AD" screen as shown in the right hand figure.

(Ex. 34 ° N)
135 ° E
135 (145)
(Ex. 10°)

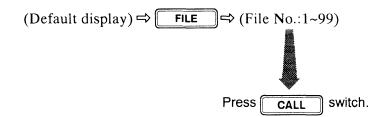
Preparing and Transmitting a Message · · · ②

····Transmitting memorystored message (except distress call)

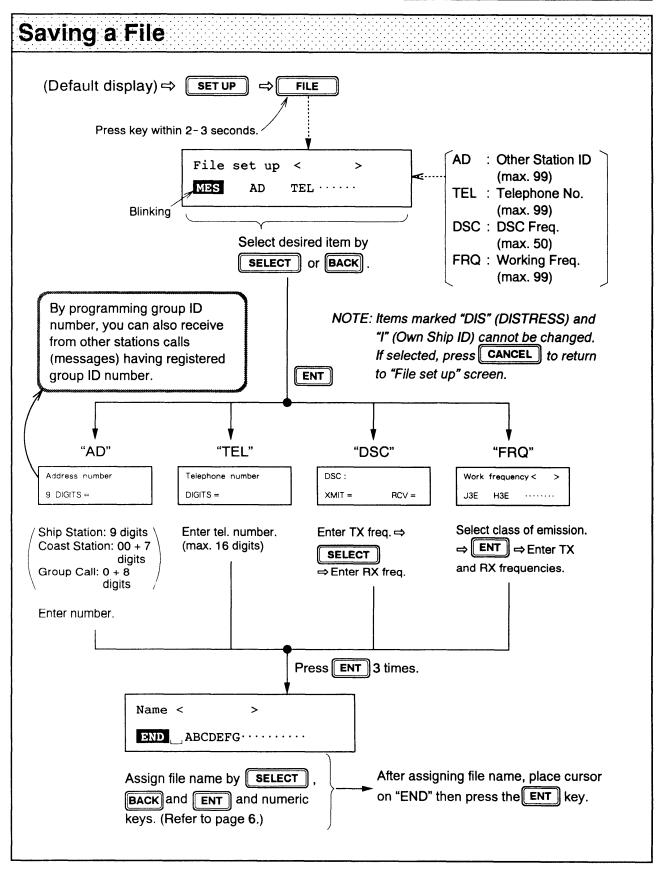


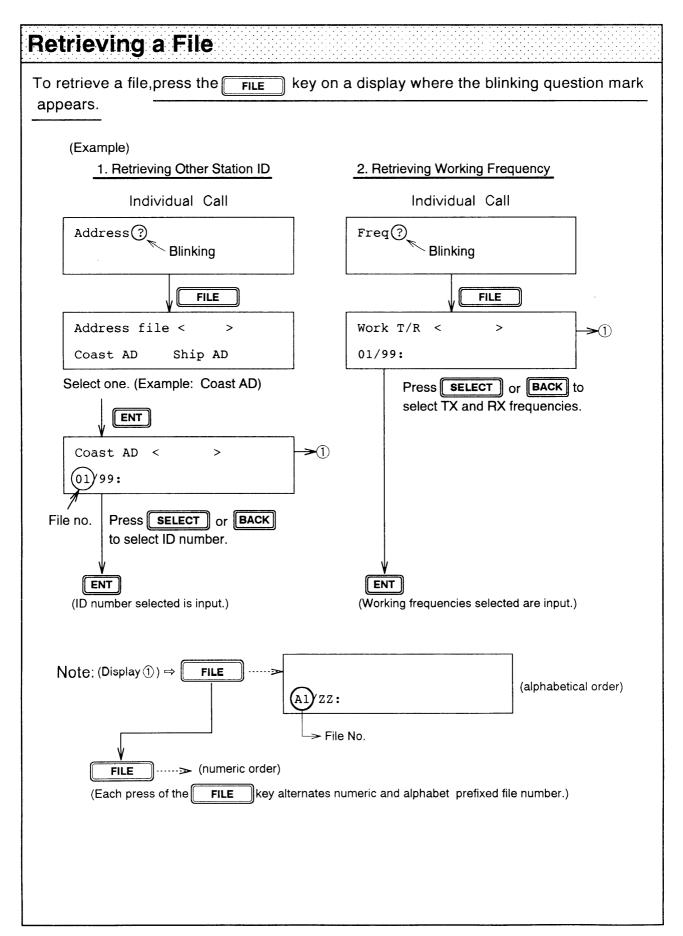


Transmitting a Message Registered

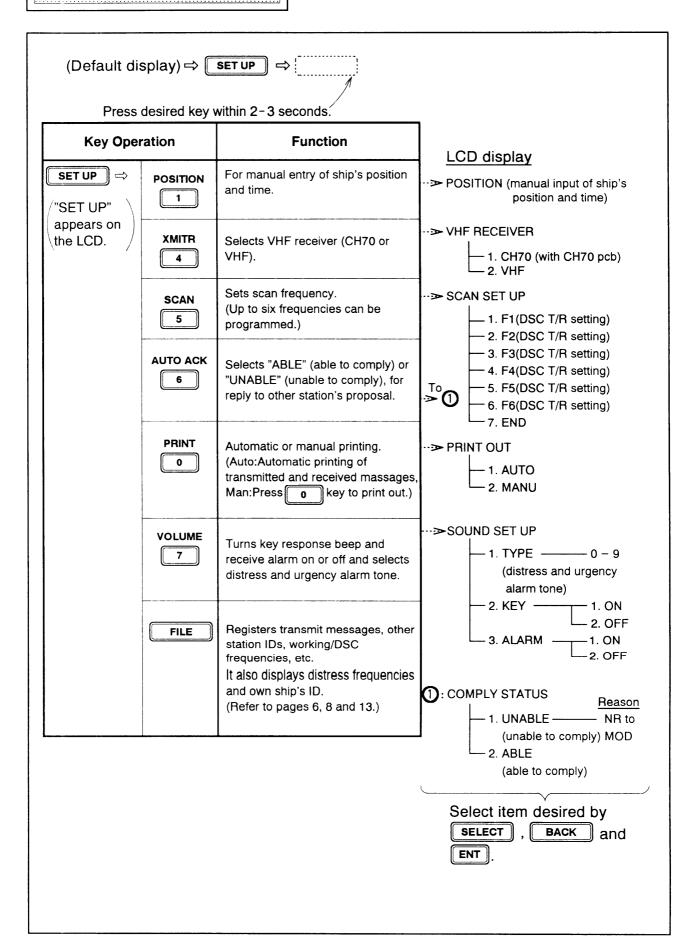


5.Programming Other Station ID's, Telephone Nos., DSC Frequencies (MF/HF) and Working Frequencies (MF/HF)





6.Setting Up



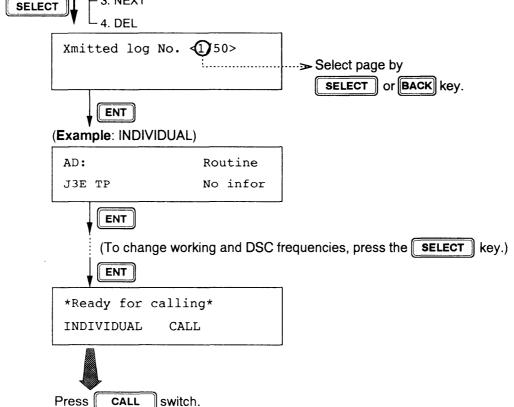
7.Receive Message Memory

(Distress:50 others:50)

All received messages are automatically saved to the memory and filed according to category, DISTRESS or ORDINARY. When you want to view the contents; (Default display) ⇒ SELECT (Press twice to select RCV menu.) ⇒ ENT Received call < ORDINARY DISTRESS For "ORDINARY" log; **ENT** Ordinary log No. <1)50> ····> Log no. (page no.) Format (*) Date received (*) If own ship did not SELECT : Selects next log no. transmit "ACK BQ" BACK : Selects previous log no. signal a blinking sharp sign (#) appears. To view contents of message, press the **ENT** key successively. Note that acknowledge call and distress relay call can be done while in the RCV menu. The "DISTRESS" and "ORDINARY" menu trees are shown below. Calls can be made in either menu by pressing the CALL •"DISTRESS"— 1. DIST ACK ⇒ CALL 2. RELAY -· 1. ALL SHIPS SELECT 3. END ·····> return to default 2. GEOGRAPH — Ocean AD CALL 4. NEXT·····> view next log no. 3. GROUP — Group AD 5. DEL·····> delete file from 4. INDIVIDUAL — Coast AD memory and view next log no. ENT ENT ENT •"ORDINARY"— 1. INDIVIDUAL 1. ACK-Telecom- Work freq/CH⇒ CALL 2. END 2. SEMI-AUTO/ SELECT AUTO -3. NEXT 4. DEL 3. ALL SHIPS -- 1. END 4. GROUP-2. NEXT 5. GEOGRAPH -- 3. DEL

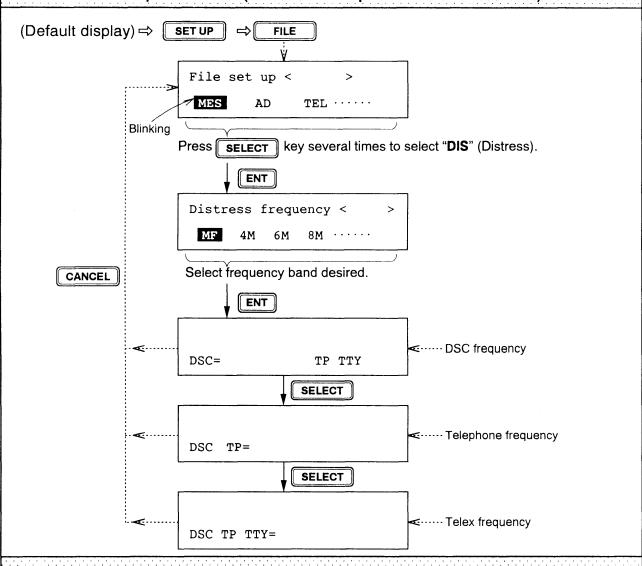
(Max.50)

All transmitted messages are automatically saved to the memory. When you want to view the contents of a transmitted message; (Default display) ⇒ SELECT (Press three times to select XMT menu.) ⇒ ENT Xmitted log No. √150> Log no. (page number) **Format** Time transmitted : Selects next log no. SELECT BACK : Selects previous log no. To view contents of message press the **ENT** key successively. You can make calls except distress while in the XMT menu. WORK FREQ/CH -DSC FREQ/CH ⇒ [1. CALL 1. XMITTED LOG No. 2. END (1 - 50)ENT 3. NEXT SELECT 4. DEL Xmitted log No. <1 50> Select page by

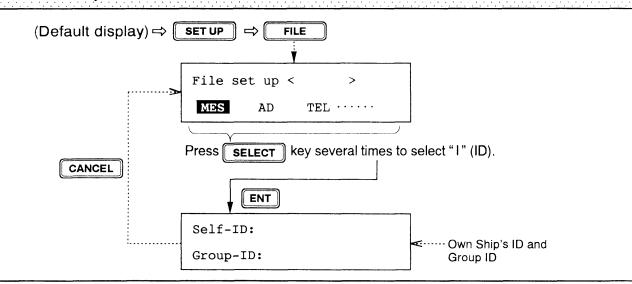


9.Displaying Distress Frequencies and Own Ship's ID.

Distress Frequencies (DSC, Telephone and Telex)



Own Ship's ID



10. Other Functions

