Software instruction manual of NCR-333 NAVTEX PC RECEIVER

- 1. Preparing
- 1.1. Prepare the followings:
 - Personal computer (OS: Windows95/98/NT/2000/XP,

Hard disk free space: 10MBytes or more,

COM (RS-232C) port: built-in port or USB-COM adapter etc.)

- D-SUB 9-pin straight cable (9-pin male connector and 9-pin female connector)
- Software file (NAVTEX PC.exe)
- 1.2. Copy the software file (NAVTEX PC.exe) to the arbitrary holder of the personal computer.
- 1.3. Open the cover of PRINTER/MAINTENANCE connector of the NAVTEX receiver.
- 1.4. Connect the D-SUB 9-pin straight cable between the PRINTER/MAINTENANCE connector of the NAVTEX receiver and COM port (RS-232C) of the personal computer.





- 1.5. Turn the power of NAVTEX receiver on.
- 1.6. In the Main Menu, select [4.NAVTEX] [5.PRINTER PROPERTY]. Setup and check the PRINTER PROPERTY as the followings.

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5. PRINTER PROPERTY	
– DATA OUT	: AUTO
– DATA FORMAT	: ON
– BAUDRATE	: 4800BPS
– FLOW CONTROL	: NONE
– PRINT DIRECTION	: UPRIGHT

Note: The method of outputting receiving data to a personal computer from NAVTEX receiver NCR-333. Refer to instruction manual "6.2.7.2 Message list1" – "e. Print messages or the information on equipment". 1.7 If any other applications are operating on the personal computer close them. And then start the software file (NAVTEX PC.exe).

JRC NOR-333 NAVTEX PC RECEIVE	ER				
<u>File</u> <u>C</u> om Port <u>V</u> iew <u>H</u> elp					
NAVTEX-PC Size Msg Lis Msg Lis Msg Lis Msg Type Navtex Log Self Diagnosis Alarm Alarm History Status Data Clear	✓ <u>S</u> mall <u>M</u> edium <u>L</u> arge	ID IB09 IB08 IA32 GB61 IB07 KA43 JA20 IA16 IA17 HA26	Freq 518 518 518 518 518 518 518 518 518 518	Reverse Lines 74 66 79 19 6 62 16 24 18 24 18 22 16	Total : 53
		HA54 GA44	518 518	13 20	
		GA51 GA62	518 518	35 17	•
Display Size set Medium				Open	COM1 : 4800bps : Flow OFF

Select "View" -- "Size" menu, and select the size of the software screen.

1.8 Select "COM Port" menu, and then select the connected COM port number, 4800bps for baudrate and Flow OFF.

JRC NOR-333 NAVTEX PC RECEIVE		
<u>File</u> <u>C</u> om Port <u>V</u> iew <u>H</u> elp -		
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Open COM1	Ope	en COM1 : 4800bps : Flow OFF

2. Display of NAVTEX message

Received NAVTEX messages can be displayed.

- 2.1. Click "Msg list" on the left side screen.
- 2.2. Select a NAVTEX message from the message list. Selected message title is marked with gray.
- 2.3. Double click the message title to display the NAVTEX message.



2.2

3. Printing of NAVTEX Message

NAVTEX messages can be printed by the three methods as the followings 3.1-3.3. NAVTEX message list can be printed by the method of 3.4.

3.1. Double click the NAVTEX message title to display the NAVTEX message, and then select "File" – "Print" menu to print.

JRC NCR-333 NAVTEX P	C RECEIVER	
File Com Port View He	Dirth Control of Contr	
 NAVTEX-PC Disp Msg List Menu Rx Station Rx Msg Type Navtex Log Data Clear 	Sort: Input Reverse ID Freq Lines KA57 F12 14 KA61 0000000A_IA78_1.txt - Notepad	A
Ready		×

3.2. Click "Msg list" on the left side screen. Click the message title to select. In the case of multiple selection, click the title while pressing the "Ctrl" key to add the selection. Right click, and then select "Print Menu"- "Select Msg".

JNINOR-333 NAVTEX PORECEIVE File Com Port View Help -	R	
NAVTEX-PC Disp Msg List Menu Rx Station Rx Msg Type Navtex Log Self Diagnosis Alarm Alarm History Status Data Clear	Sort : Input ID Freq Lin KA57 518 KA61 518 JE82 518 JA23 518 JA23 518 JA23 518 JA21 518 JA21 518 JA25 490 JA34 518 IA56 518	rse Total: 53 nes 14 11 30 19 20 20 34 6 6 22 Print Menu Select Msg Msg List Batch Print 11 18
Ready	(Open COM1:4800bps:Flow OFF

3.3. Click "Msg list" on the left side screen.Right click and select "Print Menu"- "Batch Print".Select channel, station and message type to print.Click the "PRINT" button.

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<u>File ComPort View H</u> e	р -		
NAVTEX-PC Disp Msg List Msg List Menu Rx Msg Type Navtex Log Self Diagnosis Alarm Alarm History Status Data Clear	Sort : Input		Total: 53
	IA2 IA6 IA7 HA7	D 518 18 4 518 21 8 518 11 0 518 18	
Ready		Open CO	M1 : 4800bps : Flow OFF

3.4. Click "Msg list" on the left side screen.

Right click, and then select "Print Menu"- "Msg List".

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<u>File ComPort View H</u> elp		
NAVTEX-PC Subscription Nave and a state of the state o	Sort : Input ▼ ID Freq IB09 518 IB08 518 IB08 518 IA32 518 GB61 518 IB07 518 IB07 518 IB07 518 IA20 518 IA16 518 IA17 518 IA16 518 IA16 518 IA16 51	Reverse Total: 53 Lines
Ready		Open COM1 : 4800bps : Flow OFF

4. Menu

Menu has the following four items of setup and display.

- 1. Rx Station Setting of received stations.
- 2. Rx Msg Type Setting of message types.
- 3. Navtex Log Display of the Self-diagnosis and alarm information.
- 4. Data clear Reset of each contents data.
- 4.1. Click "Rx Station" on the left side screen. Select and set received stations to display messages.

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<u>File ComPort View H</u> elp		
NAVTEX-PC Disp Msg List Henu Rx Station Rx Msg Type F- Navtex Log	RX1(518k) ▼ Select All ▼ A ▼ J ▼ B ▼ K	Select receive channel.
Self Diagnosis Alarm Alarm History Status Data Clear		
	Select No	n select
Ready		Open COM1 : 4800bps : Flow OFF

4.2. Click "Rx Msg Type" on the left side screen. Select and set received message types to display messages.

JIC NOR-333 NAVTEX PO RECEIVE	ER		
<u>File ComPort View H</u> elp			
NAVTEX-PC Disp Msg List Menu Rx Station Rx Msg Type Navtex Log Self Diagnosis Alarm Alarm History Status Data Clear	R×1(518k) ▼ Select All A : Nav warnings B : Met warnings C : Ice reports D : Search&rescue E : Met forecasts F : Pilot service G : ais H : LORAN I : [spare] V Select	✓ J : satnav ✓ K : other navaid ✓ L : Nav warnings ✓ M : [spare] ✓ N : [spare] ✓ O : [spare] ✓ P : [spare] ✓ P : [spare] ✓ P : [spare] ✓ R : [spare] ✓ R : [spare] ✓ R : [spare]	Ceive channel. ✓ S : [spare] ✓ T : [spare] ✓ U : [spare] ✓ V : special ✓ W : special ✓ Y : special ✓ Y : special ✓ Z : QRU(no msg) SET CLEAR
			Set
Ready		Open COM1 :	4800bps : Flow OFF

4.3. Click "Navtex Log" on the left side screen.

Click each contents (Self Diagnosis, Alarm, Alarm History, Status) to display. They are displayed after performing the following operation on the NAVTEX receiver NCR-333.

1.Self Diagnosis	: In the Main Menu of the NCR-333, select [5.MAINTENANCE] – [1.SELF DIAGNOSIS] to select "ST-PRTN".
2.Alarm	 In the Main Menu of the NCR-333, select [5.MAINTENANCE] – [2.NAVTEX ALARM]. Press "*" key and then select "PRINT OUT". (In the case of "NO DATA", it does not output data.)
3.Alarm History	 In the Main Menu of the NCR-333, select [5.MAINTENANCE] – [2.NAVTEX ALARM]. Press "*" key and then select "HISTORY" - "PRINT OUT". (In the case of "NO DATA", it does not output data.)
4.Status	: In the Main Menu of the NCR-333, select [5.MAINTENANCE] - [3.STATUS]. Press "*" key and then select "PRINT OUT".

4.4. Click "Data Clear" on the left side screen. Click the each button to reset the each data.

All Message Clear	:	Reset of the all message.
Navtexl Log Clear	:	Reset of the Navtex log (Self-diagnosis, alarm,etc).
Config Clear	:	Reset of the config (Com port, baudrate, flow, size,Rx station,msg type).
All Clear	:	Reset of the all message, Navtex log and configuration.

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<u>File ComPort View H</u> elp	
NAVTEX-PC Disp Msg List Menu Rx Station Rx Msg Type Navtex Log Self Diagnosis Alarm Alarm History Status Data Clear	All Message Clear Navtex Log Clear Config Clear All Clear
ready	Upen COMT : 48000ps : Flow OFF