

TECHNICAL INFORMATION
FROM
MARINE SOLUTION GROUP

Subject : Information on software release (BDE-App version 02.11)

Equipment : JUE-501, Inmarsat FB500
JUE-251, Inmarsat FB250

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- Priority [] A: Carry out immediately
 [] B: Carry out at periodical inspection
 [] C: Carry out upon client's request
 [] D: Information and news

1. Subject

Information on software release (BDE-App 02.11)

2. Objective Equipment

JUE-501 and JUE-251.

As to some serial numbers of BDE already updated to the latest BDE-App 02.11 at the factory, refer to the attached "JUE-501/JUE-251 BDE serial numbers updated to BDE-App 02.11".

3. Information and Notice

Please be informed that the new software BDE-App 02.11 adds and improves the following functions.

BDE-App 02.11

• Functions added:

1) The switching satellite by the indication of SAS (Russian area)

The function to search the satellite indicated by the SAS (Satellite Access Station) on receiving the indication to switch satellite from SAS is added.

By the function, JUE-501/JUE-251 searches MEAS satellite automatically when JUE-501/JUE-251 acquires the satellite other than MEAS satellite in Russian area.

2) The getting a Logpack file by Guest user

The function to get a Logpack file by Guest user is added in Web Alarmpack screen.

For more information, refer to "JUE-501/JUE-251 Procedure for getting Logpack file" attached.

Note that the Logpack file is equivalent of the file by using "File" button in Web Diagnostic screen.

Request

Request the user to get the Logpack file when receiving the inquiry from the user.

3) The manual calibration for ADE sensor from Handset menu

The function to perform the manual calibration for ADE sensor from Handset menu is added. For more information, refer to "JUE-501/JUE-251 Procedure for ADE sensor manual calibration" attached.

4) Supported Windows 10 (32/64bit) OS

- Functions improved:

- 1) Automatic reboot in waters close to China

Improved that the phenomenon that JUE-501/JUE-251 reboots automatically in waters close to China.

The phenomenon occurred when JUE-501/JUE-251 received the abnormal parameter from SAS on activating Standard IP communication.

The issue was caused by SAS and has been already fixed by Inmarsat but the fail-safe is added to avoid rebooting automatically on receiving the abnormal parameter.

- 2) Hang up on activating Standard/Streaming IP by PPPoE

Improve that the phenomenon that JUE-501/JUE-251 hangs up when activating Standard/Streaming IP by PPPoE with WAN Profile setting of user "GUEST" (ID2 in Web Admin - User Control - User Registration screen) disabled.

About WAN Profile for Standard/Streaming IP by PPPoE

The function to set WAN Profile for Standard/Streaming IP by PPPoE is added in PPPoE screen (Web Admin - Network - PPPoE) newly. Set the WAN Profile in the PPPoE screen from now.

Request for updating the software

Before updating JUE-501 and JUE-251 software, please read through the following procedure and notice:

Notice

We recommend making a backup copy of all the setting by using "Export" function on the Web menu.

- Download the new software and release note from the Marine Service Department or JRC/Alphatron Marine (<http://jrc.am/>) homepage.
- Refer to the release note for updating procedure of the software version.
- The software includes ADE software. ADE software is updated when updating from BDE-App 01.96 or younger to the software.

4. Document attached

- JUE-501/JUE-251 BDE-App 02.11 release note (7ZPSC0660)
- JUE-501/JUE-251 Procedure for getting Logpack file (7ZPSC0664)
- JUE-501/JUE-251 Procedure for ADE sensor manual calibration (7ZPSC0662)
- JUE-501/JUE-251 Software Version List
- JUE-501/JUE-251 BDE serial numbers updated to BDE-App 02.11

5. Related Service-news and/or Technical Information

None

JRC FB500/FB250 terminal JUE-501/JUE-251

New software version 02.11 release

JRC has released new software version, APP 02.11 for FleetBroadband JUE-501 and JUE-251 mobile terminals.

Changes from APP 02.03 to 02.11

Following functions have been added and improved:

Function added;

- The switching satellite by the indication of SAS (Russian area)
The function to search the satellite indicated by the SAS (Satellite Access Station) on receiving the indication to switch satellite from SAS is added.
By the function, JUE-501/JUE-251 searches MEAS satellite automatically when JUE-501/JUE-251 acquires the satellite other than MEAS satellite in Russian area.
- The getting a Logpack file by Guest user
The function to get a Logpack file by Guest user is added in Web Alarmpack screen.
For more information, refer to “JUE-501/JUE-251 Procedure for getting Logpack file” attached.
Attach the Logpack file when making an inquiry to JRC from now.
- The manual calibration for ADE sensor from Handset menu
The function to perform the manual calibration for ADE sensor from Handset menu is added.
For more information, refer to “JUE-501/JUE-251 Procedure for ADE sensor manual calibration” attached.
- Supported Windows 10 (32/64bit) OS

Function improved;

- Hang up on activating Standard/Streaming IP by PPPoE

Improved that the phenomenon that JUE-501/JUE-251 hangs up when activating Standard/Streaming IP by PPPoE with WAN Profile setting of user "GUEST" (ID2 in Web Admin - User Control - User Registration screen) disabled.

About WAN Profile for Standard/Streaming IP by PPPoE

The function to set WAN Profile for Standard/Streaming IP by PPPoE is added in screen (Web Admin - Network - PPPoE) newly.

Set the WAN Profile in the PPPoE screen from now.

Software updating procedure

Update JUE-501/251 software to APP 02.11 with following procedure a) to d).

* Do not connect any router or other equipment when updating JUE-501/251. Also, PC must be on the same network as JUE-501/251.

a) Confirm the connection

JUE-501/251 software updating needs a PC.

Prepare a PC and connect it to your JUE-501/251. (For details, refer "[1. Confirm the connection](#)")

* Windows XP/Vista/7/10 OS is required.

b) Download the latest software for JUE-501/251

Confirm the website to check whether the latest software is uploaded or not, from the PC connected to Internet. Download if the latest software is uploaded. (For details, refer "[2. Download the software for JUE-501/251](#)")

c) Update/Downgrade JUE-501/251 software

Update the JUE-501/251 software by the downloaded software. (For details, refer "[3. Update JUE-501/251 software](#)")

Also, downgrade the JUE-501/251 software by the stored software [JUE251-501_APP_xxxx.jrc] in the attached CD-ROM, when necessary. (For details, refer "[\[Reference\] Software downgrading procedure](#)" in last page)

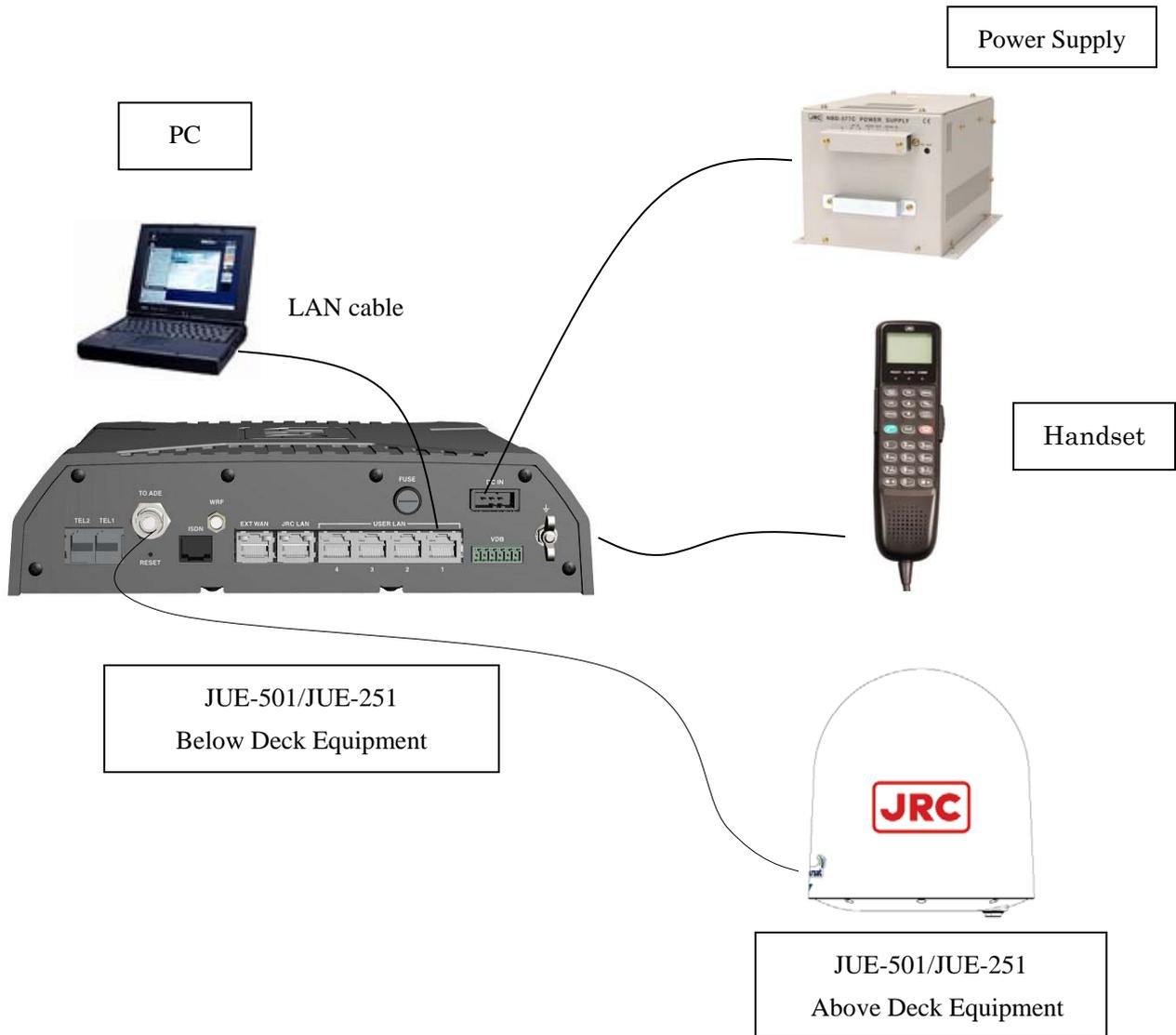
d) Confirm the updated software version

Confirm the software version after updating, to check that JUE-501/251 software is correctly updated or not. (For details, refer "[4. Confirm the updated software version](#)")

1. Confirm the connection

(1) Prepare a PC and connect it directly to a User LAN port of JUE-501/251.

* Do not connect any router or other equipment between JUE-501/251 and a PC when updating JUE-501/251. Also, PC must be on the same network as JUE-501/251.

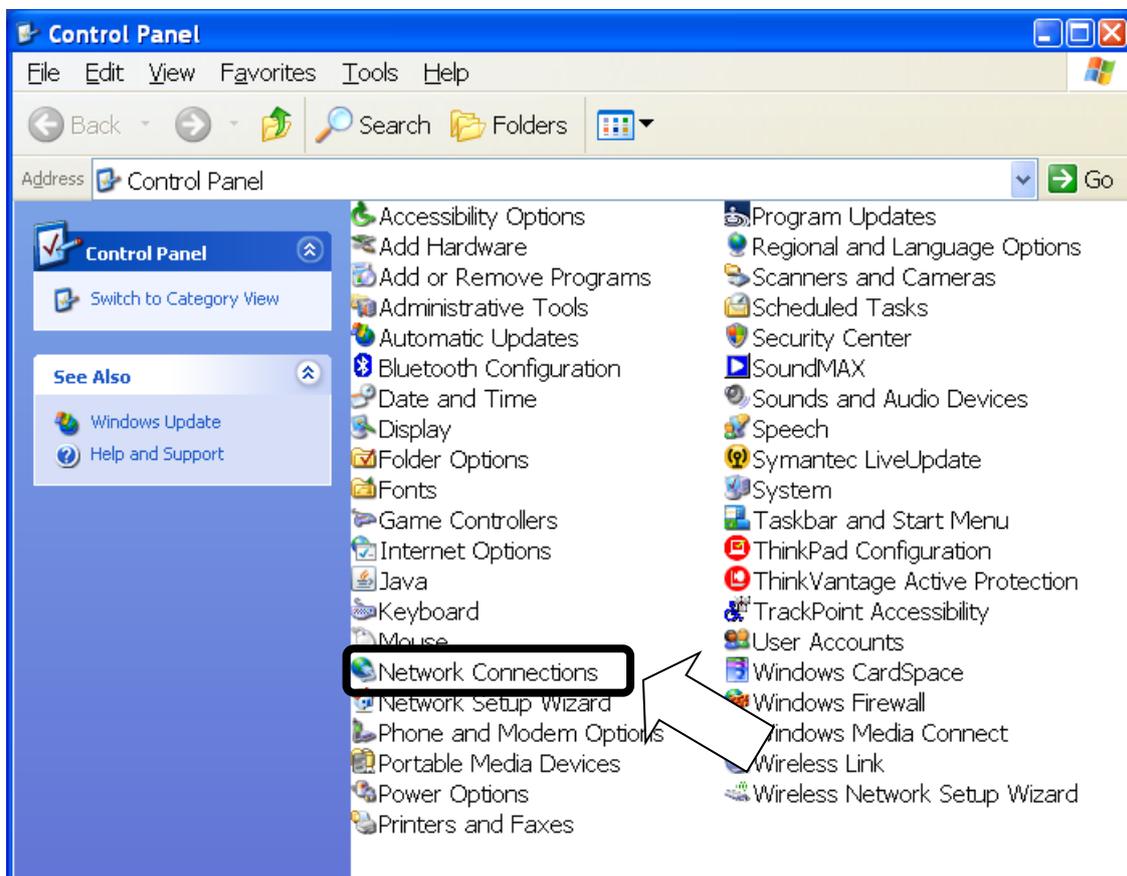


- (2) Set the LAN port IP address (being connected to User LAN port of JUE-501/251) of your PC, to be on the same network as JUE-501/251 by the following procedure.

NOTE

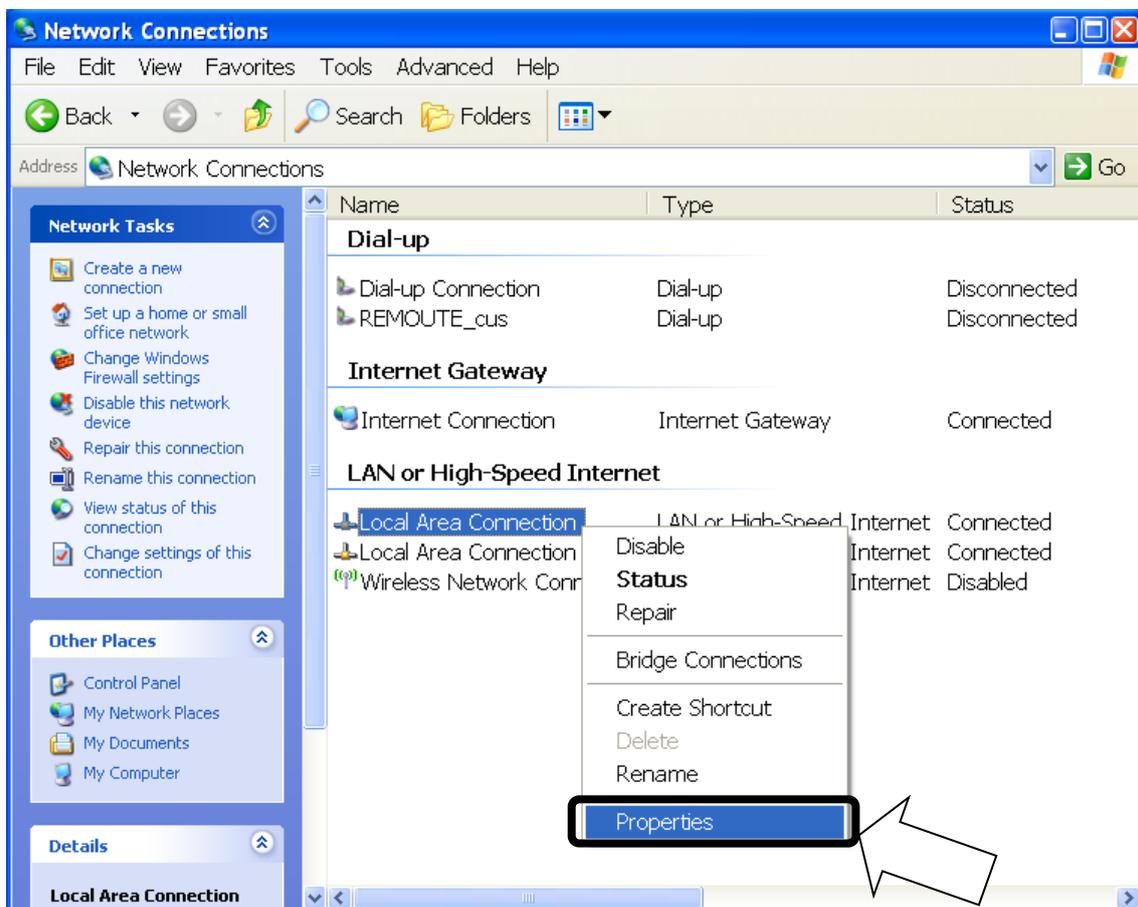
- Skip this procedure when you already set the LAN port to DHCP (set the IP address setting as [Obtain an IP address automatically]) and BDE's DHCP setting enable.
- Current BDE's DHCP setting can be referred at the Handset menu, <9> Admin - Input secret code (initial value 0001) - <3> Port - <3> Ethernet - <1>User LAN - BDE's IP address (press OK) - BDE's subnet mask (press OK) - DHCP setting. Press  (on hook) button and close the menu after you confirm the DHCP setting.

- Confirm BDE's IP address from the Handset.
 - BDE's IP Address can be referred at the Handset menu, <9> Admin - Input secret code (initial value 0001) - <3> Port - <3> Ethernet - <1>User LAN. Press  (on hook) button and close the menu after you confirm the IP address.
- Select [start]-[Control Panel] on your PC.
 - [Control Panel] window is displayed.

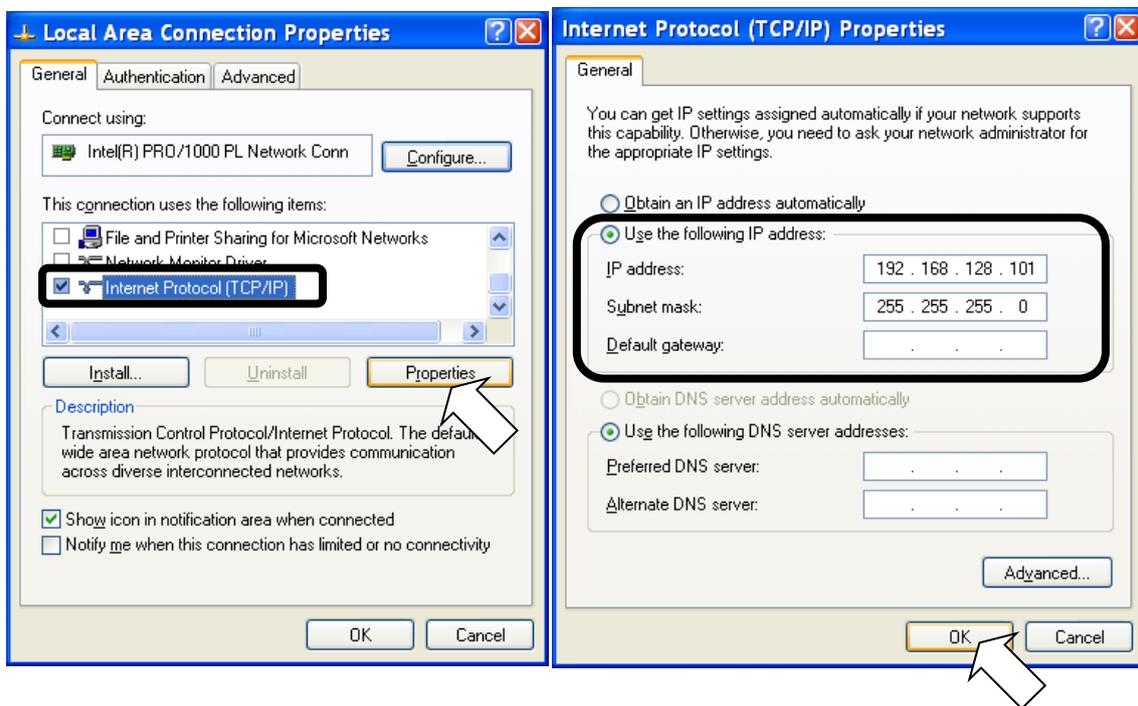


- iii). Double click [Network Connections].
 - [Network Connections] window is displayed.

- iv). Select [Local Area Connection] and right-click, then click [Properties] from displayed menu.
 - [Local Area Connection Properties] dialogue box is displayed.
 - Confirm that [General] tab is displayed on the front of the screen.



- v). Select [Internet Protocol (TCP/IP)] and click [Properties] button.
 - [Internet Protocol (TCP/IP) Properties] dialogue box is displayed.
 - Select [Use the following IP address] and input [IP address] and [Subnet mask] to be on the same network as JUE-501/251. Do not input any IP address for [Default gateway].
 - e.g. When the BDE's IP address is 192.168.128.100
 - Input 192.168.128.101 for [IP address] and 255.255.255.0 for [Subnet mask].
 - Select [Use the following DNS server addresses] and do not input any DNS addresses for [Preferred DNS server] and [Alternate DNS server].

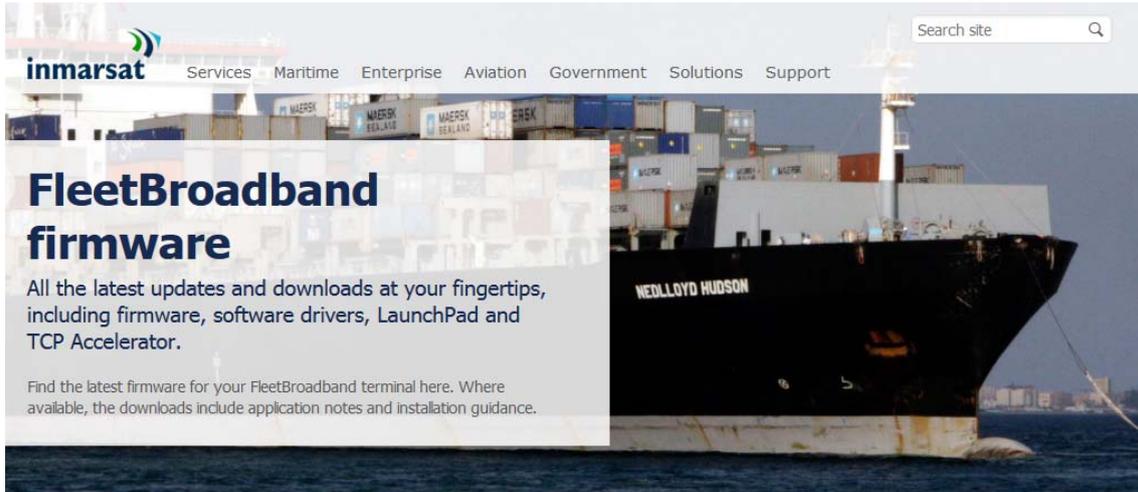


- vi). Click [OK] button.
 - Screen is returned to [Local Area Connection Properties] dialogue box.
- vii). Click [OK] button.
 - If message of rebooting is displayed, reboot a PC.

2. Download the latest software for JUE-501/251

The latest software of JUE-501/251 is uploaded on the HP of Inmarsat.
The URL is as follows:

<http://www.inmarsat.com/support/fleetbroadband-firmware/>



Manufacturer	Terminal(s)	Version	OS	Size	Download
PC Mac					
WIDEYE					
	iFleetONE	R01.0.2	X X	9.63MB	zip
	Skipper 150	1.7.0	X X	8.73MB	zip
	FX 150	2.0.3	X X	8.35MB	zip
	FX 250	2.0.4	X X	8.41MB	zip
	FX 500	2.0.4	X X	8.41MB	zip
JRC					
	JUE-250	01.31	X	5.43MB	zip
	JUE-500	11.44	X	7.41MB	zip
	JUE-251	02.03	X	12.39MB	zip
	JUE-501	02.03	X	12.39MB	zip
Satlink					
	Satlink 150	1.7.0	X X	7.85MB	zip
	Satlink 250	1.7.2	X X	7.80MB	zip
	Satlink 250+	1.7.3	X X	7.94MB	zip
Thrane & Thrane / Cobham SATCOM					
	FleetOne SAILOR 150, 250 and 500	1.24	X X	6.93MB	zip
	IP handset	1.17	X X	11MB	zip

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FleetBroadband firmware
[FleetBroadband LaunchPad](#)
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If the software's version on the HP is larger than the JUE-501/251's software version, download the software from HP.

Software version of JUE-501/251 main unit can be displayed on Handset screen with following operation:

<1> Status - <5> Unit Info - <2> Mainte No.- BDE-App

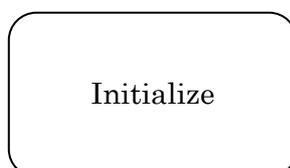
3. Update JUE-501/251 software

Note

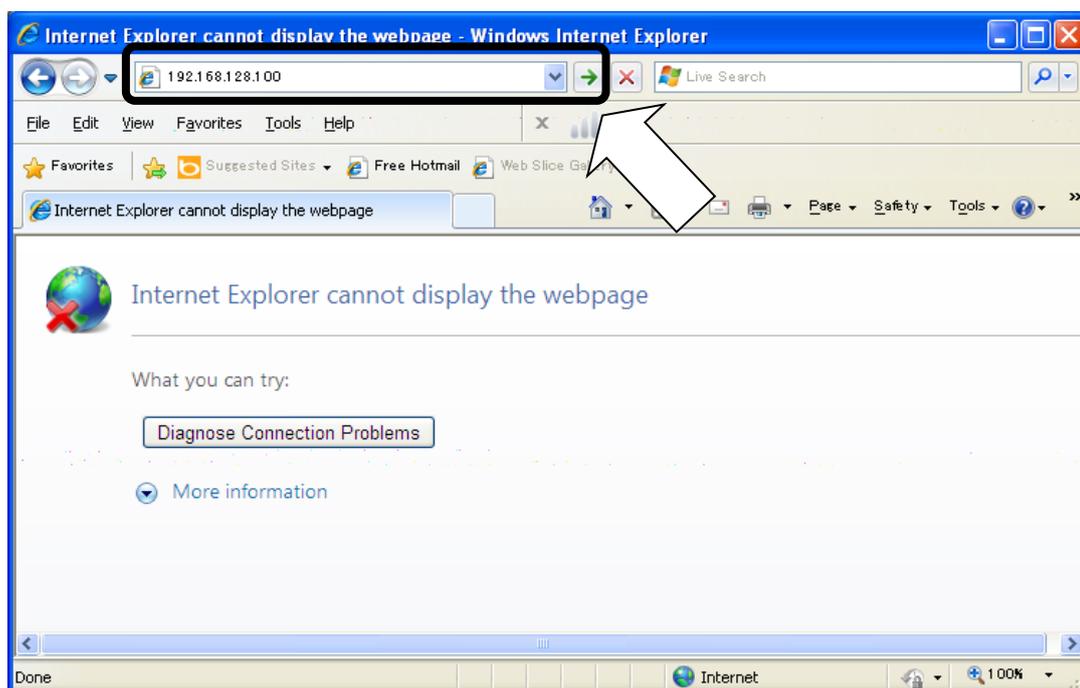
- Do not turn OFF the power supply of JUE-501/251 and/or PC during the software forwarding or updating
- Software forwarding or updating takes up to 3 minutes.

(1) Activate your JUE-501/251 and confirm that initialization is completed.

* [Initialize] is displayed during initialization on the Handset screen.



(2) Launch your Web browser*¹ and enter the IP address of JUE-501/251 to the URL box. Then press [Enter] key.



Confirm the IP address of JUE-501/251 from the Handset.

- BDE's IP address can be referred at the Handset menu, <9> Admin - Input secret code (initial value 0001) - <3> Port - <3> Ethernet -<1>User LAN

Press  on hook button and close the menu after you confirm the IP address.

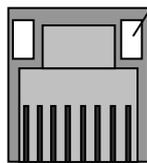
*1 While JUE-501 / JUE-251 officially supports Microsoft Internet Explorer7 and Mozilla Firefox3.6, their upper version can be available when they have compatible system.

[*] If the WEB menu won't open

If the WEB menu won't open, check the both IP addresses of JUE-501/251 and your PC and confirm they are on the same network.

- The IP address of JUE-501/251 can be confirmed by (i) of [1.Confirm the connection].
- The IP address of PC can be confirmed by (ii) of [1.Confirm the connection].

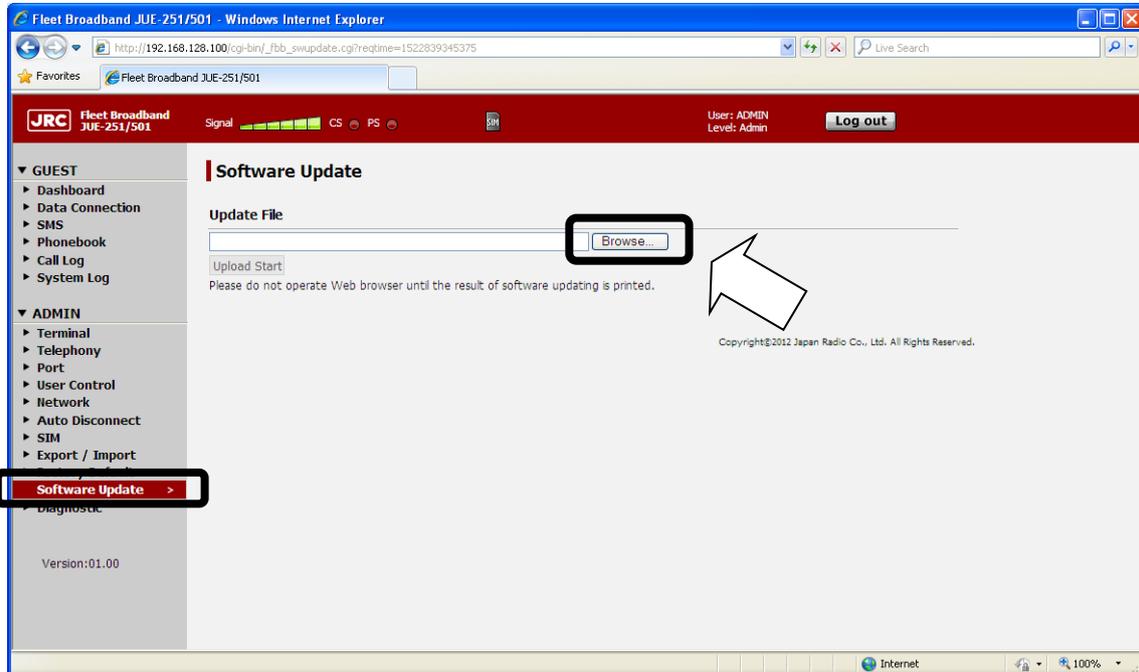
If the WEB menu won't open with the correct IP address setting, check the User LAN port LED on back panel. Link LED will blink when the link between PC and the User LAN port is established.



Link LED:
Blink when the link with the connected terminal has been established.
(The color is orange for 10Base-T and green for 100-Base-T.)

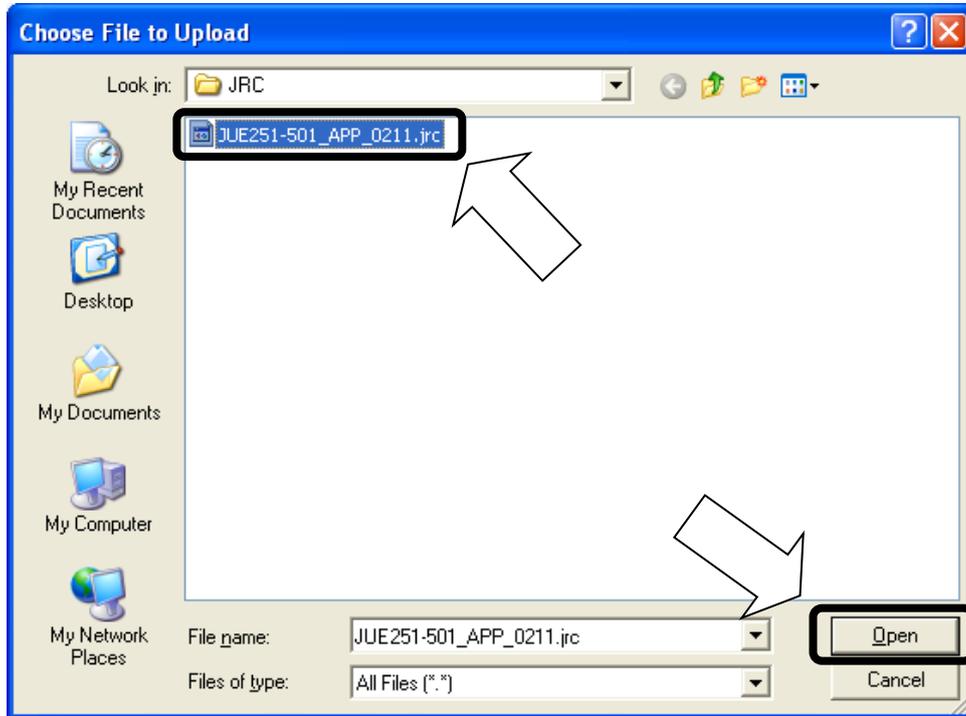
Link between PC and the User LAN port has not been established when the Link LED doesn't blink. Disconnect and connect the LAN cable again.

- (3) Click [Software Update] on the left [menu] panel, after login by Admin level (User: ADMIN / Secret Code: 0001 (Default)). [Software Update] screen will be displayed.

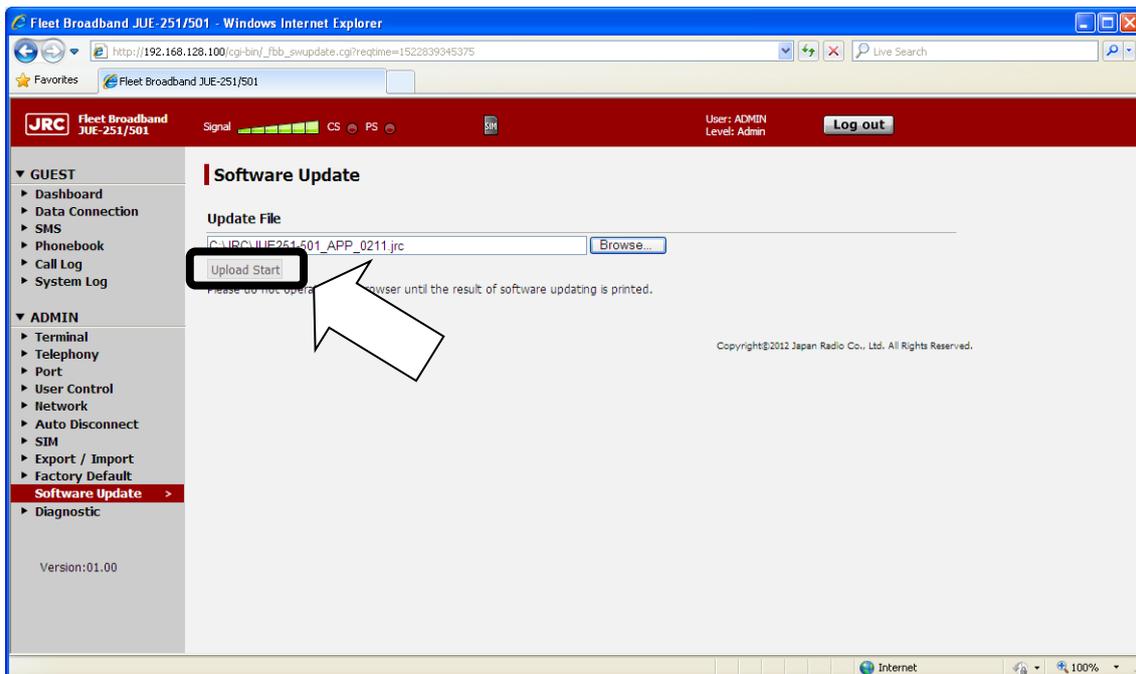


- (4) Click [Browse] button. Then file selection dialog will appear.

- (5) Select the file you have downloaded at [2. Download the latest software for JUE-501/251] and click [Open].



- (6) Click [Upload Start] button.
- The [Upload Start] button changes into disable (gray).
 - Wait until the update was completed and the result is printed.

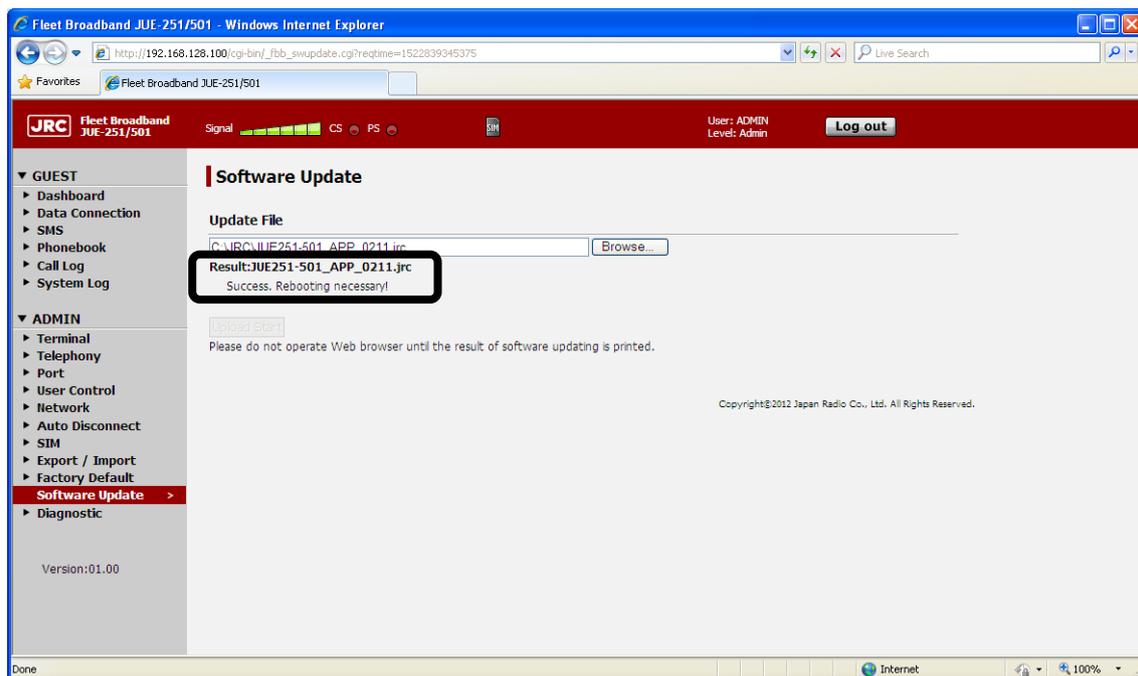


(7) Check the result.

NOTE

- Please do not operate your Web browser until the result is printed on the screen.
- It may take more than 3 minutes.
- In the case of unresponsiveness in 5 minutes, reboot JUE-501/251 and retry software updating with following the software updating procedure (on page 2 of this manual) from a) to d).

- [Success] is displayed when the update finished successfully. Then, reboot your system. When ADE software is updated, the system update ADE software automatically after the system is rebooted (“ADE Update” is displayed in Handset screen. The elapsed time is about 5 minutes). And then the system starts normally.
- [Error] is displayed when the update has failed. Refer “[*] When software update is failed” in next page.



[*] When software update is failed

Update is failed when “Update Error” is printed on your Web browser.

Check the error code below. Reboot your JUE-501/JUE-251 and retry updating with following the software updating procedure (on page 2 of this manual) from a) to d).

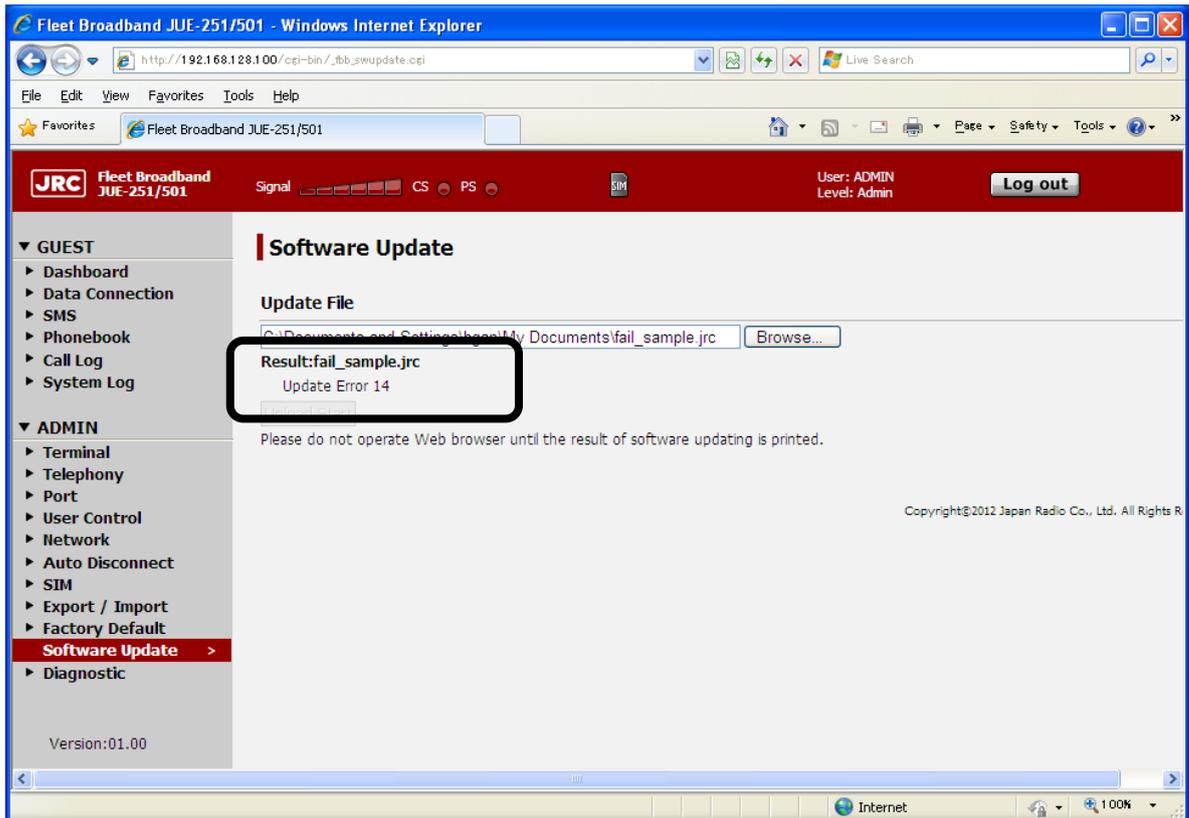


Table: Software updating error code

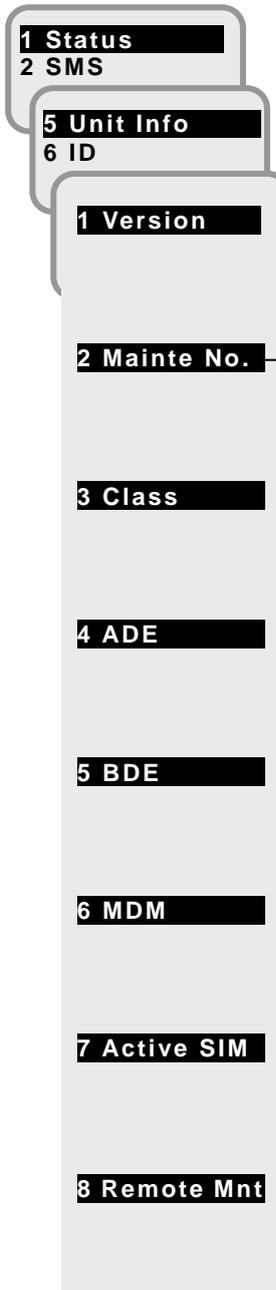
Code	Supposed cause
1	The system is under the software updating already.
2~13 and 17	Internal error.
14~16	The file you uploaded is wrong file.
21~31	It failed in uploading the file.

4. Confirm the updated software version

Check that the software version is correctly updated or not, from the following the Handset menu,
<1> Status - <5> Unit Info - <2> Mainte No.

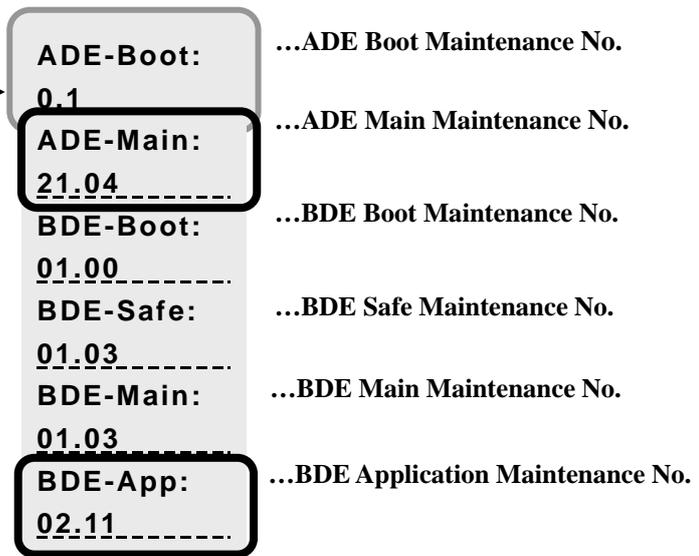
When the update is succeeded, BDE-App No. is changed to the same number as the [0211] of the software file [JUE-251-501_APP_0211.jrc]. Please also check ADE-Main is 21.04.

Unit Info menu screen



OK

2. Mainte No. display screen



[Reference] Software downgrading procedure

- A) Turn OFF the power supply of JUE-501/251.
- B) Repeat the software updating procedure from [3. Update JUE-501/251 software]. Use [JUE251-501_APP_xxxx.jrc] in CD-ROM of JUE-501/251 to execute, instead of the downloaded file [JUE251-501_APP_0211.jrc].

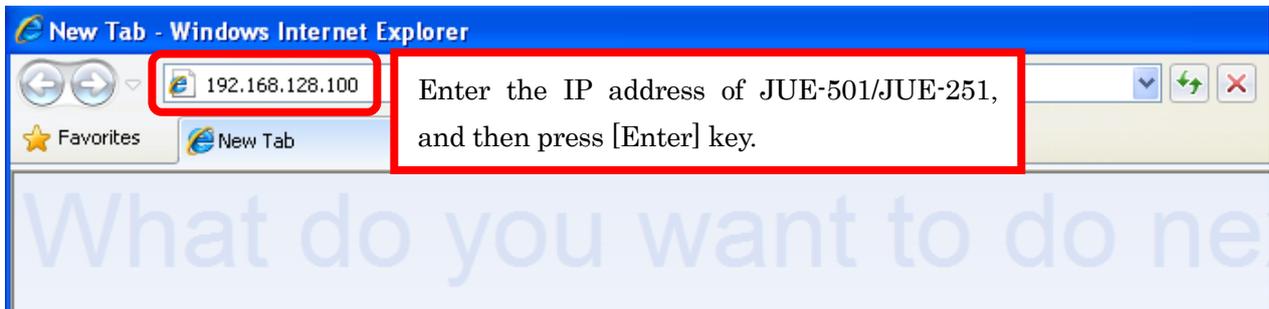
JRC FB500/FB250 terminal JUE-501/JUE-251 BDE-App 02.11 Procedure for getting Logpack file Rev.1.0

Get the Logpack file according to following procedure.

The getting Logpack file is made on “Alarmpack” screen of Web menu. How to use Web menu system is explained in [Sec.6 Web menu System] of the instruction manual.

- (1) Open the Web menu of JUE-501/JUE-251.

To open the Web menu of JUE-501/JUE-251, launch your Web browser, enter the IP address of JUE-501/JUE-251 (the default IP address is “192.168.128.100”) in URL box, and then press [Enter] key. If the IP address of JUE-501/JUE-251 is unclear, refer to Appendix A.



- (2) Enter “Alarmpack” screen.

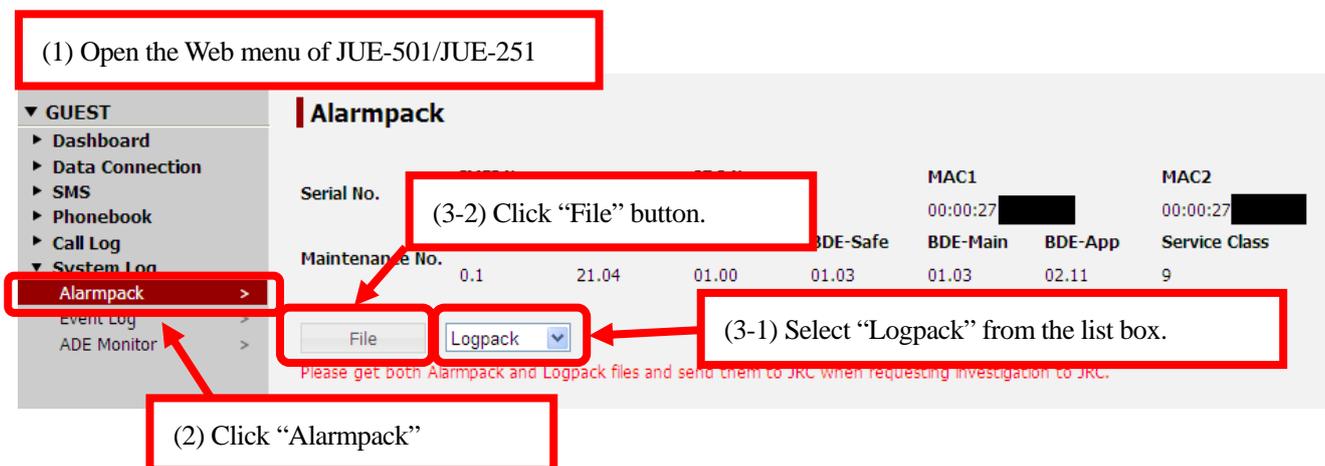
To enter “Alarmpack” screen, click “System Log” > “Alarmpack” on the left menu panel.

- (3) Get “Logpack” file (*).

Select the “Logpack” item from the list box and then click “File” button.

(*) The file name of the Logpack file is “log_pack_GVxxxxx_YYYYMMDDhhmmss.tar.gz”.

GVxxxxx is serial number of BDE and YYYYMMDDhhmmss is the date and time gotten the file.

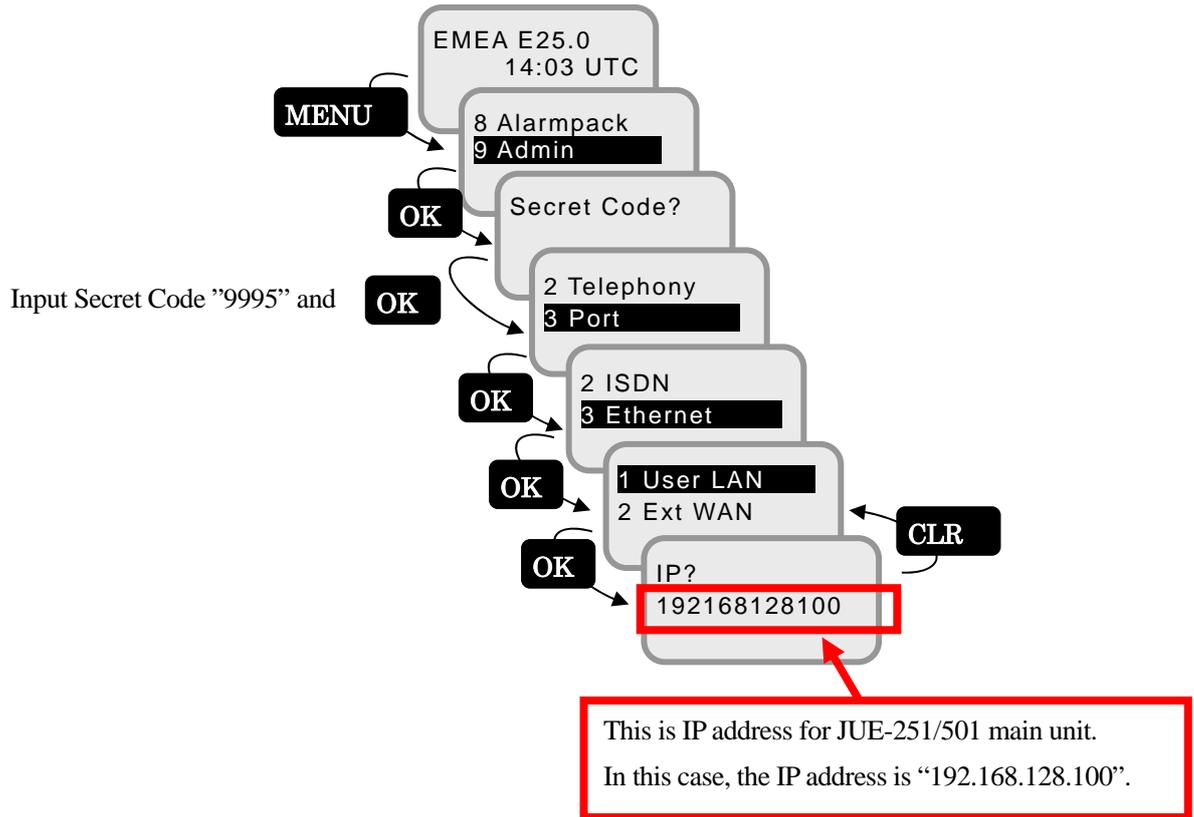


Appendix A.

Confirmation procedures for the IP address of JUE-501/JUE-251 main unit Rev 1.0

The IP address of JUE-501/JUE-251 main unit can be confirmed from Handset menu.

([Menu] button > [9 ADMIN] > (input Secret Code "9995") > [3 Port] > [3 Ethernet] > [1 User LAN]).



JRC FB500/FB250 terminal JUE-501/JUE-251 BDE-App 02.11 Procedure for ADE sensor manual calibration Rev.1.0

Note

- The calibration must be performed only when the vessel berths. And confirm that the vessel does not turn more than 20 degrees per minute using her gyrocompass.
- Do NOT change the setting of “Sensor Auto”.

Perform the ADE sensor manual calibration according to following procedure and send the result to JRC.

[Step 1] Perform the ADE sensor manual calibration (Section 1).

The ADE sensor manual calibration can be performed from Web menu or Handset menu.

- When performing the calibration from Web menu: refer to Section 1.1
- When performing the calibration from Handset menu: refer to Section 1.2

[Step 2] Get the Logpack file (Section 2).

[Step 3] Send the result to JRC (Section 3).

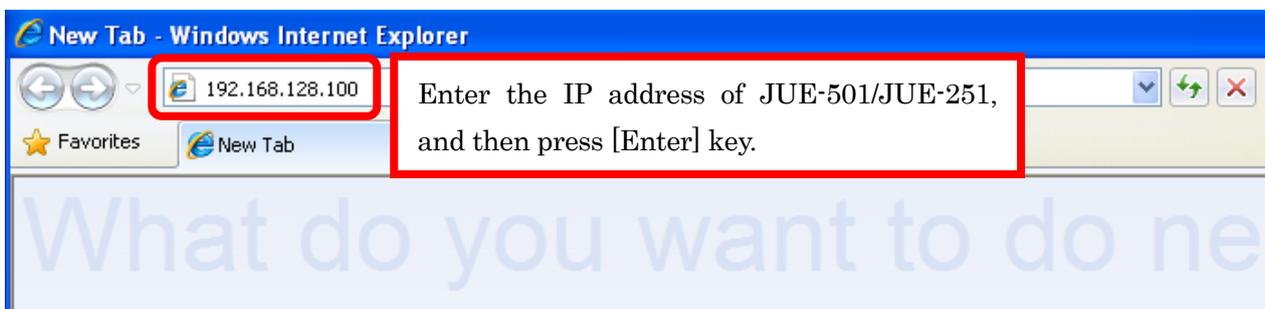
1. Perform the ADE sensor manual calibration

1.1. When performing the calibration from Web menu

The performing of the ADE sensor calibration is made on “Diagnostic” screen of Web menu. How to use Web menu system is explained in [Sec.6 Web menu System] of the instruction manual.

(1) Open the Web menu of JUE-501/JUE-251.

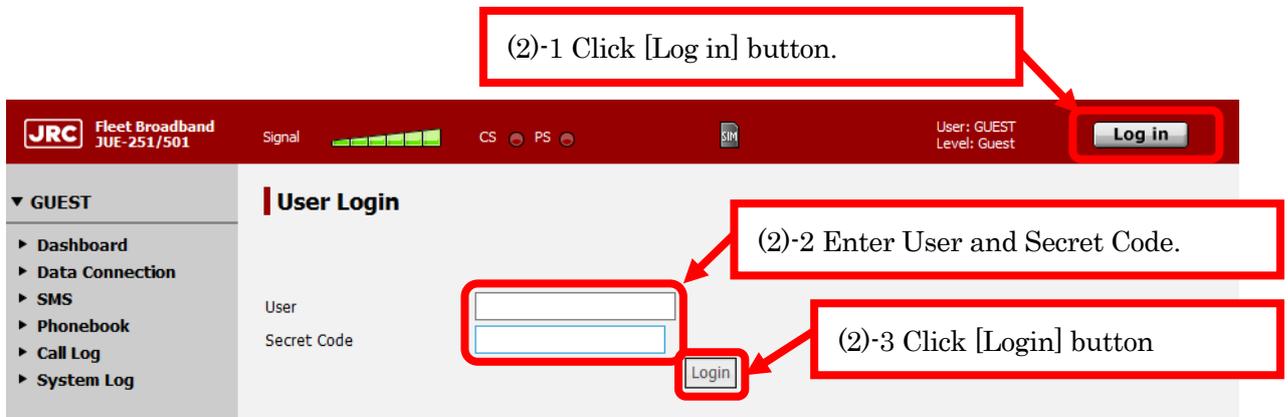
To open the Web menu of JUE-501/JUE-251, launch your Web browser, enter the IP address of JUE-501/JUE-251 (the default IP address is “192.168.128.100”) in URL box, and then press [Enter] key. If the IP address of JUE-501/JUE-251 is unclear, refer to Appendix A.



- (2) Log in the Web menu of JUE-501/JUE-251 with Admin user or Service user.
To log in the Web menu of JUE-501/JUE-251 with Admin user or Service user, click [Log in] button, enter User and Secret Code, and then click [Login] button.
Refer to Table. 1 for the default credentials for Admin user.

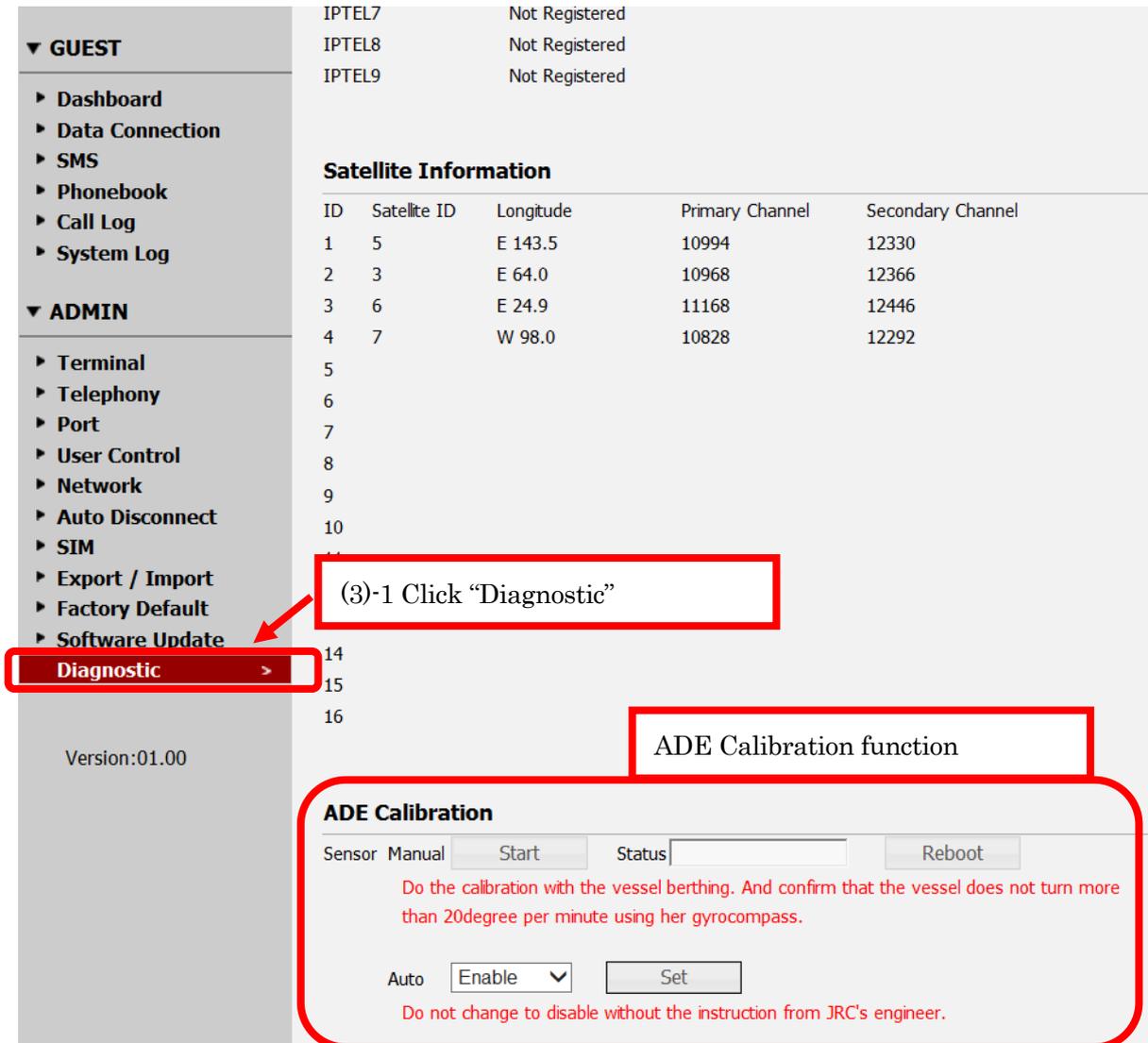
Table 1. The default credentials for Admin user

Item	Value
User	ADMIN
Secret Code	0001



(3) Enter “Diagnostic” screen.

To enter “Diagnostic” screen, click “Diagnostic” on the left menu panel.



The screenshot shows a web interface with a left-hand navigation menu. The menu is divided into two sections: 'GUEST' and 'ADMIN'. Under 'ADMIN', the 'Diagnostic' option is highlighted with a red box and a red arrow pointing to it. A red box with the text '(3)-1 Click “Diagnostic”' is positioned over the arrow. The main content area displays 'IPTEL7', 'IPTEL8', and 'IPTEL9' as 'Not Registered'. Below this is a 'Satellite Information' table with columns for ID, Satellite ID, Longitude, Primary Channel, and Secondary Channel. The table contains data for satellites 1 through 7. At the bottom of the main content area, there is a section titled 'ADE Calibration function' which is also highlighted with a red box. This section contains an 'ADE Calibration' form with a 'Sensor Manual' section (with 'Start' and 'Reboot' buttons), a 'Status' field, and an 'Auto' section (with an 'Enable' dropdown and a 'Set' button). Red text instructions are provided for both manual and auto calibration.

ID	Satellite ID	Longitude	Primary Channel	Secondary Channel
1	5	E 143.5	10994	12330
2	3	E 64.0	10968	12366
3	6	E 24.9	11168	12446
4	7	W 98.0	10828	12292
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ADE Calibration function

ADE Calibration

Sensor Manual Status

Do the calibration with the vessel berthing. And confirm that the vessel does not turn more than 20degree per minute using her gyrocompass.

Auto

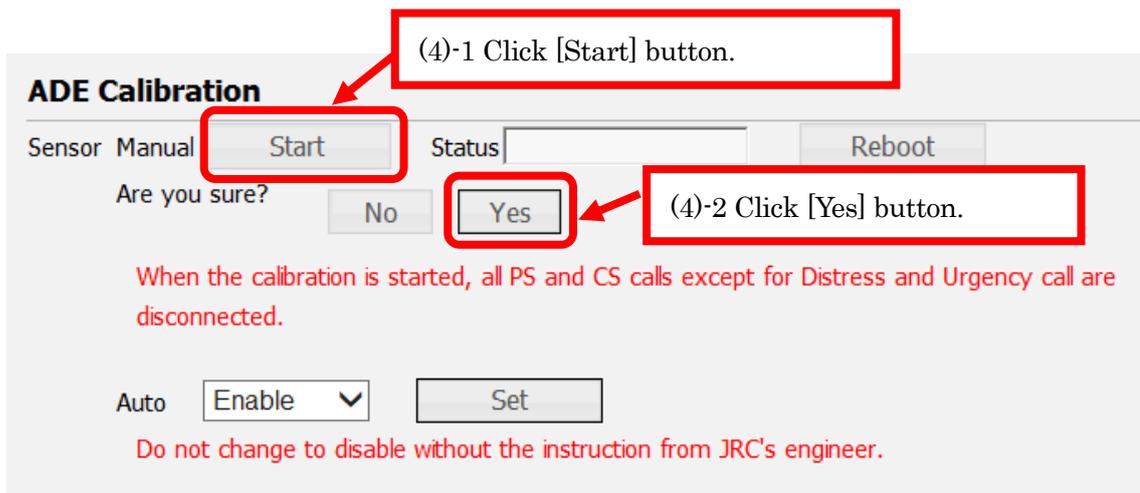
Do not change to disable without the instruction from JRC's engineer.

(4) Perform the ADE sensor manual calibration.

To perform the ADE sensor manual calibration, click [Start] button for “Sensor Manual” in ADE Calibration and then click [Yes] button.

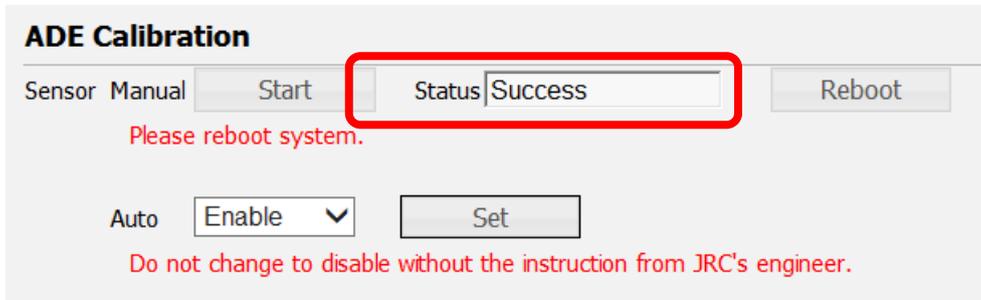
Note

- If JUE-501/JUE-251 is following conditions, you cannot click [Start] button.
 - ◆ when the ADE does not need to perform calibration.
 - ◆ when the status of JUE-501/JUE-251 is “ADE? (ADE is not connected).”
 - ◆ when the status of JUE-501/JUE-251 is “POWER OFF”.
 - ◆ when the Distress or Urgency call is active.
- When the calibration is started, all PS and CS calls except for Distress and Urgency call are disconnected. And all PS and CS calls including Distress and Urgency call is not available.
- After starting the calibration, “Init”, “Calibrating” or “Result (Success or Fail(cause))” is displayed in [Status] field. The [Status] filed is updated automatically.
- The calibration is completed within 5 minutes after “Calibrating” is displayed in [Status] filed.
- When “Fail(cause)” is displayed in [Status] field, handle it according to Table.2 in page 5.



The screenshot shows the 'ADE Calibration' web interface. At the top, there is a 'Sensor Manual' section with a 'Start' button highlighted by a red box and an arrow pointing to it from a text box above that says '(4)-1 Click [Start] button.'. Below this is a confirmation step: 'Are you sure?' with 'No' and 'Yes' buttons. The 'Yes' button is also highlighted by a red box and an arrow pointing to it from a text box to its right that says '(4)-2 Click [Yes] button.'. Below the confirmation buttons, there is a red warning message: 'When the calibration is started, all PS and CS calls except for Distress and Urgency call are disconnected.'. At the bottom, there is an 'Auto' section with a dropdown menu set to 'Enable' and a 'Set' button. Below this is another red warning message: 'Do not change to disable without the instruction from JRC's engineer.'

(5) The calibration is completed when “Result (Success or Fail(cause)) is displayed in [Status] field.



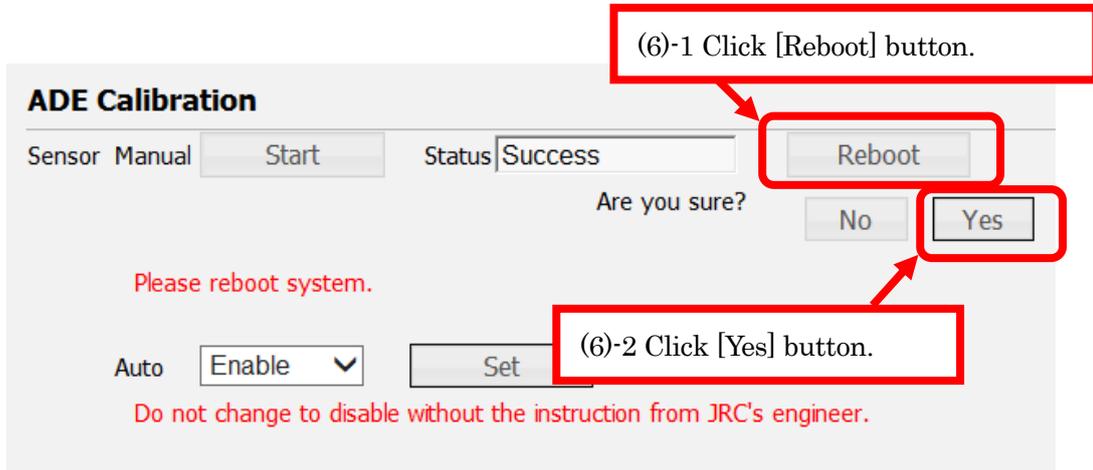
When “Fail(cause)” is displayed in [Status] field, handle it according to Table.2.

Table.2. The way to handle when “Fail” is displayed

Cause	対処
00-06	The calibration was failed. Please try it again.
10	The status of JUE-501/JUE-251 is “ADE?”. Power off JUE-501/JUE-251 and check ADE connectivity. After that, please try the calibration again.
11	You do not need to perform the calibration for the ADE.
12	Distress or Urgency call is active. After the call is finished, perform the calibration.
13	The calibration was failed. Please try it again.
14, 15	The calibration was failed. Reboot JUE-501/JUE-251. After that, please try the calibration again.
16	The status of JUE-501/JUE-251 is “POWER OFF”. After JUE-501/JUE-251 is powered on, please try the calibration again.

(6) Reboot JUE-501/JUE-251

To reboot JUE-501/JUE-251, click [Reboot] button and then click [Yes] button.

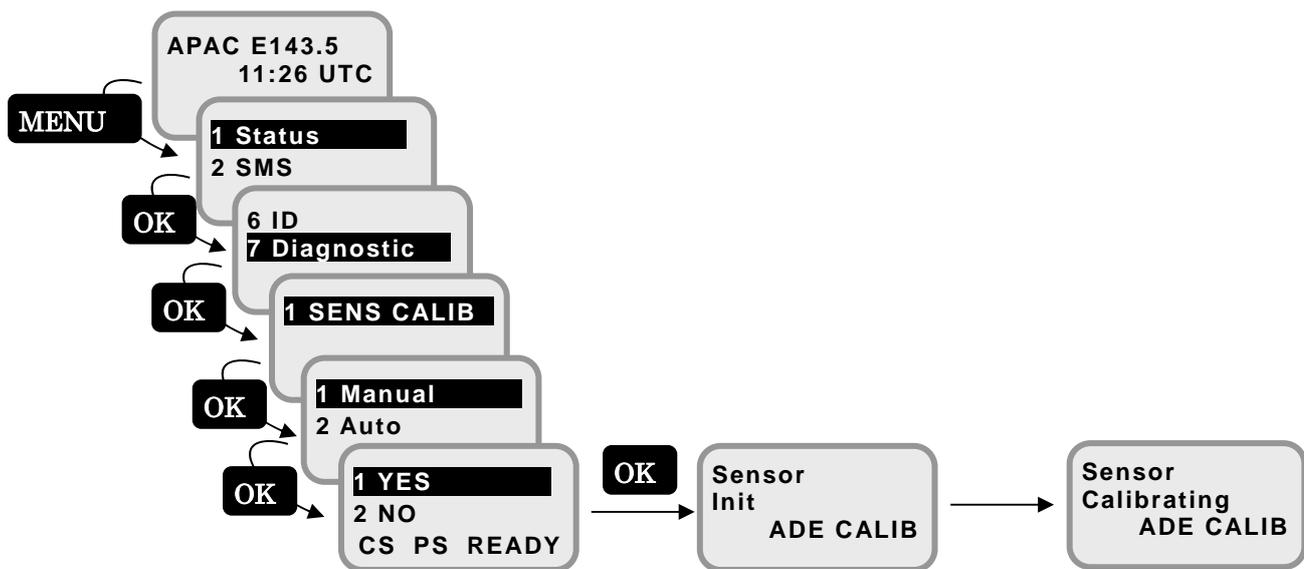


(7) After JUE-501/JUE-251 reboots, check whether satellite search is completed successfully and the terminal becomes ready (CS PS READY) or not.

1.2. When performing the calibration from Handset menu

- (1) To perform the ADE sensor manual calibration, press **MENU** button of Handset and select [1 Status] > [7 Diagnostic] > [1 SENS CALIB] > [1 Manual] and then select [YES].

After selecting [YES], ADE sensor manual calibration is started.



Note

- When the calibration is started, all PS and CS calls except for Distress and Urgency call are disconnected. And all PS and CS calls including Distress and Urgency call is not available.
- After starting the calibration, “Init”, “Calibrating” or “Result (Success or Fail(cause))” is displayed.
- The calibration is completed within 5 minutes after “Calibrating” is displayed.
- When “Fail(cause)” is displayed, handle it according to Table.2 in page 5.

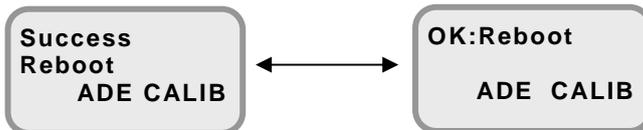
(2) The calibration is completed when “Result (Success or Fail(cause)) is displayed.

A) When “Success” is displayed,

Press **OK** button to reboot JUE-501/JUE-251.

After JUE-501/JUE-251 reboots, check whether satellite search is completed successfully and JUE-501/JUE251 become ready (CS PS READY) or not.

These screens are displayed alternately.

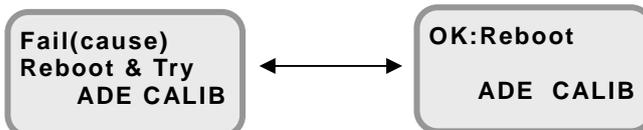


When pressing **OK** button, JUE-501/JUE-251 reboots.

B) When “Fail(cause)” is displayed,

Handle it according to Table.2 in page 5.

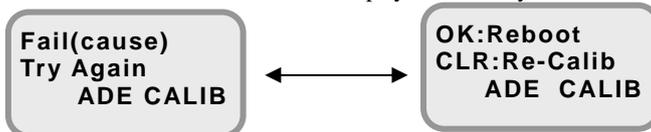
These screens are displayed alternately.



When pressing **OK** button, JUE-501/JUE-251 reboots.

OR

These screens are displayed alternately.



When pressing **OK** button, JUE-501/JUE-251 reboots.

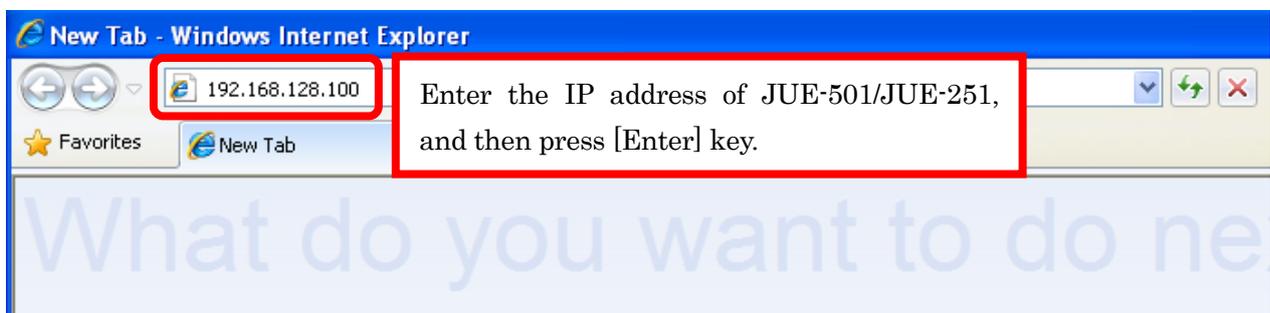
When pressing **CLR** button, JUE-501/JUE-251 restarts the calibration.

2. Get the Logpack file.

The getting Logpack file is made on “Alarmpack” screen of Web menu. How to use Web menu system is explained in [Sec.6 Web menu System] of the instruction manual.

- (1) Open the Web menu of JUE-501/JUE-251.

To open the Web menu of JUE-501/JUE-251, launch your Web browser, enter the IP address of JUE-501/JUE-251 (the default IP address is “192.168.128.100”) in URL box, and then press [Enter] key. If the IP address of JUE-501/JUE-251 is unclear, refer to Appendix A.



- (2) Enter “Alarmpack” screen.

To enter “Alarmpack” screen, click “System Log” > “Alarmpack” on the left menu panel.

- (3) Get “Logpack” file (*).

Select the “Logpack” item from the list box and then click “File” button.

(*) The file name of the Logpack file is “log_pack_GVxxxxx_YYYYMMDDhhmmss.tar.gz”.

GVxxxxx is serial number of BDE and YYYYMMDDhhmmss is the date and time gotten the file.

- (1) Open the Web menu of JUE-501/JUE-251.



3. Send the result to JRC.

Send ship's name, result of satellite search and "Logpack" file (the file name is "log_pack_GVxxxxx_YYYYMMDDhhmmss.tar.gz") to JRC Communication Group of Quality Assurance Department.

[The contact address for Communication Group of Quality Assurance Department]

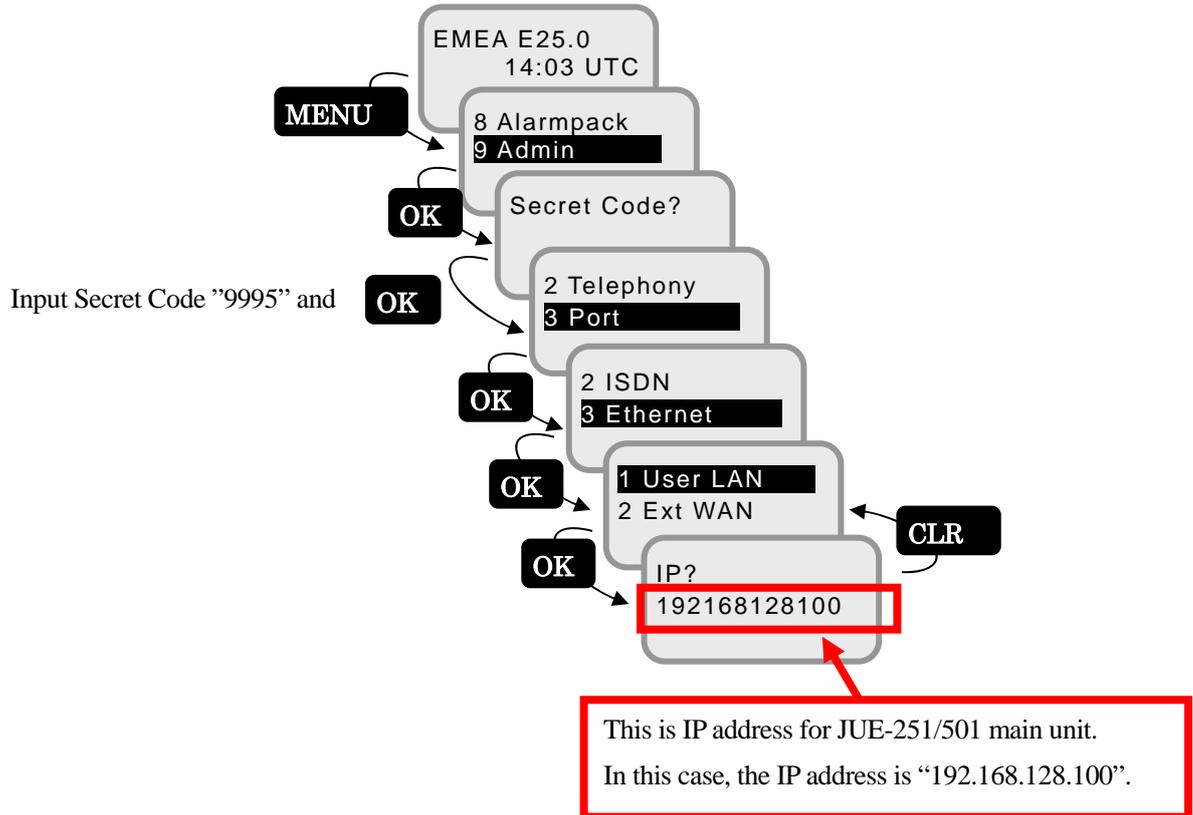
E-mail: support-inm-kaihin@jrc.co.jp

Appendix A.

Confirmation procedures for the IP address of JUE-501/JUE-251 main unit Rev 1.0

The IP address of JUE-501/JUE-251 main unit can be confirmed from Handset menu.

([Menu] button > [9 ADMIN] > (input Secret Code "9995") > [3 Port] > [3 Ethernet] > [1 User LAN]).



Inmarsat FB500/FB250 JUE-501/JUE-251 Software Version List (1/2)

No.	Ver.	Maintenance No.		Modification	
13	02.11	ADE	Boot	0.1	No change
			Main	21.04	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	02.11	- Function added: 1) The switching satellite by the indication of SAS (Russian area) 2) The getting a Logpack file by Guest user 3) The manual calibraion for ADE sensor from Handset menu 4) Supported Windows 10 (32/64bit) OS - Functions improved: 1) Automatic reboot in waters close to China 2) Hang up on activating Standard/Streaming IP by PPPoE
12	02.03	ADE	Boot	0.1	No change
			Main	21.04	- Function improved: 1) Added automate calibration function for ADE sensor on JUE-501(for JUE-501)
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	02.03	- Function added: 1) Added function to enable or disable IP header compression setting (for JUE-501 and JUE-251) - Functions improved: 1) Added automate calibration function for ADE sensor on JUE-501(JUE-501) 2) Improved that the issue that JUE-501/JUE-251 operated in GYRO satellite tracking mode repeats satellite search may occur (for JUE-501 and JUE-251)
11	01.96	ADE	Boot	0.1	No change
			Main	21.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.96	- Function improved: 1) Improved the issue that the SIM card cannot be recognized.
10	01.95	ADE	Boot	0.1	No change
			Main	21.01	- Function added: 1) Added function for calibrating ADE sensor. (The function is same as that of BDE-App 98.01)
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.95	- Functions added: 1) Supported MEAS (Middle East and Asia) satellite. 2) Supported Inmarsat FX (Fleet Xpress) service. 3) Added function to configure the operation mode for User LAN port. 4) Added new AT command "AT_IJCGDCONT" for PPPoE 5) Added function for calibrating ADE sensor. (The function is same as that of BDE-App 98.01) - Function improved: 1) Improved the issue that wrong APN User/Password is set in Web screen.
9	98.01	ADE	Boot	0.1	No change
			Main	21.01	- Function added: 1) Added the function for calibrating ADE sensor.
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	98.01	- Function added: 1) Added the function for calibrating ADE sensor.
8	01.78	ADE	Boot	0.1	No change
			Main	20.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.78	- Functions added: 1) Supported the Non-SOLAS Voice Distress service. - Functions improved: 1) Improved the Alphasat satellite issue that the terminal status repeats "SAT SEARCH" and "REGISTERING" alternatively, does not become "CS PS READY" and communication (voice and data) is failed in the specific area by changing the satellite in EMEA ocean region from I4 satellite to Alphasat satellite. 2) Changed that the service user "NAFOZgdiKF" who used with the tentative countermeasure of the above Alphasat satellite issue cannot log-in to JUE-501/JUE-251 Web menu. 3) Changed the specification of the PPPoE function.

Inmarsat FB500/FB250 JUE-501/JUE-251 Software Version List (2/2)

No.	Ver.	Maintenance No.		Modification	
7	01.65	ADE	Boot	0.1	No change
			Main	20.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.65	- Functions added: 1) Added the function for Call Waiting and Call Holding of Telephone Supplementary Service. 2) Extended the function for Auto Answer for Voice/Audio call. - Functions improved; 1) Improved the voice quality of Multi-Voice function.
6	01.57	ADE	Boot	0.1	No change
			Main	20.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.57	- Functions added: 1) Added the function to set Call Forwarding and Call Barring of Telephone Supplementary Service. 2) Added the function to get the file which is needed to diagnostic the JUE-501/251 collectively. - Functions improved; 1) Improved the issue that the packet cannot be sent to the air on Standard IP/Streaming IP communication infrequently.
5	01.45	ADE	Boot	0.1	No change
			Main	20.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.45	- Functions added: 1) Added Multi-Voice function 2) Supported Mimstone IP telephone (model: IP255P) 3) Extended PPPoE function - Functions improved; 1) Improvement of functions for Xpress Link system of Inmarsat
4	01.33	ADE	Boot	0.1	No change
			Main	20.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.33	- Functions added: 1) Added Handset functions for incoming calls 2) Extended PPPoE Function 3) Added some WEB menus - Functions improved; 1) Support and improvement of functions for Xpress Link system of Inmarsat 2) Improvement of the display-content and operability of some WEB menus
3	01.23	ADE	Boot	0.1	No change
			Main	20.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.23	(1) In only a few BDE, 2-wire telephone outgoing call and ISDN incoming/outgoing call may be impossible, and improved it.
2	01.22	ADE	Boot	0.1	No change
			Main	20.01	No change
		BDE	Boot	01.00	No change
			Safe	01.03	No change
			Main	01.03	No change
			App	01.22	(1) Add Multi-Voice function with Vocality Basics Multivoice (2) Add Bridge mode for PS connection (3) Add User registration function for ISDN dialup from shore side (4) Improve Character checking function of APN (Access Point Name) user name and password for special characters
1	01.14	ADE	Boot	0.1	Initial release
			Main	20.01	Initial release
		BDE	Boot	01.00	Initial release
			Safe	01.03	Initial release
			Main	01.03	Initial release
			App	01.14	Initial release

JUE-501/JUE-251 BDE serial numbers updated to BDE-App 02.11

(1)JUE-501 BDE(GSC-512)

GV27803	GV27998	GV28008
GV27860	GV27999	GV28009
GV27939	GV28000	GV28010
GV27989	GV28001	GV28011
GV27992	GV28002	GV28034
GV27993	GV28003	GV28438 and the following serial number
GV27994	GV28004	
GV27995	GV28005	
GV27996	GV28006	
GV27997	GV28007	

(2)JUE-501 BDE(GSC-512N2)

GV27621 and the following serial number
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(3)JUE-251 BDE(GSC-252)

GV25205	GV28153
GV25206	GV28204 and the following serial number
GV25207	
GV28148	
GV28149	

(4)JUE-501 BDE(GSC512-1)

GV91107	GV91736	GV91753 and the following serial number
GV91369	GV91737	
GV91703	GV91738	
GV91704	GV91739	
GV91705	GV91740	
GV91706	GV91741	
GV91707	GV91742	
GV91733	GV91749	
GV91734	GV91750	
GV91735	GV91751	

(5)JUE-251 BDE(GSC252-1)

GV90911	GV91662
GV90996	GV91663
GV91656	GV91813 and the following serial number
GV91657	
GV91660	