

Quick Reference Instructions For Trimble GALAXY Inmarsat-C

Once you have successfully sent your first e-mail using Sections One to Seven, simply follow these Quick Reference Instructions for future e-mails.

1. Ensure that your Inmarsat-C terminal is logged into an Ocean Region. Ensure that any unfinished previous messages have been saved and the screen cleared for entry of new messages.
2. Press **<ESC>** until the screen is clear. Using the left/right arrow keys, highlight the "QuicKsend" function and press **<ENTER>**. Using the up/down arrow keys highlight the "NexT" function and press **<ENTER>** until you have selected a blank message. Using the up/down arrow keys select the "Editor" function and press **<ENTER>** to edit this message.
3. On the first line of the screen, enter the Internet address prefixed by **TO+**, **TO:** or **INET:** (Refer to the **Table of Service Providers**).
4. Press **<ENTER>** twice in order to leave one blank line between the Internet address entry and the start of your personalised text message.

Note: *If using Telia Mobile type **STX:** to indicate start of text and press **<ENTER>**.*

5. Type in the text of your message. The format does not matter.
6. When you have finished entering your text press **<ESC>**. Select "Yes" from the dialogue box and press **<ENTER>** to save your message.
7. Using the up/down arrow keys select the "Send" function and press **<ENTER>**.
8. Using the up/down arrow keys, highlight the address book entry called "INTERNETMAIL" and press **<ENTER>** to send your message.
9. To check the status of your message use the arrow keys to highlight the "LoGs" function and press **<ENTER>**. Using the arrow keys highlight "View Transmit Log" and press **<ENTER>**. Your message status will be displayed.

Section One Creating An Internet Message

From the **Table of Service Providers**, determine your preferred Service Provider from column 1.

The screen of your Inmarsat-C terminal should look like the example. If it does not, press **<ESC>** until the screen is clear.

If the previous message has been left unfinished then press **<ESC>** once. When prompted to "Save changes ?" use the up/down arrow keys to select "Yes" and press **<ENTER>**. Now press **<ESC>** until the screen looks like the example.

You must ensure that your Inmarsat-C terminal is logged into an Ocean Region. One of the following should be visible in the top left-hand corner of the screen:

- Logged in 044 AOR(W)
- Logged in 144 AOR(E)
- Logged in 244 IOR
- Logged in 344 POR

Using the left/right arrow keys, highlight the "QuickSend" function and press **<ENTER>**.

Using the up/down arrow keys, highlight the "Next" function and press **<ENTER>** until you have selected a blank message. Using the up/down arrow keys highlight the "Editor" function and press **<ENTER>**.

The COMPOSE dialogue box should now be highlighted with a flashing cursor at the top left-hand corner.

You are now ready to proceed to Section Two.

Example

```

***** Logged in 144 AOR(E) NCS: 144 No message IDLE
QuickSend Create/Edit Send Read mail Distress SETup Logs Quit
Trimble Navigation
Galaxy Inmarsat-C/GPS
-----
Maritime
Model: 7002
DTE Vers.: 4.31
DTE Form.: 1.00
DCE Vers.: 4.30
Copyright 1995
<HIGHLIGHTED LETTER> to select, <LEFT>,<RIGHT> to move
Lat 51 31.556 N GPS COG 146 True GPS 11:10 am
Lon 000 05.208 W SOG 01 Knots Dec. 3, 1997
    
```

Section Two Addressing And Entering Your Internet Message

The Internet address to which you wish to send your message must be entered in the first line of the screen. An example is given below.

Replace the highlighted ???? as shown in the example with the **Internet Address Command** used by the Service Provider you have selected. Examples are found in column 3 of the **Table of Service Providers**.
i.e.

TO+ or **TO:** or **INET:**

This **must be** followed by a **space** and the recipient's Internet address in the format:
Username@enterprise.domain

e.g.

Joebloggs@enterprise.com
Maritime_Applications@Inmarsat.org

The first line should now look like this (depending on the Service Provider):
e.g.

TO+ Maritime_Applications@Inmarsat.org or
TO: Maritime_Applications@Inmarsat.org or
INET: Maritime_Applications@Inmarsat.org

Press **<ENTER>** twice in order to leave one blank line between the Internet address entry and the start of your personalised text message.

Note: If using Telia Mobile, type **STX:** to indicate start of text and press **<ENTER>**.

Type in the text of your message. The format does not matter.

Press **<ESC>**. A Yes/No dialogue box will appear. Use the up/down arrowkeys to highlight the "Yes" option and press **<ENTER>** to save the message.

You are now ready to proceed to Section Three.

Example

***** Logged in 144 AOR(E) NCS: 144 No message IDLE			
Distress	F1:LOAD_FULL F5:LOAD_EMPTY F9: BREAKDOWN	F2:DRIVER_OUT F6:DRIVER_IN F10:EMERGENCY	F3:FOOD F7:FUEL F8:DIRECTIONS
Next Prior Editor	===== COMPOSE ===== [0002 OF 0002]		
DeLete PrInt Address Send	↑???? Maritime_Applications@inmarsat.org Vessel: Enterprise ETA: 26-jan 11:10 ETD: 26-jan 17:00 ↓Ship Master		
Next Prior View Delete LoGs	===== MAIL ===== [0000 OF 0000]		
	↑ ↓		
[ENTER] to select, [UP],[DOWN],[LEFT],[RIGHT] to move, [ESC] to exit			

Section Three Preparing Your Message For Transmission

Use the up/down arrow keys to highlight the "Address" function and press <ENTER>.

From the new dialogue box, use the up/down arrow keys to highlight the "Edit mail addresses" function and press <ENTER>.

Using the up/down arrow keys, look for and highlight the "INTERNETMAIL" Address Book entry from the list of existing addresses.

If the entry exists, then highlight it and press <ENTER>. This will take you to the **Edit address** screen.

You are now ready to proceed to Section Four.

If the entry does not exist, then press <ESC> and using the up/down arrow keys highlight the "Insert mail address option" and press <ENTER> twice.

You are now ready to proceed to Section Four.

Example

```

XXXXXXXXX Logged in 144 AOR(E) NCS: 144 No message IDLE
-----
Distress F1:LOAD_FULL F2:DRIVER_OUT F3:FOOD F4:REST
          F5:LOAD_EMPTY F6:DRIVER_IN F7:FUEL F8:DIRECTIONS
-----
          NAME          DESTINATION    LES  OCEAN  NETWORK
-----
INTERNETMAIL  XXXXX- - - - - 102  AOR(E) SPCL_ACCESS_CODE
NOT_ASSIGNED  - - - - - 102  AOR(E) SPCL_ACCESS_CODE
-----
          <ENTER> to select, <UP><DOWN> to move, <ESC> to exit
    
```

Section Four Setting Up Parameters for INTERNETMAIL Address

The **Name** field will read either "INTERNETMAIL" or "NOT_ASSIGNED".

- If the field reads "NOT_ASSIGNED", then over-type with "INTERNETMAIL" and press <ENTER>.
- If the field already reads "INTERNETMAIL", press <ENTER> twice without making any changes.

Confirm that the entries against the other fields are as follows (use the arrow keys to locate the fields and press the <SPACEBAR> to toggle the entries to those required):

Presentation IA5 (7-bit, All Networks)

Data Format Standard (All Presentations)

Note: When *Stratos* or *Telstra* are the Service Providers selected, then confirm that the Presentation field is "Binary (8-bit, No TELEX)" and not "IA5 (7-bit, All Networks)".

Refer to the **Table of Service Providers** and inspect column 4 for your chosen Service Provider.

If column 4 indicates an "X.25" address-type, then go to page marked "Section Four Continued".

If column 4 indicates a "SPECIAL" address-type, then use the arrow keys to:

- Move to the **Prefix** field, enter the value from column 5 of the **Table of Service Providers** associated with the Service Provider you wish to use and press <ENTER>. (Remember this value for use in Section Six when sending your message).

- Ensure the **Country Code** and **Destination** fields are empty.
- Move to the **Delivery Network** field and press the <SPACEBAR> to bring up a dialogue box.
- Using the up/down arrow keys, select "SPCL_ACCESS_CODE" as the network type and press <ENTER>.

You are now ready to proceed to Section Five.

Example

```

XXXXXXXXXX Logged in 144 AOR(E) NCS: 144 00001145.E01 IDLE
-----
Edit address
-----
Name INTERNETMAIL      Presentation IA5 (7-bit, All Networks)
                        Data Format Standard (All Presentations)

Prefix Country Code Destination Extension
XXXXX
Use "Prefix" field for "Special Access Code" and "Closed Network Id"

CES Goonhilly 102 AOR(E) Delivery Network SPCL_ACCESS_CODE

Position Report Setup
Trimble Position Report Disabled Trimble Position Report Disabled
Trimble Position Report Disabled Trimble Position Report Disabled
-----
<ENTER> to modify, <UP><DOWN> to move, <ESC> to exit
    
```

Section Four Continued For "X.25" Address-Type Only

If column 4 indicates an "X.25" address-type, then use the arrow keys to:

- Move to the **Prefix** field and ensure it is empty.
- Move to the **Country Code** field, enter the first 4 digits of the "X.25" address number (found in column 5 of the **Table of Service Providers**) and press <ENTER>.
- Move to the **Destination** field, enter the remaining digits of the "X.25" address number and press <ENTER>.
- Move to the **Delivery Network** field and press <SPACEBAR> to bring up a dialogue box of network types.
- Using the up/down arrow keys, select **PSDN** as the network type and press <ENTER>.

Ignore the **Position Report Set-up** field.
Leave the **Extension** field empty.

You are now ready to proceed to Section Five.

Example

```

XXXXXXXXX Logged in 144 AOR(E) NCS: 144 No message IDLE
-----
Edit address
Name INTERNETMAIL Presentation IA5 (7-bit, All Networks)
Data Format Standard (All Presentations)

Prefix Country Code Destination Extension
2624 5231025010
Use "Prefix" field for "Special Access Code" and "Closed Network Id"

CES Goonhilly 102 AOR(E) Delivery Network PSDN

Position Report Setup
Trimble Position Report Disabled Trimble Position Report Disabled
Trimble Position Report Disabled Trimble Position Report Disabled
-----
<ENTER> to modify, <UP><DOWN> to move, <ESC> to exit
    
```

Section Five Coast Earth Station (CES) Selection

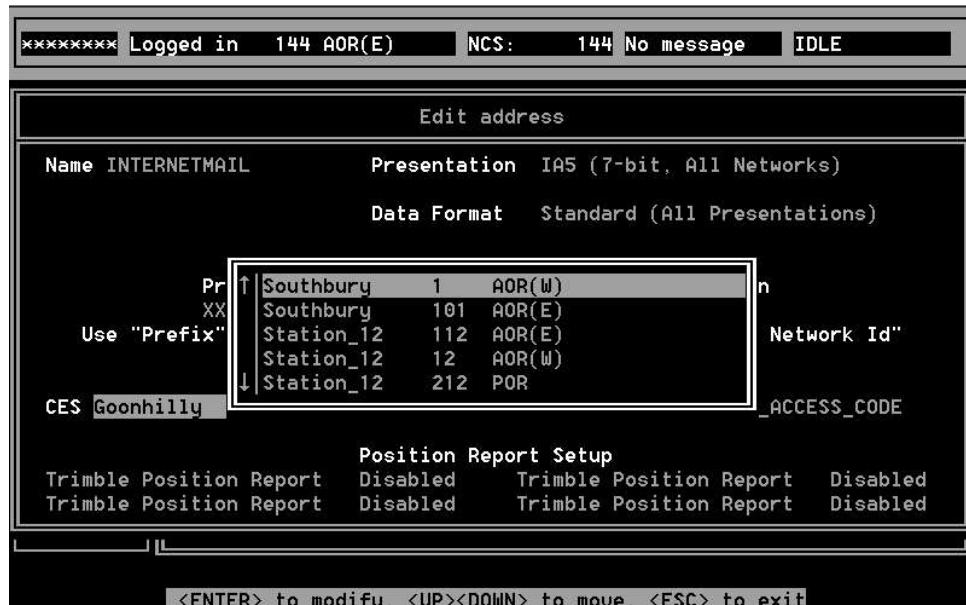
Using the arrow keys, highlight the "CES" field, and press **<SPACEBAR>**.
A dialogue box containing a complete list of Coast Earth Stations will appear.

Using the arrow keys, highlight the Coast Earth Station ID of your chosen Service Provider for the Ocean Region you are logged into (as displayed in the top left-hand corner of your screen). Refer to column 2 in the **Table of Service Providers**. Press **<ENTER>**.

Now press **<ESC>** 3 times, to return to the "QuickKsend" screen.

You are now ready to proceed to Section Six.

Example



Section Six Sending Your Message

Using the up/down arrow keys, highlight the "Send" function and press <ENTER>.

Using the arrow keys, highlight the Address Book entry called "INTERNETMAIL" containing the values as entered in Section Four and press <ENTER> to send the message.

The screen will show that the message has been put into the outgoing mailbox.

You are now ready to proceed to Section Seven.

Example

The screenshot displays a terminal window with the following elements:

- Status Bar:** Logged in 144 AOR(E) NCS: 144 No message IDLE
- Distress Panel:**
 - F1:LOAD_FULL F2:DRIVER_OUT F3:FOOD F4:REST
 - F5:LOAD_EMPTY F6:DRIVER_IN F7:FUEL F8:DIRECTIONS
 - F9:BREAKDOWN F10:EMERGENCY
- Compose Panel:**
 - Composer: COMPOSE [0002 OF 0002]
 - To: ↑???? Maritime_Applications@inmarsat.org
 - Vessel: Enterprise
 - ETA: 26
 - ETD: 26
 - ↓Ship Ma
 - Message put in outgoing mailbox !
 - MAIL [0000 OF 0000]
- Navigation Panel (Left):**
 - Next
 - Prior
 - Editor
 - Delete
 - Print
 - Address
 - Send
 - Next
 - Prior
 - View
 - Delete
 - Logs
- Footer:** === Please wait, DTE/DCE communications in progress - Press F7 to abort ===

Section Seven Checking The Status of Your Transmission

Using the up/down arrow keys, highlight the "LoGs" function and press <ENTER>. From the dialogue box obtained, use the up/down arrow keys to highlight "View Transmit Log" and press <ENTER>.

Your message status will be displayed.

If a transmission error is indicated, refer to the **NON DELIVERY CODES** list.

Go back to Section Six and retransmit the message. If still unsuccessful, contact the Service Provider.

Example

```

----- Logged in 144 AOR(E) LES: 102 No message XMIT MSG
QuickSend Create/Edit Send Read mail Distress SEtup Logs Quit
REF # UTC DATE DESTINATION SOURCE SIZE STATUS
ACTIVE 10:37 03/12/97 00000003.C01 112 SENDING
<UP><DOWN> to move, <ESC> to exit
Lat 51 31.496 N GPS COG 165 True GPS 11:28 am
Lon 000 05.138 W SOG 01 Knots Dec. 3, 1997
    
```