

Quick Reference Instructions For Nera SATURN 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 is clear for entry of new messages.
 2. Press <ESC> until the screen is clear. Using the left/right arrow keys highlight the "Edit/Send" function and press <ENTER>. Using the up/down arrow keys highlight the "Edit New Message" function and press <ENTER>.
 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 the text of your message press <CTRL>+<F10>. Press <ENTER> to accept the default filename.
 7. Using the up/down arrow keys select the **Destination:** field. Ensure that "INTERNETMAIL" is displayed. If it is, then press <ENTER> to accept it. If it is not, then press to delete the entry. Select "Yes" from the dialogue box and press <ENTER>. Press <INS> and select "INTERNETMAIL" from the list. Press <ENTER>.
 8. Using the up arrow key highlight the **Priority** field and by pressing the <SPACEBAR> toggle the options to select "Normal".
 9. Using the down arrow key, highlight the **Confirmation Request:** field. By pressing the <SPACEBAR> toggle the options to select "No".
 10. Using the right arrow key, highlight the **LES immediate delivery:** field. By pressing the <SPACEBAR> toggle the options to select "Yes".
 11. Using the up arrow key, highlight the **Land Earth Station:** field and press <Ins>. Using the arrow keys, highlight the Land Earth Station **ID:** of your chosen Service Provider for the Ocean Region you are logged into. (Refer to Column 2 in the **Table of Service Providers**.) Press <ENTER>.
 12. Press <F10> to send the message.
 13. To check the status of your message, press <ESC> until the Edit/Send option is highlighted. Using the left/right arrow keys select the **Logfile** option and press <ENTER>. Using the up/down arrow keys highlight the "View Tx Log" function and press <ENTER>. Using the arrow keys select the message just sent and press <ENTER>. Message status will now be displayed

Section Two

Addressing And Entering Your Internet Message

1. 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.

Replace the highlighted **????** as shown 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.

Maritime_Applications@Inmarsat.org

Note: If the @ key is not found on your keyboard, then press **<Shift>+2**.

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

2. 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>**.

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

4. Press **<F10>**. A "Save message in: OWN_MSG.###" dialogue box appears, where # is any number. Remember the default filename for use in Section Four, Press **<ENTER>** to save the message. The "Edit/Send" drop-down menu will appear.

You are now ready to proceed to Section Three.

Example

```

1  ????: Maritime_Applications@Inmarsat.org
2  Vessel: Enterprise
   ETA: 26-jan 11:00
   ETD: 26-jan 17:00
   Confirm collection of spares
   Ship Captain

```

Insert | A | Untitled | 143 characters | ▲

|05530| | Lat: 51°00.00'N Long: 001°00.00'W | Idle |

| NCS-144 | LOGIN-144 | 18 Aug. 1998 13:16:23 |

Section Three Preparing Your Message For Transmission

1. Use the up/down arrow keys to highlight the "Edit **D**estination Directory" function and press **<ENTER>**.

This will call up the "Destination Directory" screen which lists previously used addresses.

2. Using the up/down arrow keys, highlight the "INTERNETMAIL" Destination Address entry from the list of existing addresses.

3. If the entry exists, then highlight it and press **<F5>**. This will take you to the **Destination Directory Entry** screen. The **Name:** field will read "INTERNETMAIL". Press **<ENTER>** twice to accept this and proceed to the **Network:** field.

Press **<ENTER>**. A dialogue box titled "Select Network Type" will appear.

To continue with this step, proceed to Section Four.

4. If the entry does not exist, then press **<Ins>** to obtain a new dialogue box for entering a new directory entry. The **Name:** field is blank. Type in "INTERNETMAIL" and press **<ENTER>** to proceed to the **Network:** field.

Press **<ENTER>**. A dialogue box titled "Select Network Type" will appear.

To continue with this step, proceed to Section Four.

Example

```

                Destination Directory
    Name:                Network/number:
    InmarsatMaritimeFax Facsimile 44 1717281752
    INTERNETMAIL        Spec. Service, 8 bit 67
    <F5> Modify, <Ins> Insert, <Del> Delete, <F10> Save, <F1> Help, <Esc> Exit
    New message has arrived                               Idle
    06205 |-----| Lat: 51°00.00'N Long: 001°00.00'W |-----|
    MESSAGE                NCS-144                LOGIN-144                19 Aug. 1998 14:53:33
  
```

Section Four Setting Up Parameters for INTERNETMAIL Address

1. 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 turn to page marked "Section Four Continued". If Column 4 indicates a **"SPECIAL" address type**, then use the arrow keys to:

- Select the "Spec. Service, 7-bit" option.

Note: When using **Stratos** or **Telstra**, confirm that the **Network: field** is **"SPEC. Service, 8-bit"** and **"SPEC. Service, 7-bit"**.

- Press **<ENTER>** to accept.
- The **Address:** field is highlighted. Type in the value from Column 5 of the **Table of Service Providers** associated with the Service Provider you wish to use and press **<ENTER>**.
- Press **<F10>** twice to save.

2. The Edit/Send drop-down menu will appear. Using the up/down arrow keys select the field "Send Message" and press **<ENTER>**.

The **Message:** field will be highlighted. Ensure that the message you have just created is the one selected here.

3. Using the up/down arrow keys select the **Destination:** field.

It is likely that the last successfully used destination address will be entered here by default.

- If it is the correct destination address then press **<ENTER>** to accept it.
- If it is not correct, then press **** to delete the entry. Using the arrow keys select "Yes" when asked to confirm deletion. Press **<ENTER>**.

Now press **<INS>** to bring up a list of previously used or entered destination addresses. Using the arrow keys select the "INTERNETMAIL" directory entry and press **<ENTER>**.

4. Using the up arrow key highlight the **Priority:** field. By pressing the **<SPACEBAR>** toggle the options to select "Normal".

5. Using the down arrow key, highlight the **Confirmation Request:** field, by pressing the **<SPACEBAR>** toggle the options to select "No".

6. Using the right arrow key, highlight the **LES immediate delivery:** field, by pressing the **<SPACEBAR>** toggle the options to select "Yes".

You are now ready to proceed to Section Five.

Example

```

Destination Directory
-----
Name:          Network/number:
InmarsatMaritimeFax Facsimile 44 1717281752
-----
Destination Directory Entry
-----
Name:  INTERNETMAIL
Network: Spec. Service, 7 bit
Service:
Address: XXXX
-----
Type in service/access code
-----
<F10> Put entry in list, <F1> Help, <Esc> Exit
-----
05743 | Lat: 51°00.00'W Long: 001°00.00'W | Idle
URGENT | MCS-144 | LOGIN-144 | 18 Aug. 1998 13:47:04
    
```

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

- If Column 4 indicates an "**X.25**" address-type, then use the arrow keys to:
 - Select the "X.25" as the network type. Press <ENTER> to accept.
 - The **Address:** field is highlighted. Type in the first four digits of the "X.25" address number (found in Column 5 of the **Table of Service Providers**) and press <ENTER>.
 - Now type in the remainder of the digits of the "X.25" address number and press <ENTER>.
 - Press <F10> twice to save.
 - The Edit/Send drop-down menu will appear. Using the up/down arrow keys select the field **Send Message**. Press <ENTER>.
- The **Message:** field will be highlighted. Ensure that the message you have just created is the one selected here.
- Using the up/down arrow keys select the **Destination:** field. It is likely that the last successfully used destination address will be entered here by default.
 - If it is the correct destination address then press <ENTER> to accept it.
 - If it is not correct, then press to delete the entry. Using the arrow keys select "Yes" when asked to confirm deletion. Press <ENTER>. Now press <INS> to bring up a list of previously used or entered destination addresses. Using the arrow keys select the "INTERNETMAIL" directory entry and press <ENTER>.
 - Using the up arrow key highlight the **Priority:** field. By pressing the <SPACEBAR> toggle the options to select "Normal".
 - Using the down arrow key, highlight the **Confirmation Request:** field, by pressing the <SPACEBAR> toggle the options to select "No".
 - Using the right arrow key, highlight the **LES immediate delivery:** field, by pressing the <SPACEBAR> toggle the options to select "Yes".

You are now ready to proceed to Section Five.

Example

1

```

Destination Directory
-----
Name:          Network/number:
InmarsatMaritimeFax Facsimile 44 1717281752
-----
Destination Directory Entry
-----
Name:  INTERNETMAIL
Network: X.25
-----
DNIC:   Number:
Address: 5432 23423968494882
-----
Press <Enter> to select destination network
-----
<F10> Put entry in list, <F1> Help, <Esc> Exit
-----
06308 | Lat: 51°00.00'W Long: 001°00.00'W | Sending message
-----
LES-102 LOGIN-144 19 Aug. 1998 15:08:28

```

Section Five Land Earth Station (LES) Selection

1. Using the up arrow key, highlight the **Land Earth Station:** field and press **<Ins>**. A dialogue box containing a list of Land Earth Stations **Id:** and **Name:** details will appear.

2. Using the arrow keys, highlight the Land Earth Station **Id:** of your chosen Service Provider for the Ocean Region you are logged into (as displayed in the bottom-centre of the screen). Refer to Column 2 in the **Table of Service Providers**. Press **<ENTER>**.

You are now ready to proceed to Section Six.

Example

```

Send Message
-----
Message:      OWN_MSG.001
Priority:     Normal
Land Earth Station:  [ ]
Destination:  INTERNETMAIL Spec. Servi
Confirmation request: No

Type in LES-id, or press <Ins> to select from list

Id:  Name:
-----
101  Southbury, USA (AOR E)
102  Goonhilly, UK (AOR E)
103  Maadi, Egypt
104  Eik, Norway (AOR E)
105  Fucino, Italy
112  Station 12 (AOR E)
114  Tangua, Brazil (AOR E)
115  Raisting, Germany

<Enter> Select, <F1> Help, <Esc> Exit
-----
05772 | Lat: 51°00.00'W Long: 001°00.00'W | Idle
URGENT | MCS-144 | LOGIN-144 | 18 Aug. 1998 13:51:13
    
```

1
2

Section Six Sending Your Message

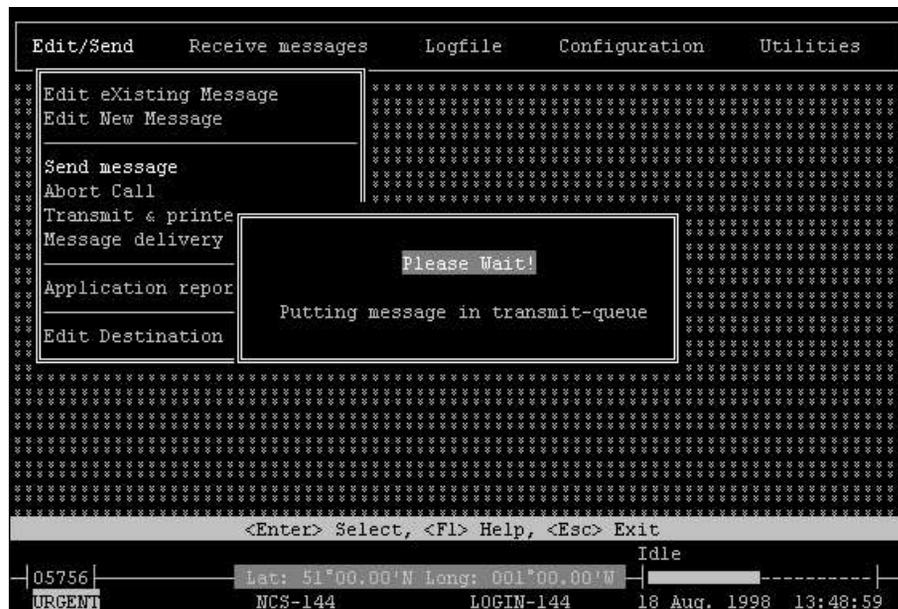
1. You have now entered all the necessary information to send your message.

Press **<F10>** to send the message.

2. The screen will show a dialogue box requesting you to wait as the system puts the message into the transmit-queue.

You are now ready to proceed to Section Seven.

Example



2

Section Seven Checking The Status of Your Transmission

1. Press <ESC> until the Edit/Send option is highlighted. Using the left/right arrow keys select the **Logfile** option and press <ENTER>.
2. Using the up/down arrow keys, highlight the "View Tx Log" function and press <ENTER>.
3. A new screen will be displayed showing a list of messages that have been sent. Using the up/down arrow keys highlight the message that has just been sent.
4. Your message status will be displayed in the lower-half of the screen.
5. If a transmission error is indicated, refer to the **NON DELIVERY CODES** list.

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

Example

3

TX message log

Message:	Size:	Date:	Time:	Additional information:
OWN MSG.001	145	18-08-98	13:33	Filename: C:\...\MESSAGE\OWN_MSG.001 Message ref. number: Unknown Priority: Normal Network: Spec. Service, 7 bit Land Earth Station: 102
OWN MSG.001	145	18-08-98	13:36	
OWN MSG.001	145	18-08-98	13:49	

Address:	Message status:
XXXX	Currently being transmitted.

<Enter> View message, <F5> Edit as new message, <F1> Help, <Esc> Exit

Sending message

05761	Lat: 51°00.00'N Long: 001°00.00'W	
URGENT	LES-102	LOGIN-144 18 Aug. 1998 13:49:37

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