Software instruction manual of NCR-333 NAVTEX PC RECEIVER

1. Preparing
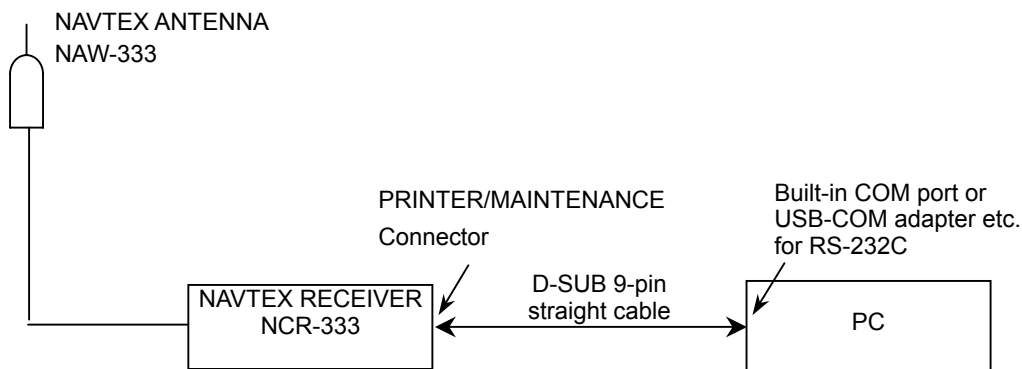
1.1. Prepare the followings:
  - Personal computer (OS: Windows95/98/NT/2000/XP,
                                   Hard disk free space: 10MBytes or more,
                                   COM (RS-232C) port: built-in port or USB-COM adapter etc.)
  - D-SUB 9-pin straight cable (9-pin male connector 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.

NAVTEX ANTENNA
NAW-333

PRINTER/MAINTENANCE
Connector

Built-in COM port or
USB-COM adapter etc.
for RS-232C

NAVTEX RECEIVER
NCR-333

D-SUB 9-pin
straight cable

PC

Connection Diagram

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.
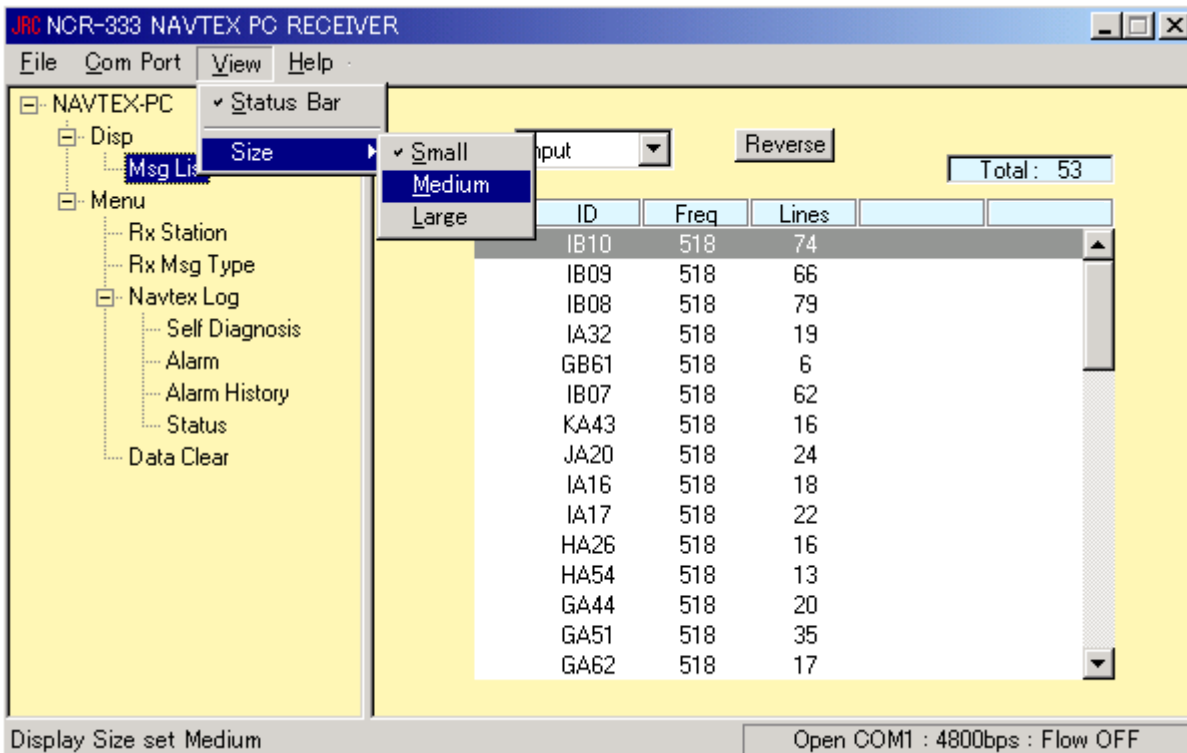
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5.PRINTER PROPERTY
 - DATA OUT          : AUTO
 - DATA FORMAT       : ON
 - BAUDRATE          : 4800BPS
 - FLOW CONTROL      : NONE
 - PRINT DIRECTION   : UPRIGHT
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Note: The method of outputting receiving data to a personal computer from NAVTEX receiver NCR-333.
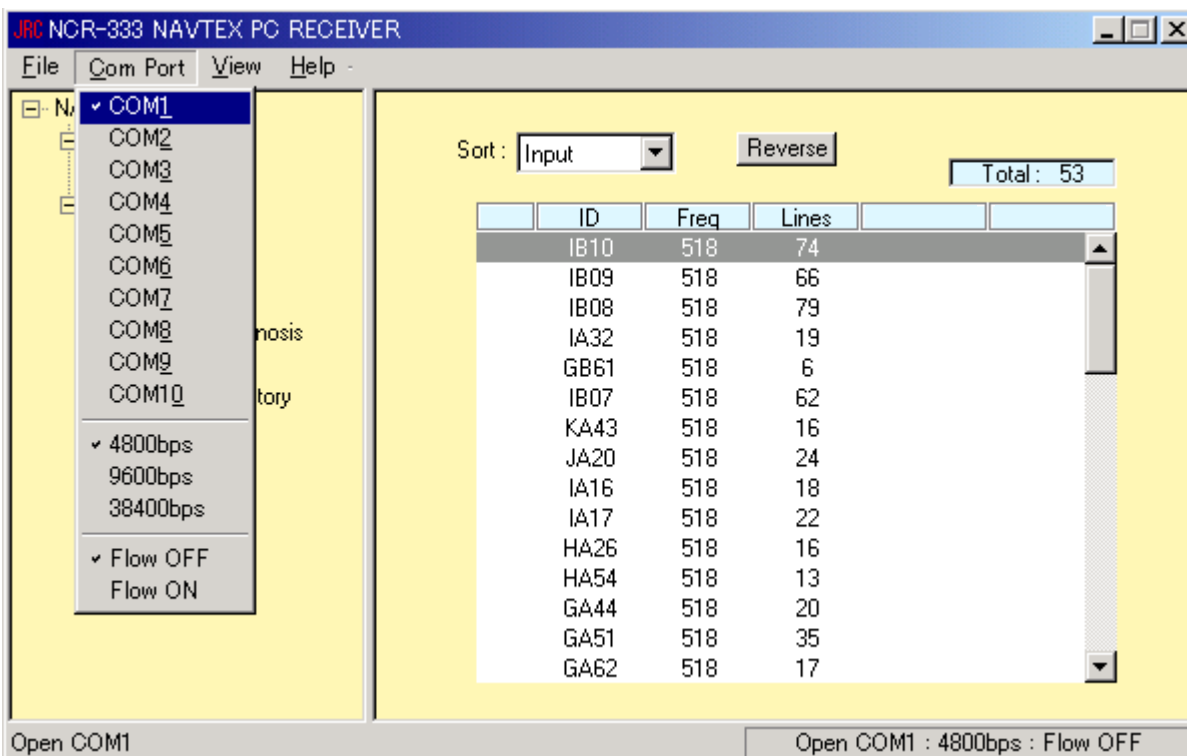   Refer to instruction manual "6.2.7.2 Message list1" – "e. Print messages or the information on equipment".

1.7 If any other applications are operating on the personal computer close them. And then start the software file (NAVTEX PC.exe).

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.

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.

Set of sort

**Input
Station
Msg Type**   **List reverse**   **Total msg number**

2.1

2.3

2.2
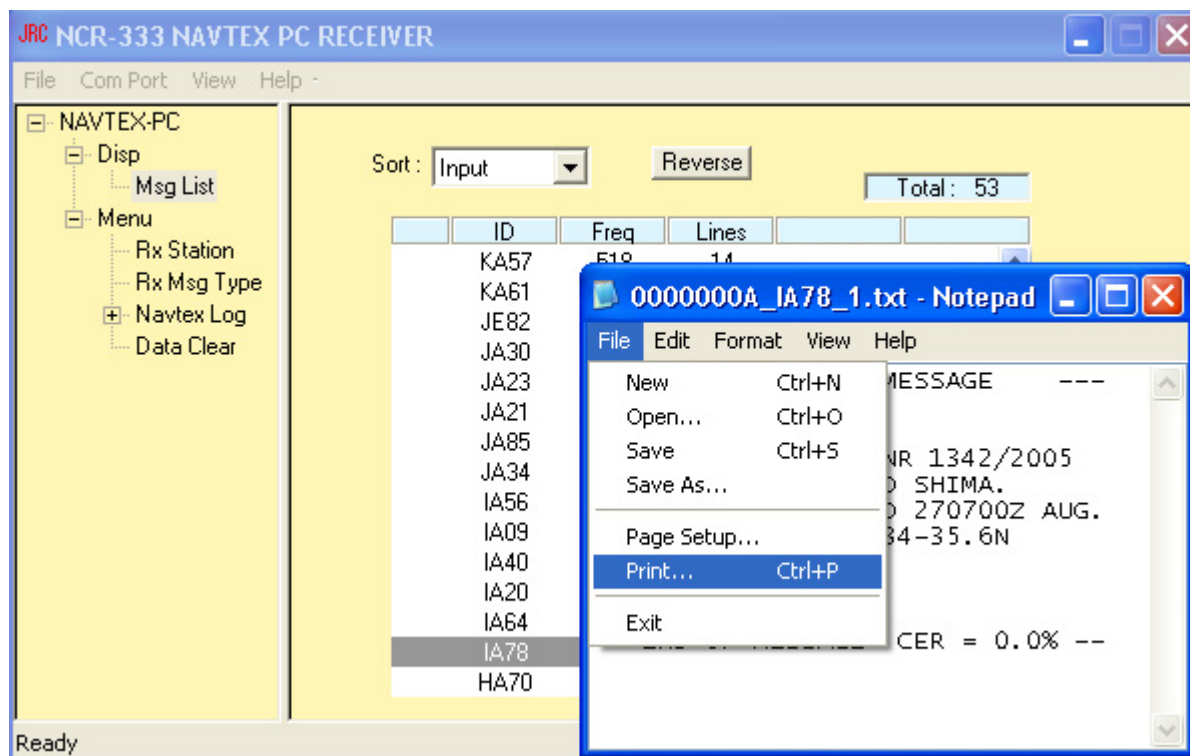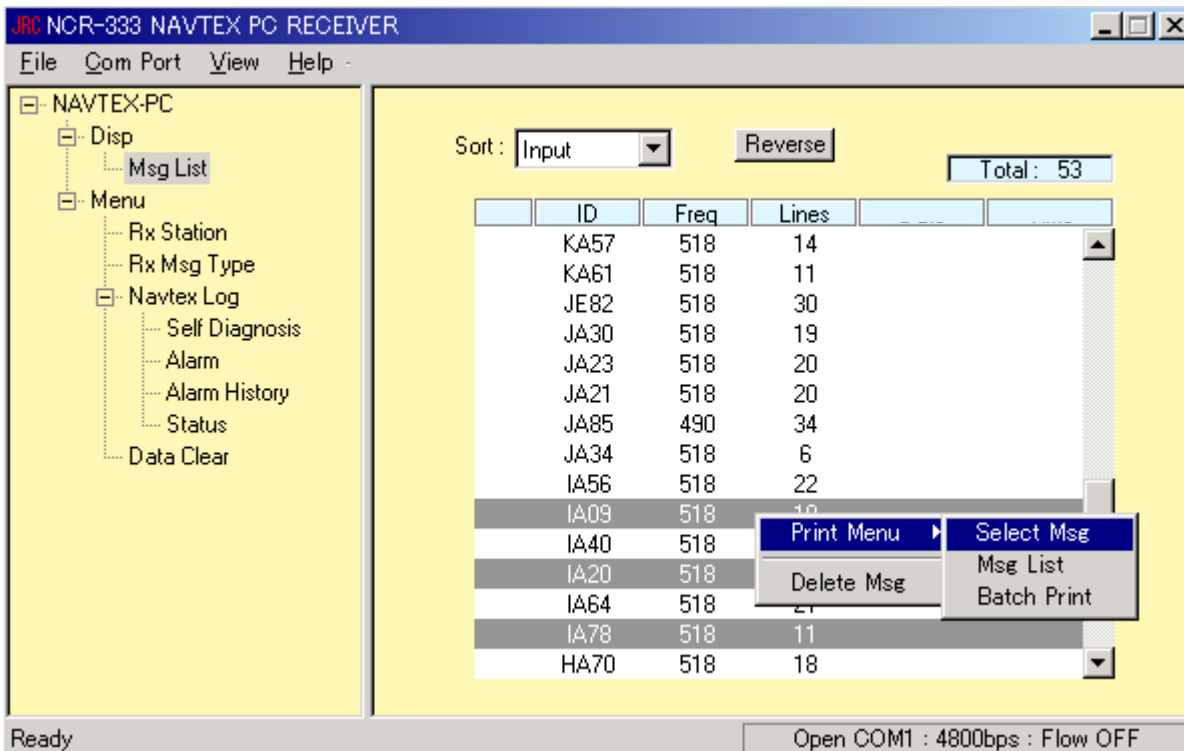
3. Printing of NAVTEX Message

NAVTEX messages can be printed by the three methods as the followings 3.1-3.3.

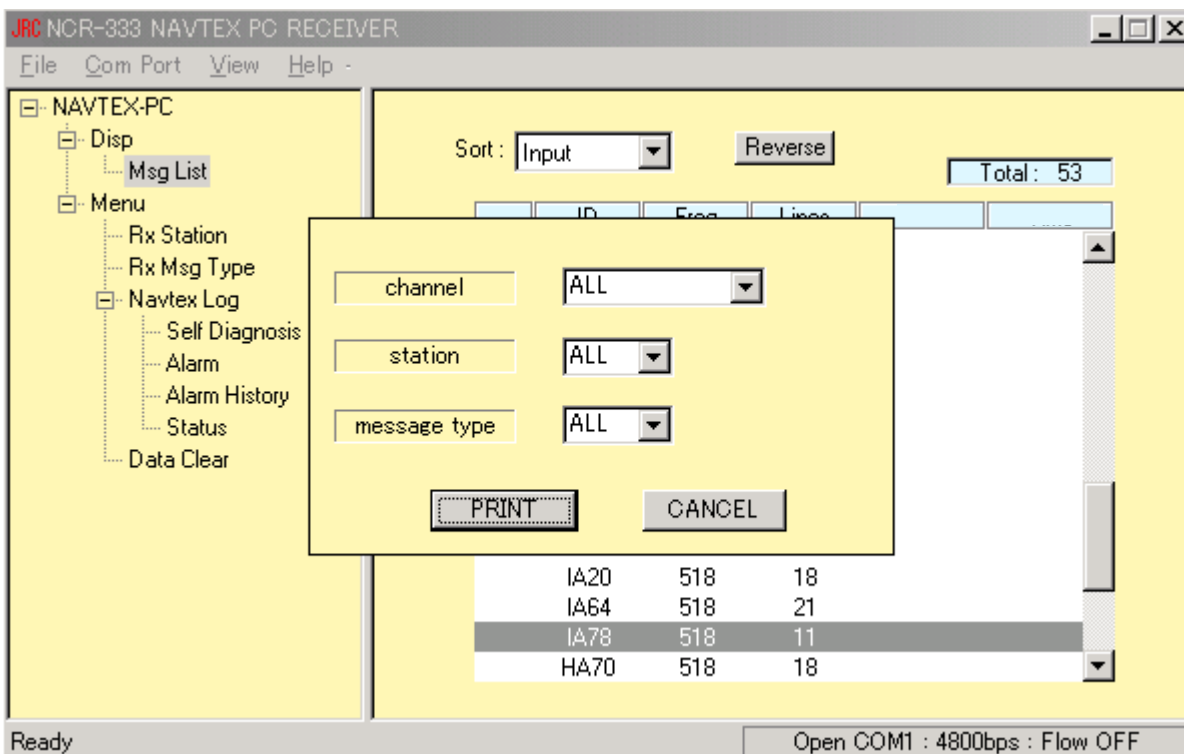NAVTEX message list can be printed by the method of 3.4.

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

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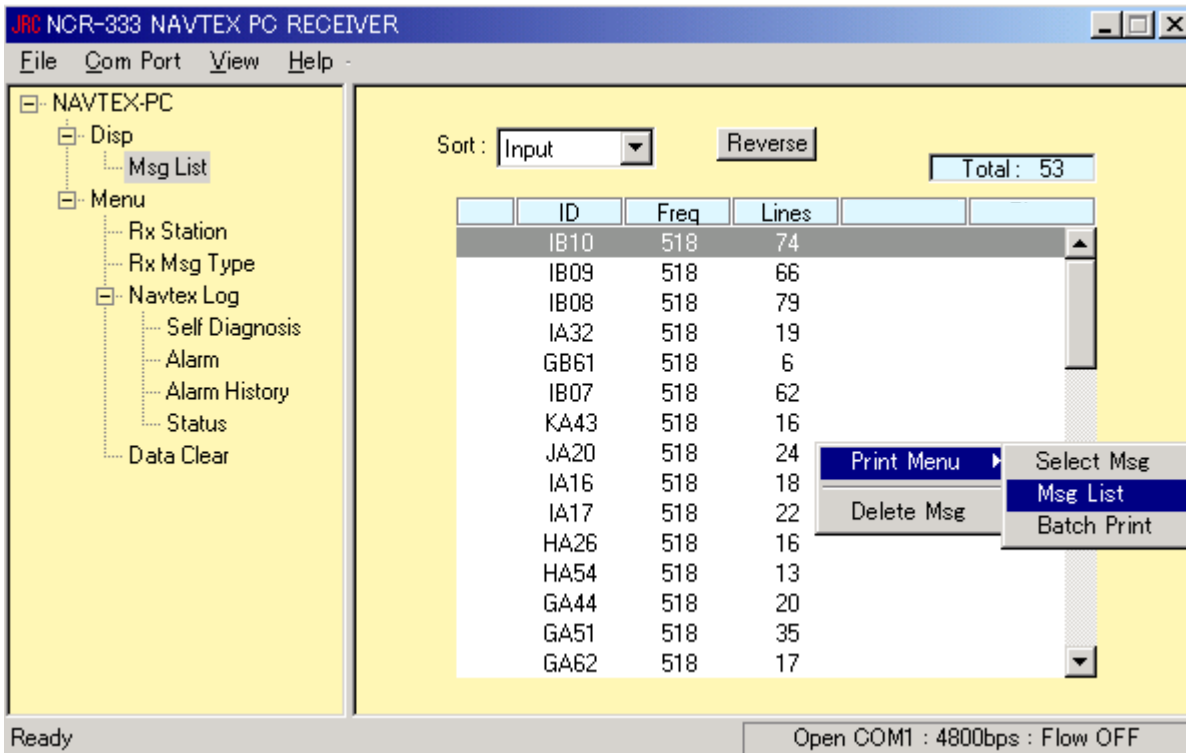Right click, and then select "Print Menu"- "Select Msg".

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.

3.4. Click "Msg list" on the left side screen.
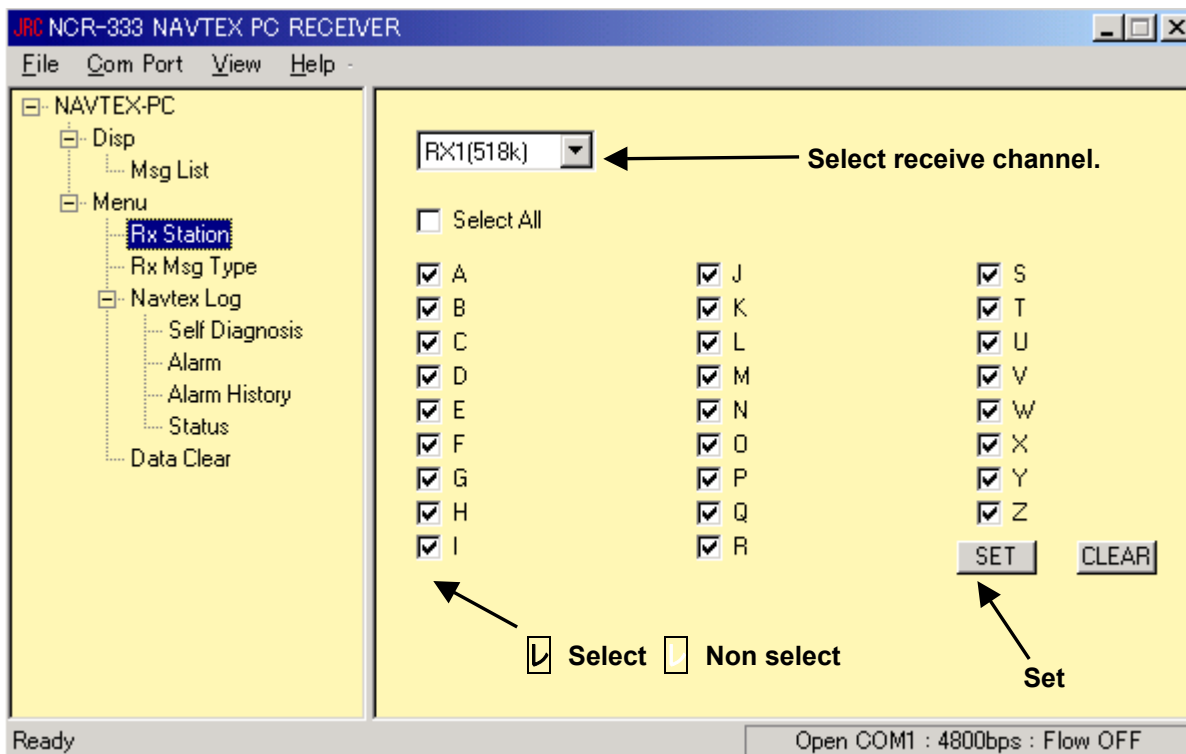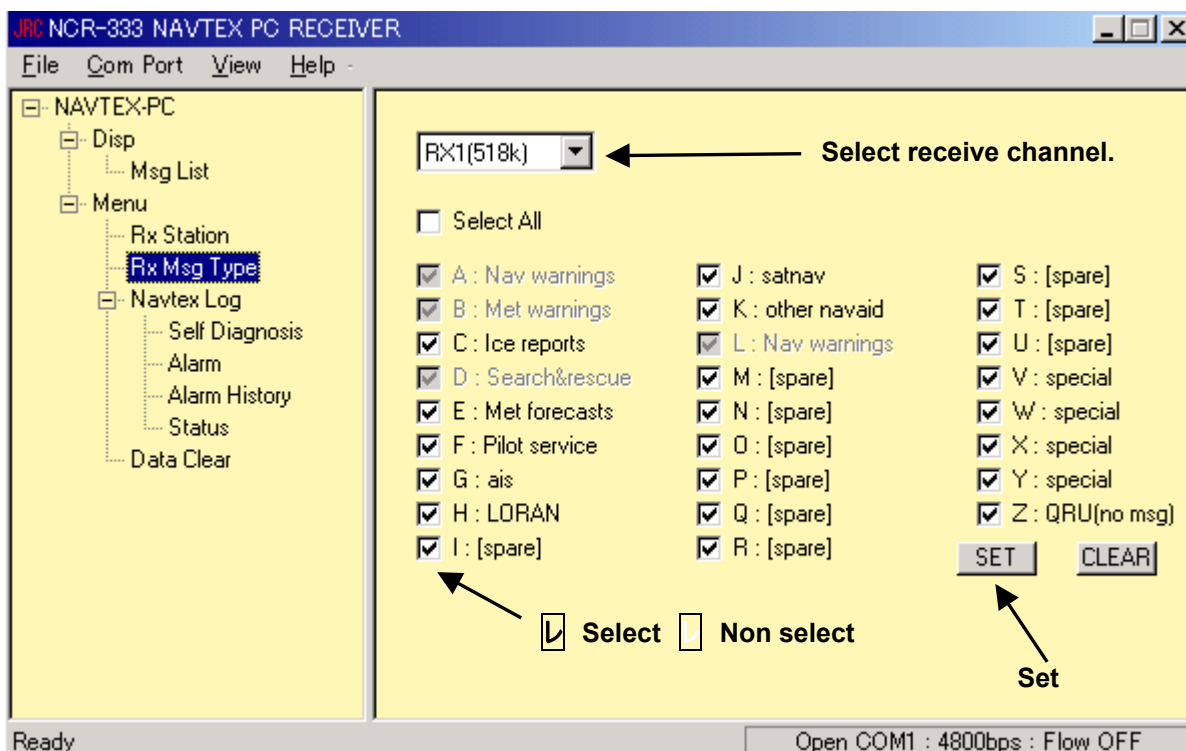Right click, and then select "Print Menu"- "Msg List".

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.

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

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.