

winIST

Inmarsat-C PC Screen Tool Operation manual

Ver 4.00

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1 Introduction

1-1 Outline

This manual explains about INMARSAT terminal **PC Screen Tool [winIST]**.

Using this PC screen tool, the data of INMARSAT terminal can be displayed in your PC screen, also can be set the data of Inmarsat terminal devices from your PC.

Configuration of INMARSAT terminal and **winIST** at the data communication is outlined below.

Configuration of INMARSAT and PC

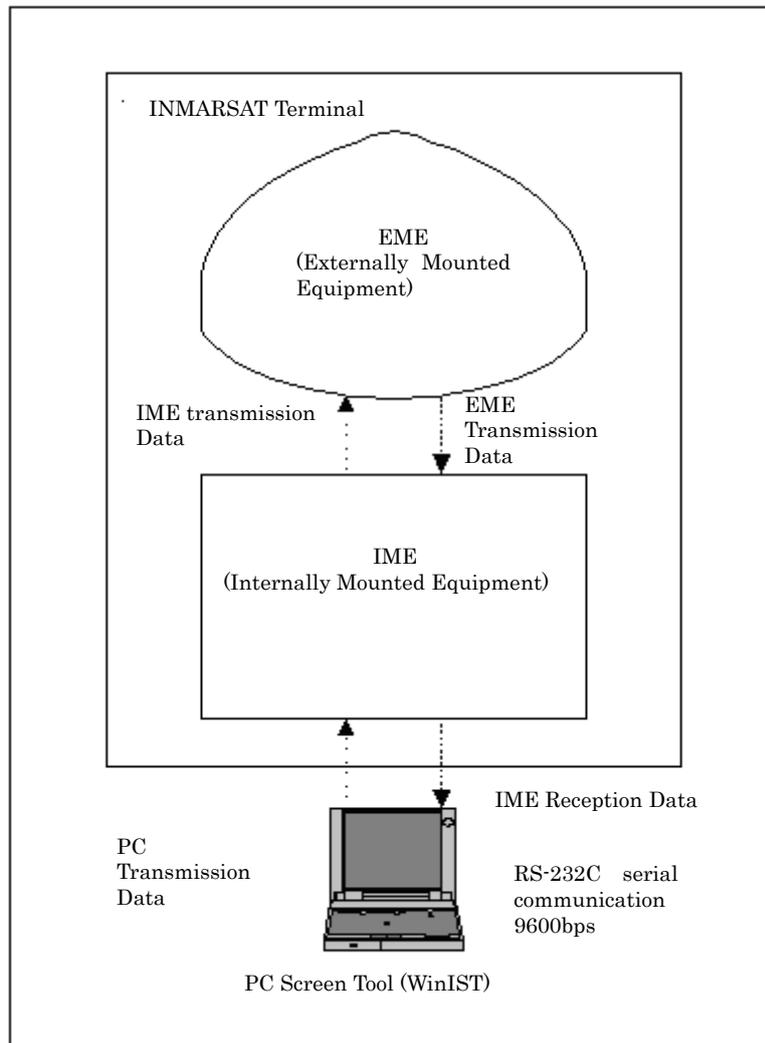


Fig. 1-1 Configuration of INMARSAT terminals and PC

1-2 Caution during operation

Confirm this caution carefully prior to operation.

Startup of the tool

When **winIST** is started with unconnected to the INMARSAT terminal, the processing of PC might become slow depends on the setting of [COM PORT]. In this case, please set the [Flow Control] of [COM PORT] to [HARDWARE].

1-3 Common operation on each setting screen

Common operation of **winIST** is outlined below.

■ [SET] button

Used to set the data to the INMARSAT terminal.

When this button is clicked, the data in the [SET] button-frame is written into the INMARSAT terminal.

■ [SAVE] button

Used to store the data on PC temporarily, when you want to set 2 or more data.

When this button is clicked, the data is not written in the INMARSAT terminal even the data is reflected on the PC. Click the [SET] button when editing a data is completed, then the data is written into the INMARSAT terminal.

■ [CLEAR] button

Used to initialize the data registered in INMARSAT terminal, and also delete the data editing on your PC now. It deletes the data in “edit box”(it is used to editing only), press [SAVE] button if you want to reflect the data to the PC.

■ [REFRESH] button

Used to refer the latest data. When this button is clicked, the latest data obtained from INMARSAT terminal is displayed.

■ [START] button

Used to start the function you want to carry out. You can confirm or setting of other data on your PC.

■ [STOP] button

Used to cancel the function ongoing.

■ [SELECT] button

Used to select stored file.

When this button is clicked, dialogue box for selecting file is displayed. Then select a file you want to use.

■ [Spin] button (To direct entering in Edit box)

The data that is fluctuated in small range can be entered with [Spin] button (use to adjust increase / decrease of value) or direct entry.

It is automatically corrected to maximum value, if the value entered directly is exceeded upper limit, and corrected to minimum value if the value is lower than the lower limit.

■ Setting data

It is required to read out the data from the terminal, prior to the data setting.

Data cannot be set when data acquisition from the terminal is failed. However, there are some exceptions.

■ Error display of setting data

When the illegal data is set to the INMARSAT terminal and [SET] button is clicked, the error dialog is displayed and it encourages data correction.

2 Preparation and confirmation prior to using winIST

Carry out below outlined procedures prior to using winIST.

2-1 Hardware requirements and preparation

1. Confirm the OS of your PC.

[On Windows]

Open [Control Panel] in [Start] menu of windows, and then open [System].

Select [General] tab, then confirm that [Windows XP], [Windows 2000], or [Windows 98] is written on the [System] column.

2. Confirm the display size of PC screen

Open [Properties] by right-click on the desktop display. Select [Setting] tab and confirm that Screen resolution is set over 800x600 pixels. When it is not set, set it 800x600 pixels or more.

3. Prepare the cable

Prepare straight cable of RS-232C (one side is D-sub 9 pin female, and the other side is able to connect to your PC).

4. Install winIST to your PC

Copy winIST.exe file to your PC. It can be copied into desktop.

2-2 Connection

Connect your PC and INMARSAT terminal by RS-232C cable. Then connect the D-sub 9 PIN connector to X3-MAIN of IME, INMARSAT terminal.

Please note it does not operate properly when you connect the cable to Option Port.

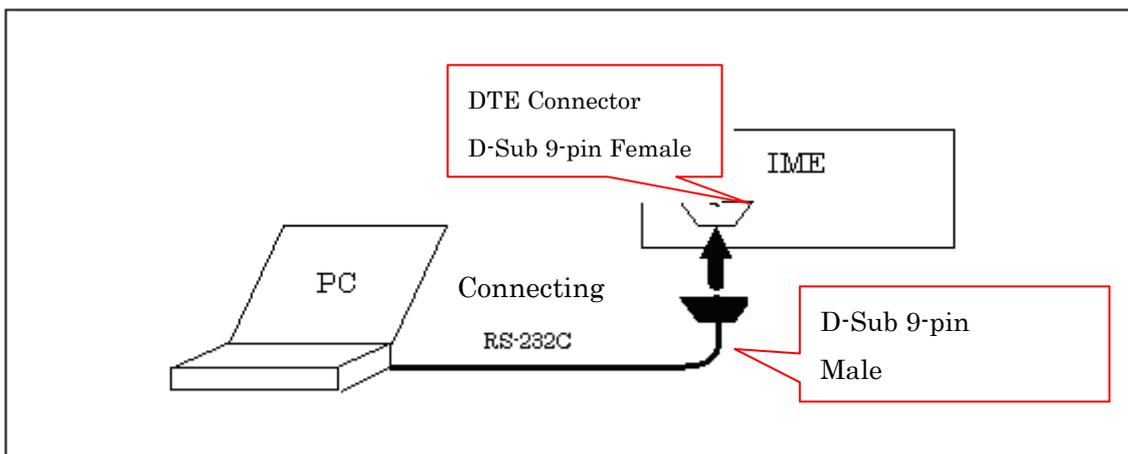


Fig. 2-2 Cable connection of IME and your PC

3 Basic operation

In this section, the confirmation after starting **winIST** and termination of **winIST** is explained. Carry out setting of **winIST** by following procedure.

3-1 Startup

Step 1. Double-click the winIST.exe(PC Screen Tool execute file) in the state where the INMARSAT terminal has started. Following screen is displayed.

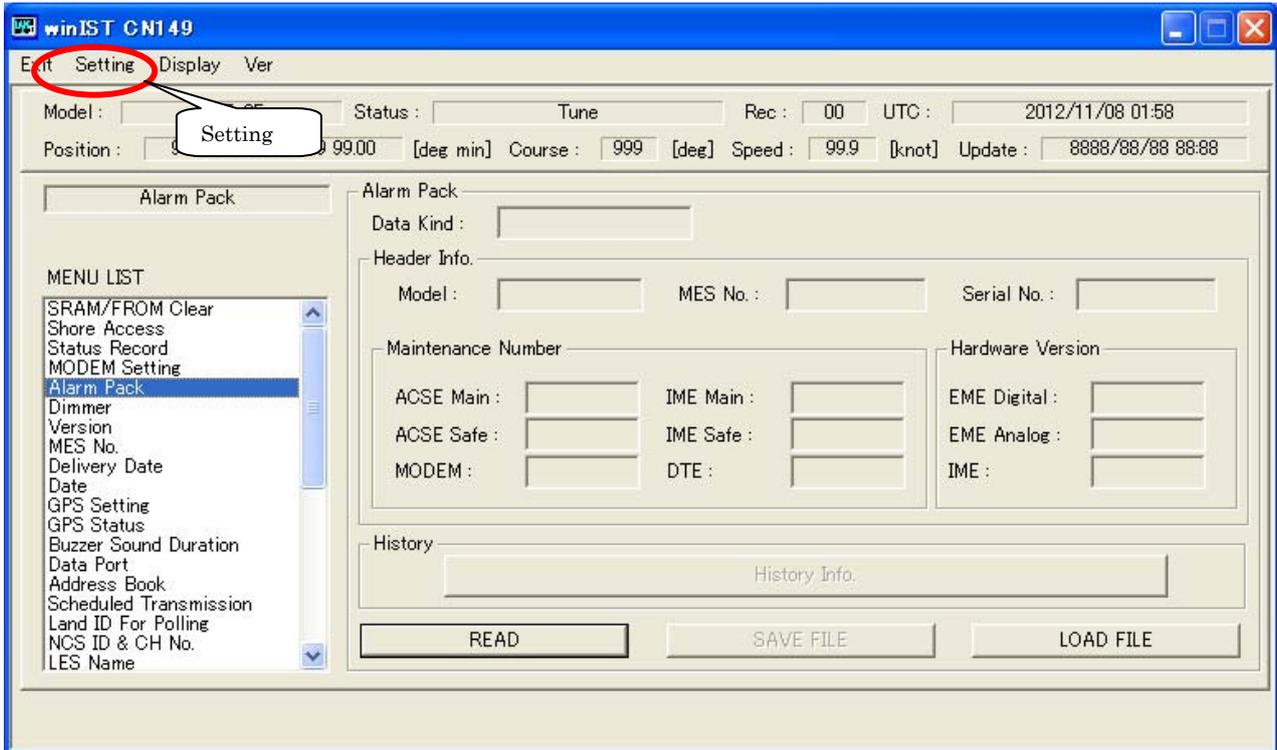


Fig. 3-1a winIST startup screen

Step 2. Click [Setting] in menu bar of displayed screen in order to setup [COM PORT].

Following window is displayed when [Setting] is clicked. Select the Port No. [COMx] in [Port] box. Also confirm the setting of [Baud Rate], [Parity], [Stop], and [Flow Control] is set as fig. 3-1b Setting window. Go to next step when you confirm they are set correctly. Carry out below outlined procedure (1) to (5), when the settings of these parameters are different from fig. 3-1b.

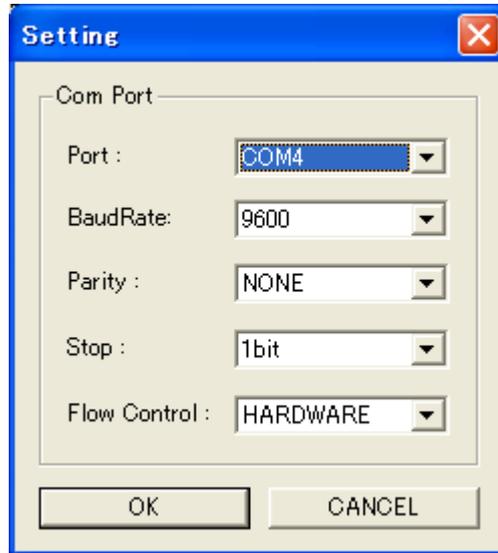


Fig. 3-1b Setting window

(1) Select the Port No. you want to use, from COM1 to COM10.

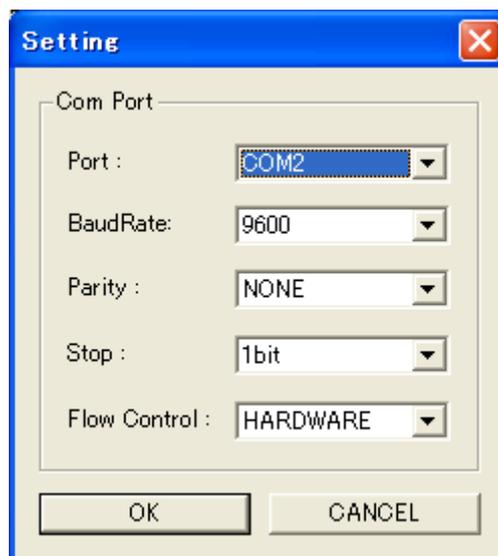


Fig. 3-1c PORT selection window

(2) Select [9600] to Baud Rate . No alteration is necessary when it is already set.

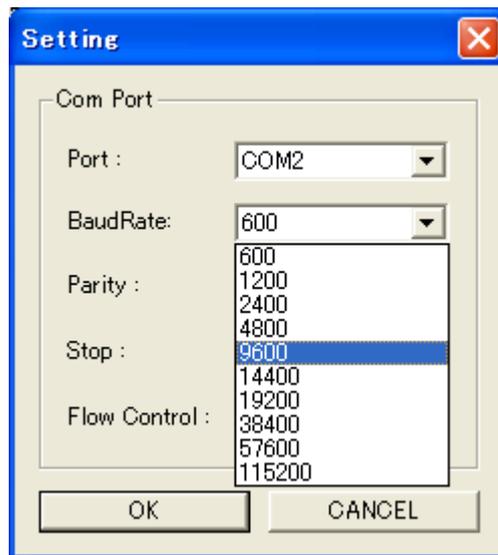


Fig. 3-1d Baud Rate selection window

(3) Select [Parity] to [NONE]. No alteration is necessary when it is already set.

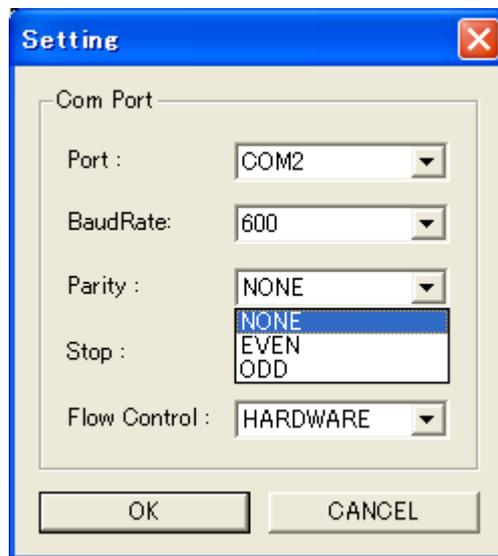


Fig. 3-1e [Parity] selection window

(4) Select [Stop] Bit to [1 bit]. No alteration is necessary when it is already set.

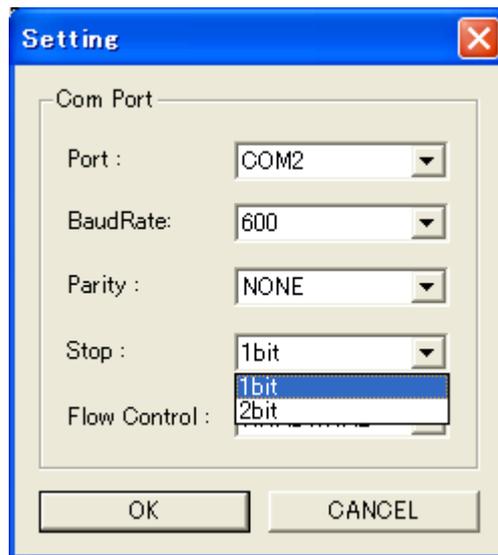


Fig. 3-1f Stop Bit selection window

(5) Select [Flow Control] to [HARDWARE]. No alteration is necessary when it is already set.

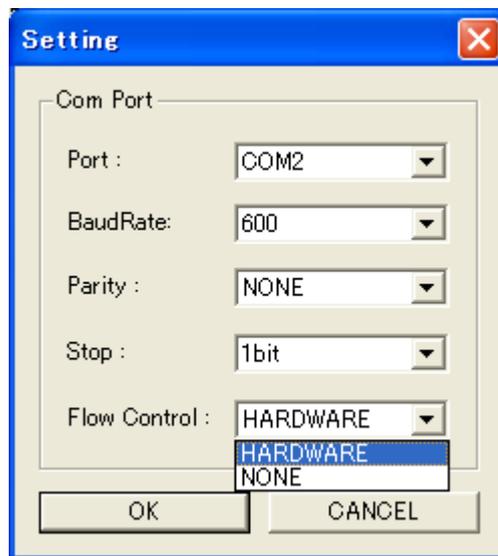


Fig. 3-1g [Flow Control] selection window

Step 3. Click [OK] button when setup of [COM PORT] is completed.
Click [CANCEL] button to cancel the setting.
Carry out above procedure when you startup **winIST**.

NOTE

1) Following dialogue is displayed when initial startup is executed or your PC has no winIST.ini file.



Fig. 3-1h winIST.ini file acquiring error message

This screen indicates that your PC has no winIST.ini file.

The winIST.ini file is automatically created in the folder that has winIST.exe.

There is no problem in operation thereafter.

2) During few seconds, clicking [Setting] menu is impossible. Wait and set [COM PORT] when clicking becomes possible.

3) Following message is displayed when opening of [COM PORT] is failed.



Fig. 3-1i [COM PORT] open error message

Click [Setting] menu again and confirm below outlined 5 setups.

1. Port is set to usable Port.
2. Baud Rate is set to [9600].
3. [Parity] is set to [NONE].
4. Stop Bit is set to [1bit].
5. Flow control is set to [HARDWARE].

Click [OK] button when confirmation is completed.

4) Communication with INMARSAT terminal is not possible when you setup [COM PORT] in the wrong.

3-2 Quitting winIST

Step 1. Click [Exit] or closing button into quitting winIST.

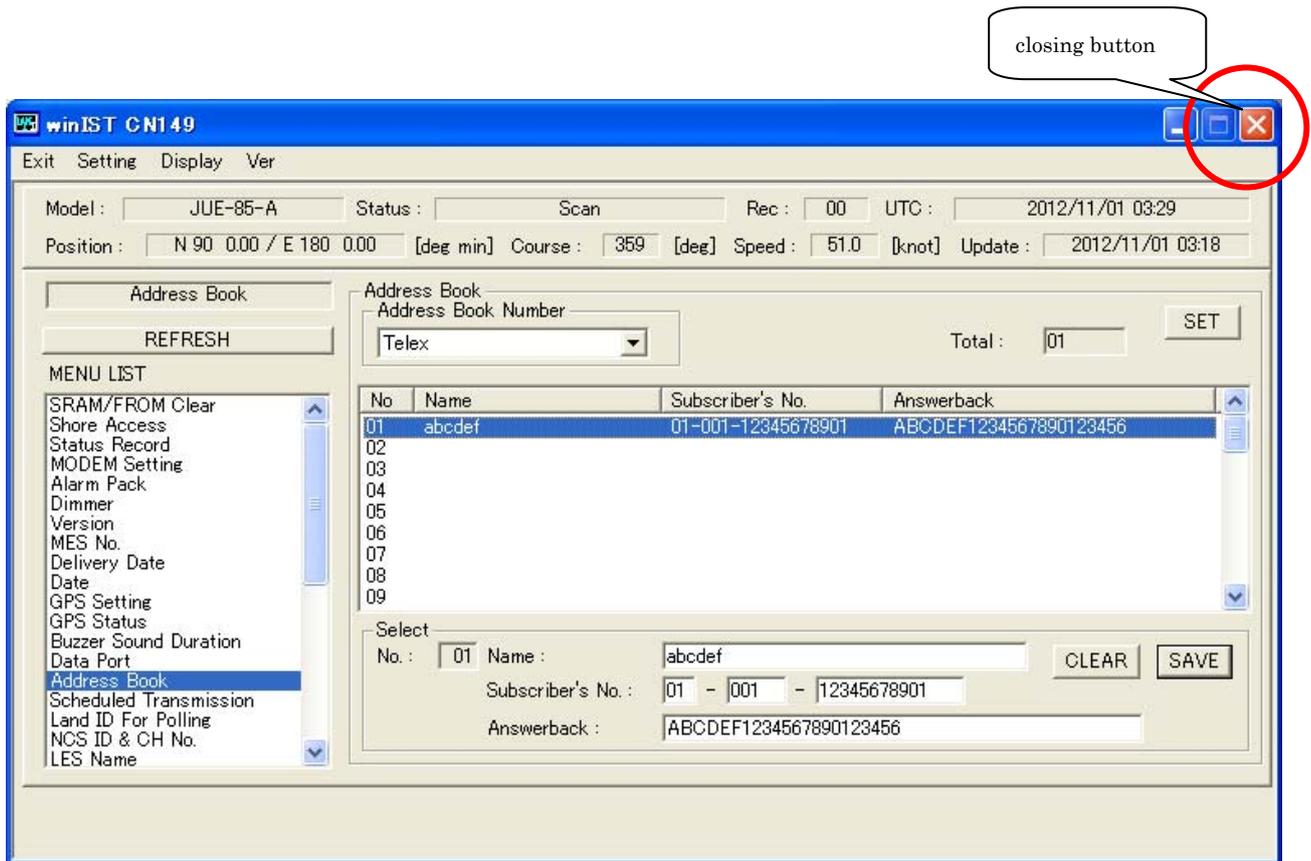


Fig. 3-2a Closing button on the screen

Step 2. Following message is displayed when winIST is communicating with INMARSAT terminal.

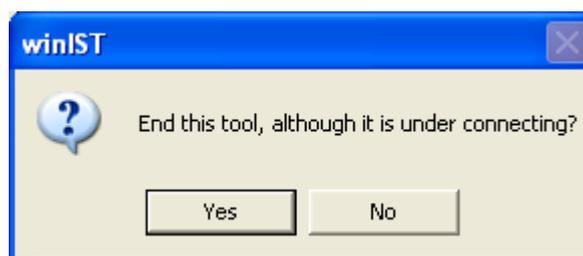


Fig. 3-2b Closing confirmation message

Click [Yes] when you quit winIST, or click [No] when you continue the job.

3-3 VMS password releasing

Following password-input window is displayed when connected terminal is VMS model.



Fig. 3-3 VMS password-input window

- Step 1. Enter VMS password and Click [OK] button.
- Step 2. Click [EXIT] button when you want to quit winIST.

3-4 [Version] display of screen tool

1. Click [Ver] in the menu bar.

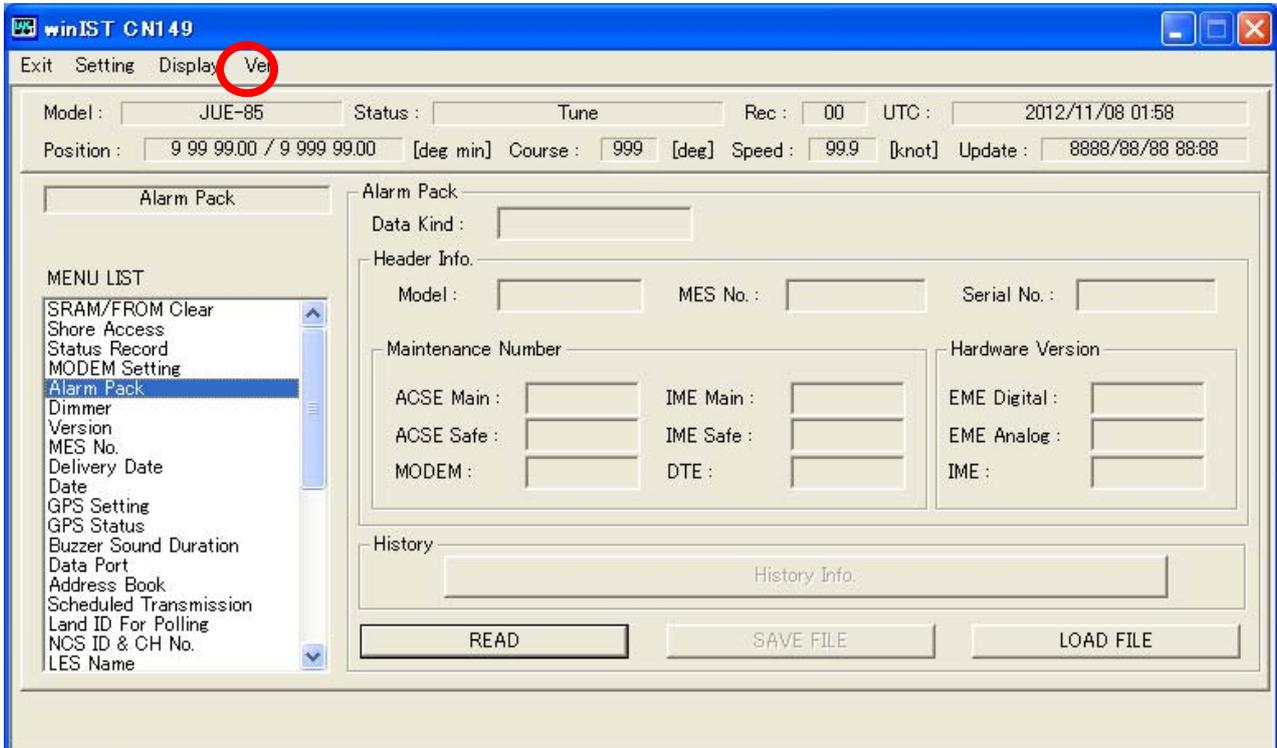


Fig. 3-4a [Version] display selection screen

2. Confirm the version of winIST.



Fig.3-4b [Version] confirmation window

4 Data confirmation and setup of INMARSAT terminal

Procedure of data confirmation and setup of INMARSAT terminal is explained in this section.

4-1 Confirmation and changing of status display

4-1-1 Confirmation of Status display

Following screen is displayed to confirm the status of winIST.

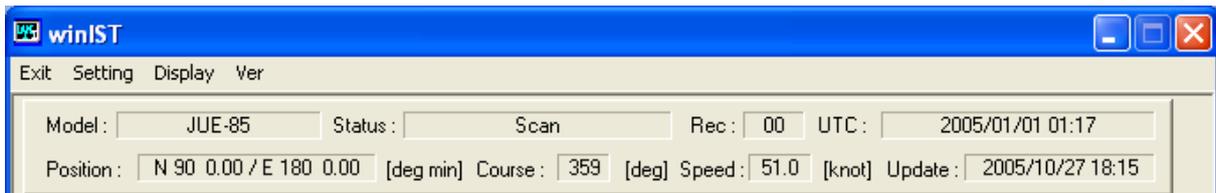


Fig. 4-1-1 Status display GPS mode window

Status information is displayed in status display mode (see above figure).

The winIST displays status information always and automatically, so special operation is not required.

Check below outlined items, to confirm status of winIST.

Model

A terminal model now connecting to winIST is displayed.

- JUE-85-A
- JUE-95SA-A
- JUE-95VM-A
- JUE-95LT-A
- JUE-85
- JUE-95SA
- JUE-95VM
- JUE-95LT

Status

Status of MES (below outlined) is displayed.

- Log-out
- Tune
- Ready
- Comm (TX)
- Comm (RX)
- Queue
- PV test
- EGC only
- Scan
- EGC (RX)

Rec

Reception strength of signal from satellite is displayed by the numeral value of 0 to 15.

UTC/LT

Current Date and Time is displayed as UTC (Universal Time coordinated) or LT (Local time).

GPS information

Position information received from GPS is displayed.

Position

Position information of GPS is displayed. [N]and[S] means North latitude and South latitude, [E] and [W] means East/West longitude, and values means [degree] and [minute].

- [Course]

It displays traveling direction.

- [Speed]

It displays passing speed per hour.

- [Update]

It displays updated day and hour of GPS information.

- Message Transfer Status

Message Transfer Status is displayed.

Confirm Message Transfer Status after changing of status display.

To confirm Message Transfer Status, carry out change in status display item first(refer 4-1-2 Changing [status display item] to confirm [Message Transfer Status]).

4-1-2 Changing [Status display item] to confirm [Message Transfer Status]

Besides GPS information, Message Transfer Status can be confirmed in status display.

To confirm Message Transfer Status, display it with following procedure.

Step 1. Click [Display] in the menu bar in upper part of the screen. Select [Status].

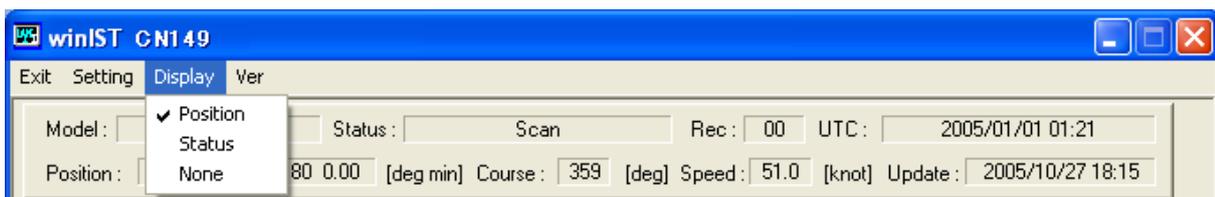


Fig. 4-1-2a [Display] of status display selection window

Step 2. Status display is changed to following figure.

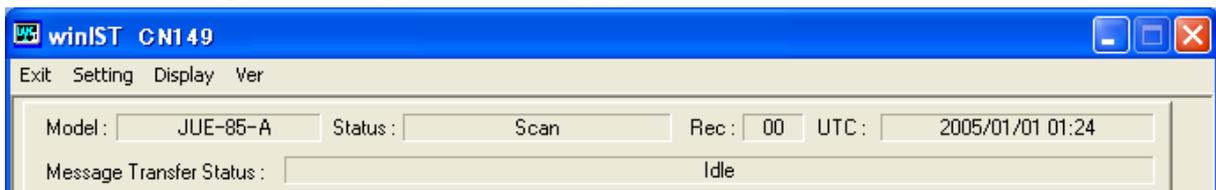


Fig 4-1-2b display window

*Nothing is displayed in the lower line of status display, when you select [NONE] at [Display] menu box.

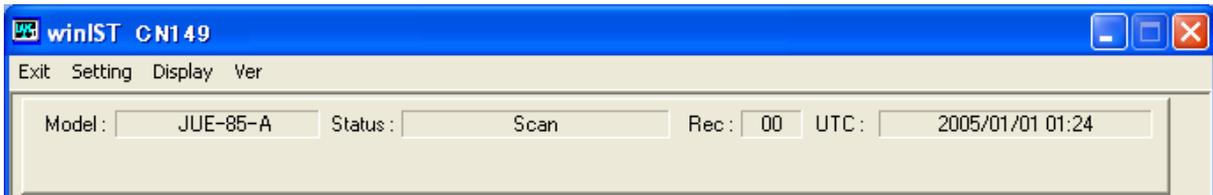


Fig. 4-1-2c No display in status display window

NOTE

1. Empty column is displayed when winIST failed to receive the data.

In this case, carry out following procedure and confirm the data again.

1. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
2. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
3. Confirm INMARSAT terminal works normally or not, by the lightning of POWER-LED of IME.

2. In case of [NONE] is selected at [Display] menu box, the data of Preferred OR is set to [All Ocean Region] with force, and scanning of Ocean Region is initiated after about 20 minutes later.

4-2 [SRAM / FROM Clear] screen

The data stored in SRAM/ FROM of INMARSAT terminal can be deleted in SRAM/FROM clear screen.

Step 1. Click [SRAM/FROM Clear] in [MENU LIST], then following screen is displayed.

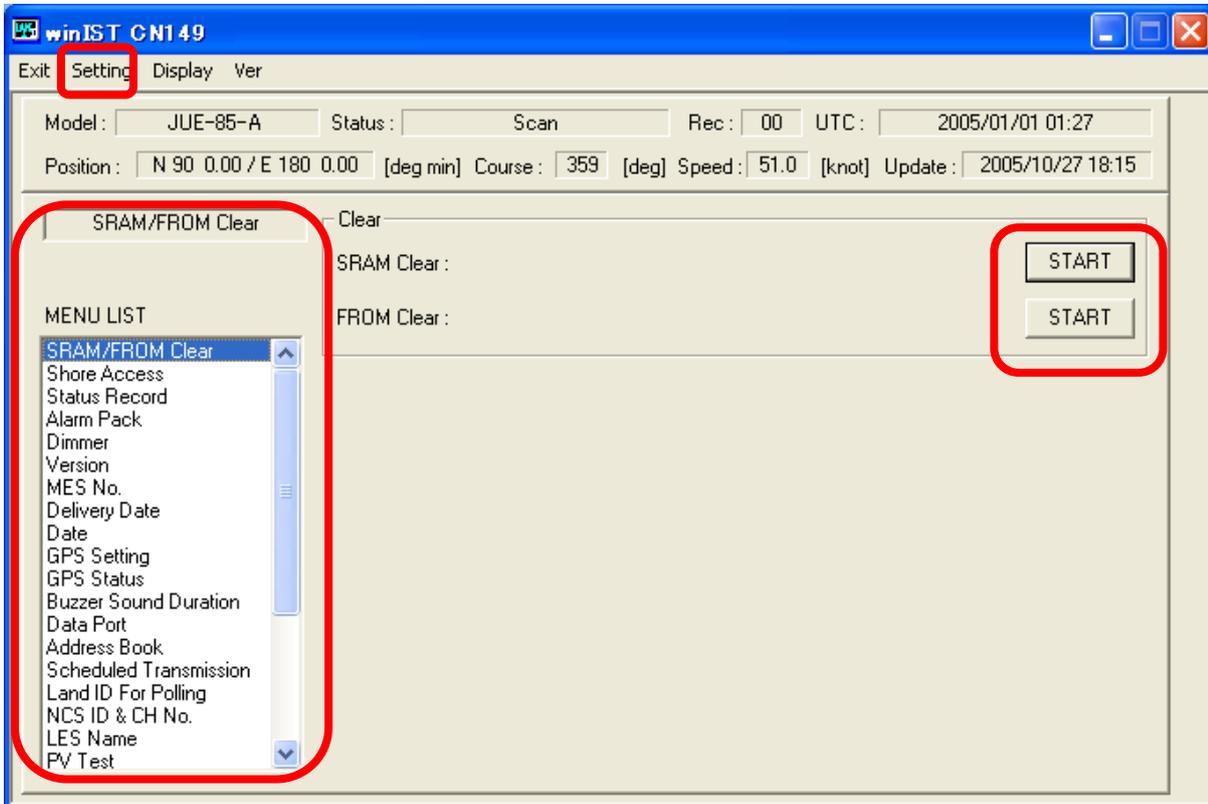


Fig. 4-2a [SRAM/FROM Clear] screen

To clear SRAM

Step 1. Click [SRAM Clear] Start button.

Step 2. Following dialogue box is displayed. Click [OK] when you execute [SRAM Clear].

Click [CANCEL] when you execute cancel. The [START] button is turned to a pale color display when you click [OK].



Fig. 4-2b [SRAM Clear] confirmation dialogue box

Step 3. The [START] button is turned to a black color display when [SRAM Clear] process is completed.

To clear FROM

- Step 1. Click [FROM Clear] Start button.
- Step 2. Following dialogue box is displayed. Click [OK] button when you execute FROM Clear. Click [CANCEL] when you cancel the job. The Start button is turned to pale color when you clicked [OK].



Fig. 4-2c FROM Clear confirmation dialogue box

- Step 3. The [START] button is turned to a black color display when FROM Clear process is completed.
- Step 4. Reboot INMARSAT terminal after [SRAM/FROM Clear] process is completed.

NOTE

1. Following message is displayed when [SRAM/FROM Clear] process is failed after [OK] button is clicked on [SRAM/FROM Clear] dialogue box.



Fig. 4-2d Data setting failed display

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
- 2.Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-2a** **[SRAM/FROM Clear] screen** cannot be operated.)

4-3 [Shore Access] Confirmation

The information of current LES can be confirmed in [Shore Access] screen.

1. Click [Shore Access] in [MENU LIST], then following screen is displayed.

(Click [Shore Access] of [MENU LIST] again, or click [Refresh] button to renew the data.)

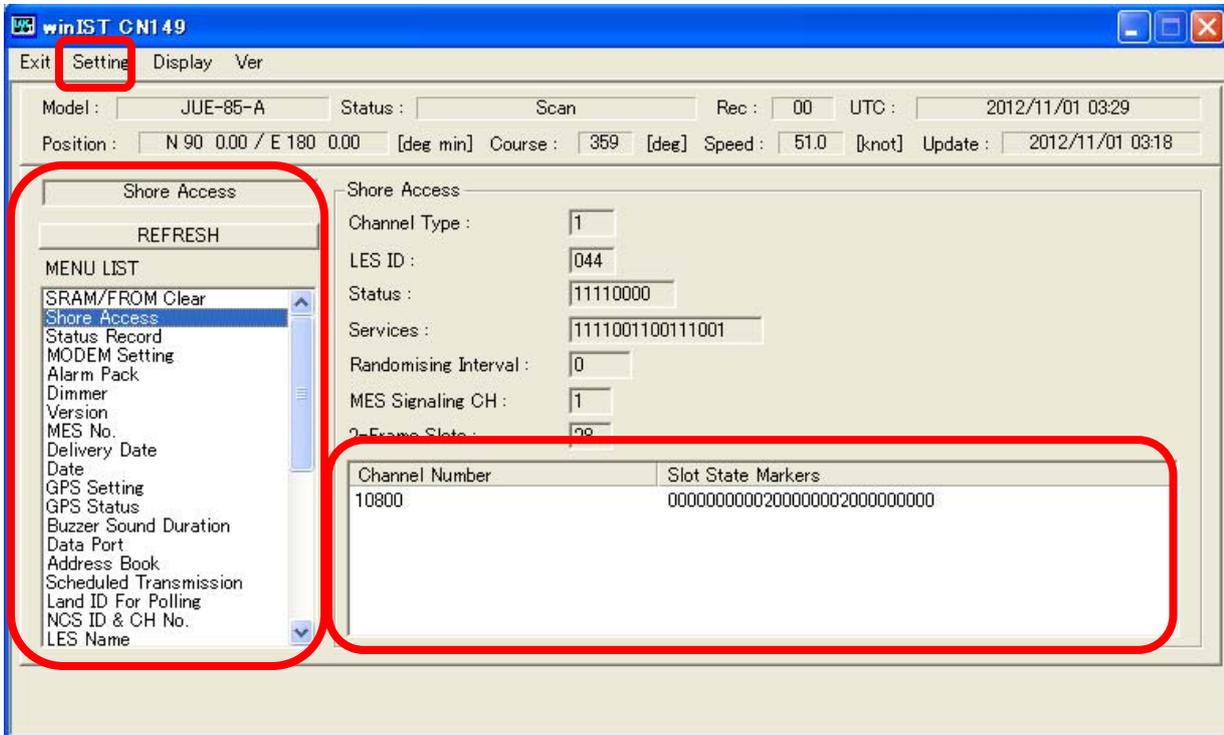


Fig. 4-3a [Shore Access] screen

2. Confirm following data in above screen.

- Channel Type
- LES ID
- Status
- Services
- Randomising Interval
- MES Signaling CH
- 2-Frame Slots
- Channel No.
- Slot State Marks

NOTE

1. Empty column is displayed when winIST failed to receive the data.

In this case, carry out following procedure and confirm the data again.

1. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
2. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
3. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-3a [Shore Access] screen** cannot be operated.)

4-4 [Status Record] Acquisition

In [Status Record] screen, you can make up the history file that condition of communication and status information of INMARSAT terminal.

Step 1. Click [Status Record] of [MENU LIST], then following screen is displayed.

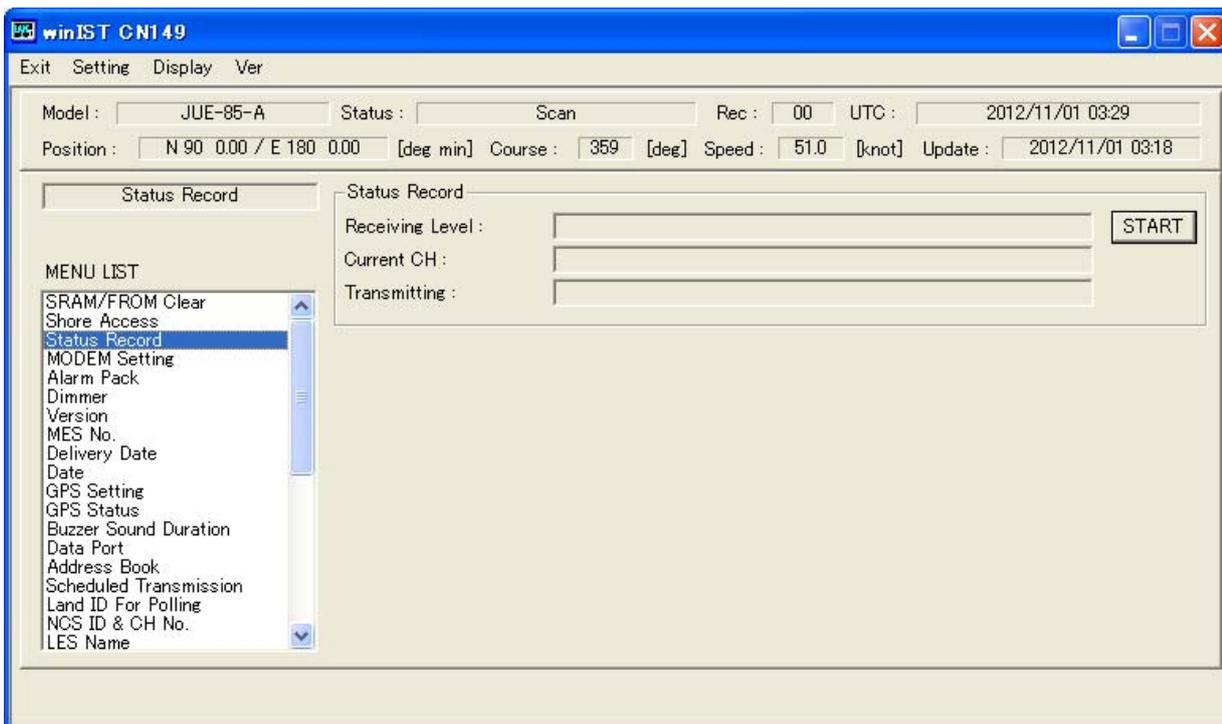


Fig. 4-4a [Status Record] screen

Step 2. Click [START] button.

Recording of the Status of INMARSAT terminal is initiated when you press [START] button (then [START] button is changed to [STOP] button).

Each data display button is changed to empty column.

Step 3. Status information received from INMARSAT terminal is displayed in following screen.

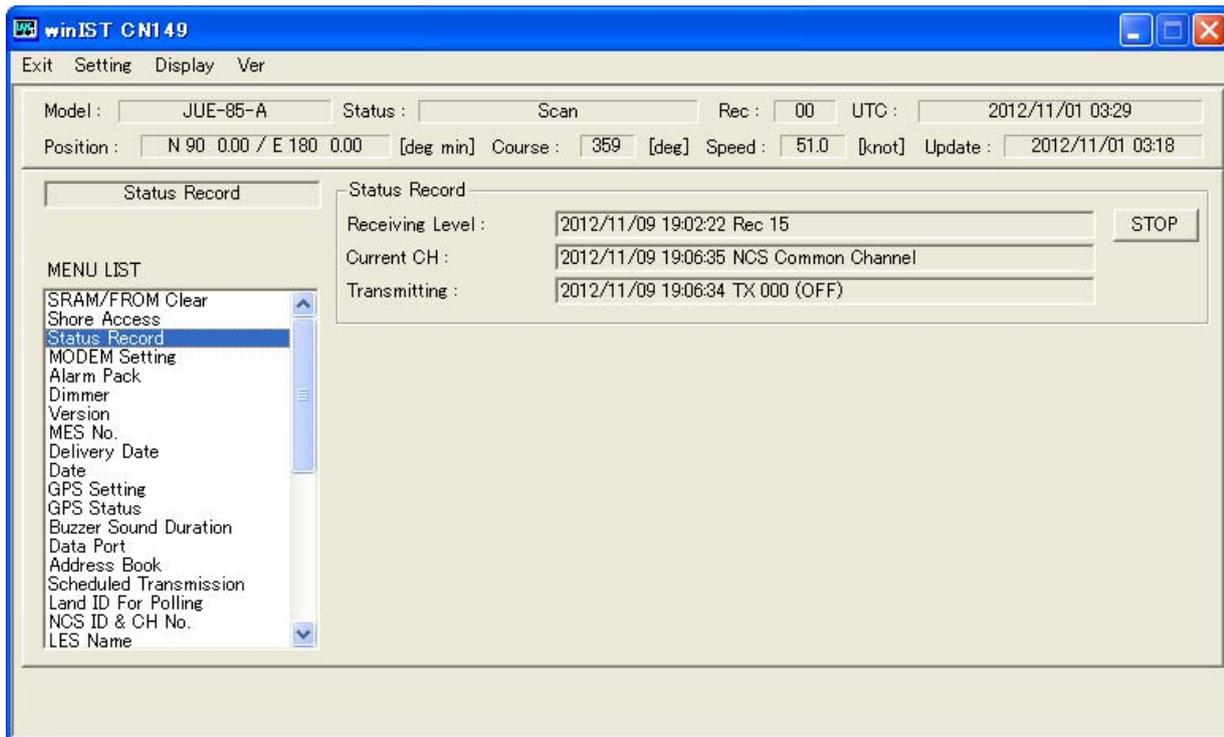


Fig. 4-4b [Status Record] acquisition screen

[Status Record] records following type of the data.

- Receiving Level
- Current CH
- Transmitting

The latest received data is displayed in the column of Status data.

Step 4. Click [STOP] button into finish the recording of Status data.

Step 5. [Status Record] file is created in the same directly by winIST.exe.

File name : ST144058.DTE

144058 means the start time of [Status Record] activation, 14:40:58
(UTC conversion time of PC screen tool)

[Status Record] file is output as following style.

To see the file, set the extension of the file name to “.txt”.

```
2005/02/04 14:41:01 Unable to Synchronize
2005/02/04 14:41:02 Unable to Synchronize
2005/02/04 14:41:06 MES Message Channel
2004/11/18 12:23:03 Rec 06
2004/11/18 12:23:06 TX 001 (LOW)
2004/11/18 12:23:10 TX 001 (OFF)
2004/11/18 12:23:13 Returning
2004/11/18 12:23:16 Rec 00
2004/11/18 12:23:20 TX 001 (LOW)
2004/11/18 12:23:21 TX 001 (HIGH)
2004/11/18 12:23:22 TX 050 (LOW)
[EOF]
```

The first received data after [Status Record] function is activated.

The latest received [Status Record] data

NOTE

1. Confirmation and Setting of the data in the other menu is possible after [Status Record] is started.
2. Each data column of [Status Record] is displayed as empty. It is not a malfunction of winIST.
3. [Status Record] data acquisition is continued unless the [STOP] button on the screen is clicked or this tool is closed.

4-5 [MODEM Setting] Confirmation / Setting

Modem Potentiometer and Master OSC can be confirmed and set in [MODEM Setting] screen.

4-5-1 [MODEM Setting] Confirmation

Step 1. Click [MODEM Setting] in [MENU LIST], then following screen is displayed.

(Click [MODEM Setting] in [MENU LIST] again or click [Refresh] button to renew [MODEM Setting] again.)

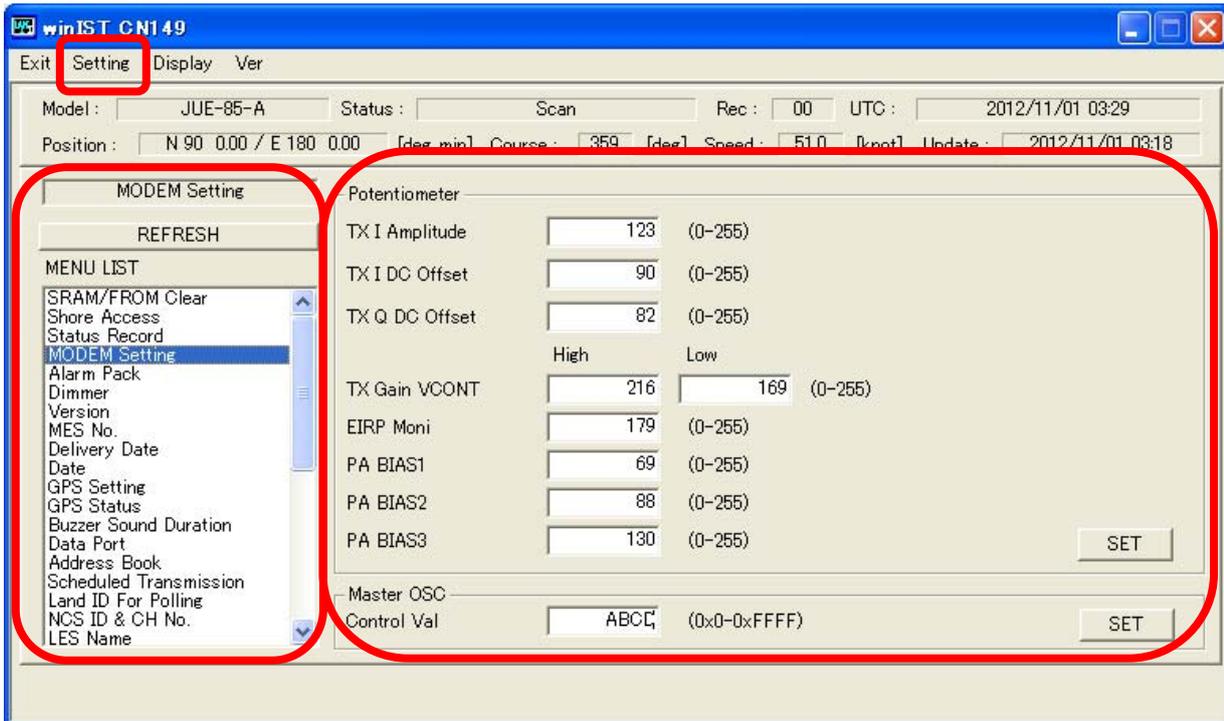


Fig. 4-5-1 [MODEM Setting] screen

Step 2. Confirm the data of [MODEM Setting] on above screen.

- TX I Amplitude
- TX I DC Offset
- TX Q DC Offset
- TX Gain VCONT High
- TX Gain VCONT Low
- EIRP Moni
- PA BIAS1
- PA BIAS2
- PA BIAS3
- Master OSC Control Val

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-5-1 [MODEM Setting] screen** cannot be operated).

4-5-2 [MODEM Setting] Setting

Step 1. Click [MODEM Setting] in [MENU LIST], then Setting screen is displayed.

MODEM Potentiometer

Step 2. Input to [TX I Amplitude] within the range of 0 to 255.

Step 3. Input to [TX I DC Offset] within the range of 0 to 255.

Step 4. Input to [TX Q DC Offset] within the range of 0 to 255.

Step 5. Input to [TX Gain VCONT High] within the range of 0 to 255.

Step 6. Input to [TX Gain VCONT Low] within the range of 0 to 255.

Step 7. Input to [EIRP Moni] within the range of 0 to 255.

Step 8. Input to [PA BIAS1] within the range of 0 to 255.

Step 9. Input to [PA BIAS2] within the range of 0 to 255.

Step 10. Input to [PA BIAS3] within the range of 0 to 255.

Step 11. Click [SET] button.

Master OSC

Step 2. Input to [Master OSC Control Val] within the range of 0x0 to 0xFFFF.

Step 3. Click [SET] button.

NOTE

1. Data cannot be set when data reception is failed.
2. Following dialogue box is displayed after [SET] button is clicked, when entered data is incorrect. Correct the data with referring response.



Fig. 4-5-2a [TX I Amplitude] data setting error dialogue box

Response: Set [TX I Amplitude] within the range of 0 to 255.



Fig. 4-5-2b [TX I DC Offset] data setting Error dialogue box

Response: Set [TX I DC Offset] within the range of 0 to 255.



Fig. 4-5-2c [TX Q DC Offset] data setting Error dialogue box

Response: Set [TX Q DC Offset] within the range of 0 to 255.

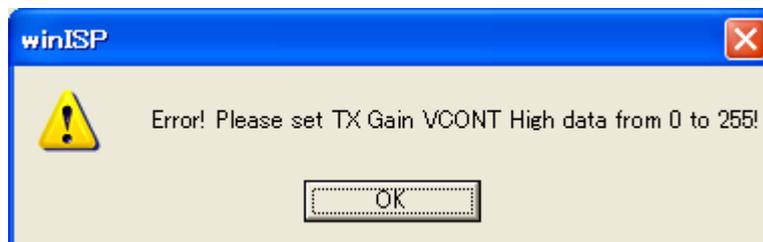


Fig. 4-5-2d [TX Gain VCONF High] data setting Error dialogue box

Response: Set [TX Gain VCONF High] within the range of 0 to 255.

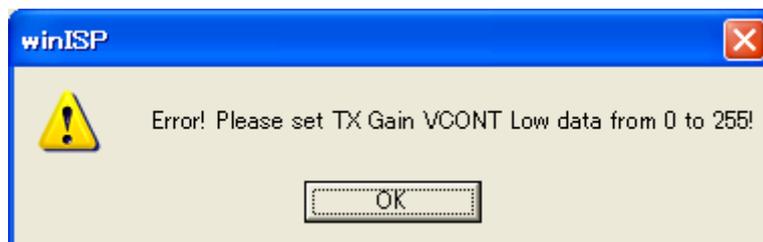


Fig. 4-5-2e [TX Gain VCONF Low] data setting Error dialogue box

Response: Set [TX Gain VCONF Low] within the range of 0 to 255.



Fig. 4-5-2f [EIRP Moni] data setting Error dialogue box

Response: Set [EIRP Moni] within the range of 0 to 255.



Fig. 4-5-2g [PA BIAS1] data setting Error dialogue box

Response: Set [PA BIAS1] within the range of 0 to 255.

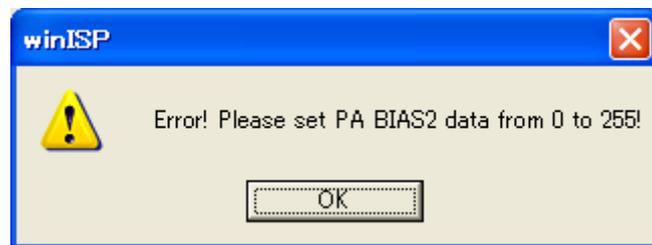


Fig. 4-5-2h [PA BIAS2] data setting Error dialogue box

Response: Set [PA BIAS2] within the range of 0 to 255.

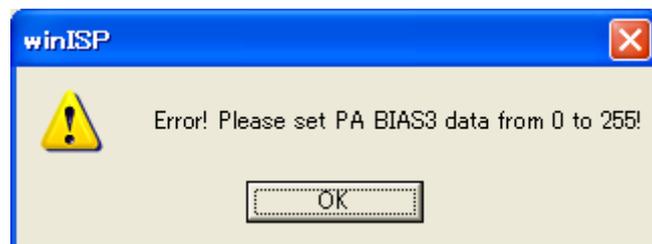


Fig. 4-5-2i [PA BIAS3] data setting Error dialogue box

Response: Set [PA BIAS3] within the range of 0 to 255.



Fig. 4-5-2j [Master OSC Control Val] data setting Error dialog box

Response: Set [Master OSC Control Val] within the range of 0x0 to 0xFFFF.

3. Following dialogue box is displayed when input data is incorrect after [SET] button is clicked.



Fig. 4-5-2k Data setting failure dialog box

In this case, carry out following procedures, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4. Operation except [Exit], [Display], and/or [Ver] is not possible while winISP is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-5-1 [MODEM Setting] screen** cannot be operated).

4-6 [Alarm Pack] Confirmation

In [Alarm Pack] screen, the status information of INMARSAT terminal created when alarm is raised, and information of [Alarm Pack] can be referred and recorded in a file.

Data recorded in the file can be read out and you can refer it.

NOTICE

An [Alarm Pack] screen changes with Model of connected EME.

Please refer to explanation of connected Model.

4-6-1 [Alarm Pack] Confirmation

*** When having connected JUE-85-A/JUE-95SA-A/JUE-95VM-A/JUE-95LT-A**

Step 1. Click [Alarm Pack] in [MENU LIST], then following screen is displayed.

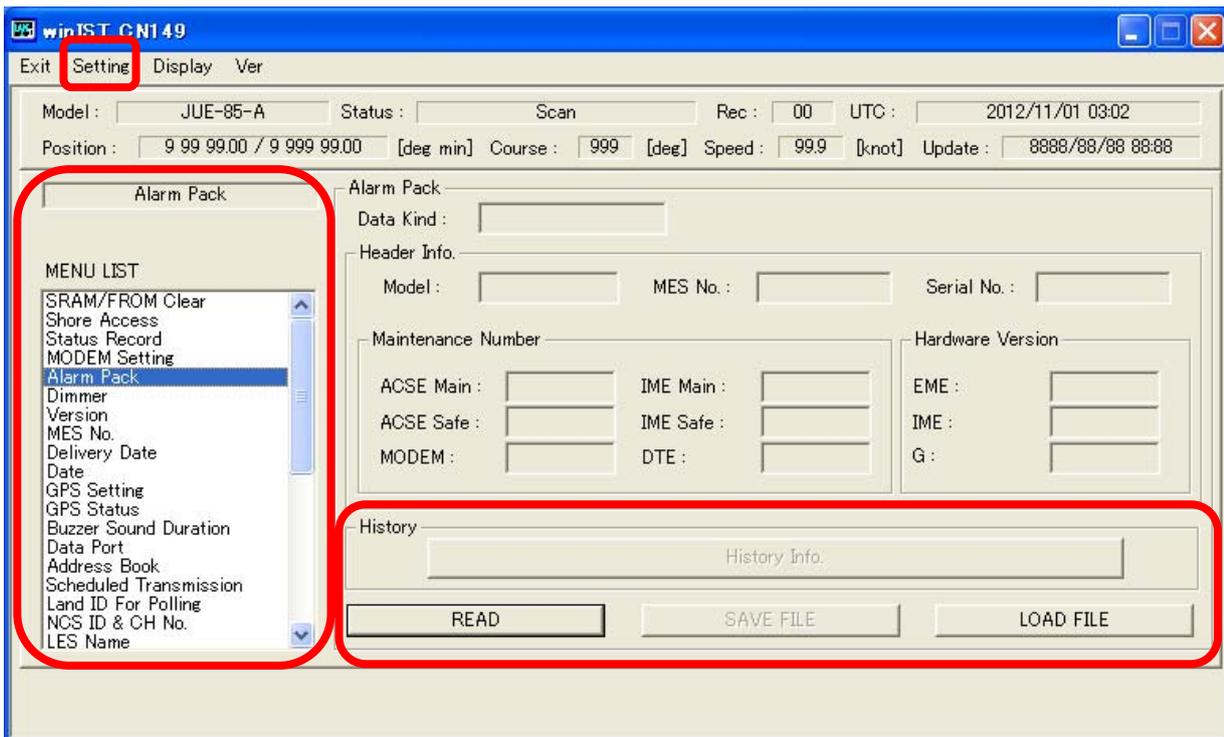


Fig. 4-6-1a [Alarm pack] screen(JUE-85/95-A)

Step 2. Click [READ] button to read out [Alarm Pack] from INMARSAT terminal.

Step 3. Following screen is displayed when the data reception is succeeded.

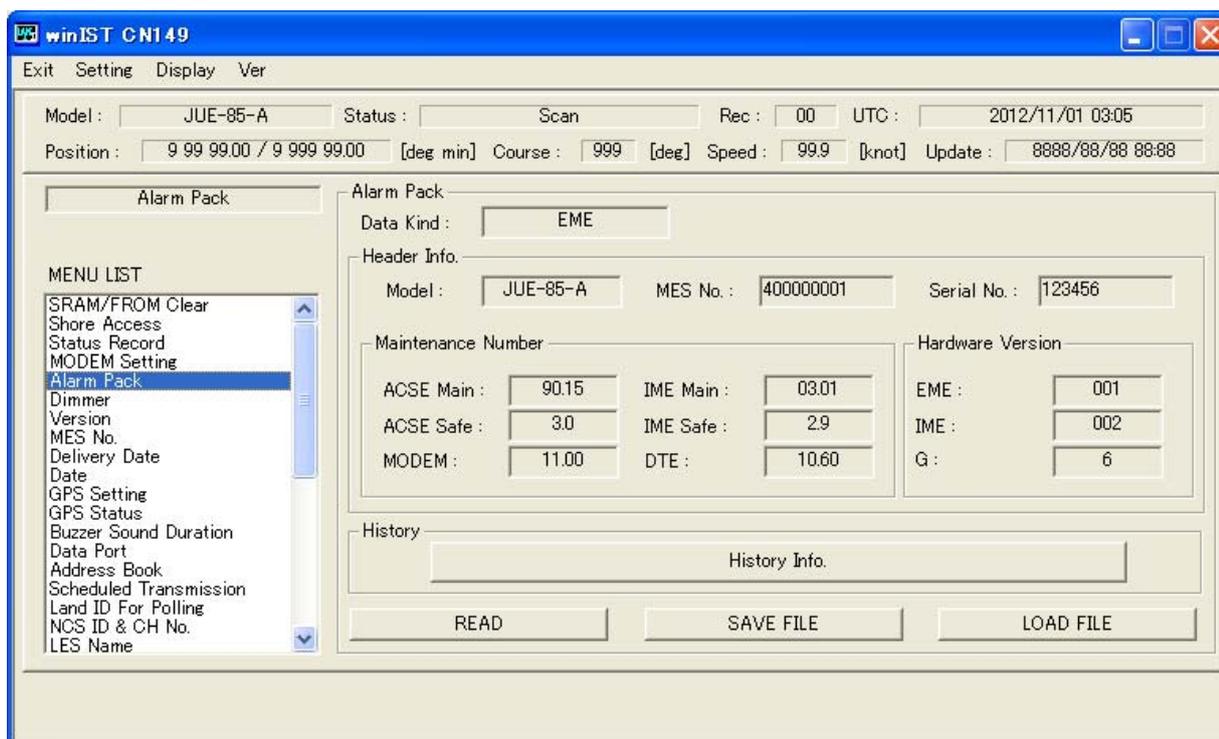


Fig 4-6-1b [Alarm Pack] data acquisition succeeded screen(JUE-85/95-A)

Confirm following points at this screen.

- EME is displayed in [Data kind] column.
- Data of [Header Info.] column is displayed.
- Clicking [History Info.] button and [SAVE FILE] button is possible to click.

Reception of [Alarm Pack] is failed when the above-outlined points are not filled.

Step 4. Confirm following data on above screen.

- Model
- MES No.
- Serial No.
- ACSE Main (ACSE Main Software Version)
- ACSE Safe (ACSE Safe Software Version)
- MODEM (MODEM Software Version)
- IME Main (IME Main Software Version)
- IME Safe (IME Safe Software Version)
- DTE (DTE Software Version)
- EME (EME Hardware Version)
- IME (IME Hardware Version)
- G (GPS Version)

Step 5. Following screen is displayed when [History Info] button is clicked on the screen of Fig. 4-6-1b. Confirm the data

■ [Alarm Pack] History displayed from the latest one (displays maximum 10 cases.)

History Info.											
Item	Recent	1	2	3	4	5	6	7	8	9	10
Date [MM/DD]	12/31	10/20	09/19	08/18	07/17	06/16	05/15	04/14	03/13	02/12	01/11
Time [HH:MM:SS]	23:59:59	10:20:30	09:19:29	08:18:28	07:17:27	06:16:26	05:15:25	04:14:24	03:13:23	02:12:22	01:11:21
Latitude		N89 59									
Longitude		E179 59									
Item	Recent	1	2	3	4	5	6	7	8	9	10
MES Status	Logout										
TDM CH Type	NotSync	NCS	NotSync	7	6	5	StbyNCS	Joint	LES	NCS	NotSync
TDM CH ID	000	010	009	008	007	006	005	004	003	002	001
RX CH	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
TX CH	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
ERP	20	20	20	20	20	20	20	20	20	20	20
AGC VAL h	FF										
CNO h	FFFF										
IQ Balance	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Master OSC VAL	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
ATC Detect Power	238	238	238	238	238	238	238	238	238	238	238
TX I Amplitude	255										
TX I DC Offset	255										
TX Q DC Offset	255										
TX Gain VCONT	255										
ERP Mod	255										
PA BIAS1	255										
PA BIAS2	255										
PA BIAS3	255										
<ALM>EMEM ROM											X
<ALM>EMEM RAM										X	
<ALM>EEP									X		
<ALM>EEP Fatal								X			
<ALM>EXT UART							X				
<ALM>DCE COM						X					
<ALM>INT GPS					X						
<ALM>EXT GPS				X							
<ALM>PLL1 Unlock			X								
<ALM>PLL2 Unlock		X									
<ALM>MDM SW											
<ALM>MDM HW											
<ALM>DB											
<ALM>SB											
<ST>Ready											ON
<ST>SYNC										ON	
<ST>Carrier									ON		
<ST>Login								ON			
<ST>EGC Mode							ON				
<ST>Preheat						ON					
<ST>DB			3	2	1						
<ST>SB		1									
SIGCH CTR SP h	1000	1000	9000	8000	7000	6000	5000	4000	3000	2000	1000
MSGCH CTR SP h	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PROC CTR SP h	FFFF										
ECOM SCS [%]	255	170	153	136	119	102	85	68	51	34	17
ECOM ERR [times]	255	255	255	255	255	255	255	255	255	255	255
<ER>EACK Timeout	Error										
<ER>EChecksum											
<ER>ECMD Len											
<ER>EPARAM											
<ER>ETX STK OVF											
<ER>ERX STK OVF											
ICOM SCS [%]	255	170	153	136	119	102	85	68	51	34	17
ICOM ERR [times]	255	255	255	255	255	255	255	255	255	255	255
<ER>IACK Timeout	Error		Error								
<ER>IChecksum											
<ER>ICMD Len					Error	Error	Error	Error			
<ER>IPARAM			Error	Error							
<ER>ITX STK OVF		Error									
<ER>IRX STK OVF											
LES ID	FFF	110	109	108	107	106	105	104	103	102	101
Preferred OR	AORW										
GPS Setting	0183	0183	0183	0183	0183	0183	0183	0183	0183	0183	0183
Data Port 1	DTE										
Data Port 2	NONE										
Data Port 3	NONE										

Fig. 4-6-1c [Alarm Pack] History screen(JUE-85/95-A)

*** When having connected JUE-85/JUE-95SA/JUE-95VM/JUE-95LT**

Step 1. Click [Alarm Pack] in [MENU LIST] , then following screen is displayed.

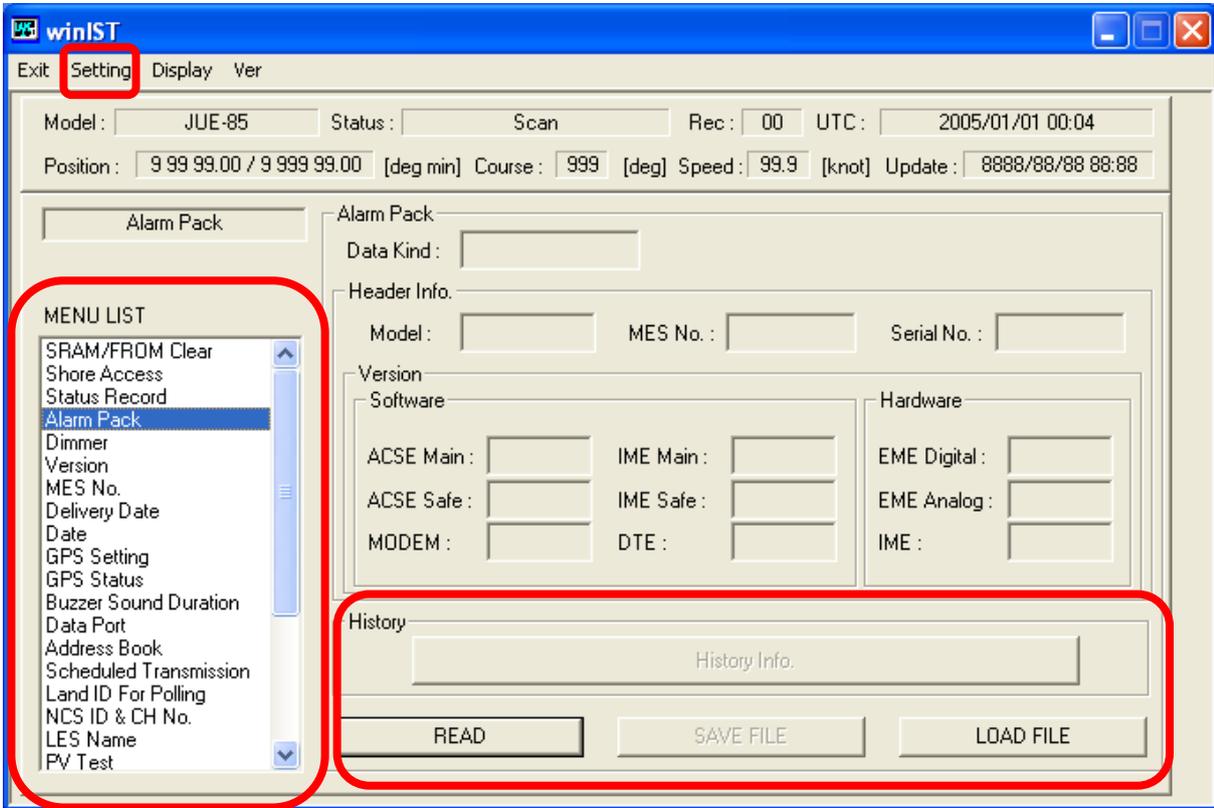


Fig. 4-6-1d [Alarm pack] screen(JUE-85/95)

Step 2. Click [READ] button to read out [Alarm Pack] from INMARSAT terminal.

Step 3. Following screen is displayed when the data reception is succeeded.

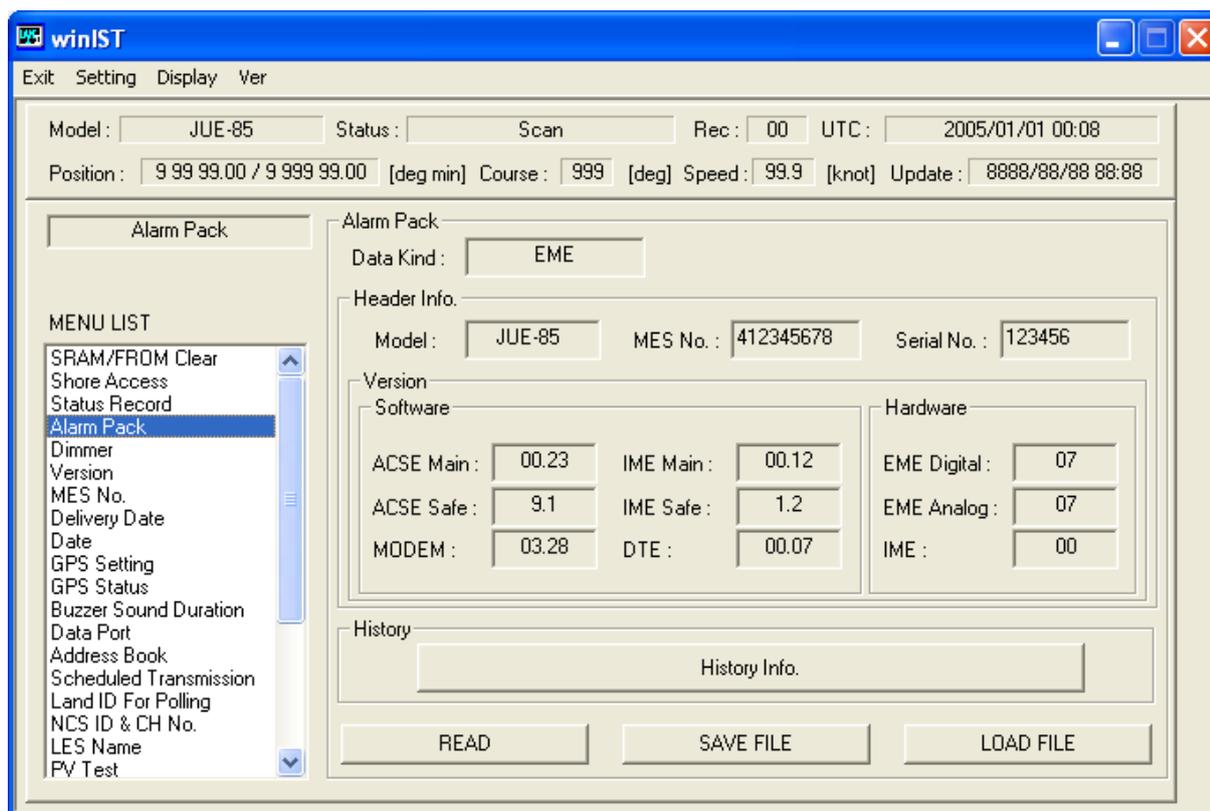


Fig 4-6-1e [Alarm Pack] data acquisition succeeded screen(JUE-85/95)

Confirm following points at this screen.

- EME is displayed in [Data kind] column.
- Data of [Header Info.] column is displayed.
- Clicking [History Info.] button and [SAVE FILE] button is possible to click.

Reception of [Alarm Pack] is failed when the above-outlined points are not filled.

Step 4. Confirm following data on above screen.

- Model
- MES No.
- Serial No.
- ACSE Main (ACSE Main Software Version)
- ACSE Safe (ACSE Safe Software Version)
- MODEM (MODEM Software Version)
- IME Main (IME Main Software Version)
- IME Safe (IME Safe Software Version)
- DTE (DTE Software Version)
- EME Digital (EME Digital Hardware Version)
- EME Analog (EME Analog Hardware Version)
- IME (IME Hardware Version)

Step 5. Following screen is displayed when [History Info] button is clicked on the screen of Fig. 4-6-1e. Confirm the data

■ [Alarm Pack] History displayed from the latest one (displays maximum 10 cases.)

History Info.											
Item	Recent	1	2	3	4	5	6	7	8	9	10
Date [MM/DD]	12/31	12/31	12/31	12/31	12/31	12/31	12/31	12/31	12/31	12/31	12/31
Time [HH:MM:SS]	23:59:59	23:59:59	23:59:59	23:59:59	23:59:59	23:59:59	23:59:59	23:59:59	23:59:59	23:59:59	23:59:59
Latitude	S99 59										
Longitude	W179 59										
Item	Recent	1	2	3	4	5	6	7	8	9	10
MES Status	Logout	NoRDY	Ready	EXC	TX	Queue	PVTest	EGC	Scan	Tune	Logout
TDM CH Type	NCS	LES	Joint	SbyNCS	NCS	LES	Joint	SbyNCS	NCS	LES	Joint
TDM CH ID	144	144	144	144	144	144	144	144	144	144	144
RX CH	0	0	0	0	0	0	0	0	0	0	0
TX CH	0	0	0	0	0	0	0	0	0	0	0
EIRP	99	99	99	99	99	99	99	99	99	99	99
AGC VAL h	FF										
CAN0 h	FFFF										
IQ Balance	-32767	+32767	-1	-1	-1	-1	-1	-1	-1	-1	-1
Master OSC VAL	-32767	+32767	-1	-1	-1	-1	-1	-1	-1	-1	-1
Frequency Offset	-32767	+32767	-1	-1	-1	-1	-1	-1	-1	-1	-1
<ALM>EME ROM	X	X	X	X	X	X	X	X	X	X	X
<ALM>EME RAM	X	X	X	X	X	X	X	X	X	X	X
<ALM>ECP	X	X	X	X	X	X	X	X	X	X	X
<ALM>ECP Fatal	X	X	X	X	X	X	X	X	X	X	X
<ALM>EXT URAT	X	X	X	X	X	X	X	X	X	X	X
<ALM>DCE COM	X	X	X	X	X	X	X	X	X	X	X
<ALM>INT GPS	X	X	X	X	X	X	X	X	X	X	X
<ALM>EXT GPS	X	X	X	X	X	X	X	X	X	X	X
<ALM>TX Duration	X	X	X	X	X	X	X	X	X	X	X
<ALM>PLL1 Unlock	X	X	X	X	X	X	X	X	X	X	X
<ALM>PLL2 Unlock	X	X	X	X	X	X	X	X	X	X	X
<ALM>MDM SW	X	X	X	X	X	X	X	X	X	X	X
<ALM>MDM HW	X	X	X	X	X	X	X	X	X	X	X
<ALM>DB	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
<ALM>SB	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
<ALM>Battery	X	X	X	X	X	X	X	X	X	X	X
<ST>Ready	ON										
<ST>SYNC	ON										
<ST>Carrier	ON										
<ST>Login	ON										
<ST>EGC Mode	ON										
<ST>MDM Ready	ON										
<ST>MDM CAL	ON										
<ST>Preheat	ON										
<ST>DB	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
<ST>SB	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
<ST>Battery	Low	Low	OK								
SIGCH CTR SP h	FFFF										
MSGCH CTR SP h	FFFF										
PROC CTR SP h	FFFF										
ECOM SCS [%]	100	100	100	100	100	100	100	100	100	100	100
ECOM ERR [times]	255	255	0	0	0	0	0	0	0	0	0
<ER>EACK Timeout	Error										
<ER>EChecksum	Error	Error									
<ER>ECMD Len	Error	Error									
<ER>EPARAM	Error	Error									
<ER>ETX STK OVF	Error	Error									
<ER>ERX STK OVF	Error	Error									
ICOM SCS [%]	100	100	100	100	100	100	100	100	100	100	100
ICOM ERR [times]	255	255	0	0	0	0	0	0	0	0	0
<ER>IACK Timeout	Error	Error									
<ER>IChecksum	Error	Error									
<ER>ICMD Len	Error	Error									
<ER>IPARAM	Error	Error									
<ER>ITX STK OVF	Error	Error									
<ER>IRX STK OVF	Error										
LES ID	255	255	255	255	255	255	255	255	255	255	255
Preferred OR	AORW	AORE	POR	IOR	AIOR	AORW	AORE	POR	IOR	AIOR	AORW
GPS Setting	Manual	0183	JRC	0182	Internal	Debug	Manual	0183	JRC	0182	Internal
Data Port 1	NONE	DTE	DS	AIS	Ehernet	Debug	NONE	DTE	DS	AIS	Ehernet
Data Port 2	Debug	NONE	DTE	DS	AIS	Ehernet	Debug	NONE	DTE	DS	AIS
Data Port 3	Ehernet	Debug	NONE	DTE	DS	AIS	Ehernet	Debug	NONE	DTE	DS

Fig. 4-6-1f [Alarm Pack] History screen(JUE-85/95)

*To save the data of [Alarm Pack] to a file:

- i. Click [SAVE FILE] button on the screen of [Alarm Pack] data acquisition succeeded screen after data of [Alarm Pack] is received.
- ii. Following window is displayed, then select the destination and file name, then click [OK].

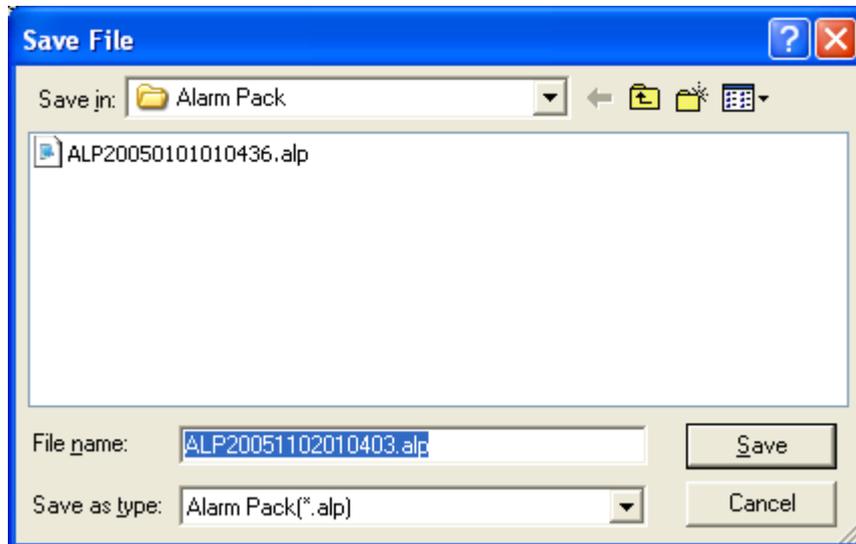


Fig. 4-6-1g Save File window

NOTE

1. Empty column is displayed when winIST failed to receive the data.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **[Alarm pack screen]** cannot be operated).

4-6-2 Data confirmation of [Alarm Pack] file

Click [LOAD FILE] button on the screen of [Alarm Pack].

Step 1. Select the file you want to read out when following dialogue window is displayed, then click [OK] button (only the file with extension [.alp] is possible to load).

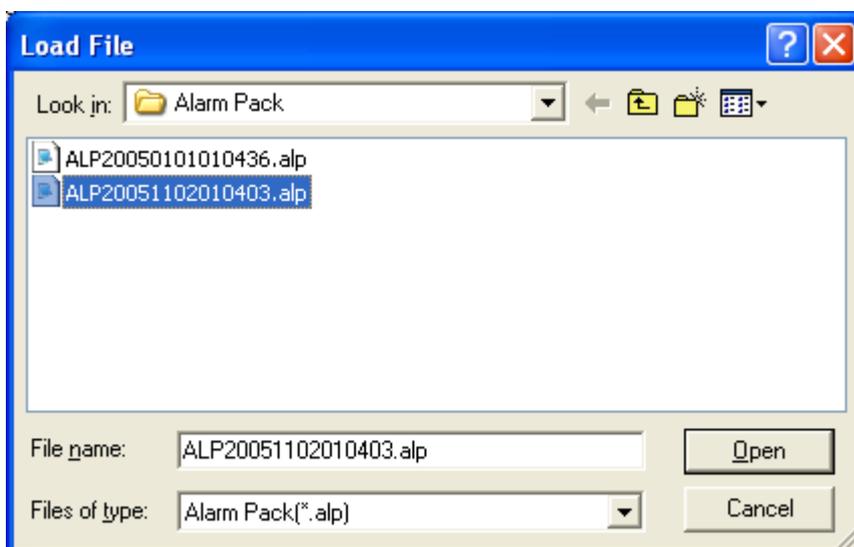


Fig. 4-6-2a [Load File] window

Step 2. Displayed data of [Alarm Pack] is updated. Column of [Data Kind] is changed to [FILE].

*** When having connected JUE-85-A/JUE-95SA-A/JUE-95VM-A/JUE-95LTA**

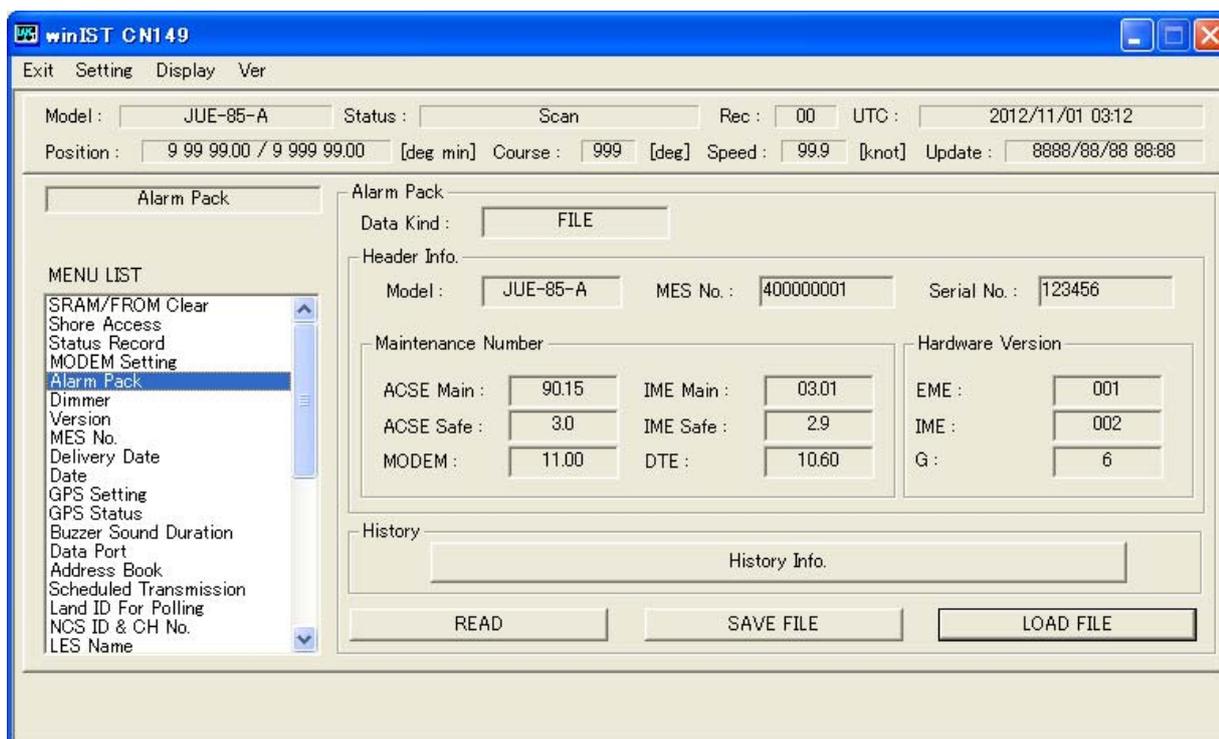


Fig. 4-6-2b [Alarm Pack] data acquisition succeeded screen(JUE-85/95-A)

* When having connected JUE-85/JUE-95SA/JUE-95VM/JUE-95LT

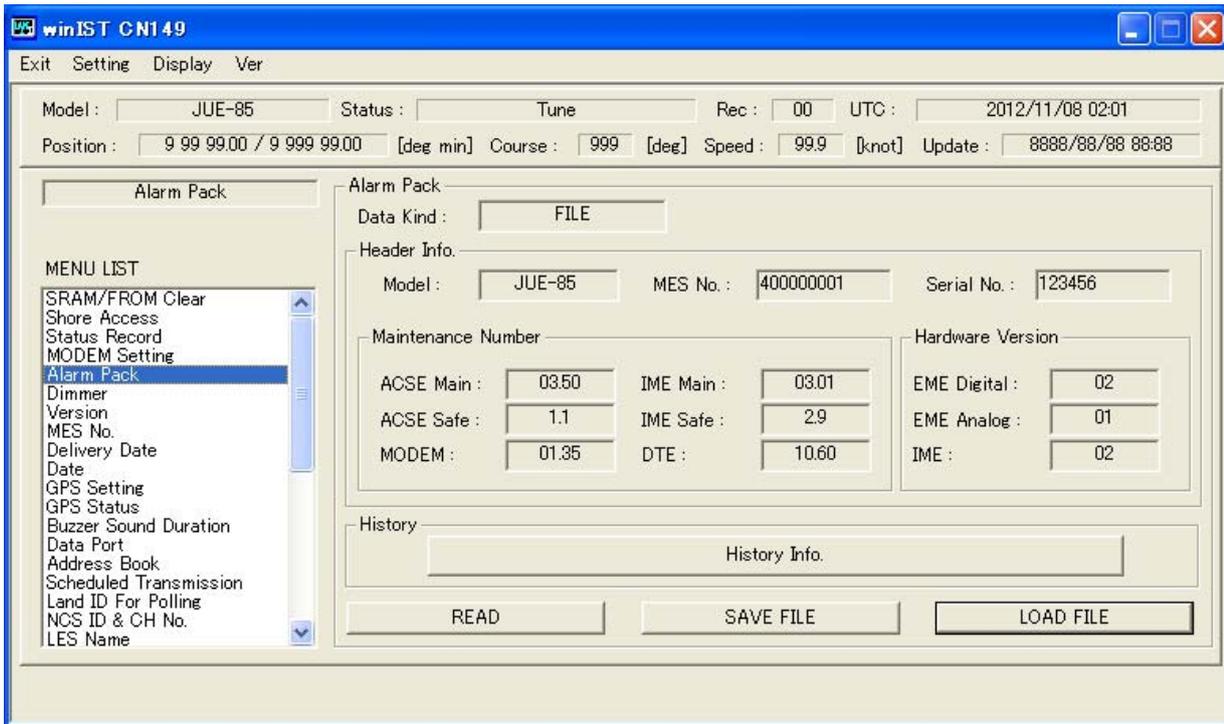


Fig. 4-6-2c [Alarm Pack] data acquisition succeeded screen(JUE-85/95)

NOTE

1. Following error window is displayed when the file without extension [.alp] is read out.



Fig. 4-6-2d [Alarm Pack] file extension error dialogue box

2. Following error window is displayed when the illegal file of [Alarm Pack] is read out.



Fig. 4-6-2e [Alarm Pack] file data error dialogue box

4-7 [Dimmer] Setting

Brightness of LEDs on INMARSAT terminal can be adjusted in Dimmer screen.

Step 1. Click [Dimmer] in [MENU LIST], then following screen is displayed.

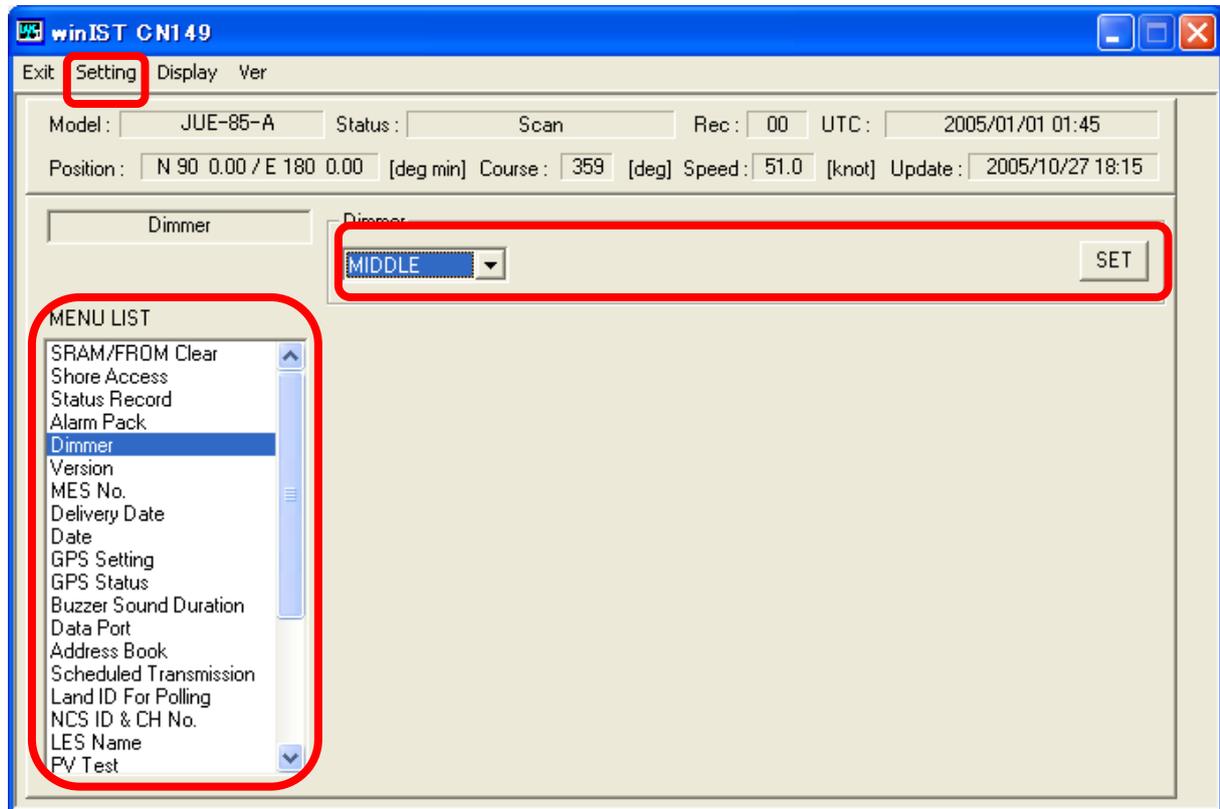


Fig. 4-7a Dimmer setting screen

Step 2. Select the Dimmer grade (brightness of LEDs of IME) from following 4 choices.

- OFF
- LOW
- MIDDLE
- HIGH

Step 3. Click [SET] button.

NOTE

1. Following dialogue box is displayed when data writing to INMARSAT terminal is failed, after the [SET] button is clicked.



Fig 4-7b Failed data setting dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by the lightning of POWER-LED of IME.
2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-7a [Dimmer] setting screen** cannot be operated).

4-8 [Version] Confirmation

The version of Hardware/Software of INMARSAT terminal can be referred on [Version] screen.

NOTICE

An [Version] screen changes with Model of connected EME.
Please refer to explanation of connected Model.

* When having connected JUE-85-A/JUE-95SA-A/JUE-95VM-A/JUE-95LT-A

Step 1. Click [Version] in [MENU LIST] , then following screen is displayed.

(Click [Version] in [MENU LIST] again or press [Refresh] button when you want to renew [Version] data again.)

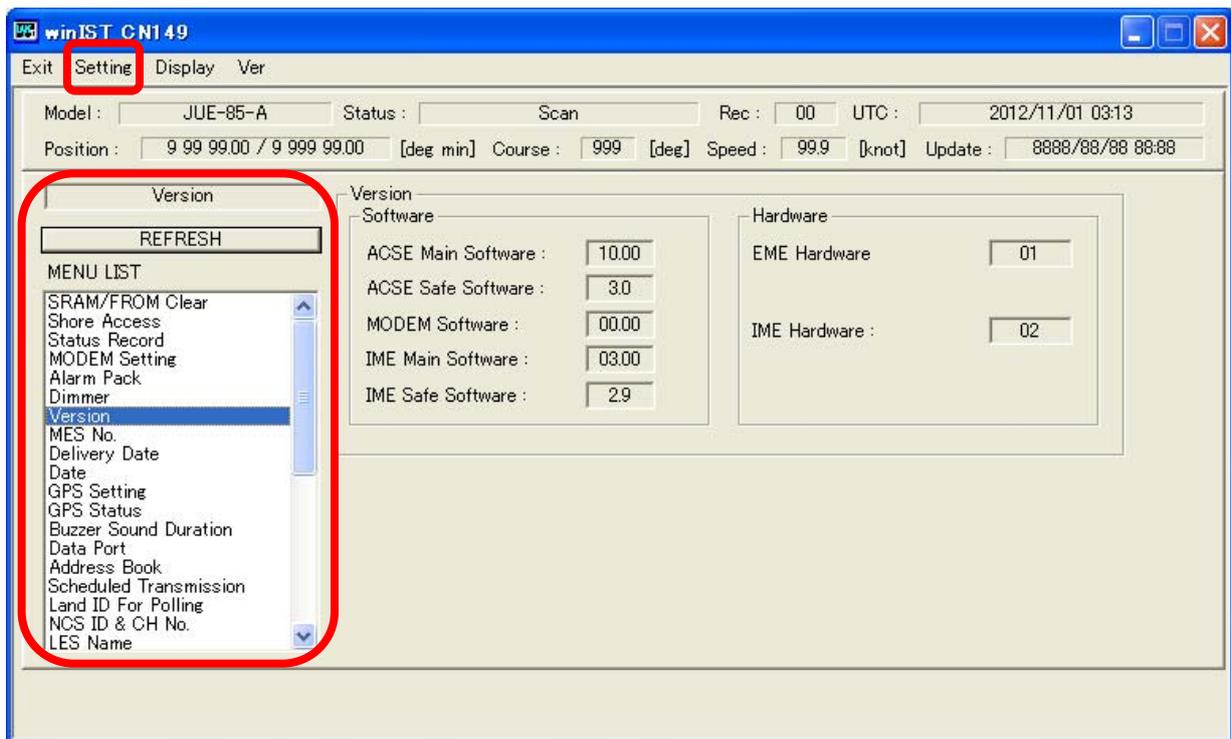


Fig. 4-8a [Version] Confirmation screen(JUE-85/95-A)

Step 2. Confirm following data on above screen.

■ Hardware Version

- ACSE Main Software (4-digit form)
- ACSE Safe Software (2-digit form)
- MODEM Software (4-digit form)
- IME Main Software (4-digit form)
- IME Safe Software (2-digit form)

■ Software Version

- EME Hardware (2-digit form)
- IME Hardware (2-digit form)

*** When having connected JUE-85/JUE-95SA/JUE-95VM/JUE-95LT**

Step 1. Click [Version] in [MENU LIST] , then following screen is displayed.

(Click [Version] in [MENU LIST] again or press [Refresh] button when you want to renew [Version] data again.)

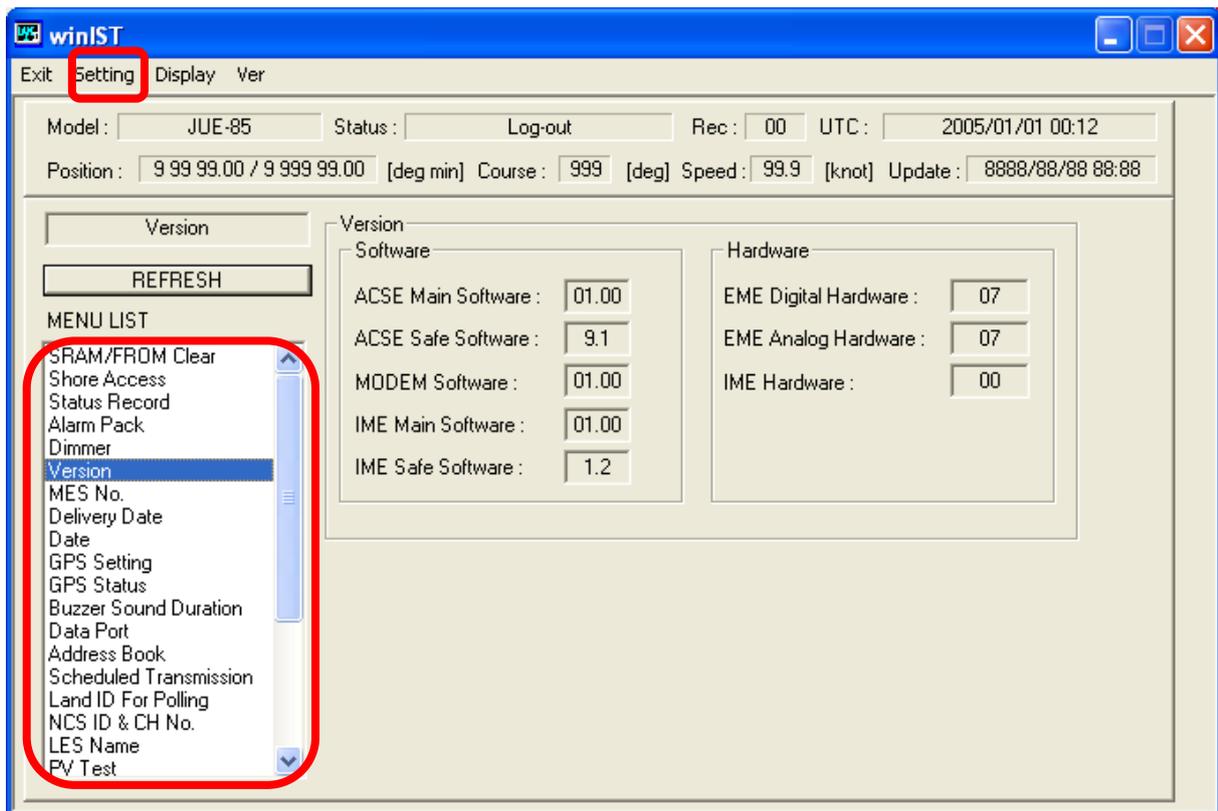


Fig. 4-8b [Version] Confirmation screen(JUE-85/95)

Step 2. Confirm following data on above screen.

■ Hardware Version

- ACSE Main Software (4-digit form)
- ACSE Safe Software (2-digit form)
- MODEM Software (4-digit form)
- IME Main Software (4-digit form)
- IME Safe Software (2-digit form)

■ Software Version

- EME Digital Hardware (2-digit form)
- EME Analog Hardware (2-digit form)
- IME Hardware (2-digit form)

NOTE

1. Each column is displayed empty when winIST failed to receive the data.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by the lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **[Version]Confirmation screen** cannot be operated.)

4-9 [MES No.] Confirmation / Setting

4-9-1 [MES No.] Confirmation

MES No. can be confirmed and set in [MES No.] screen.

Step 1. Click [MES No.] in [MENU LIST], then following screen is displayed.

(Click [MES No.] in [MENU LIST] again or click [Refresh] button to renew [MES No.] again.)

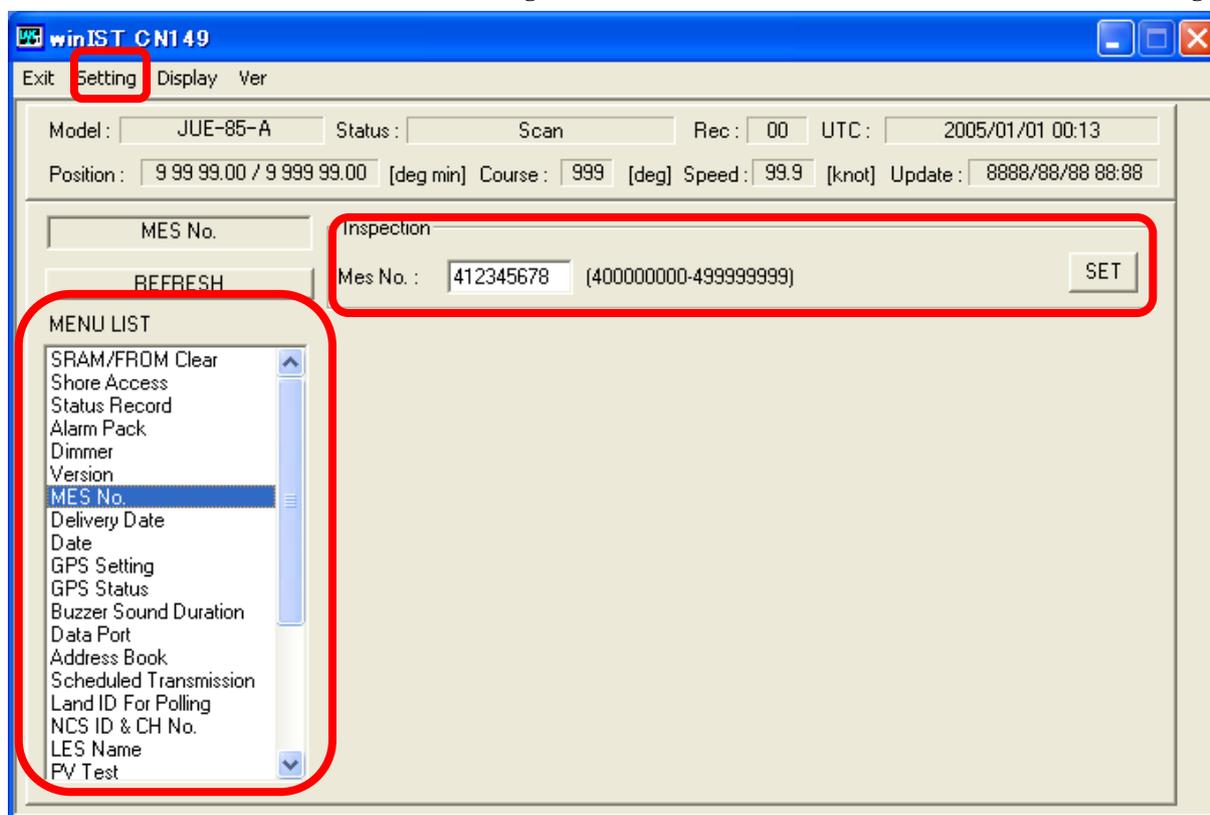


Fig. 4-9-1 [MES No.] screen

Step 2. Confirm the data of [MES No.] on above screen.

NOTE

1. Each column is displayed empty when winIST failed to receive the data.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of **Fig. 4-9-1 [MES No.] screen** cannot be operated.)

4-9-2 [MES No.] Setting

- Step 1. Click [MES No.] in [MENU LIST] then [MES No.] screen is displayed.
- Step 2. Input 9-digit figures to [MES No.] from the range of 400000000 to 499999999
- Step 3. Click [SET] button.

NOTE

1. The data cannot be set when data reception is failed.
2. Following dialogue box is displayed when input data is incorrect. Correct the data by referring Response.

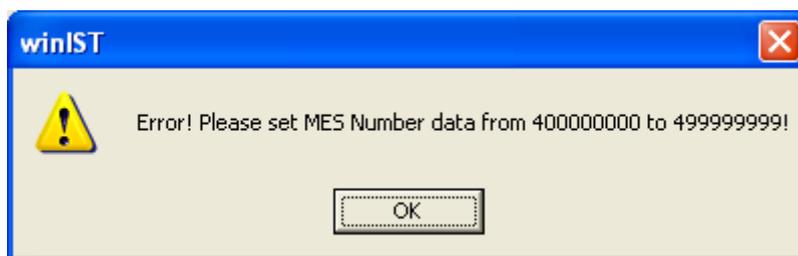


Fig. 4-9-2a [MES No.] setting Error dialogue box

Response: Reset the setting value of MES No. within the range of 400000000 to 499999999.

3. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-9-2b Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of **Fig. 4-9-1 [MES No.] screen** cannot be operated.)

4-10 [Delivery Date] Confirmation / Setting

Delivery date of INMARSAT terminal can be set and confirmed on [Delivery Date] Setting/Confirmation screen.

4-10-1 [Delivery Date] Confirmation

Step 1. Click [Delivery Date] in [MENU LIST], then following screen is displayed.

(Click [Delivery Date] again or click [Refresh] button to renew the data.)

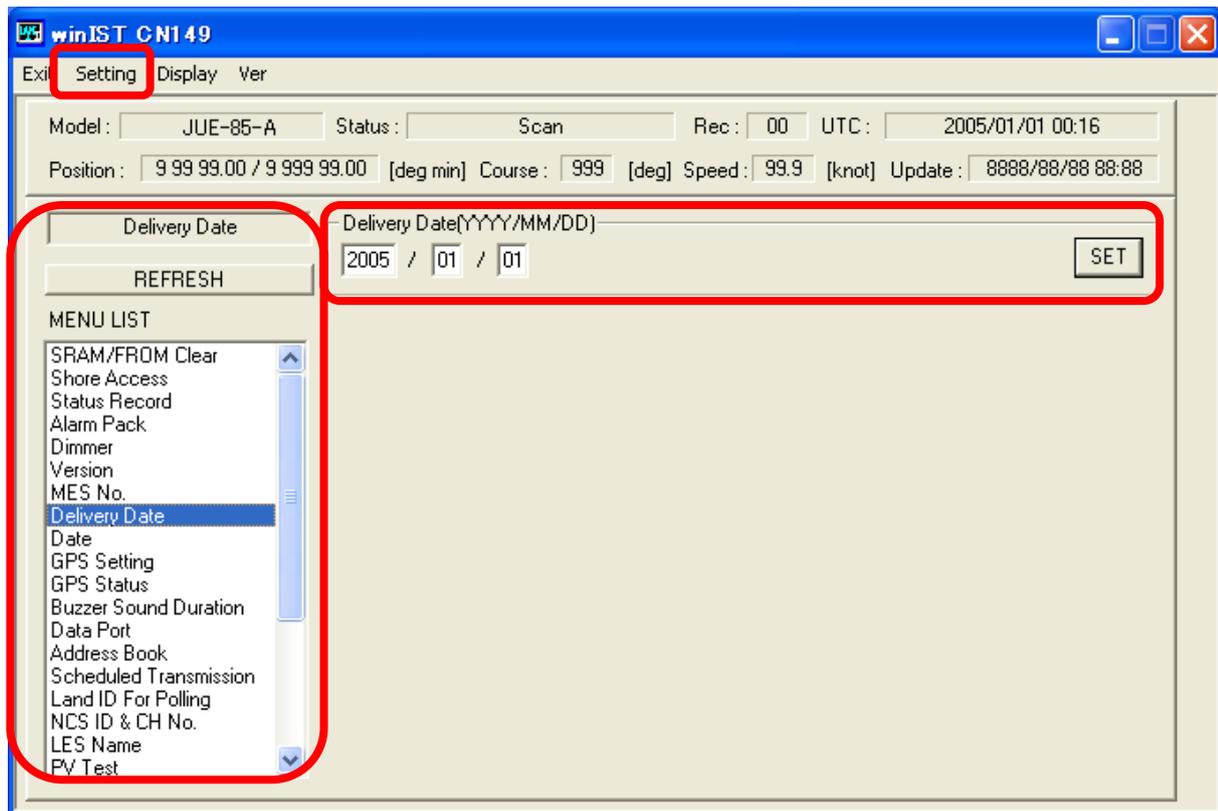


Fig.4-10-1a [Delivery Date] screen

Step 2. Confirm Delivery date in above Window.

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig.4-10-1a [Delivery Date] screen** cannot be operated).

4-10-2 [Delivery Date] Setting

- Step 1. Click [Delivery Date] in [MENU LIST], then [Delivery Date] screen is opened.
- Step 2. Input the delivery date into the box of [Delivery Date] within the range of 2000/01/01 to 2099/12/31.
- Step 3. Click [SET] button.

NOTE

1. Data cannot be set when data reception is failed.
2. After [SET] button is clicked, following dialogue box is displayed when input data is incorrect. Correct the data with referring Response.



Fig. 4-10-2a [Delivery Date] YEAR Data setting error dialogue box

Response : Set the Year(YYYY) of [Delivery Date] within the range of 2000 to 2099.



Fig. 4-10-2b [Delivery Date] Month date setting error dialogue box

Response : Set the Month(MM) of [Delivery Date] within the range of 1to 12.

NOTE



Fig. 4-10-2c [Delivery Date] Day data setting error dialogue box 1

Response : Set the Day of [Delivery Date] within the range of 1 to 31.



Fig. 4-10-2d [Delivery Date] Day data setting error dialogue box 2

Response: Set the Day of [Delivery Date] within the range of 1 to 30.



Fig. 4-10-2e [Delivery Date] Day data setting error dialogue box 3

Response: Set the Day of [Delivery Date] within the range of 1 to 29.



Fig. 4-10-2f [Delivery Date] Day data setting error dialogue box 4

Response: Set the Day of [Delivery Date] within the range of 1 to 28.

NOTE

3. After [SET] button is clicked, following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal.



Fig. 4-10-2g Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of **Fig.4-10-1a [Delivery Date] screen** cannot be operated.)

4-11 [Date] Confirmation / Setting

Data of date and time of INMARSAT terminal can be confirmed on [Date] screen.

4-11-1 [Date] Confirmation

Step 1. Click [Date] in [MENU LIST], then following screen is displayed.

(Click [Date] in [MENU LIST] again or click [Refresh] button to renew the data.)

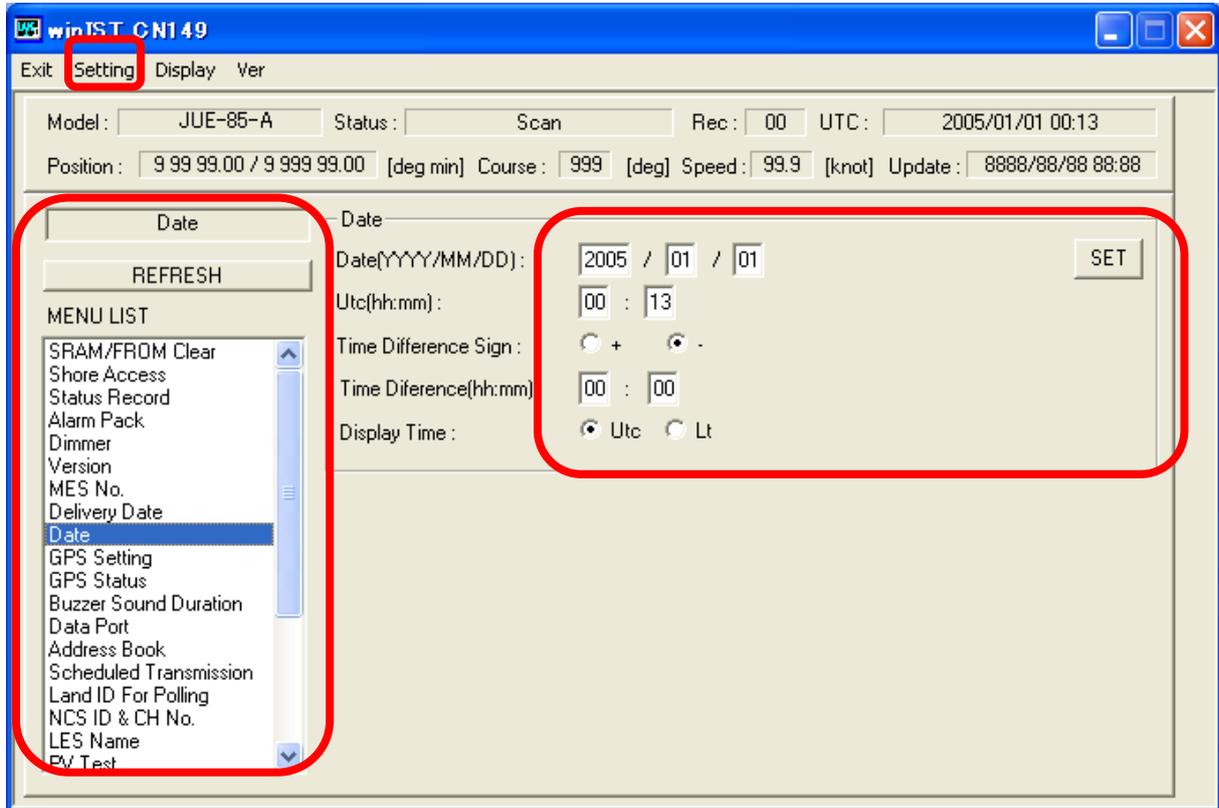


Fig. 4-11-1 [Date] screen

Confirm following data on above window:

- Date
- Utc(Universal time coordinated, hour and minute)
- Time difference sign
- Time difference
- Display Time
 - Utc
 - Lt(Local Time)

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-11-1 [Date] screen** cannot be operated).

4-11-2 [Date] Setting

Step 1. Click [Date] in [MENU LIST], then [Date] screen is opened.

Step 2. Input the date to [Utc] within the range of 2004/01/01 to 2099/01/01.

Step 3. Select time difference sign, from + or -.

Step 4. Input the time difference to [Time Difference] within the range of 0:00 to 23:59

Step 5. Select [Display Time] from Utc or Lt.

Step 6. Click [SET] button.

Step 7. [Date] setting is updated when setup is succeeded.

NOTE

1. Data cannot be set when data reception is failed.

2. Following dialogue box is displayed after [SET] button is clicked, when entered data is incorrect. Correct the data with referring response.

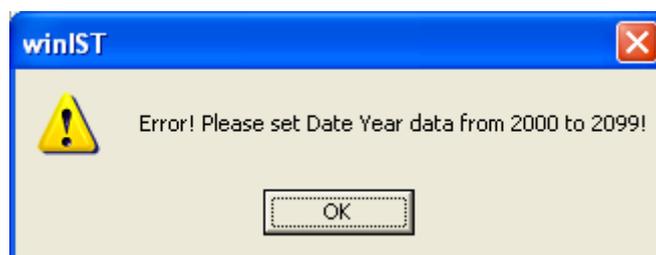


Fig. 4-11-2a [Date] Year data setting error dialogue box

Response: Set the Year(YYYY) of [Date] within the range of 2000 to 2099.

NOTE



Fig. 4-11-2b Date Month Data setting Error dialogue box

Response: Set Month (MM) of [Date] within the range of 1 to 12.



Fig.4-11-2c Date Day Data setting Error dialogue box 1

Response: Set the Day (DD) of [Date] within the range of 1 to 31.



Fig. 4-11-2d Date Day Data setting Error dialogue box 2

Response: Set the Day (DD) of [Date] within the range of 1 to 30.



Fig. 4-11-2e Date Day Data setting Error dialogue box 3

Response: Set the Day (DD) of [Date] within the range of 1 to 29.

NOTE



Fig. 4-11-2f Date Day Data setting Error dialog box 4

Response: Set the Day (DD) of [Date] within the range of 1 to 28.

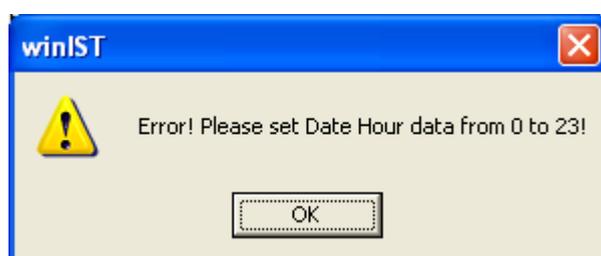


Fig. 4-11-2g Date Hour Data setting Error dialog box

Response: Set Utc (hh) of [Date] within the range of 1 to 23.



Fig. 4-11-2h Date Minute Data setting Error dialog box

Response: Set Utc(mm) of [Date] within the range of 0 to 59.



Fig. 4-11-2i Date Time difference Hour Data setting Error dialog box

Response: Set Time Difference (hh) of [Date] within the range of 0 to 23.

NOTE

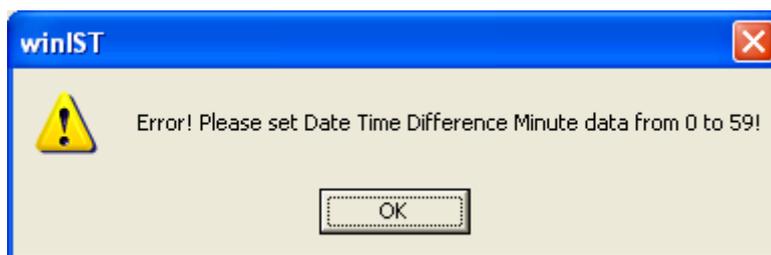


Fig. 4-11-2j Date Time difference Minute- Data setting error dialog box

Response: Set Time Difference (mm) of [Date] within the range of 0 to 59.

3. Following dialog box is displayed when input data is incorrect after [SET] button is clicked.

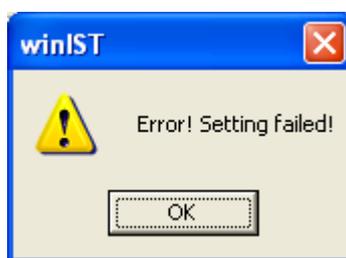


Fig. 4-11-2k Data setting failure dialog box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialog box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by the lightning of POWER-LED of IME.

4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-11-1 [Date] screen** cannot be operated).

4-12 [GPS Setting] Confirmation / Setting

Setting of the GPS which is being connected to INMARSAT terminal, and confirmation of the GPS connecting now, can be done in GPS setting screen.

4-12-1 [GPS Setting] Confirmation

Step 1. Click [GPS Setting] in [MENU LIST], then following screen is displayed.

(Click [GPS Setting] in [MENU LIST] again or click [Refresh] button to renew GPS Setting data again.)

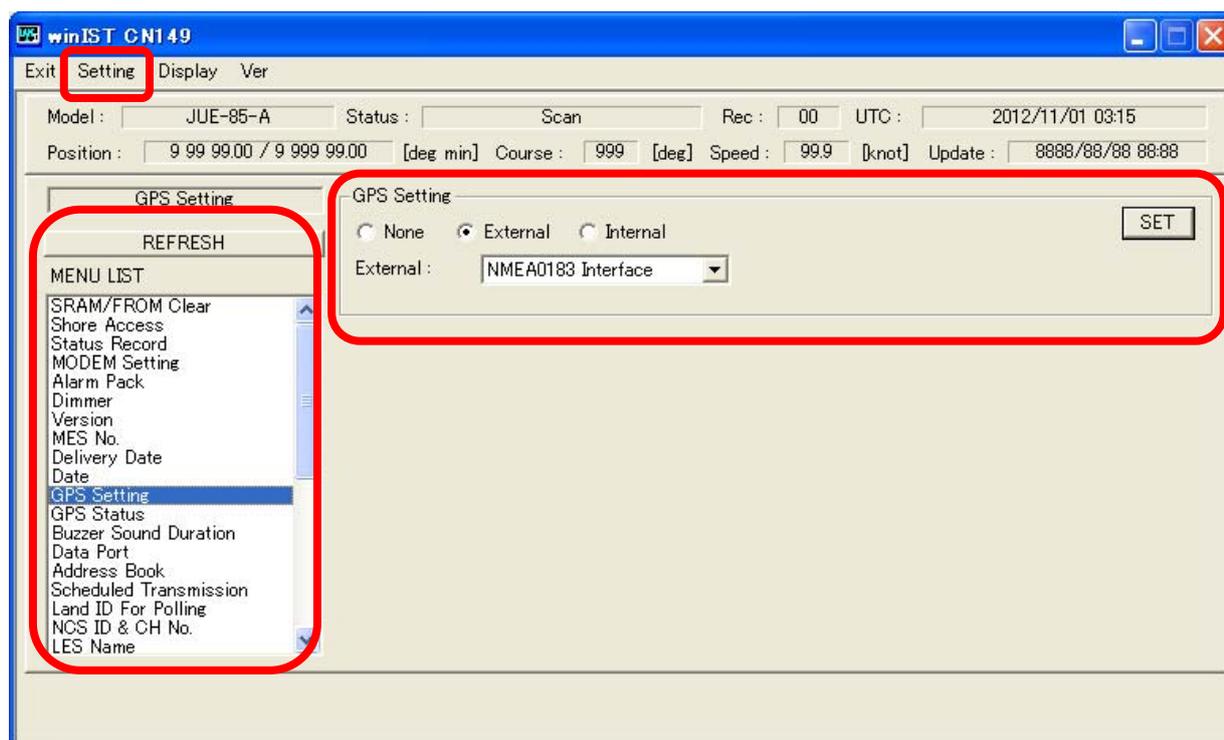


Fig. 4-12-1 [GPS Setting] screen

Confirm following points of [GPS Setting] on above window:

- None
- External
- Internal

Type of external GPS is displayed when [External] is ticked, as additional information:

- NMEA0183 interface (Auto mode)
- JRC interface (Auto mode)
- NMEA0182 interface (Auto mode)

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of **Fig. 4-12-1 [GPS Setting] screen** cannot be operated).

4-12-2 [GPS Setting] Setting(Available for GM/SSAS/LRIT model)

Step 1. Click [GPS Setting] in [MENU LIST], then [GPS Setting]screen is opened.

Step 2. Select [GPS Setting] from following 3 choices.

- None
- External
- Internal

Step 3. Select [GPS Setting] from following 3 choices, when [External] is selected (refer following figure):

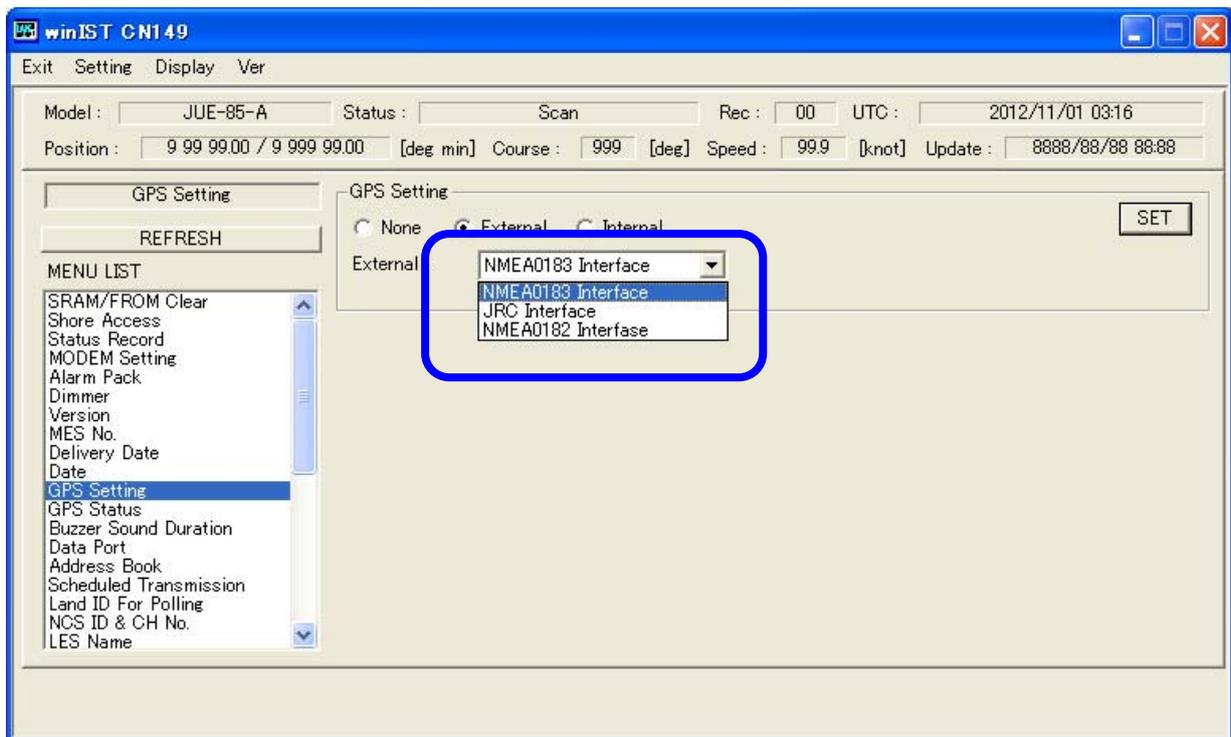


Fig. 4-12-2a GPS Selection screen

- NMEA0183 interface (Auto mode)
- JRC interface (Auto mode)
- NMEA0182 interface (Auto mode)

Step 4. Click [SET] button.

NOTE

1. [GPS Setting] cannot be set when terminal model is JUE-95VM.

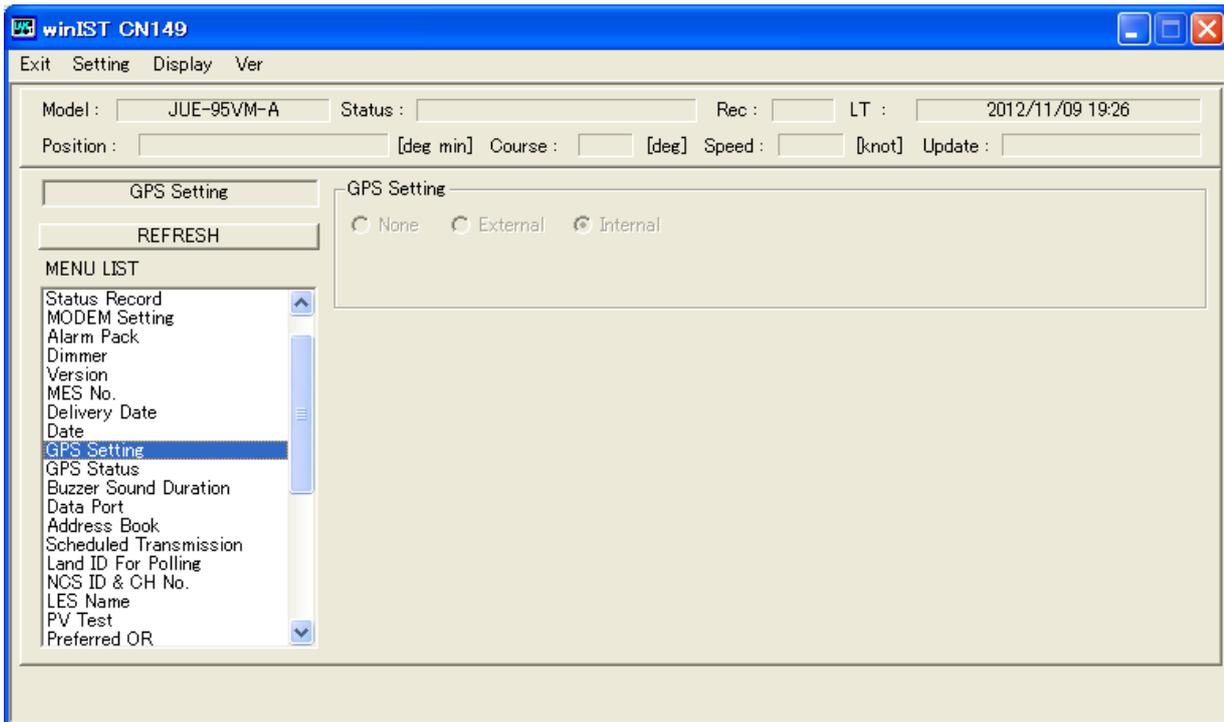


Fig. 4-12-2b [GPS Setting] screen when JUE-95VM model is connected

2. Data cannot be set when data reception is failed.
3. Following dialogue box is displayed after [SET] button is clicked when input data is incorrect.



Fig. 4-12-2c Data setting failure dialogue box

In this case, carry out following procedures, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-12-1 [GPS Setting] screen** cannot be operated).

4-13 [GPS Status] Confirmation / Setting

Present position information can be confirmed in [GPS Status] screen and also present position can be set in the screen.

4-13-1 [GPS Status] Confirmation

Step 1. Click [GPS Status] in [MENU LIST], then following screen is displayed.

(Click [GPS Status] in [MENU LIST] again or click [Refresh] button when you want to renew GPS Status data again).

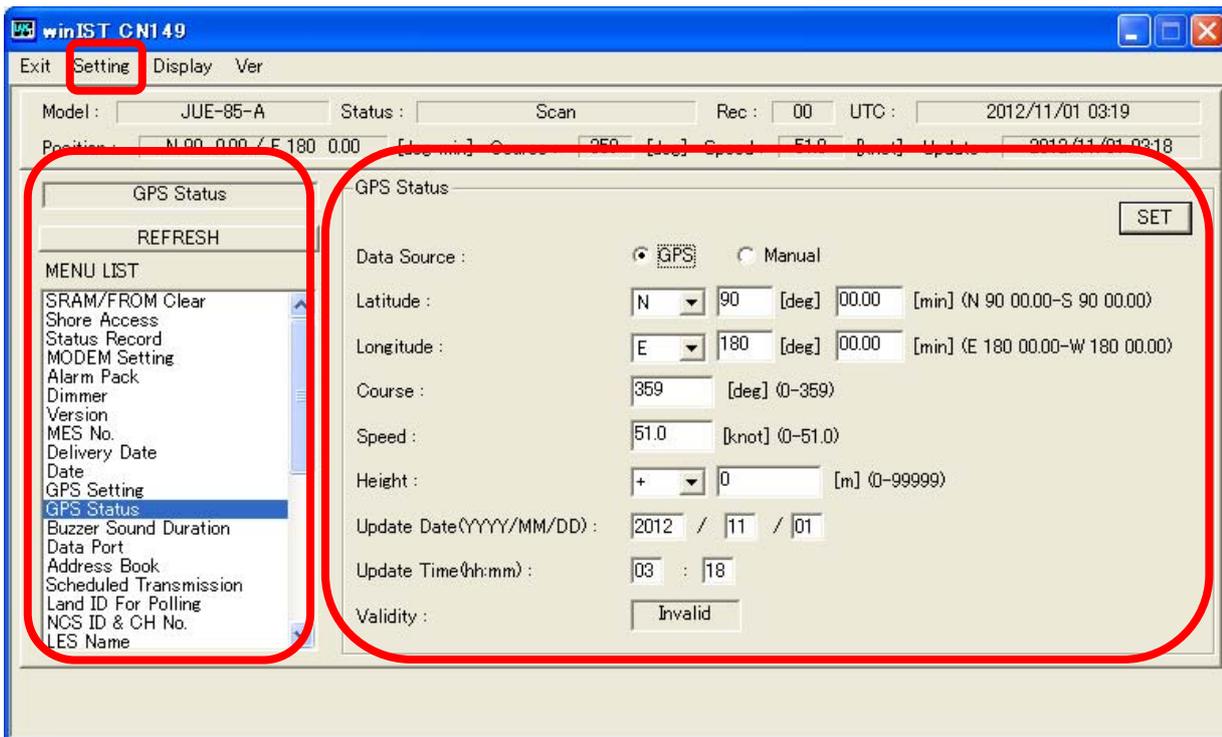


Fig. 4-13-1 [GPS Status] screen

② Confirm [GPS Setting] in above screen:

- [Data Source] GPS/Manual
- [Latitude]
- [Longitude]
- [Course]
- [Speed]
- [Height]
- [Update Date]
- Validity Valid/Invalid

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again:

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2.Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-13-1 [GPS Status] screen** cannot be operated.)

4-13-2 [GPS Status] Setting(Available for GM/SSAS/LRIT model)

- Step 1. Click [GPS Status] in [MENU LIST], then [GPS Status] screen is displayed.
- Step 2. Select [Data Souce] from GPS/Manual. However, there is a case that [Data Souce] selection is not possible. Refer "Note 1" for details.
- Step 3. Input the latitude of your ship to [Latitude] within the range of N90 00.00 to S 90 00.00.
- Step 4. Input the longitude of your ship to [Longitude] within the range of E180 00.00 to W 180 00.00.
- Step 5. Input the course of your ship to [Course] within the range of 0 to 359.
- Step 6. Input the speed of your ship to [Speed] within the range of 0 to 51.0.
- Step 7. Input the height of your ship to [Height] within the range of -9999 to +9999.
- Step 8. Input the updated date to [Update Date] within the range of 2004/01/01to 2099/01/01
- Step 9. Input the updated time to [Update Time] within the range of 0.00 to 223.59.
- Step 10. Click [SET] button.

NOTE

1. Setting of [GPS Status] cannot be done when Model of States is displayed as JUE-95VM.

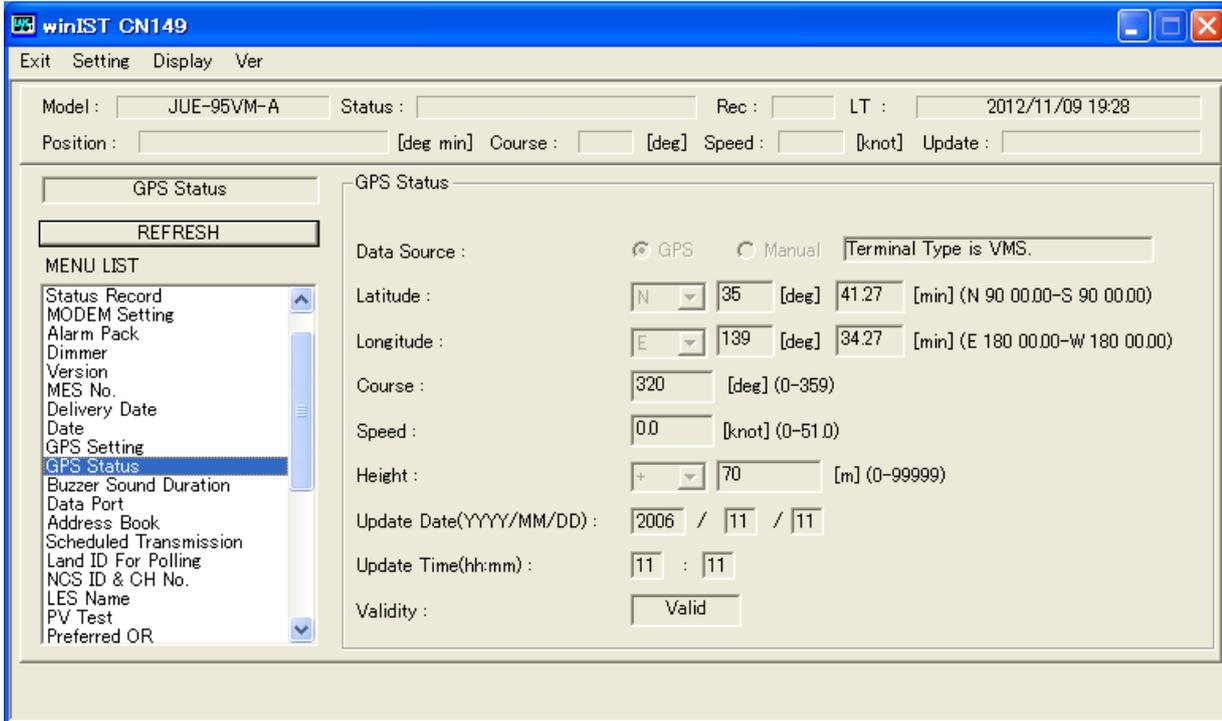


Fig. 4-13-2a [GPS Status] screen when JUE-95VM model is connected

NOTE

- [Data Source] is fixed to Manual only, when GPS Setting (setting of GPS connection) is set to NONE (non connection), then following screen is displayed. GPS cannot be selected to [Data Source].

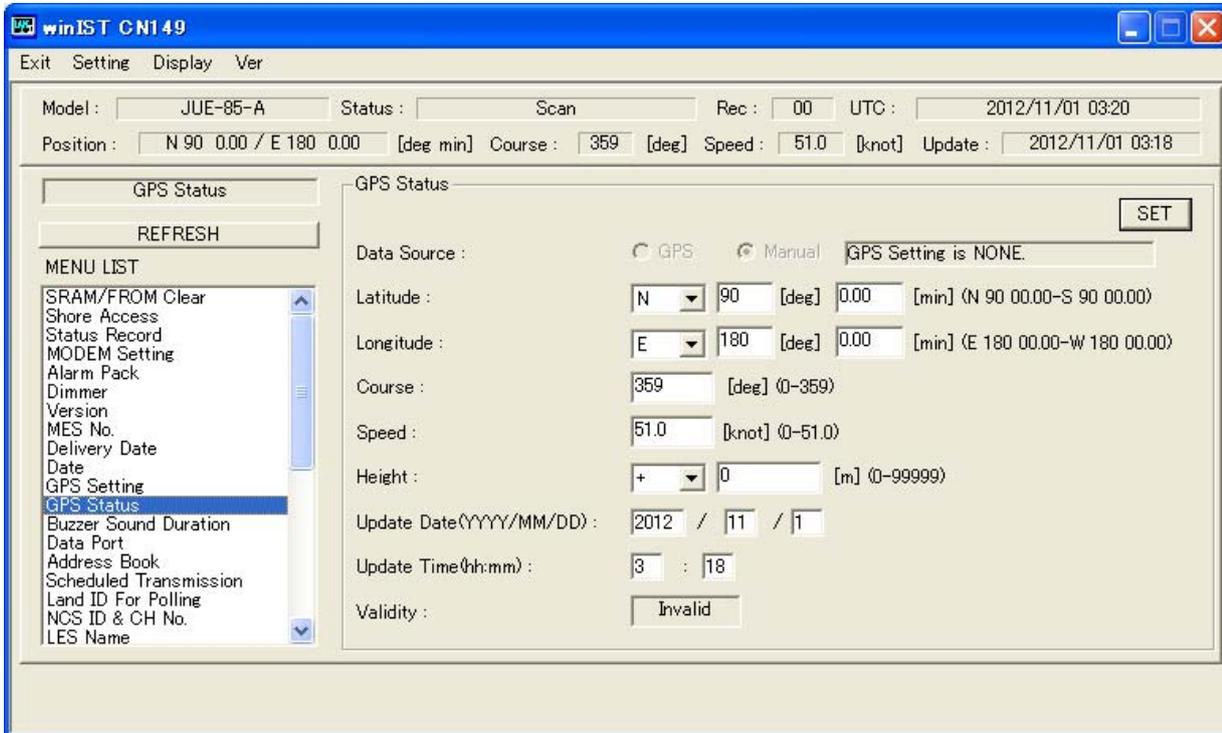


Fig. 4-13-2b [GPS Status] Setting screen when GPS Setting is NONE.

NOTE

3. Setting the [GPS Status] data is impossible when GPS is set to [Data Source].

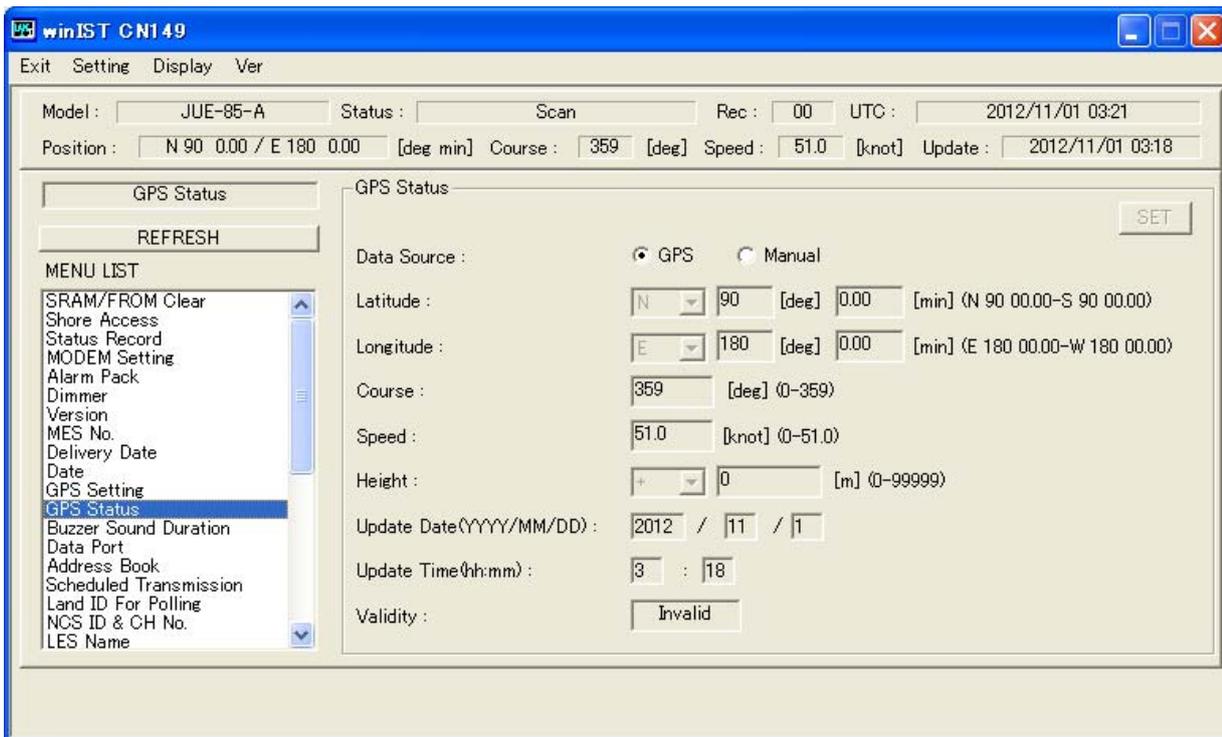


Fig. 4-13-2c [GPS Status] screen when [Data Source] is GPS

4. Data cannot be set when the data reception is failed.
5. Following dialogue box is displayed after [SET] button is clicked, when input data is incorrect.
Correct the data with referring Response.



Fig. 4-13-2d [Latitude] data setting error dialogue box 1

Response: Setting the direction of [Latitude] as N or S.

NOTE



Fig. 4-13-2e [Latitude] data setting error dialogue box 2

Response: Input the position of [Latitude] within the range of 0 0 to 90 0



Fig. 4-13-2f [Longitude] data setting error dialogue box 1

Response: Set the direction of [Longitude] as E or W.

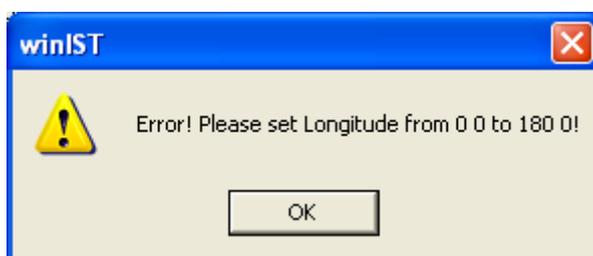


Fig. 4-13-2g [Longitude] data setting error dialogue box 2

Response: Set the position of [Longitude] 0 0 to 180 0

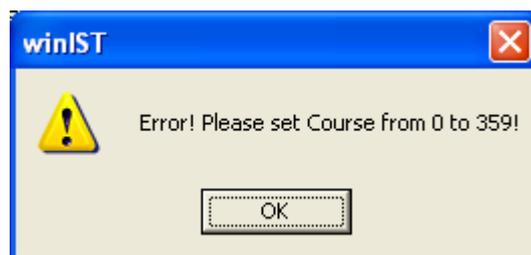


Fig. 4-13-2h [Course] data setting error dialogue box

Response: Set the setting value of [Course] within the range of 0 to 359.

NOTE



Fig. 4-13-2i [Speed] data setting error dialog box

Response: Set the value of [Speed] within the range of 0 to 51.0

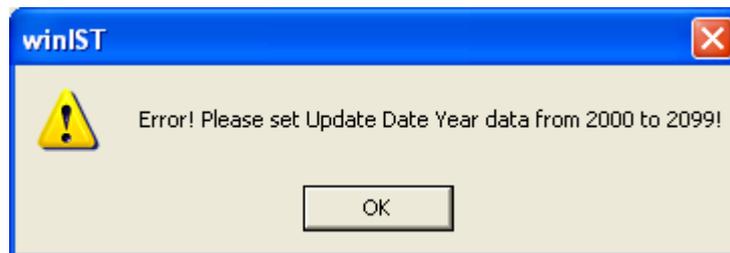


Fig. 4-13-2j [Update Date] Year data setting error dialog box

Response: Set the value of [Update Date] Year within the range of 2000 to 2099.

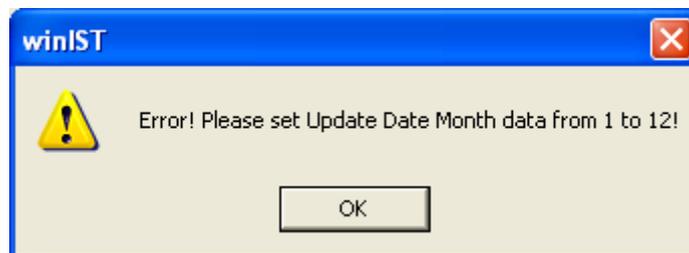


Fig. 4-13-2k [Update Date] Month data setting error window

Response: Set the value of [Update Date] Month within the range of 1 to 12.

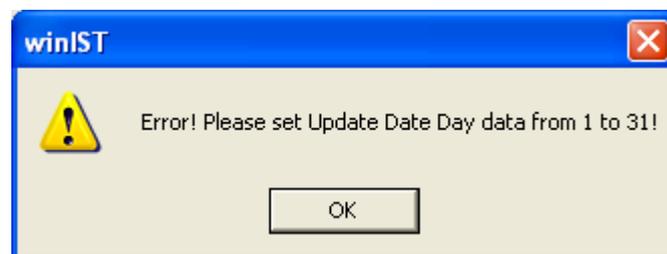


Fig. 4-13-2l [Update Date] Day data setting error dialog box 1

Response: Set the value of [Update Date] Day within the range of 1 to 31.

NOTE



Fig. 4-13-2m [Update Date] Day data setting error dialogue box 2

Response: [Update Date] Day within the range of 1 to 30.

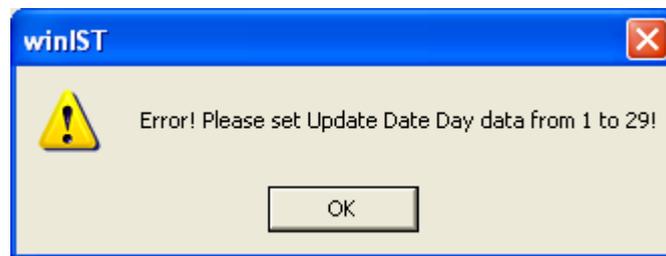


Fig. 4-13-2n [Update Date] Day data setting error dialogue box 3

Response: Set the value of [Update Date] Day within the range of 1 to 29.

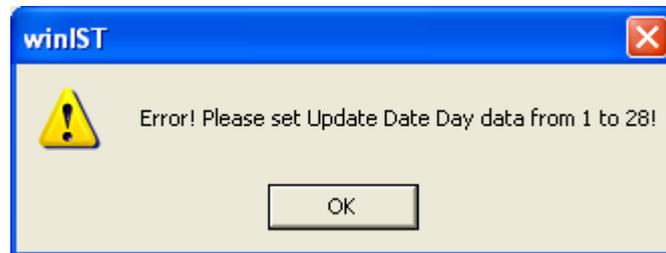


Fig. 4-13-2o [Update Date] Day data setting error dialogue box 4

Response: Set the value of [Update Date] Day within the range of 1 to 28.

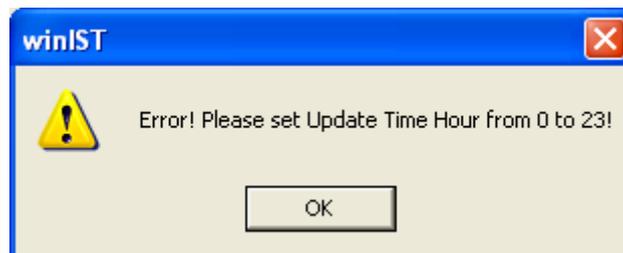


Fig. 4-13-2p [Update Time] Hour data setting error dialogue box

Response: Set the value of [Update Time] Hour within the range of 0 to 23.

NOTE

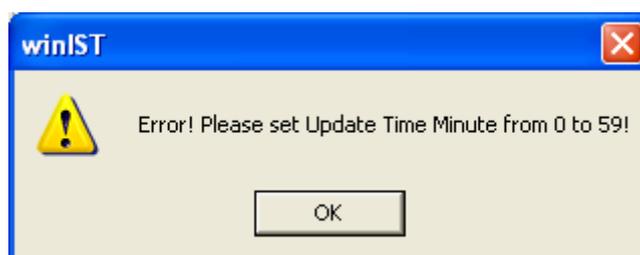


Fig. 4-13-2q [Update Time] Minute data setting error dialogue box

Response: Set the value of [Update Time] Minute within the range of 0 to 59.

6. Following dialogue box is displayed after [SET] button is clicked, when winIST failed to write the data to INMARSAT terminal.



Fig. 4-13-2r Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

7. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of **Fig. 4-13-1 [GPS Status] screen** cannot be operated).

4-14 [Buzzer Sound Duration] Confirmation / Setting

4-14-1 [Buzzer Sound Duration] Confirmation

Step 1. Click [Buzzer Sound Duration] in[MENU LIST] , then following screen is displayed.

(Click [Buzzer Sound Duration] again or click [Refresh] button when you want to renew the data of [Buzzer Sound Duration] again.

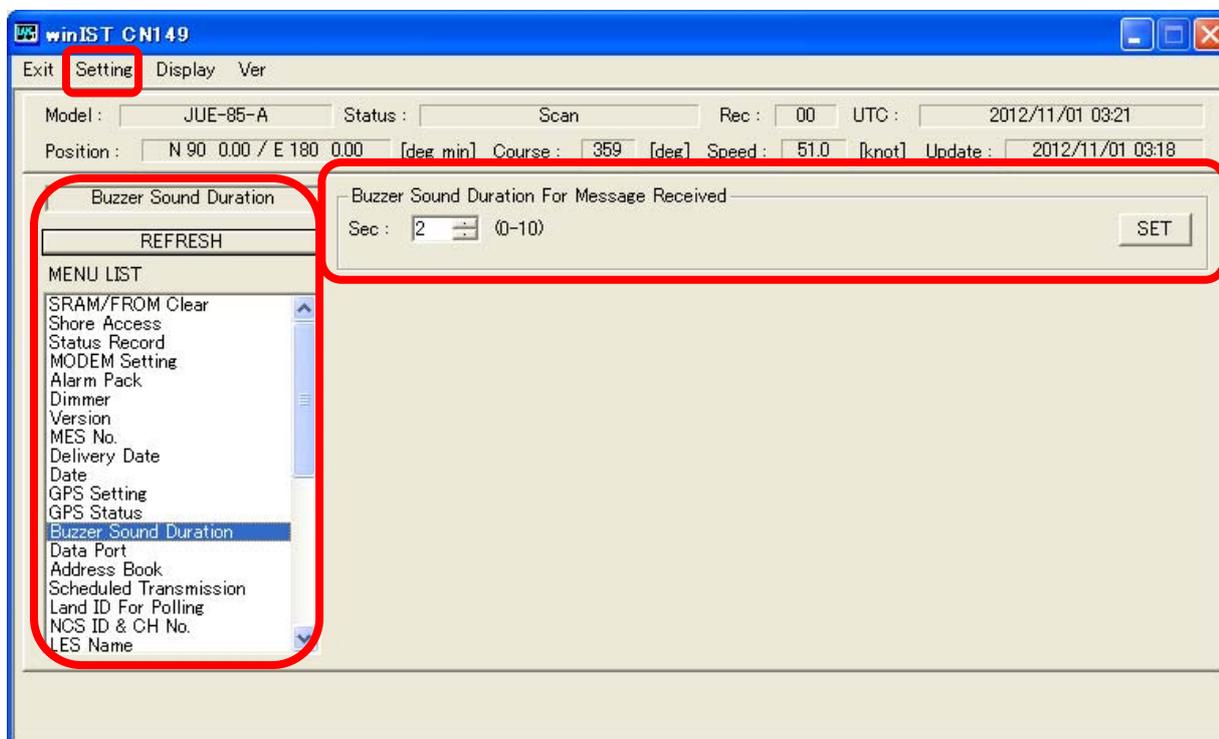


Fig. 4-14-1 [Buzzer Sound Duration] screen

Step 2. Confirm [Buzzer Sound Duration] on above screen.

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-14-1 [Buzzer Sound Duration] screen** cannot be operated.)

4-14-2 [Buzzer Sound Duration] Setting

Step 1. Click [Buzzer Sound Duration] in [MENU LIST], then [Buzzer Sound Duration] screen is displayed.

Step 2. Input the value into [Buzzer Sound Duration] within the range of 1 to 10.

Step 3. Click [SET] button.

NOTE

1. Data cannot be set when the data reception is failed.

2. Following dialogue box is displayed after [SET] button is clicked, when winIST failed to write the data to INMARSAT terminal.



Fig. 4-14-2 Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

3. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of **Fig. 4-14-2 [Buzzer Sound Duration] screen** cannot be operated).

4-15 [Data Port] Confirmation / Setting

Setting of PORT, and confirmation of current PORT setting status, can be done in [Data Port] screen.

4-15-1 [Data Port] Confirmation

Step 1. Click [Data Port] in [MENU LIST], then following screen is displayed.

(Click [Data Port] again or click [Refresh] button when you want to renew the data of [Data Port] again.)

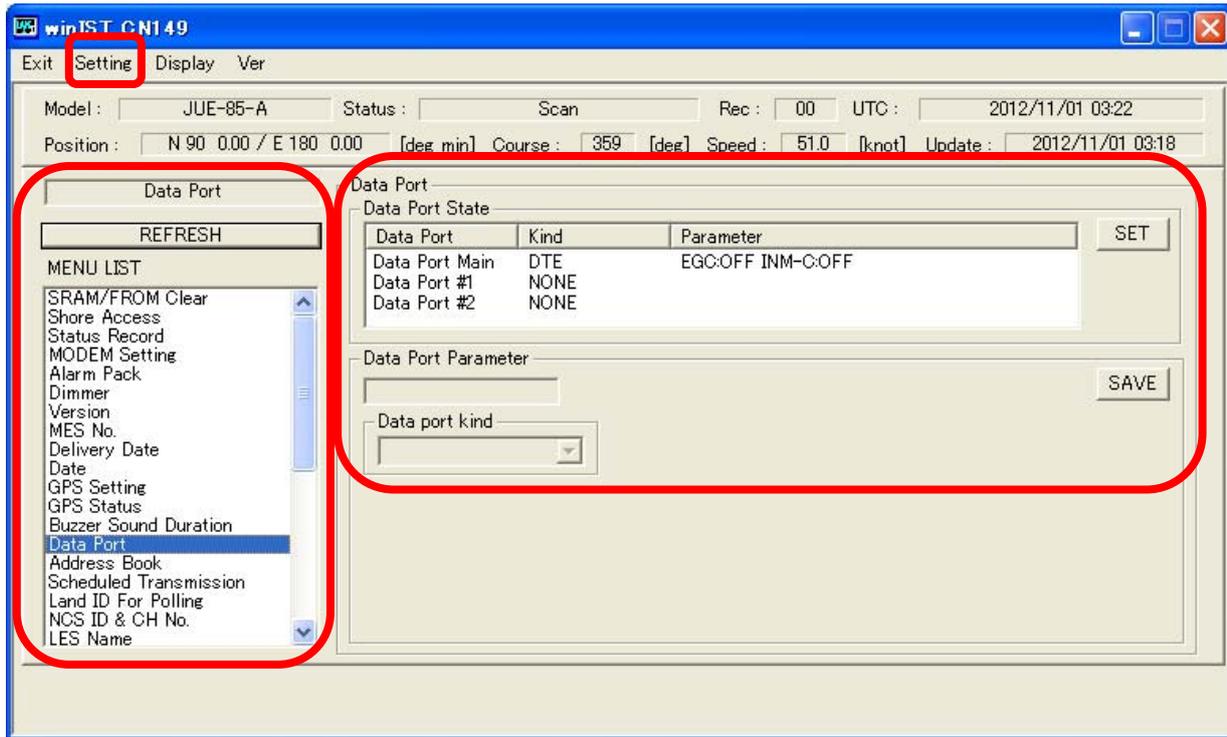


Fig. 4-15-1a [Data Port] screen

Step 2. Select [Data Port] you want to confirm, in [Data Port] State. Choices are 3 of following:

- [Data Port] Main
- [Data Port] #1
- [Data Port] #2

Step 3. Current setting status of Port is displayed as following screen. The displayed screen is different according to [Data Port Kind].

(Above screen displays setting status of DTE Main, when NONE is set to [Data Port Kind].)

*When [Data Port Kind] is set to DTE

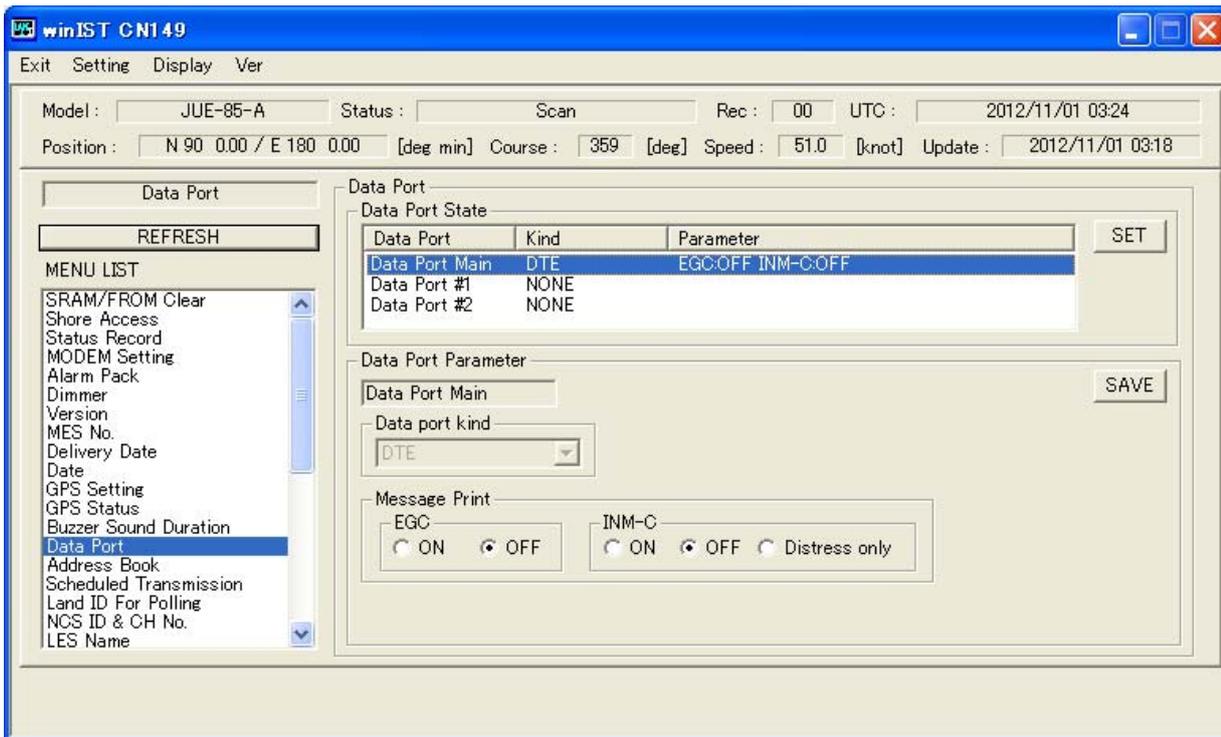


Fig. 4-15-1b [Data Port] screen when [Data Port Kind] is set to DTE

*When [Data Port Kind] is set to [Data Source]

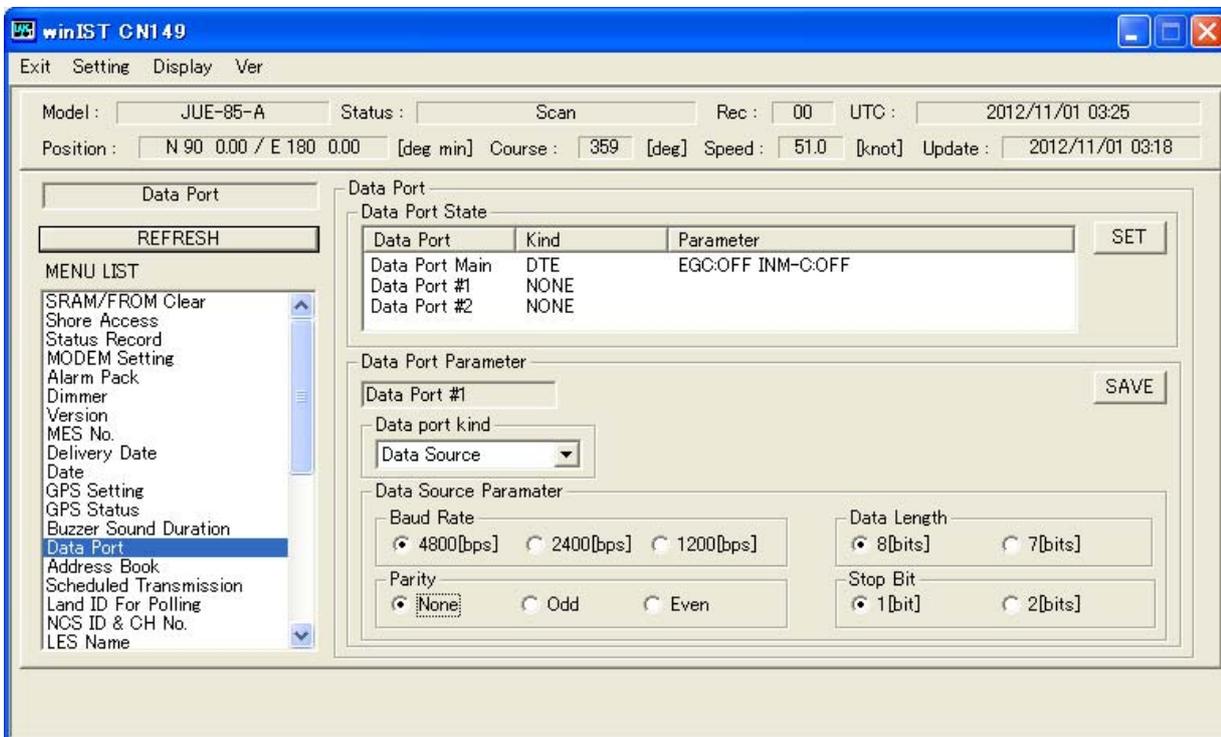


Fig. 4-15-1c [Data Port] screen when [Data Port Kind] is set to [Data Source]

Confirm following data on above 3 screens

■ [Data Port Kind]

*When [Data Port Kind] is set to DTE

■ Message Print

- EGC ON/OFF
- INM-C ON/OFF/Distress only

*When [Data Port Kind] is set to [Data Source] :

■ BaudRate

- 4800bps
- 2400bps
- 1200bps

■ [Parity]

- None
- Odd
- Even

■ Data Length

- 8bits
- 7bits

■ Stop Bits

- 1bits
- 2bits

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-15-1a [Data Port] screen** cannot be operated).

4-15-2 [Data Port] Setting

Step 1. Click [Data Port] in [MENU LIST] then following screen is displayed.

Step 2. Select [Data Port] from following 3 choices.

- [Data Port] Main
- [Data Port] #1
- [Data Port] #2

Step 2. Select [Data Port Kind] from following 3 choices.

- None
- DTE
- [Data Source]

***When DTE is set to [Data Port Kind]**

Step 4. Select EGC ON/OFF of Message Print.

Step 5. Select INM-C ON/OFF/Distress only of Message Print. EGC ON is selected compulsorily when Distress only is selected.

Step 6. Carry out setting procedure 2 to 5 again when you want to set the other [Data Port].

Step 7. Click [SET] button when you set the data to INMARSAT terminal.

***When [Data Port] is set to [Data Port Kind]**

Step 4. Select 4800bps/2400bps/1200bps to [Baud rate].

Step 5. Set None, Odd or Even to [Parity].

Step 6. Select 8bits/7bits to Data Length.

Step 7. Select 1bit/2bits to Stop Bit.

Step 8. Carry out procedure 2 to 5 again when you want to set the other [Data Port].

Step 9. Click [SET] button when you set the data to INMARSAT terminal.

NOTE

1. The data is not set to INMARSAT terminal when [SAVE] button is clicked.

The function of Save button is only displays data to the list on PC screen. Data is not written into INMARSAT terminal unless [SET] button is clicked.

2. All the data of [Data Port] Main, [Data Port] #1, and [Data Port] #2 are set when [SET] button is clicked.

3. Data cannot be set when the data reception is failed.

4. Following dialogue box is displayed after [SAVE] button is clicked, when input data is incorrect.

Correct setting data with referring Response.

NOTE



Fig. 4-15-2a EGC Message setting data error dialogue box

Response: Set EGC ON/OFF of Message Print.

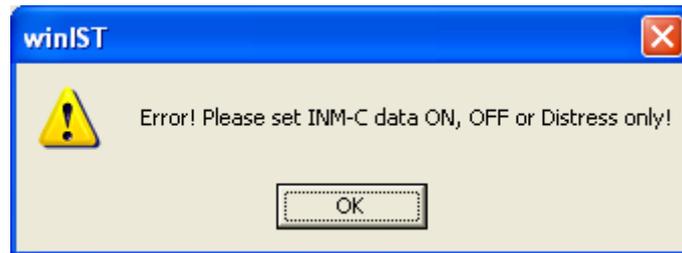


Fig. 4-15-2b INM-C Message setting error dialogue box

Response: Set INM-C ON/OFF or Distress only of Message Print.



Fig. 4-15-2c [Baud rate] setting error dialogue box

Response: Set: 4800bps, 2400bps, or 1200bps to Baud Rate of [Data Source] Parameter.

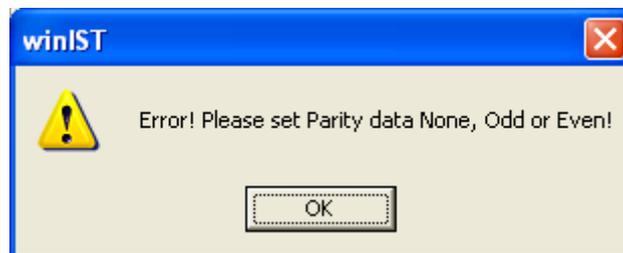


Fig. 4-15-2d [Parity] setting error dialogue box

Response: Set None, Odd or Even to [Parity] of [Data Source] Parameter.

NOTE



Fig. 4-15-2e Data Length setting error dialogue box

Response: Set 8bits or 7 bits to Data Length of [Data Source] Parameter.



Fig. 4-15-2f Stop Bit setting error dialogue box

Response: Set 1 bit or 2 bit to stop of [Data Source] Parameter.

5. Following dialogue box is displayed after clicking [SET] button, when winIST failed to write the data to INMARSAT terminal.



Fig. 4-15-2g Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

6. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-15-1a [Data Port] screen** cannot be operated.)

4-16 [Address Book] Confirmation / Setting

Reference and confirmation can be done in [Address Book] screen.

4-16-1 [Address Book] Confirmation

Step 1. Click [Address Book] in [MENU LIST], then following screen is displayed.

(Click [Address Book] again or click [Refresh] button when you want to renew the data of [Address Book] again.

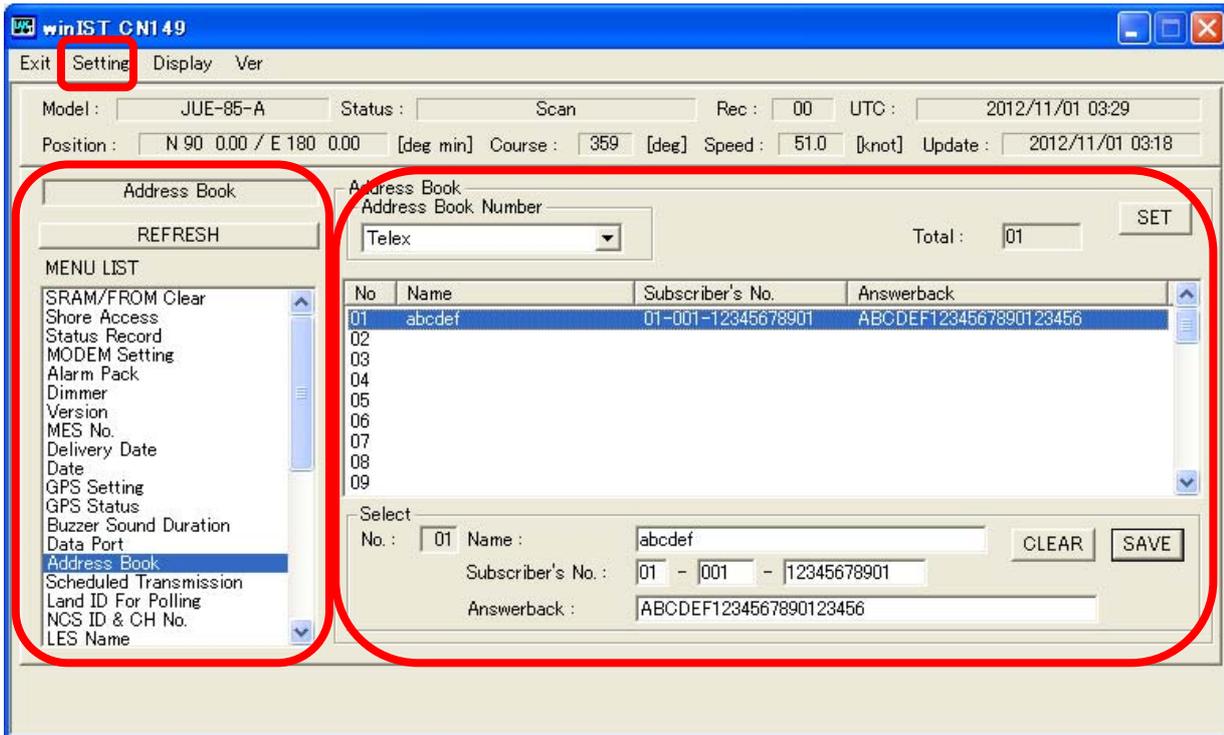


Fig. 4-16-1a [Address Book] screen

Step 2. Select [Address Book] No. you want to confirm from following 3 choices:

- Telex
- Data(PSDN)
- Data(PSTN)

***[Address Book] screen when Data(PSDN) is selected to [Address Book] No.**

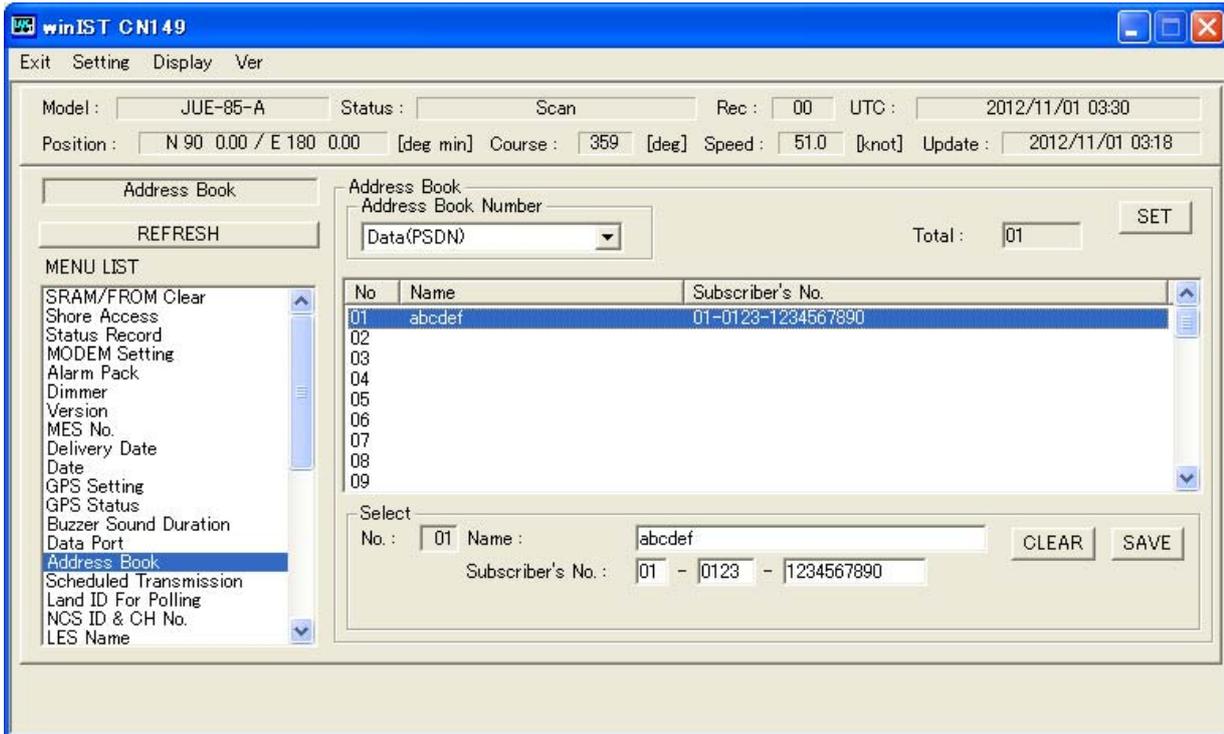


Fig. 4-16-1b [Address Book] Screen when Data (PSDN) is selected to [Address Book] No.

***[Address Book] screen when Data(PSTN) is selected to [Address Book] No..**

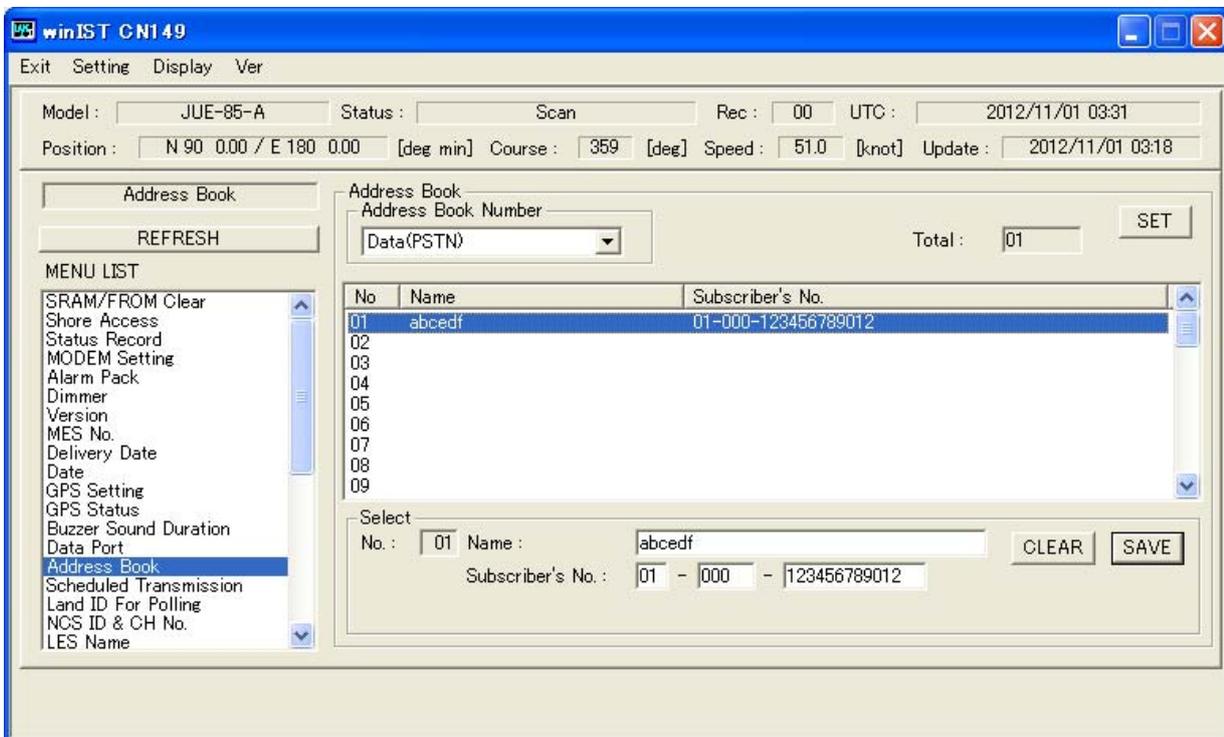


Fig. 4-16-1c [Address Book] Screen when Data(PSTN) is selected to [Address Book] No.

Step 3. Confirm the following data on [Address Book] Window.

- Name
- Subscriber's No.

***When Telex is set to [Address Book] No.**

- Answerback

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-16-1a [Address Book] screen** cannot be operated.)

4-16-2 [Address Book] Setting

Step 1. Click [Address Book] in [MENU LIST], then [Address Book] screen is opened.

Step 2. Select [Address Book] No. from following 3 choices.

- Telex
- Data(PSDN)
- Data(PSTN)

Step 3. Select [Address Book] No. from the list. Detailed information is displayed in [Select] frame.

*** When Telex is selected to [Address Book] No.**

Step 4. Click [CLEAR] button when you want to clear current setting value.

Step 5. Input person's name to [Name] by one-byte alphanumerical character and one-byte sign, by 16 characters or less.

Step 6. Input [Subscriber's No.].

Input [Prefix Code] to 1st box (from left) within the range of 0 to 99.

Input [Destination Code] to 2nd box (from left) within the range of 0 to 999.

Input [Subscriber's No.] to 3rd box by 11-digit figure.

Step 7. Input Answer Back by one-byte alphanumeric characters, 22 characters or less.

Step 8. Click [SAVE] button when you want to reflect setting data to the list of [Address Book].

Step 9. Carry out the procedure 3 to 8 when you want to edit other [Address Book] data.

Step 10. Click [SET] button when setting is completed, then the data is written on INMARSAT terminal.

***When Data(PSDN) is selected to [Address Book] No.**

Step 4. Click [CLEAR] button when you want to clear current setting value.

Step 5. Input [destination's name] by one-byte alphanumeric characters 16-digit or less.

Step 6. Input [Subscriber's No.] to Subscriber's No..

Input [Prefix Code] to 1st box (from left) within the range of 0 to 99.

Input [Destination Code] to 2nd box (from left) within the range of 0 to 9999.

Input subscriber's No. to 3rd box (from left) 10-digit or less.

Step 7. Click [SAVE] button when you want to reflect setting data to the list of [Address Book].

Step 8. Carry out the procedure 3 to 7 when you want to edit other [Address Book] data.

Step 9. Click [SET] button when setting is completed, then the data is written on INMARSAT terminal.

***When Data(PSTN) is selected to [Address Book] No.**

Step 4. Click [CLEAR] button when you want to clear current setting value.

Step 5. Input [destination's name] by one-byte alphanumeric characters 16-digit or less.

Step 6. Input [Subscriber's No.] to Subscriber's No..

Input [Prefix Code] to 1st box (from left) within the range of 0 to 99.

Input [Destination Code] to 2nd box (from left) within the range of 0 to 9999.

Input [Subscriber's No.] to 3rd box (from left) 12-digit or less.

Step 7. Click [SAVE] button when you want to reflect setting data to the list of [Address Book].

Step 8. Carry out the procedure 3 to 7 when you want to edit other [Address Book] data.

Step 9. Click [SET] button when setting is completed, then the data is written into INMARSAT terminal.

NOTE

1. The data is not set to INMARSAT terminal when [SAVE] button is clicked.

The function of [Save] button is only displays data to the list on PC screen. Data is not written into INMARSAT terminal unless [SET] button is clicked.

2. All the data of Telex, Data (PSTN),Data(PSDN) of [Address Book] are set when [SET] button is pressed.

3. Data cannot be set when the data reception is failed.

4. Following dialogue box is displayed after [SAVE] button is clicked, when input data is incorrect. Correct setting data with referring Response.

NOTE



Fig. 4-16-2a Prefix Setting error dialogue box

Response: Input [Prefix Code] to 1st box of [Subscriber's No.] within the range of 0 to 99.



Fig. 4-16-2b [Destination Code] Setting error dialogue box

Response: Input [Destination Code] to 2nd box of [Subscriber's No.] within the range of 0 to 999.



Fig. 4-16-2c Subscriber's No. Setting dialogue box

Response: Input [Subscriber's No.] to 3rd box by figures (Telex: 11-digit or less, Data(PSDN):10-digit or less, and Data(PSTN): 12-digit or less.

NOTE

5. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-16-2d Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

6. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of **Fig. 4-16-2a [Address Book] screen** cannot be operated.)

4-17 [Scheduled Transmission] Confirmation / Setting

Confirmation and setting can be done on Scheduled transmission screen.

4-17-1 [Scheduled Transmission] Confirmation

Step 1. Click [Scheduled Transmission] in [MENU LIST], then following screen is displayed.

(Click [Scheduled Transmission] again or click [Refresh] button when you want to renew the data of [Scheduled Transmission] again.)

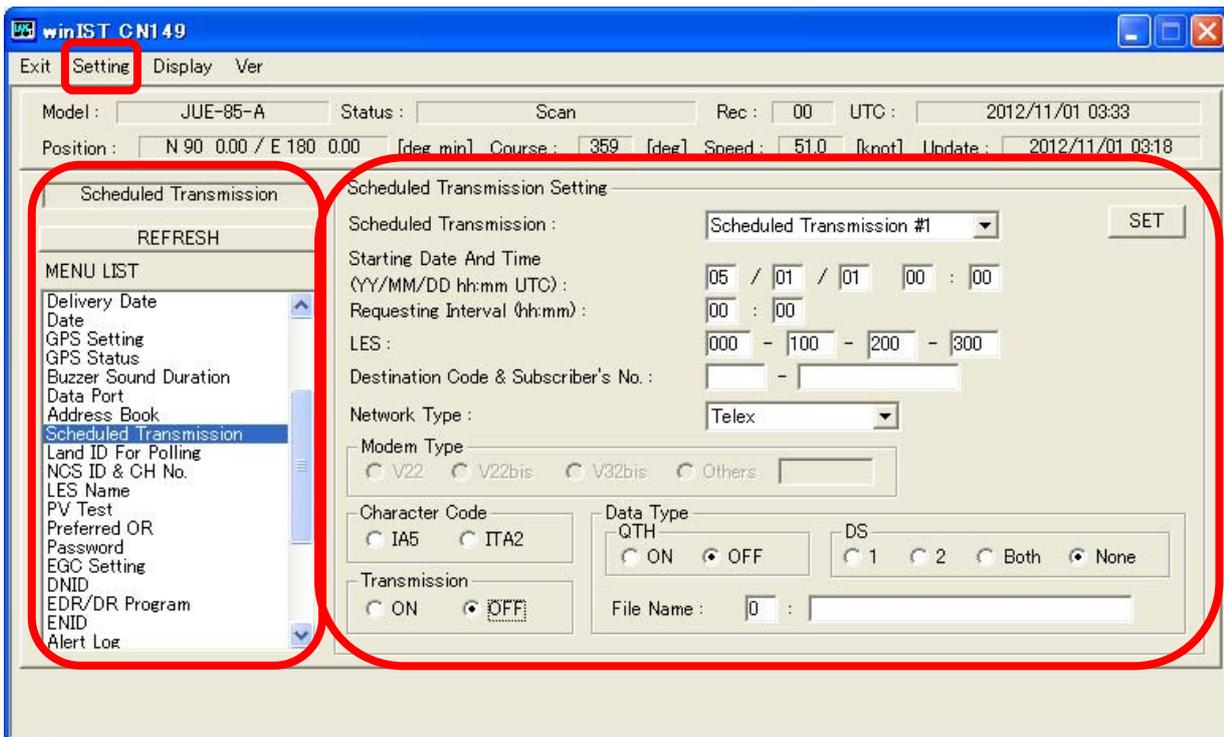


Fig. 4-17-1a [Scheduled Transmission] screen

Step 2. Select [Scheduled Transmission] you want to confirm from schedule Transmission #1 to #5.

Step 3. Confirm following data on above window:

- Starting Date And Time
- Requesting Interval
- LES
- [Destination Code] & [Subscriber's No.]
- Network Type
 - E-mail
 - Telex
 - PSTN
 - Facsimile
 - PSDN
 - Closed Net
 - Special Access

■ Transmission

■ Character Code

* When Telex type is selected to Network Type

- IA5
- ITA2

* When E-mail/PSTN/Facsimile/Closed Net/Special access type is selected to Network Type

- IA5
- DATA

* When PSDN type is selected to Network Type

- DATA

■ Data Type

- QTH
- DS
- File Name

*When PSTN is selected to Network Type

■ Modem Type

NOTE

1. Empty column is displayed when winIST failed to receive the message.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-17-1a [Scheduled Transmission] screen** cannot be operated.)

Reference : The screen by Network Type

Regarding Telex, refer the screen of 4-17-1a.

A. The screen PSTN is selected to Network Type

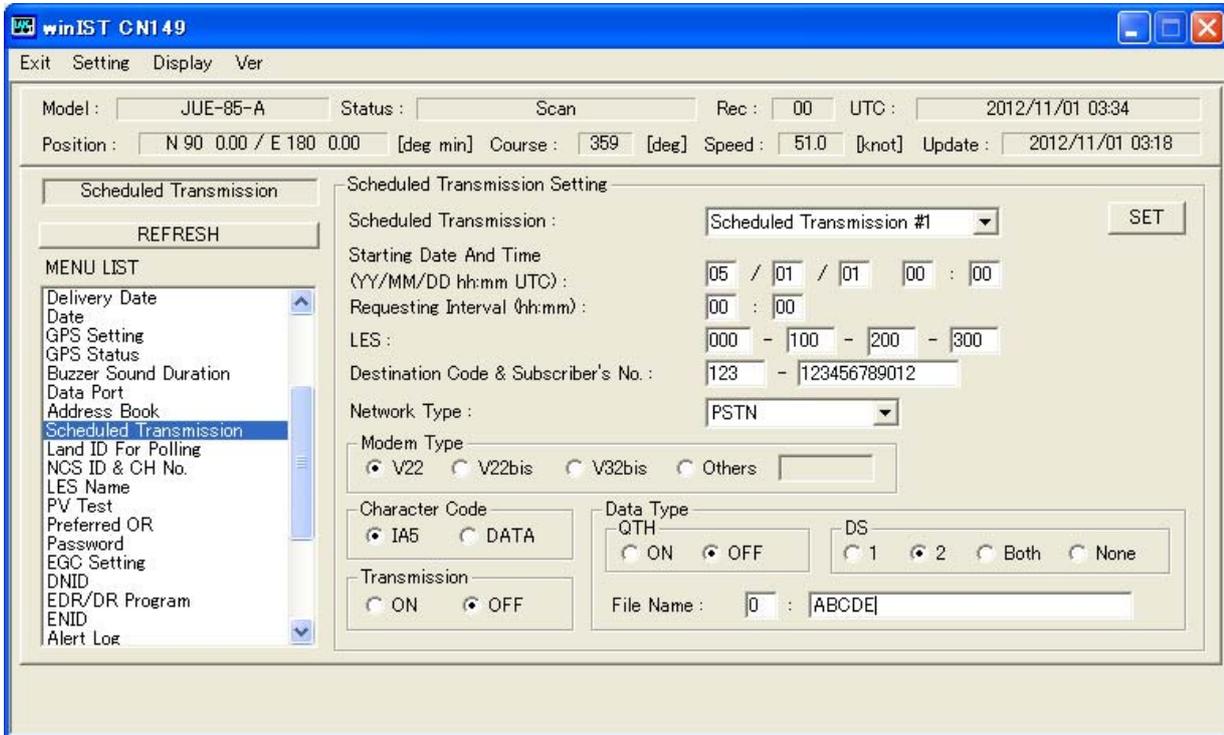


Fig. 4-17-1b The screen PSTN is selected to Network Type

B. The screen Facsimile is selected to Network Type

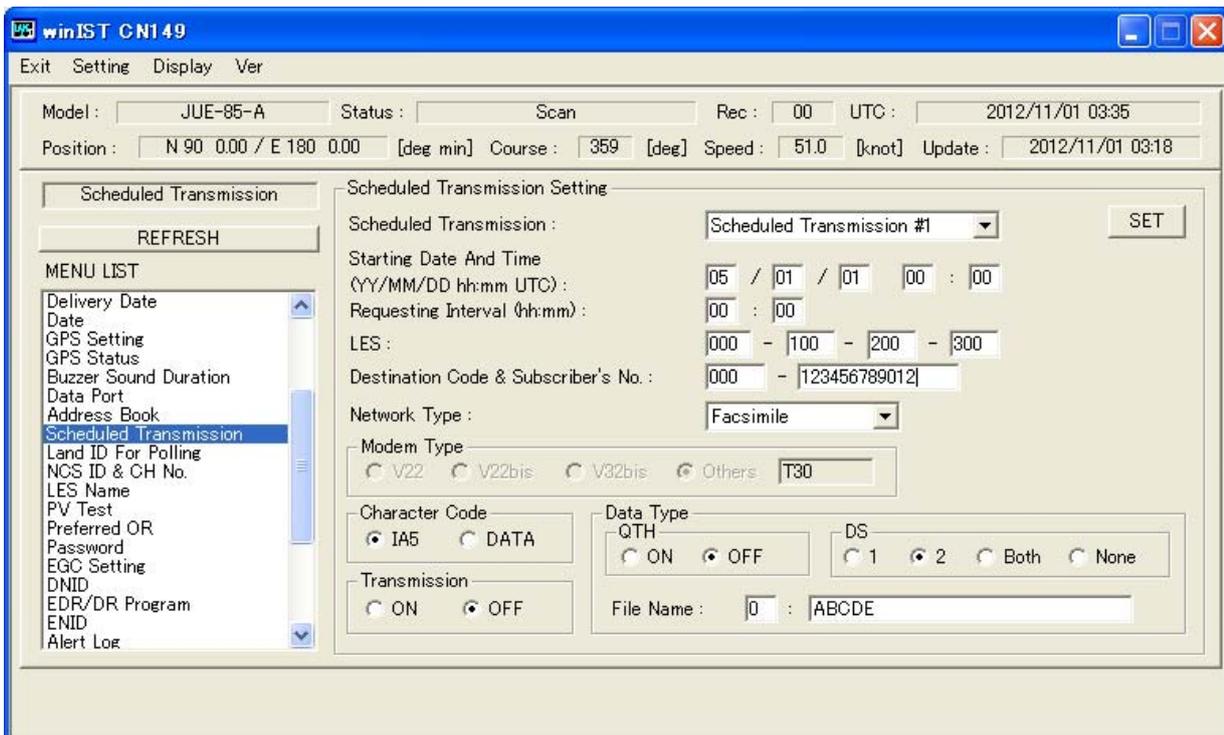


Fig. 4-17-1c The screen Facsimile is selected to Network Type

C. The screen PSDN is selected to Network Type

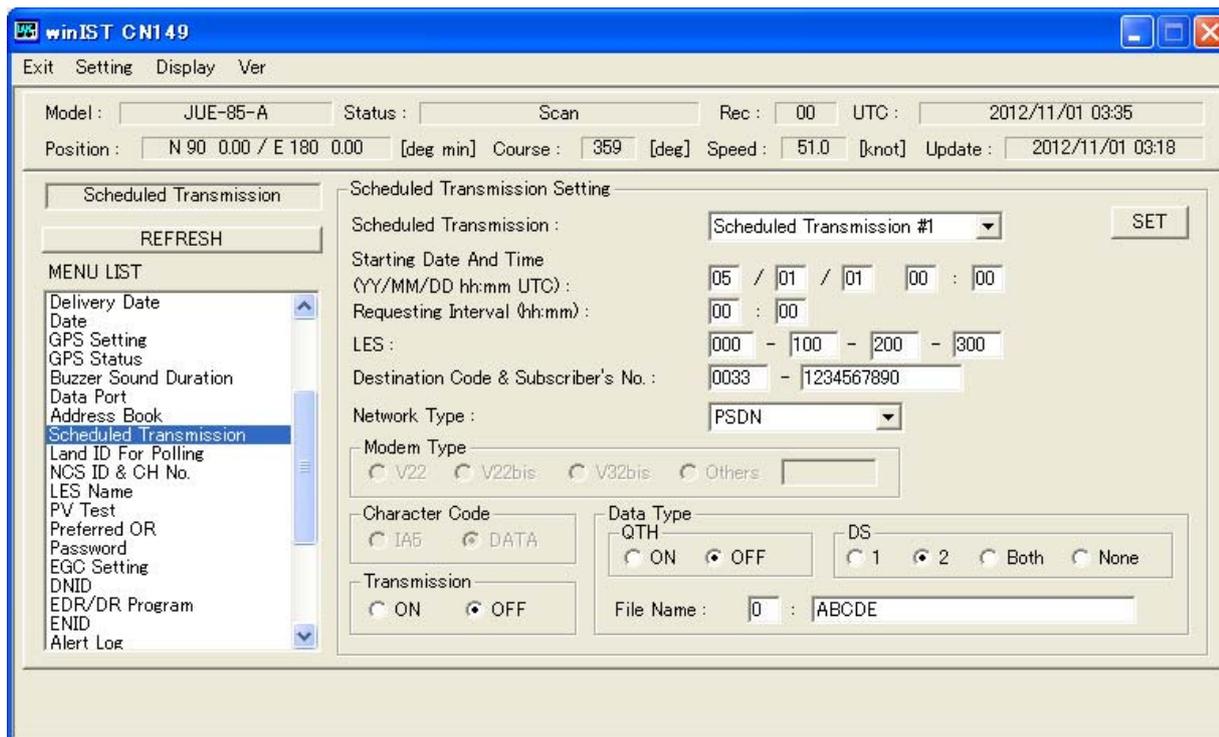


Fig. 4-17-1d The screen PSDN is selected to Network Type

D. The screen Closed Net is selected to Network Type

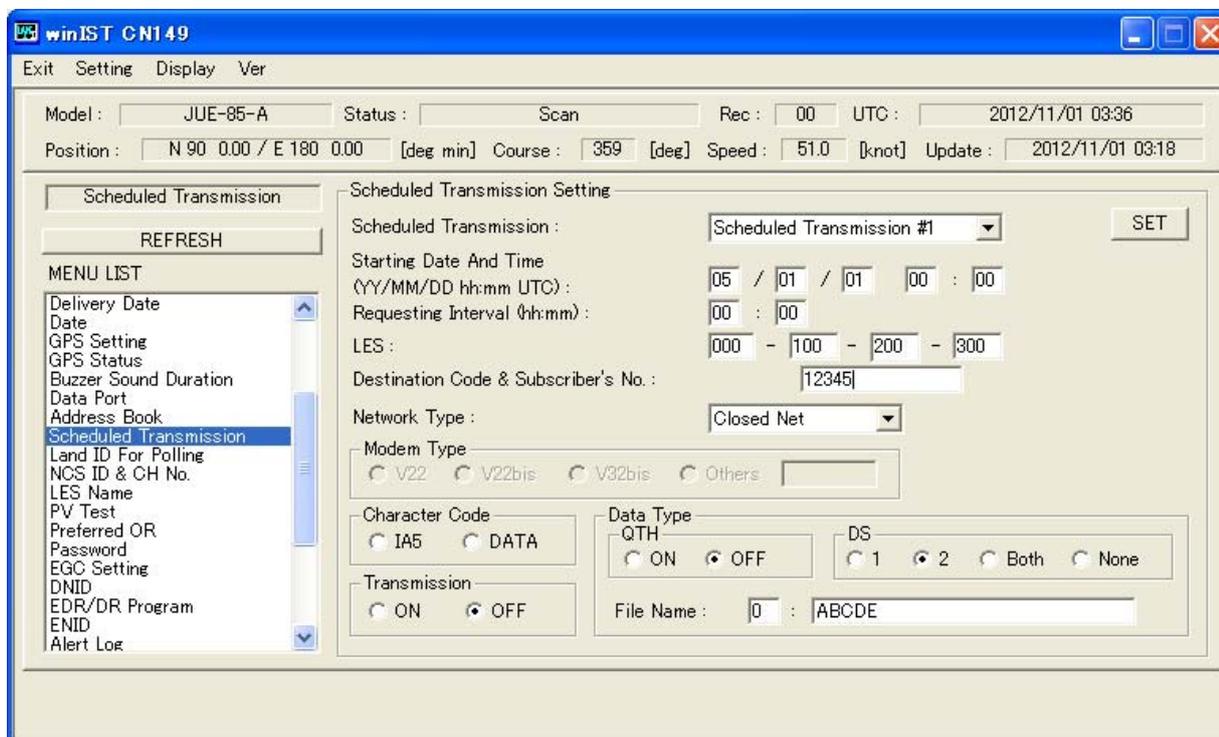


Fig. 4-17-1e The screen Closed net is selected to Network Type

E. The screen Special Access is selected to Network Type

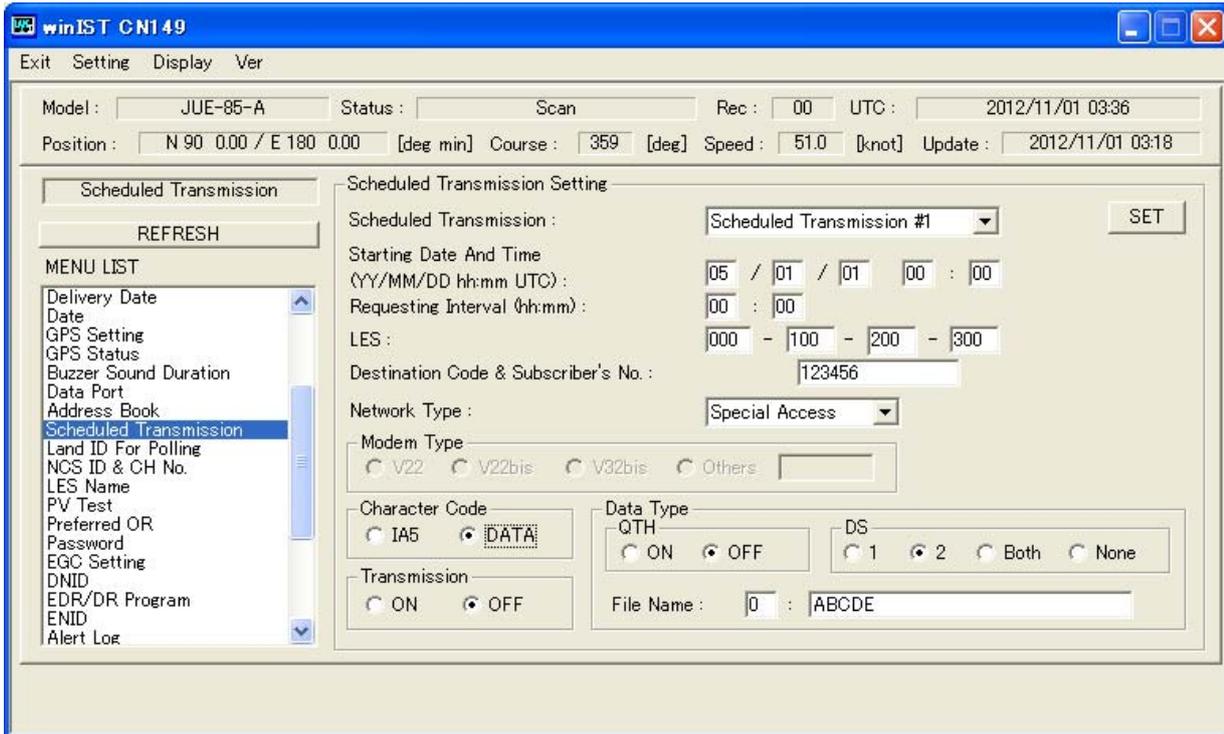


Fig. 4-17-1f The screen Special Access is selected to Network Type

F. The screen E-mail is selected to Network Type

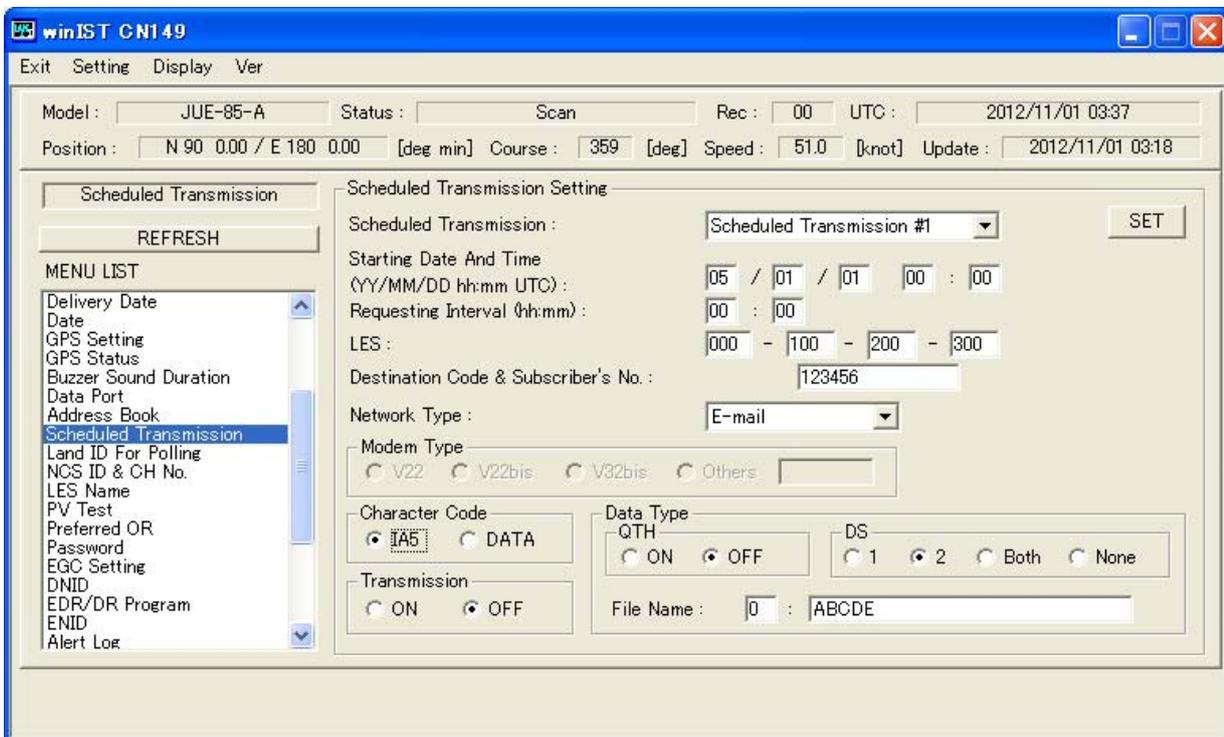


Fig. 4-17-1g The screen E-mail is selected to Network Type

4-17-2 [Scheduled Transmission] Setting

Step 1. Click [Scheduled Transmission] in [MENU LIST], then [Scheduled Transmission] screen is displayed.

Step 2. Select [Scheduled Transmission] from [Scheduled Transmission] #1 to #5.

Step 3. Input [Starting Date & Time].

Step 4. Input [Requesting Interval]. Set the minutes (mm) at intervals of 10 minutes.

Step 5. Input LES No.

Input LES No. into 1st box (from left) within the range of 000 to 063.

Input LES No. into 2nd box (from left) within the range of 100 to 163.

Input LES No. into 3rd box (from left) within the range of 200 to 263.

Input LES No. into 4th box (from left) within the range of 300 to 363.

Step 6. Select Network Type from following 5 choices.

- E-mail
- Telex
- PSTN
- Facsimile
- PSDN
- Closed Net
- Special Access

* When Telex is selected to Network Type

Step 7. Input [Destination Code] & [Subscriber's No.].

Input them into 1st box (from left) within the range of 0 to 999.

Input them into 2nd box (from left) by 11-digit figure.

Step 8. Select [Character Code] from following 2 choices.

- IA5
- ITA2

Step 9. Select Transmission ON/OFF.

Step 10. Select QTC ON/OFF of Data Type.

Step 11. Select DS of Data Type from following 4 choices.

- 1
- 2
- Both
- None

* Edit the File Name when None is selected.

Input figure to 1st box (from left) within the range of 0 to 2.

Input file name to 2nd box (from left) within 12 character in alphanumeric character and [.] (dot).

Step 12. Carry out the procedure 2 to 11 to edit other [Scheduled Transmission] data.

Step 13. Click [SET] button when setting is completed, to write the data into INMARSAT terminal.

*** When PSTN is set to Network Type**

Step 7. Input [Destination Code] & [Subscriber's No.].

Input [Destination Code] to 1st box (from left) within the range of 0 to 999.

Input [Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 8. Select Modem Type from following 4 choices.

- V22
- V22bis
- V32bis
- Others

*** Input one-alphabet and 3-figure character string to right side box when Others is selected.**

Step 9. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 10. Set [Transmission] ON/OFF.

Step 11. Set [QTC] ON/OFF of [Data Type].

Step 12. Select [DS] of [Data Type] from following 4 choices.

- 1
- 2
- Both
- None

*** Edit File Name when None is selected**

Input figure to 1st box (from left) within the range of 0 to 2.

Input file name to 2nd box (from left) within 12 characters in alphanumeric character and [.](dot).

Step 13. Carry out the procedure of 2 to 12 again when you want to edit other [Scheduled Transmission]

Step 14. Click [SET] button when setting is completed, to write the data into INMARSAT terminal.

*** When Facsimile is set to Network Type**

Step 7. Input [Destination Code] & [Subscriber's No.].

Input [Destination Code] to 1st box (from left) within the range of 0 to 999.

Input [Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 8. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 9. Set [Transmission] ON/OFF.

Step 10. Set [QTC] ON/OFF of [Data Type].

Step 11. Select [DS] of [Data Type] from following 4 choices.

- 1
- 2
- Both
- None

*** Edit File Name when None is selected**

Input figure to 1st box (from left) within the range of 0 to 2.

Input file name to 2nd box (from left) within 12 characters in alphanumeric character and [.] (dot).

Step 12. Carry out the procedure of 2 to 12 again when you want to edit other [Scheduled Transmission]

Step 13. Click [SET] button when setting is completed, to write the data into INMARSAT terminal.

*** When PSDN is set to Network Type**

Step 7. Input [Destination Code] & [Subscriber's No.].

Input [Destination Code] to 1st box (from left) within the range of 0 to 9999.

Input [Subscriber's No.] to 2nd box (from left) as 10-digit figure.

Step 8. Set Transmission ON/OFF.

Step 9. Set QTC ON/OFF of Data Type.

Step 10. Select DS of Data Type from following 4 choices:

- 1
- 2
- Both
- None

*** Edit File Name when None is selected.**

Input figure to 1st box (from left) within the range of 0 to 2.

Input file name to 2nd box (from left) within 12 characters in alphanumeric character and [.](dot).

Step 11. Carry out the procedure of 2 to 11 again when you want to edit other [Scheduled Transmission].

Step 12. Click [SET] button when setting is completed, to write the data into INMARSAT terminal.

*** When Closed Net is set to Network Type**

Step 7. Input [Destination Code] & [Subscriber's No.] as 5-digit figure.

Step 8. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 9. Set Transmission ON/OFF.

Step 10. Set QTC ON/OFF of Data Type.

Step 11. Select DS of Data Type from following 4 choices:

- 1
- 2
- Both
- None

*** Edit File Name when None is selected.**

Input figure to 1st box (from left) within the range of 0 to 2.

Input file name to 2nd box (from left) within 12 characters in alphanumeric character and [.](dot).

Step 12. Carry out the procedure of 2 to 11 again when you want to edit other [Scheduled Transmission].

Step 13. Click [SET] button when setting is completed, to write the data into INMARSAT terminal.

*** When E-mail or Special Access is set to Network Type**

Step 7. Input [Destination Code] & [Subscriber's No.], by Alphabet (Capital letter and small letter)

Step 8. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 9. Set Transmission .

Step 10. Set QTC ON/OFF of Data Type.

Step 11. Select DS of Data Type from following 4 choices.

- 1
- 2
- Both
- None

*** Edit File Name when None is selected.**

Input figure to 1st box (from left) within the range of 0 to 2.

Input file name to 2nd box (from left) within 12 characters in alphanumeric character and [.](dot).

Step 12. Carry out the procedure of 2 to 11 again when you want to edit other [Scheduled Transmission].

Step 13. Click [SET] button when setting is completed, to write the data into INMARSAT terminal.

NOTE

1. Data cannot be set when the data reception is failed.
2. Following dialogue box is displayed after [SET] button is clicked, when input data is incorrect.

Correct the setting data with referring each Response.

(● means Scheduled Transmission #1 to #5.)

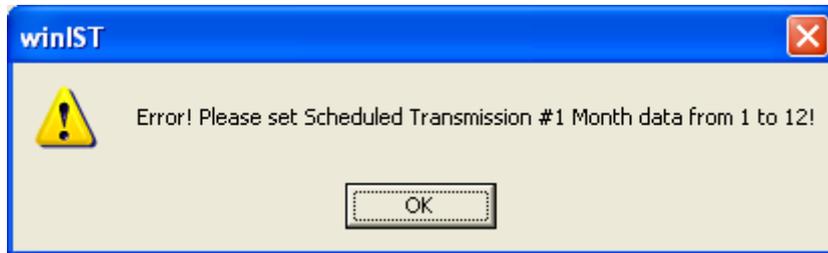


Fig. 4-17-2a Month data setting error dialogue box

· Error! Please set [Scheduled Transmission] #● Month Data from 1 to 12!

Response: Set Starting Date And Time(MM) of [Scheduled Transmission] #● within the range of 1 to 12.

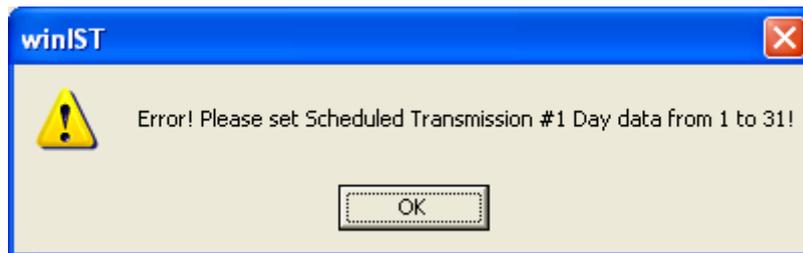


Fig. 4-17-2b Day data setting error dialogue box 1

· Error! Please set [Scheduled Transmission] #● Day data from 1 to 31!

Response: Set Starting Date And Time(DD) of [Scheduled Transmission] #● within the range of 1 to 31.

NOTE



Fig. 4-17-2c Day data setting error dialog box 2

- Error! Please set [Scheduled Transmission] #● Day data from 1 to 30!

Response: Set Starting Date And Time(DD) of [Scheduled Transmission] #● within the range of 1 to 30.

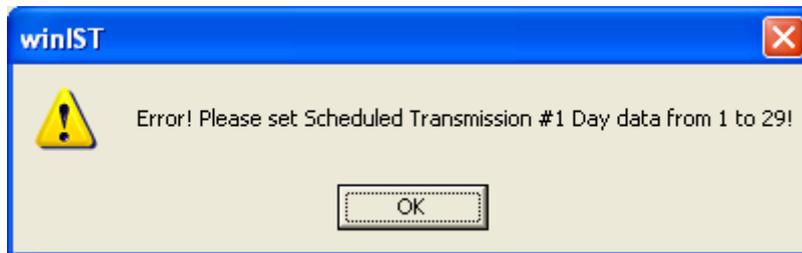


Fig. 4-17-2d Day data setting error dialog box 3

- Error! Please set [Scheduled Transmission] #● Day data from 1 to 29!

Response: Set Starting Date And Time(DD) of [Scheduled Transmission] #● within the range of 1 to 29.

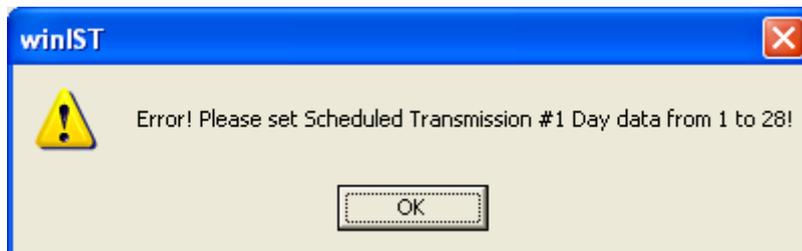


Fig. 4-17-2e Day data setting error dialog box 4

- Error! Please set [Scheduled Transmission] #● Day data from 1 to 28!

Response: Set Starting Date And Time(DD) of [Scheduled Transmission] #● within the range of 1 to 29.

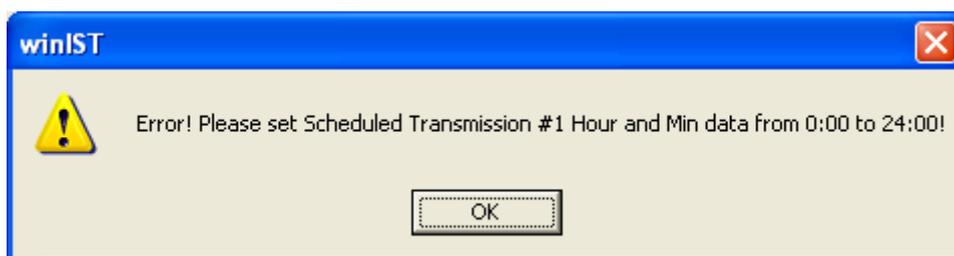


Fig. 4-17-2f Hour & Min data setting error dialog box

NOTE

- Error! Please set [Scheduled Transmission] #● Hour and Min data from 0:00 to 24:00!

Response: Set Starting Date And Time(hh:mm) of [Scheduled Transmission] #● within the range of 0.00 to 24:00.



Fig. 4-17-2g Requesting Interval Min data setting error dialogue box

- Error! Please set [Scheduled Transmission] #● Interval Time Min data is 10 minute Interval!!

Response: Set Requesting Interval(mm) of [Scheduled Transmission] #● within the range of 0 to 50 seconds, at intervals of 10 seconds.

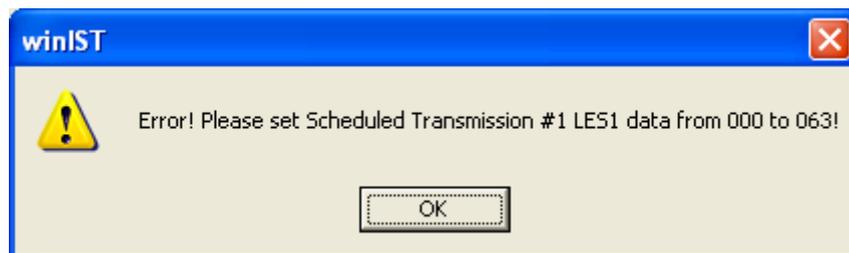


Fig. 4-17-2h LES 1 data setting error dialogue box

- Error! Please set [Scheduled Transmission] #● LES1 data from 000 to 063!

Response: Set LES No. to 1st box (from left) of [Scheduled Transmission] #● within the range of 000 to 063.

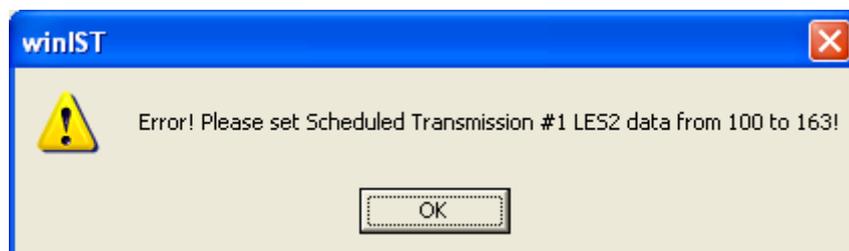


Fig. 4-17-2i LES 2 Data setting error dialogue box

- Error! Please set [Scheduled Transmission] #● LES2 data from 100 to 163!

Response: Set LES No. to 1st box (from left) of [Scheduled Transmission] #● within the range of 100 to 163.

NOTE

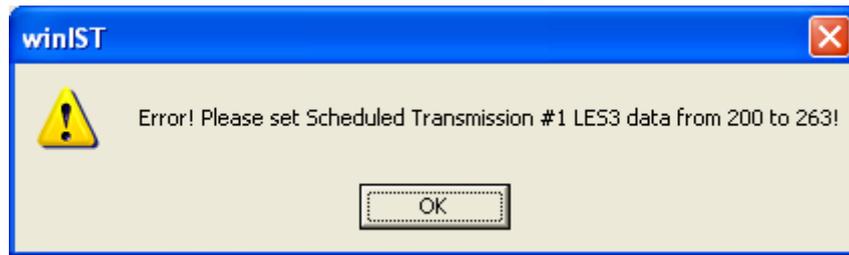


Fig. 4-17-2j LES 3 data setting error dialog box

- Error! Please set [Scheduled Transmission] #● LES3 data from 200 to 263!

Response: Set LES No. to 3rd box (from left) of [Scheduled Transmission] #● within the range of 200 to 263.

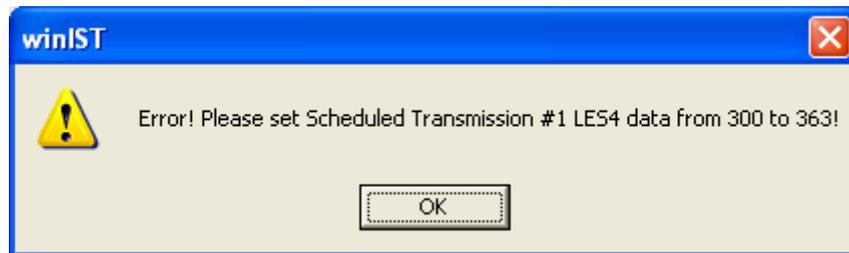


Fig. 4-17-2k LES 4 data setting error dialog box

- Error! Please set [Scheduled Transmission] #● LES4 data from 300 to 363!

Response: Set LES No. to 4th box (from left) of [Scheduled Transmission] #● within the range of 300 to 363.

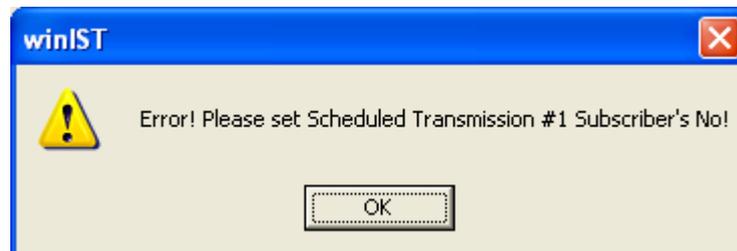


Fig. 4-17-2l Subscriber's No. & [Destination Code] setting error dialog box

- Error! Please set [Scheduled Transmission] #● Subscriber's No.!

Response: Set the subscriber's No. of SSAS Schedule #●, Input subscriber's No. to 1st box (from left) within the range of 0 to 999.

Input subscriber's No. to 2nd box (from left) :

by 11-digit figure or less when Network Type is Telex.

by 10-digit figure or less when Network Type is PSDN.

by 12-digit figure or less when Network Type is PSTN or Facsimile.

by 5-digit figure or less when Network Type is Closed Net.

or by alphanumeric character 6 character or less when Special Access or E-mail is selected.

NOTE

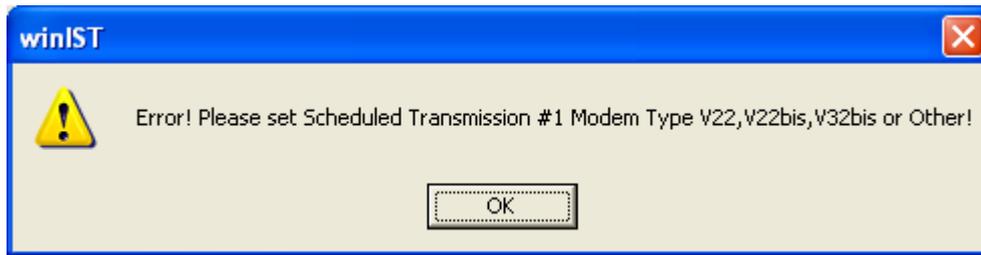


Fig. 4-17-2m Modem Type data setting error dialogue box

- Error! Please set [Scheduled Transmission] #● Modem Type V22,V22bis,V32bis or Other!

Response: Select Modem Type of [Scheduled Transmission] #● from V22,V22bis,V32bis, and Other.

Set the character strings, which has one alphabet head and 3-digit figure, to the box right side of button.

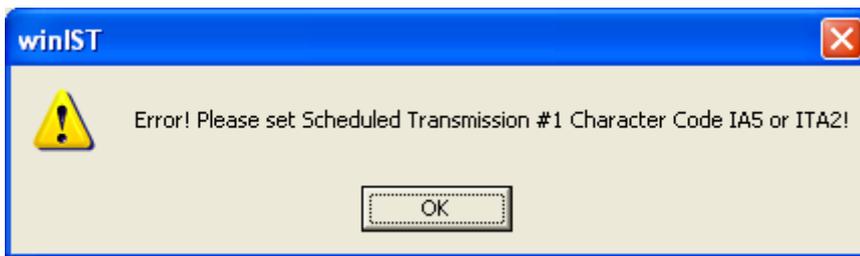


Fig. 4-17-2n [Character Code] data setting error dialogue box 1

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or ITA2!

Response: Set [Character Code] of [Scheduled Transmission] #● from IA5 or ITA2.

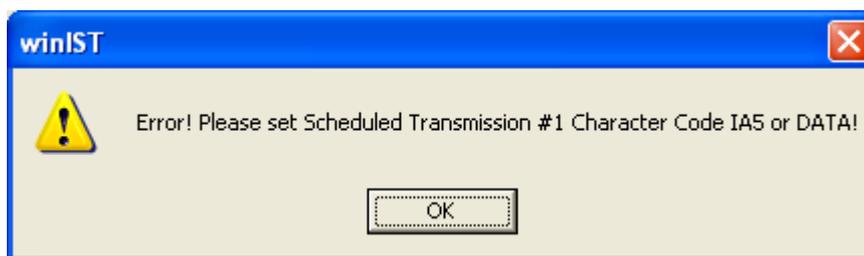


Fig. 4-17-2o [Character Code] data setting error dialogue box 2

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or DATA!

Response: Set [Character Code] of [Scheduled Transmission] #● from IA5 or DATA.

NOTE

3. Following dialogue box is displayed after clicking [SET] button, when winIST failed to write the data to INMARSAT terminal.



Fig. 4-17-2p Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-17-2a [Scheduled Transmission] screen** cannot be operated.)

4-18 SSAS Schedule Confirmation / Setting (Available for GM/SSAS model)

Confirmation and setting of SSAS Alart transmission schedule can be done in SSAS Schedule screen.

4-18-1 SSAS Schedule Confirmation(Available for GM/SSASmodel)

Step 1. Click [Scheduled Transmission] in [MENU LIST]. Then following screen is displayed.

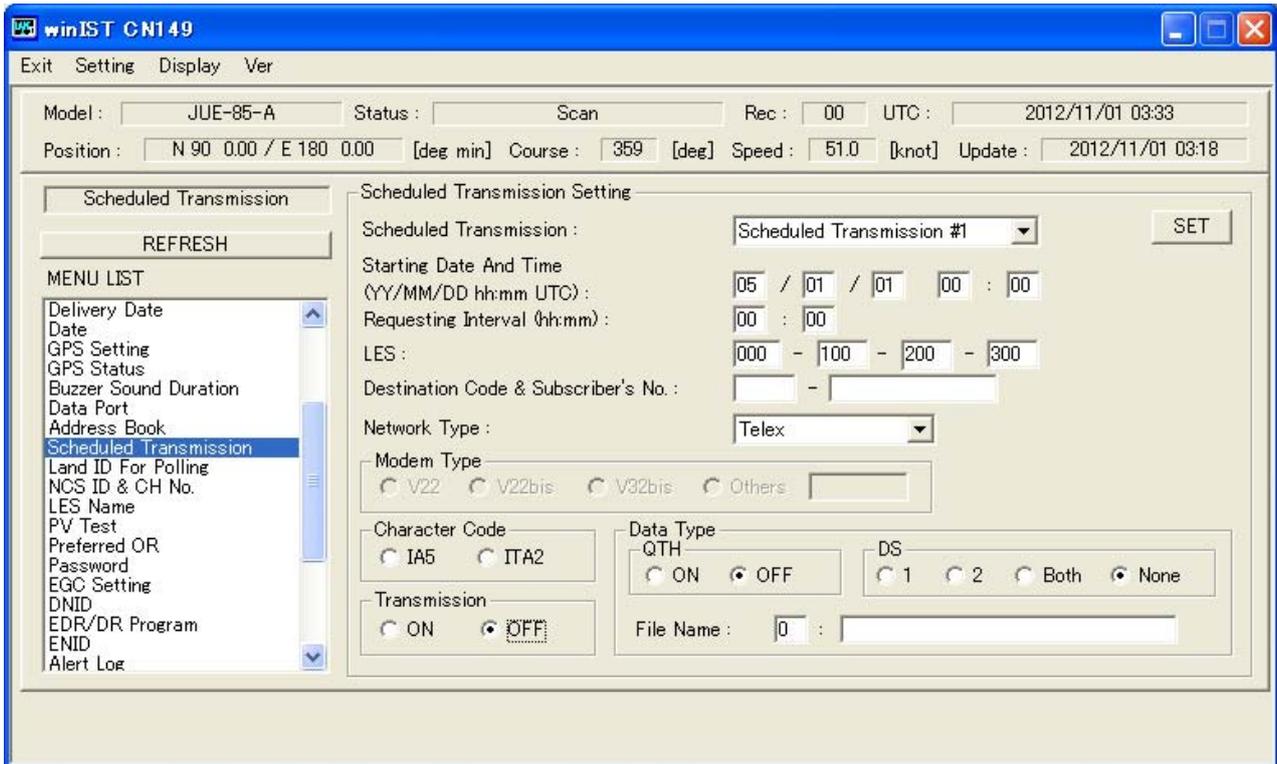


Fig. 4-18-1a [Scheduled Transmission] screen

Step 2. Press Ctrl+F10 key after the data of [Scheduled Transmission] is displayed on Scheduled Transmission screen.

Step 3. Below window is displayed. Then, enter 4-digit password and click [OK] button.

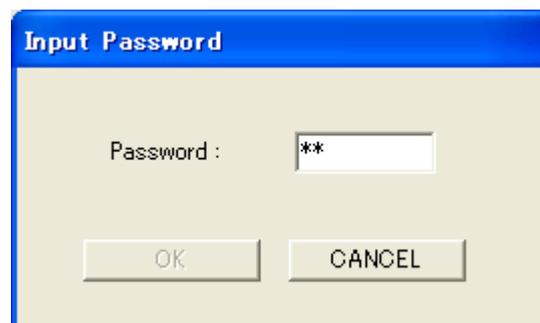


Fig. 4-18-1b Input Password screen

Step 4. Below SSAS Schedule screen is displayed when correct password is entered.

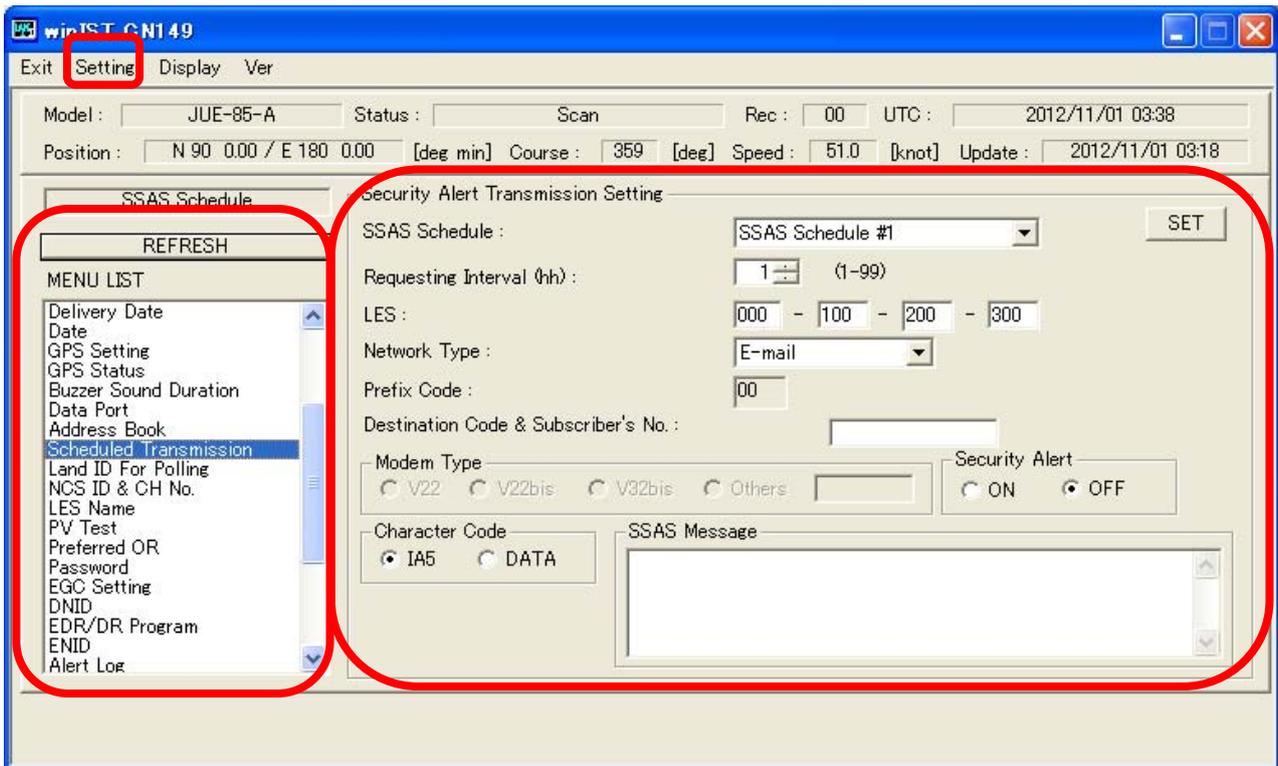


Fig. 4-18-1c SSAS Schedule screen

Step 5. Select SSAS Schedule you want to set from SSAS Schedule #1 to #5.

Step 6. Confirm below outlined data in above screen.

- Requesting Interval
- LES
- [Destination Code] & [Subscriber's No.]
- Network Type
 - E-Mail
 - Telex
 - PSTN
 - Facsimile
 - PSDN
 - Closed Net
 - Special Access
- Security Alert ON/OFF
- SSAS Message
- Character Code

***When Network Type is Telex**

- IA5
- ITA2

※When Network Type is except Telex

- IA5
- DATA

***When Network Type is PSTN**

■ Modem Type

- V22
- V22bis
- V32bis

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-18-1c SSAS Schedule screen** cannot be operated.)

4-18-2 SSAS Schedule Setting (Available for GM/SSAS)

Step 1. Click [Scheduled Transmission] on [MENU LIST], then [Scheduled Transmission] screen is opened.

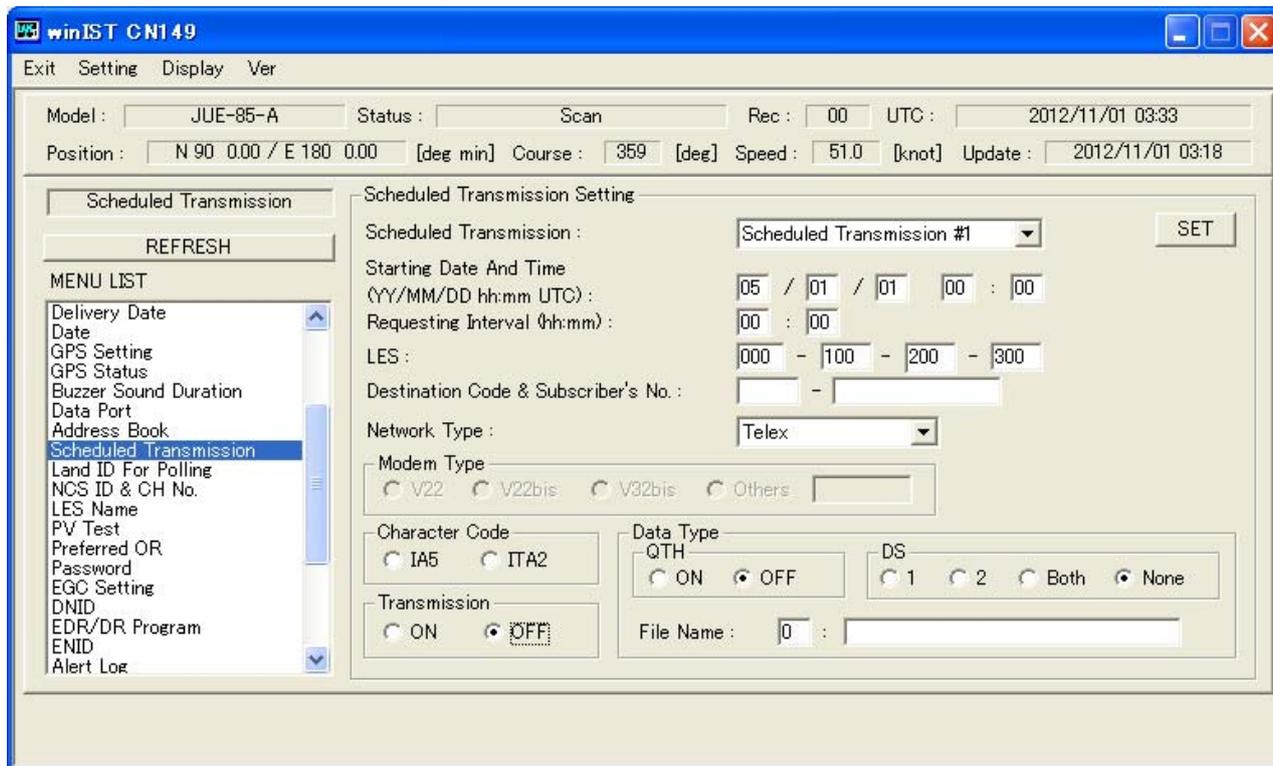


Fig. 4-18-2a [Scheduled Transmission] display window

Step 2. Press [Ctrl]+[F10] key after the data of [Scheduled Transmission] is displayed in Scheduled Transmission screen.

Step 3. Following window is displayed. Then, input 4-digit password and click [OK] button.



Fig. 4-18-2b Input Password window

Step 4. Following SSAS Schedule screen is displayed when correct password is entered.

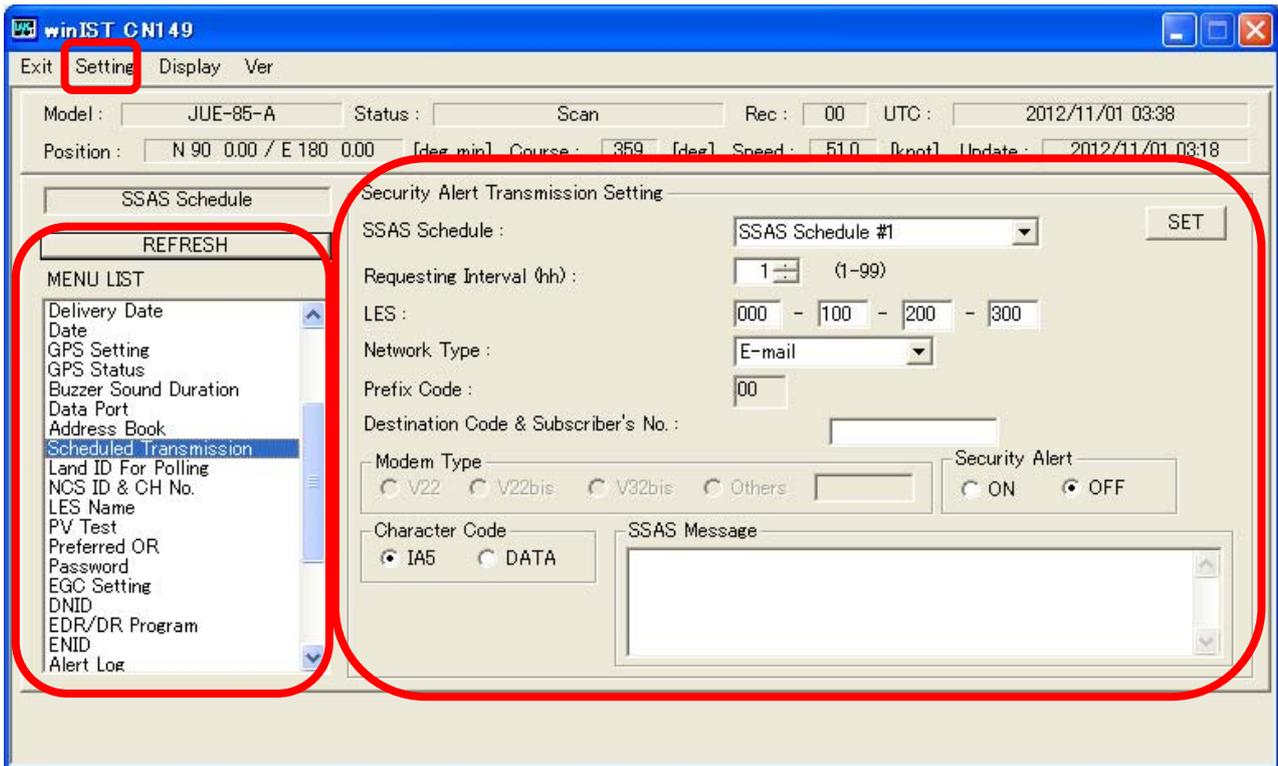


Fig. 4-18-2c SSAS Schedule screen

Step 5. Select SSAS Schedule you want to set from SSAS Schedule #1 to #5.

Step 6. Input Requesting Interval within the range of 0 to 99.

Step 7. Input LES No.

Input LES No. to 1st box (from left) within the range of 000 to 063.

Input LES No. to 2nd box (from left) within the range of 100 to 163.

Input LES No. to 3rd box (from left) within the range of 200 to 263.

Input LES No. to 4th box (from left) within the range of 300 to 363.

Step 8. Select Network Type from following seven choices.

- E-mail
- Telex
- PSTN
- Facsimile
- PSDN
- Closed Net
- Special Access

※When E-mail or Special Access is selected to Network Type

Step 9 Input [Destination Code] and [Subscriber's No.] by alphabet (capital letter and small letter), 6 characters or less.

Step 10 Select [Character Code] from following choices.

- IA5
- DATA

Step 11. Set [Security Alert] ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 characters or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Telex is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]

Input [Destination Code] to 1st box (from left) within the range of 0 to 999.

Input [Subscriber's No.] to 2nd box (from left) by 11-digit figure.

Step 11. Select [Character Code] from following 2 choices.

- IA5
- ITA2

Step 12. Setup Security Alert ON/OFF.

Step 13. Input SSAS Message by one-byte character, 512 characters or less.

Step 14. Repeat the procedure from No.5 to No.13 when you edit other SSAS Scheduled data.

Step 15. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

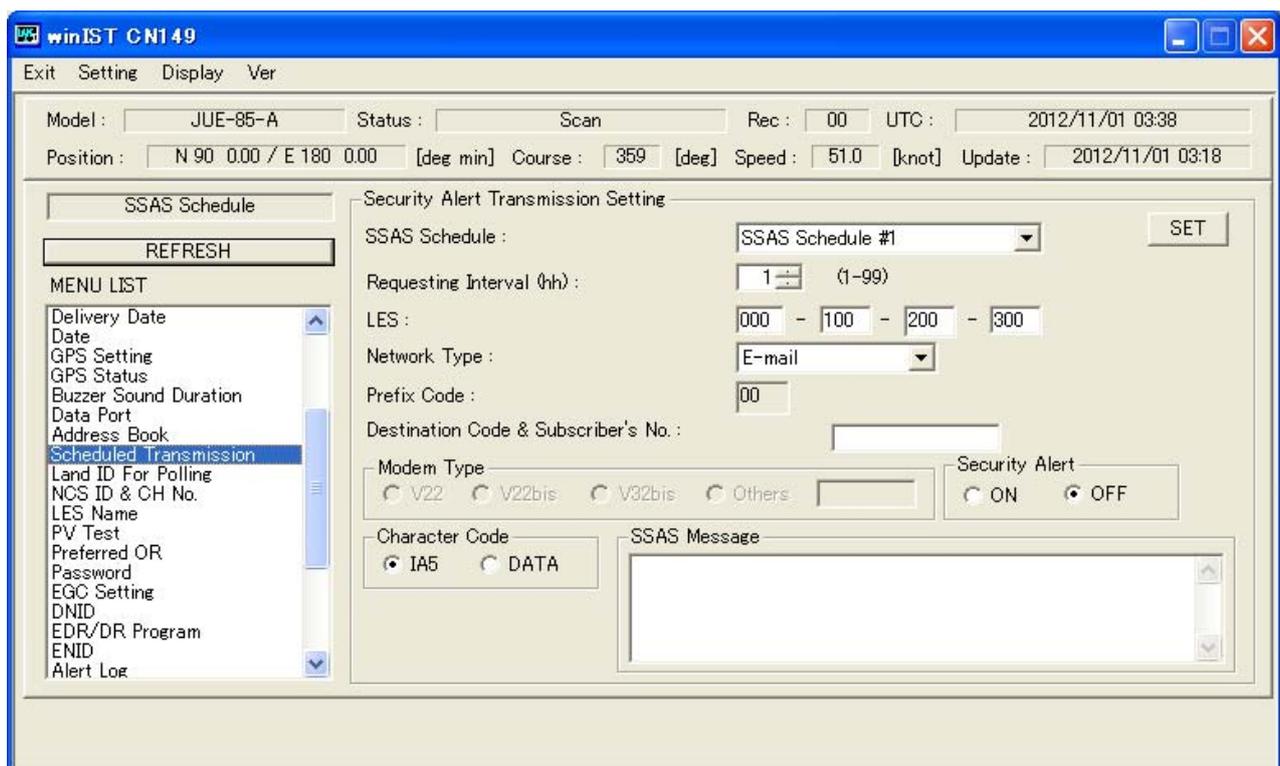


Fig. 4-18-2d SSAS Schedule screen (Telex selected)

※When PSTN is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]

[Destination Code] to 1st box (from left) within the range of 0 to 999.

[Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 11. Select Modem Type from following 4 choices.

- V22
- V22bis
- V32bis
- Others

※Input character string, one alphabet and 3-digit figures when Others is selected.

Step 12. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 13. Setup Security Alert ON/OFF.

Step 14. Input SSAS Message by one-byte character, 512 characters or less.

Step 15. Repeat the procedure from No.5 to No.14 when you edit other SSAS Scheduled data.

Step 16. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Facsimile is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]:

[Destination Code] to 1st box (from left) within the range of 0 to 999.

[Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 11. Select [Character Code] from following 2 choices:

- IA5
- DATA

Step 12. Setup Security Alert ON/OFF.

Step 13. Input SSAS Message by one-byte character, 512 characters or less.

Step 14. Repeat the procedure from No.5 to No.13 when you edit other SSAS Scheduled data.

Step 15. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When PSDN is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.].

[Destination Code] to 1st box (from left) within the range of 0 to 9999.

[Subscriber's No.] to 2nd box (from left) by 10-digit figure.

Step 11. Setup SSAS Schedule ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 character or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Closed Net is selected to Network Type

Step 9 Input [Destination Code] and [Subscriber's No.] by 5 digit or less.

Step 10. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 11. Setup SSAS Schedule ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 character or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

NOTE

1. All data of SSAS Scheduled #1~#5 are written into INMARSAT terminal when [SET] button is pressed.
2. The data cannot be set when winIST failed to receive the data.
3. Following dialogue box is displayed when incorrect data is input and [SET] button is pressed.
Correct the data with referring below outlined Responses.
(● means No. 1 to 5 of SSAS Schedule.)

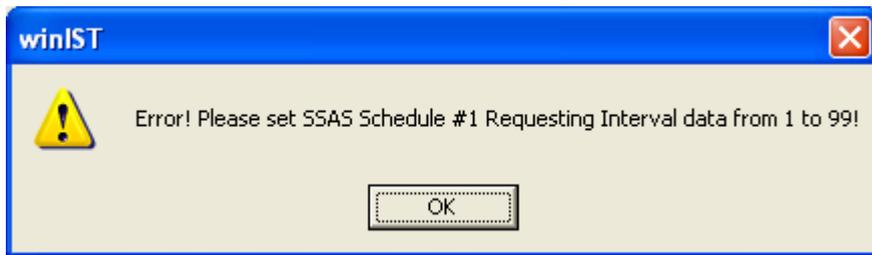


Fig. 4-18-2d Requesting Interval setting error dialogue box

- Error! Please SSAS Schedule #● Requesting Interval data from 1 to 99!!
- Response:** Setup the setting value of Requesting Intertval of SSAS Schedule #●, within the range of 1 to 99.

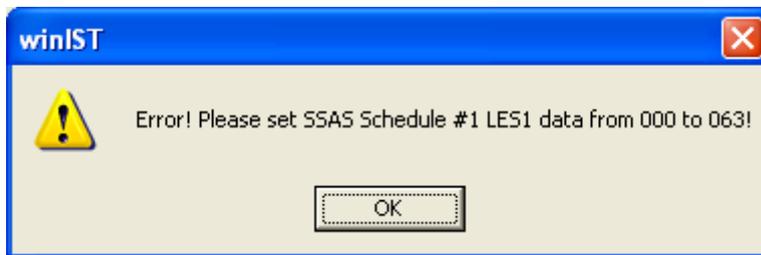


Fig. 4-18-2e LES 1 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES1 data from 000 to 063!
- Response:** Set the LES No. to 1st box (from left) of SSAS Schedule #●, within the range of 000 to 063.

NOTE

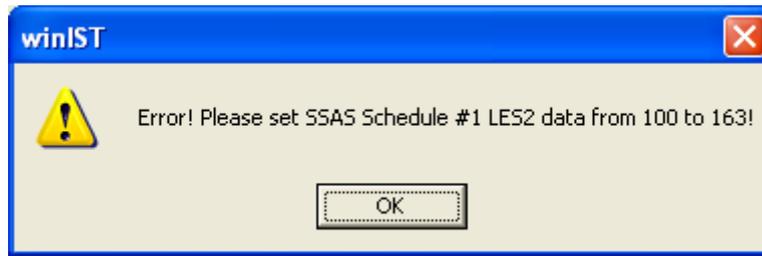


Fig. 4-18-2f LES 2 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES2 data from 100 to 163!
Response: Set the LES No. to 2nd box (from left) of SSAS Schedule #●, within the range of 100 to 163.

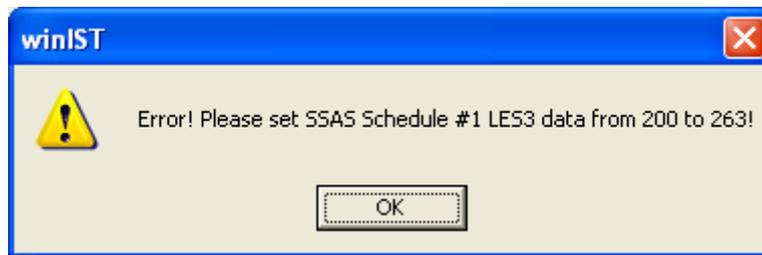


Fig. 4-18-2g LES 3 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES3 data from 200 to 263!
Response: Set the LES No. to 3rd box (from left) of SSAS Schedule #●, within the range of 200 to 263.

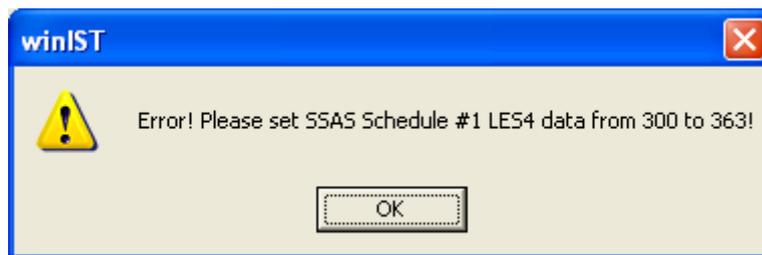


Fig. 4-18-2h LES 4 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES4 data from 300 to 363!
Response: Set the LES No. to 4th box (from left) of SSAS Schedule #●, within the range of 300 to 363.

NOTE

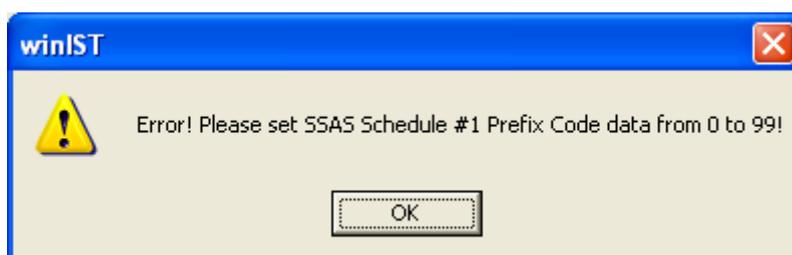


Fig. 4-18-2j Prefix Code data setting error dialogue box

- Error! Please set SSAS Schedule #● Prefix Code data from 0 to 99!

Response: Set the Prefix Code of SSAS Schedule #●, within the range of 0 to 99.

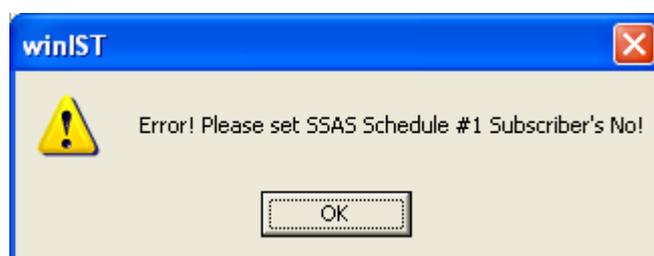


Fig. 4-18-2j Subscriber's No. setting error dialogue box

- Error! Please set SSAS Schedule #● Subscriber's No.!

Response: Set the subscriber's No. of SSAS Schedule #●,

Input subscriber's No. to 1st box (from left) within the range of 0 to 999.

Input subscriber's No. to 2nd box (from left) :

by 11-digit figure or less when Network Type is Telex.

by 10-digit figure or less when Network Type is PSDN.

by 12-digit figure or less when Network Type is PSTN.

by 5-digit figure or less when Network Type is Closed Net.

or by alphanumeric character 6-digit or less when Special Access or E-mail is selected.

NOTE



Fig. 4-18-2k Modem Type data setting error dialogue box

- Error! Please set SSAS Schedule#● Modem Type V22,V22bis,V32bis or Other!

Response: Select Modem Type of SSAS Schedule #● from V22,V22bis,V32bis, and Other.
Set the name of Modem Type to the box right side of button, by alphabet and figure.

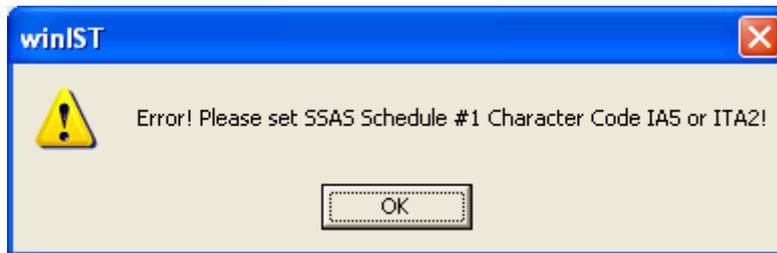


Fig. 4-18-2l [Character Code] data setting error dialogue box 1

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or ITA2!

Response: Select [Character Code] of SSAS Schedule #● from IA5 or ITA2.

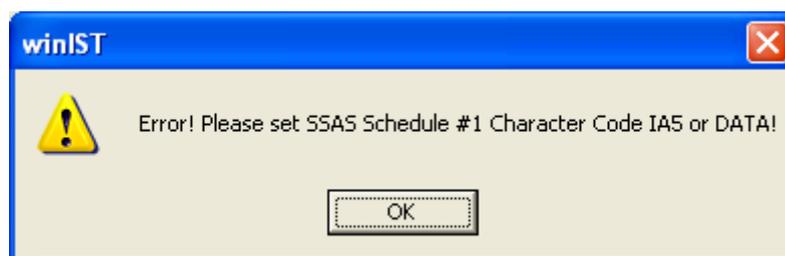


Fig. 4-18-2m [Character Code] data setting error dialogue box 2

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or DATA!

Response: Select [Character Code] of SSAS Schedule #● from IA5 and DATA.

NOTE

4. Following dialogue box is displayed after clicking [SET] button, when winIST failed to write the data to INMARSAT terminal.



Fig. 4-18-2n Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
5. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-18-2c SSAS Schedule screen** cannot be operated.)

4-19 [Land ID For Polling] Confirmation / Setting

Confirmation and setting of ID information of LES can be done on [Land ID For Polling] screen.

4-19-1 [Land ID For Polling] Confirmation

Step 1. Click [Land ID For Polling] in [MENU LIST], then following screen is displayed.

(Click [Land ID For Polling] of [MENU LIST] again or click [Refresh] button to renew [Land ID For Polling] data again.)

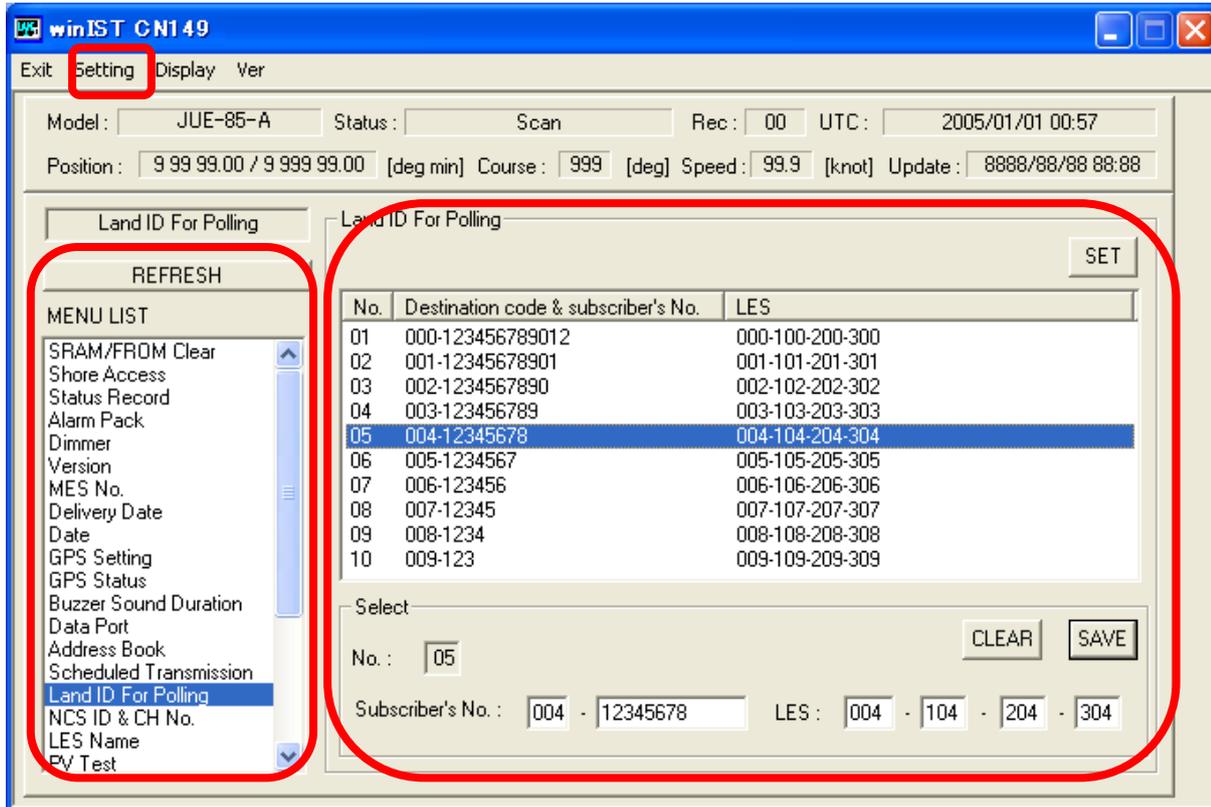


Fig. 4-19-1 [Land ID For Polling] screen

Step 2. Confirm following data on above screen.

- Destination Code & Subscriber's No.
- LES

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-19-1 [Land ID For Polling] screen** cannot be operated).

4-19-2 [Land ID For Polling] Setting

- Step 1. Click [Land ID For Polling] in [MENU LIST], then following screen is displayed.
- Step 2. Select the No. of [Land ID For Polling] from the list. Then detailed information is displayed in Select frame.
- Step 3. Click [CLEAR] button when you want to clear current setting value.
- Step 4. Input [Subscriber's No.]:
[Destination Code] to 1st box (from left) within the range of 0 to 999.
Subscriber's No. to 2nd box (from left) by 12-digit figure.
- Step 5 Input LES No.
Into 1st box (from left) within the range of 000 to 063.
Into 2nd box (from left) within the range of 100 to 163.
Into 3rd box (from left) within the range of 200 to 263.
Into 4th box (from left) within the range of 300 to 363.
- Step 6. Click [SAVE] button when you want to reflect setting data to the list of [Land ID For Polling].
- Step 7. Carry out procedure 2 to 6 again when you want to edit other No.
- Step 8. Click [SET] button to write the data to INMARSAT terminal.

NOTE

1. The data is not set to INMARSAT terminal when [SAVE] button is clicked.
The function of [SAVE] button only displays data to the list on PC screen. Data is not written into INMARSAT terminal unless [SET] button is clicked.
- 2. All the data of [Land ID For Polling] are set when [SET] button is pressed.**
3. Data cannot be set when the data reception is failed.
4. Following dialogue box is displayed after [SAVE] button is clicked, when input data is incorrect.
Correct setting data with referring Response.



Fig. 4-19-2a [Destination ID] setting error dialogue box

Response: Set [Destination Code] to 1st box (from left) within the range of 0 to 999.

NOTE



Fig. 4-19-2b [Subscriber's No.] setting error dialogue box

Response: Set [Subscriber's No.] to 2nd box (from left) by 12-digit figure.



Fig. 4-19-2c [LES ID 1] setting error dialogue box

Response: Set LES No. to 1st box (from left) within the range of 000 to 063.



Fig. 4-19-2d [LES ID 2] setting error dialogue box

Response: Set LES No. to 2nd box (from left) within the range of 100 to 163.



Fig. 4-19-2e [LES ID 3] setting error dialogue box

NOTE

Response: Set LES No. to 3rd box (from left) within the range of 200 to 263.



Fig. 4-19-2f [LED ID 4] setting error dialogue box

Response: Set LES No. to 4th box (from left) within the range of 300 to 363.

5. Following dialogue box is displayed after clicking [SET] button, when winIST fails to write the data into INMARSAT terminal.



Fig. 4-19-2g Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
6. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-19-2 [Land ID For Polling] screen** cannot be operated.)

4-20 [NCS ID & CH No.] Confirmation / Setting

4-20-1 [NCS ID & CH No.] Confirmation

Step 1. Click [NCS ID & CH No.] in [MENU LIST], then following screen is displayed.

(Click [NCS ID & CH No.] of [MENU LIST] again or click [Refresh] button to renew [NCS ID & CH No.] data again.)

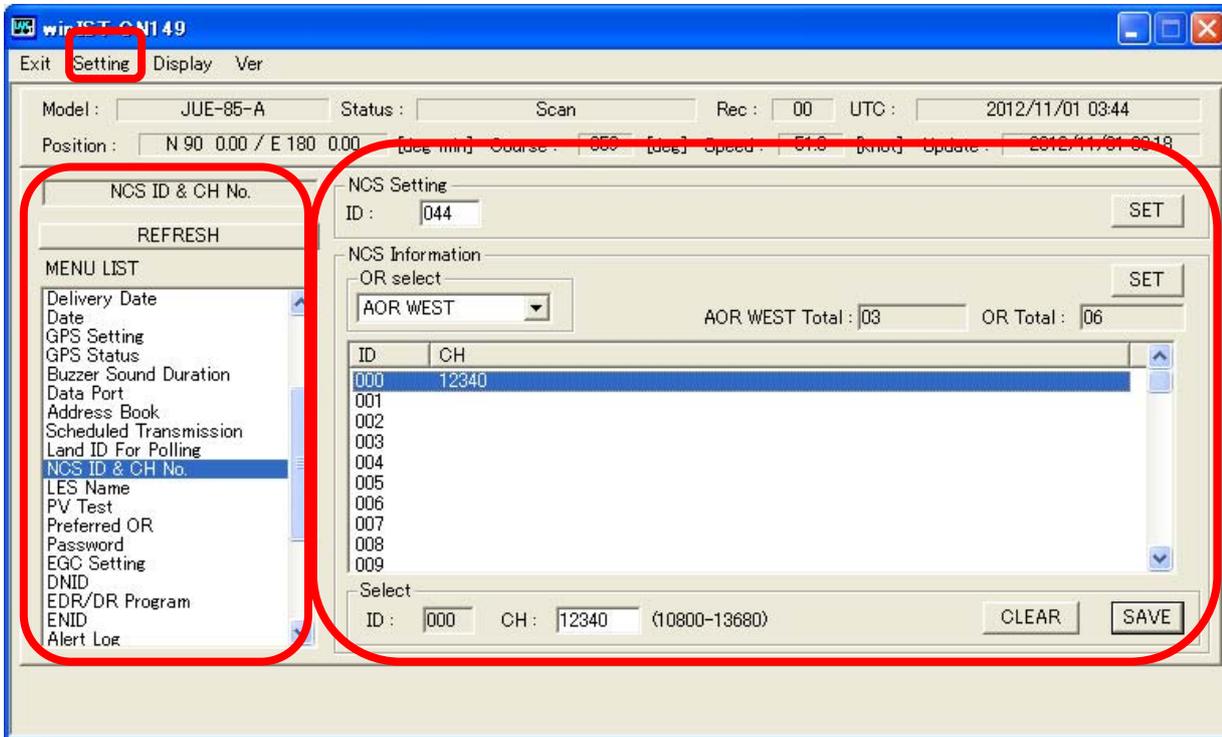


Fig. 4-20-1 [NCS ID & CH No.] screen

Step 2. Confirm the data of NCS ID on above screen.

Step 3. Select the OR you want to confirm at the column of OR select of NCS Information, from following 4 choices.

- AOR WEST
- AOR EAST
- POR
- IOR

Step 4. Confirm [CH on NCS No.] list.

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

1. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-20-1 [NCS ID & CH No.] screen** cannot be operated.)

4-20-2 [NCS ID & CH No.] Setting

Step 1. Click [NCS ID & CH No.] in [MENU LIST] to open the [NCS ID & CH No.] screen.

To set NCS ID

Step 2. Set ID to NCS Setting column, within the range of 0 to 63, 100 to 163, 200 to 263, or 300 to 363.

Step 3. Click [SET] button.

Step 4. Set ID to the column of NCS Setting, within the range of 0 to 63, 100 to 163, 200 to 263, 300 to 363.

Step 5. Click [SET] button.

To set NCS CH No.

Step 2. Select OR Select you want to set from following 4 choices.

- AOR WEST (ID 0 to 63)
- AOR EAST (ID 100 to 163)
- POR (ID 200 to 263)
- IOR (ID 300 to 363)

Step 3. Select the ID in the list. Updated information is displayed in the frame of Select.

Step 4. Click [CLEAR] button when you want to clear current setting value.

Step 5. Input even number to CH within the range of 10800 to 13680.

Step 6. Click [SAVE] button when you want to reflect the data on the list.

Step 7. Carry out procedure of 2 to 6 again when you want to set other CH data continuously.

Step 8. Click [SET] button to write the data to INMARSAT, with confirming that Status column is displayed [Ready] or [Log-out], after setting is completed.

NOTE

1. [NCS ID & CH No.] can be set only when the Status of INMARSAT is [Ready] or [Log-out].

It is not possible to set it in other status.

2. The data is not set to INMARSAT terminal when [SAVE] button is clicked.

The function of [SAVE] button is only displays data to the list in PC screen. Data is not written into INMARSAT terminal unless [SET] button is clicked.

3. All the data of NCS Information are set when [SET] button is clicked.

4. Data cannot be set when the data reception is failed.

NOTE

5. Following window is displayed when you select ID with empty CH column when OR Total is displayed as 81.

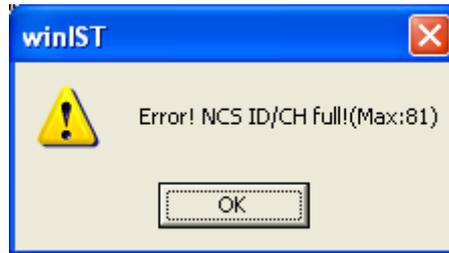


Fig. 4-20-2a NCS Channel setting cases over error dialog box

This window warns that NCS ID can be set less than 81 cases. Clear or save unnecessary CH setting when you want to set ID to empty ID column and setup again.

6. Following dialogue box is displayed after [SET] button is clicked, when input data is incorrect. Correct setting data with referring Response.

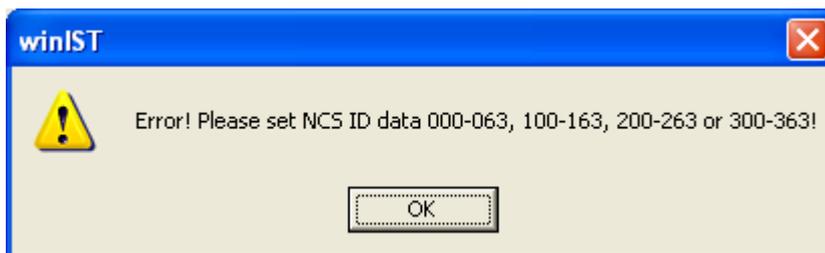


Fig. 4-20-2b NCS ID setting error dialog box

Response: Set ID of NCS Setting within the range of 0 to 63, 100 to 163, 200 to 263, or 300 to 363.

7. Following dialogue box is displayed after [SAVE] button is clicked, when input data is incorrect. Correct setting data with referring Response.

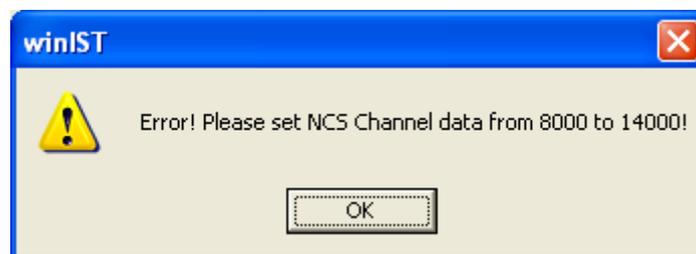


Fig. 4-20-2c NCS ID setting error dialog box

Response: Set CH setting value of NCS Information within the range of 10800 to 13680.

NOTE



Fig. 4-20-2d NCS Channel setting error dialogue box

Response: Set CH setting value of NCS Information by even number.

8. Following dialogue box is displayed after clicking [SET] button, when winIST failed to write the data to INMARSAT terminal,



Fig. 4-20-2e Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by the lightning of POWER-LED of IME.

9 .Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-20-1a [NCS ID & CH No.] screen** cannot be operated).

4-21 [LES Name] Confirmation / Setting

4-21-1 [LES Name] Confirmation

Step 1. Click [LES Name] in [MENU LIST], then following screen is displayed

(Click [LES Name] in [MENU LIST] again or click [Refresh] button to renew the data of [LES Name] again.)

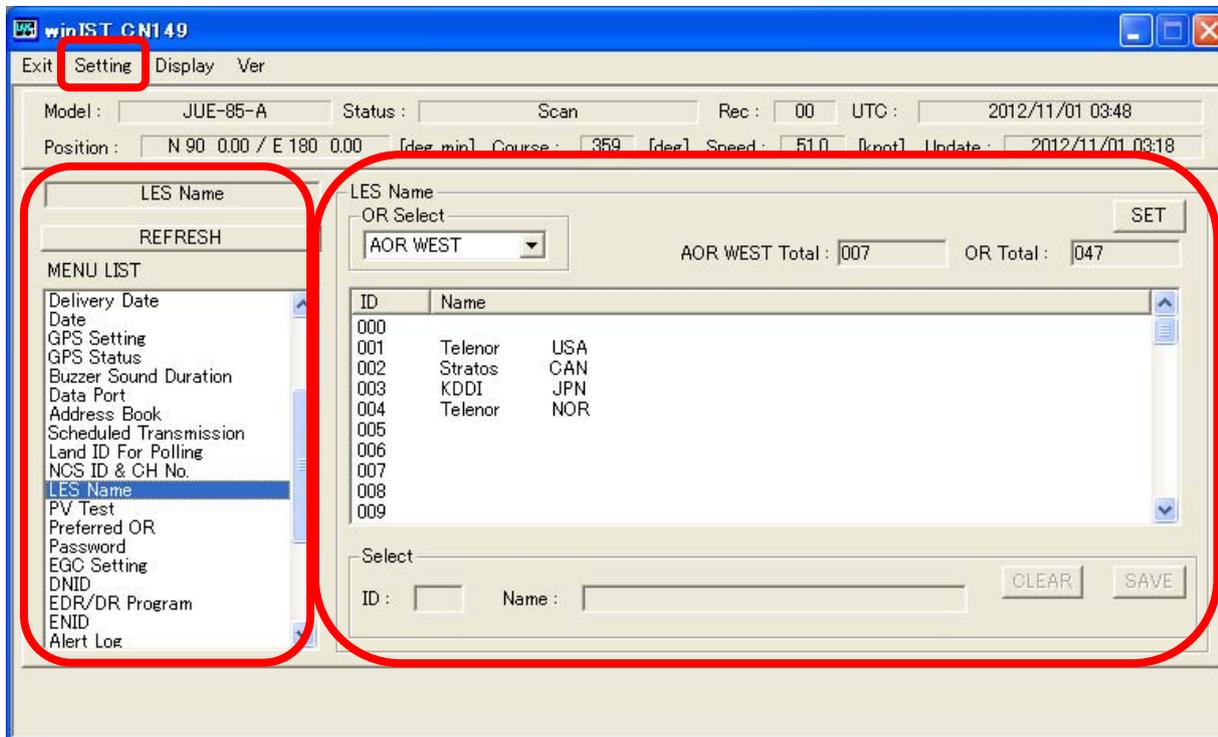


Fig. 4-21-1 [LES Name] screen

Step 2. Select [OR] you want to confirm in above screen, from following 4 choices.

- AOR WEST
- AOR EAST
- POR
- IOR

Step 3. Confirm [Name] data in [LES Name] list.

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of **Fig. 4-21-1 [LES Name] screen** cannot be operated.)

4-21-2 [LES Name] Setting

1. Click [LES Name] in [MENU LIST] to open [LES Name] screen.
2. Select OR you want to set from following 4 choices.
 - AOR WEST (ID 0 to 63)
 - AOR EAST (ID 100 to 163)
 - POR (ID 200 to 263)
 - IOR (ID 300 to 363)
3. Select ID from the list. Then detailed information of the ID is displayed in [Select] column.
4. Click [CLEAR] button when you want to clear current setting value.
5. Set 18 alphanumeric characters to [Name].
6. Click [SAVE] button when you want to reflect the data to the list.
7. Carry out procedure of 2 to 7 again, when you want to set other [LES Name] data.
8. Click [SET] button to write the data to INMARSAT terminal, when setting is completed.

NOTE

1. The data is not set to INMARSAT terminal when [SAVE] button is clicked.
The function of Save button is only displays data to the list on PC screen. Data is not written into INMARSAT terminal unless [SET] button is clicked.
2. All the data of [LES Name] are set when [SET] button is clicked.
3. Data cannot be set when the data reception is failed.
4. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked



Fig. 4-21-2 Data setting failure dialogue box

In this case, carry out following procedures, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
5. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of [LES Name] screen cannot be operated).

4-22 [PV Test] Confirmation / Execution

4-22-1 [PV Test] result Confirmation

Step 1. Click PV test in [MENU LIST].

Following screen is displayed when [MENU LIST] is clicked.

(Click PV Test of [MENU LIST] again or click [Refresh] button to renew PV Test data again.)

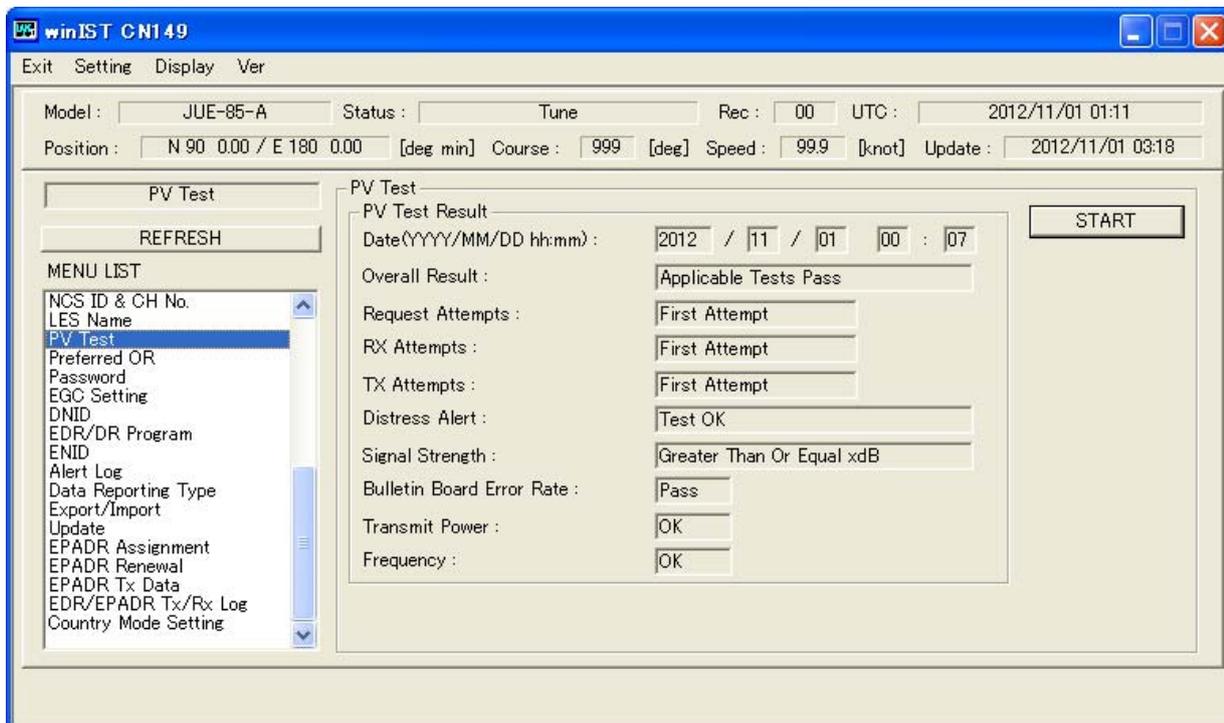


Fig. 4-22-1 PV Test screen

Step 2. Confirm the following data on above screen:

- Date(PV Test Date)
- Overall Results:
 - Applicable tests pass
 - Forward message transfer fail
 - Return message transfer fail
 - Signal unreadable
 - Signal level excessive
 - Distress alert test fail
 - Unspecified fail
- Request Attempts:
 - 3rd attempt failed,
 - 1st attempt
 - 2nd attempt
 - 3rd attempt

■ RX Attempts

- 3rd attempt failed,
- 1st attempt
- 2nd attempt
- 3rd attempt

■ TX Attempts

- 3rd attempt failed,
- 1st attempt
- 2nd attempt
- 3rd attempt

■ Distress Alert

- No Response
- Not Applicable
- Test OK
- Nature of Distress: not Default
- Null Data
- Incorrect Protocol
- Invalid Data Format
- SPARE

■ Signal Strength

- No response or unreadable
- less than XdB
- Greater than or equal XdB
- Greater than X + 3dB
- Greater than X + 6dB
- Greater than X + 10dB
- Greater than X + 13dB
- Greater than X + 16dB
- Bulletin Board Error Rate

■ Transmit Power OK/NG

■ Frequency OK/NG

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal.

4-22-2 [PV Test] Execution

Step 1. Click PV test in [MENU LIST] to open PV test screen.

Step 2. Click [START] button.

Step 3. Following window is popped-up when PV Test is completed.



Fig. 4-22-2a PV Test Completed dialogue box

NOTE

1. PV test can be set only Status of INMARSAT is [Ready] or [Log-out].

It cannot be set in the other Status.

2. Confirmation/Setting of other menu can be carried out after PV test starts.

3. Following window is displayed after clicking [SET] button, when PV test execution is failed.



Fig. 4-22-2b Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4. PV test completion is informed by dialogue box, if other menu screen is displaying.

4-23 [Preferred OR] Confirmation / Setting

Confirmation of preferred Ocean Region can be done in [Preferred OR] screen.

4-23-1 [Preferred OR] Confirmation

Step 1. Click [Preferred OR] in [MENU LIST], then following screen is displayed.

(Click [Preferred OR] again or click refresh button to renew the data of [Preferred OR] again.)

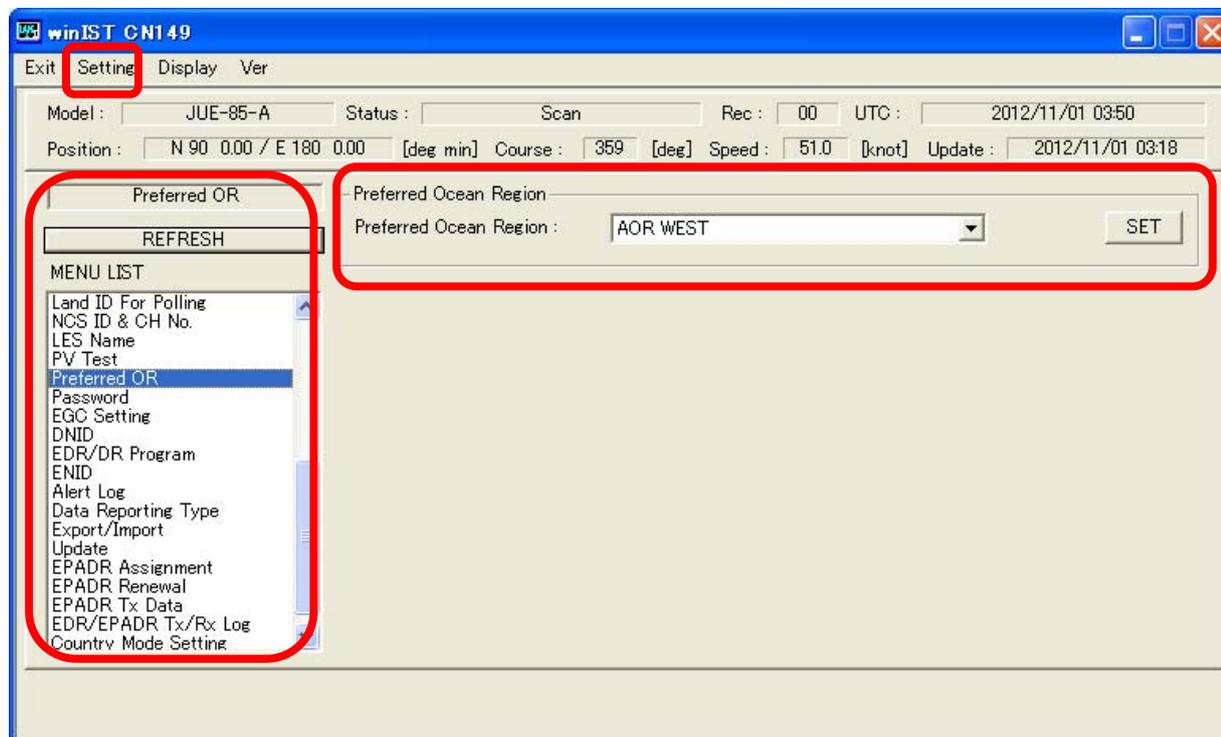


Fig. 4-23-1 [Preferred OR] screen

Step 2. Confirm [GPS Setting] on above screen.

- AOR WEST
- AOR EAST
- POR
- IOR
- All Ocean Region

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of **Fig. 4-23-1 [Preferred OR] screen** cannot be operated.)

4-23-2 [Preferred OR] Setting

Step 1. Click [Preferred OR] in [MENU LIST] to display [Preferred OR] screen.

Select [Preferred OR] from following 5 choices.

- AOR WEST
- AOR EAST
- POR
- IOR
- All Ocean Region

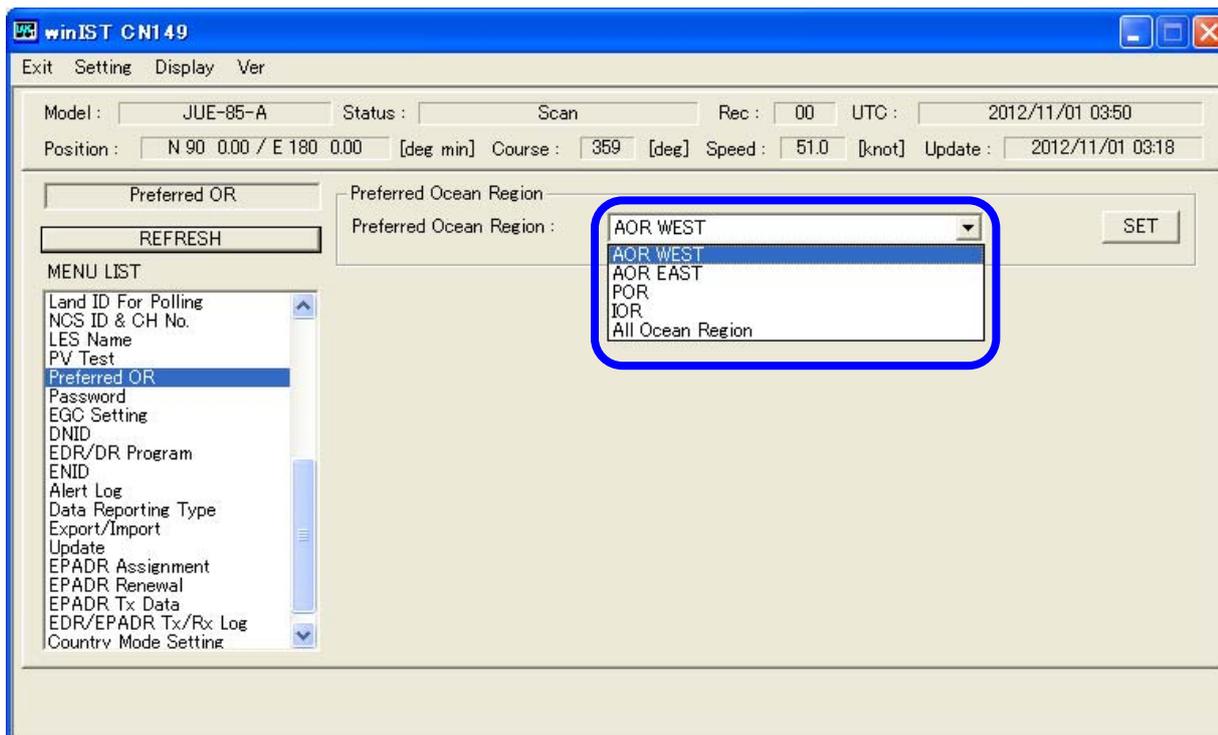


Fig. 4-23-2a [Preferred OR] Selection

Click [SET] button.

1. [Preferred OR] can be set on the status of INMARSAT. [Ready] or [Log-out] only.

It cannot be set at other status, even [SET] button is pressed.

2. The data is not set to INMARSAT terminal when [SAVE] button is clicked.

The function of Save button is only displays data to the list on PC screen. Data is not written into INMARSAT terminal unless [SET] button is clicked.

3. All the data of NCS Information are set when [SET] button is clicked.

NOTE

1. [Preferred OR] can be set on the status of INMARSAT is [Ready] or [Log-out] only.

It cannot be set in other status even [SET] button is pressed.

2. Data cannot be set when the data reception is failed.

NOTE

3. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-23-2b Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-23-2a [Preferred OR] Selection screen** cannot be operated).

4-24 [Password] Changing (Available for GM/SSAS model)

[SSAS Password] can be change on [Password] screen.

Step 1. Click [Password] in [MENU LIST], then following window is displayed.

(Click [Password] again or click refresh button to renew the data of [SSAS Password] again.)

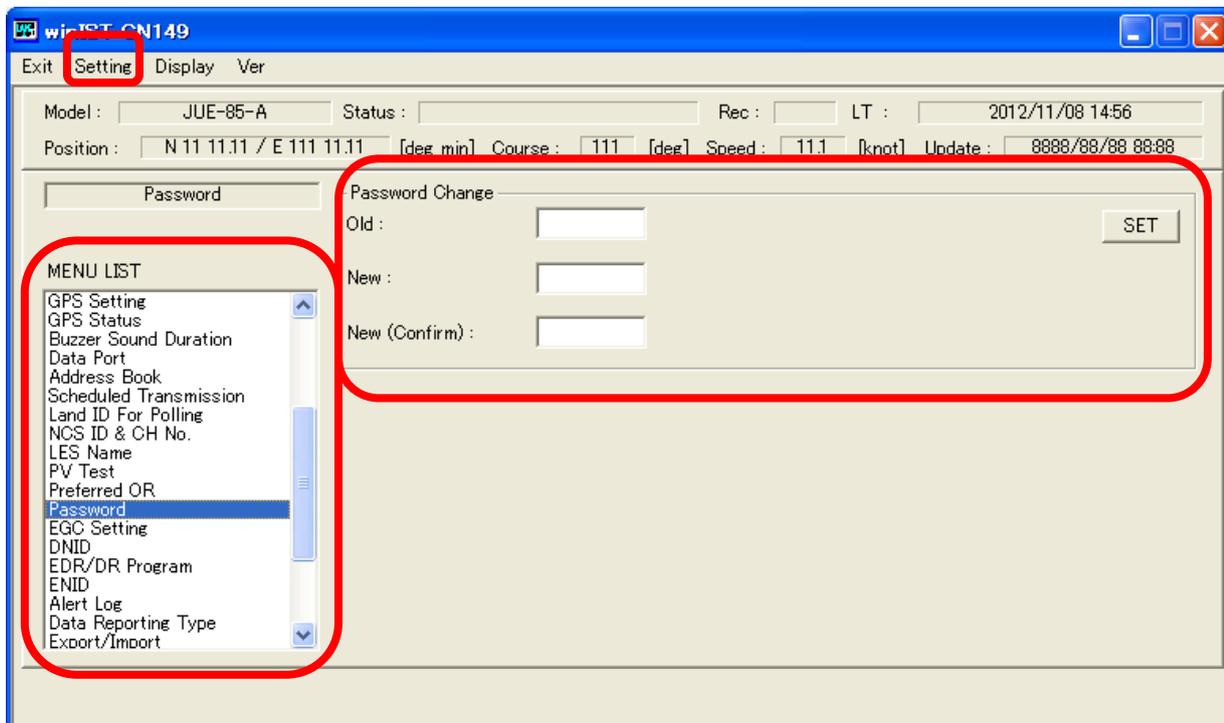


Fig. 4-24a [Password] screen

Step 2. Input current 4-digit password to Old column.

Step 3. Input new 4-digit password to New column.

Step 4. Input new 4-digit password again to New(Confirm) column.

Step 5. Click [SET] button.

NOTE

1. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-24b Data setting failure dialogue box

In this case, carry out following procedures, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of **Fig. 4-24a [SSAS Password] screen** cannot be operated).

3. Following window is displayed after [SET] button is clicked, when input data is incorrect. Correct setting data with referring Responses.



Fig. 4-24c Password input error dialogue box

Response: Fill out all columns of [SSAS Password] screen, Old, New, and New (Confirm) with 4-digit figure.

4-25 [EGC Setting] Confirmation / Setting (Available for GM/VMS model)

Confirmation and Setting of EGC reception area registration can be done on [EGC Setting] screen.

4-25-1 [EGC Setting] Confirmation (Available for GM/VMS model)

Step 1. Click [EGC Setting] in[MENU LIST], then following screen is displayed.

(Click [EGC Setting] of [MENU LIST] again or click [Refresh] button to renew [EGC Setting] data).

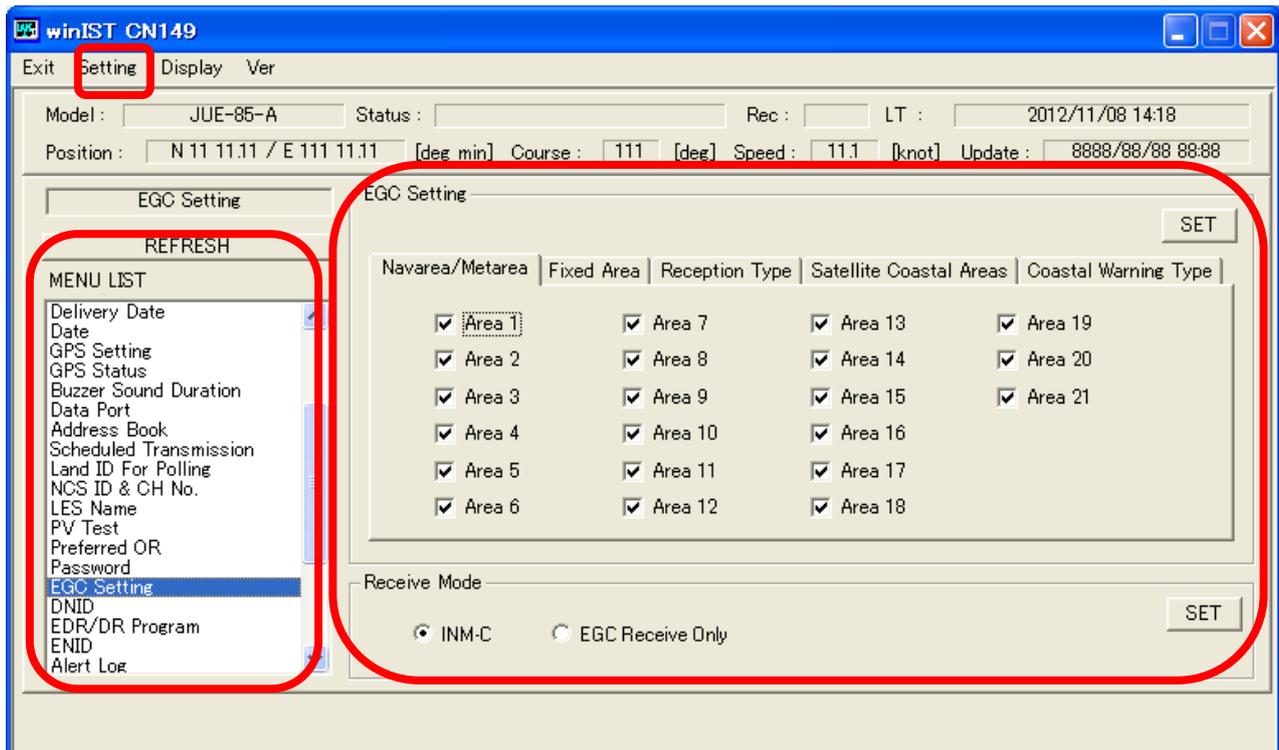


Fig. 4-25-1a [EGC Setting] screen

Step 2. Select the tab you want to confirm.

Fixed Area screen (displayed when Fixed Area is selected)

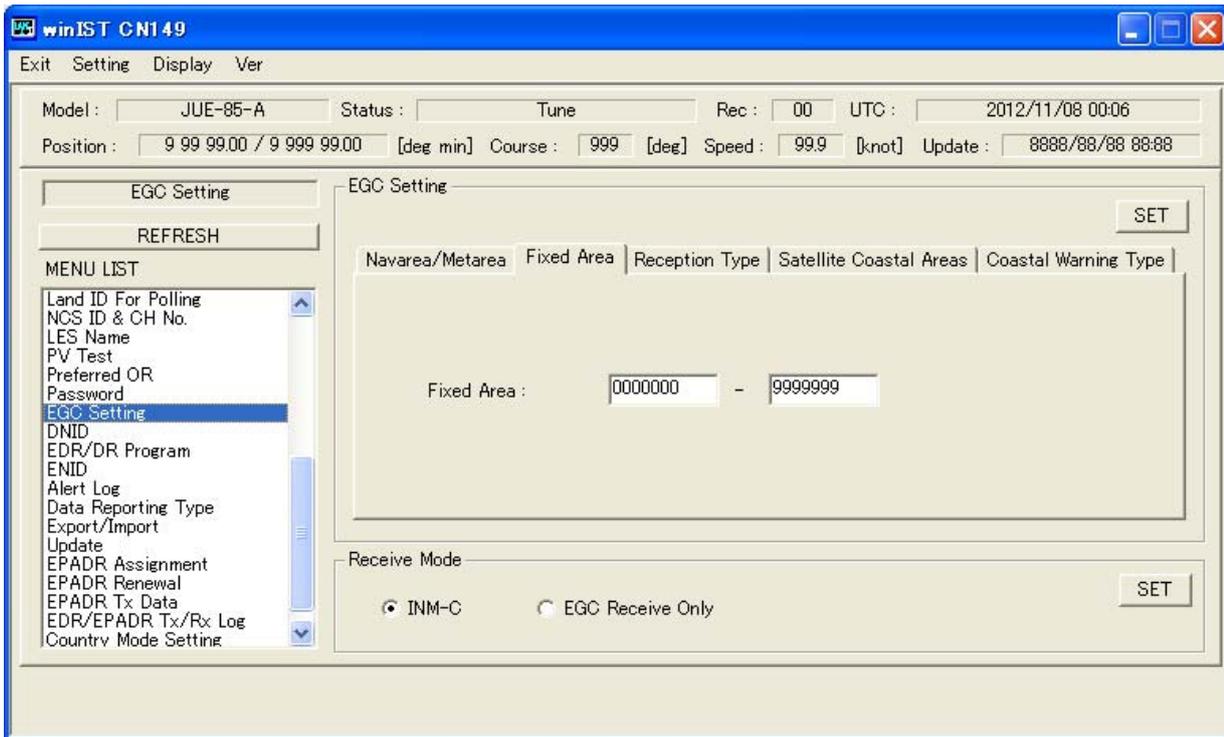


Fig. 4-25-1b Fixed Area screen

Reception Type screen (displayed when Reception Type is selected)

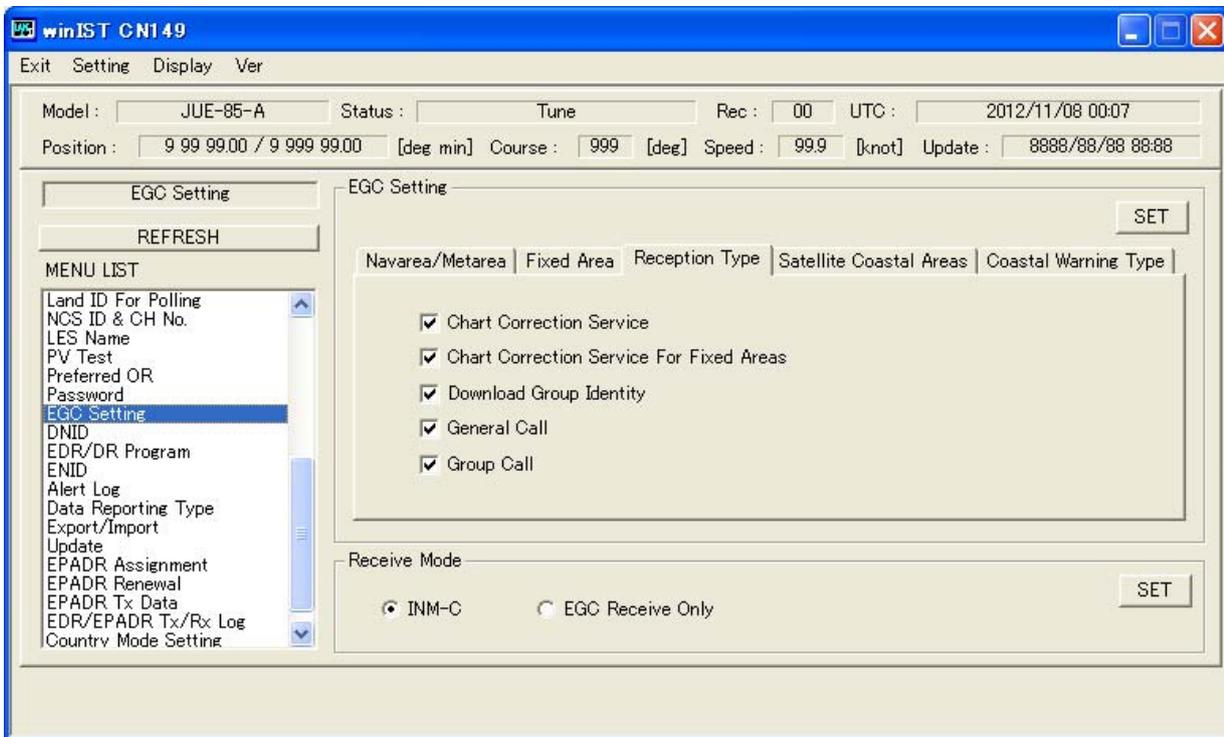


Fig. 4-25-1c Reception Type screen

Satellite Coastal Areas screen (displayed when Satellite Coastal Areas is selected)

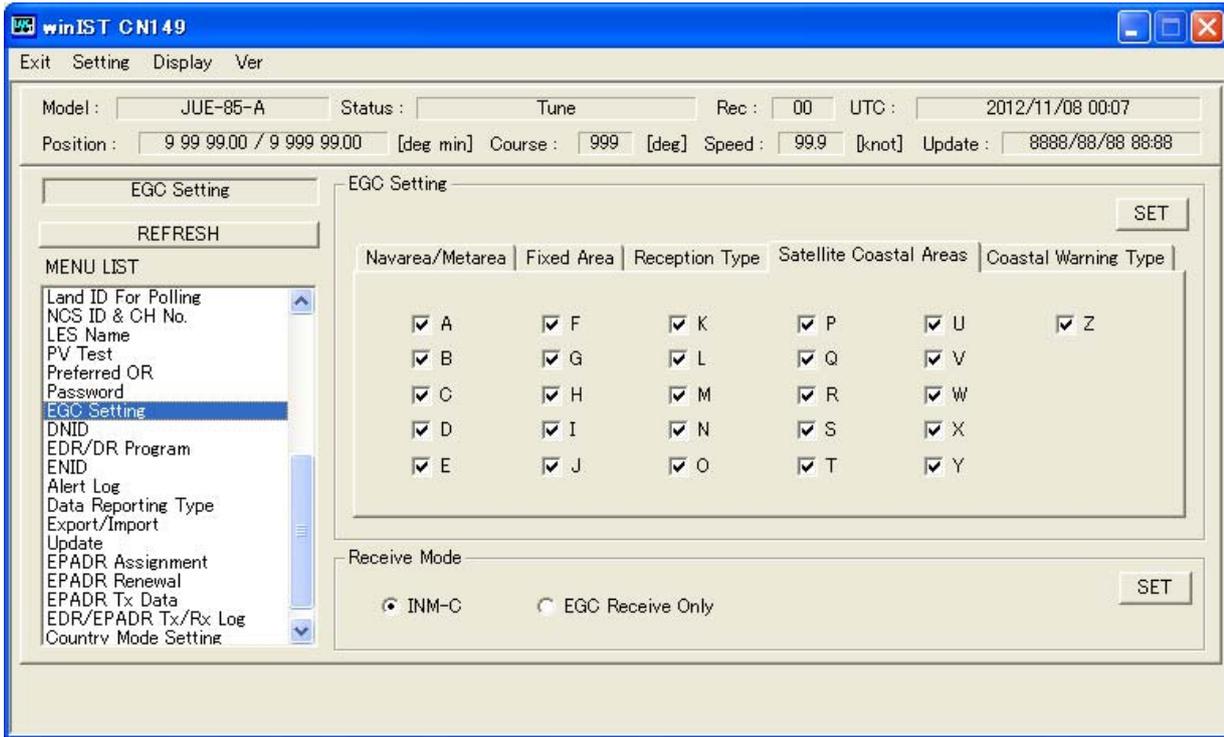


Fig. 4-25-1d Satellite Coastal Areas screen

Coastal warning type screen (displayed when Coastal warning type is selected)

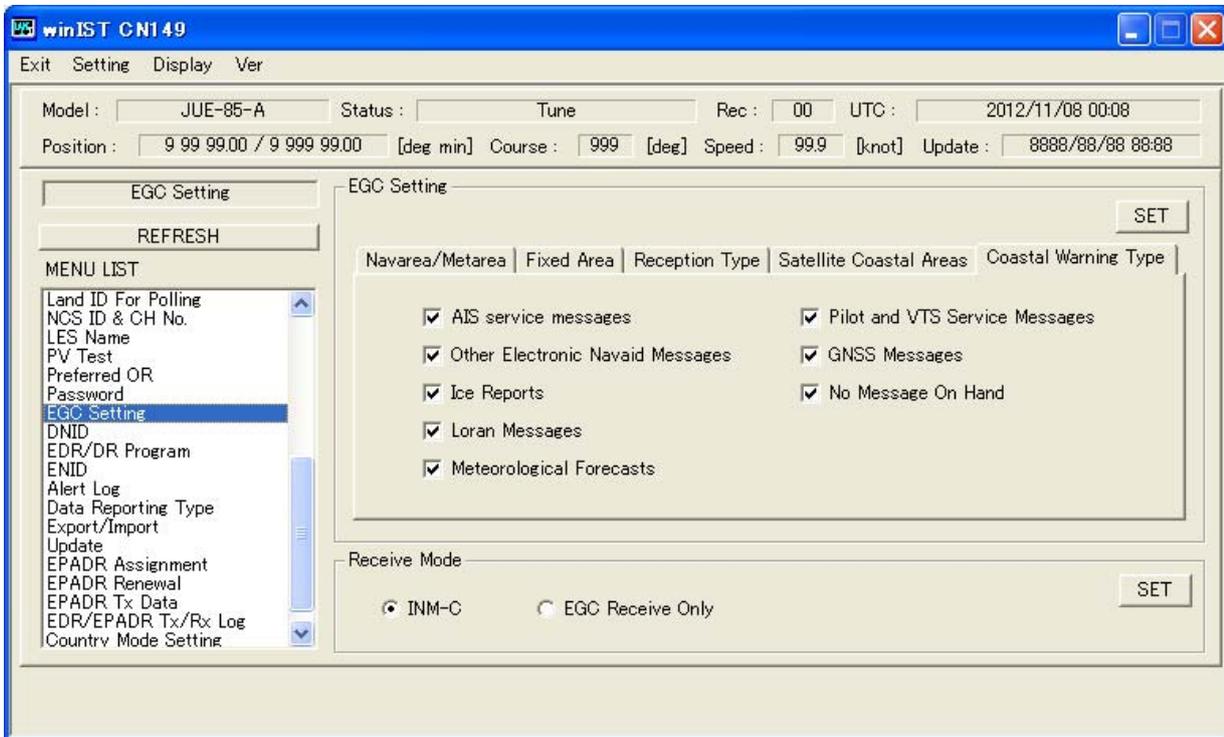


Fig. 4-25-1e Coastal warning type screen

Step 3. Confirm following data on [EGC Setting] screen with referring [Fig. 4-25-1a [EGC Setting] screen], [Fig. 4-25-1b Fixed Area screen], [Fig. 4-25-1c Reception Type screen], [Fig. 4-25-1d Satellite Coastal Areas screen], [Fig. 4-25-1e Coastal warning type screen].

■ Navarea/Metarea

- Area 1 to Area 21

■ Fixed Area

■ Reception Type

- Chart Correction Service
- Chart Correction Service For Fixed Areas
- Download group Identity
- General Call
- Group Call

■ Satellite Coastal Areas

- A to Z

■ Coastal warning type

- Other Electronic navaid messages
- Ice Report
- Loran Messages
- Meteorological Forecasts
- Pilot and VTS service messages
- GNSS messages
- No Message on Hand
- AIS Service Messages

The setting of Group Call received by the ENID setting becomes effective by making Group Call of Reception Type effective.

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and setting the data .

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-25-1a [EGC Setting] screen** cannot be operated.)

4-25-2 [EGC Setting] Setting(Available for GM/VMS model)

Step 1. Click EGC setting in [MENU LIST], then Setting screen is displayed.

EGC setting

Step 2. Select [Navarea/Metarea] and set [Area 1] to [Area 21].

Step 3. Select [Fixed Area] tab. Input area code of starting/terminal points, into Fixed area.

To 1st box (from left), input the code of starting point area within the range of 0 to 99999999.

To 2nd box (from right), input the code of terminal area within the range of 0 to 99999999.

Step 4. Select [Reception] tab to set Reception Type:

- Chart Correction Service
- Chart Correction Service For Fixed Areas
- Download group Identity
- General Call
- Group Call

Step 5. Select [Satellite Coastal Areas] tab to set Satellite Coastal Areas A to Z.

Step 6. Select [Coastal warning type] tab and set Coastal warning type.

- Other Electronic navaid messages
- Ice Report
- Loran Messages
- Meteorological Forecasts
- Pilot and VTS service messages
- GNSS messages
- No Message on Hand
- AIS Service Messages

Step 7. Click [SET] button of [EGC Setting].

Set [Receive Mode]

Step 2. Select [Receive Mode]:

- INMm-C
- EGC Receive Only

Step 3. Click [SET] button in the frame of [Receive Mode].

NOTE

1. [Receive Mode] can be set in the [Ready] or [Log-out] status of INMARSAT only.

It cannot be set in other status even [SET] button is pressed.

2. Data cannot be set when the data reception is failed.

3. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-25-1f Data setting failure dialogue box

In this case, carry out following procedure, then confirm and setting the data.

i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.

ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.

iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-25-1a [EGC Setting] screen** cannot be operated.)

4-26 [Area Setting] Confirmation / Setting (Available for SSAS/LRIT model)

Confirmation and Setting of Navarea/Metarea for polling can be done on Area Setting screen.

4-26-1 [Area Setting] Confirmation(Available for SSAS/LRIT model)

Step 1. Click Area Setting in [MENU LIST], then following screen is displayed.

(Click Area Setting of [MENU LIST] again or click [Refresh] button to renew Area Setting data.)

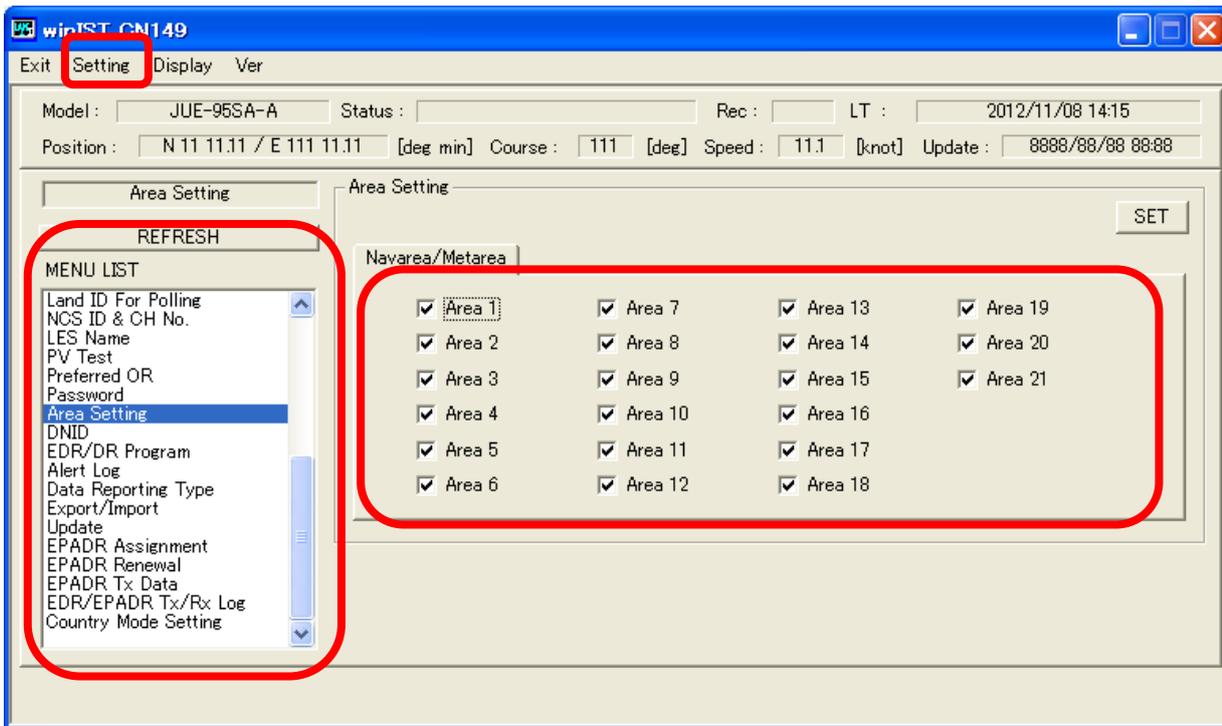


Fig. 4-26-1 Area Setting screen

Step 2. Confirm following data in above window.

■ Area 1 to 21

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedures, then confirm and setting the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal (the function in the frame of Fig. 4-26-1 Area Setting screen cannot be operated.)

4-26-2 [Area Setting] Setting(Available for SSAS/LRIT model)

Step 1. Click Area Setting in [MENU LIST] to display Area Setting screen.

Step 2. Select Area 1 to 21.

Step 3. Click [SET] button.

NOTE

1. [Receive Mode] can be set in the INMARSAT status of [Ready] or [Log-out] only.

It cannot be set in the other status even [SET] button is pressed.

2. Data cannot be set when the data reception is failed.

3. Following dialogue box is displayed after clicking [SET] button, when winIST failed to write the data into INMARSAT terminal.



Fig. 4-26-2 Data setting failure window

In this case, carry out following procedure, then confirm and set the data again.

i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.

ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.

iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4.Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-26-1 Area Setting screen** cannot be operated.)

4-27 [DNID] Confirmation / Setting

Confirmation and setting of DNID list can be done on DNID screen.

4-27-1 [DNID] Confirmation

Step 1. Click DNID in [MENU LIST], then following screen is displayed.

(Click DNID of [MENU LIST] again or click [Refresh] button to renew DNID data.)

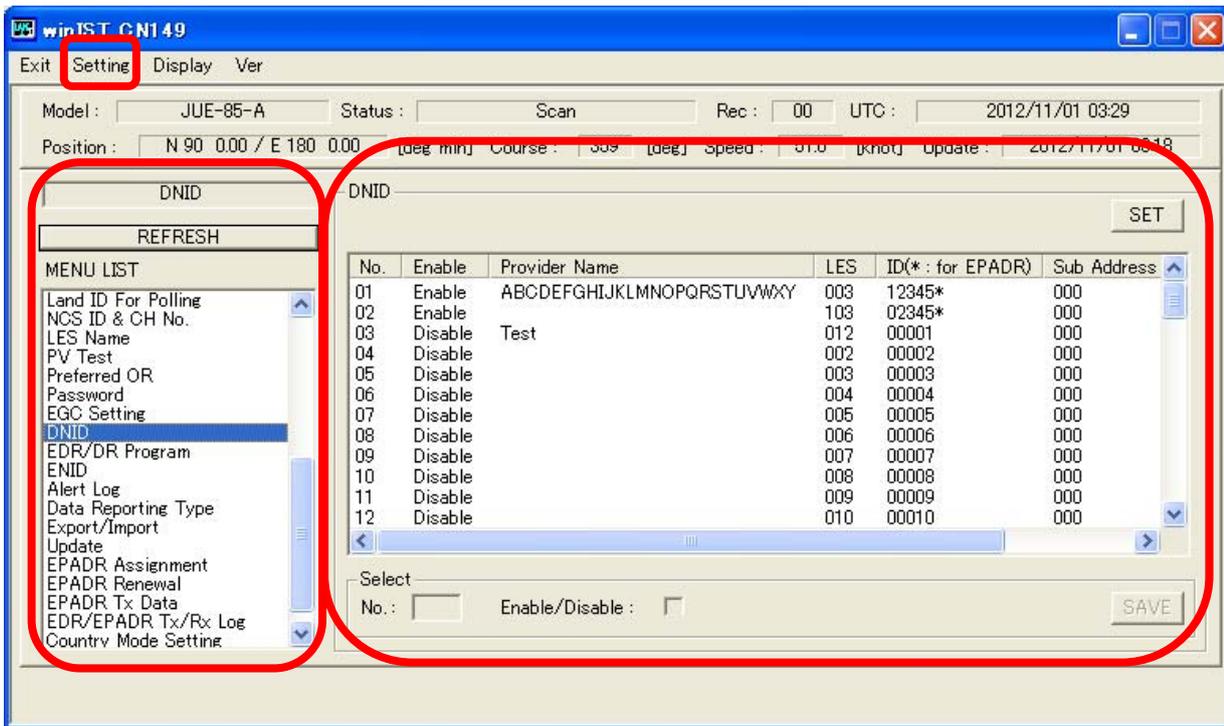


Fig. 4-27-1a DNID screen1

Step 2. Confirm DNID on above screen. And other data items can be confirmed when you scroll the list.

The screen displayed when DNID list is scrolled to right

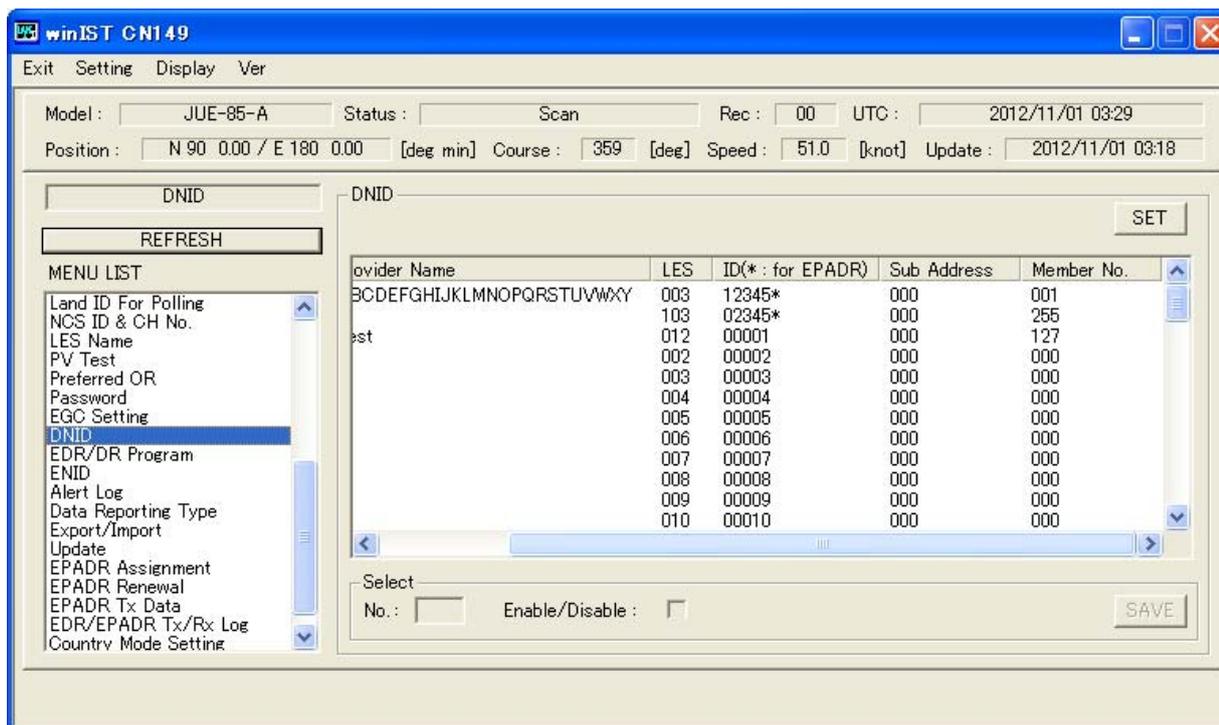


Fig. 4-27-1b DNID screen 2

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and setting the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of Fig. 4-27-1a DNID screen1 cannot be operated.)

4-27-2 [DNID] Setting (Available for GM/SSAS/LRIT model)

- Step 1. Click DNID in [MENU LIST] to display DNID screen.
- Step 2. Select DNID No. from the list. Detailed information of it is displayed in Select frame.
- Step 3. Switch DNID Enable(checked)or Disable (non-checked).
- Step 4. Click [SAVE] button when you want to reflect setting data to DNID list.
- Step 5. Repeat the procedure of 2 to 4 again when you want to edit other DNID data.
- Step 6. Click [SET] button to write the data to INMARSAT terminal when setting is completed.

NOTE

1. Data cannot be set when the data reception is failed.
2. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-27-2 Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
3. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of Fig. 4-27-1a DNID screen1 cannot be operated.)

4-28 Obtaining [EDR/DR Program information]

Program information of Unreserved Data Report can be obtained in the screen of EDR/DR Program.

- 1) Click EDR/DR Program from MENU LIST.

Following screen is displayed.

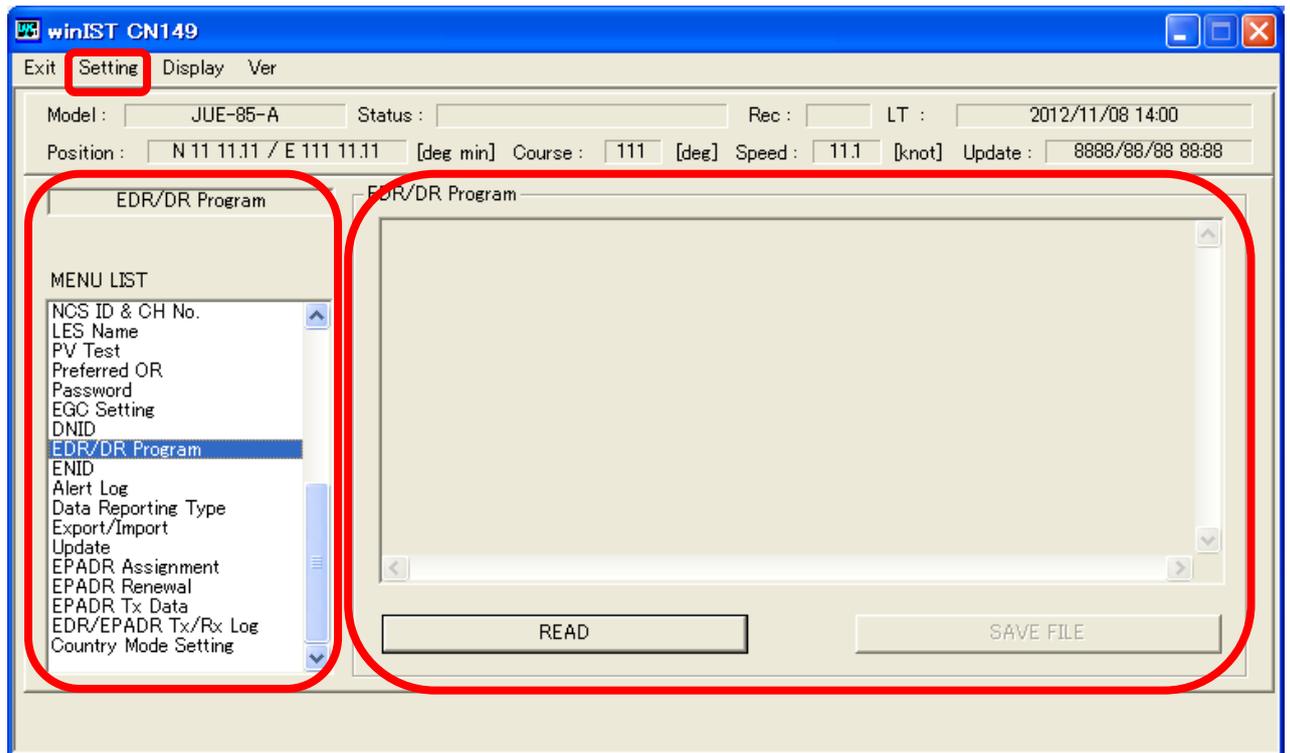


Fig. 4-28a EDR/DR Program screen display

- 2) Press READ button. Then the program information is read out.

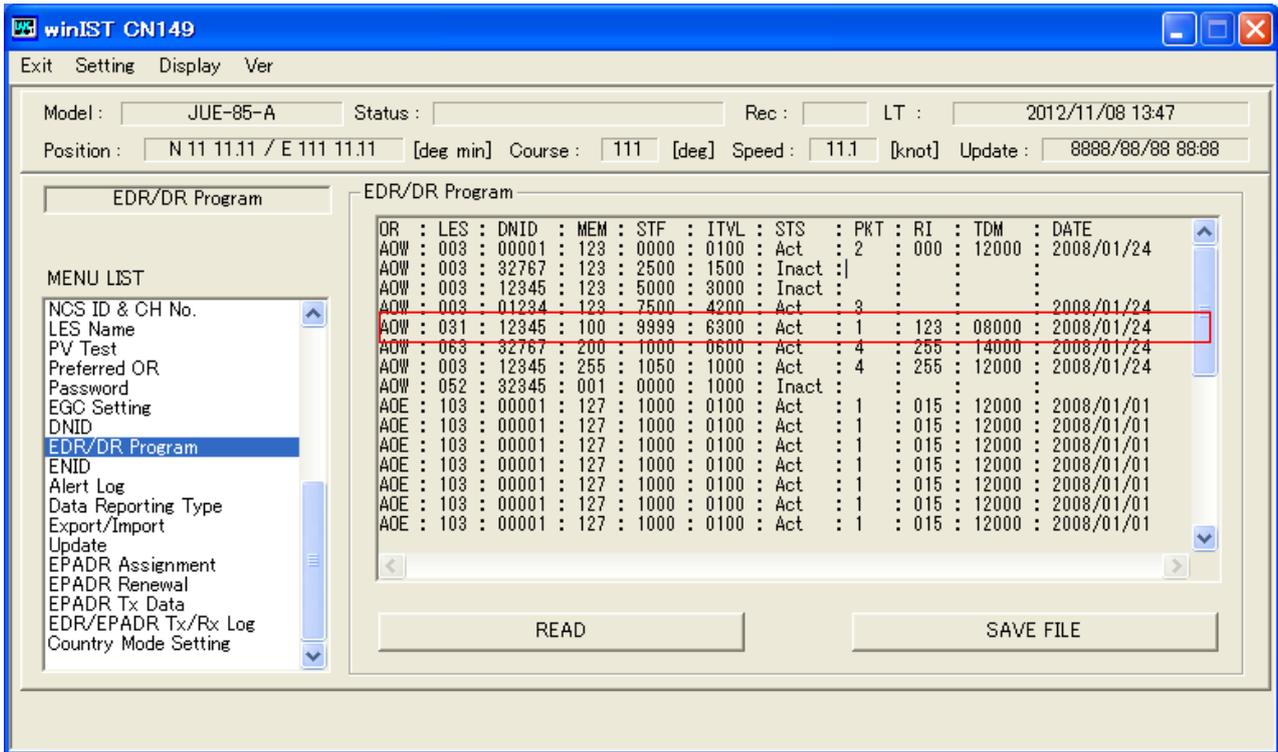


Fig. 4-28b Successfully obtaining program information screen

3) Confirm the below program information at above window.

- OR(Ocean Region) AOW(AORE) / AOE(AORE) / POR / IOR
- LES
- DNID
- MEM(Member Number)
- STF(Start Frame : Transmission starting frame)
- ITVL(Interval: Transmission interval)
- STS(Status: Program status) Act(Active: Program is active)
Inact(Inactive: Program is inactive)
- PKT(Packet: Transmitting packet number)
- RI(Randomize Interval)
- TDM(LES TDM Frequency: LES TDM frequency of sending destination)
- DATE (Transmission starting date)

Note 1): When the program is inactive status, below listed parameters are displayed as blank.

- PKT
- RI
- TDM
- DATE

Note 2): When the program becomes active by the initiate command in Individual Polling, below listed parameters are displayed as blank (the framed program in Fig.4-28b.)

- RI
- TDM

* To save the program information to a file

- 4) Press SAVE FILE in "Fig. 4-28b Successfully obtaining program information screen" after program information is obtained.
- 5) Following dialog box is displayed. Select output destination and file name, then press OK.

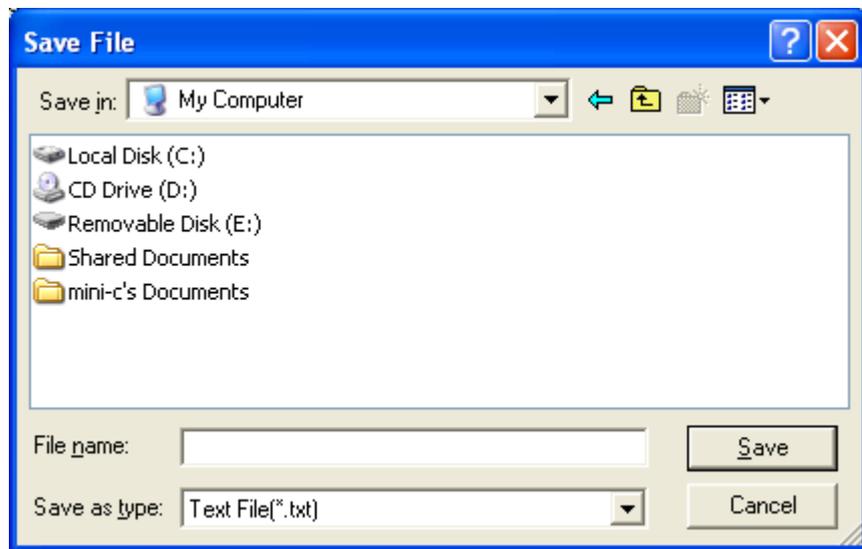


Fig. 4-28c Save File dialog box

NOTE

1. When the data reception is failed, the display columns of "**Fig. 4-28-1a EDR/DR Program screen display**" are displayed as blank.

In this case, carry out following procedure, then confirm and setting the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-28-1a EDR/DR Program screen display** cannot be operated).

4-29 [ENID] Confirmation / Setting

Reference of ENID list and setting of enable/disable of ENID can be carried out on ENID screen.

4-29-1 [ENID] Confirmation

Step 1. Click ENID in [MENU LIST], then following screen is displayed.

(Click ENID of [MENU LIST] again or click [Refresh] button to renew ENID data.)

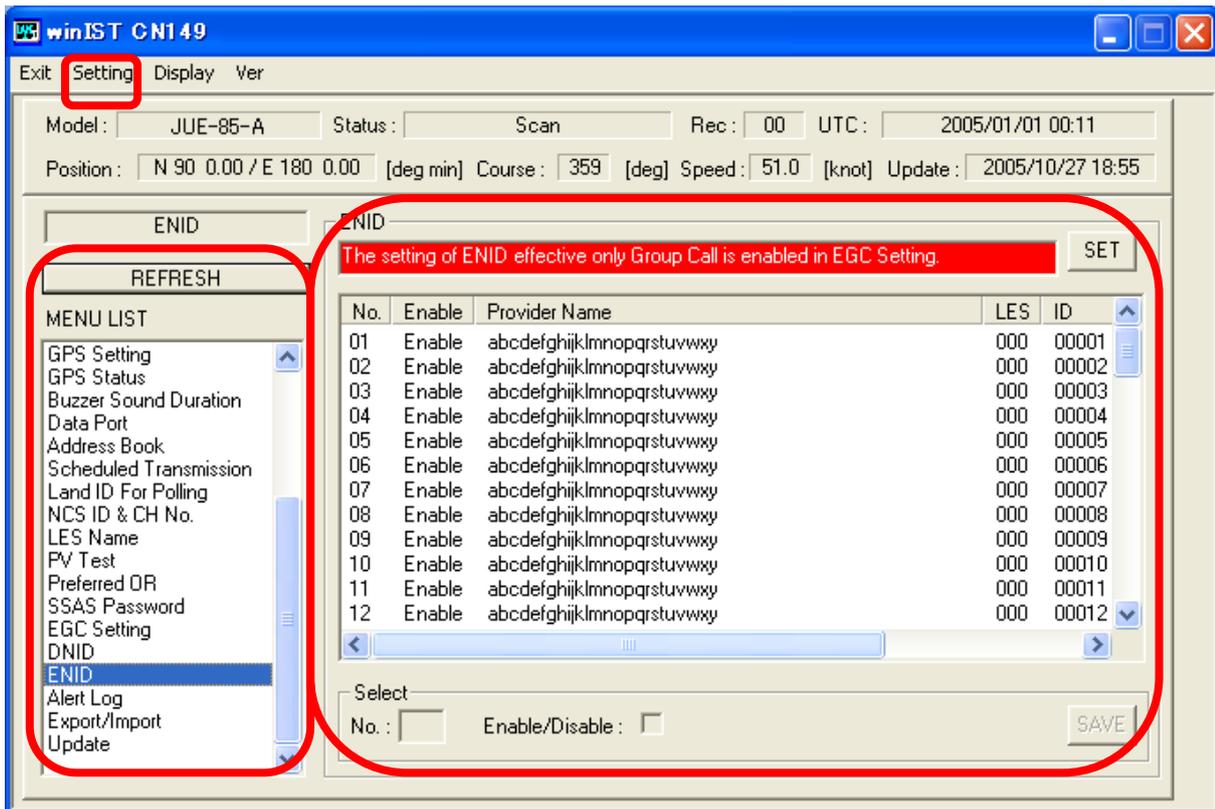


Fig. 4-29-1a ENID screen 1

The screen displayed when ENID list is scrolled to right.

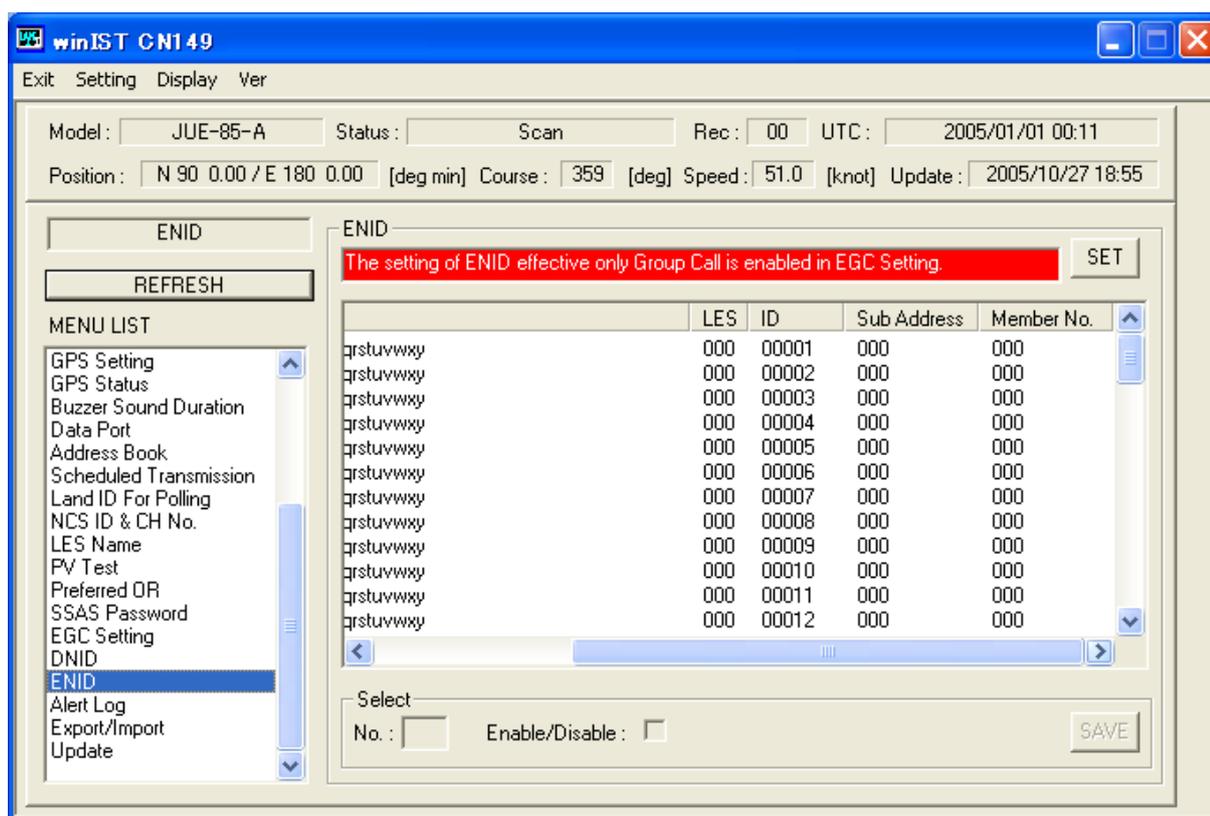


Fig. 4-29-1b ENID screen 2

Step 2. Confirm ENID on above screen.

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-29-1a ENID screen 1** cannot be operated.)

4-29-2 [ENID] Setting

- Step 1. Click ENID in [MENU LIST] and display ENID screen.
- Step 2. Select ENID No. from the list. Detailed information is displayed in Select frame.
- Step 3. Switch ENID Enable (checked) or Disable (no checked).
- Step 4. Click [SAVE] button when you want to reflect setting data to ENID list.
- Step 5. Repeat the procedure 2 to 5 when you want to edit other ENID data.
- Step 6. Click [SET] button to write the data to INMARSAT terminal.

NOTE

1. Setting of ENID is only possible when Group Call of [EGC Setting] is effective.
2. Data cannot be set when the data reception is failed.
3. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-29-2 Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of **Fig. 4-29-1a ENID screen 1** cannot be operated.)

4-30 Obtaining [Alert Log]

Distress Alert Log can be obtained from INMARSAT terminal on Alert Log screen.

Step 1. Click [Alert] Log in [MENU LIST], then following screen is displayed.

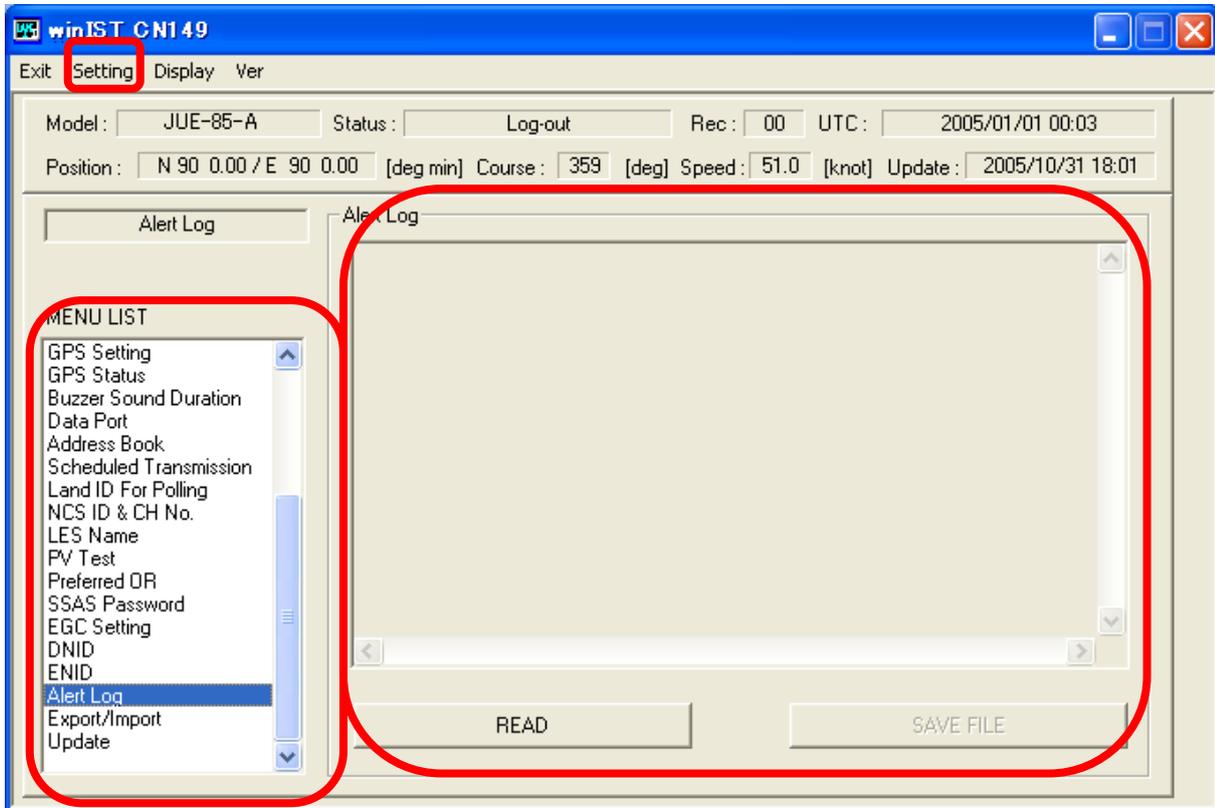


Fig. 4-30a Alert Log screen

Step 2. Click [READ] button, [Alert] Log is read out from INMARSAT terminal.

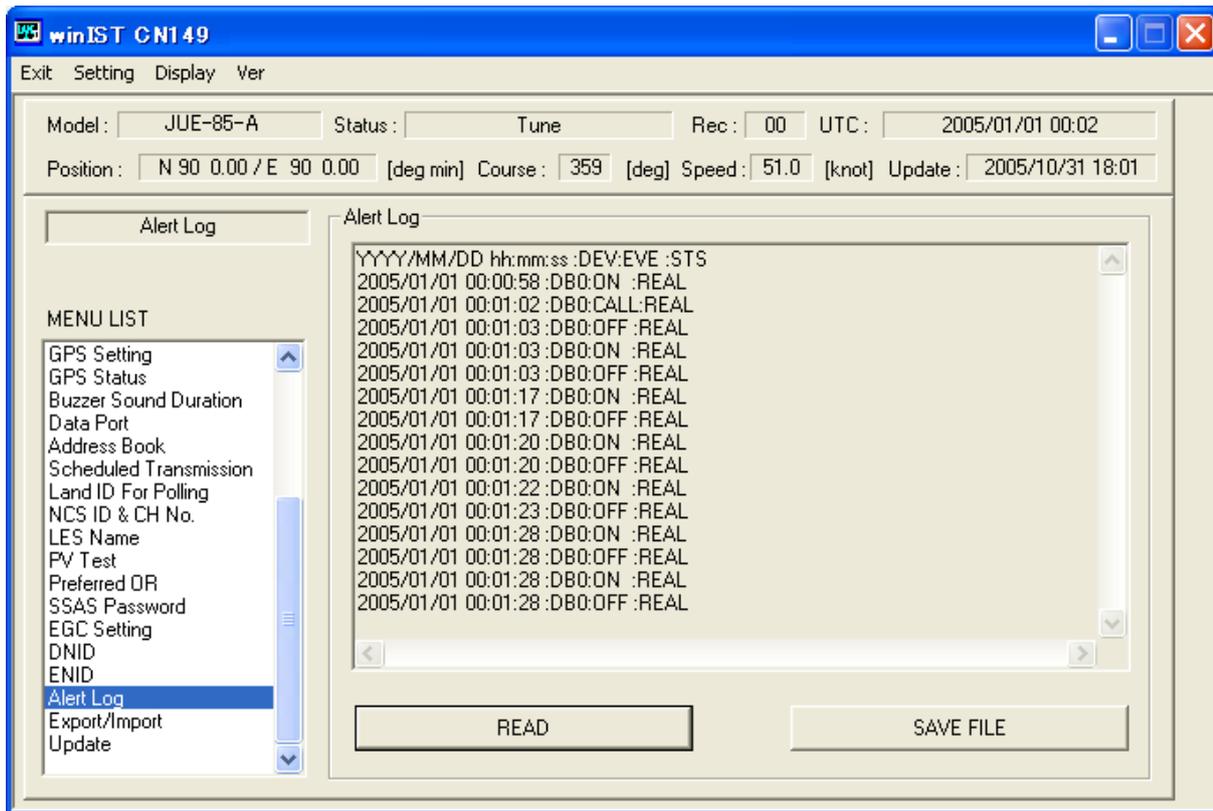


Fig. 4-30b Alert Log data obtain succeed screen

Step 3. Confirm [Alert] Log on above screen.

To save the data of [Alert] Log to the file:

Step 4. Click [SAVE] FILE button on [Fig.4-29 Alert Log data obtain succeed screen].

Step 5. Select saving destination and file name, then click [OK]. Following window is displayed.

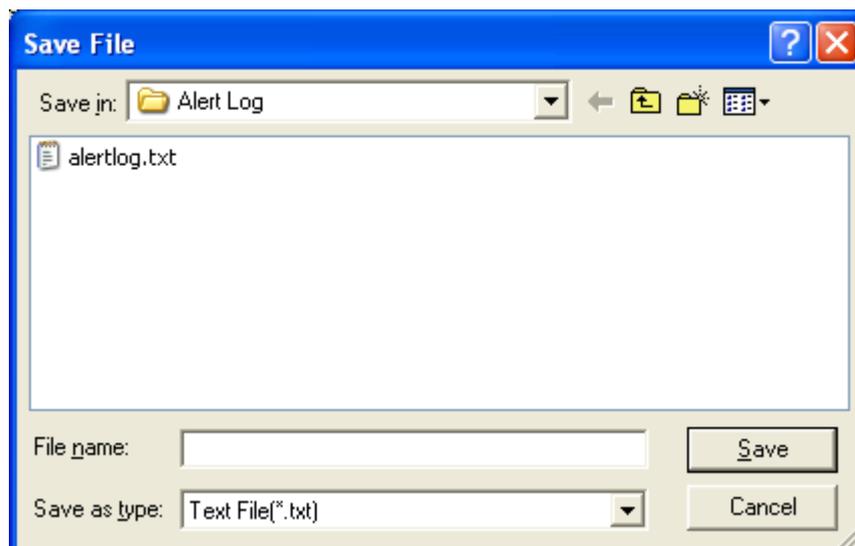


Fig. 4-30c Save File window

NOTE

1. Each column displayed as empty when data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-30a Alert Log screen** cannot be operated.)

4-31 [Data Reporting Type] Confirmation / Setting

In this screen, the data of Data Reporting Type which set to Inmarsat terminal can be confirmed and set.

4-31-1 [Data Reporting Type] Confirmation

1) Click Data Reporting Type from MENU LIST. Following screen is displayed.

(To obtain the data of Data Reporting Type again, click Data Reporting Type of MENU LIST or click Refresh button.)

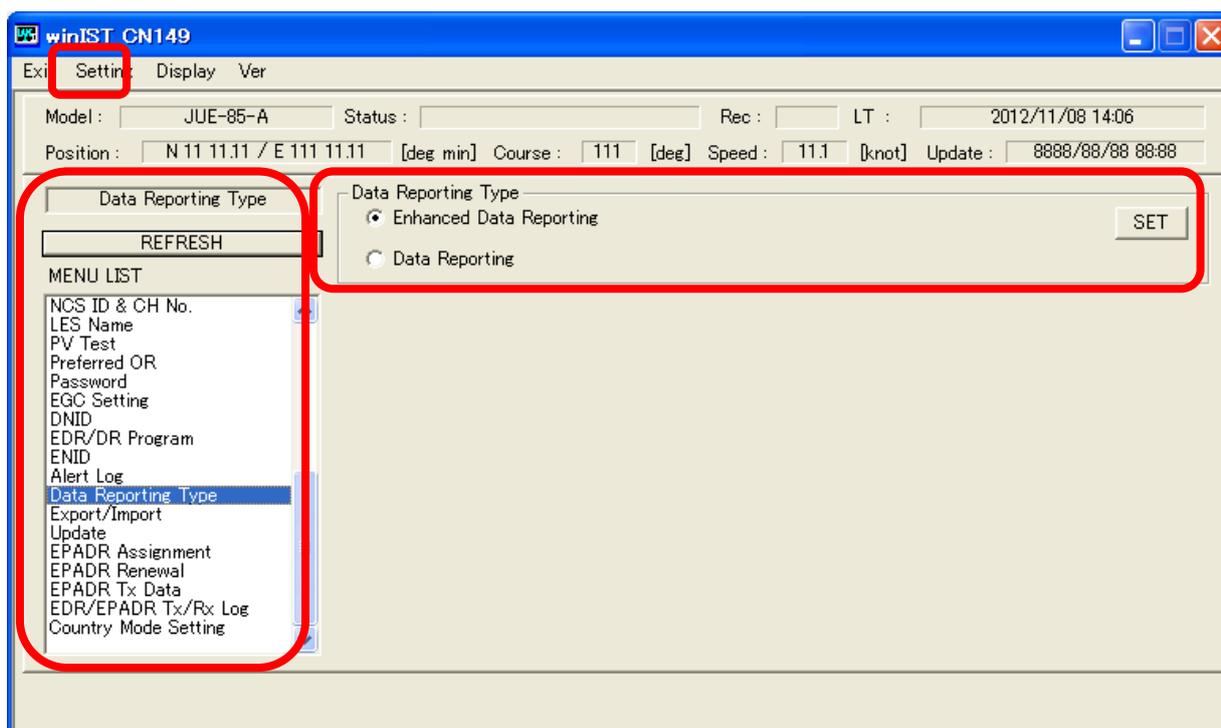


Fig. 4-31-1 Data Reporting Type screen display

2) Confirm the following data at above window.

- Enhanced Data Reporting / Data Reporting

NOTE

1. Each column displayed as empty when data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

Note 2: Operation except [Exit], [Display], and/or [Ver] is unavailable while winIST is communicating with INMARSAT terminal(the functions in the frame of **Fig. 4-31-1 Data Reporting Type screen** cannot be operated.)

4-31-2 [Data Reporting Type] Setting

- 1) Open the Data Reporting Type by clicking MENU LIST.
- 2) Select Enhanced Data Reporting or Data reporting.
- 3) Press SET button in the frame of Data Reporting Type.

NOTE

1. Data cannot be set when the data reception is failed.
2. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after [SET] button is clicked.



Fig. 4-31-2 Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

3. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of **Fig. 4-31-1 Data Reporting Type screen** cannot be operated.)

4-32 [Export/Import] Terminal Data

Data shunting and restoration of the INMARSAT terminal can be done on [Export/Import] screen.

For example, each setting data can be retracted before terminal software updates, and can be restored after the software updated is completed.

4-32-1 [Export] terminal data

Step 1. Click Export/Import in [MENU LIST], then following screen is displayed.

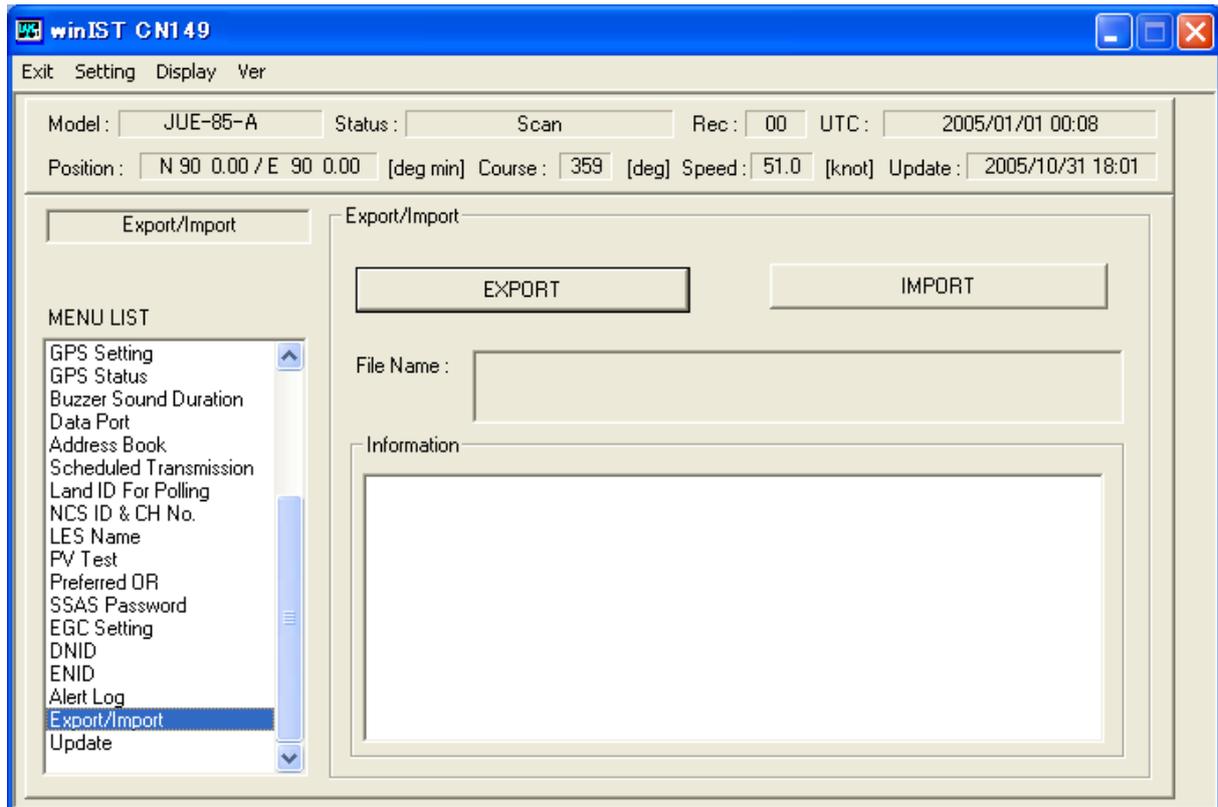


Fig. 4-32-1a Export/Import screen

Step 2. Click [Export] button, when following dialogue is displayed.

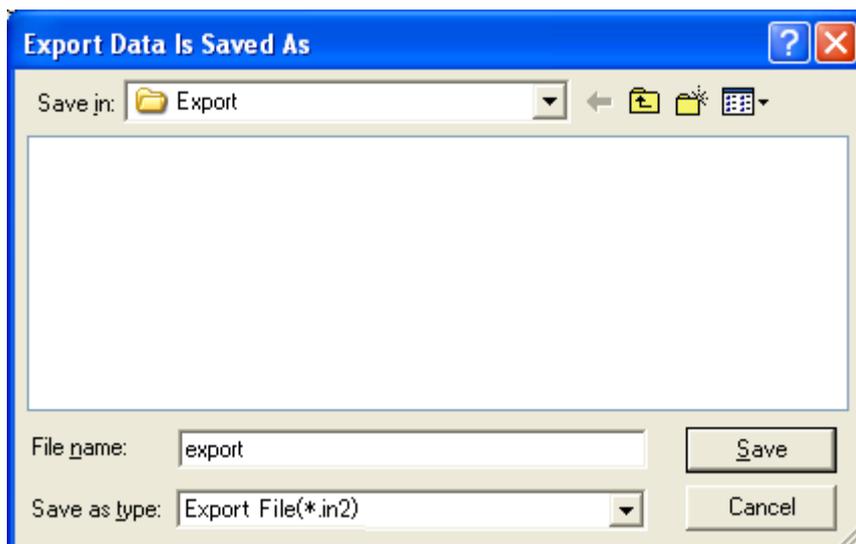


Fig. 4-32-1b Export Data Is Saved As window

Step 3. Input the name of [Export] file and click [Save] button.

Step 4. Following window that asks starting of [Export] is displayed.

Click [Yes] button to start [Export], and click [No] button to quit [Export]. The screen is return to [Export/Import] screen when [Export] is canceled. Repeat the operation from Step2, when you retry [Export].



Fig. 4-32-1c Export confirm dialogue box

Step 5. Status of Export window is displayed, then wait until it is completed.

Click [CANCEL] when you want to cancel it. Then the screen returns to [Export/Import] screen. Repeat the operation from Step2, when you retry [Export].



Fig. 4-32-1d Export status dialogue box

Step 6. Following window is displayed when [Export] is completed.



Fig. 4-32-1e Export completion dialogue box

NOTE

1. Following dialogue box is displayed when file name of destination to save is incorrect in [Export Data Is Saved As window].



Fig. 4-32-1f File name of destination to save error dialogue box

Select the file name of destination to save except [winIST] or [CompressTool.ini.]



Fig. 4-32-1g File name length of destination to save is too long dialogue box

Select the whole file name of destination to save as 264 characters or less.

NOTE

2. Following dialogue box is displayed when read-out requiring command transmission is failure, after [OK] button is pressed in Export confirmation window.

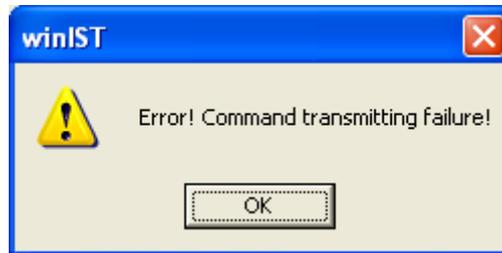


Fig. 4-32-1h Command transmission error dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

NOTE

3. The data which winIST cannot acquire in Export status is displayed in Information column.

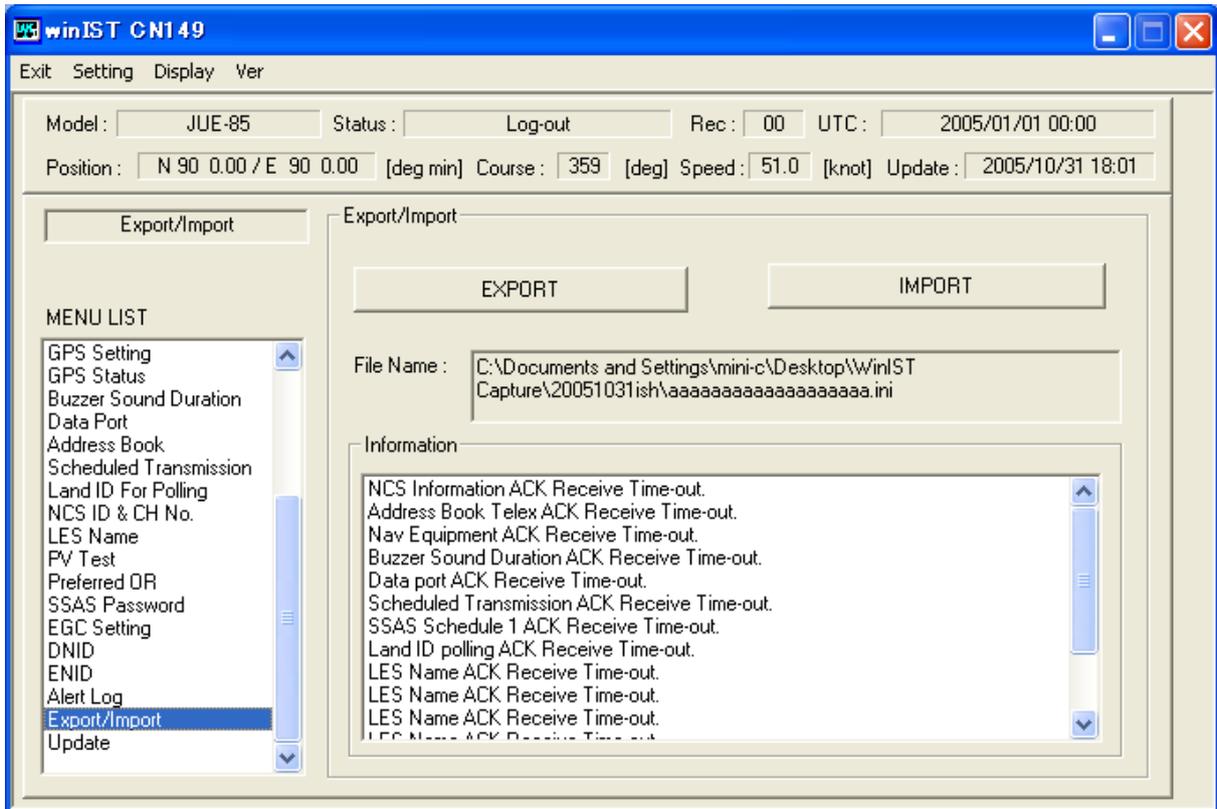


Fig. 4-32-1i Information display in Export execution

[xxx to xxx to ACK Receive Tim-out] informs the winIST cannot acquired data due to time out on the status of data reception waiting. In this case, open the dialogue of [COM PORT] from [Setting] of menu bar, then confirm [HARDWARE] is selected in [Flow Control], and carry out Export procedure again.

4-32-2 [Import] the data to INMARSAT terminal

Step 1. Click [Export/Import] in [MENU LIST], then below screen is displayed.

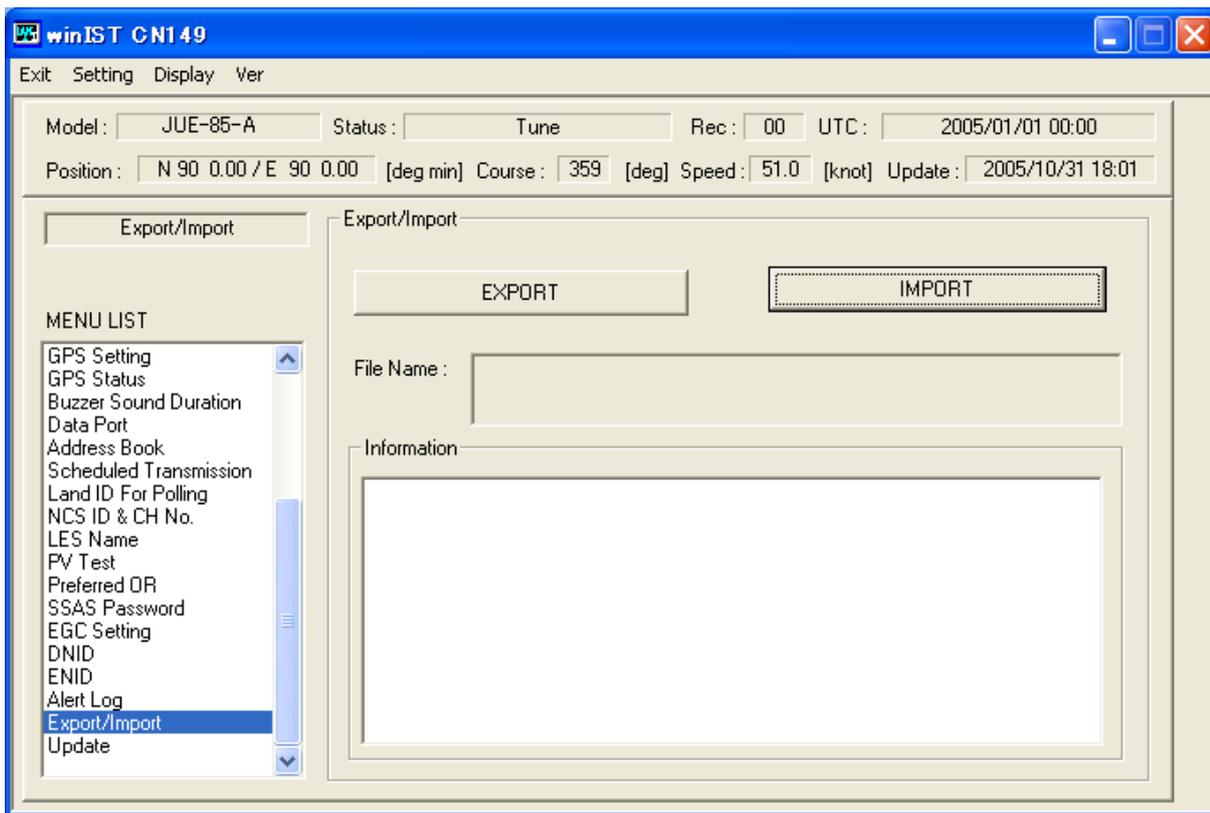


Fig. 4-32-2a Export/Import screen

Step 2. Click Import button. Below window is displayed.

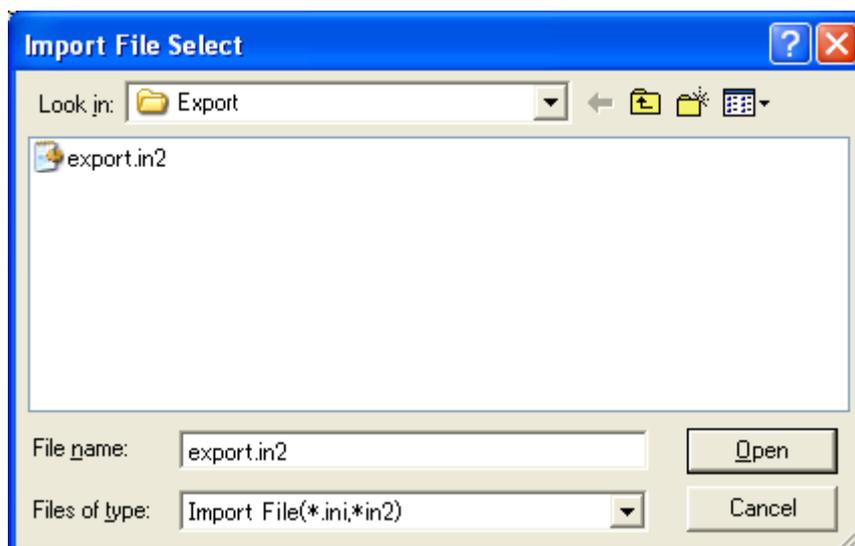


Fig. 4-32-2b Import File Select window

Step 3. Input the name of Import file and click [Open].

Step 4. Below dialogue box is displayed, then start Import process by clicking [Yes] in the Export/Import screen (Fig. 4-31-3d), when the Status column of the screen is [Ready] or [Log-out].

Click [No] to cancel the job, then the screen is returned to [Export/Import] screen.

Repeat the procedure from Step 2, when you want to carry out [Import].



Fig. 4-32-2c Import confirmation dialog box

Step 5. Status of [Import] process is displayed, wait until it is completed.

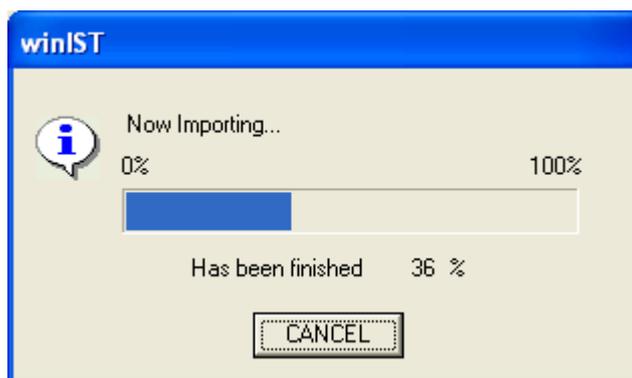


Fig. 4-32-2d Import status display dialog box

Step 6. Following dialog box is displayed when [Import] process is completed.



Fig. 4-32-2e Import completion dialog box

NOTE

1. Following window is displayed when incorrect file name is entered to input file name in [Export Data Is Saved As] dialogue.



Fig. 4-32-2f Output file name error dialogue box

Response: Specify input file name except winIST or CompressTool.ini.



Fig. 4-32-2g Input file path length error dialogue box

Response: Specify the input file name 264 characters or less.

2. Following window is displayed when winIST failed to send the [setting demand] command transmission after clicked [OK] button at Import confirmation window.

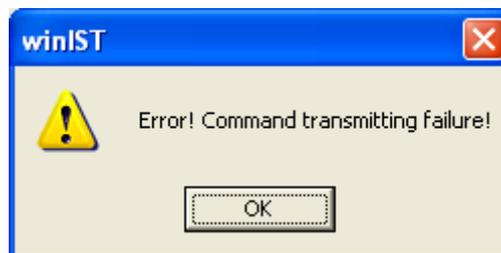


Fig. 4-32-2h Command transmission error dialogue box

Response: Carry out following procedures, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

NOTE

3: The data cannot be set at Importing, is displayed in Information column.

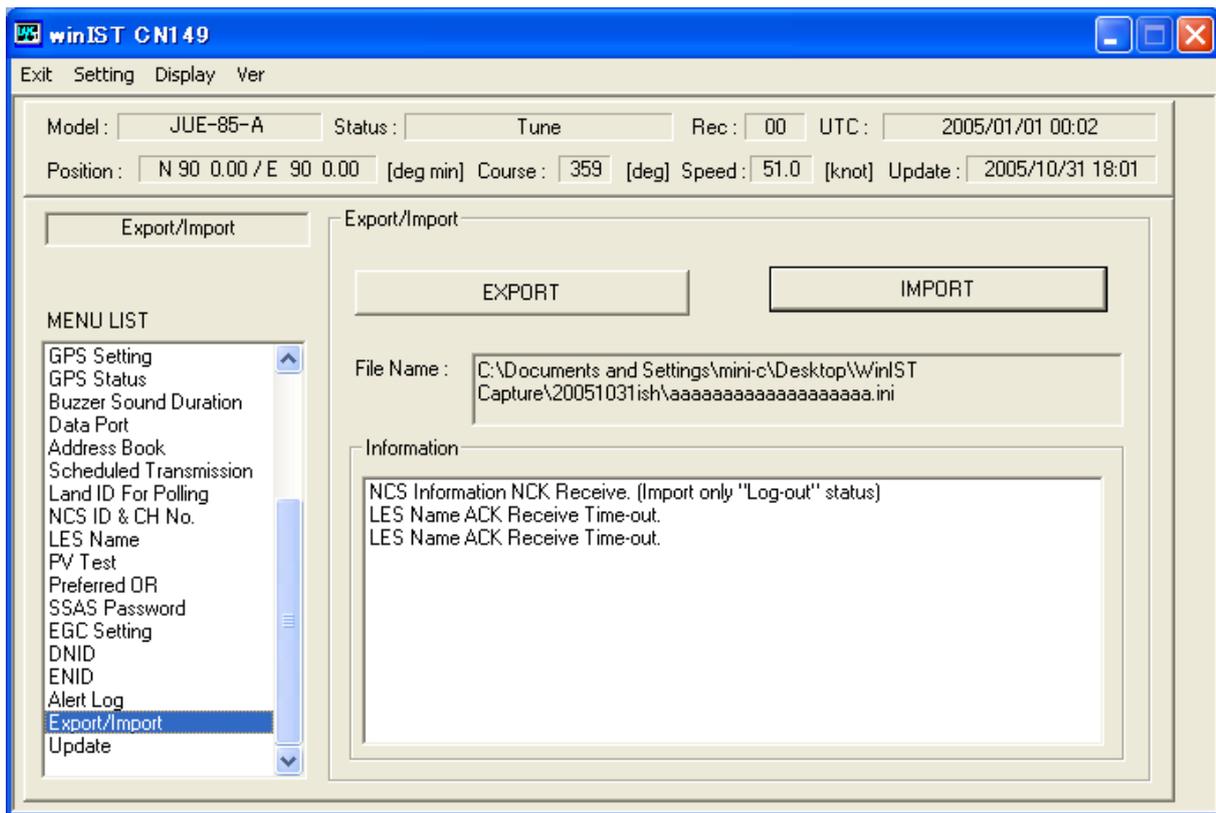


Fig. 4-32-2i Information display at Import status

[xxx to xxx to NAC Receive] and [xxx to xxx to NAC Receive Tim-out] informs the winIST cannot acquired data of [xxx to xxx to]. In this case, open the dialogue of [COM PORT] in [Setting] of menu bar, then confirm [HARDWARE] is selected in [Flow Control], and carry out Import procedure again. Regarding [NCS Information], it can be set when the Status of terminal is [Ready] or [Log-out], only. It cannot be set in except these 2 status.

4-33 Carry out Update/Verify/Checksum of EME/IME

Update (Update of terminal software), Verify (verification of data of module file) and Checksum (verification of Checksum of module file data) can be carried out on Update screen.

* All setting data is cleared away when Update process is carried out. To keep each data, export the data before Update and import it after Update is carried out by Export/Import function (refer 4-32).

Step 1. Click Update in [MENU LIST]. Following screen is displayed.

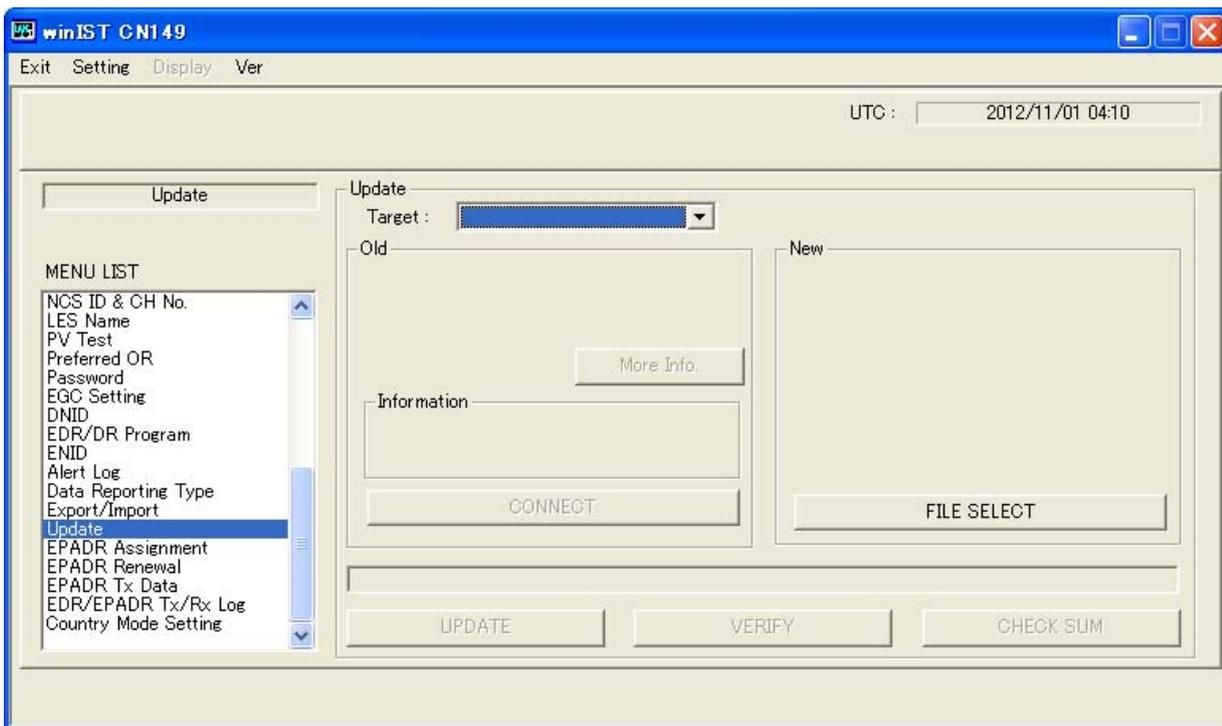


Fig. 4-33a Update screen

Step 2. Select objective target of Update. Click CONNECT button when [Target] is already selected.

■Target:

- MODEM
- ACS
- IME

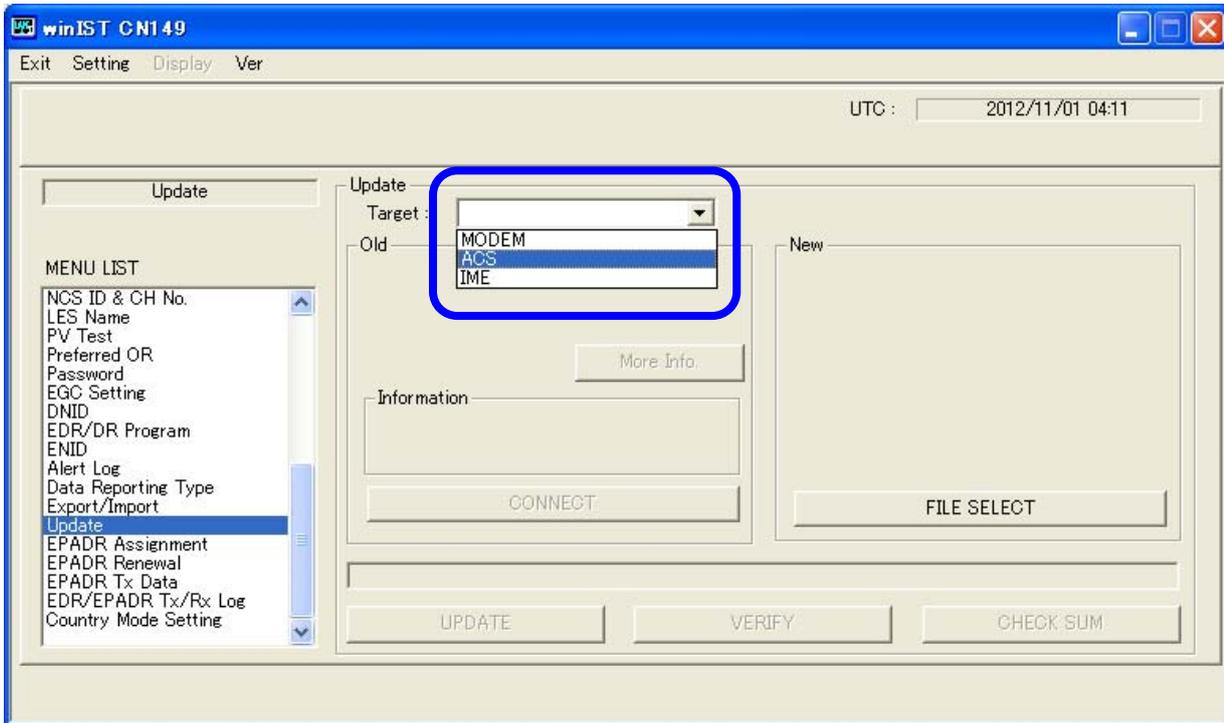


Fig. 4-33b Target combo box display screen

Step 3. Click [OK] after power off the selected terminal for [Target], when following dialogue box is displayed. To cancel the job, click [CANCEL]. Then the screen is returned to Up date screen. Repeat the procedure from Step2, when you want to update.

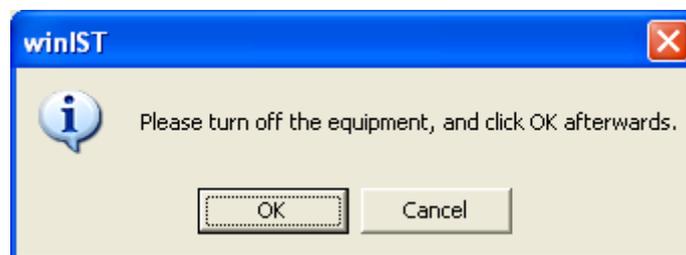


Fig. 4-33c Terminal Power off notice dialogue box

Step 4. Following screen is displayed. Turn on the Power source of terminal. To cancel the job, click [CANCEL]. Then the screen is returned to Update screen. Repeat the procedure from Step2, when you want to update.



Fig. 4-33d Terminal Power Source ON notice dialogue box

Step 5. Following dialogue box is displayed when the winIST acquired *terminal software information* (Old information). Click [OK], then the screen returns to Update screen (See Fig. 4-33f Update screen after Old information acquired.)



Fig. 4-33e Terminal information acquisition succeed dialogue box

- Following are the displayed screen after Old information is acquired. Rightfulness of Old information is displayed in Information column. The color of bar indicates the status of Old information, blue is normal and red is abnormal (confirm the detail of the Old information in Fig. 4-33f Updated screen after Old information is acquired).

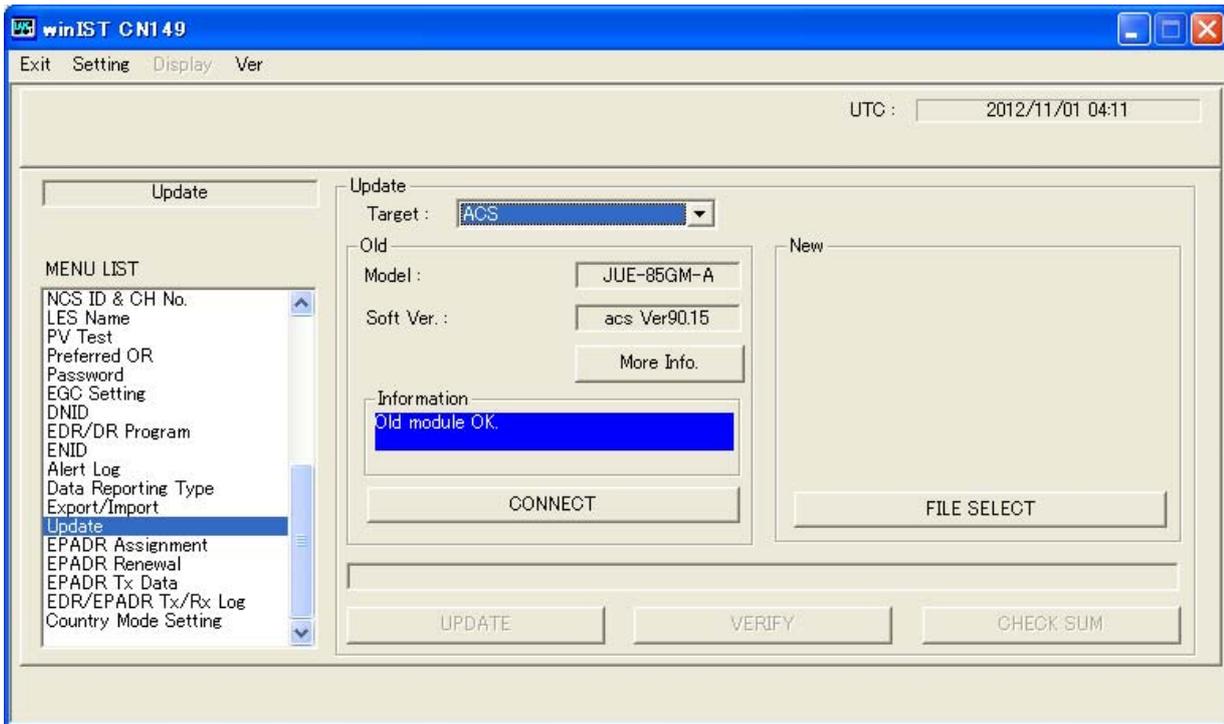


Fig. 4-33f Updated screen after Old information is acquired

■ Model

- JUE-85 GM
- JUE-95 GM
- JUE-95 VM
- JUE-95 SA
- JUE-85 GM-A
- JUE-95 VM-A
- JUE-95 SA-A
- JUE-95 LT-A

■ Soft Ver.

- acs Ver.XX.XX
 - mdm Ver.XX.XX
 - ime Ver.XX.XX
- (XX.XX is version No.)

* Click [More Info.] at [Fig. 4-33f Updated screen after Old information is required], to confirm the detail of old information.

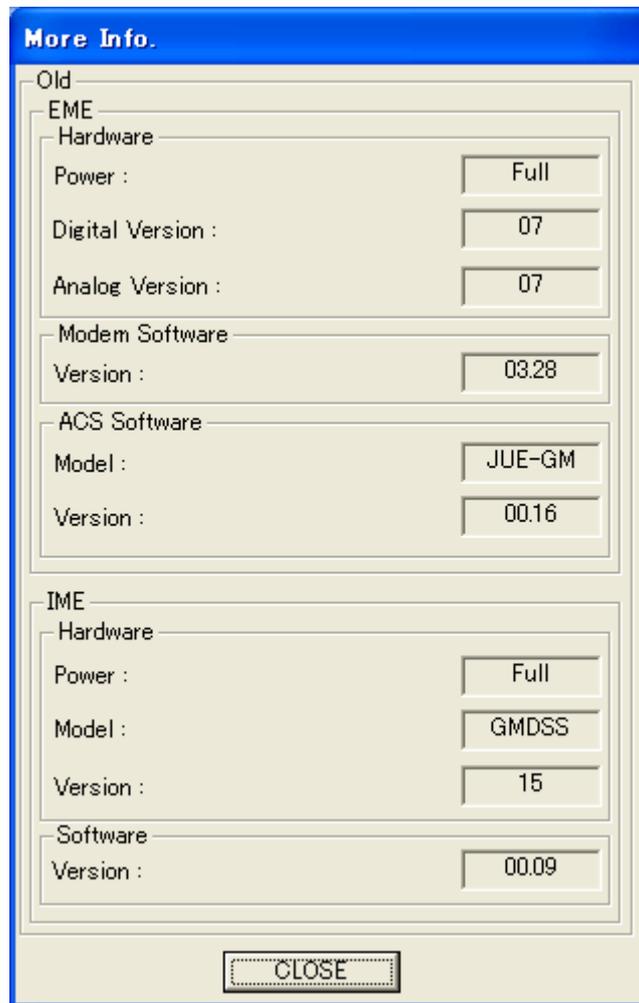


Fig. 4-33g More Info. window(JUE-85/95)

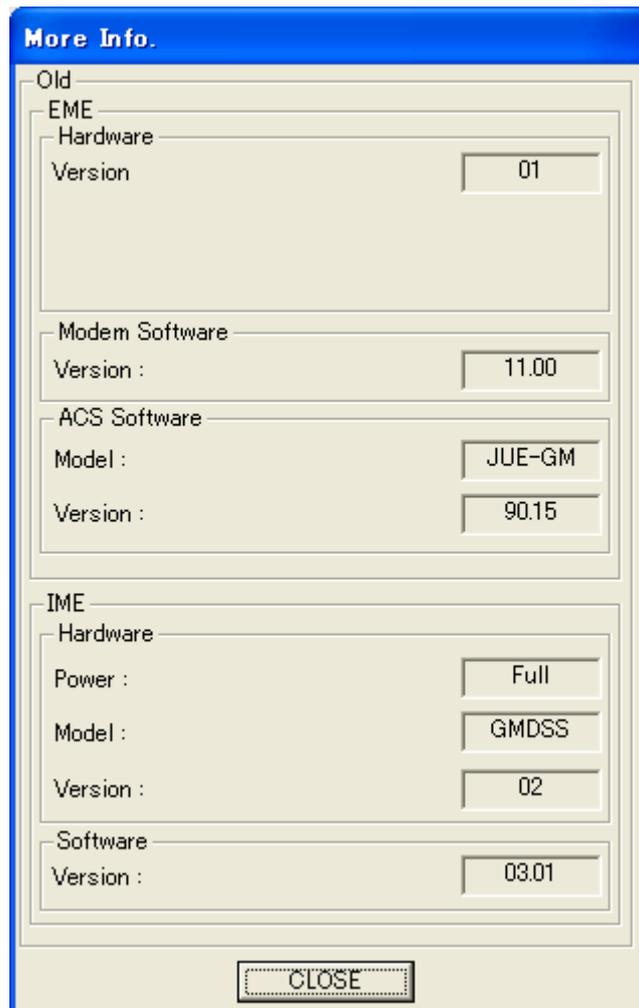


Fig. 4-33h More Info. window(JUE-85/95-A)

*Following window is displayed by [More Info.] is clicked at [Fig. 4-33f Update screen after Old information is acquired] when [IME] is selected to [Target].

In this window, EME columns are displayed with [-], due to winIST cannot acquire the information of EME, when [IME] is selected to [Target].

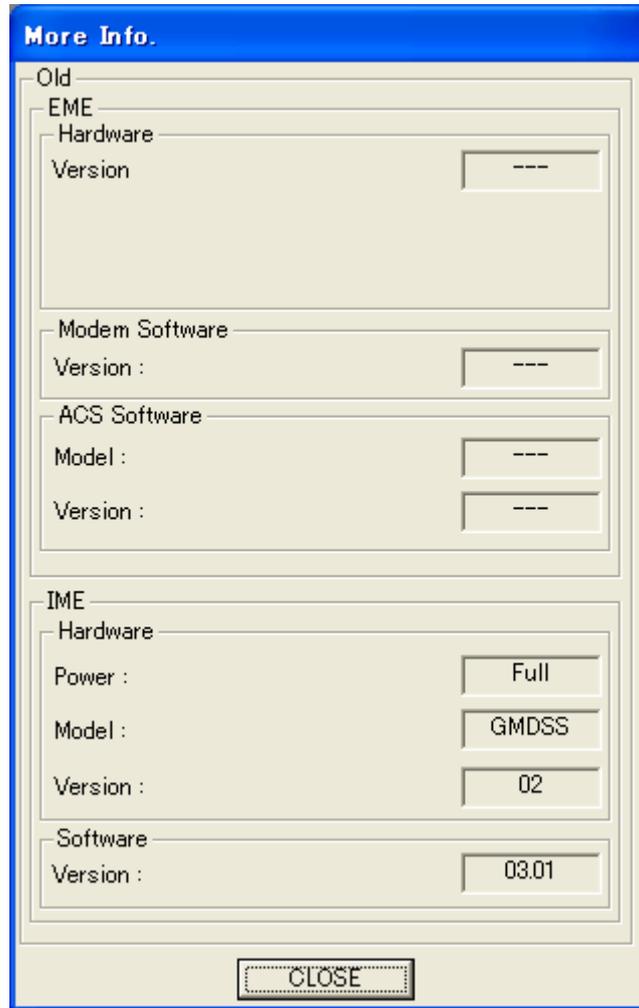


Fig. 4-33i [More Info.] window of IME Old information

Step 6. Select the file you want to do [Update], [Verify] or [Checksum], then click [FILE SELECT].

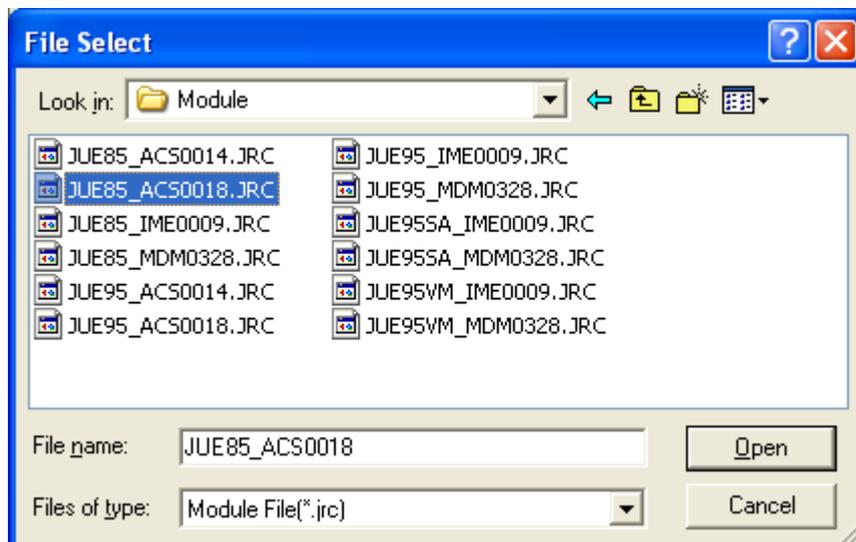


Fig. 4-33j File Select window

Step 7. Select the file to update, in the column of [Target]. Then, also select the module corresponding to the module selected at [Target].

Step 8. [It is possible to update!] is displayed in the screen when terminal MODEL information and model information of the file, to do the [Update]/[Verify]/[CHECK SUM], is matched. Then the operation of [Update], [Verify], or [CHECK SUM] is possible.

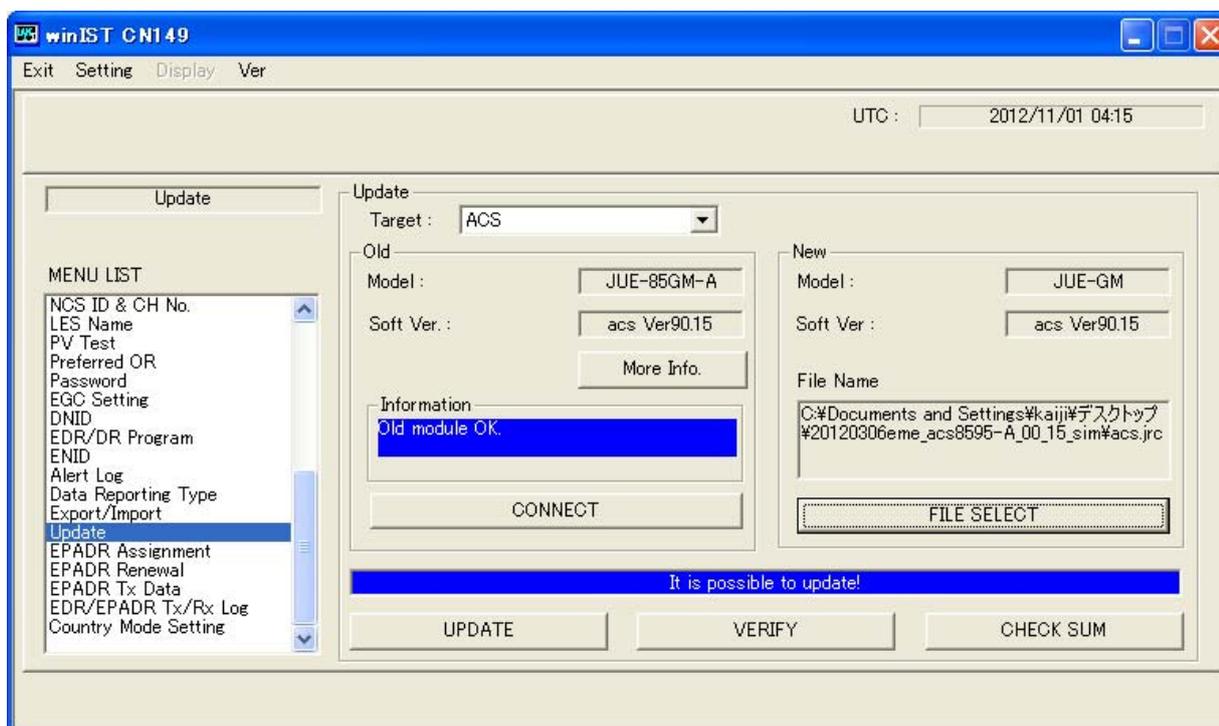


Fig. 4-33k Update [OK] screen

To Update

Step 8. Click [Update], then following dialogue box is displayed. To click [Yes], to start [Update]. Click [No], to cancel the job.

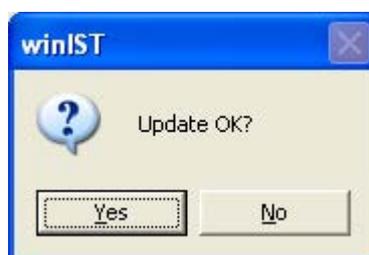


Fig. 4-33l Update confirmation dialogue box

Step 9. Dialogue box with status of [Update] is displayed, wait until it is completed.

Repeat the procedure from Step2 again to retry [Update] when you cancelled the job in step 8, because the screen is returned to [Update] screen.

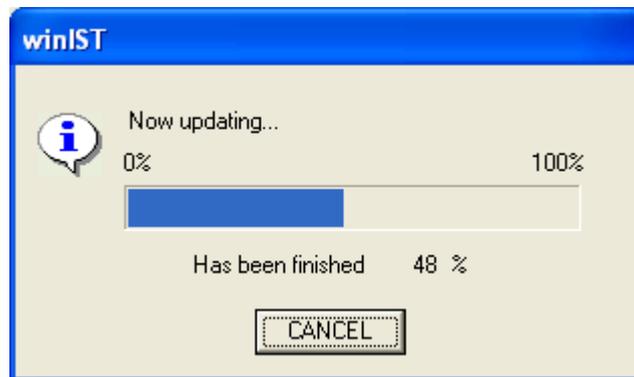


Fig. 4-33m Update progress display window

Step 10. Following dialogue box is displayed when [Update] is completed.



Fig. 4-33n Update completed dialogue box

Step 11. Click [OK], then the screen is returned to [Update].

Step 12. Reboot the INMARSAT terminal.

To Verify

Step 8. Click [Verify], then following dialogue box is displayed.

Click [Yes] to start [Verify]. Click [No] to cancel the job.



Fig. 4-33o Verify confirmation dialogue box

Step9. Dialogue box which indicates status of [Verify] execution is displayed, wait until completion. Repeat the procedure from Step2, to retry [Verify] when you cancelled the job in step 8, because the screen is returned to [Update] screen.

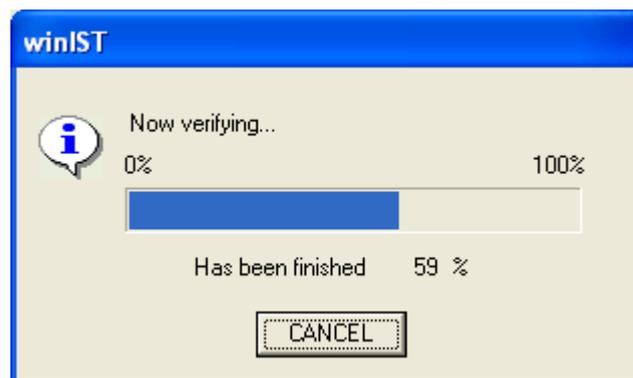


Fig. 4-33p Verify progress display window

Step 10. Following dialogue box is displayed when [Verify] is completed.



Fig. 4-33q Verify completion dialogue box

To carry out [Checksum]

Step 8. Click [Checksum] button, then following dialogue box is displayed. And click [Yes] to start [Checksum]. Click [No] button when you cancel the job.



Fig. 4-33r Checksum confirmation dialog box

Step 9. Dialogue box which indicates progress of [Checksum] execution is displayed, wait until completion. Repeat the procedure from Step2, to retry [Checksum] when you cancelled the job in step 8, because the screen is returned to [Update] screen.

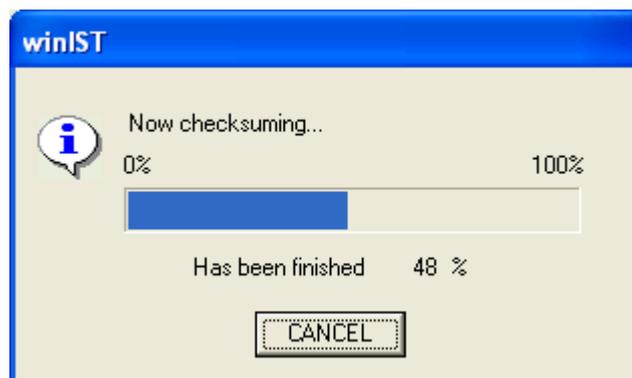


Fig. 4-33s Checksum progress display window

Step 10. Following dialogue box is displayed when [Checksum] is completed.



Fig. 4-33t Checksumcompletion dialog box

NOTE

1. Data cannot be set when the data reception is failed.
2. Following dialogue box is displayed after clicking [FILE [SELECT], [CONNECT], [UPDATE], [VERIFY],or [CHECKSUM] button, when command transmission into the terminal is failed

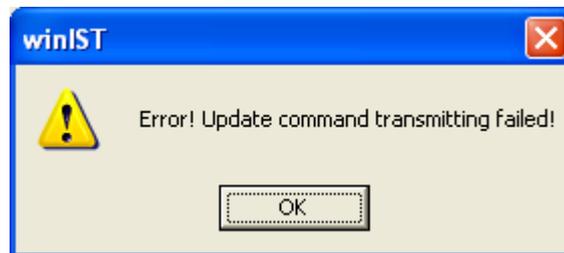


Fig. 4-33u Command transmission error dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

NOTE

3. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of [DNID]. screen cannot be operated.)
4. Following dialogue box is displayed at [Fig. 4-33j File Select] when you select the file, which is, not exist in winIST. Select the file exist in winIST.

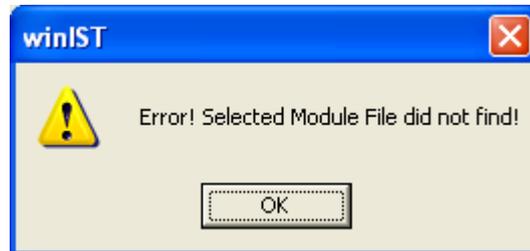


Fig. 4-33v No module file error dialogue box

5. Red column is displayed when winIST failed to acquire the Old information or the acquired Old information is illegal, the Information column is turned to red. Model column is turned to empty when the Model of IME and EME is not matched(refer [Fig. 4-32-23 Old information acquisition error Update screen]).

Also, software version column is turned empty when the winIST failed to acquire Software version. In this case, please contact the dealer, a JRC agent or JRC branch office.

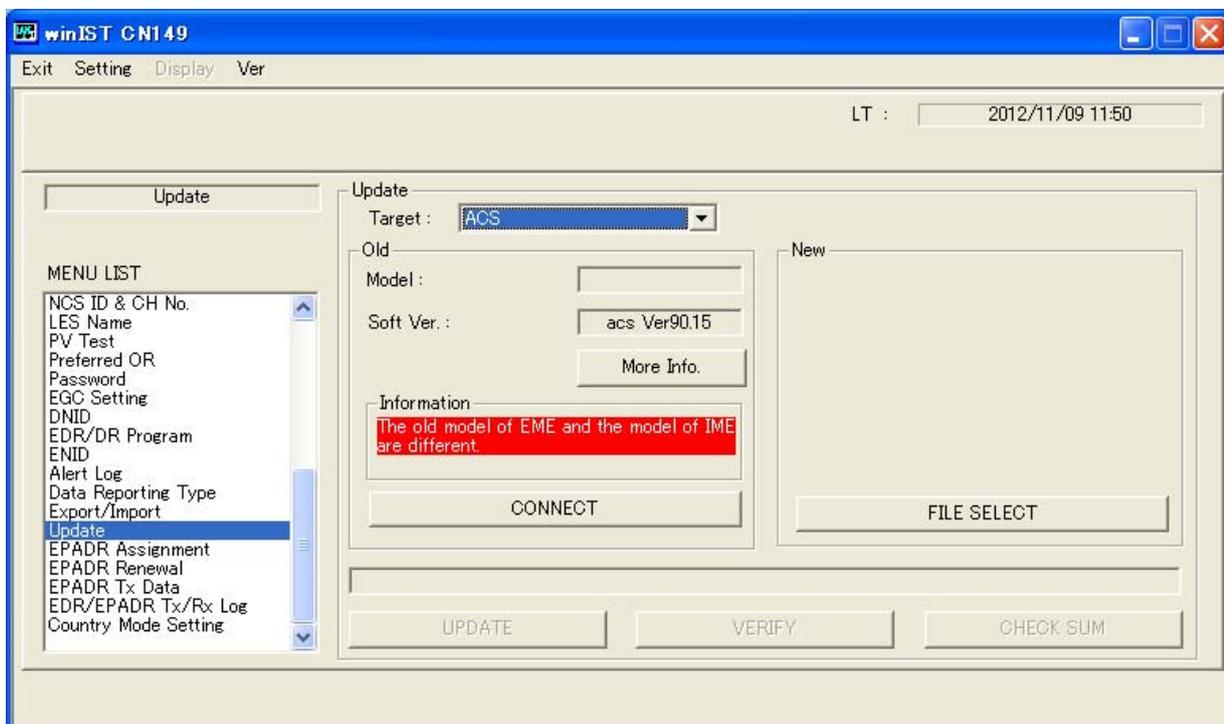


Fig. 4-33w Old information acquisition error Update screen

Detailed Old information can be confirmed when you click [More Info] button.

NOTE

*Following [More Info] window is displayed when the [Model] of EME and IME is not matched.

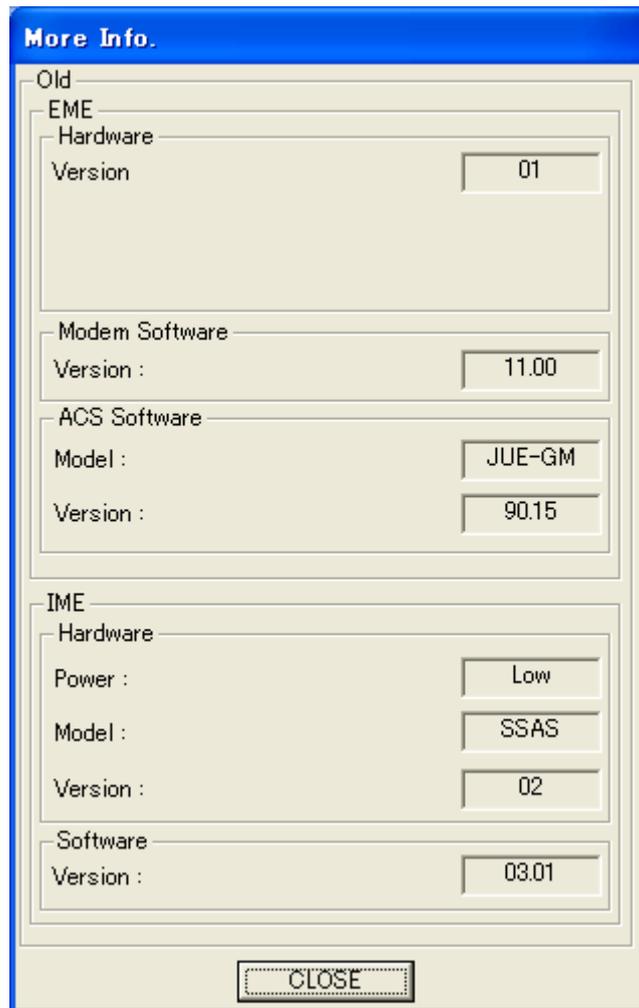


Fig. 4-33x [More Info] display window at Old information acquisition error

NOTE

- The Model is not matched between in the Old information and in the Module file, warning is displayed in the lower part of the screen as red column. In this case, please contact the dealer, a JRC agent or JRC branch office.

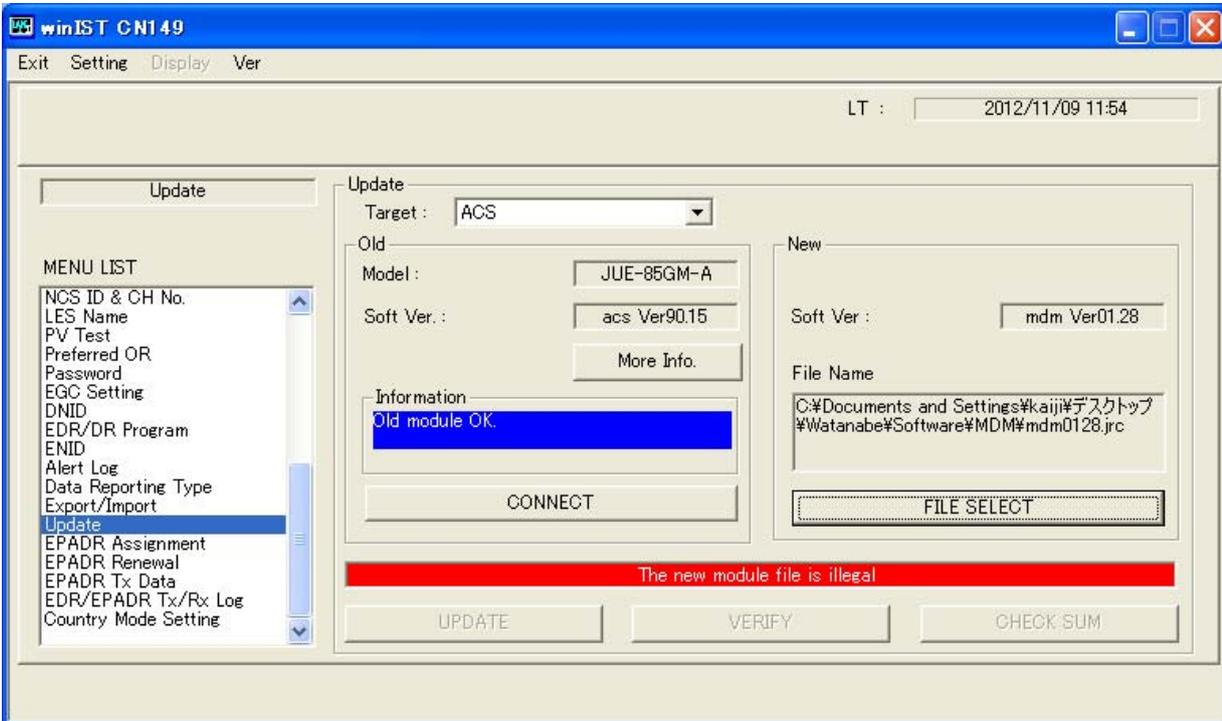


Fig. 4-33y Up date screen at the Model information of [Old] and [New] is not matched

- Following dialogue box is displayed in [Fig. 4-33j File Select window],[Fig. 4-33m Update progress display window],[Fig. 4-33p Verify progress display window], [Fig. 4-33s Checksum progress display window] when you select illegal module file. Select proper file.



Fig. 4-32z Illegal module file read out error display dialogue box

NOTE

- The Model is not matched between in the Old information and in the Module file, warning is displayed in the lower part of the screen as red column. In this case, please contact the dealer, a JRC agent or JRC branch office.

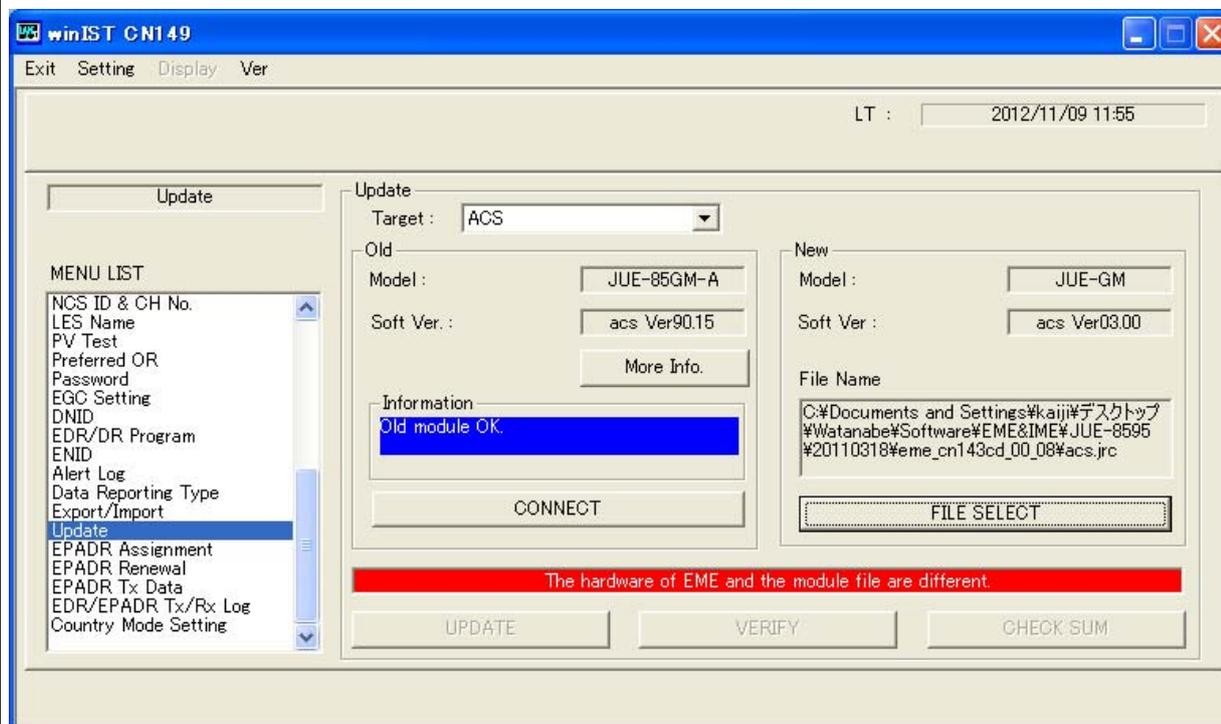


Fig. 4-32A Up date screen at the hardware of [Old] and [New] is not matched

4-34 [EPADR Assignment] Confirmation / Request

EPADR Assignment can be confirmed and requested in [EPADR Assignment] screen.

4-34-1 [EPADR Assignment] Confirmation

Step 1. Click [EPADR Assignment] in [MENU LIST], then following screen is displayed.

(Click [EPADR Assignment] in [MENU LIST] again or click [Refresh] button to renew [EPADR Assignment] again.)

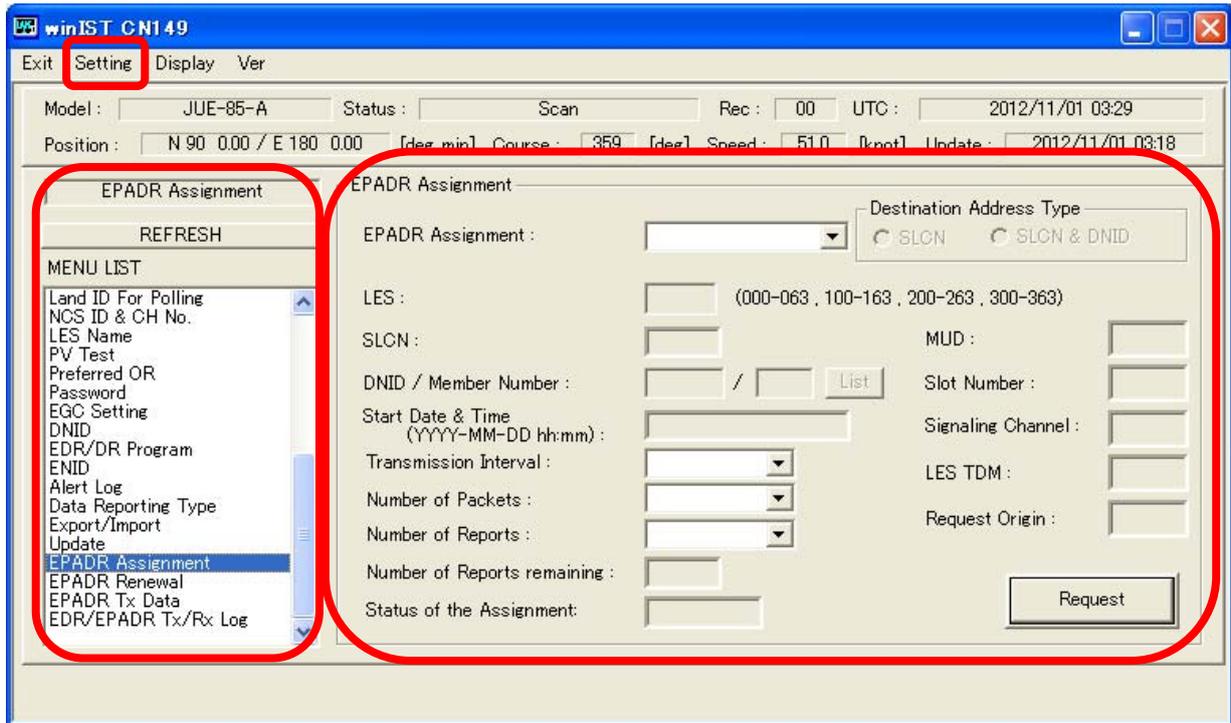


Fig. 4-34-1a [EPADR Assignment] screen

Step 2. Select [EPADR Assignment] you want to confirm from Assignment #1 to #5.

Step 3. Selection of Assignment will display the contents of Assignment as follows.

It becomes a blank display when data is not registered into selected Assignment.

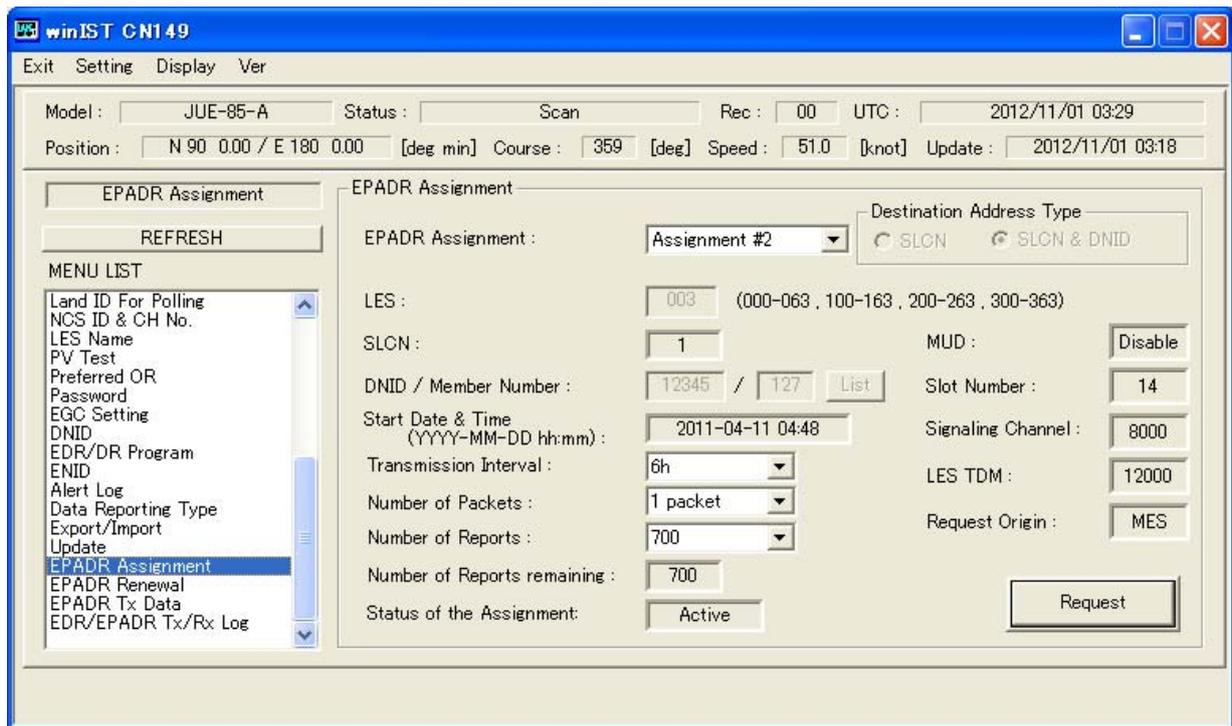


Fig. 4-34-1b [EPADR Assignment] screen

Step 4. Confirm following data on above window:

- LES
- Slot Logical Channel Number
- DNID
- Member Number
- Start Date&Time
- Transmission Interval
- Number of Packets
- Number of Reports
- Number of Reports remaining
- Status of the Assignment
- MUD(Multi User Detection)
- Slot Number
- Signaling Channel
- LES TDM
- Request Origin

NOTE

1. Empty column is displayed when winIST failed to receive the message.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-34-1a [EPADR Assignment] screen** cannot be operated.)

4-34-2 [EPADR Assignment] Request(Change)

Step 1. Click [EPADR Assignment] in [MENU LIST], then screen is displayed.

Step 2. Select [EPADR Assignment] you want to change from Assignment #1 to #5.

Step 3. Select [Transmission Interval].

Step 4. Select [Number of Packets].

Step 5. Select [Number of Reports].

Step 6. Click [Request] button when setting is completed, then following screen is displayed.

Step 7. Click [OK] button to start EPADR Assignment Request, and click [Cancel] button to quit EPADR Assignment Request.

The screen is return to [EPADR Assignment] screen when EPADR Assignment Request is canceled. Repeat the operation Step6, when you retry EPADR Assignment Request.

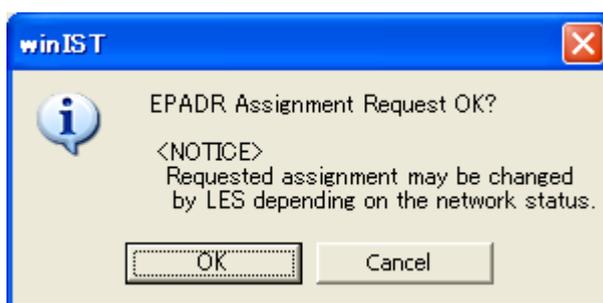


Fig. 4-34-2a EPADR Assignment Request confirmation dialogue box

Step 8. The following screen is displayed by the result of a EPADR Assignment Request.

Accept

It is displayed when MES Accept Assignment transmitted in response to a EPADR Assignment Request.

When the screen currently displayed is [EPADR Assignment], the following dialogue box is displayed(Fig. 4-34-2b EPADR Assignment Request complete dialogue box1).

If this screen is closed, all the Assignment(s) will be automatically read from MES.



Fig. 4-34-2b EPADR Assignment Request complete dialogue box1

(Accept, Current screen : EPADR Assignment)

When other menus are being operated, the following dialogue box is displayed (Fig. 4-34-2c EPADR Assignment Request complete dialogue box2).

In this case, it does not read automatically.

Click [EPADR Assignment] in [MENU LIST] and confirmation Assignment.

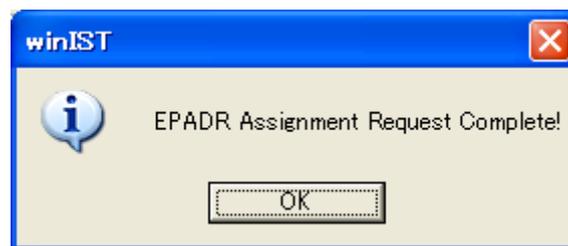


Fig. 4-34-2c EPADR Assignment Request complete dialogue box2

(Accept, Current screen : except EPADR Assignment)

Reject

It is displayed when MES Reject Assignment transmitted in response to a EPADR Assignment Request.

The following dialogue box is displayed for the reason of Reject.

Reason Code/Status code which shows the reason of Reject with a message is displayed.

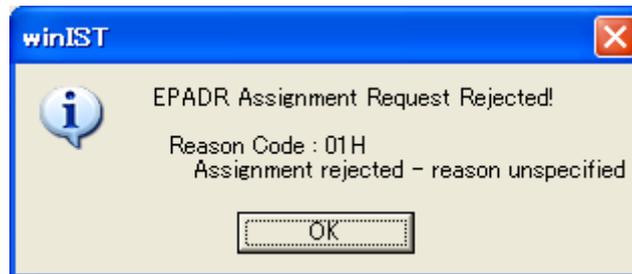


Fig. 4-34-2d EPADR Assignment Request complete dialogue box(Reject:Reason code)

Table. 4-34-2a Reason Code

Code	Mean
01H	Assignment rejected - reason unspecified
02H	MES cannot accept new assignments
03H	Conflicting assignment
04H	LCN already assigned with this LES
05H	Destination address rejected - The address is unacceptable

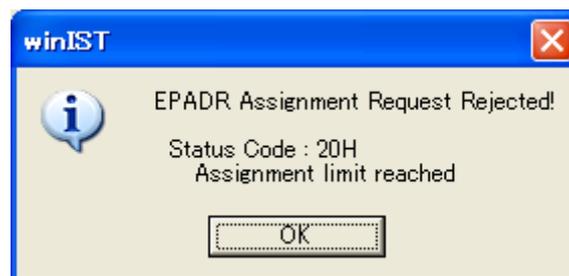


Fig. 4-34-2e EPADR Assignment Request complete dialogue box(Reject: Status code)

表 4-34-2b Status Code

コード	内容
05H	Requested Service not provided
07H	Request Barred
08H	MES not logged in
09H	MES not Commissioned
0BH	Illegal Request
0CH	LES not in service
0DH	Requested service temporarily unavailable
0EH	Renewal rejected
0FH	Unknown assignment
13H	MES has not subscribed to this service
17H	Unacceptable parameters in request
18H	Requested interval not allowed
19H	Requested duration not allowed
20H	Assignment limit reached
30H	Requested service temporarily unavailable
31H	Renewal temporarily not possible

SLCA Request transmit failed

When the SLCA Request transmission to LES from MES goes wrong, the following dialogue box is displayed.(Fig. 4-34-2f)

Please perform Request once again.

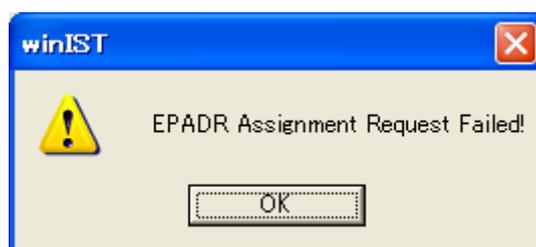


Fig. 4-34-2f EPADR Assignment Request failed dialogue box

SLCA Request transmit canceled with New Request

When EPADR Assignment Request is overwritten by new communication and goes wrong, the following dialogue box is displayed.



Fig. 4-34-2g EPADR Assignment Request canceled(New Request) dialogue box

SLCA Request transmit canceled by Forced Clear

When EPADR Assignment Request is canceled by Forced Clear, the following dialogue box is displayed.



Fig. 4-34-2h EPADR Assignment Request canceled(Forced Clear) dialogue box

SLCA Request transmit canceled by Distress

When EPADR Assignment Request is canceled by Distress Alert, the following dialogue box is displayed.



Fig. 4-34-2i EPADR Assignment Request canceled(Distress Alert) dialogue box

NOTE

1. When Request is performed, Assignment saved at PC tool and Assignment in MES have a difference, the following dialogue box is displayed.

If this dialogue box is closed, all the Assignment(s) will be automatically read from MES.



Fig. 4-34-2j Assignment disagreement between MES-PC tools dialogue box

2. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after requested.



Fig. 4-34-2k Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4-34-3 [EPADR Assignment] Request(New)

Step 1. Click [EPADR Assignment] in [MENU LIST], then screen is displayed.

Step 2. Select **Blank Assignment** from Assignment #1 to #5.

Step 3. Select [Destination Address Type].

Step 4. Input [LES].

Step 5. Input [DNID/Member Number].

Step 6. Select [Transmission Interval].

Step 7. Select [Number of Packets].

Step 8. Select [Number of Reports].

Step 9. Click [Request] button when setting is completed, then confirmation dialogue box is displayed.(Fig. 4-34-2a)

Step 10. Click [OK] button to start EPADR Assignment Request, and click [Cancel] button to quit EPADR Assignment Request.

The screen is return to [EPADR Assignment] screen when EPADR Assignment Request is canceled. Repeat the operation Step9, when you retry EPADR Assignment Request.

Step 11. Dialogue box is displayed by the result of a EPADR Assignment Request.

Dialogue box displayed is the same as a [EPADR Assignment] Request(Request).

NOTE

1. Following dialogue box is displayed after [Request] button is clicked, when entered data is incorrect. Correct the data with referring response.



Fig. 4-34-3a LES ID setting error dialogue box

Response: Set the correct LES ID.



Fig. 4-34-3b DNID setting error dialogue box

Response: Set the correct DNID.

NOTE



Fig. 4-34-3c Member No. setting error dialogue box

Response: Set the correct Member No.



Fig. 4-34-3d Unset up parameter error dialogue box

Response: Set the All data.

2. Following dialogue box is displayed after [Request] button is clicked, When four Assignments are already registered.

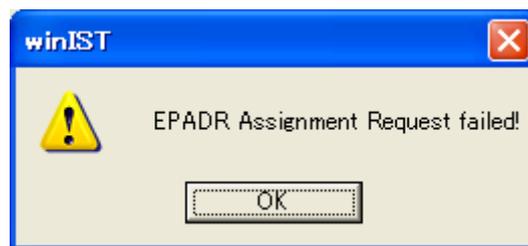


Fig. 4-34-3e new Assignment request is impossible dialogue box

NOTE

3. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after requested.



Fig. 4-34-3f Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

4-35 [EPADR Renewal] Confirmation

The information of EPADR Renewal can be confirmed in [EPADR Renewal] screen.

Step 1. Click [EPADR Renewal] in [MENU LIST], then following screen is displayed.

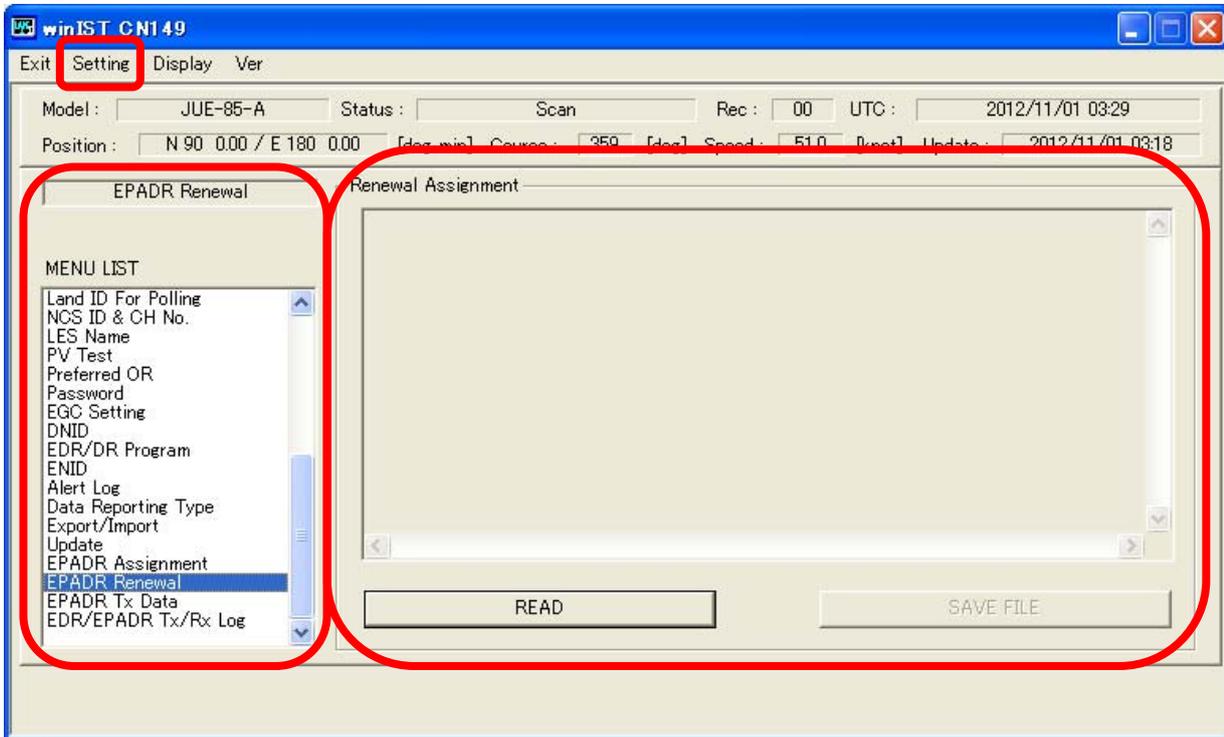


Fig. 4-35-1a [EPADR Renewal] screen

Step 2. Click [READ] button to read out [EPADR Renewal] information from INMARSAT terminal.

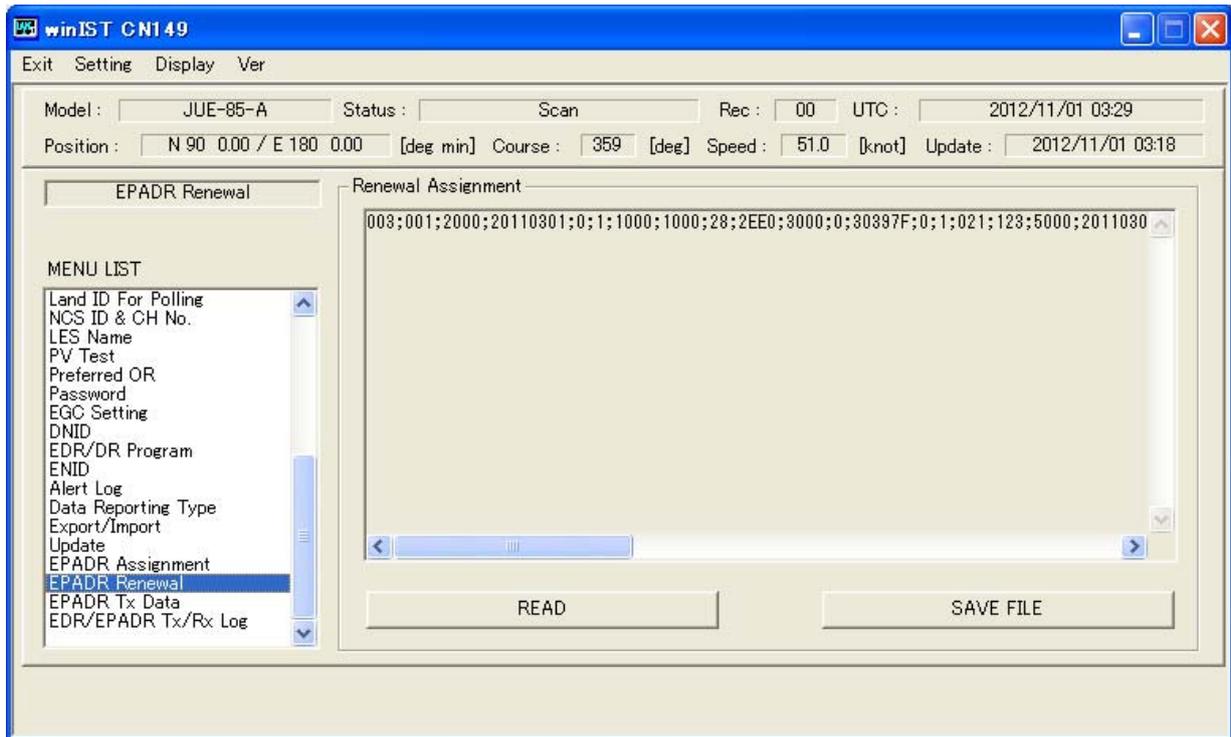


Fig. 4-35-1b [EPADR Renewal] data acquisition succeeded screen

Step 3. Confirm data on above screen.

*To save the data of [EPADR Renewal] to a file:

- i. Click [SAVE FILE] button on the screen of [EPADR Renewal] data acquisition succeeded screen after data of [EPADR Renewal] is received.
- ii. Following window is displayed, then select the destination and file name, then click [OK].

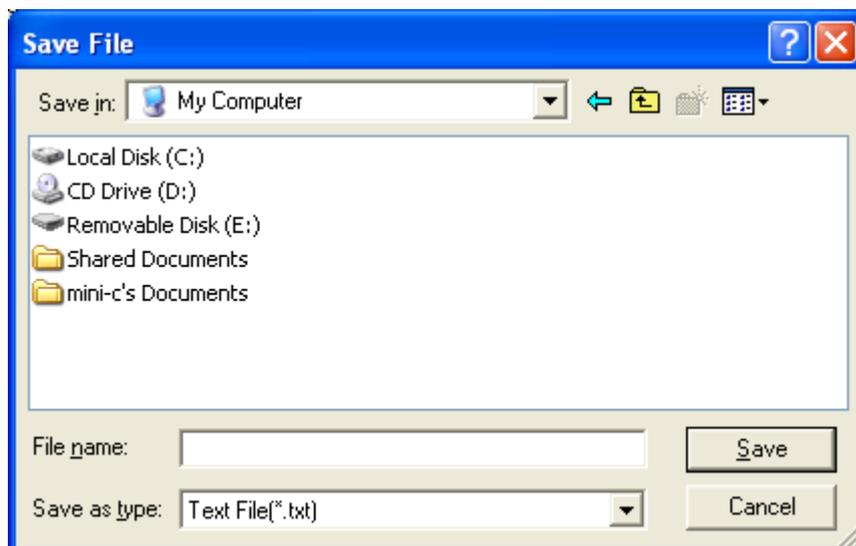


Fig. 4-35-1c Save File window

NOTE

1. Empty column is displayed when winIST failed to receive the data.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-35-2a [EPADR Renewal] screen** cannot be operated).

4-36 [EPADR Tx Data] Confirmation / Setting

EPADR Tx Data can be confirmed and set in [EPADR Tx Data] screen.

4-36-1 [EPADR Tx Data] Confirmation

Step 1. Click [EPADR Tx Data] in [MENU LIST], then following screen is displayed.

(Click [EPADR Tx Data] in [MENU LIST] again or click [Refresh] button to renew [EPADR Tx Data] again.)

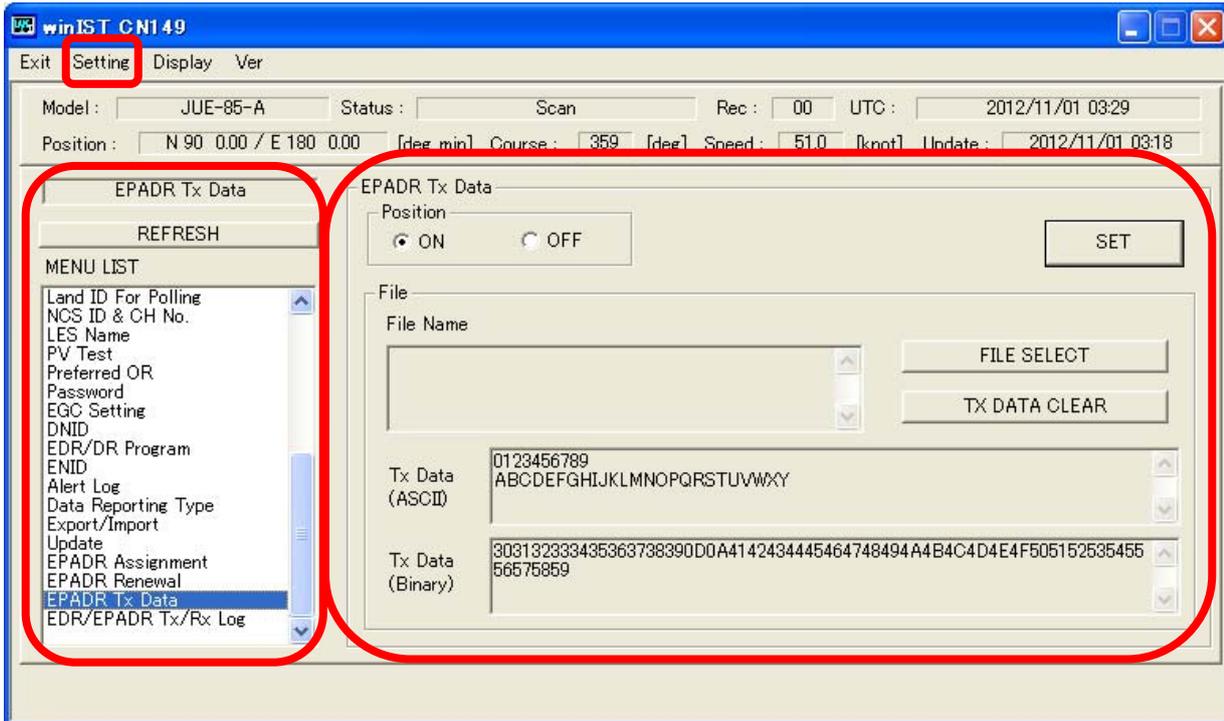


Fig. 4-36-1a [EPADR Tx Data] screen

Step 2. Confirm the data of [EPADR Tx Data] on above screen.

- Position
- Tx Data

NOTE

1. Empty column is displayed when winIST failed to receive the data.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-36-1a [EPADR Tx Data] screen** cannot be operated).

4-36-2 [EPADR Tx Data] Setting

Step 1. Click [EPADR Tx Data] in [MENU LIST], then [EPADR Tx Data] screen is opened.

Step 2. Select [Position], from ON or OFF.

When Position is turned ON, position information is added to the send data of EPADR.

Step 3. When transmit arbitrary data, prepare the file which described data and click [FILE SELECT] button.

When not transmitting arbitrary data, it is not necessary to choose a file.

*About the contents of a file:

Either ASCII or Binary is OK as file data.

However, since the maximum send data size of an EPADR packet is 39 bytes, when the data of a file is 40 bytes or more, even 39 bytes is treated as send data.

Step 4. Click [FILE SELECT] button, when following dialogue is displayed.

Select the file to set up.

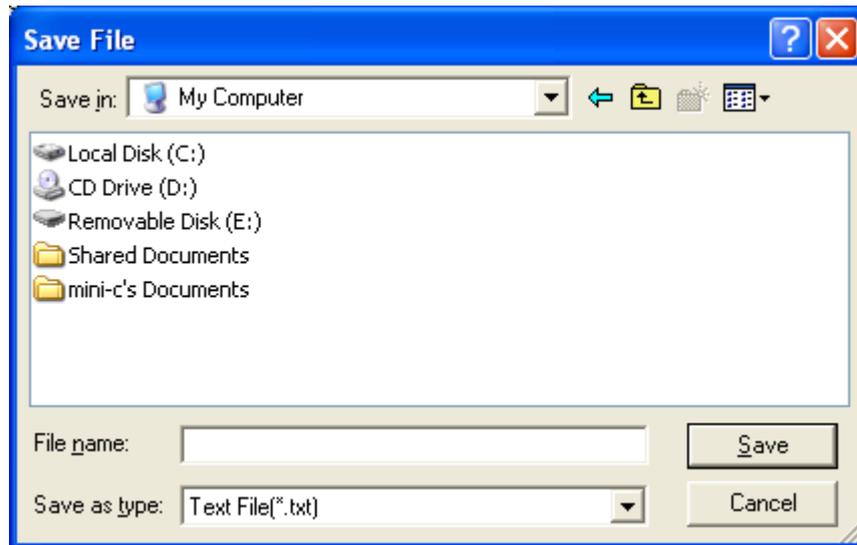


Fig. 4-36-2a File Select window

When a file is specified, the pathname of a file is displayed on File Name, and it displays the contents of a file on Tx Data.

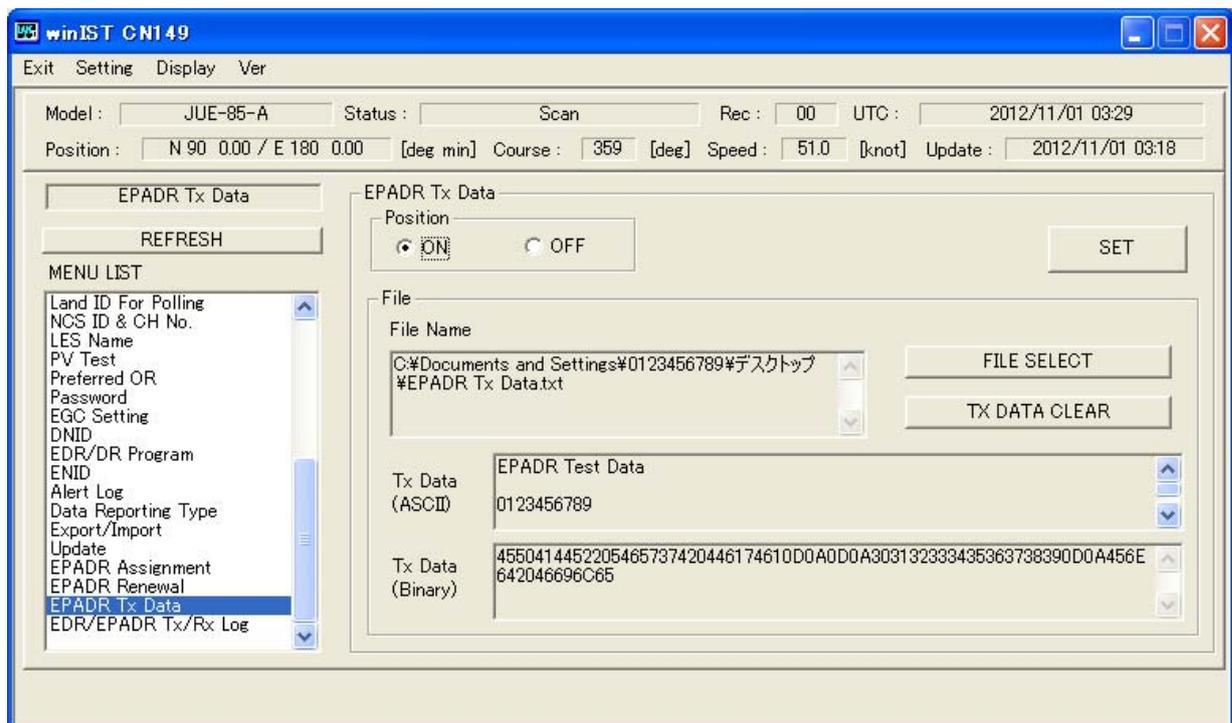


Fig. 4-36-2b [EPADR Tx Data] screen(File selected)

When you delete the set-up file data, please push the [TX DATA CLEAR] button.

Step 5. Click [Request] button when setting is completed, then following screen is displayed.

Step 6. Click [OK] button to write the data to INMARSAT terminal, and click [Cancel] button to quit EPADR Tx Data setting.

The screen is return to [EPADR Tx Data] screen when EPADR Tx Data setting is canceled.

Repeat the operation Step5, when you retry EPADR Tx Data setting.

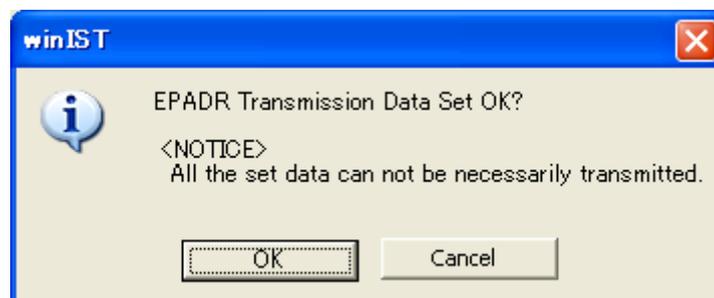


Fig. 4-36-2c [EPADR Tx Data] confirm dialogue box

NOTE

1. Data cannot be set when the data reception is failed.
2. When Position is set as OFF, it is necessary to certainly set up Tx Data.

When Position click the [SET] button in the state of Tx Data un-setting up in OFF, the following dialogue is displayed. Correct the data with referring response.

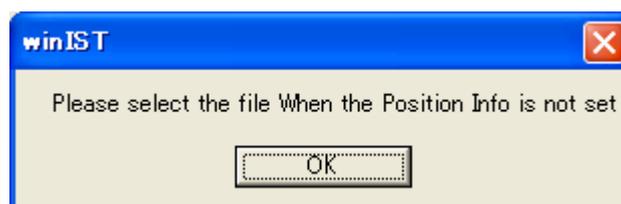


Fig. 4-36-2d setting error dialogue box

Response: Set the position ON or set up file data.

NOTE

3. Following dialogue box is displayed when winIST failed to write the data to INMARSAT terminal, after EPADR Tx Data is set.



Fig. 4-36-2e Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
 - ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
 - iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.
4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function of **Fig. 4-36-1a [EPADR Tx Data] screen** cannot be operated.)

4-37 [EDR/EPADR Tx/Rx Log] Confirmation

The log of EDR/EPADR transmit/receive can be confirmed in [EDR/EPADR Tx/Rx Log] screen.

Step 1. Click [EDR/EPADR Tx/Rx Log] in [MENU LIST], then following screen is displayed.

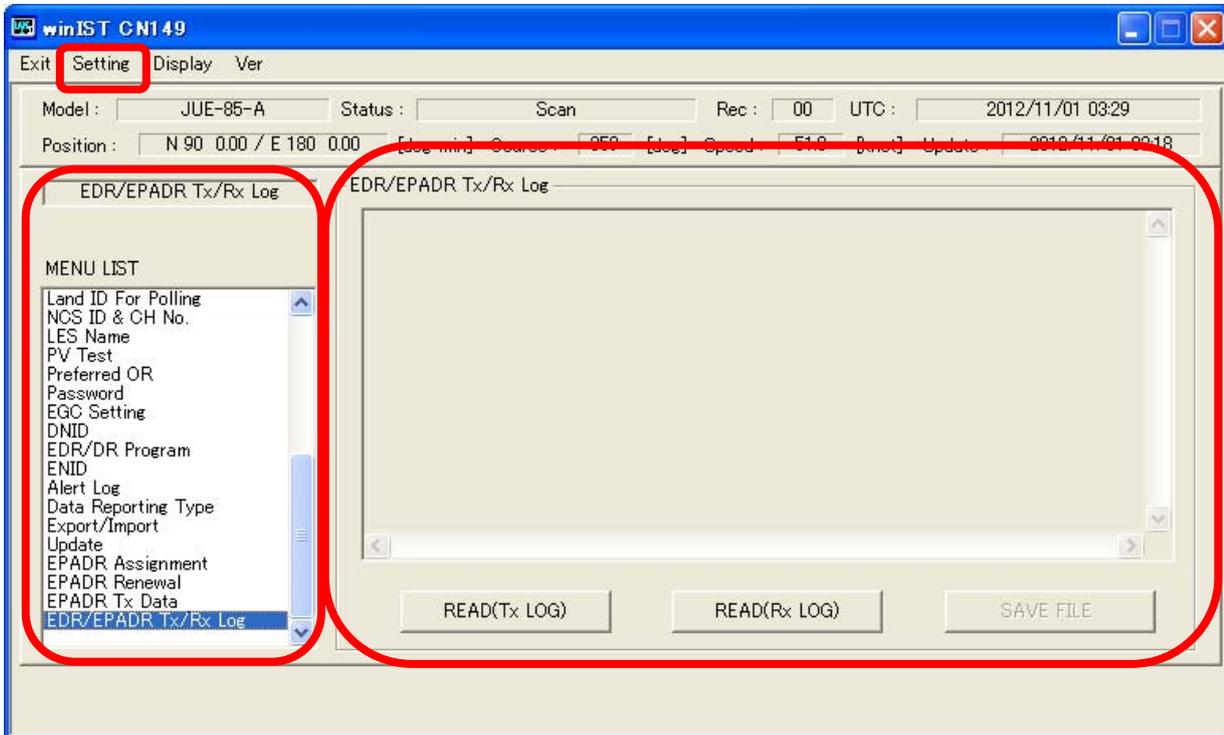


Fig. 4-37-1a [EDR/EPADR Tx/Rx Log] screen

Step 2. Click [READ(Tx LOG)] or [READ(Rx LOG)] button to read out [Tx/Rx LOG] from INMARSAT terminal.

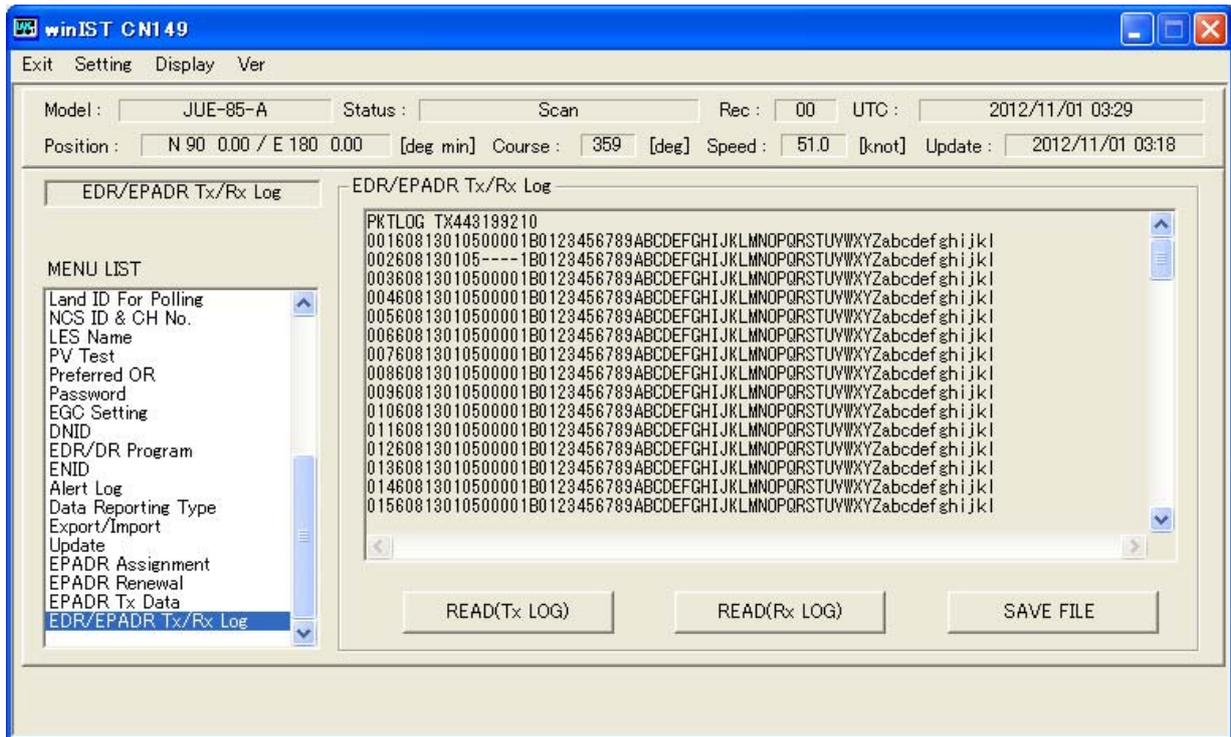


Fig. 4-37-1b [EDR/EPADR Tx Log] data acquisition succeeded screen

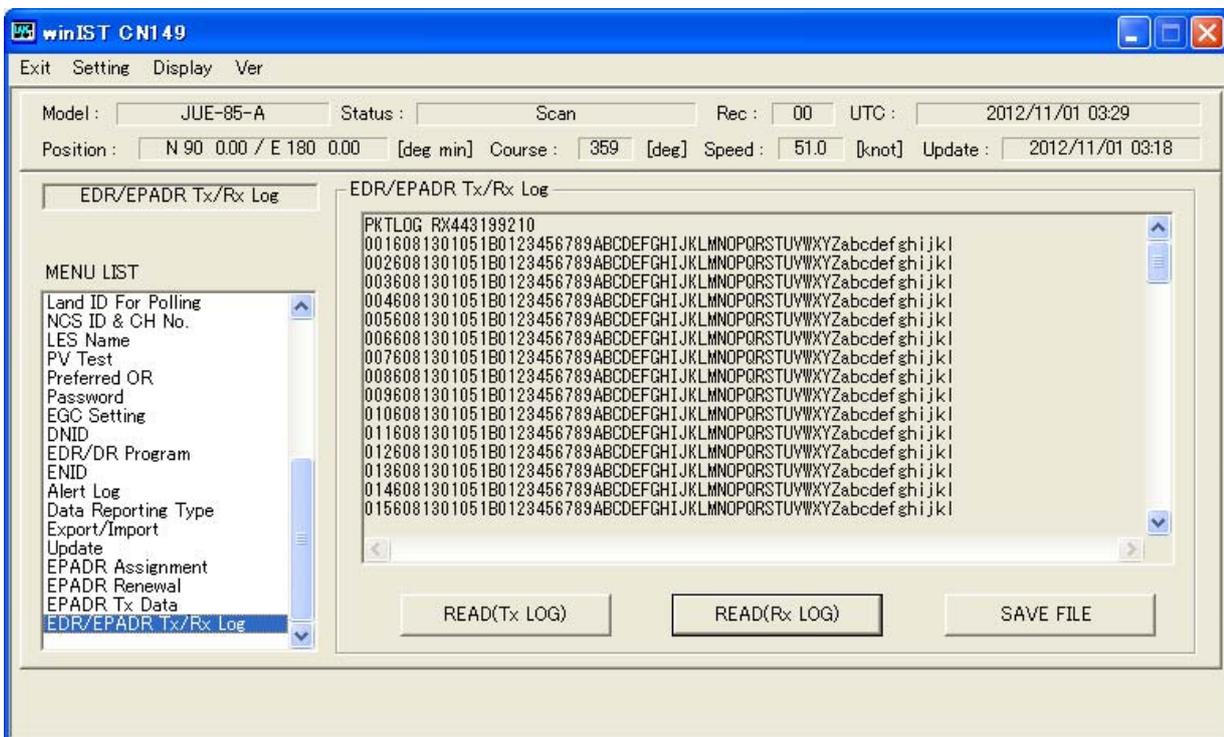


Fig. 4-37-1c [EDR/EPADR Rx Log] data acquisition succeeded screen

Step 3. Confirm data on above screen.

*To save the data of [Tx/Rx LOG] to a file:

- i. Click [SAVE FILE] button on the screen of [EDR/EPADR Tx LOG] data acquisition succeeded screen or the screen of [EDR/EPADR Rx LOG] data acquisition succeeded screen after data is received.
- ii. Following window is displayed, then select the destination and file name, then click [OK].
Log currently displayed on the present screen is saved.

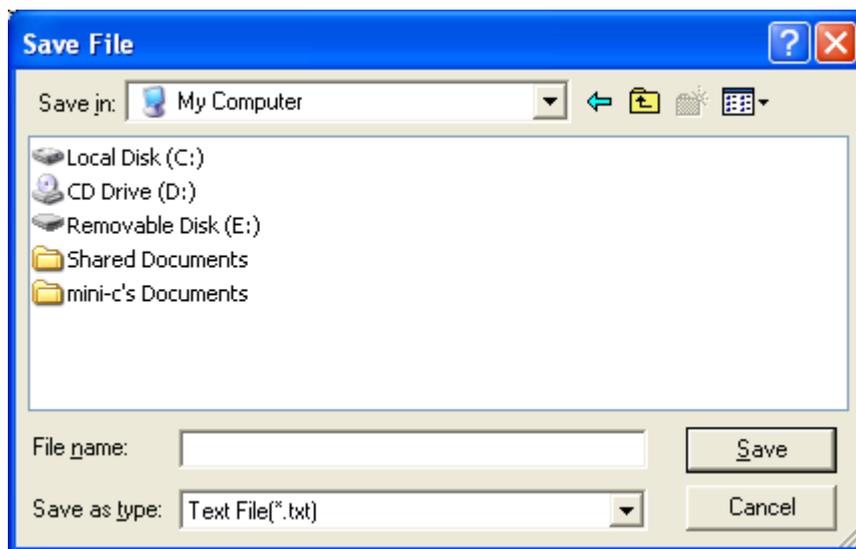


Fig. 4-37-1d Save File window

NOTE

1. Empty column is displayed when winIST failed to receive the data.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of Fig. 4-37-1a [EDR/EPADR Tx/Rx LOG] screen cannot be operated).

4-38 [Country Mode Setting] Confirmation / Setting

Country Mode can be confirmed and set in [Country Mode Setting] screen.

4-38-1 [Country Mode Setting] Confirmation

Step 1. Click [Country Mode Setting] in [MENU LIST], then following screen is displayed.

(Click [Country Mode Setting] in [MENU LIST] again or click [Refresh] button to renew [Country Mode] again.)

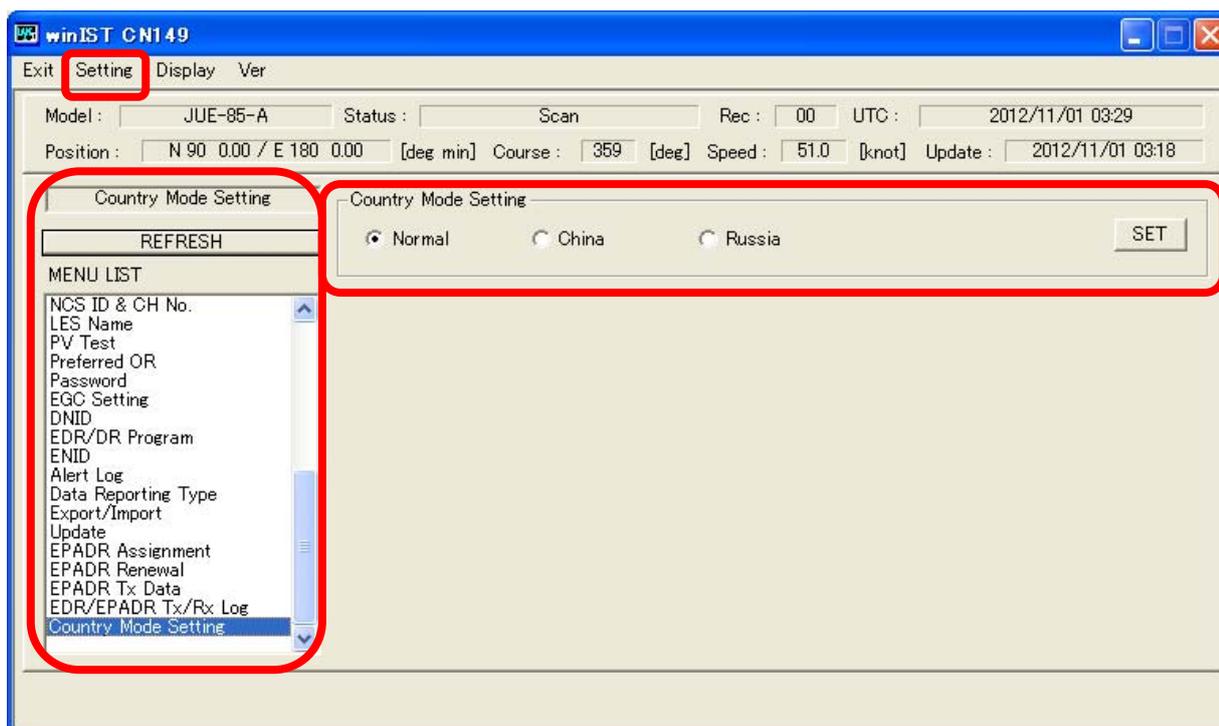


Fig. 4-38-1 [Country Mode Setting] screen

Step 2. Confirm the data of [Country Mode] on above screen.

NOTE

1. Each column is displayed empty when winIST failed to receive the data.

In this case, carry out following procedure, then confirm and set the data again.

- i. Click [Setting] in menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-38-1 [Country Mode Setting] screen** cannot be operated.)

4-38-2 [Country Mode Setting] Setting

Step 1. Click [Country Mode Setting] in [MENU LIST] then [Country Mode Setting] screen is displayed.

Step 2. Select [Country Mode Setting] from following 3 choices.

- Normal
- China
- Russia

Step 3. Click [SET] button.

NOTE

1. Data cannot be set when data reception is failed.
2. Following dialogue box is displayed after [SET] button is clicked, when entered data is incorrect. Correct the data with referring response.



Fig. 4-38-2a Country mode setting error dialogue box

Response: Select Country mode.

3. Following dialogue box is displayed after [SET] button is clicked when input data is incorrect.



Fig. 4-38-2b Data setting failure dialogue box

In this case, carry out following procedures, then confirm and set the data again.

- i. Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- ii. Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- iii. Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

NOTE

4. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal(the function in the frame of **Fig. 4-38-1 [Country Mode Setting] screen** cannot be operated).

4-39 SSAS Schedule for Russia Confirmation / Setting(Available for GM/SSAS model)

In addition to usual confirmation and setting a SSAS schedule, on the SSAS Schedule for Russia, confirmation and setting of the extended data for Russia SSAS can be carried out.

It is the same as the usual SSAS Schedule screen except an extended data division.

4-39-1 SSAS Schedule Confirmation(Available for GM/SSASmodel)

Step 1. Click [Scheduled Transmission] in [MENU LIST]. Then [Scheduled Transmission] screen is displayed.

Step 2. Press Ctrl+F10 key after the data of [Scheduled Transmission] is displayed on Scheduled Transmission screen.

Step 3. [Input Password] screen is displayed. Then, enter 4-digit password and click [OK] button.

Step 4. SSAS Schedule screen is displayed when correct password is entered.

Step 5. Select SSAS Schedule you want to set from SSAS Schedule #1 to #5.

Step 6. Confirm below outlined data in above screen.

- Requesting Interval
- LES
- Destination Code & Subscriber's No.
- Network Type
 - E-Mail
 - Telex
 - PSTN
 - Facsimile
 - PSDN
 - Closed Net
 - Special Access
- Security Alart ON/OFF
- SSAS Message
- Charactor Code

*When Network Type is Telex

- IA5
- ITA2

※When Network Type is except Telex

- IA5
- DATA

*When Network Type is PSTN

■ Modem Type

- V22
- V22bis
- V32bis

Step 7. The following Window will be displayed if IMO No. /Test Message is chosen by SSAS Schedule.

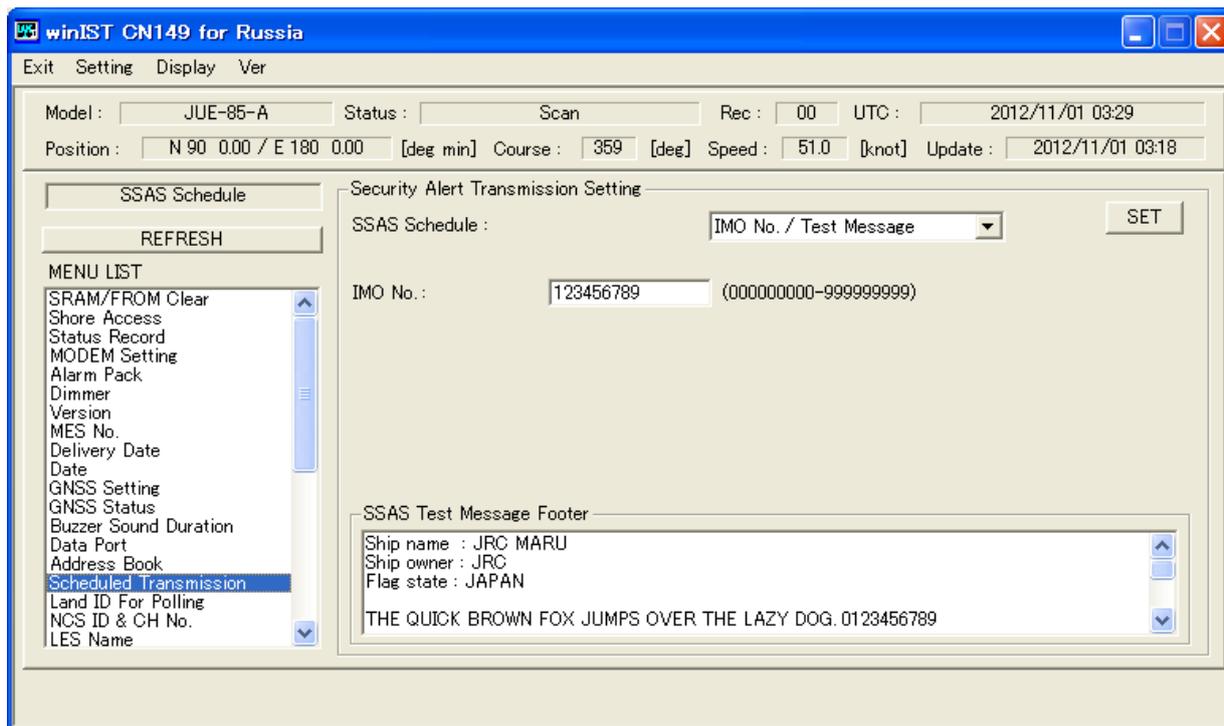


Fig. 4-39-1 SSAS Schedule for Russia screen

Step 8. Confirm below outlined data in above screen.

■ IMO No.

■ SSAS Test Message Footer

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal.

4-39-2 SSAS Schedule Setting(Available for GM/SSASmodel)

Step 1. Click [Scheduled Transmission] in [MENU LIST]. Then [Scheduled Transmission] screen is displayed.

Step 2. Press Ctrl+F10 key after the data of [Scheduled Transmission] is displayed on Scheduled Transmission screen.

Step 3. [Input Password] screen is displayed. Then, enter 4-digit password and click [OK] button.

Step 4. SSAS Schedule screen is displayed when correct password is entered.

Step 5. Select SSAS Schedule you want to set from SSAS Schedule #1 to #5.

Step 6. Input Requesting Interval within the range of 0 to 99.

Step 7. Input LES No.

Input LES No. to 1st box (from left) within the range of 000 to 063.

Input LES No. to 2nd box (from left) within the range of 100 to 163.

Input LES No. to 3rd box (from left) within the range of 200 to 263.

Input LES No. to 4th box (from left) within the range of 300 to 363.

Step 8. Select Network Type from following seven choices.

- E-mail
- Telex
- PSTN
- Facsimile
- PSDN
- Closed Net
- Special Access

※When E-mail or Special Access is selected to Network Type

Step 9 Input [Destination Code] and [Subscriber's No.] by alphabet (capital letter and small letter), 6 characters or less.

Step 10 Select [Character Code] from following choices.

- IA5
- DATA

Step 11. Set [Security Alert] ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 characters or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Telex is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]

Input [Destination Code] to 1st box (from left) within the range of 0 to 999.

Input [Subscriber's No.] to 2nd box (from left) by 11-digit figure.

Step 11. Select [Character Code] from following 2 choices.

- IA5
- ITA2

Step 12. Setup Security Alert ON/OFF.

Step 13. Input SSAS Message by one-byte character, 512 characters or less.

Step 14. Repeat the procedure from No.5 to No.13 when you edit other SSAS Scheduled data.

Step 15. Input IMO No.within the range of 0 to 9999999999.

Step 16. Input SSAS Test Message Footer by one-byte character, 512 characters or less.

Step 17. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When PSTN is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]

[Destination Code] to 1st box (from left) within the range of 0 to 999.

[Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 11. Select Modem Type from following 4 choices.

- V22
- V22bis
- V32bis
- Others

※Input character string, one alphabet and 3-digit figures when Others is selected.

Step 12. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 13. Setup Security Alert ON/OFF.

Step 14. Input SSAS Message by one-byte character, 512 characters or less.

Step 15. Repeat the procedure from No.5 to No.14 when you edit other SSAS Scheduled data.

Step 16. Input IMO No.within the range of 0 to 9999999999.

Step 17. Input SSAS Test Message Footer by one-byte character, 512 characters or less.

Step 18. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Facsimile is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]:

[Destination Code] to 1st box (from left) within the range of 0 to 999.

[Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 11. Select [Character Code] from following 2 choices:

- IA5
- DATA

Step 12. Setup Security Alart ON/OFF.

Step 13. Input SSAS Message by one-byte character, 512 characters or less.

Step 14. Repeat the procedure from No.5 to No.13 when you edit other SSAS Scheduled data.

Step 15. Input IMO No.within the range of 0 to 999999999.

Step 16. Input SSAS Test Message Footer by one-byte character, 512 characters or less.

Step 17. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When PSDN is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.].

[Destination Code] to 1st box (from left) within the range of 0 to 9999.

[Subscriber's No.] to 2nd box (from left) by 10-digit figure.

Step 11. Setup SSAS Schedule ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 character or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Input IMO No.within the range of 0 to 999999999.

Step 15. Input SSAS Test Message Footer by one-byte character, 512 characters or less.

Step 16. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Closed Net is selected to Network Type

Step 9 Input [Destination Code] and [Subscriber's No.] by 5 digit or less.

Step 10. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 11. Setup SSAS Schedule ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 character or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

NOTE

1. All data of SSAS Scheduled #1~#5 are written into INMARSAT terminal when [SET] button is pressed.

2. The data cannot be set when winIST failed to receive the data.

3. Following dialogue box is displayed when incorrect data is input and [SET] button is pressed.
Correct the data with referring below outlined Responses.

(● means No. 1 to 5 of SSAS Schedule.)



Fig. 4-39-2a Requesting Interval setting error dialogue box

• Error! Please SSAS Schedule #● Requesting Interval data from 1 to 99!!

Response: Setup the setting value of Requesting Intertval of SSAS Schedule #●,
within the range of 1 to 99.

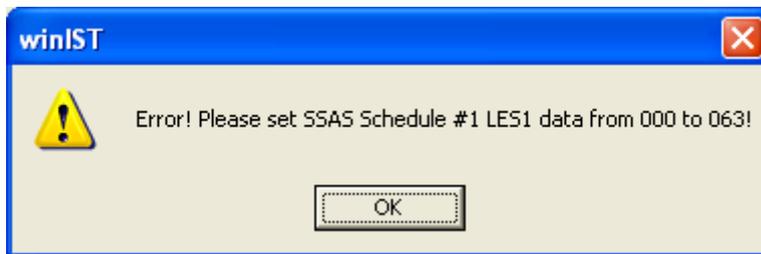


Fig. 4-39-2b LES 1 data setting error dialogue box

• Error! Please set SSAS Schedule #● LES1 data from 000 to 063!

Response: Set the LES No. to 1st box (from left) of SSAS Schedule #●,
within the range of 000 to 063.

NOTE

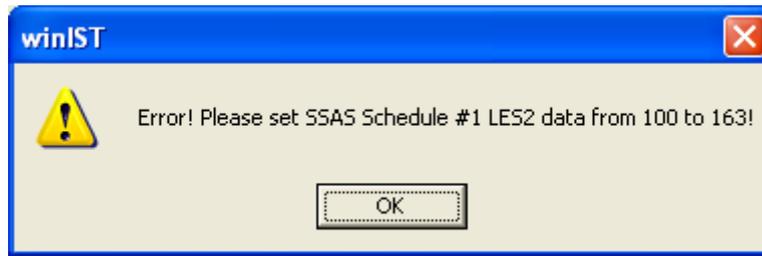


Fig. 4-39-2c LES 2 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES2 data from 100 to 163!
Response: Set the LES No. to 2nd box (from left) of SSAS Schedule #●, within the range of 100 to 163.

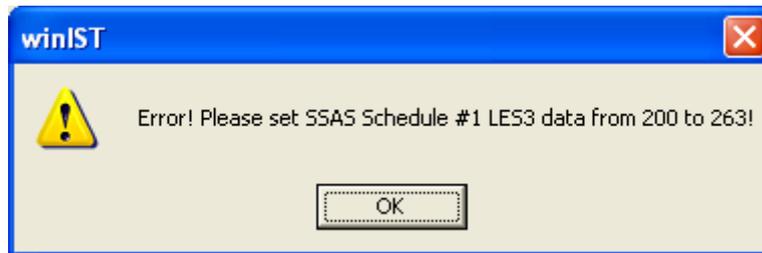


Fig. 4-39-2d LES 3 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES3 data from 200 to 263!
Response: Set the LES No. to 3rd box (from left) of SSAS Schedule #●, within the range of 200 to 263.

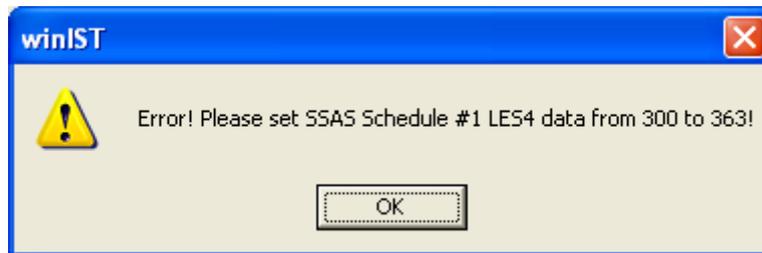


Fig. 4-39-2e LES 4 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES4 data from 300 to 363!
Response: Set the LES No. to 4th box (from left) of SSAS Schedule #●, within the range of 300 to 363.

NOTE

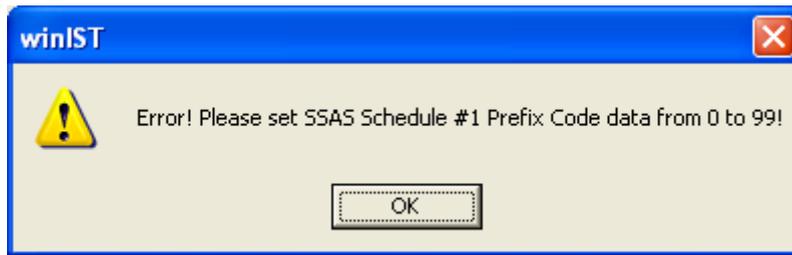


Fig. 4-39-2f Prefix Code data setting error dialogue box

- Error! Please set SSAS Schedule #● Prefix Code data from 0 to 99!

Response: Set the Prefix Code of SSAS Schedule #●, within the range of 0 to 99.

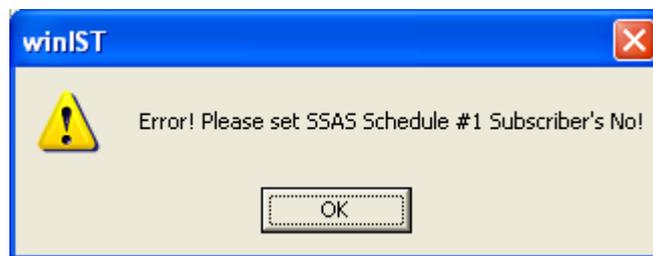


Fig. 4-39-2g Subscriber's No. setting error dialogue box

- Error! Please set SSAS Schedule #● Subscriber's No.!

Response: Set the subscriber's No. of SSAS Schedule #●,

Input subscriber's No. to 1st box (from left) within the range of 0 to 999.

Input subscriber's No. to 2nd box (from left) :

by 11-digit figure or less when Network Type is Telex.

by 10-digit figure or less when Network Type is PSDN.

by 12-digit figure or less when Network Type is PSTN or Facsimile.

by 5-digit figure or less when Network Type is Closed Net.

or by alphanumeric character 6-digit or less when Special Access or E-mail is selected.

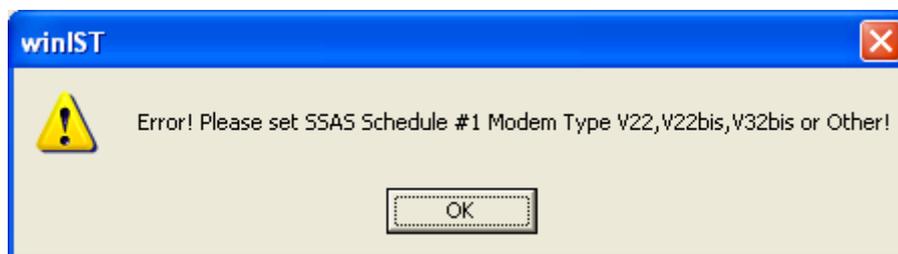


Fig. 4-39-2h Modem Type data setting error dialogue box

- Error! Please set SSAS Schedule#● Modem Type V22,V22bis,V32bis or Other!

Response: Select Modem Type of SSAS Schedule #● from V22,V22bis,V32bis, and Other.

Set the name of Modem Type to the box right side of button, by alphabet and figure.

NOTE

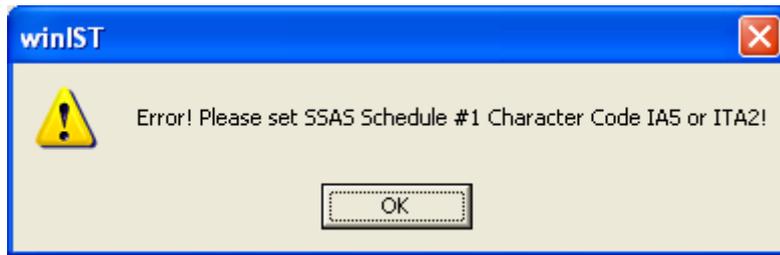


Fig. 4-39-2i [Character Code] data setting error dialogue box 1

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or ITA2!

Response: Select [Character Code] of SSAS Schedule #● from IA5 or ITA2.

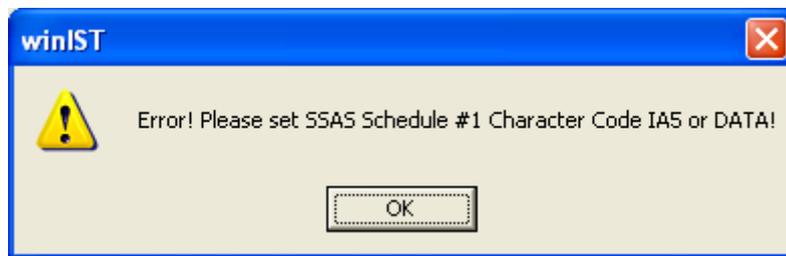


Fig. 4-39-2j [Character Code] data setting error dialogue box 2

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or DATA!

Response: Select [Character Code] of SSAS Schedule #● from IA5 and DATA.

4. Following dialogue box is displayed after clicking [SET] button, when winIST failed to write the data to INMARSAT terminal.



Fig. 4-39-2k Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

NOTE

5. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal.

4-40 SSAS Schedule for China Confirmation / Setting(Available for GM/SSAS model)

In addition to usual confirmation and setting a SSAS schedule, on the SSAS Schedule for China, confirmation and setting of the extended data for China SSAS can be carried out.

It is the same as the usual SSAS Schedule screen except an extended data division.

4-40-1 SSAS Schedule Confirmation(Available for GM/SSASmodel)

Step 1. Click [Scheduled Transmission] in [MENU LIST]. Then [Scheduled Transmission] screen is displayed.

Step 2. Press Ctrl+F10 key after the data of [Scheduled Transmission] is displayed on Scheduled Transmission screen.

Step 3. [Input Password] screen is displayed. Then, enter 4-digit password and click [OK] button.

Step 4. SSAS Schedule screen is displayed when correct password is entered.

Step 5. Select SSAS Schedule you want to set from SSAS Schedule #1 to #5.

Step 6. Confirm below outlined data in above screen.

- Requesting Interval
- LES
- Destination Code & Subscriber's No.
- Network Type
 - E-Mail
 - Telex
 - PSTN
 - Facsimile
 - PSDN
 - Closed Net
 - Special Access
- Security Alart ON/OFF
- SSAS Message
- Charactor Code

*When Network Type is Telex

- IA5
- ITA2

※When Network Type is except Telex

- IA5
- DATA

***When Network Type is PSTN**

■ Modem Type

- V22
- V22bis
- V32bis

Step 7. The following Window will be displayed if IMO No. /Test Message is chosen by SSAS Schedule.

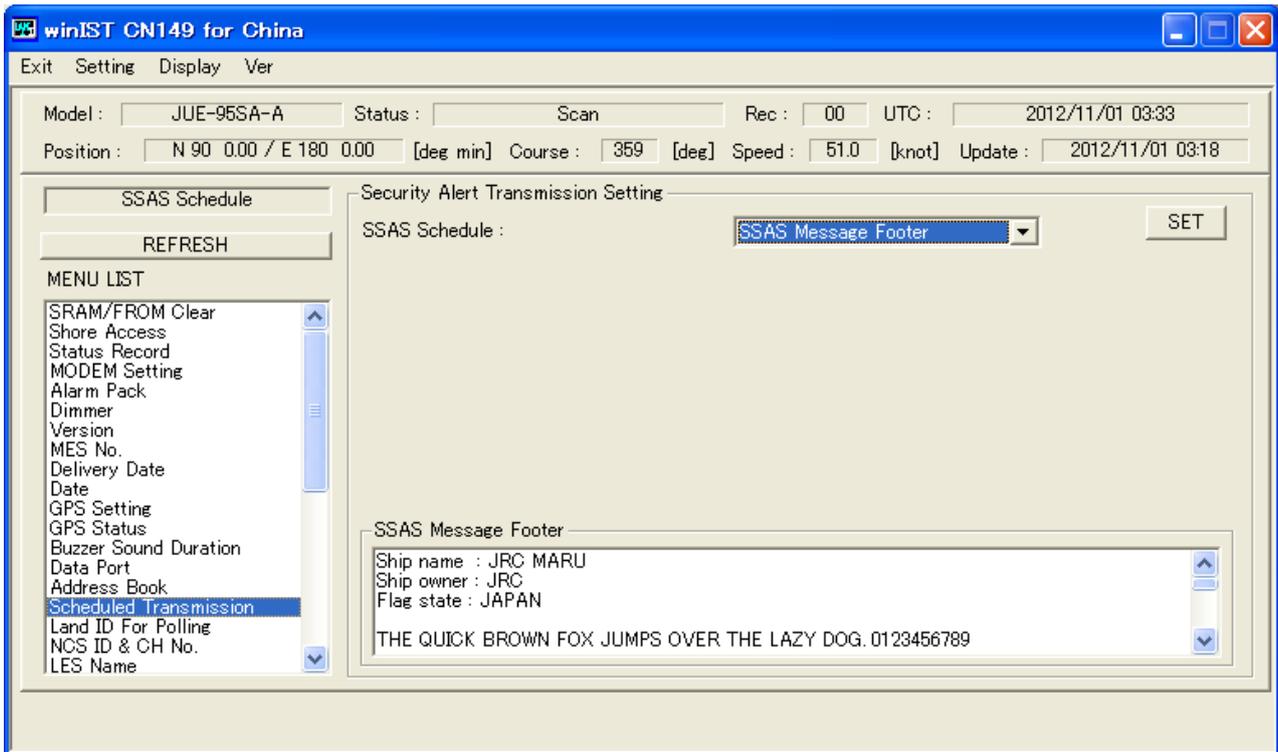


Fig. 4-40-1 SSAS Schedule for China screen

Step 8. Confirm below outlined data in above screen.

■ SSAS Message Footer

NOTE

1. Each column is displayed as empty when the data reception is failed.

In this case, carry out following procedure, then confirm and set the data again.

- Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

2. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal.

4-40-2 SSAS Schedule Setting(Available for GM/SSASmodel)

Step 1. Click [Scheduled Transmission] in [MENU LIST]. Then [Scheduled Transmission] screen is displayed.

Step 2. Press Ctrl+F10 key after the data of [Scheduled Transmission] is displayed on Scheduled Transmission screen.

Step 3. [Input Password] screen is displayed. Then, enter 4-digit password and click [OK] button.

Step 4. SSAS Schedule screen is displayed when correct password is entered.

Step 5. Select SSAS Schedule you want to set from SSAS Schedule #1 to #5.

Step 6. Input Requesting Interval within the range of 0 to 99.

Step 7. Input LES No.

Input LES No. to 1st box (from left) within the range of 000 to 063.

Input LES No. to 2nd box (from left) within the range of 100 to 163.

Input LES No. to 3rd box (from left) within the range of 200 to 263.

Input LES No. to 4th box (from left) within the range of 300 to 363.

Step 8. Select Network Type from following seven choices.

- E-mail
- Telex
- PSTN
- Facsimile
- PSDN
- Closed Net
- Special Access

※When E-mail or Special Access is selected to Network Type

Step 9 Input [Destination Code] and [Subscriber's No.] by alphabet (capital letter and small letter), 6 characters or less.

Step 10 Select [Character Code] from following choices.

- IA5
- DATA

Step 11. Set [Security Alert] ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 characters or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Telex is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]

Input [Destination Code] to 1st box (from left) within the range of 0 to 999.

Input [Subscriber's No.] to 2nd box (from left) by 11-digit figure.

Step 11. Select [Character Code] from following 2 choices.

- IA5
- ITA2

Step 12. Setup Security Alert ON/OFF.

Step 13. Input SSAS Message by one-byte character, 512 characters or less.

Step 14. Repeat the procedure from No.5 to No.13 when you edit other SSAS Scheduled data.

Step 15. Input SSAS Message Footer by one-byte character, 1024 characters or less.

Step 16. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When PSTN is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]

[Destination Code] to 1st box (from left) within the range of 0 to 999.

[Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 11. Select Modem Type from following 4 choices.

- V22
- V22bis
- V32bis
- Others

※Input character string, one alphabet and 3-digit figures when Others is selected.

Step 12. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 13. Setup Security Alert ON/OFF.

Step 14. Input SSAS Message by one-byte character, 512 characters or less.

Step 15. Repeat the procedure from No.5 to No.14 when you edit other SSAS Scheduled data.

Step 16. Input SSAS Message Footer by one-byte character, 1024 characters or less.

Step 17. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Facsimile is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.]:

[Destination Code] to 1st box (from left) within the range of 0 to 999.

[Subscriber's No.] to 2nd box (from left) by 12-digit figure.

Step 11. Select [Character Code] from following 2 choices:

- IA5
- DATA

Step 12. Setup Security Alarm ON/OFF.

Step 13. Input SSAS Message by one-byte character, 512 characters or less.

Step 14. Repeat the procedure from No.5 to No.13 when you edit other SSAS Scheduled data.

Step 15. Input SSAS Message Footer by one-byte character, 1024 characters or less.

Step 16. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When PSDN is selected to Network Type

Step 9. Input Prefix Code within the range of 0 to 99.

Step 10. Input [Destination Code] and [Subscriber's No.].

[Destination Code] to 1st box (from left) within the range of 0 to 9999.

[Subscriber's No.] to 2nd box (from left) by 10-digit figure.

Step 11. Setup SSAS Schedule ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 character or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Input SSAS Message Footer by one-byte character, 1024 characters or less.

Step 15. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

※When Closed Net is selected to Network Type

Step 9 Input [Destination Code] and [Subscriber's No.] by 5 digit or less.

Step 10. Select [Character Code] from following 2 choices.

- IA5
- DATA

Step 11. Setup SSAS Schedule ON/OFF.

Step 12. Input SSAS Message by one-byte character, 512 character or less.

Step 13. Repeat the procedure from No.5 to No.12 when you edit other SSAS Scheduled data.

Step 14. Click [SET] button to write the data into INMARSAT terminal, when setup is completed.

NOTE

1. All data of SSAS Scheduled #1~#5 are written into INMARSAT terminal when [SET] button is pressed.

2. The data cannot be set when winIST failed to receive the data.

3. Following dialogue box is displayed when incorrect data is input and [SET] button is pressed.
Correct the data with referring below outlined Responses.

(● means No. 1 to 5 of SSAS Schedule.)

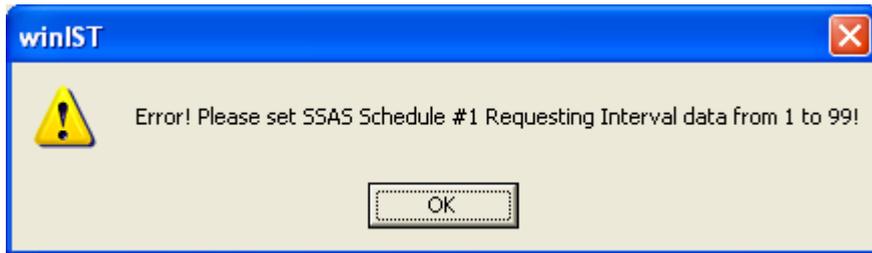


Fig. 4-40-2a Requesting Interval setting error dialogue box

• Error! Please SSAS Schedule #● Requesting Interval data from 1 to 99!!

Response: Setup the setting value of Requesting Intertval of SSAS Schedule #●,
within the range of 1 to 99.

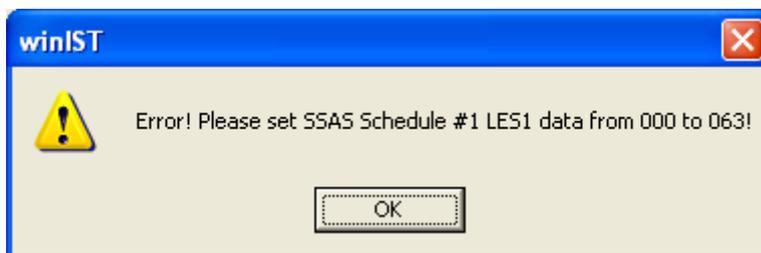


Fig. 4-40-2b LES 1 data setting error dialogue box

• Error! Please set SSAS Schedule #● LES1 data from 000 to 063!

Response: Set the LES No. to 1st box (from left) of SSAS Schedule #●,
within the range of 000 to 063.

NOTE

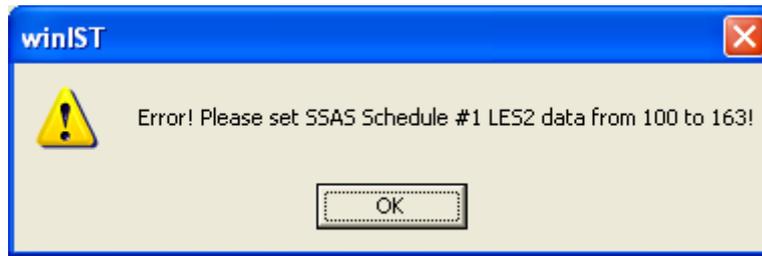


Fig. 4-40-2c LES 2 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES2 data from 100 to 163!
Response: Set the LES No. to 2nd box (from left) of SSAS Schedule #●, within the range of 100 to 163.

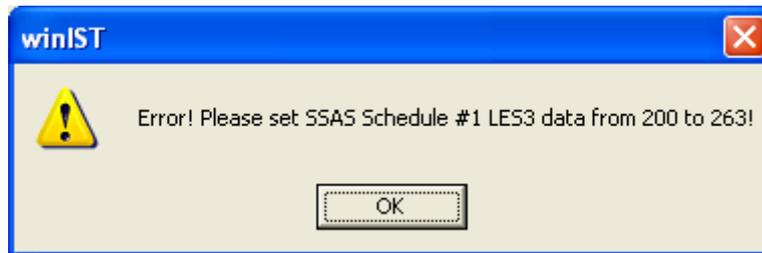


Fig. 4-40-2d LES 3 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES3 data from 200 to 263!
Response: Set the LES No. to 3rd box (from left) of SSAS Schedule #●, within the range of 200 to 263.

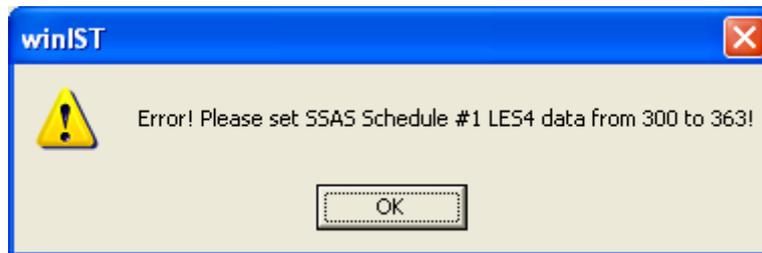


Fig. 4-40-2e LES 4 data setting error dialogue box

- Error! Please set SSAS Schedule #● LES4 data from 300 to 363!
Response: Set the LES No. to 4th box (from left) of SSAS Schedule #●, within the range of 300 to 363.

NOTE

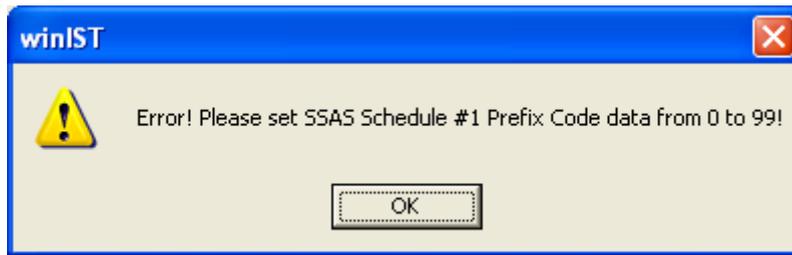


Fig. 4-40-2f Prefix Code data setting error dialogue box

- Error! Please set SSAS Schedule #● Prefix Code data from 0 to 99!

Response: Set the Prefix Code of SSAS Schedule #●, within the range of 0 to 99.

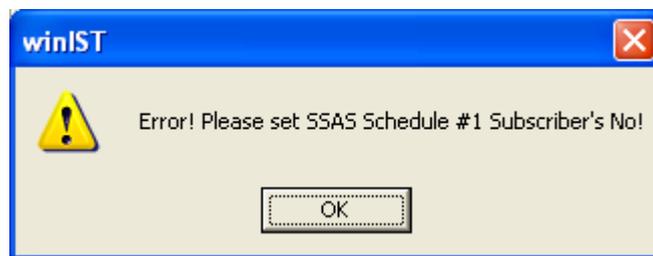


Fig. 4-40-2g Subscriber's No. setting error dialogue box

- Error! Please set SSAS Schedule #● Subscriber's No.!

Response: Set the subscriber's No. of SSAS Schedule #●,

Input subscriber's No. to 1st box (from left) within the range of 0 to 999.

Input subscriber's No. to 2nd box (from left) :

by 11-digit figure or less when Network Type is Telex.

by 10-digit figure or less when Network Type is PSDN.

by 12-digit figure or less when Network Type is PSTN or Facsimile.

by 5-digit figure or less when Network Type is Closed Net.

or by alphanumeric character 6-digit or less when Special Access or E-mail is selected.

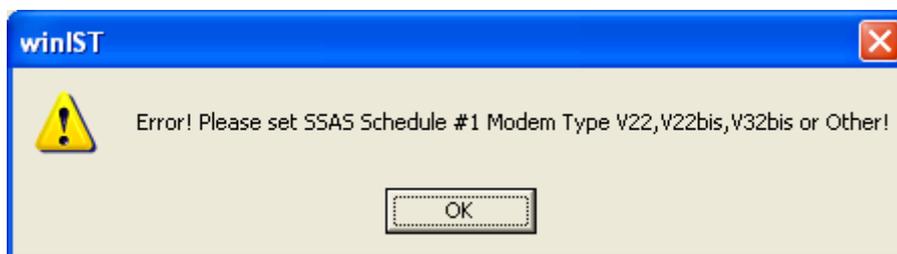


Fig. 4-40-2h Modem Type data setting error dialogue box

- Error! Please set SSAS Schedule#● Modem Type V22,V22bis,V32bis or Other!

Response: Select Modem Type of SSAS Schedule #● from V22,V22bis,V32bis, and Other.

Set the name of Modem Type to the box right side of button, by alphabet and figure.

NOTE

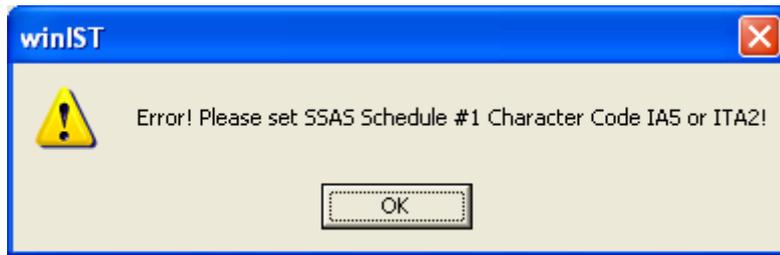


Fig. 4-40-2i [Character Code] data setting error dialogue box 1

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or ITA2!

Response: Select [Character Code] of SSAS Schedule #● from IA5 or ITA2.

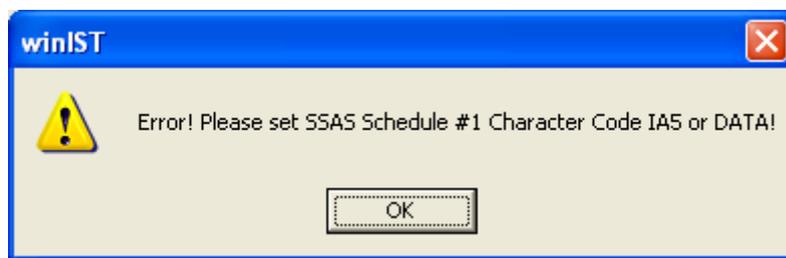


Fig. 4-40-2j [Character Code] data setting error dialogue box 2

- Error! Please set [Scheduled Transmission] #● [Character Code] IA5 or DATA!

Response: Select [Character Code] of SSAS Schedule #● from IA5 and DATA.

4. Following dialogue box is displayed after clicking [SET] button, when winIST failed to write the data to INMARSAT terminal.



Fig. 4-40-2k Data setting failure dialogue box

In this case, carry out following procedure, then confirm and set the data again.

- Click [Setting] of menu bar and open the dialogue box of [COM PORT], then click [OK], and confirm that [COM PORT] is opened normally.
- Confirm that [COM PORT] of PC and PORT of IME is connected by serial cable.
- Confirm INMARSAT terminal works normally or not, by lightning of POWER-LED of IME.

NOTE

5. Operation except [Exit], [Display], and/or [Ver] is not possible while winIST is communicating with INMARSAT terminal.

5 File configuration

PC screen tool is composed of following files.

In the same folder

- winIST_CN149.exe/winISTR_CN149.exe/winISTC_CN149.exe (PC screen tool execution file)
- winIST.ini (PC screen tool ini file)
- CompressTool.ini (CompressTool.ini file)

*[winIST.ini file] and [CompressTool.ini file] is automatically created when PC screen tool is activated.

Glossary

Terms of this manual are outlined below.

Terms	Explanation
INMARSAT terminal	Mobile Earth Station, INMARSAT equipment mounted on the ship
AGC (Automatic Gain Control)	
Alarm Pack	The function, which packs and sores the data when alarm is occurred.
CompressTool.ini file	Compressing function of Modem module, initial setting file of Compress Tool in Menu List
Delivery Date	The day INMARSAT terminal is installed on the ship
Dimmer	LED brightness adjustment function of IME
DNID (Data Network ID)	
DS (Data Source)	[Data Source]
DTE (Data Terminal Equipment)	
EME (Externally Mounted Equipment)	
ENID(EGC Network ID)	
FRLP (Forward and Return Link Pair)	[Front ID] is the ID No. attached to transmission data when INMARSAT terminal communicates. [Return ID] is the ID No. attached to reception data.
FROM	The ROM, which is storing setting information of equipment (the data cannot be deleted by turn off the power source).
GM(Global Maritime Distress and Safety System)	
IME(Internally Mounted Equipment)	
JUE-85	Inmarsat terminal GMDSS model
JUE-95	Inmarsat mini-C terminal GMDSS model
JUE-95SA	Inmarsat mini-C terminal SSAS model
JUE-95VM	Inmarsat mini-C terminal VMS model
LES(Land Earth Station)	
LT	Local Time
Master OSC	

MES(Mobile Earth Station)	
NCS (Network Coordination Station)	
OR(Ocean Region)	
QTC	
Serial No.	Individual identification of INMARSAT terminal
[Shore Access]	Communication with LES
SRAM	The ROM, which is storing setting information of equipment (the data is deleted by turn off the power source).
SSAS (Ship Security Alert System)	
Time Difference	
TX Modulation	
UTC(Coordinate Universal Time)	Universal Time Clock
VMS(Vessel Monitoring System)	

