

505

for FleetBroadband

In an emergency
call 505. You will
be connected to a
Maritime Rescue
Coordination Centre

inmarsat 

wideye™

liberating communications

QUICK START USER GUIDE REV 1.1



SKIPPERS™ 150

Part Number: 74800117100

 **Remote Satellite Systems**
INTERNATIONAL

inmarsat 

Quick Start User Guide for SKIPPER™ 150

1



Getting SKIPPER™ 150 Ready for Operation

- 1.1 Connect the cables and accessories as shown in Section 8.
- 1.2 Insert the FleetBroadband SIM card, with the gold printed circuit facing up, and switch on the SKIPPER™ 150 terminal.
- 1.3 Wait for all LED lights to turn green as shown in Section 7, about 1.5 to 3 min.

2

Making a Voice Call

2.1 Using Primary Handset

- 2.1.1 Dial the calling party number in the following format: <00><Country Code><Telephone Number>.  Disconnect the call by pressing the  key.


2.2 Using Corded Analog Telephone (POTS)

- 2.2.1 Lift the handset from the cradle or press off-hook button to listen for the dial-tone before dialing and dial the calling party number in the following format: <00><Country Code> <Telephone Number><#>. Hang-up to disconnect.



3

Connect/Disconnect Data Session with Handset

3.1 Activating a Data Session

An active Data Session is indicated by the  icon on the Primary Handset LCD display. If the SKIPPER™ 150 is not set to initiate a Data Session automatically when powered on, follow the instructions below:

- 3.1.1 From the Primary Handset's LCD display, select **Menu** then use the appropriate navigation buttons surrounding the center **OK (ENTER)** button to select **Data>** (left arrow then Select) **Status>** (Select) **Options>** (Select) **Activate Primary>** (Select) **Standard**.

- 3.1.2 When prompted with the message, “This profile is charged by volume. Activate?”, press <YES>.
- 3.1.3 Wait for about 30 to 40 seconds for the Data Session to be activated. The computer icon at the top of each Web Console page will turn from grey  to orange , indicating an active Data Session.
- 3.1.4 You may now browse the Internet, transfer email, file transfer (FTP) or run any IP based applications services


3.2 Disconnecting an Active Data Session

- 3.2.1 From the Primary Handset’s LCD display, select **Menu** then use the appropriate navigation buttons surrounding the center **OK (ENTER)** button to select **Data>** (Select) **Status>** (Select) **Options>** (Select) **Deactivate**
- 3.2.2 When prompted with the message, “Deactivate this profile?”, press <YES>.

4

Activating SKIPPER™ 150 Web Console

- 4.1 Connect the RJ45 Ethernet Cable from the SKIPPER™ 150 terminal to the PC as shown in section 8.
- 4.2 Open the web browser (for example: Internet Explorer) and type <http://192.168.1.35> in the Address field.
- 4.3 Username and Password will be prompted. The default Username is **admin** and Password is **wideye**. Click “Login” after entering the Username and Password.

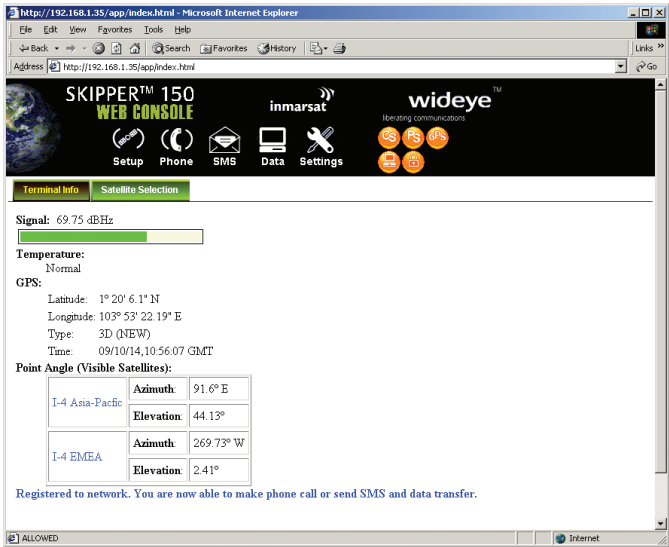


Username:

Password:

- 4.4 The SKIPPER™ 150 Web Console will open. The Terminal will proceed automatically to “Checking PIN status” followed by

“Antenna pointing” and then registering to the network (upon power on).



4.5 Upon successful registration, with all four BDU LEDs green, the Terminal will be ready for normal operation.

5 Sending an SMS

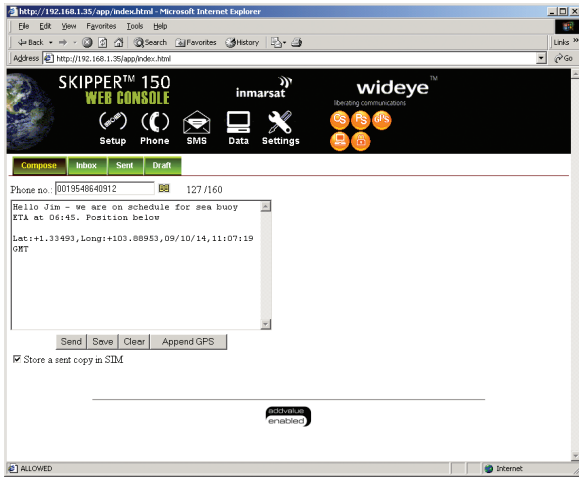
5.1 Using Primary Handset

5.1.1 From the handset’s LCD display, select **Menu** then use the appropriate navigation buttons surrounding the center **OK (ENTER)** button to select **Messaging>** (the default selection) **New Message**.

5.1.2 Enter any alphanumeric text using the keypad; select **Send** and when prompted, enter the destination mobile number in the following format: **<00><Country Code><Telephone Number>** and select **OK**.

5.2 Using Web Console

5.2.1 On the Web Console, click on  . Type the text message to be sent and then enter the destination mobile phone number in the following format: **<00><Country Code><Telephone Number>**.



5.2.2 Click on **Append GPS** is GPS location appended to the SMS message is desired.

5.2.3 Click on **Send** to send the text message.

6 Activating/Deactivating a Data Session with the WebConsole

6.1 Activating a Data Session

6.1.1 On the Web Console, click on . On the Data menu, select **Connection**



No connection exists



6.1.2 Click on **Activate Default Profile**. This will activate a standard Data Session.

6.1.3 After about 30 to 40 seconds, the data connection will be activated with a notification of the public IP address assigned to the active data connection.



bgan.inmarsat.com - 161.30.180.190 [Disconnect](#) (Standard)

6.1.4 You may now browse the Internet, do file transfer (FTP) or run any IP based applications services

6.2 Disconnecting an Active Data Session

6.2.1 Click on **Disconnect** ([Disconnect](#) (Standard)) to disconnect the active data connection.

7

LEDs

LED Name	Status	Meaning
TERMINAL	Steady Amber	BDU is powering up
	Steady Green	BDU has powered up successfully.
	Steady Red	BDU detects failure.
	Blinking Amber	Switching OFF BDU
ANTENNA	Steady Amber	ADU is powering up.
	Steady Red	ADU is not OK/Error
	Blinking Amber	ADU is calibrating.
	Blinking Green	System performs satellite search
	Steady Green	ADU has locked on to the satellite
REGISTERED	Steady Amber	Attempting network registration
	Steady Red	Network failure/Error
	Blinking Amber	Ready for voice only
	Blinking Green	Ready for packet data only
	Steady Green	Ready for all (Voice and Data)
GPS	Steady Amber	Acquiring GPS (using stored/old GPS)
	Steady Green	Using new GPS fix
	Steady Red	No GPS Response (GPS Error)





9

Installation

- 9.1 Use a DC power supply designed for marine use, preferably of +24VDC.
- 9.2 Installation of the SKIPPER™ 150 ADU should provide as much as possible a 360° clear view of the sky and be more than $\pm 10^\circ$ above or below the radar beam.



10

Tips and Troubleshooting

- 10.1 Allow at least 3 minutes for the BDU to boot up and all LED lights are green after switching the power ON.
- 10.2 If the SKIPPER™ 150 is powered ON while the ADU is blocked from view of the satellite, the SKIPPER™ 150 will not register with the satellite network. Registration will occur within 3 to 4 minutes after the vessel moves into clear view of the satellite. If the BDU is not displaying 4 green LED lights after this time, please reboot (power cycle) the terminal to correct the problem.
- 10.3 Anytime the SKIPPER™ 150 is turned on and the LED indicators first flash but then fail to light or if **“Lost Connection with BGAN Terminal...”** is displayed in the SKIPPER™ 150 web console, please reboot (power cycle) the terminal to correct the problem.
- 10.4 The SKIPPER™ 150 uses the latest generation of Inmarsat Fleet Broadband satellites, located directly over the equator at:
 - I-4 Americas Satellite at 98° W Longitude
 - I-4 Asia-Pacific Satellite at 143.5° E Longitude
 - I-4 EMEA Satellite at 25° E Longitude



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