

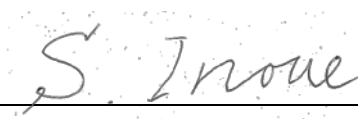
TECHNICAL INFORMATION
FROM
MARITIME SOLUTION GROUP

Subject : Information on software release (SYS version 01.54/11.54)

Equipment : JUE-250, Inmarsat FB250
JUE-500, Inmarsat FB500

Date : August 10, 2017

Issue Number : SC-0005-17



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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 (SYS01.54/11.54)

2. Objective Equipment

JUE-250 installing the software version (SYS version) SYS01.31 or younger.

JUE-500 installing the software version (SYS version) SYS11.44 or younger.

3. Information and Notice

Please be informed that the new software SYS01.54 for JUE-250 and JUE-11.54 for JUE-500 add the following function.

Note that the old JRC Launcher V2.0.3.2, V2.0.4.3 and V2.0.4.8 do not work with SYS01.54/11.54.

Thus, make sure to use the new JRC Launcher V2.0.5.0 for SYS01.54/11.54.

SYS01.54/11.54

- Function added:

Supported MEAS (Middle East and Asia) satellite.

Notice for JUE-250

Service type of TEL2 port will change to "Voice" setting after updating to SYS01.54 from SYS01.04-01.22. Confirm and set service type of TEL2 port properly according to the connected equipment (telephone or facsimile) without fail after this update.

(Service-news: FSN110006)

Notice for JUE-500

- Service type of TEL2 port will change to "Voice" setting after updating to SYS11.54 from SYS11.03-11.34. Confirm and set service type of TEL2 port properly according to the connected equipment (telephone or facsimile) without fail after this update.
(Service-news: FSN110014)
- OIU with SYS11.54 cannot import the Exported data made from SYS11.03-11.34. If you need the terminal setting backup, export the terminal setting again after updating to SYS11.54.

Request for updating the software

Before updating JUE-250/JUE-500 software and JRC Launcher V2, please read through the following procedure and notice:

- (1) Updating the software by using “JUE-250_01.54.exe” or “JUE-500_11.54.exe”.
- (2) Replace the JRC Launcher with V2.0.5.0 by using “JRCLauncherV2_2.0.5.0.zip”.

Notice for JUE-250

Before updating from SYS01.04-01.22 to SYS01.54, write down and record all the settings defined in both Handset “SMS-Setting” and “ADMIN” menu.

And then, after updating to SYS01.54, restore the setting by referring to the setting recorded before update.

Notice for JUE-500

Before updating from SYS11.03-11.34 to SYS11.54, write down and record all the settings defined in both Handset “SMS-Setting” and “ADMIN” menu.

And then, after updating to SYS11.54, restore the setting by referring to the setting recorded before update.

- Download the new JUE-250/JUE-500 Upgrader, JRC Launcher V2 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.

4. Document attached

- JUE-250 SYS01.54 release note
- JUE-250 Software Version List
- JUE-500 SYS11.54 release note
- JUE-500 Software Version List

5. Related Service-news and/or Technical Information

- FSN110006 : Default service type setting of TEL2 port is set as “Voice” from SYS01.27
- FSN110014 : Default service type setting of TEL2 port is set as “Voice” from SYS11.40

JRC FB 250 terminal JUE-250 new software ver. 01.54 release

JRC has released new software version: SYS01.54 for Fleet Broadband JUE-250 mobile terminals.
And we also released JRC Launcher V2 software version: V2.0.5.0. Please make sure to use new JRC Launcher V2.0.5.0 with new SYS01.54

Changes from SYS01.31 to SYS01.54

Following item has been added:

Added item:

- Supported MEAS (Middle East and Asia) satellite (Page 25)
The latest FleetBroadband coverage map is written in page 25.

NOTE1: Requirement for SYS01.04 - SYS01.26 users after updating to SYS01.54.

Service type of TEL2 port will change to “Voice” setting after updating to SYS01.54.
Confirm and set service type of TEL2 port properly according to the connected equipment (telephone or facsimile) without fail.

NOTE2: Requirement for SYS01.04-SYS01.22 user before updating to SYS01.54.

Write down and record all the settings defined in both Handset “SMS-Setting” and “ADMIN” menu before updating to SYS01.54 (Please use the setting list from page 18).
After updating to SYS01.54, restore the setting by referring to the settings recorded before the update.

Software updating procedure

Update JUE-250 software with following procedure a) to d).

* Do not connect any router or other equipment when updating JUE-250. Also, PC must be on the same network as JUE-250.

a) Confirm the connection

JUE-250 software updating is executed by a PC with dedicated application for PC.

Prepare a PC and connect it to your JUE-250. (For details, refer “1. Confirm the connection”)

* Windows XP/Vista/7 OS is required.

b) Download the latest software for JUE-250

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-250”)

c) Update JUE-250 software

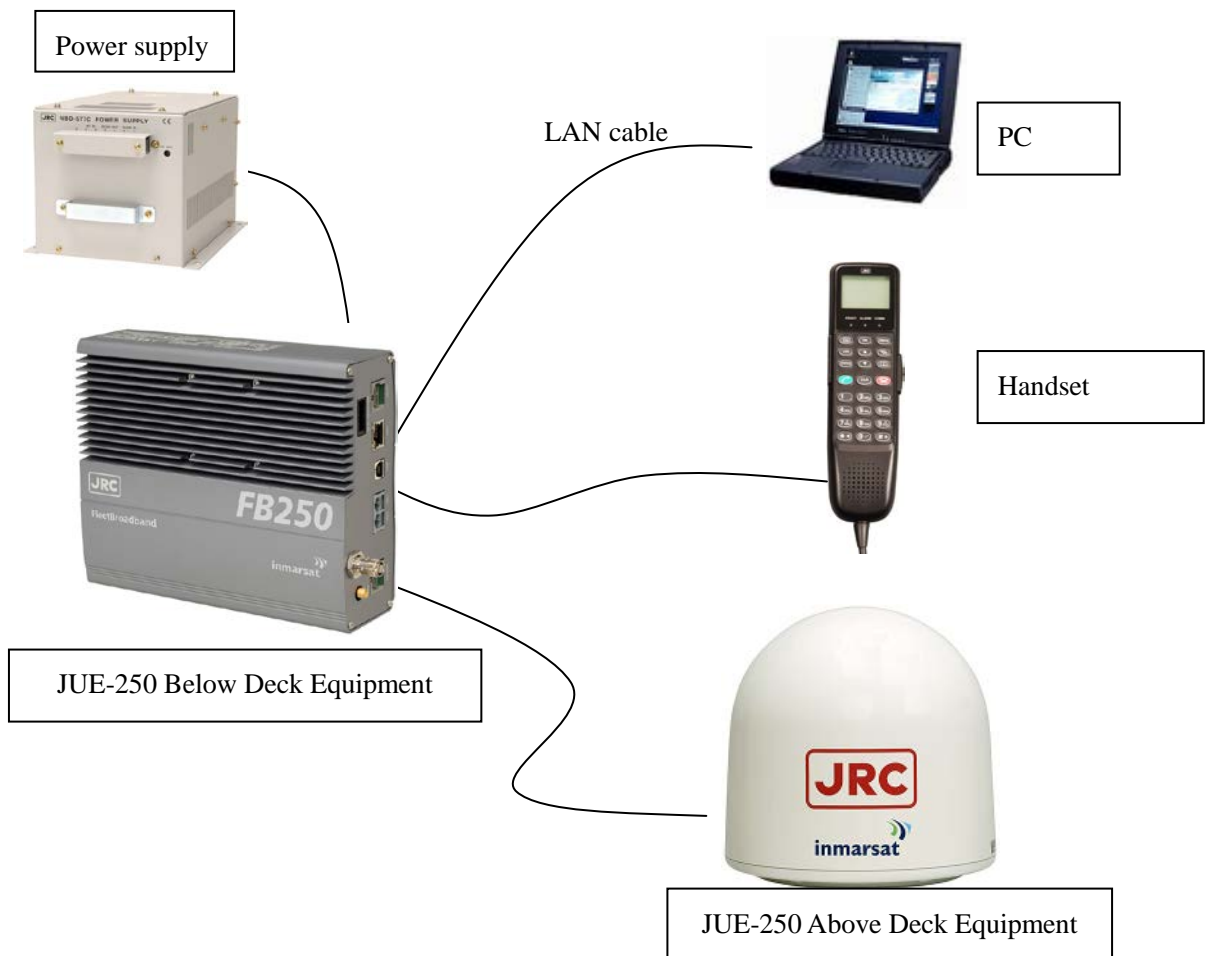
Update the JUE-250 software by the downloaded software. (For details, refer “3. Update JUE-250 software”)

d) Confirm the updated software version

Confirm the software version after updating, to check that JUE-250 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 Ethernet port of JUE-250, with LAN straight cable. * Do not connect any router or other equipment between JUE-250 and a PC when updating JUE-250. Also, PC must be on the same network as JUE-250.

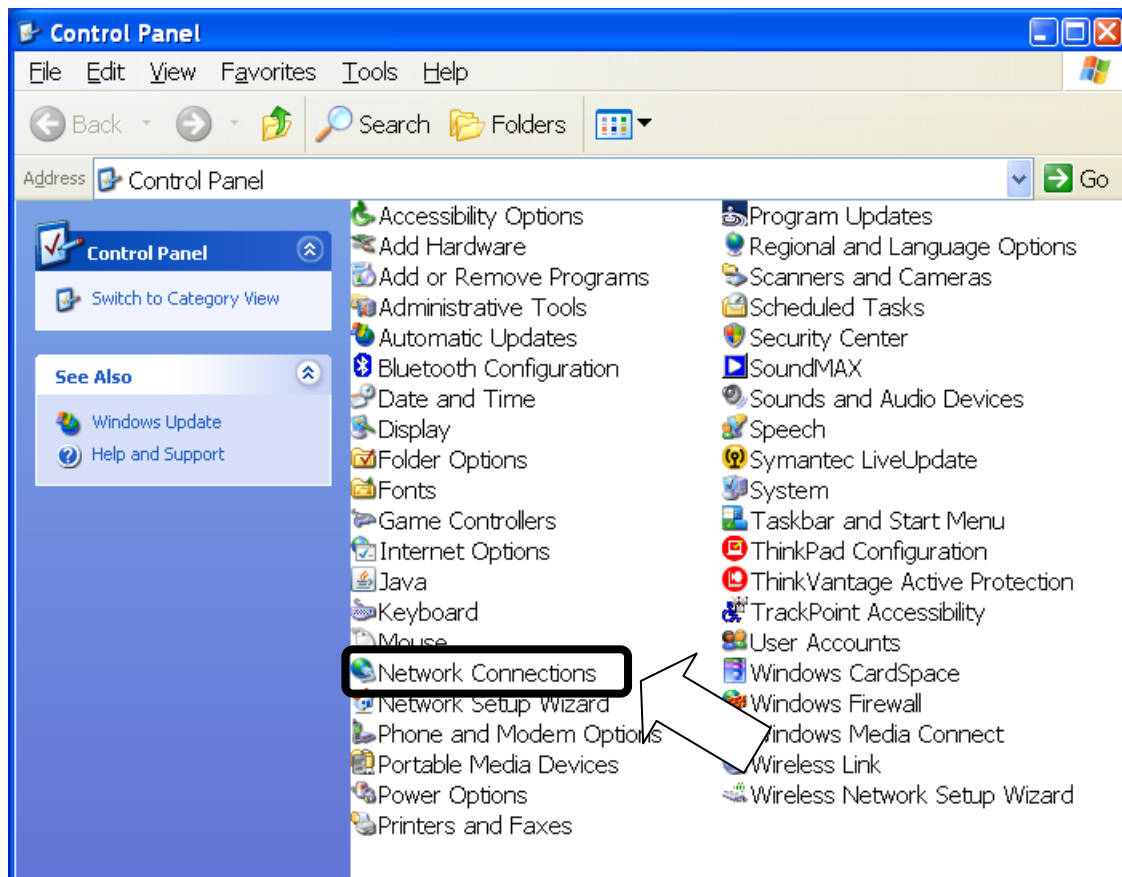


- (2). Set the LAN port IP address (being connected to Ethernet port of JUE-250) of your PC, to be on the same network as JUE-250 by the following procedure.

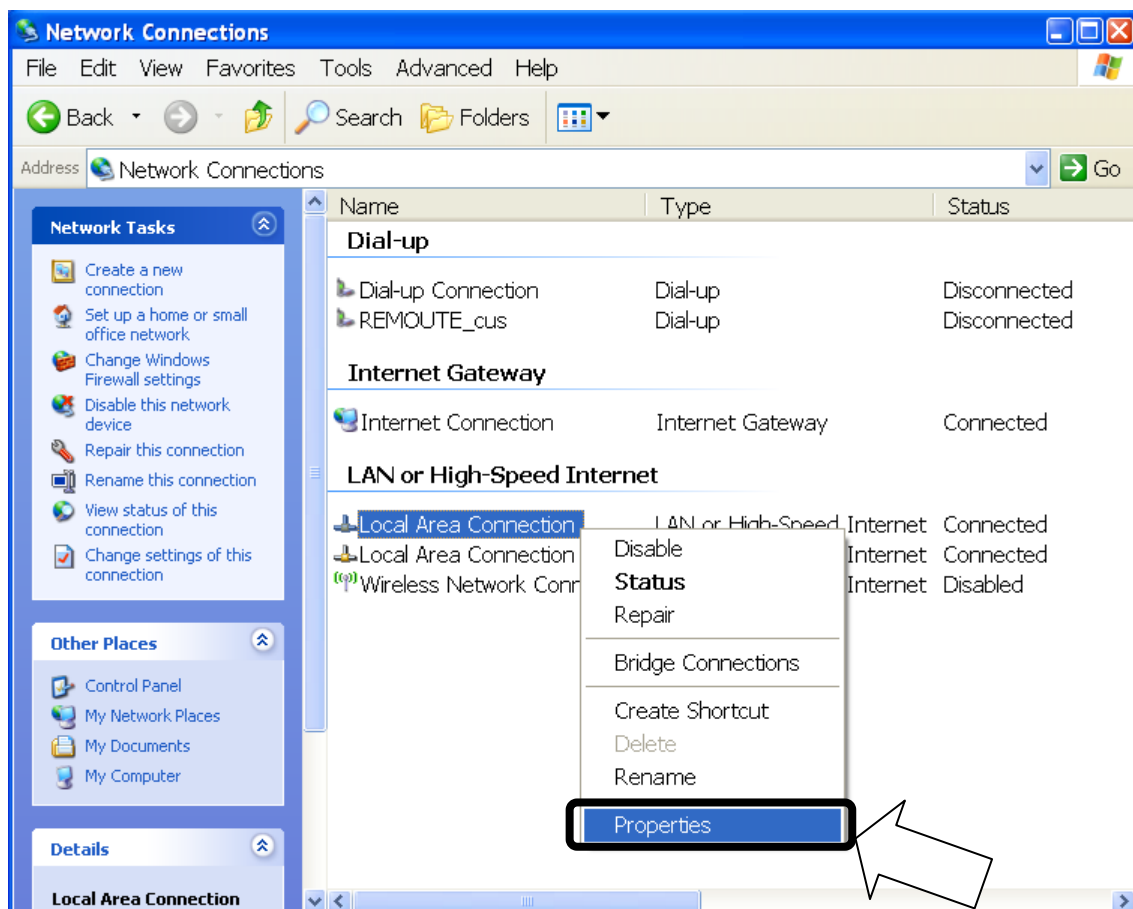
NOTE

- 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 (default value 0001) - <3> Port - <3> Ethernet - 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.

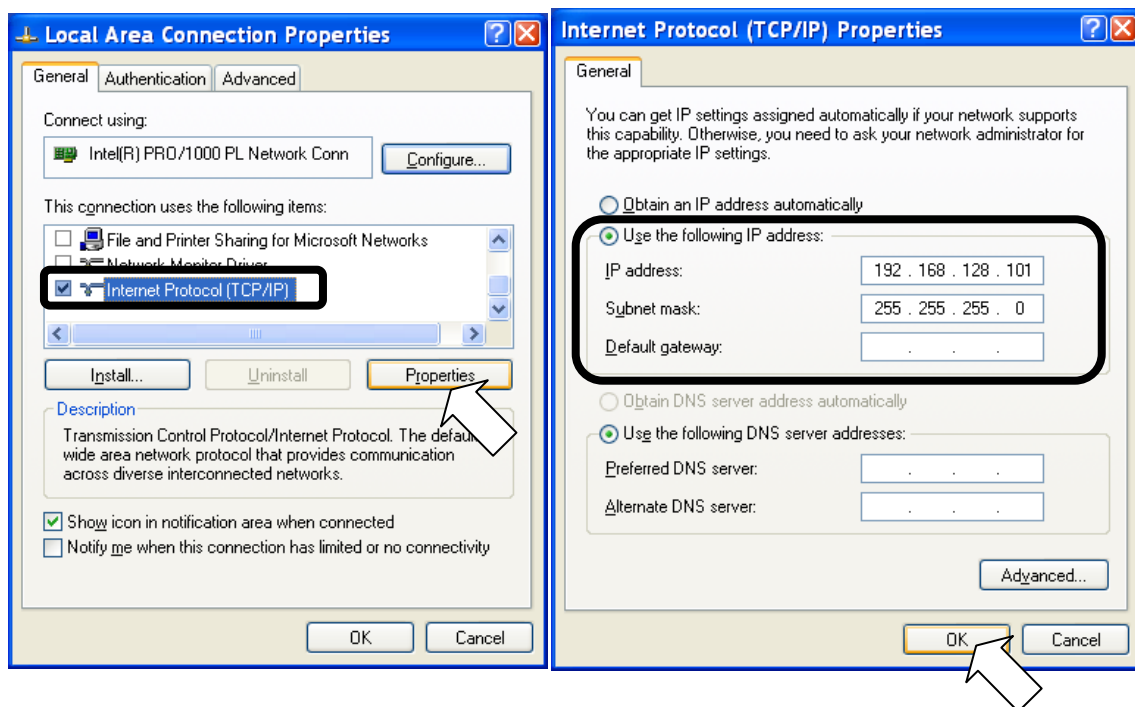
- Confirm BDE's IP address from the Handset.
 - BDE's DHCP setting can be referred at the Handset menu, <9> ADMIN - Input secret code (default value 0001) - <3> Port - <3> Ethernet.
- Select [start]-[Control Panel].
 - [Control Panel] window is displayed.



- 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-500. 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-250

The latest software of JUE-250 is uploaded on the HP of Inmarsat and JRC/Alphatron Marine.
The URLs are as follows:

- Inmarsat
<https://www.inmarsat.com/support/fleetbroadband-firmware/>
- JRC/Alphatron Marine
<http://jrc.am/support/productcenter#jue-250>

If the software's version on the HP is larger than the JUE-250's software version, download the software from HP.

Software version of JUE-250 main unit can be displayed on Handset screen with following operation:

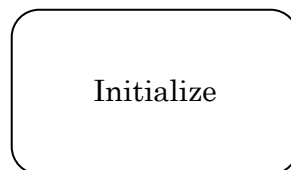
<1> Status - <5> Unit Info - <2> Mainte No.- SYS

3. Update JUE-250 software

Note

- Do not turn OFF the power supply of JUE-250 and/or PC during the software forwarding or updating
- Software forwarding or updating takes up to 20 minutes.

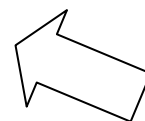
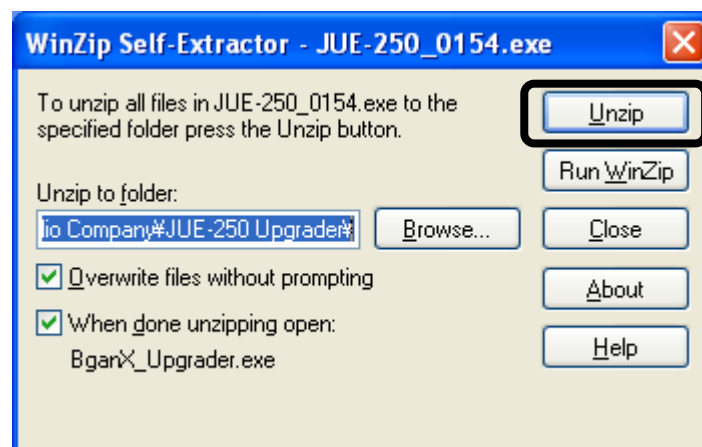
1. Activate your JUE-250 and confirm that initialization is completed.
* [Initialize] is displayed during initialization on the Handset screen.



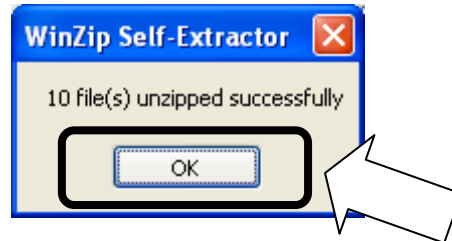
2. Execute the downloaded software file [JUE-250_0XXX.exe]. Double click the icon.



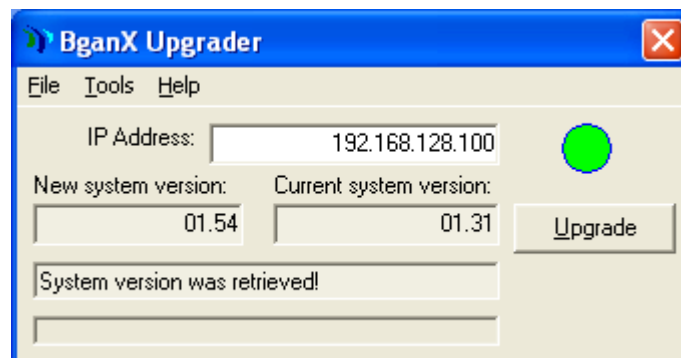
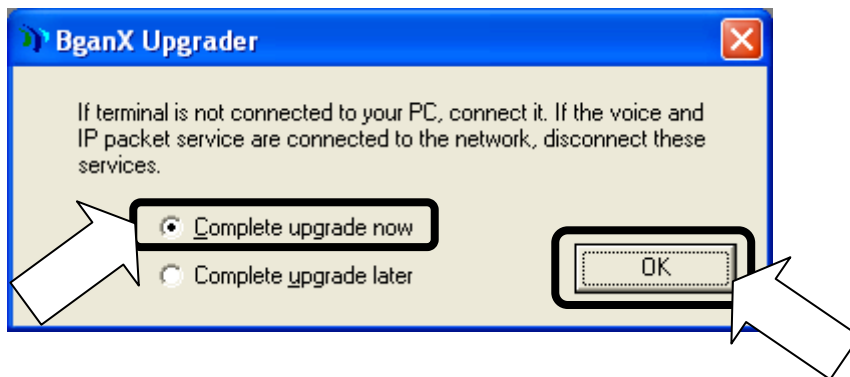
3. Following dialog box is displayed. Click [Unzip] button.
Default unzip folder is C:\Program Files\Japan Radio Company\JUE-250 Upgrader\.



4. Following dialog box is displayed. Click [OK] button.



5. Select [Complete upgrade now] and click [OK] button. [BganX Upgrader] is activated.



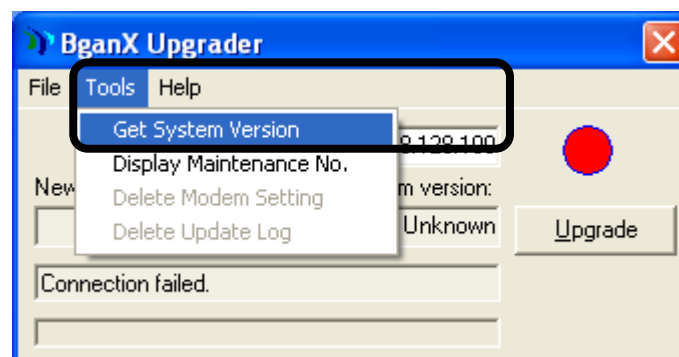
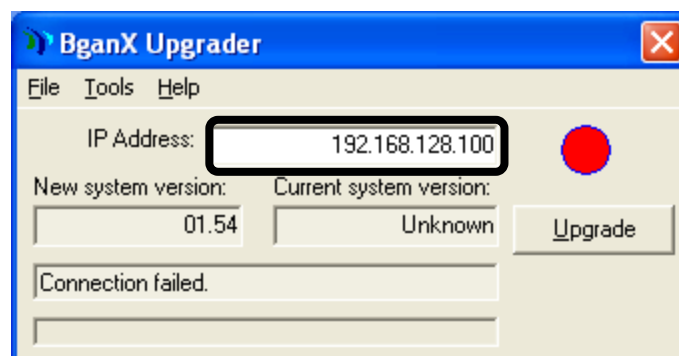
5.1. If the PC cannot connect with BDE

If your PC cannot connect with BDE, below screen is displayed.



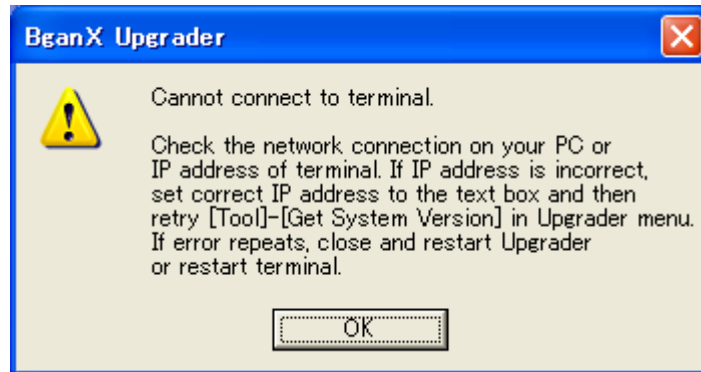
In this case, assumable cause is changed BDE's IP address.

Set the current BDE's IP address into the textbox which displays below IP address, and then select [Tool] – [Get System Version] from Window's menu. Current BDE' IP address can be referred at the Handset menu, <9> ADMIN - Input secret code (default value 0001) - <3> Port - <3> Ethernet.



5.2. If the PC cannot still connect with BDE after the BDE IP confirmation

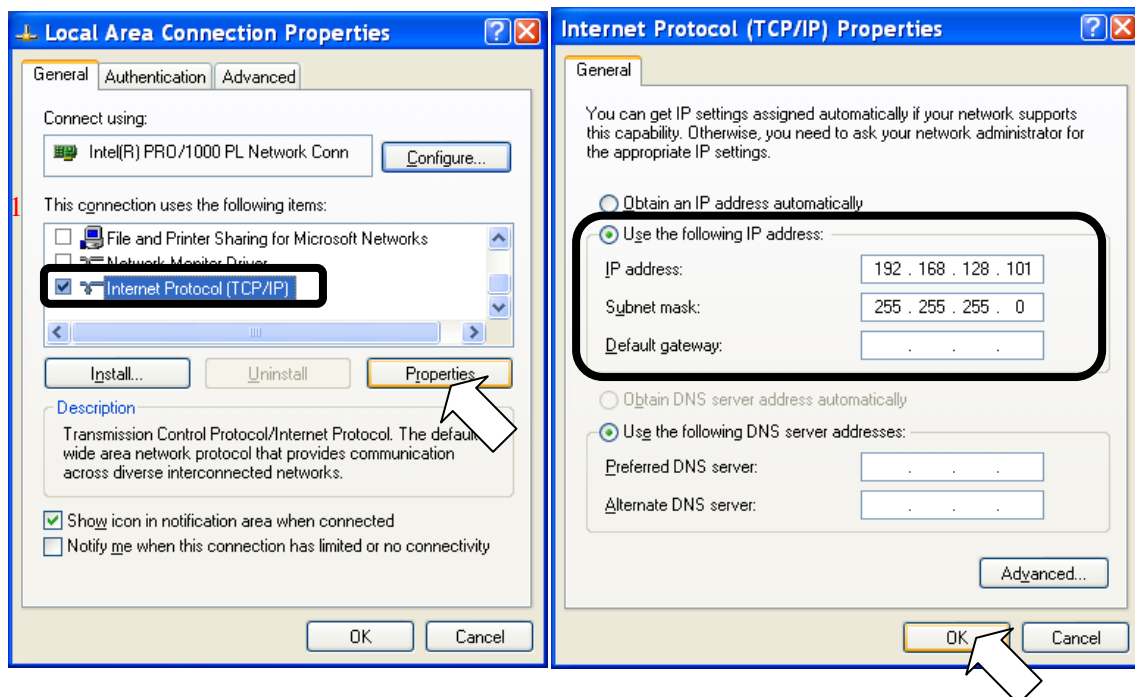
If your PC cannot connect with BDE after the BDE IP confirmation, below screen is displayed.



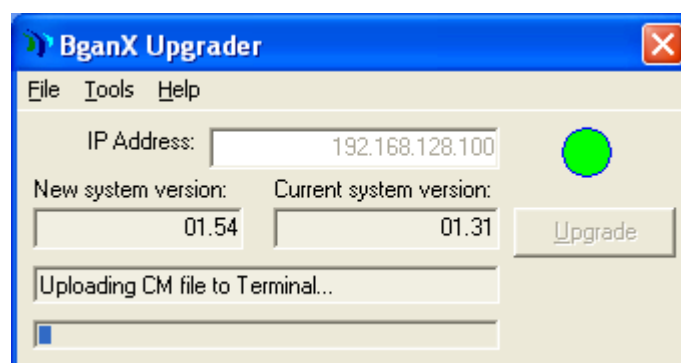
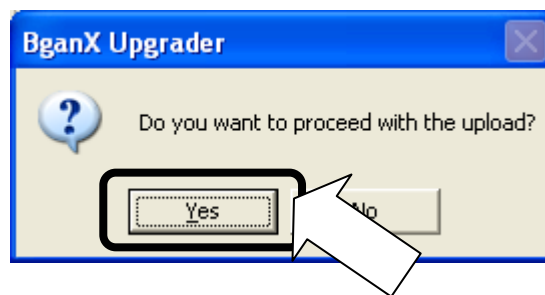
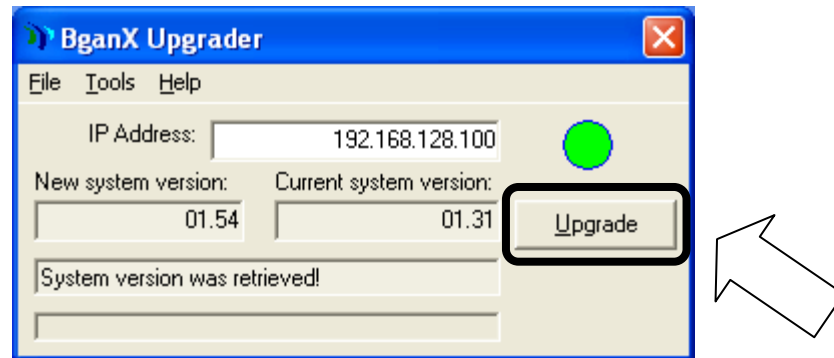
In this case, assumable cause is changed PC's IP address.

Confirm the PC's IP address is set to be on the same network as the BDE. Refer to "1. Confirm the connection" step (2) to confirm PC's IP address setting.

e.g. When the BDE's IP address is 192.168.128.100



6. [Upgrade] button turns to active when installation is ready. Click [Upgrade] button. After that, click [Yes] button in confirmation window. Forwarding of the file is started.



7. Following dialog box is displayed when file forwarding is completed. JUE-250 reboots automatically after several tens of seconds, and starts software updating.
Click [OK] button to close this dialog box.



8. [SW UPDATE] is displayed on the Handset screen during software updating.

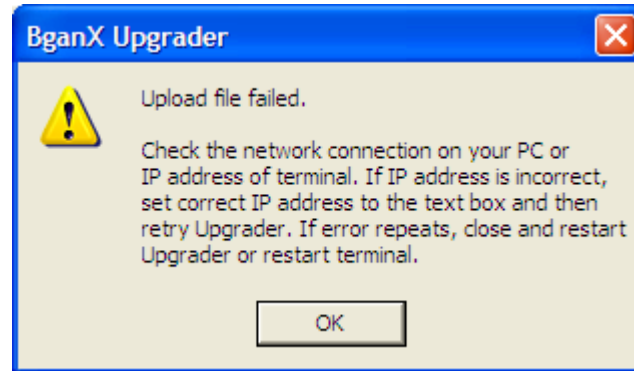


9. JUE-250 reboots when software updating is successfully completed.

9.1. When software update is failed

Update is failed when following phenomenon is generated.

- A) [Upload file failed] dialog box is displayed on the PC.



- B) [BDE Update Error] or [ADE Update Error] is displayed on the Handset screen.

BDE Update
Error X

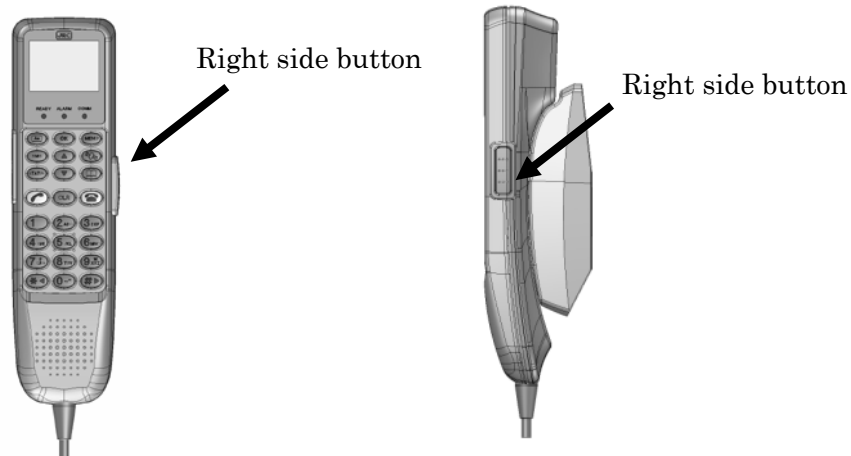
ADE Update
Error X

- C) Although the software is transferred and JUE-250 rebooted, updating is not completed even past 20 minutes or more since its start.

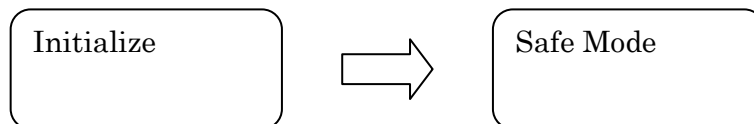
To improve above A) to C), update again with referring to [Recovery procedure when software update is failed] (next page).

9.2. Recovery procedure when software update is failed

- A) Turn OFF the power supply of JUE-250.
- B) Quit [JUE-250 Upgrader], if it is still activating.
- C) Turn ON the power supply of JUE-250 with pressing the right side button of the Handset.



- D) Leave your finger from the right side button of the Handset when Ready LED of main unit starts to blink.
- E) Confirm the Handset screen transition, it displays [Initialize] and [Safe Mode].

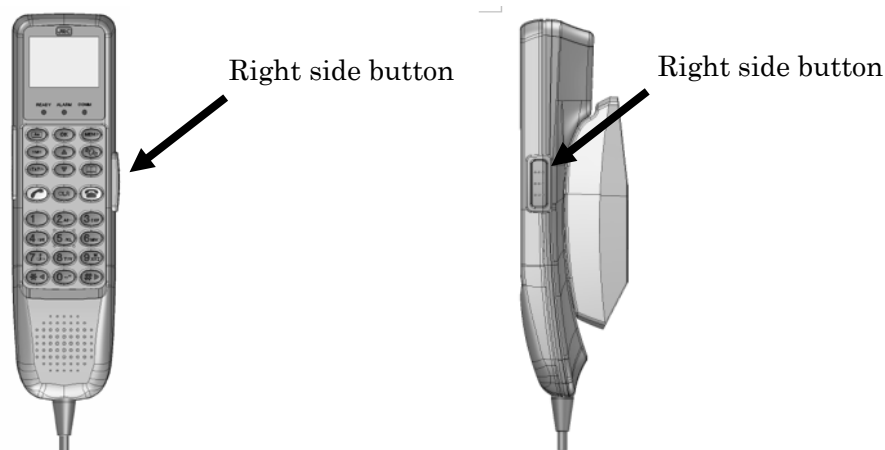


- F) Repeat from the 2nd procedure of [3 . Update JUE-250 software].

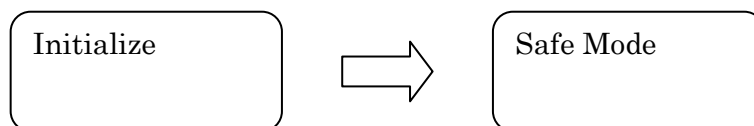
9.3. Software downgrading procedure

If you have any problems caused by upgrading, you can downgrade the software.

- A) Turn OFF the power supply of JUE-250.
- B) Quit [JUE-250 Upgrader], if it is still activating.
- C) Turn ON the power supply of JUE-250 with pressing the right side button of the Handset.



- D) Leave your finger from the right side button of the Handset when Ready LED of main unit starts to blink.
- E) Confirm the Handset screen transition, it displays [Initialize] and [Safe Mode].



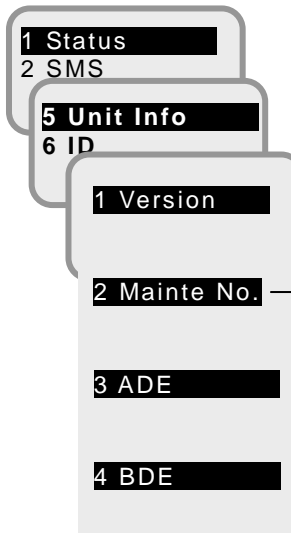
- F) Repeat from the 2nd procedure of [3 . Update JUE-250 software]. Use [JUE-250_0xxx.exe] in CD-ROM of JUE-250 to execute, instead of the downloaded file [JUE-250_0xxx.exe].

4. Confirm the updated software version

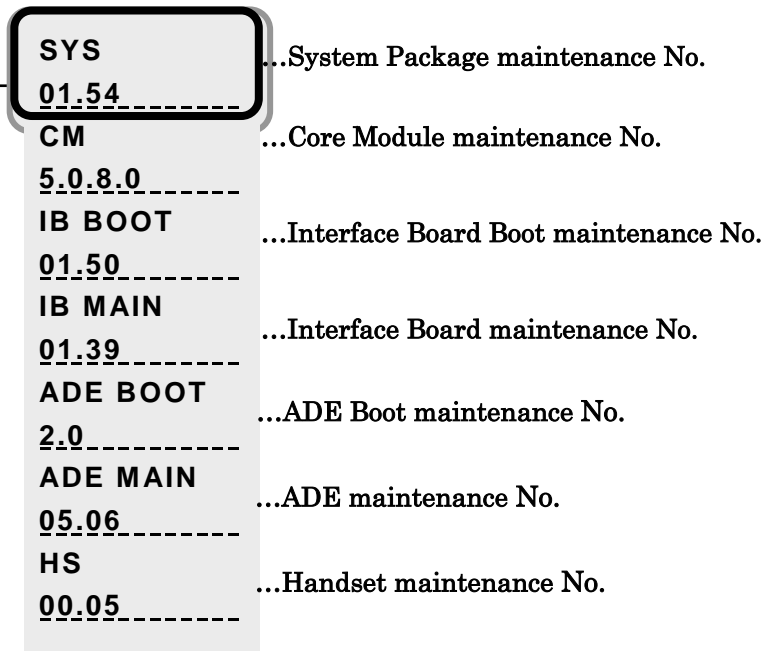
Check that the software version is correctly updated or not, from the following the Handset menu,
<1> Status - <5> Unit Info - <2> Mainte No. - SYS

When the update is succeeded, SYS No. is changed to the same number as the [0xxx] of the software file [JUE-250_0xxx.exe]

Unit Info menu screen



2.Mainte No. display screen



Setting List

Item	Default	Setting
SMS Service Center Address (SCA)	00870772001799	
SMS Validity	1 Day	
SMS Class	3	
SMS Send Status Report	OFF	
SMS Send Character Code	GSM7	
SMS Signature	OFF	
Delivery date	2007/01/01	
Time differences from UTC	+00:00	
Main unit LED ON/OFF	ON	
Selection of satellite tracking method	AUTO	
Use of Secret code for a call from Handset port	OFF	
Use of Secret code for a call from TEL1 port	OFF	
Use of Secret code for a call from TEL2 port	OFF	
Volume level of Handset port	NORMAL	
Volume level of TEL1 port	NORMAL	
Volume level of TEL2 port	NORMAL	
COMM TYPE of TEL1 port	VOICE	
COMM TYPE of TEL2 port	VOICE	
Call Request of Handset port	ON	
Call Request of TEL1 port	ON	
Call Request of TEL2 port	ON	
Call Reception of Handset port	ON	
Call Reception of TEL1 port	ON	
Call Reception of TEL2 port	ON	
Voice-MSN of ISDN	1	
Audio-MSN of ISDN	2	
Backlight dimmer of Handset	3	
Brightness of Handset LED lamps	3	
Ringer pattern of Handset	1	
Ringer volume of Handset	2	
Voice volume of Handset	2	
ON/OFF of key click sound of Handset	ON	
IP Address	192.168.128.100	
SUBNET MASK	255.255.255.0	
DHCP ON/OFF	ON (YES)	
Minimum allocation IP address for DHCP	192.168.128.101	
Total amount of allocatable IP address number	154	

Item		Default	Setting
USER REGISTRATION No.1	USER	ADMIN	
USER REGISTRATION No.1	CODE	0001	
USER REGISTRATION No.1	STANDARD	MANUAL	
USER REGISTRATION No.1	STREAMING	MANUAL	
USER REGISTRATION No.1	Single/Multi	SINGLE	
USER REGISTRATION No.2	USER	(empty)	
USER REGISTRATION No.2	CODE	(empty)	
USER REGISTRATION No.2	STANDARD	MANUAL	
USER REGISTRATION No.2	STREAMING	MANUAL	
USER REGISTRATION No.2	Single/Multi	SINGLE	
USER REGISTRATION No.3	USER	(empty)	
USER REGISTRATION No.3	CODE	(empty)	
USER REGISTRATION No.3	STANDARD	MANUAL	
USER REGISTRATION No.3	STREAMING	MANUAL	
USER REGISTRATION No.3	Single/Multi	SINGLE	
USER REGISTRATION No.4	USER	(empty)	
USER REGISTRATION No.4	CODE	(empty)	
USER REGISTRATION No.4	STANDARD	MANUAL	
USER REGISTRATION No.4	STREAMING	MANUAL	
USER REGISTRATION No.4	Single/Multi	SINGLE	
USER REGISTRATION No.5	USER	(empty)	
USER REGISTRATION No.5	CODE	(empty)	
USER REGISTRATION No.5	STANDARD	MANUAL	
USER REGISTRATION No.5	STREAMING	MANUAL	
USER REGISTRATION No.5	Single/Multi	SINGLE	
USER REGISTRATION No.6	USER	(empty)	
USER REGISTRATION No.6	CODE	(empty)	
USER REGISTRATION No.6	STANDARD	MANUAL	
USER REGISTRATION No.6	STREAMING	MANUAL	
USER REGISTRATION No.6	Single/Multi	SINGLE	
USER REGISTRATION No.7	USER	(empty)	
USER REGISTRATION No.7	CODE	(empty)	
USER REGISTRATION No.7	STANDARD	MANUAL	
USER REGISTRATION No.7	STREAMING	MANUAL	
USER REGISTRATION No.7	Single/Multi	SINGLE	
USER REGISTRATION No.8	USER	(empty)	
USER REGISTRATION No.8	CODE	(empty)	
USER REGISTRATION No.8	STANDARD	MANUAL	
USER REGISTRATION No.8	STREAMING	MANUAL	
USER REGISTRATION No.8	Single/Multi	SINGLE	
USER REGISTRATION No.9	USER	(empty)	
USER REGISTRATION No.9	CODE	(empty)	
USER REGISTRATION No.9	STANDARD	MANUAL	
USER REGISTRATION No.9	STREAMING	MANUAL	
USER REGISTRATION No.9	Single/Multi	SINGLE	

Item	Default	Setting
USER REGISTRATION No.10 USER	(empty)	
USER REGISTRATION No.10 CODE	(empty)	
USER REGISTRATION No.10 STANDARD	MANUAL	
USER REGISTRATION No.10 STREAMING	MANUAL	
USER REGISTRATION No.10 Single/Multi	SINGLE	
USER REGISTRATION No.11 USER	(empty)	
USER REGISTRATION No.11 CODE	(empty)	
USER REGISTRATION No.11 STANDARD	MANUAL	
USER REGISTRATION No.11 STREAMING	MANUAL	
USER REGISTRATION No.11 Single/Multi	SINGLE	
USER REGISTRATION No.12 USER	(empty)	
USER REGISTRATION No.12 CODE	(empty)	
USER REGISTRATION No.12 STANDARD	MANUAL	
USER REGISTRATION No.12 STREAMING	MANUAL	
USER REGISTRATION No.12 Single/Multi	SINGLE	
USER REGISTRATION No.13 USER	(empty)	
USER REGISTRATION No.13 CODE	(empty)	
USER REGISTRATION No.13 STANDARD	MANUAL	
USER REGISTRATION No.13 STREAMING	MANUAL	
USER REGISTRATION No.13 Single/Multi	SINGLE	
USER REGISTRATION No.14 USER	(empty)	
USER REGISTRATION No.14 CODE	(empty)	
USER REGISTRATION No.14 STANDARD	MANUAL	
USER REGISTRATION No.14 STREAMING	MANUAL	
USER REGISTRATION No.14 Single/Multi	SINGLE	
USER REGISTRATION No.15 USER	(empty)	
USER REGISTRATION No.15 CODE	(empty)	
USER REGISTRATION No.15 STANDARD	MANUAL	
USER REGISTRATION No.15 STREAMING	MANUAL	
USER REGISTRATION No.15 Single/Multi	SINGLE	
USER REGISTRATION No.16 USER	(empty)	
USER REGISTRATION No.16 CODE	(empty)	
USER REGISTRATION No.16 STANDARD	MANUAL	
USER REGISTRATION No.16 STREAMING	MANUAL	
USER REGISTRATION No.16 Single/Multi	SINGLE	
USER REGISTRATION No.17 USER	(empty)	
USER REGISTRATION No.17 CODE	(empty)	
USER REGISTRATION No.17 STANDARD	MANUAL	
USER REGISTRATION No.17 STREAMING	MANUAL	
USER REGISTRATION No.17 Single/Multi	SINGLE	
USER REGISTRATION No.18 USER	(empty)	
USER REGISTRATION No.18 CODE	(empty)	
USER REGISTRATION No.18 STANDARD	MANUAL	
USER REGISTRATION No.18 STREAMING	MANUAL	
USER REGISTRATION No.18 Single/Multi	SINGLE	
USER REGISTRATION No.19 USER	(empty)	
USER REGISTRATION No.19 CODE	(empty)	
USER REGISTRATION No.19 STANDARD	MANUAL	
USER REGISTRATION No.19 STREAMING	MANUAL	
USER REGISTRATION No.19 Single/Multi	SINGLE	

Item	Default	Setting
USER REGISTRATION No.20 USER	(empty)	
USER REGISTRATION No.20 CODE	(empty)	
USER REGISTRATION No.20 STANDARD	MANUAL	
USER REGISTRATION No.20 STREAMING	MANUAL	
USER REGISTRATION No.20 Single/Multi	SINGLE	
USER REGISTRATION No.21 USER	(empty)	
USER REGISTRATION No.21 CODE	(empty)	
USER REGISTRATION No.21 STANDARD	MANUAL	
USER REGISTRATION No.22 STREAMING	MANUAL	
USER REGISTRATION No.22 Single/Multi	SINGLE	
USER REGISTRATION No.22 USER	(empty)	
USER REGISTRATION No.22 CODE	(empty)	
USER REGISTRATION No.22 STANDARD	MANUAL	
USER REGISTRATION No.22 STREAMING	MANUAL	
USER REGISTRATION No.22 Single/Multi	SINGLE	
USER REGISTRATION No.23 USER	(empty)	
USER REGISTRATION No.23 CODE	(empty)	
USER REGISTRATION No.23 STANDARD	MANUAL	
USER REGISTRATION No.23 STREAMING	MANUAL	
USER REGISTRATION No.23 Single/Multi	SINGLE	
USER REGISTRATION No.21 USER	(empty)	
USER REGISTRATION No.24 CODE	(empty)	
USER REGISTRATION No.24 STANDARD	MANUAL	
USER REGISTRATION No.24 STREAMING	MANUAL	
USER REGISTRATION No.24 Single/Multi	SINGLE	
USER REGISTRATION No.25 USER	(empty)	
USER REGISTRATION No.25 CODE	(empty)	
USER REGISTRATION No.25 STANDARD	MANUAL	
USER REGISTRATION No.25 STREAMING	MANUAL	
USER REGISTRATION No.25 Single/Multi	SINGLE	
USER REGISTRATION No.26 USER	(empty)	
USER REGISTRATION No.26 CODE	(empty)	
USER REGISTRATION No.26 STANDARD	MANUAL	
USER REGISTRATION No.26 STREAMING	MANUAL	
USER REGISTRATION No.26 Single/Multi	SINGLE	
USER REGISTRATION No.27 USER	(empty)	
USER REGISTRATION No.27 CODE	(empty)	
USER REGISTRATION No.27 STANDARD	MANUAL	
USER REGISTRATION No.27 STREAMING	MANUAL	
USER REGISTRATION No.27 Single/Multi	SINGLE	
USER REGISTRATION No.28 USER	(empty)	
USER REGISTRATION No.28 CODE	(empty)	
USER REGISTRATION No.28 STANDARD	MANUAL	
USER REGISTRATION No.28 STREAMING	MANUAL	
USER REGISTRATION No.28 Single/Multi	SINGLE	
USER REGISTRATION No.29 USER	(empty)	
USER REGISTRATION No.29 CODE	(empty)	
USER REGISTRATION No.29 STANDARD	MANUAL	
USER REGISTRATION No.29 STREAMING	MANUAL	
USER REGISTRATION No.29 Single/Multi	SINGLE	

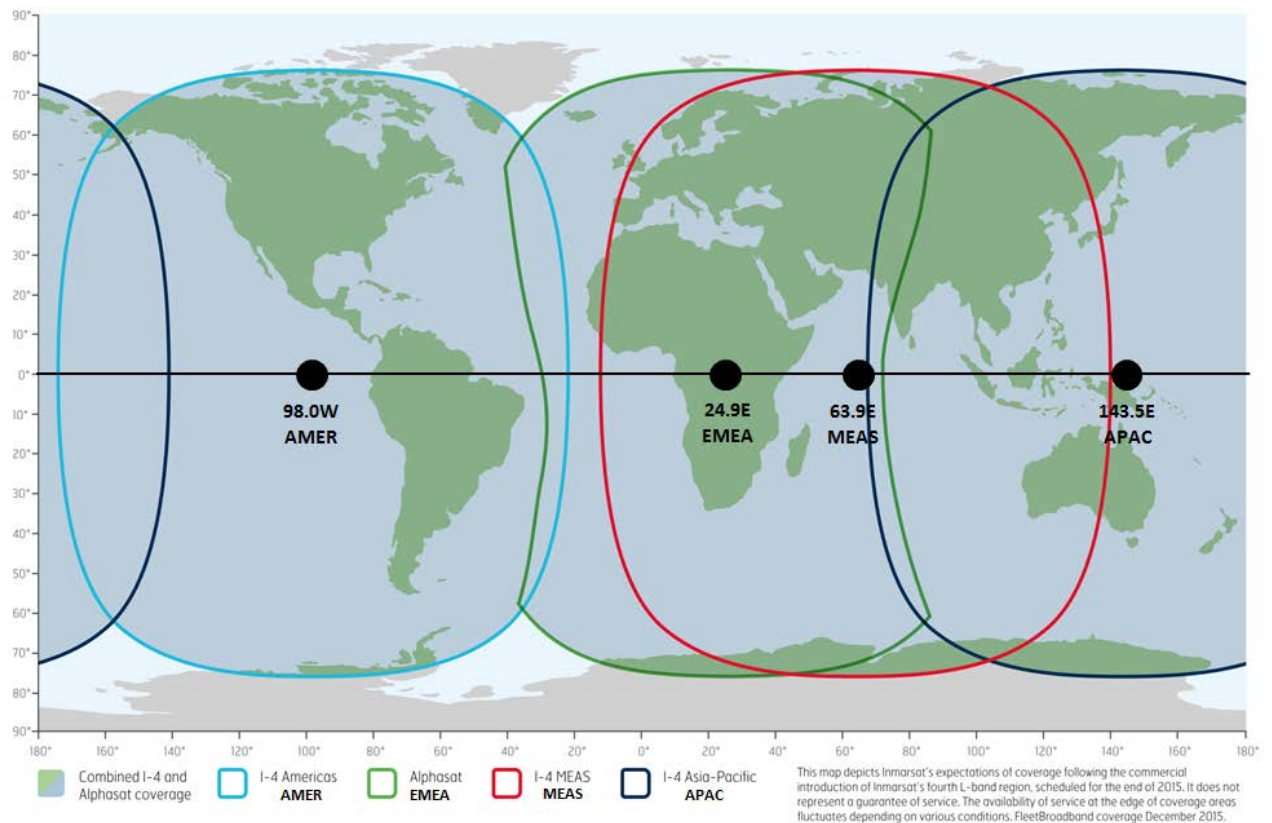
Item	Default	Setting
USER REGISTRATION No.30 USER	(empty)	
USER REGISTRATION No.30 CODE	(empty)	
USER REGISTRATION No.30 STANDARD	MANUAL	
USER REGISTRATION No.30 STREAMING	MANUAL	
USER REGISTRATION No.30 Single/Multi	SINGLE	
USER REGISTRATION No.31 USER	(empty)	
USER REGISTRATION No.31 CODE	(empty)	
USER REGISTRATION No.31 STANDARD	MANUAL	
USER REGISTRATION No.31 STREAMING	MANUAL	
USER REGISTRATION No.31 Single/Multi	SINGLE	
USER REGISTRATION No.32 USER	(empty)	
USER REGISTRATION No.32 CODE	(empty)	
USER REGISTRATION No.32 STANDARD	MANUAL	
USER REGISTRATION No.32 STREAMING	MANUAL	
USER REGISTRATION No.32 Single/Multi	SINGLE	
USER REGISTRATION No.33 USER	(empty)	
USER REGISTRATION No.33 CODE	(empty)	
USER REGISTRATION No.33 STANDARD	MANUAL	
USER REGISTRATION No.33 STREAMING	MANUAL	
USER REGISTRATION No.33 Single/Multi	SINGLE	
USER REGISTRATION No.34 USER	(empty)	
USER REGISTRATION No.34 CODE	(empty)	
USER REGISTRATION No.34 STANDARD	MANUAL	
USER REGISTRATION No.34 STREAMING	MANUAL	
USER REGISTRATION No.34 Single/Multi	SINGLE	
USER REGISTRATION No.35 USER	(empty)	
USER REGISTRATION No.35 CODE	(empty)	
USER REGISTRATION No.35 STANDARD	MANUAL	
USER REGISTRATION No.35 STREAMING	MANUAL	
USER REGISTRATION No.35 Single/Multi	SINGLE	
USER REGISTRATION No.36 USER	(empty)	
USER REGISTRATION No.36 CODE	(empty)	
USER REGISTRATION No.36 STANDARD	MANUAL	
USER REGISTRATION No.36 STREAMING	MANUAL	
USER REGISTRATION No.36 Single/Multi	SINGLE	
USER REGISTRATION No.37 USER	(empty)	
USER REGISTRATION No.37 CODE	(empty)	
USER REGISTRATION No.37 STANDARD	MANUAL	
USER REGISTRATION No.37 STREAMING	MANUAL	
USER REGISTRATION No.37 Single/Multi	SINGLE	
USER REGISTRATION No.38 USER	(empty)	
USER REGISTRATION No.38 CODE	(empty)	
USER REGISTRATION No.38 STANDARD	MANUAL	
USER REGISTRATION No.38 STREAMING	MANUAL	
USER REGISTRATION No.38 Single/Multi	SINGLE	
USER REGISTRATION No.39 USER	(empty)	
USER REGISTRATION No.39 CODE	(empty)	
USER REGISTRATION No.39 STANDARD	MANUAL	
USER REGISTRATION No.39 STREAMING	MANUAL	
USER REGISTRATION No.39 Single/Multi	SINGLE	

Item	Default	Setting
USER REGISTRATION No.40 USER	(empty)	
USER REGISTRATION No.40 CODE	(empty)	
USER REGISTRATION No.40 STANDARD	MANUAL	
USER REGISTRATION No.40 STREAMING	MANUAL	
USER REGISTRATION No.40 Single/Multi	SINGLE	
USER REGISTRATION No.41 USER	(empty)	
USER REGISTRATION No.41 CODE	(empty)	
USER REGISTRATION No.41 STANDARD	MANUAL	
USER REGISTRATION No.41 STREAMING	MANUAL	
USER REGISTRATION No.41 Single/Multi	SINGLE	
USER REGISTRATION No.42 USER	(empty)	
USER REGISTRATION No.42 CODE	(empty)	
USER REGISTRATION No.42 STANDARD	MANUAL	
USER REGISTRATION No.42 STREAMING	MANUAL	
USER REGISTRATION No.42 Single/Multi	SINGLE	
USER REGISTRATION No.43 USER	(empty)	
USER REGISTRATION No.43 CODE	(empty)	
USER REGISTRATION No.43 STANDARD	MANUAL	
USER REGISTRATION No.43 STREAMING	MANUAL	
USER REGISTRATION No.43 Single/Multi	SINGLE	
USER REGISTRATION No.44 USER	(empty)	
USER REGISTRATION No.44 CODE	(empty)	
USER REGISTRATION No.44 STANDARD	MANUAL	
USER REGISTRATION No.44 STREAMING	MANUAL	
USER REGISTRATION No.44 Single/Multi	SINGLE	
USER REGISTRATION No.45 USER	(empty)	
USER REGISTRATION No.45 CODE	(empty)	
USER REGISTRATION No.45 STANDARD	MANUAL	
USER REGISTRATION No.45 STREAMING	MANUAL	
USER REGISTRATION No.45 Single/Multi	SINGLE	
USER REGISTRATION No.46 USER	(empty)	
USER REGISTRATION No.46 CODE	(empty)	
USER REGISTRATION No.46 STANDARD	MANUAL	
USER REGISTRATION No.46 STREAMING	MANUAL	
USER REGISTRATION No.46 Single/Multi	SINGLE	
USER REGISTRATION No.47 USER	(empty)	
USER REGISTRATION No.47 CODE	(empty)	
USER REGISTRATION No.47 STANDARD	MANUAL	
USER REGISTRATION No.47 STREAMING	MANUAL	
USER REGISTRATION No.47 Single/Multi	SINGLE	
USER REGISTRATION No.48 USER	(empty)	
USER REGISTRATION No.48 CODE	(empty)	
USER REGISTRATION No.48 STANDARD	MANUAL	
USER REGISTRATION No.48 STREAMING	MANUAL	
USER REGISTRATION No.48 Single/Multi	SINGLE	
USER REGISTRATION No.49 USER	(empty)	
USER REGISTRATION No.49 CODE	(empty)	
USER REGISTRATION No.49 STANDARD	MANUAL	
USER REGISTRATION No.49 STREAMING	MANUAL	
USER REGISTRATION No.49 Single/Multi	SINGLE	
USER REGISTRATION No.50 USER	(empty)	
USER REGISTRATION No.50 CODE	(empty)	
USER REGISTRATION No.50 STANDARD	MANUAL	
USER REGISTRATION No.50 STREAMING	MANUAL	
USER REGISTRATION No.50 Single/Multi	SINGLE	

Item	Default	Setting
Maximum connecting time of Handset port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of TEL1 port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of TEL2 port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of ISDN port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of STREAMING communication port (USB/Ethernet) (Auto DCN.)	0 (unlimited)	
Maximum Idle connecting time of STANDARD communication port (USB/Ethernet) (Auto DCN.)	OFF (unlimited)	

The latest FleetBroadband coverage map

The latest FleetBroadband coverage map is follows;



Inmarsat FB250 JUE-250 Software Version List (1/2)

Version No.	SYS Version	Maintenance No.		Modification
10	01.54	CM	5.0.8.0	(1)Supported MEAS (Middle East and Asia) satellite
			01.50	No change
		IB	01.39	(1)Supported MEAS (Middle East and Asia) satellite
			2.0	No change
		ADE	05.06	No change
9	01.31	CM	5.0.5.1	(1) Improved an issue in which TCP connection becomes impossible in rare case under special conditions
			01.50	No change
		IB	01.35	(1) Added Handset functions for incoming calls
			2.0	No change
		ADE	05.06	No change
8	01.29	CM	5.0.5.0	(1)Improved a stability of PS communication under heavy load
			01.50	No change
		IB	01.33	(1)Added one more IHSIGACQ retry command: up to 6 IHSIGACQ requests with 2sec interval
			2.0	No change
		ADE	05.06	(1)Improved a satellite tracking on GYRO mode
7	01.28	CM	5.0.4.4	(1)Improved satellite search failure caused after terminal shutdown failure (2)Supported Inmarsat Service Aware Charging and Control (SACC)
			01.50	No change
		IB	01.32	No change
			2.0	No change
		ADE	05.05	(1)Improved ADE cross EL unusual control failure
6	01.27	CM	5.0.4.3	(1)Improved unexpected Safe Mode start-up caused by following reasons: Reason1: Software update failure Reason2: Packet counter overflow (2)Improved the usability of JRC Launcher V2 in NAT router connected network. (3)Added "Packet Detection Activate" function.
			01.50	No change
			01.32	(1)Improved the usability of JRC Launcher V2 in NAT router connected network. (2)Added "Always Activate" function. (3)Added "Packet Detection Activate" function. (4)Changed default service type setting of TEL2 port to "Voice" from "FAX". (5)Changed the specification to keep Standard IP Connection at the time when re-satellite search is caused by blockage.
		IB	01.32	(1)Improved the usability of JRC Launcher V2 in NAT router connected network. (2)Added "Always Activate" function. (3)Added "Packet Detection Activate" function. (4)Changed default service type setting of TEL2 port to "Voice" from "FAX". (5)Changed the specification to keep Standard IP Connection at the time when re-satellite search is caused by blockage.
			2.0	No change
		ADE	05.03	No change
			05.03	No change
5	01.26	CM	5.0.4.1	(1)Added auto disconnection function for Standard IP connection. (2)Added packet filtering function. (3)Changed the Ring Back Tone timing for voice/fax originating call. (4)Added function to return the terminal settings to default settings by executing FLASH Clear.
			01.50	No change
			01.30	(1)Added Service Type "BOTH" for receiving both voice and fax call to the same TEL1/2 port. (2)Added function to disable a call from/to Handset, TEL1 or TEL2. (3)Added auto disconnection function for Standard IP connection. (4)Added APN Profile registration function. (5)Added packet filtering function. (6)Added function to disable or restrict PS communication to each user. (7)Added function to return the terminal settings to default settings by executing FLASH Clear.
			2.0	No change
		IB	01.30	(1)Added Service Type "BOTH" for receiving both voice and fax call to the same TEL1/2 port. (2)Added function to disable a call from/to Handset, TEL1 or TEL2. (3)Added auto disconnection function for Standard IP connection. (4)Added APN Profile registration function. (5)Added packet filtering function. (6)Added function to disable or restrict PS communication to each user. (7)Added function to return the terminal settings to default settings by executing FLASH Clear.
			05.03	(1)Fixed the communication failure caused by repeating the satellite search in the vicinity right under the satellite.
		ADE	05.03	(1)Fixed the communication failure caused by repeating the satellite search in the vicinity right under the satellite.
			05.03	(1)Fixed the communication failure caused by repeating the satellite search in the vicinity right under the satellite.
		IB	01.30	(1)Added Service Type "BOTH" for receiving both voice and fax call to the same TEL1/2 port. (2)Added function to disable a call from/to Handset, TEL1 or TEL2. (3)Added auto disconnection function for Standard IP connection. (4)Added APN Profile registration function. (5)Added packet filtering function. (6)Added function to disable or restrict PS communication to each user. (7)Added function to return the terminal settings to default settings by executing FLASH Clear.
			05.03	(1)Fixed the communication failure caused by repeating the satellite search in the vicinity right under the satellite.

Inmarsat FB250 JUE-250 Software Version List (2/2)

Version No.	SYS Version	Maintenance No.		Modification	
4	01.22	CM	5.0.3.7	(1)Added a function to control JRC Launcher V2.	
				(2)Fixed the issue of the temporary decrease of the PIN input limitation number.	
				(3)Fixed the undefined state reply of the AT command: AT+CGACT?	
		IB	BOOT	01.50	No change
			MAIN	01.26	(1)Added a function to control JRC Launcher V2. (2)Fixed the display issue on ISDN menu screen after the AUDIO MSN edit
		ADE	BOOT	2.0	No change
	MAIN	05.01	No change		
3	01.19	CM	5.0.3.6	(1)Improved the Narrow beam handover issue.	
				(2)Improved the packet communication failure which occurred under the VoIP system.	
				(3)Improved the filtering of the Traffic Flow Template function.	
				(4)Changed the default value of the DHCP lease timer which will allocate after the PS connection.	
				(5)Support for the change of IP address field to Class A or B private IP address.	
				(6)Support for the change of subnet mask field.	
				(7)Added the DHCP server setting in DHCP allocation range setting function.	
		IB	BOOT	01.50	No change
			MAIN	01.24	(1)Displays the satellite name: AMER, EMEA or APAC on the Handset LCD.
					(2)Added the new symbol on the Handset LCD to indicate out of service area for FAX.
					(3)Support for the change of IP address field to Class A or B private IP address.
		(4)Support for the change of subnet mask field.			
ADE	BOOT	2.0	No change		
	MAIN	05.01	No change		
2	01.16	CM	5.0.3.3	(1)Correction of satellite map management for satellite repositioning.	
				(2)Improved the satellite tracking problem that the receiving level is lost in particular area (180W-165W).	
				(3)Support for the USIM PIN function.	
				(4)Improved communications stability in case of blocage by shadowing.	
				(5)User-selectable enable or disable DHCP and configurable IP address.	
				(6)Reduce echo on voice phone call.	
		IB	BOOT	01.50	No change
			MAIN	01.22	(1)User-selectable enable or disable DHCP and configurable IP address.
					(2)Improved FAX communications stability.
					(3)Support for SMS reply function from handset.
		(4)Improved Phone Book function.			
		ADE	BOOT	2.0	No change
MAIN	05.01		(1)Improved the tracking algorithm under the low receiving level condition.		
1	01.04	CM	5.0.1.5	Initial release	
		IB	BOOT	01.50	Initial release
			MAIN	01.04	Initial release
		ADE	BOOT	2.0	Initial release
			MAIN	01.11	Initial release

JRC FB 500 terminal JUE-500 new software ver. 11.54 release

JRC has released new software version: SYS11.54 for Fleet Broadband JUE-500 mobile terminals. And we also released JRC Launcher V2 software version: V2.0.5.0. Please make sure to use new JRC Launcher V2.0.5.0 with new SYS11.54.

Changes from SYS11.44 to SYS11.54

Following item has been added:

Added item:

- Supported MEAS (Middle East and Asia) satellite
The latest FleetBroadband coverage map is written in page 27.

NOTE1: Requirement for SYS11.03 - SYS11.38 users after updating to SYS11.54.

Service type of TEL2 port will change to “Voice” setting after updating to SYS11.54.

Confirm and set service type of TEL2 port properly according to the connected equipment (telephone or facsimile) without fail.

NOTE2: Requirement for SYS11.03 - SYS11.34 user before updating to SYS11.54.

Write down and record all the settings defined in both Handset “SMS-Setting” and “ADMIN” menu before updating to SYS11.54 (Please use the setting list from page 19).

After updating to SYS11.54, restore the setting by referring to the settings recorded before the update.

Software updating procedure

Update JUE-500 software with following procedure a) to d).

* Do not connect any router or other equipment, only JUE-500 OIU is allowed to connect, between JUE-500 and a PC when updating JUE-500. Also, PC must be on the same network as JUE-500.

a). Confirm the connection

JUE-500 software updating is executed by a PC with dedicated application for PC.

Prepare a PC and connect it to your JUE-500. (For details, refer to “1. Confirm the connection”)

* Windows XP/Vista/7 OS is required.

b) Download the latest software for JUE-500

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 to “2. Downloading the latest software”)

c) Update JUE-500 software

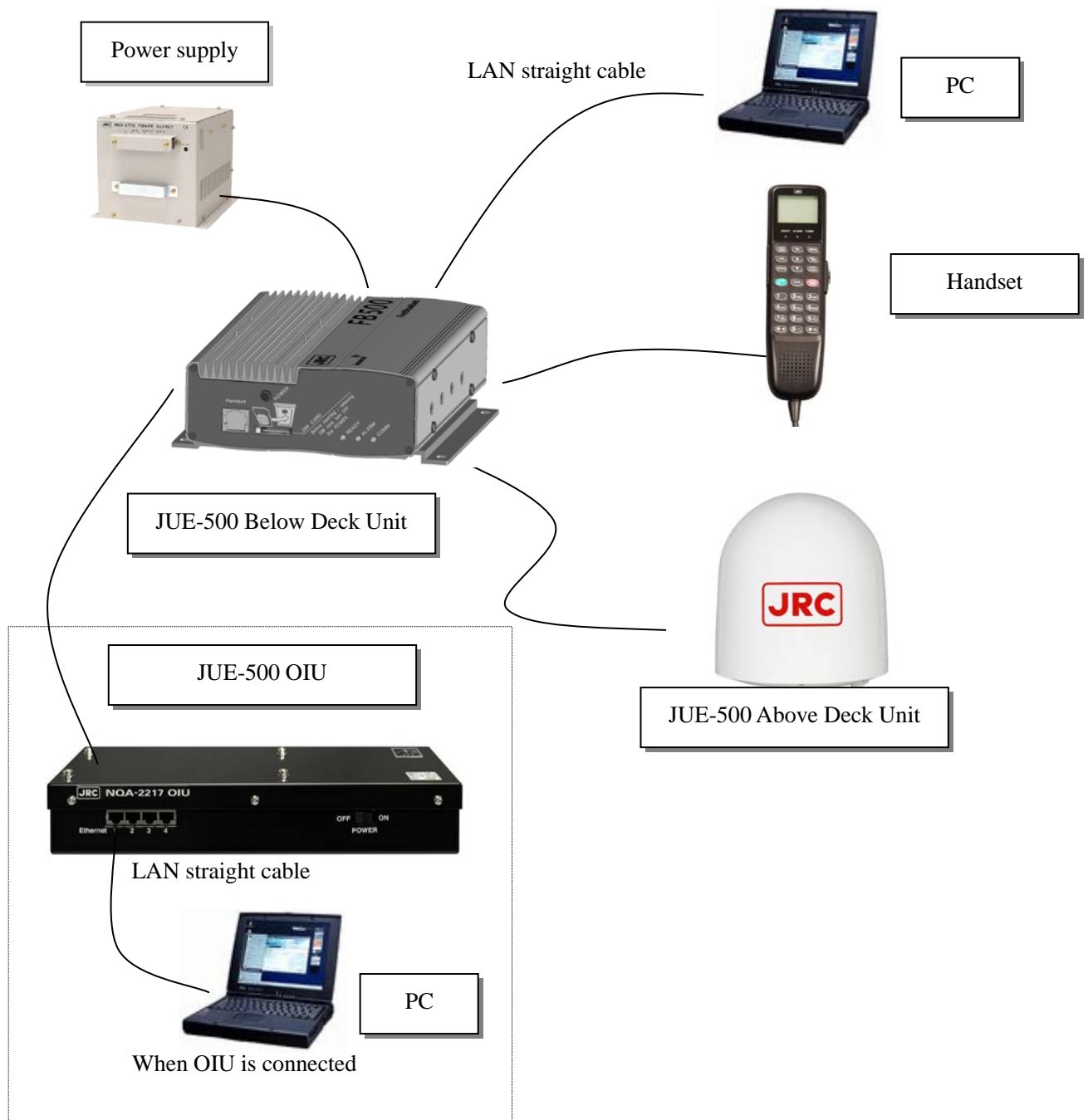
Update the JUE-500 software by the downloaded software. (For details, refer to “3. Update JUE-500 software”)

d) Confirm the updated software version

Confirm the software version after updating, to check that JUE-500 software is correctly updated or not. (For details, refer to “4. Confirm the update software version”)


1. Confirm the connection

1. Prepare a PC and connect it to Ethernet port of JUE-500, with LAN straight cable. When the OIU is connected to the BDE, connect LAN straight cable with the OIU's Ethernet port. * Do not connect any router or other equipment, only JUE-500 OIU is allowed to connect, between JUE-500 and a PC when updating JUE-500. Also, PC must be on the same network as JUE-500.

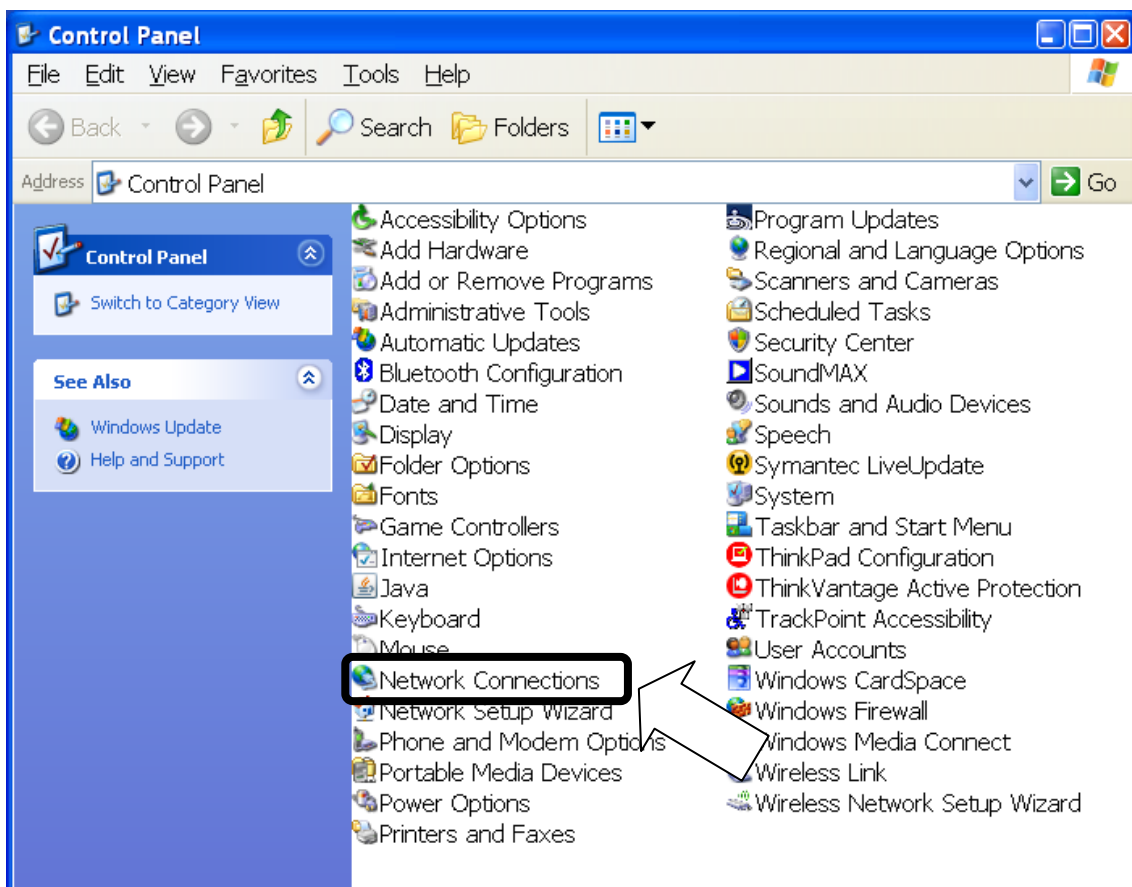


2. Set the LAN port IP address (being connected to Ethernet port of JUE-500) of your PC, to be on the same network as JUE-500 by the following procedure.

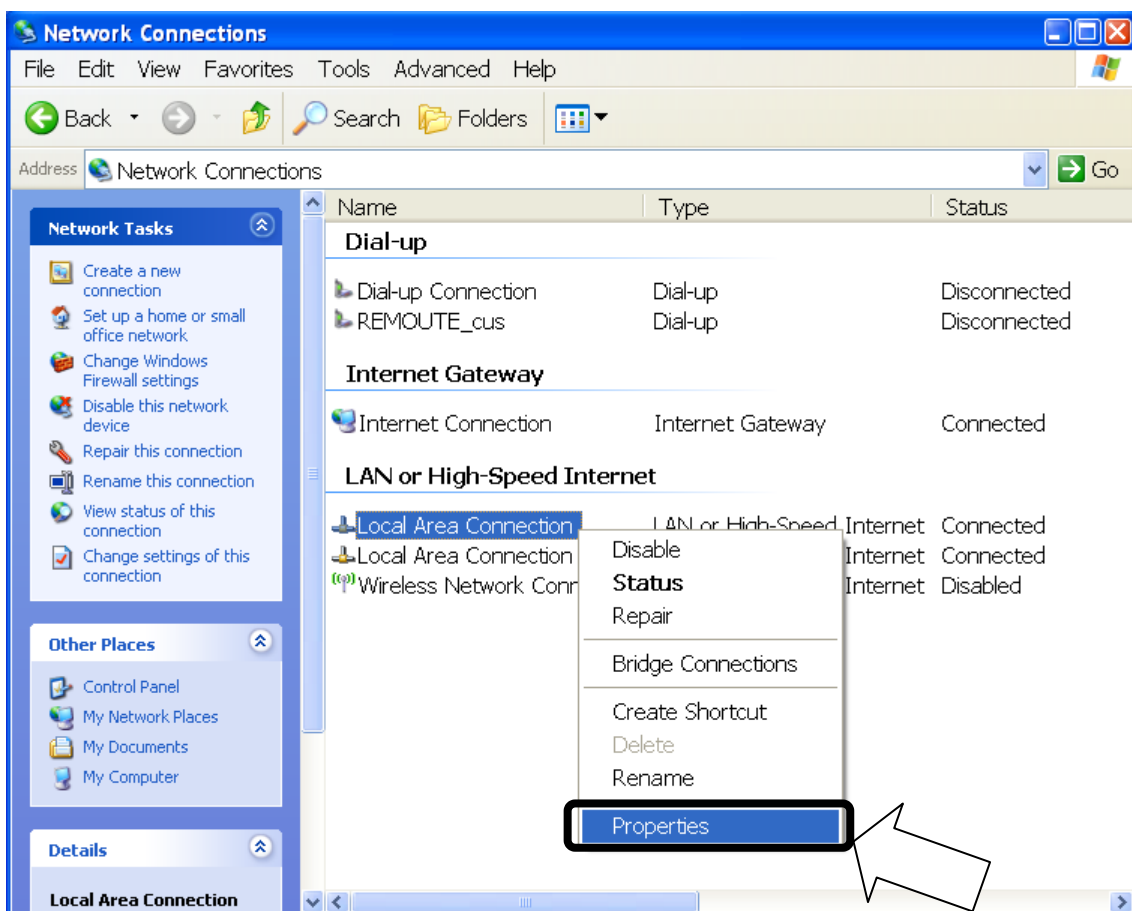
NOTE

- 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 (default value 0001) - <3> Port - <3> Ethernet - 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.

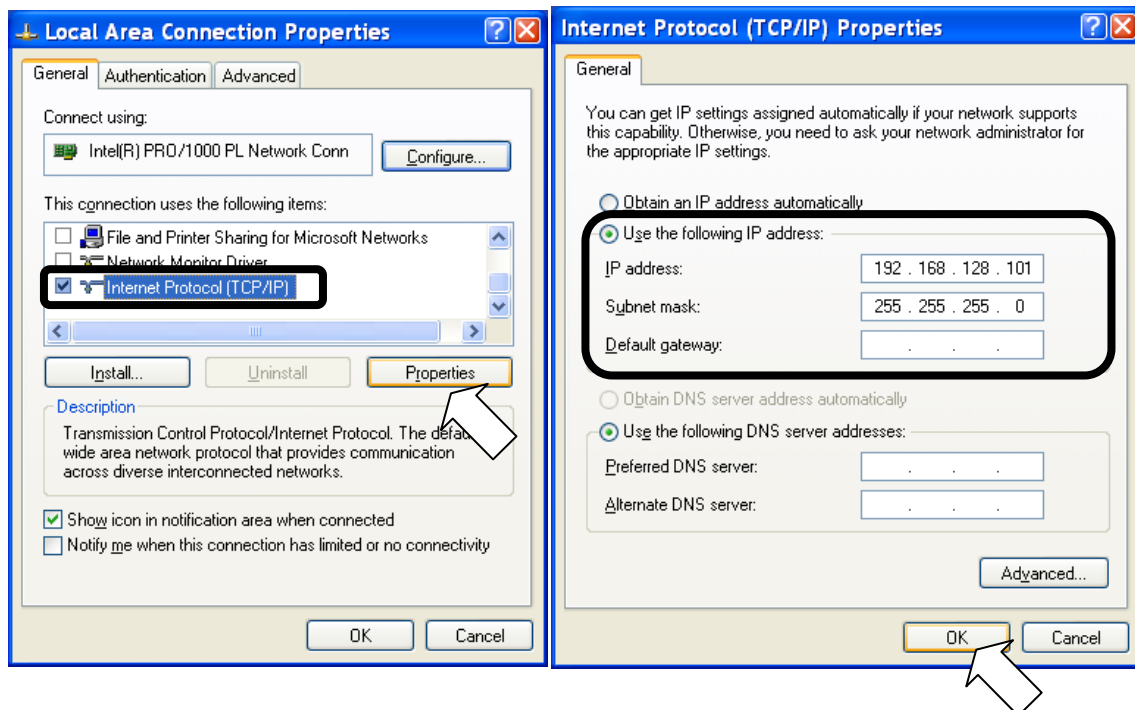
- i). Confirm BDE's IP address from the Handset.
 - BDE's DHCP setting can be referred at the Handset menu, <9> ADMIN - Input secret code (default value 0001) - <3> Port - <3> Ethernet.
- ii). Select [start]-[Control Panel].
 - [Control Panel] window is displayed.



- 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-500. 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. Downloading the latest software

The latest software of JUE-500 is uploaded on the HP of Inmarsat and JRC/Alphatron.

The URLs are as follows:

- Inmarsat
<https://www.inmarsat.com/support/fleetbroadband-firmware/>
- JRC/Alphatron Marine
<http://jrc.am/support/productcenter#jue-500>

If the software's version on the HP is larger than the JUE-500's software version, download the software from HP.

Software version of JUE-500 can be displayed on the Handset screen with following operation:

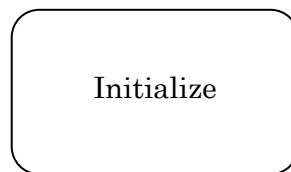
<1> Status - <5> Unit Info - <2> Mainte No.- SYS

3. Update JUE-500 software

Note

- Do not turn OFF the power supply of JUE-500 and/or PC during the software forwarding or updating
- Software forwarding or updating takes up to 25 minutes.

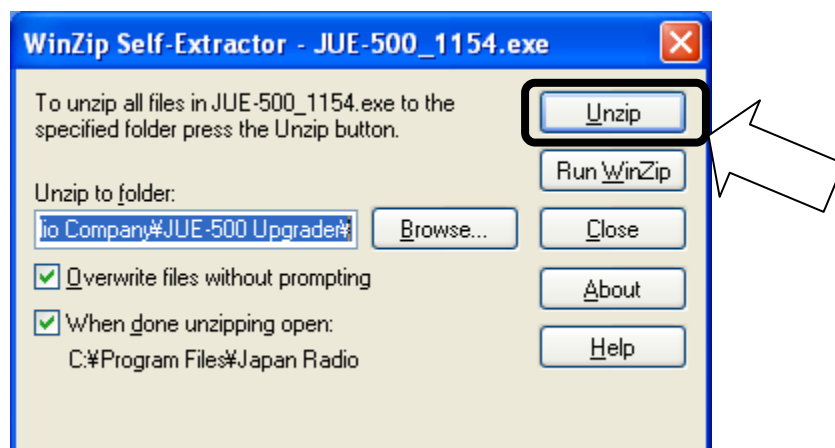
1. Activate your JUE-500 and confirm that initialization is completed.
* [Initialize] is displayed during initialization on the Handset screen.



2. Execute the downloaded software file [JUE-500_1xxx.exe]. Double click the icon.



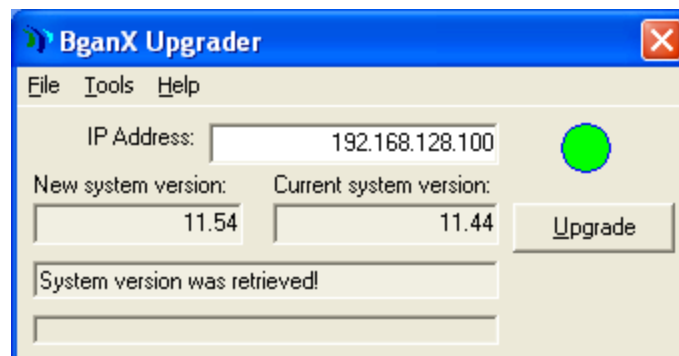
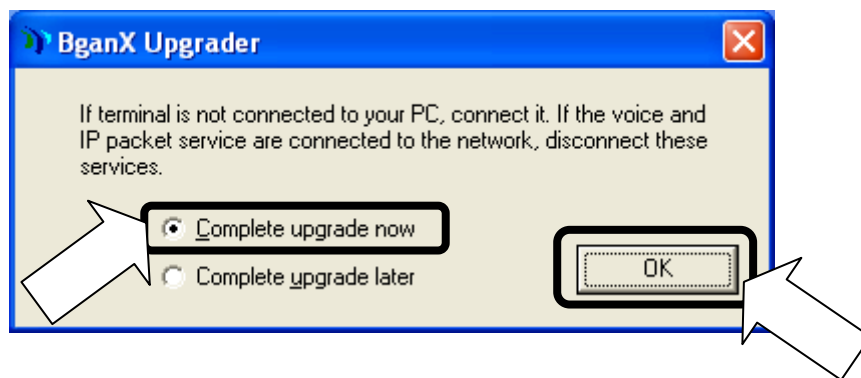
3. Following dialog box is displayed. Click [Unzip] button.
Default unzip folder is C:\Program Files\Japan Radio Company\JUE-500 Upgrader\.



4. Following dialog box is displayed. Click [OK] button.

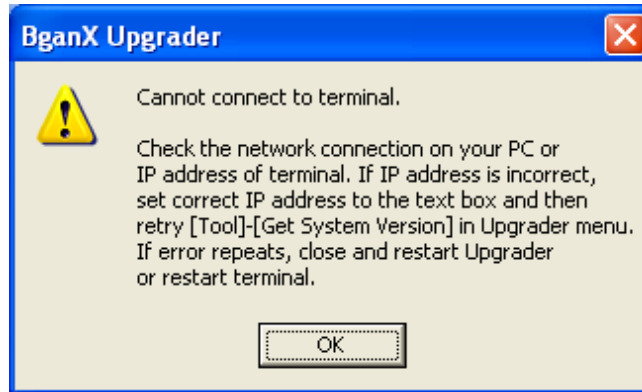


5. Select [Complete upgrade now] and click [OK] button. [BganX Upgrader] is activated.



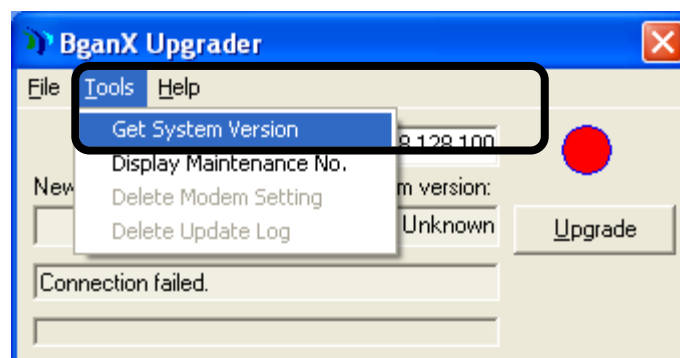
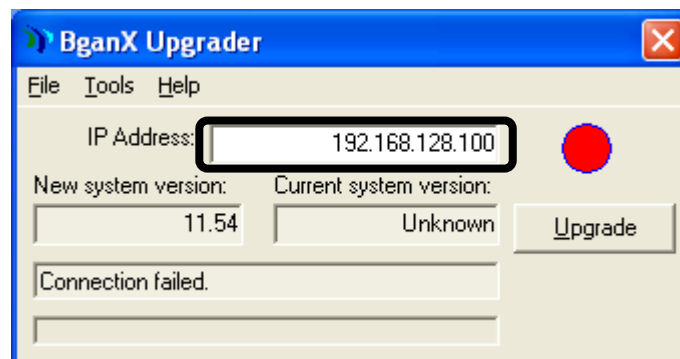
5.1. If the PC cannot connect with BDE

If your PC cannot connect with BDE, below screen is displayed.



In this case, assumable cause is changed BDE's IP address.

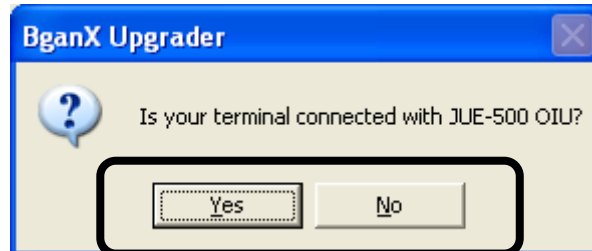
Set the current BDE's IP address into the textbox which displays below IP address, and then select [Tool] – [Get System Version] from Window's menu. Current BDE' IP address can be referred at the Handset menu, <9> ADMIN - Input secret code (default value 0001) - <3> Port - <3> Ethernet.



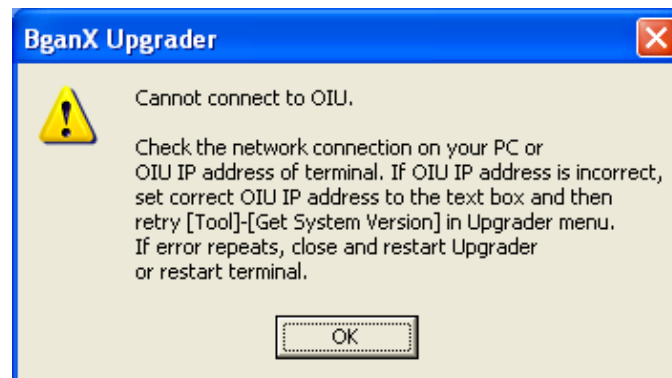
5.2. If the PC cannot connect with the OIU

If your PC cannot connected with the OIU, below screen is displayed.

Select [Yes] when the OIU is connected with BDE, and select [No] when the OIU is not connected with BDE.



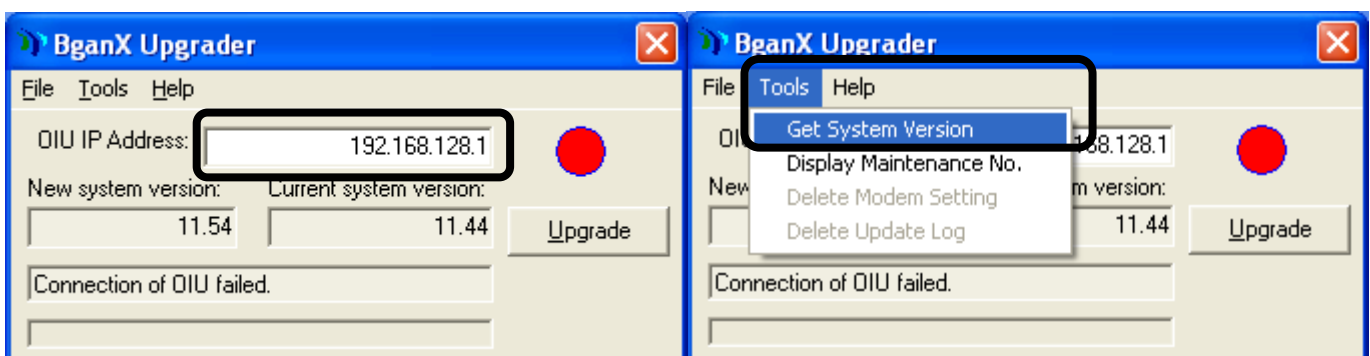
When [Yes] is selected, below screen is displayed.



In this case, assumable cause is changed the OIU's IP address.

Set the current the OIU's IP address into the textbox which displays below IP address, and then select [Tool] – [Get System Version] from Window's menu

Current OIU's IP address can be referred at the Handset menu, <9> ADMIN - Input secret code (default value 0001) - <7> Option - <6> IP



5.3. If the PC cannot still connect with BDE after the BDE IP confirmation

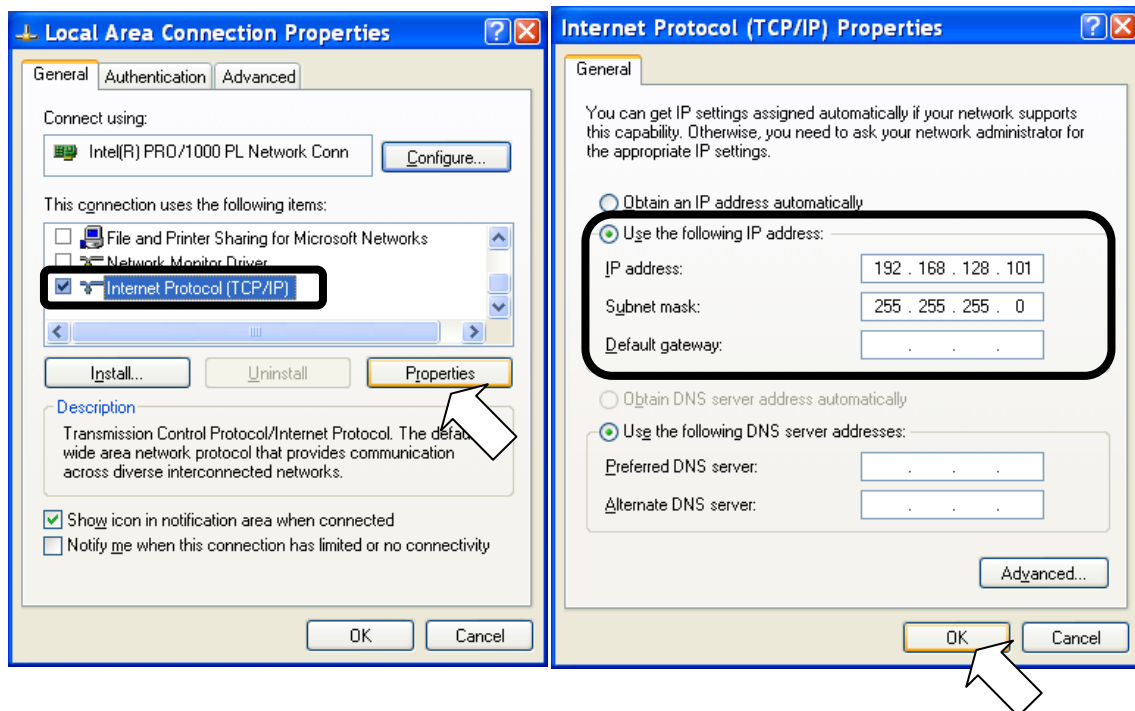
If your PC cannot connect with BDE after the BDE IP confirmation, below screen is displayed.



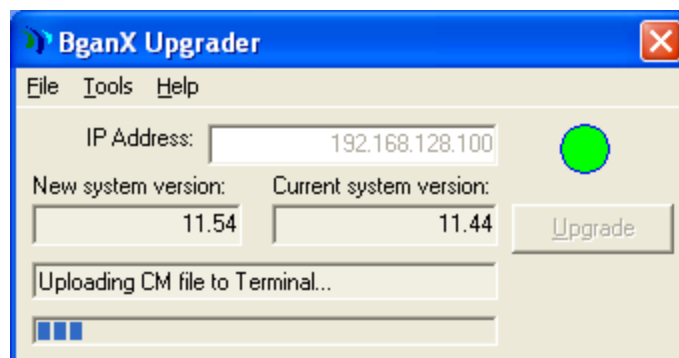
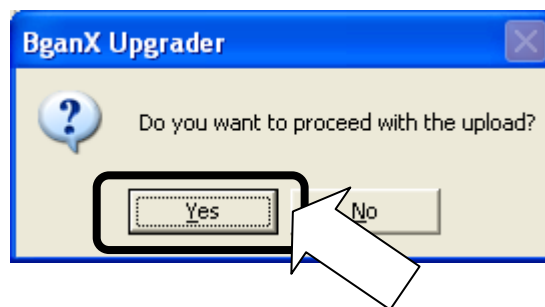
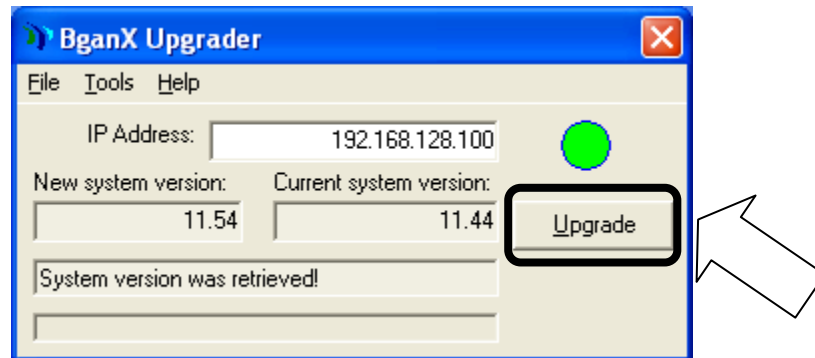
In this case, assumable cause is changed PC's IP address.

Confirm the PC's IP address is set to be on the same network as the BDE. Refer to "1. Confirm the connection" step (2) to confirm PC's IP address setting.

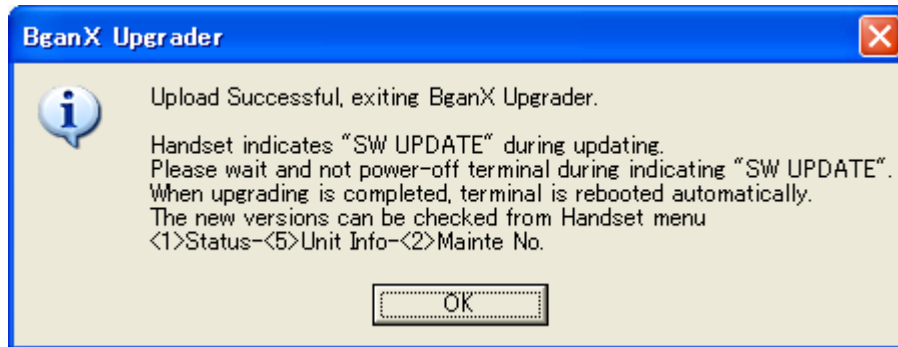
e.g. When the BDE's IP address is 192.168.128.100



6. [Upgrade] button turns to active when installation is ready. Click [Upgrade] button. After that, click [Yes] button in confirmation window. Forwarding of the file is started.



7. Following dialog box is displayed when file forwarding is completed. JUE-500 reboots automatically after several tens of seconds, and starts software updating.
Click [OK] button to close this dialog box.



8. [SW UPDATE] is displayed on the Handset screen during software updating.

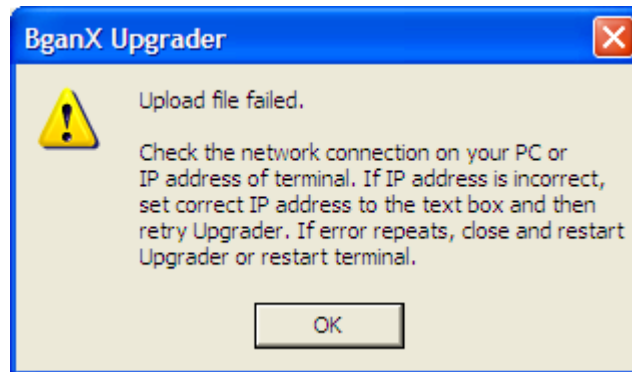


9. JUE-500 reboots when software updating is successfully completed.

9.1. When software update is failed

Update is failed when following phenomenon is generated.

- A) [Upload file failed] dialog box is displayed on the PC.



- B) [BDE Update Error] or [ADE Update Error] is displayed on the Handset screen.

BDE Update
Error X

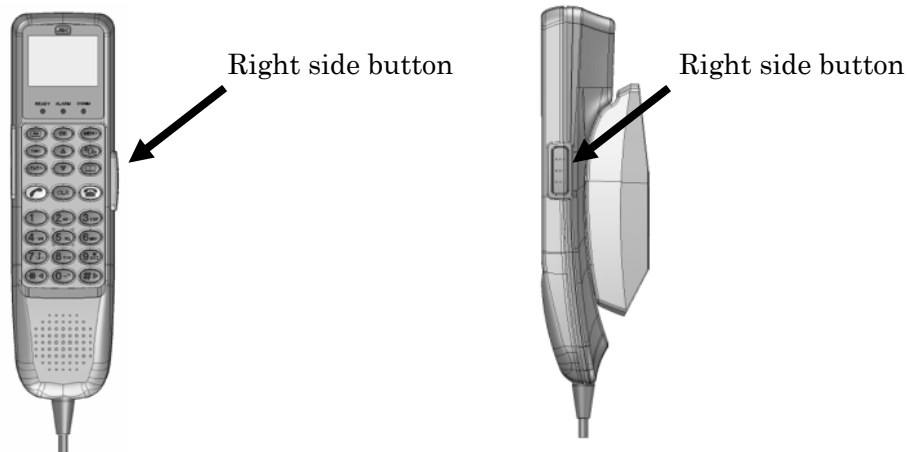
ADE Update
Error X

- C) Although the software is transferred and JUE-500 rebooted, updating is not completed even past 25 minutes or more since its start.

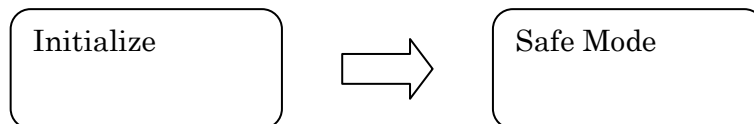
To improve above a) to c), update again with referring to [Recovery procedure when software update is failed] (next page).

9.2. Recovery procedure when software update is failed

- A) Turn OFF the power supply of JUE-500.
- B) Quit [JUE-500 Upgrader], if it is still activating.
- C) Turn ON the power supply of JUE-500 with pressing the right side button of the Handset.



- D) Leave your finger from PTT button when Ready LED of BDE starts to blink.
- E) Confirm the Handset screen transition, it displays [Initialize] and [Safe Mode].

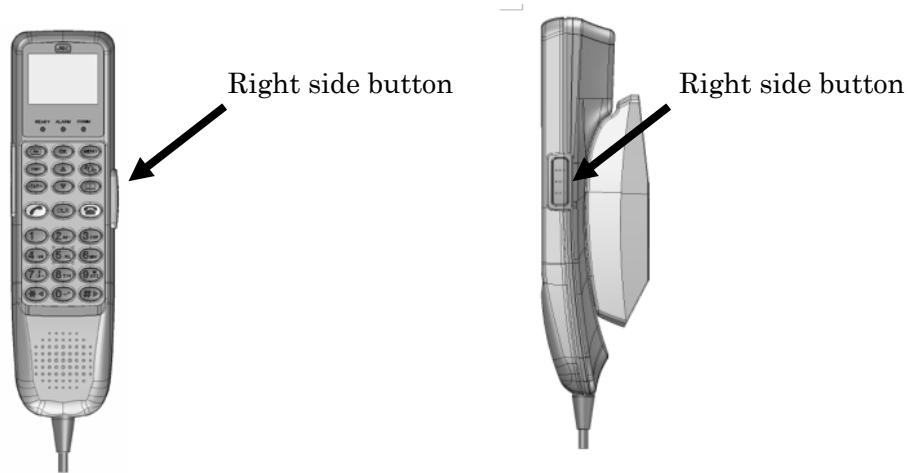


- F) Repeat from the 2nd procedure of [3 . Update JUE-500 software].

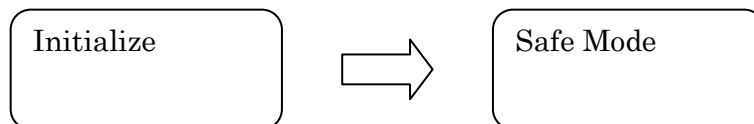
9.3. Software downgrading procedure

If you have any problems caused by upgrading, you can downgrade the software.

- A) Turn OFF the power supply of JUE-500.
- B) Quit [JUE-500 Upgrader], if it is still activating.
- C) Turn ON the power supply of JUE-500 with pressing the right side button of the Handset.



- D) Leave your finger from PTT button when Ready LED of BDE starts to blink.
- E) Confirm the Handset screen transition, it displays [Initialize] and [Safe Mode].



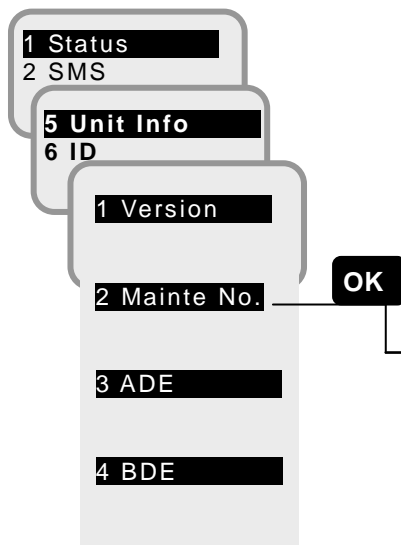
- F) Repeat from the 2nd procedure of [3 . Update JUE-500 software]. Use [JUE-500_1xxx.exe] in CD-ROM of JUE-500 to execute, instead of the downloaded file [JUE-500_1xxx.exe].

4. Confirm the updated software version

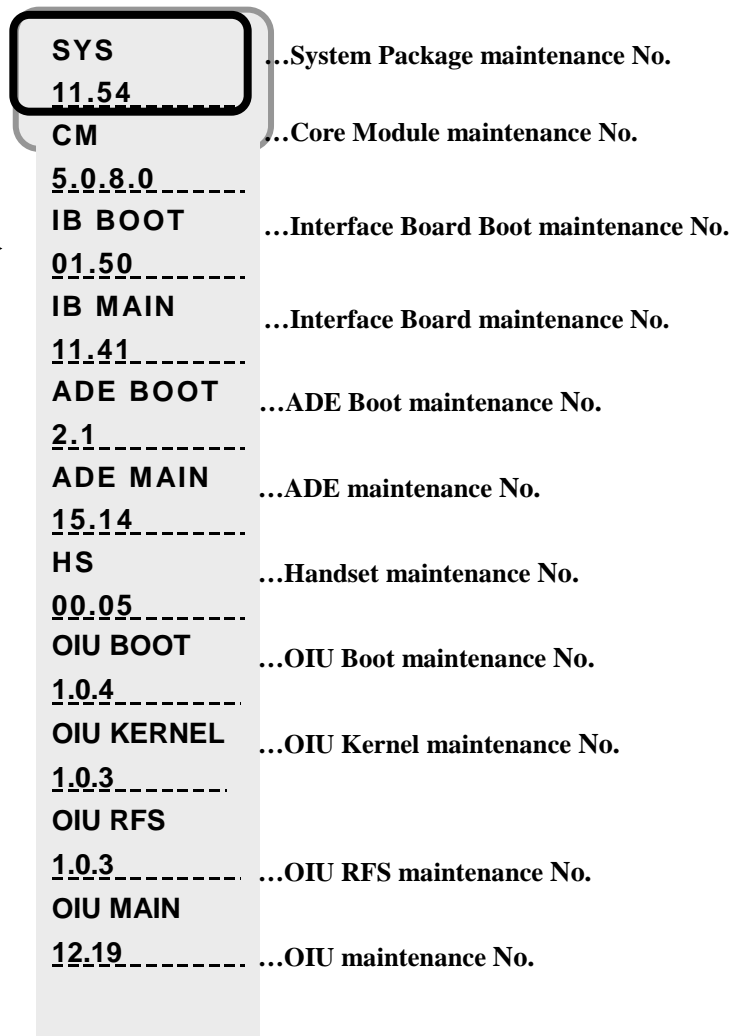
Check that the software version is correctly updated or not, from the following the Handset menu,
<1> Status - <5> Unit Info - <2> Mainte No. - SYS

When the update is succeeded, SYS No. is changed to the same number as the [1xxx] of the software file [JUE-500_1xxx.exe]

Unit Info menu screen



2. Mainte No. display screen



Setting List

Item	Default	Setting
SMS Service Center Address (SCA)	00870772001799	
SMS Validity	1 Day	
SMS Class	3	
SMS Send Status Report	OFF	
SMS Send Character Code	GSM7	
SMS Signature	OFF	
Delivery date	2007/01/01	
Time differences from UTC	+00:00	
Main unit LED ON/OFF	ON	
Selection of satellite tracking method	AUTO	
Use of Secret code for a call from Handset port	OFF	
Use of Secret code for a call from TEL1 port	OFF	
Use of Secret code for a call from TEL2 port	OFF	
Volume level of Handset port	NORMAL	
Volume level of TEL1 port	NORMAL	
Volume level of TEL2 port	NORMAL	
COMM TYPE of TEL1 port	VOICE	
COMM TYPE of TEL2 port	VOICE	
Call Request of Handset port	ON	
Call Request of TEL1 port	ON	
Call Request of TEL2 port	ON	
Call Reception of Handset port	ON	
Call Reception of TEL1 port	ON	
Call Reception of TEL2 port	ON	
Voice-MSN of ISDN	1	
Audio-MSN of ISDN	2	
UDI-MSN of ISDN	3	
RDI-MSN of ISDN	3	
Backlight dimmer of Handset	3	
Brightness of Handset LED lamps	3	
Ringer pattern of Handset	1	
Ringer volume of Handset	2	
Voice volume of Handset	2	
ON/OFF of key click sound of Handset	ON	
IP Address	192.168.128.100	
SUBNET MASK	255.255.255.0	
DHCP ON/OFF	ON (YES)	
Minimum allocation IP address for DHCP	192.168.128.101	
Total amount of allocatable IP address number	154	

Item		Default	Setting
USER REGISTRATION No.1	USER	ADMIN	
USER REGISTRATION No.1	CODE	0001	
USER REGISTRATION No.1	STANDARD	MANUAL	
USER REGISTRATION No.1	STREAMING	MANUAL	
USER REGISTRATION No.1	Single/Multi	SINGLE	
USER REGISTRATION No.2	USER	(empty)	
USER REGISTRATION No.2	CODE	(empty)	
USER REGISTRATION No.2	STANDARD	MANUAL	
USER REGISTRATION No.2	STREAMING	MANUAL	
USER REGISTRATION No.2	Single/Multi	SINGLE	
USER REGISTRATION No.3	USER	(empty)	
USER REGISTRATION No.3	CODE	(empty)	
USER REGISTRATION No.3	STANDARD	MANUAL	
USER REGISTRATION No.3	STREAMING	MANUAL	
USER REGISTRATION No.3	Single/Multi	SINGLE	
USER REGISTRATION No.4	USER	(empty)	
USER REGISTRATION No.4	CODE	(empty)	
USER REGISTRATION No.4	STANDARD	MANUAL	
USER REGISTRATION No.4	STREAMING	MANUAL	
USER REGISTRATION No.4	Single/Multi	SINGLE	
USER REGISTRATION No.5	USER	(empty)	
USER REGISTRATION No.5	CODE	(empty)	
USER REGISTRATION No.5	STANDARD	MANUAL	
USER REGISTRATION No.5	STREAMING	MANUAL	
USER REGISTRATION No.5	Single/Multi	SINGLE	
USER REGISTRATION No.6	USER	(empty)	
USER REGISTRATION No.6	CODE	(empty)	
USER REGISTRATION No.6	STANDARD	MANUAL	
USER REGISTRATION No.6	STREAMING	MANUAL	
USER REGISTRATION No.6	Single/Multi	SINGLE	
USER REGISTRATION No.7	USER	(empty)	
USER REGISTRATION No.7	CODE	(empty)	
USER REGISTRATION No.7	STANDARD	MANUAL	
USER REGISTRATION No.7	STREAMING	MANUAL	
USER REGISTRATION No.7	Single/Multi	SINGLE	
USER REGISTRATION No.8	USER	(empty)	
USER REGISTRATION No.8	CODE	(empty)	
USER REGISTRATION No.8	STANDARD	MANUAL	
USER REGISTRATION No.8	STREAMING	MANUAL	
USER REGISTRATION No.8	Single/Multi	SINGLE	
USER REGISTRATION No.9	USER	(empty)	
USER REGISTRATION No.9	CODE	(empty)	
USER REGISTRATION No.9	STANDARD	MANUAL	
USER REGISTRATION No.9	STREAMING	MANUAL	
USER REGISTRATION No.9	Single/Multi	SINGLE	

Item		Default	Setting
USER REGISTRATION No.10	USER	(empty)	
USER REGISTRATION No.10	CODE	(empty)	
USER REGISTRATION No.10	STANDARD	MANUAL	
USER REGISTRATION No.10	STREAMING	MANUAL	
USER REGISTRATION No.10	Single/Multi	SINGLE	
USER REGISTRATION No.11	USER	(empty)	
USER REGISTRATION No.11	CODE	(empty)	
USER REGISTRATION No.11	STANDARD	MANUAL	
USER REGISTRATION No.11	STREAMING	MANUAL	
USER REGISTRATION No.11	Single/Multi	SINGLE	
USER REGISTRATION No.12	USER	(empty)	
USER REGISTRATION No.12	CODE	(empty)	
USER REGISTRATION No.12	STANDARD	MANUAL	
USER REGISTRATION No.12	STREAMING	MANUAL	
USER REGISTRATION No.12	Single/Multi	SINGLE	
USER REGISTRATION No.13	USER	(empty)	
USER REGISTRATION No.13	CODE	(empty)	
USER REGISTRATION No.13	STANDARD	MANUAL	
USER REGISTRATION No.13	STREAMING	MANUAL	
USER REGISTRATION No.13	Single/Multi	SINGLE	
USER REGISTRATION No.14	USER	(empty)	
USER REGISTRATION No.14	CODE	(empty)	
USER REGISTRATION No.14	STANDARD	MANUAL	
USER REGISTRATION No.14	STREAMING	MANUAL	
USER REGISTRATION No.14	Single/Multi	SINGLE	
USER REGISTRATION No.15	USER	(empty)	
USER REGISTRATION No.15	CODE	(empty)	
USER REGISTRATION No.15	STANDARD	MANUAL	
USER REGISTRATION No.15	STREAMING	MANUAL	
USER REGISTRATION No.15	Single/Multi	SINGLE	
USER REGISTRATION No.16	USER	(empty)	
USER REGISTRATION No.16	CODE	(empty)	
USER REGISTRATION No.16	STANDARD	MANUAL	
USER REGISTRATION No.16	STREAMING	MANUAL	
USER REGISTRATION No.16	Single/Multi	SINGLE	
USER REGISTRATION No.17	USER	(empty)	
USER REGISTRATION No.17	CODE	(empty)	
USER REGISTRATION No.17	STANDARD	MANUAL	
USER REGISTRATION No.17	STREAMING	MANUAL	
USER REGISTRATION No.17	Single/Multi	SINGLE	
USER REGISTRATION No.18	USER	(empty)	
USER REGISTRATION No.18	CODE	(empty)	
USER REGISTRATION No.18	STANDARD	MANUAL	
USER REGISTRATION No.18	STREAMING	MANUAL	
USER REGISTRATION No.18	Single/Multi	SINGLE	
USER REGISTRATION No.19	USER	(empty)	
USER REGISTRATION No.19	CODE	(empty)	
USER REGISTRATION No.19	STANDARD	MANUAL	
USER REGISTRATION No.19	STREAMING	MANUAL	
USER REGISTRATION No.19	Single/Multi	SINGLE	

Item		Default	Setting
USER REGISTRATION No.20	USER	(empty)	
USER REGISTRATION No.20	CODE	(empty)	
USER REGISTRATION No.20	STANDARD	MANUAL	
USER REGISTRATION No.20	STREAMING	MANUAL	
USER REGISTRATION No.20	Single/Multi	SINGLE	
USER REGISTRATION No.21	USER	(empty)	
USER REGISTRATION No.21	CODE	(empty)	
USER REGISTRATION No.21	STANDARD	MANUAL	
USER REGISTRATION No.22	STREAMING	MANUAL	
USER REGISTRATION No.22	Single/Multi	SINGLE	
USER REGISTRATION No.22	USER	(empty)	
USER REGISTRATION No.22	CODE	(empty)	
USER REGISTRATION No.22	STANDARD	MANUAL	
USER REGISTRATION No.22	STREAMING	MANUAL	
USER REGISTRATION No.22	Single/Multi	SINGLE	
USER REGISTRATION No.23	USER	(empty)	
USER REGISTRATION No.23	CODE	(empty)	
USER REGISTRATION No.23	STANDARD	MANUAL	
USER REGISTRATION No.23	STREAMING	MANUAL	
USER REGISTRATION No.23	Single/Multi	SINGLE	
USER REGISTRATION No.21	USER	(empty)	
USER REGISTRATION No.24	CODE	(empty)	
USER REGISTRATION No.24	STANDARD	MANUAL	
USER REGISTRATION No.24	STREAMING	MANUAL	
USER REGISTRATION No.24	Single/Multi	SINGLE	
USER REGISTRATION No.25	USER	(empty)	
USER REGISTRATION No.25	CODE	(empty)	
USER REGISTRATION No.25	STANDARD	MANUAL	
USER REGISTRATION No.25	STREAMING	MANUAL	
USER REGISTRATION No.25	Single/Multi	SINGLE	
USER REGISTRATION No.26	USER	(empty)	
USER REGISTRATION No.26	CODE	(empty)	
USER REGISTRATION No.26	STANDARD	MANUAL	
USER REGISTRATION No.26	STREAMING	MANUAL	
USER REGISTRATION No.26	Single/Multi	SINGLE	
USER REGISTRATION No.27	USER	(empty)	
USER REGISTRATION No.27	CODE	(empty)	
USER REGISTRATION No.27	STANDARD	MANUAL	
USER REGISTRATION No.27	STREAMING	MANUAL	
USER REGISTRATION No.27	Single/Multi	SINGLE	
USER REGISTRATION No.28	USER	(empty)	
USER REGISTRATION No.28	CODE	(empty)	
USER REGISTRATION No.28	STANDARD	MANUAL	
USER REGISTRATION No.28	STREAMING	MANUAL	
USER REGISTRATION No.28	Single/Multi	SINGLE	
USER REGISTRATION No.29	USER	(empty)	
USER REGISTRATION No.29	CODE	(empty)	
USER REGISTRATION No.29	STANDARD	MANUAL	
USER REGISTRATION No.29	STREAMING	MANUAL	
USER REGISTRATION No.29	Single/Multi	SINGLE	

Item	Default	Setting
USER REGISTRATION No.30 USER	(empty)	
USER REGISTRATION No.30 CODE	(empty)	
USER REGISTRATION No.30 STANDARD	MANUAL	
USER REGISTRATION No.30 STREAMING	MANUAL	
USER REGISTRATION No.30 Single/Multi	SINGLE	
USER REGISTRATION No.31 USER	(empty)	
USER REGISTRATION No.31 CODE	(empty)	
USER REGISTRATION No.31 STANDARD	MANUAL	
USER REGISTRATION No.31 STREAMING	MANUAL	
USER REGISTRATION No.31 Single/Multi	SINGLE	
USER REGISTRATION No.32 USER	(empty)	
USER REGISTRATION No.32 CODE	(empty)	
USER REGISTRATION No.32 STANDARD	MANUAL	
USER REGISTRATION No.32 STREAMING	MANUAL	
USER REGISTRATION No.32 Single/Multi	SINGLE	
USER REGISTRATION No.33 USER	(empty)	
USER REGISTRATION No.33 CODE	(empty)	
USER REGISTRATION No.33 STANDARD	MANUAL	
USER REGISTRATION No.33 STREAMING	MANUAL	
USER REGISTRATION No.33 Single/Multi	SINGLE	
USER REGISTRATION No.34 USER	(empty)	
USER REGISTRATION No.34 CODE	(empty)	
USER REGISTRATION No.34 STANDARD	MANUAL	
USER REGISTRATION No.34 STREAMING	MANUAL	
USER REGISTRATION No.34 Single/Multi	SINGLE	
USER REGISTRATION No.35 USER	(empty)	
USER REGISTRATION No.35 CODE	(empty)	
USER REGISTRATION No.35 STANDARD	MANUAL	
USER REGISTRATION No.35 STREAMING	MANUAL	
USER REGISTRATION No.35 Single/Multi	SINGLE	
USER REGISTRATION No.36 USER	(empty)	
USER REGISTRATION No.36 CODE	(empty)	
USER REGISTRATION No.36 STANDARD	MANUAL	
USER REGISTRATION No.36 STREAMING	MANUAL	
USER REGISTRATION No.36 Single/Multi	SINGLE	
USER REGISTRATION No.37 USER	(empty)	
USER REGISTRATION No.37 CODE	(empty)	
USER REGISTRATION No.37 STANDARD	MANUAL	
USER REGISTRATION No.37 STREAMING	MANUAL	
USER REGISTRATION No.37 Single/Multi	SINGLE	
USER REGISTRATION No.38 USER	(empty)	
USER REGISTRATION No.38 CODE	(empty)	
USER REGISTRATION No.38 STANDARD	MANUAL	
USER REGISTRATION No.38 STREAMING	MANUAL	
USER REGISTRATION No.38 Single/Multi	SINGLE	
USER REGISTRATION No.39 USER	(empty)	
USER REGISTRATION No.39 CODE	(empty)	
USER REGISTRATION No.39 STANDARD	MANUAL	
USER REGISTRATION No.39 STREAMING	MANUAL	
USER REGISTRATION No.39 Single/Multi	SINGLE	

Item		Default	Setting
USER REGISTRATION No.40	USER	(empty)	
USER REGISTRATION No.40	CODE	(empty)	
USER REGISTRATION No.40	STANDARD	MANUAL	
USER REGISTRATION No.40	STREAMING	MANUAL	
USER REGISTRATION No.40	Single/Multi	SINGLE	
USER REGISTRATION No.41	USER	(empty)	
USER REGISTRATION No.41	CODE	(empty)	
USER REGISTRATION No.41	STANDARD	MANUAL	
USER REGISTRATION No.41	STREAMING	MANUAL	
USER REGISTRATION No.41	Single/Multi	SINGLE	
USER REGISTRATION No.42	USER	(empty)	
USER REGISTRATION No.42	CODE	(empty)	
USER REGISTRATION No.42	STANDARD	MANUAL	
USER REGISTRATION No.42	STREAMING	MANUAL	
USER REGISTRATION No.42	Single/Multi	SINGLE	
USER REGISTRATION No.43	USER	(empty)	
USER REGISTRATION No.43	CODE	(empty)	
USER REGISTRATION No.43	STANDARD	MANUAL	
USER REGISTRATION No.43	STREAMING	MANUAL	
USER REGISTRATION No.43	Single/Multi	SINGLE	
USER REGISTRATION No.44	USER	(empty)	
USER REGISTRATION No.44	CODE	(empty)	
USER REGISTRATION No.44	STANDARD	MANUAL	
USER REGISTRATION No.44	STREAMING	MANUAL	
USER REGISTRATION No.44	Single/Multi	SINGLE	
USER REGISTRATION No.45	USER	(empty)	
USER REGISTRATION No.45	CODE	(empty)	
USER REGISTRATION No.45	STANDARD	MANUAL	
USER REGISTRATION No.45	STREAMING	MANUAL	
USER REGISTRATION No.45	Single/Multi	SINGLE	
USER REGISTRATION No.46	USER	(empty)	
USER REGISTRATION No.46	CODE	(empty)	
USER REGISTRATION No.46	STANDARD	MANUAL	
USER REGISTRATION No.46	STREAMING	MANUAL	
USER REGISTRATION No.46	Single/Multi	SINGLE	
USER REGISTRATION No.47	USER	(empty)	
USER REGISTRATION No.47	CODE	(empty)	
USER REGISTRATION No.47	STANDARD	MANUAL	
USER REGISTRATION No.47	STREAMING	MANUAL	
USER REGISTRATION No.47	Single/Multi	SINGLE	
USER REGISTRATION No.48	USER	(empty)	
USER REGISTRATION No.48	CODE	(empty)	
USER REGISTRATION No.48	STANDARD	MANUAL	
USER REGISTRATION No.48	STREAMING	MANUAL	
USER REGISTRATION No.48	Single/Multi	SINGLE	
USER REGISTRATION No.49	USER	(empty)	
USER REGISTRATION No.49	CODE	(empty)	
USER REGISTRATION No.49	STANDARD	MANUAL	
USER REGISTRATION No.49	STREAMING	MANUAL	
USER REGISTRATION No.49	Single/Multi	SINGLE	
USER REGISTRATION No.50	USER	(empty)	
USER REGISTRATION No.50	CODE	(empty)	
USER REGISTRATION No.50	STANDARD	MANUAL	
USER REGISTRATION No.50	STREAMING	MANUAL	
USER REGISTRATION No.50	Single/Multi	SINGLE	

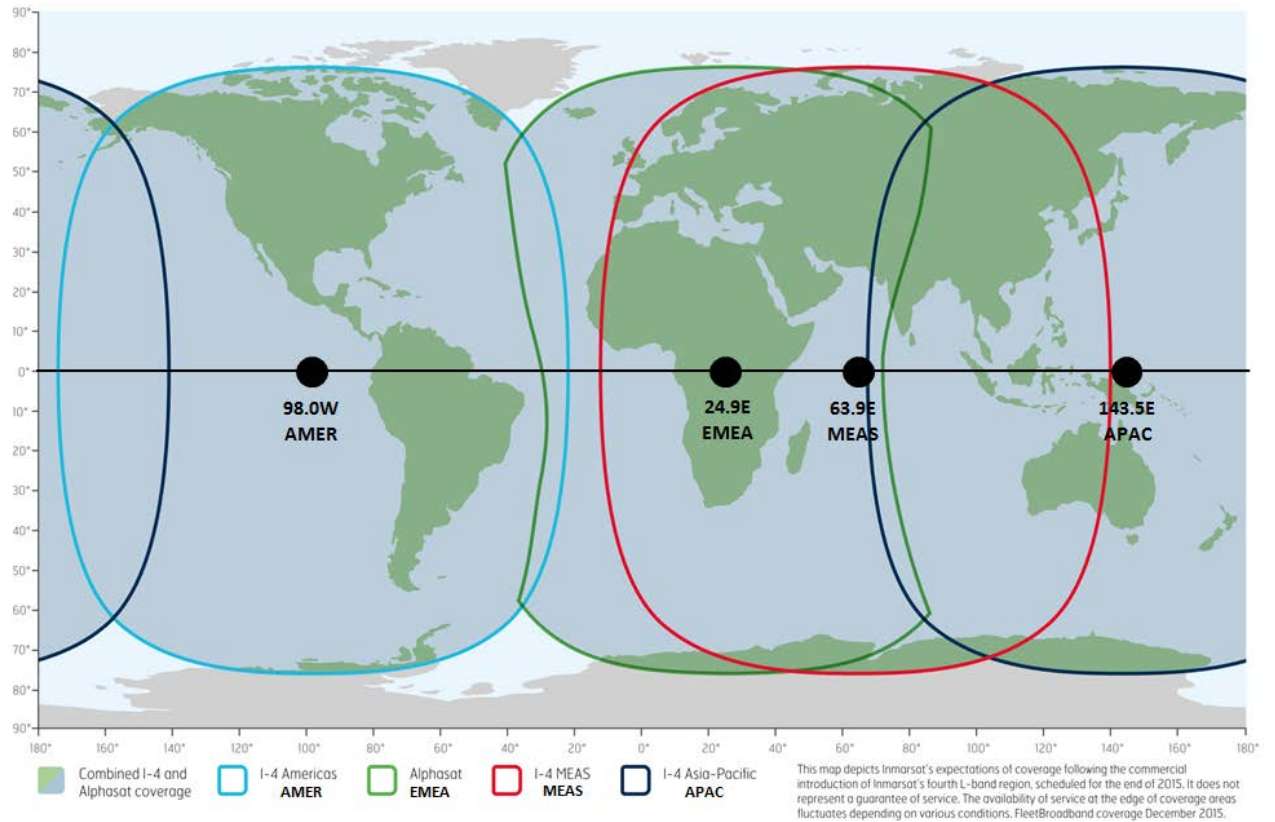
Item	Default	Setting
Maximum connecting time of Handset port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of TEL1 port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of TEL2 port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of ISDN port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of STREAMING communication port (USB/Ethernet) (Auto DCN.)	0 (unlimited)	
Maximum Idle connecting time of STANDARD communication port (USB/Ethernet) (Auto DCN.)	OFF (unlimited)	
Setting of SIM PIN	Depend on SIM	
PIN input operation ON/OFF	Depend on SIM	

When you are using OIU:

Item	Default	Setting
Use of Secret code for a call from TEL3 port	OFF	
Use of Secret code for a call from TEL4 port	OFF	
Use of Secret code for a call from TEL5 port	OFF	
Use of Secret code for a call from TEL6 port	OFF	
Volume level of TEL3 port	NORMAL	
Volume level of TEL4 port	NORMAL	
Volume level of TEL5 port	NORMAL	
Volume level of TEL6 port	NORMAL	
COMM TYPE of TEL3 port	VOICE	
COMM TYPE of TEL4 port	VOICE	
COMM TYPE of TEL5 port	VOICE	
COMM TYPE of TEL6 port	VOICE	
Call Request of TEL3 port	ON	
Call Request of TEL4 port	ON	
Call Request of TEL5 port	ON	
Call Request of TEL6 port	ON	
Call Reception of TEL3 port	ON	
Call Reception of TEL4 port	ON	
Call Reception of TEL5 port	ON	
Call Reception of TEL6 port	ON	
Maximum connecting time of TEL3 port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of TEL4 port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of TEL5 port (Auto DCN.)	0 (unlimited)	
Maximum connecting time of TEL6 port (Auto DCN.)	0 (unlimited)	
Voice setting of Buzzer1 port	ON	
Voice setting of Buzzer2 port	ON	
Voice setting of Buzzer3 port	ON	
Voice setting of Buzzer4 port	ON	
Audio setting of Buzzer1 port	ON	
Audio setting of Buzzer2 port	ON	
Audio setting of Buzzer3 port	ON	
Audio setting of Buzzer4 port	ON	
UDI setting of Buzzer1 port	ON	
UDI setting of Buzzer2 port	ON	
UDI setting of Buzzer3 port	ON	
UDI setting of Buzzer4 port	ON	
RDI setting of Buzzer1 port	ON	
RDI setting of Buzzer2 port	ON	
RDI setting of Buzzer3 port	ON	
RDI setting of Buzzer4 port	ON	
ExtGPS	OFF	
Diagnostic	OFF	
OIU IP	192168128001	
OIU SUBNET MASK	2552552550	

The latest FleetBroadband coverage map

The latest FleetBroadband coverage map is follows;



Inmarsat FB500 JUE-500 Software Version List (1/3)

No.	SYS Ver.	Maintenance No.		Modification
11	11.54	CM	5.0.8.0	(1)Supported MEAS (Middle East and Asia) satellite
		IB	BOOT 01.50	No change
			MAIN 11.41	(1)Supported MEAS (Middle East and Asia) satellite
		ADE	BOOT 2.1	No change
			MAIN 15.14	(1)Supported MEAS (Middle East and Asia) satellite
		OIU	BOOT 1.0.4/1.0.5	No change
			KERNEL 1.0.3	No change
			RFS 1.0.3	No change
			MAIN 12.19	(1)Supported MEAS (Middle East and Asia) satellite
10	11.44	CM	5.0.5.1	(1) Improved an issue in which TCP connection becomes impossible in rare case under special conditions
		IB	BOOT 01.50	No change
			MAIN 11.37	(1) Added Handset functions for incoming calls
		ADE	BOOT 2.1	No change
			MAIN 15.12	No change
		OIU	BOOT 1.0.4/1.0.5	No change
			KERNEL 1.0.3	No change
			RFS 1.0.3	No change
			MAIN 12.17	No change

Inmarsat FB500 JUE-500 Software Version List (2/3)

No.	SYS Ver.	Maintenance No.		Modification		
9	11.42	CM		5.0.5.0 (1)Improved a stability of PS communication under heavy load		
		IB	BOOT	01.50 No change		
			MAIN	11.35 (1)Added one more IHSIGACQ retry command: up to 6 IHSIGACQ requests with 2sec interval		
		ADE	BOOT	2.1 No change		
			MAIN	15.12 No change		
		OIU	BOOT	1.0.4/1.0.5 No change		
			KERNEL	1.0.3 No change		
			RFS	1.0.3 No change		
			MAIN	12.17 No change		
		8	11.41	CM		5.0.4.4 (1)Improved satellite search failure caused after terminal shutdown failure (2)Supported Inmarsat Service Aware Charging and Control (SACC)
IB	BOOT			01.50 No change		
	MAIN			11.33 No change		
ADE	BOOT			2.1 No change		
	MAIN			15.12 No change		
OIU	BOOT			1.0.4/1.0.5 (1)Supported to use new flash: JS28F128J3F75		
	KERNEL			1.0.3 No change		
	RFS			1.0.3 No change		
	MAIN			12.17 No change		
7	11.40			CM		5.0.4.3 (1)Improved the usability of JRC Launcher V2 in NAT router connected network. (2)Added "Packet Detection Activate" function.
		IB	BOOT	01.50 No change		
			MAIN	11.33 (1)Improved the usability of JRC Launcher V2 in NAT router connected network. (2)Added "Always Activate" function. (3)Added "Packet Detection Activate" function. (4)Changed default service type setting of TEL2 port to "Voice" from "FAX". (5)Changed the specification to keep Standard IP Connection at the time when re-satellite search is caused by blockage.		
				ADE	BOOT	2.1 No change
					MAIN	15.12 No change
		OIU	BOOT	1.0.4 No change		
			KERNEL	1.0.3 No change		
			RFS	1.0.3 No change		
			MAIN	12.17 (1)Added "Always Activate" function interface in "NETWORK" menu. (2)Added "Packet Detection Activate" function interface in "NETWORK" menu. (3)Changed Export/Import data format according to the new function.		
		6	11.38	CM		5.0.4.2 (1)Improved unexpected Safe Mode start-up caused by internal packet counter value overflow. (2)Added auto disconnection function for Standard IP connection. (3)Added packet filtering function. (4)Changed the Ring Back Tone timing for voice/fax originating call. (5)Added function to return the terminal settings to default settings by executing FLASH Clear.
IB	BOOT			01.50 No change		
	MAIN			11.32 (1)Improved the GPS alarm detection issue after repeating "SAT SEARCH" and "REGISTERING" by using defective transmission unit or non activated SIM. (2)Added Service Type "BOTH" for receiving both voice and fax call to the same TEL port. (3)Added auto disconnection function for Standard IP connection. (4)Added APN Profile registration function. (5)Added packet filtering function. (6)Added function to disable or restrict PS communication to each user. (7)Added function to return the terminal settings to default settings by executing FLASH Clear.		
				ADE	BOOT	2.0 No change
					MAIN	15.12 No change
OIU	BOOT			1.0.4 No change		
	KERNEL			1.0.3 No change		
	RFS			1.0.3 No change		
	MAIN			12.14 (1)Improved the communication failure between shore PC and ships equipment connected via OIU LAN port(e.g. BDE, VDR) when using OIU's Remote Access Server(RAS) by 64K-UDI(ISDN). (2)Added Service Type "BOTH" for receiving both voice and fax call to the same TEL port. (3)Added auto disconnection function for Standard IP connection. (4)Added APN Profile registration function. (5)Added packet filtering function. (6)Added function to disable or restrict PS communication to each user. (7)Added function to return the terminal settings to default settings by executing FLASH Clear.		

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No.	SYS Ver.	Maintenance No.			Modification		
5	11.34	CM		5.0.3.7	No change		
		IB	BOOT	01.50	No change		
			MAIN	11.28	No change		
		ADE	BOOT	2.1	No change		
			MAIN	15.12	Improved the communication failure caused by repeating the satellite search in the vicinity right under the satellite (elevation 85 degrees or more).This trouble doesn't occur when GYRO is		
		OIU	BOOT	1.0.4	No change		
			KERNEL	1.0.3	No change		
			RFS	1.0.3	No change		
			MAIN	12.10	No change		
4	11.33	CM		5.0.3.7	(1)Addition of the control function for JRC Launcher V2 (2)Improve of temporary decrease display in the PIN input limitation number (3)Improve the undefined state reply of AT+CGACT?		
		IB	BOOT	01.50	No change		
			MAIN	11.28	(1)Addition of the control function for JRC Launcher V2 (2)Improved the occasional irregular reboot		
		ADE	BOOT	2.1	No change		
			MAIN	15.11	No change		
		OIU	BOOT	1.0.4	No change		
			KERNEL	1.0.3	No change		
			RFS	1.0.3	No change		
			MAIN	12.10	(1)Improved the APN readout issue in OIU Web (2)Improved the Packet Connection/SMS operating issue in OIU Web (3)Improved the mismatch of the default value of VDR settings (4)Improved to clear the call log correctly (5)Changed the ROUTE TABLE manner of operation		
		3	11.30	CM		5.0.3.6	(1)Improved the Narrow beam handover issue. (2)Improved the packet communication failure which occurred under the VoIP system. (3)Improved the filtering of the Traffic Flow Template function. (4)Changed the default value of the DHCP lease timer which will allocate after the PS connection. (5)Support for the change of IP address field to Class A or B private IP address. (6)Support for the change of subnet mask field. (7)Added the DHCP server setting in DHCP allocation range setting function.
IB	BOOT			01.50	No change		
	MAIN			11.26	(1)Displays the satellite name: AMER, EMEA or APAC on the Handset LCD. (2)Support for the change of IP address field to Class A or B private IP address. (3)Support for the change of subnet mask field. (4)Added the DHCP server setting in DHCP allocation range setting function. (5)Added QoS: 8K and 16K in the call log screen for the 8kbps and 16kbps Streaming connection.		
ADE	BOOT			2.1	No change		
	MAIN			15.11	(1)Improved the ADE control error detection occurred in GYRO mode.		
OIU	BOOT			1.0.4	No change		
	KERNEL			1.0.3	No change		
	RFS			1.0.3	No change		
	MAIN			12.08	(1)Support the sort of the call log on the OIU WEB. (2)Added the display of QoS and OIU WEB pull down mane for the 8kbps and 16kbps Streaming connection. (3)Changed the VDR IP address setting from 192.168.60.3 (JRC LAN) to 192.168.128.254 (User LAN), which is for the output of JUE-500 Alarms for the VDR via LAN.		
2	11.27			CM		5.0.3.3	(1)Correction of satellite map management for satellite repositioning. (2)Improved the satellite tracking problem that the receiving level is lost in particular area (180W- (3)Support for the USIM PIN function. (4)Improved communications stability in case of blocage by shadowing. (5>User-selectable enable or disable DHCP and configurable IP address. (6)Reduce echo on voice phone call.
				IB	BOOT	01.50	No change
					MAIN	11.23	(1)Improved FAX communications stability.
				ADE	BOOT	2.1	No change
					MAIN	15.10	(1)Improved the issue of EIRP display
				OIU	BOOT	1.0.4	Initial release
		KERNEL	1.0.3		Initial release		
		RFS	1.0.3		Initial release		
		MAIN	12.06		Initial release		
		1	11.03	CM		5.0.2.8	Initial release
IB	BOOT			01.50	Initial release		
	MAIN			11.06	Initial release		
ADE	BOOT			2.1	Initial release		
	MAIN			15.08	Initial release		