



## **How to set your LES (Land Earth Station) and send emails for Inmarsat C Terminals**

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Ref: Version 2

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## 1. INTRODUCTION

Any Inmarsat – C is capable of sending messages to any Internet address through the Internet service at EIK or AUSSAGUEL Teleports. No extra hardware or software is needed on the vessel and either on the shore side.

## 2. SENDING INMARSAT-C MESSAGES TO INTERNET THROUGH AUSSAGUEL TELEPORT

SkyFile® C enables Inmarsat-C mobile users to send and receive emails as well as GSM-short messages (SMS).

SkyFile C services are available for the messages going through Aussaguel (France) Teleport **ONLY**.

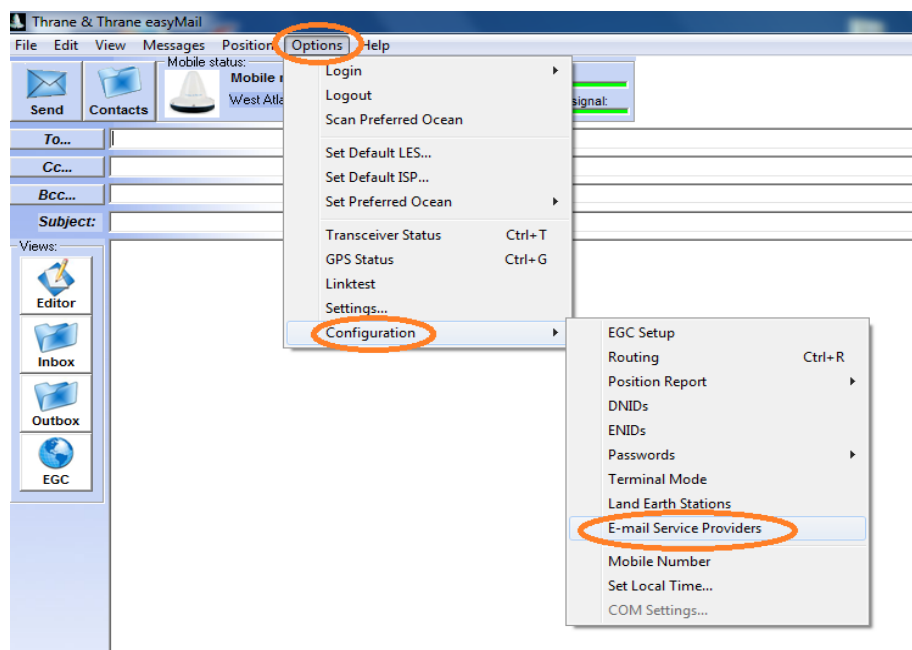
### 2.1 Sending messages using a T&T Easymail C-terminal

Before sending an email over Marlink LES, it is necessary to configure Easymail software.

Please double-check the 3 following menus:

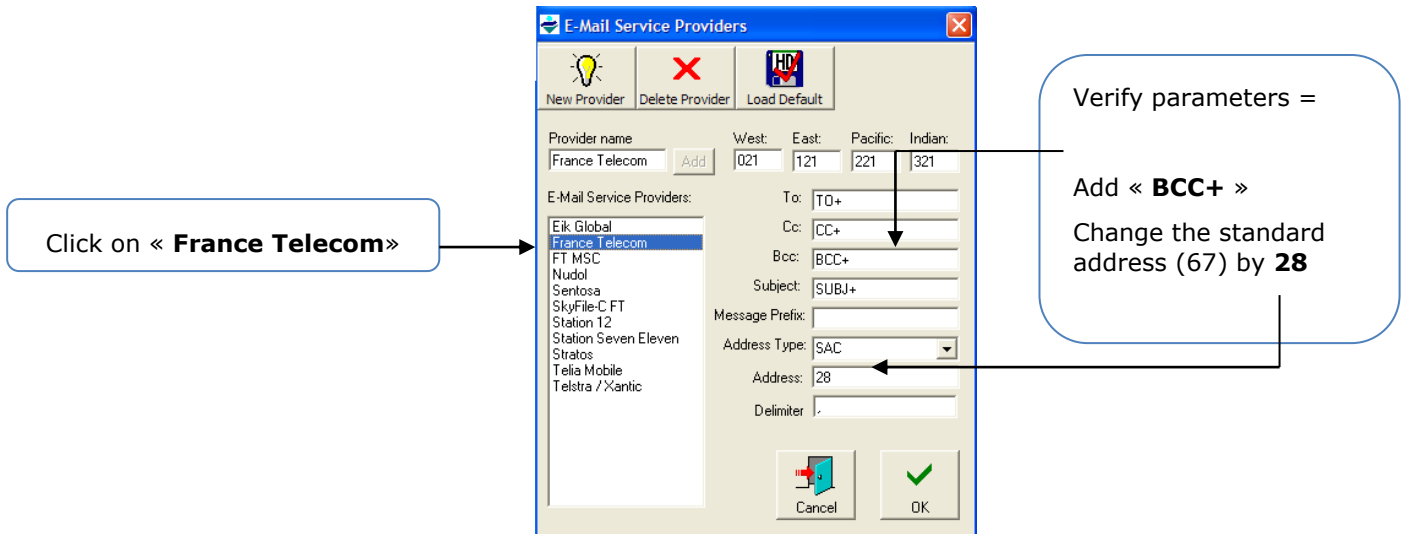
- **E-mail Service Providers**
- **Default LES**
- **Default ISP**

#### 2.1.1 E-mail Service Provider



Select Options / Configuration / e-mail Service Providers

If you use **EasyMail V1.11** or anterior the following modifications must be applied



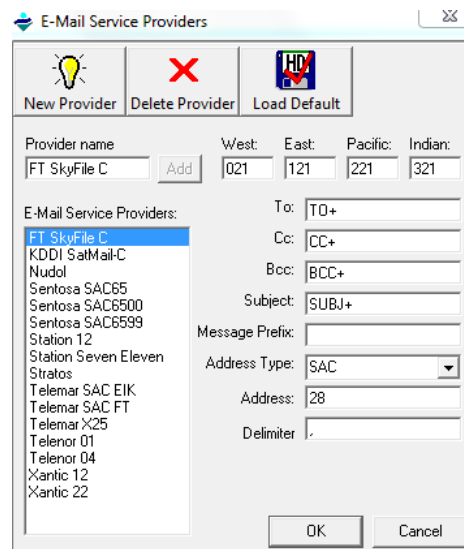
Click on « **France Telecom** »

Verify parameters =

Add « **BCC+** »

Change the standard address (67) by **28**

If you use **Easymail V1.12** and following, please select “FT SkyFile-C”. All parameters have been updated.



E-Mail Service Providers

Provider name: FT SkyFile C

West: 021 East: 121 Pacific: 221 Indian: 321

E-Mail Service Providers:

- FT SkyFile C
- KDDI SatMail-C
- Nudol
- Sentosa SAC65
- Sentosa SAC6500
- Sentosa SAC6599
- Station 12
- Station Seven Eleven
- Stratos
- Telemar SAC EIK
- Telemar SAC FT
- Telemar X25
- Telenor 01
- Telenor 04
- Xantic 12
- Xantic 22

To: TO+

Cc: CC+

Bcc: BCC+

Subject: SUBJ+

Message Prefix:

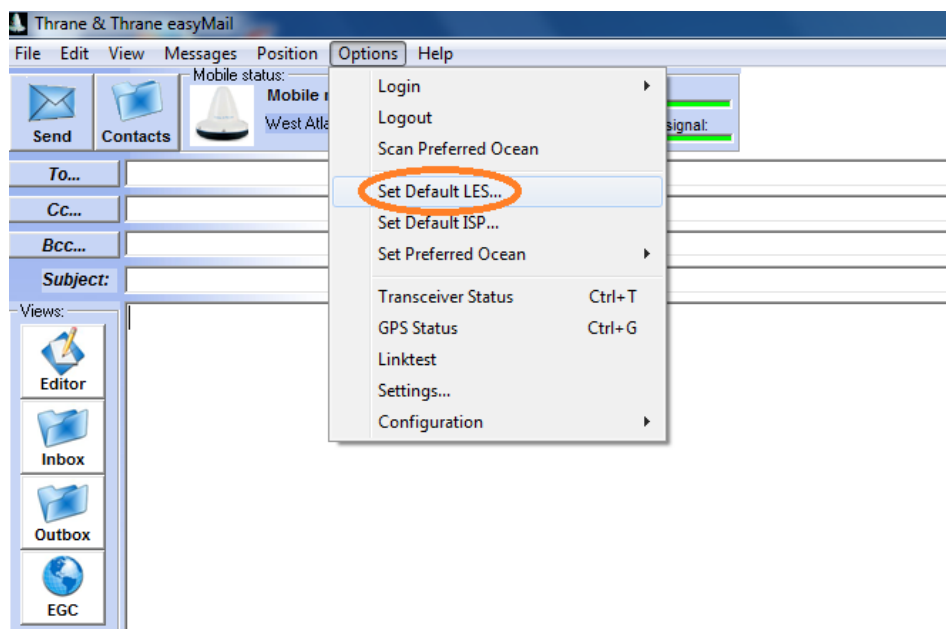
Address Type: SAC

Address: 28

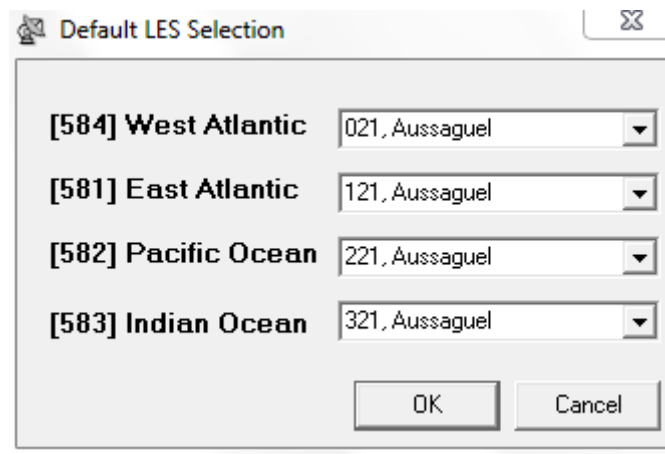
Delimiter:

OK Cancel

## 2.1.2 Set default LES

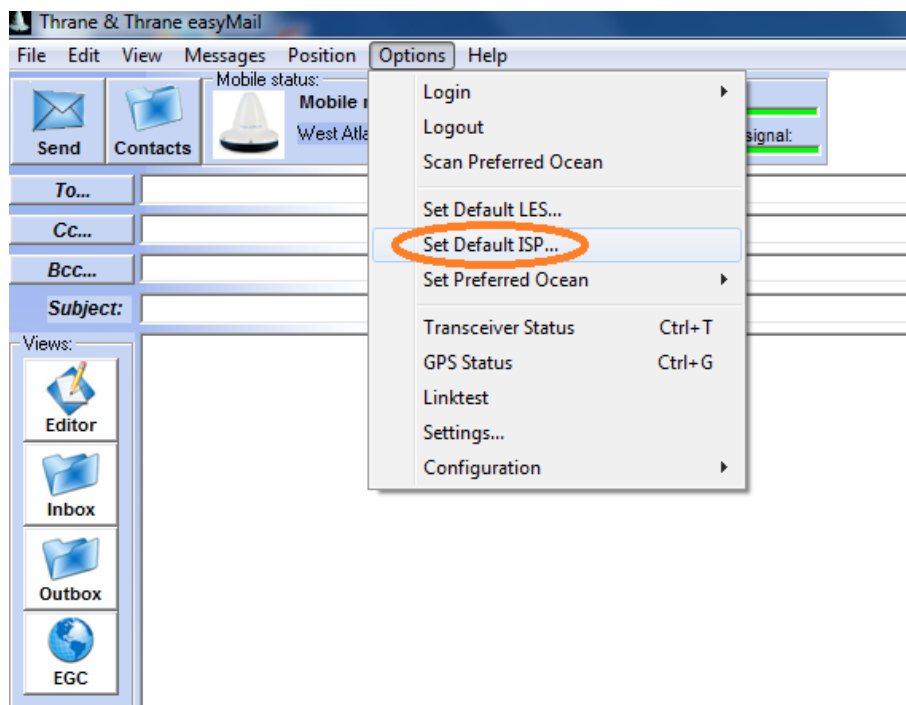


Select Options / Set Default LES

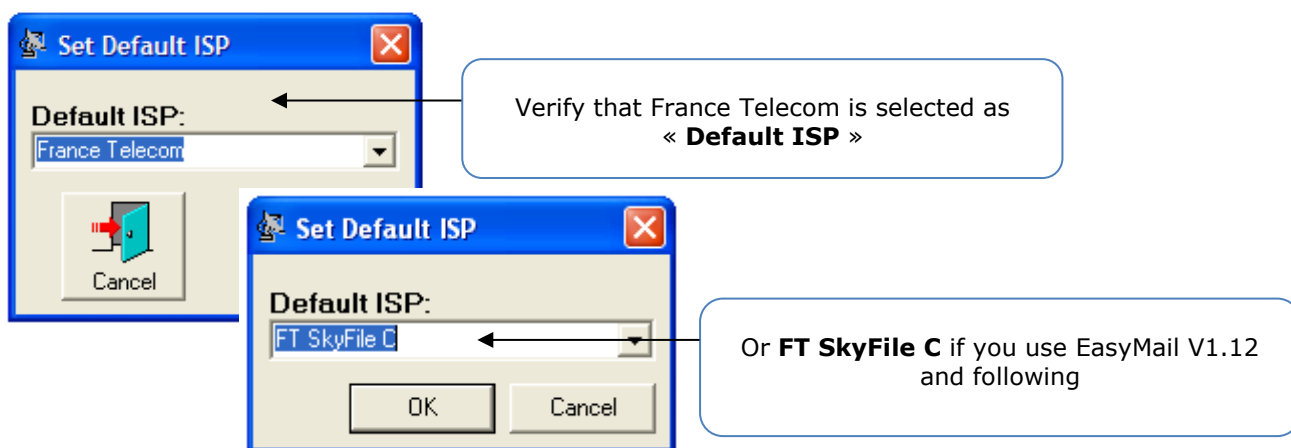


Select Aussaguel on each Ocean Region

### 2.1.3 Set default ISP



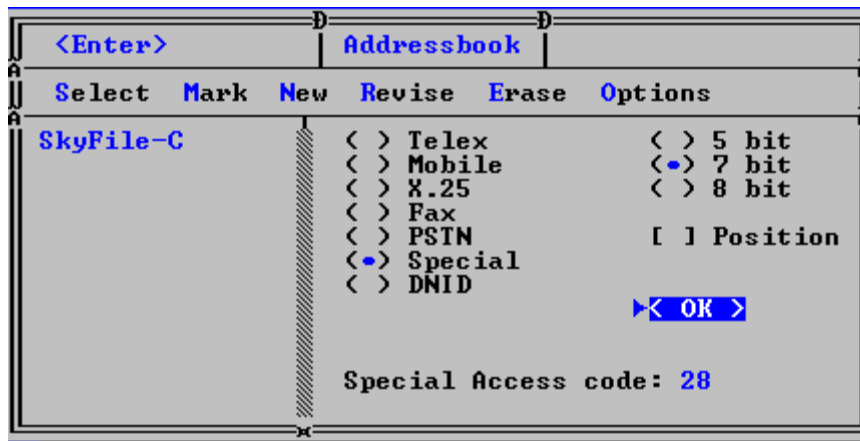
Select Options / Set Default ISP



## 2.2 Sending messages using a T&T CapSat C-Terminal

### 2.2.1 Create a new Special Access Code

- 1) Please press F3 on your keyboard to open your addressbook
- 2) Select "New"
- 3) Select an Alias (e.g. "SkyFile-C")
- 4) Select "Special" or "Special Access Code" or "SAC" (depending of Capsat version)
- 5) Select "5bit" or "7bit"
- 6) Enter "28" in "Special Access Code" field
- 7) Validate by "OK"

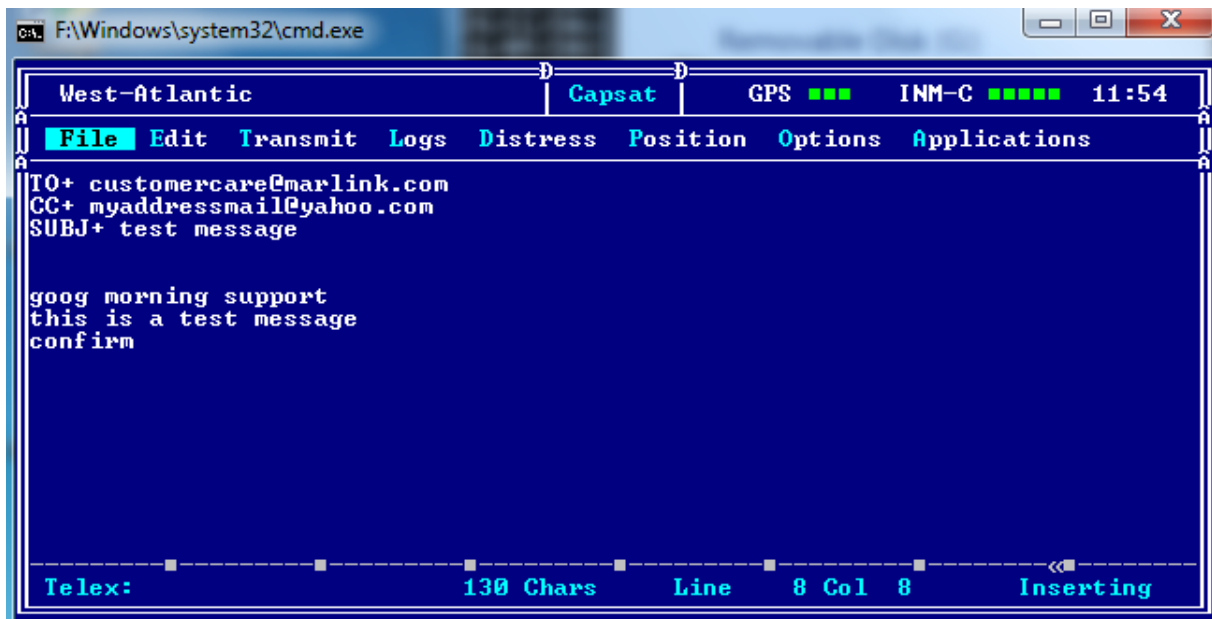


<Enter> Addressbook	
Select	Mark New Revise Erase Options
SkyFile-C	<div> <div> &lt; &gt; Telex  &lt; &gt; Mobile  &lt; &gt; X.25  &lt; &gt; Fax  &lt; &gt; PSTN  &lt;•&gt; Special  &lt; &gt; DNID </div> <div> &lt; &gt; 5 bit  &lt;•&gt; 7 bit  &lt; &gt; 8 bit  [ ] Position </div> </div> <div> &lt;&lt; OK &gt;&gt; </div> <div> Special Access code: 28 </div>

## 2.2.2 Sending an email

Prepare your message within the text editor. On the first line insert the destination address (several addresses could be inserted). They could be followed by CC+, BCC+, SUBJ+ and/or CONF+. Except TO+, all other parameters are optional.

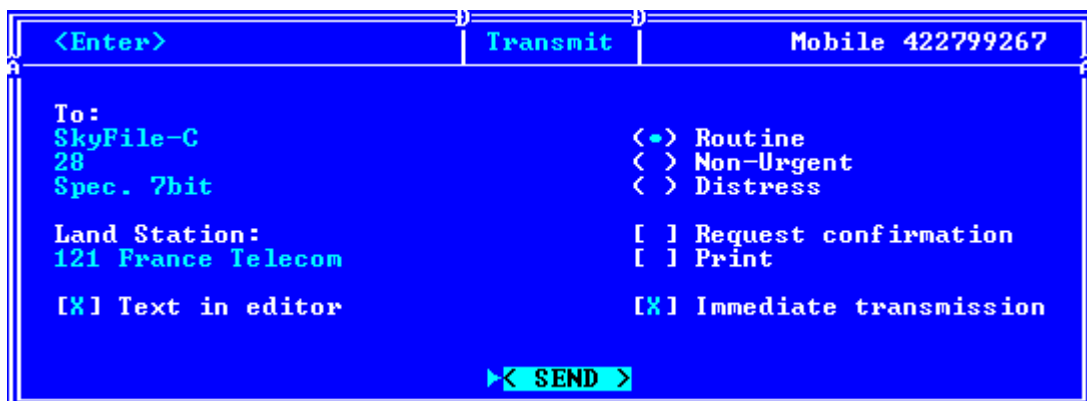
When your message is ready please select "Transmit".



## 2.2.3 Select Marlink LES

Before sending your email, please verify all parameters:

- Alias: SkyFile-C
- Special Access Code: 28
- Format: 7bit
- LES: Aussaguel or France Telecom







## 2.3 Sending messages using a Furuno C-terminal

### 2.3.1 LES and SAC configuration

To send an e-mail from a c-unit Furuno, please select **Marlink Services LES**.

- a/ Select "**System**" menu and choose "**Station List**"
- b/ Enter "**Name**" Marlink Services, "**Type**" SPEC, "**Station ID**" **28**, "**Remarks**" blank
- c/ You will need one address book entry per Ocean Region

For Atlantic Ocean Region west	select <b>021</b>
For Atlantic Ocean Region East	select <b>121</b>
For Pacific Ocean Region	select <b>221</b>
For Indian Ocean Region	select <b>321</b>

How to send a message?

- d/ Choose "**Editor**" screen from the "**File**" menu
- e/ Enter email address on the first line as shown below. Please start your message on the next line
- f/ Choose "**Send**" from the "**Send / Rec**" menu
- g/ From "**Send message**" screen, choose "**Priority**" Normal, "**Message File**", Message now being edited, "**Station Name**" **Marlink**, "**LES ID**" as per table above, "**Confirmation**" optional.

### 2.3.2 E-mail addresses format

As per step 5 above, type the e-mail address on the first line in this format:

TO+ [receivername@domainname.com](mailto:receivername@domainname.com)

Example: TO+ [servicedesk@marlink.com](mailto:servicedesk@marlink.com)

For multiple addresses, please use CC+

Example: TO+ [servicedesk@marlink.com](mailto:servicedesk@marlink.com)  
CC+ [myfriend@yahoo.com](mailto:myfriend@yahoo.com)  
CC+ [mysister@free.com](mailto:mysister@free.com)



For a complete End-to-End confirmation please use CONF+

Example: TO+ [servicedesk@marlink.com](mailto:servicedesk@marlink.com)  
CONF+

For subject, please use SUBJ+

Example: TO+ [servicedesk@marlink.com](mailto:servicedesk@marlink.com)  
SUBJ+ this is a test message

For SMS, please use SMS+

Example: SMS+ +33688056789

## 2.4 Sending messages using a JRC C-Terminal

### 2.4.1 LES and SAC configuration

To send an e-mail from a c-unit **JRC**, please select Marlink LES.

- From the Edit option of the main menu, choose edit ASCII file
- Type a file name for your message
- Type the destination address on the very first line of your message as shown below.
- Type your message starting on the next line, Then choose Transmit (F6)
- Select Special Access Network and enter Special Access Code **28**
- Select Position Off, Character Code Data, Confirmation Optional
- Choose the appropriate LES from the table below, then F1 to send your message

For Atlantic Ocean Region West	select <b>021</b>
For Atlantic Ocean Region East	select <b>121</b>
For Pacific Ocean Region	select <b>221</b>
For Indian Ocean Region	select <b>321</b>

### 2.4.2 Email address format

As per step 5 above, type the e-mail address on the first line in this format:

TO+ [receivername@domainname.com](#)

Example: TO+ [servicedesk@marlink.com](#)

For multiple addresses, please use CC+

Example: TO+ servicedesk@marlink.com  
CC+ [myfriend@yahoo.com](#)  
CC+ [mysister@free.com](#)

For a confirmation please use CONF+ (positive acknowledgement indicates that email address format is valid and that e-mail domain name is existing)

Example: TO+ [servicedesk@marlink.com](#)  
CONF+

For subject, please use SUBJ+

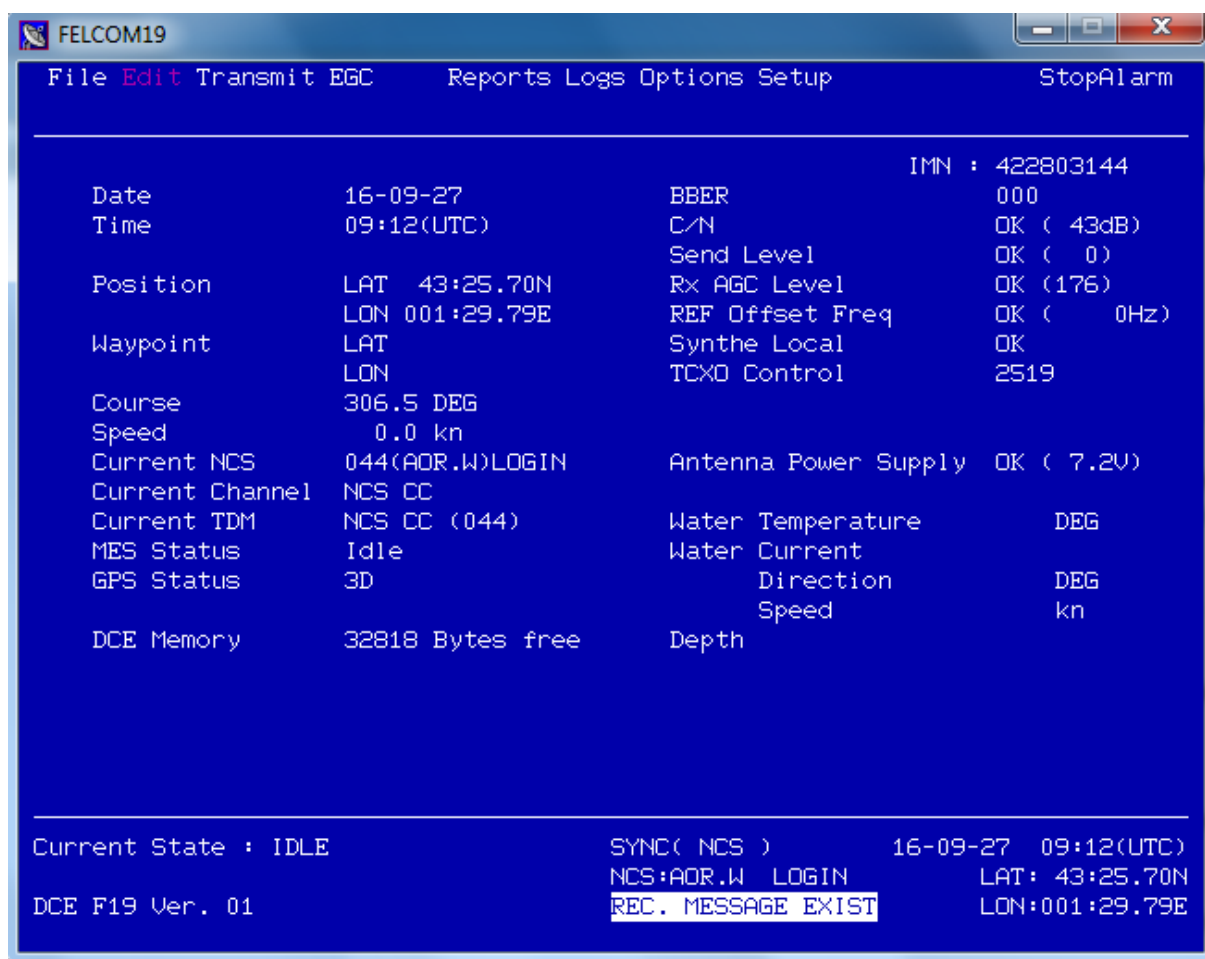
Example: TO+ [servicedesk@marlink.com](mailto:servicedesk@marlink.com)  
SUBJ+ this is a test message

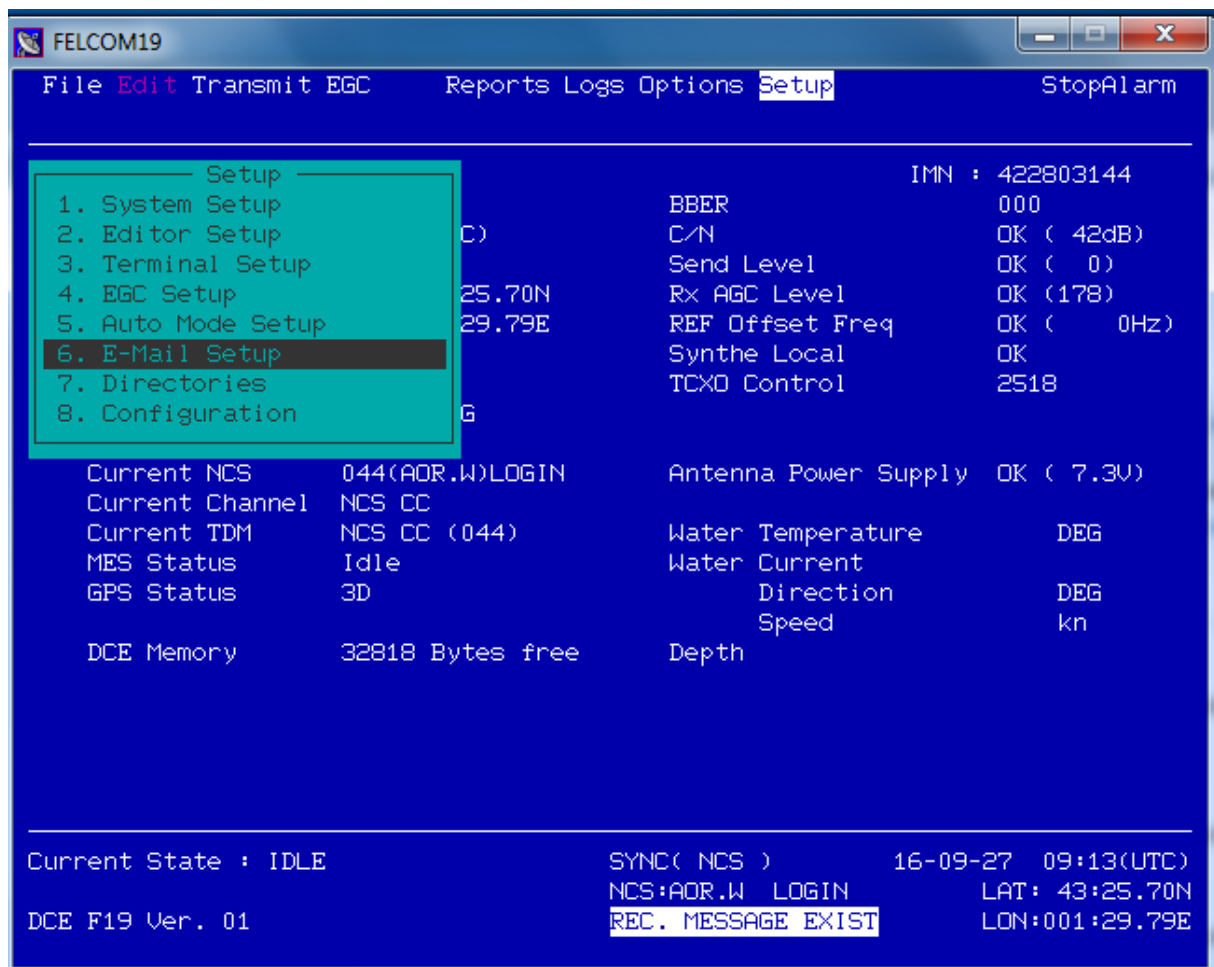
For SMS, please use SMS+

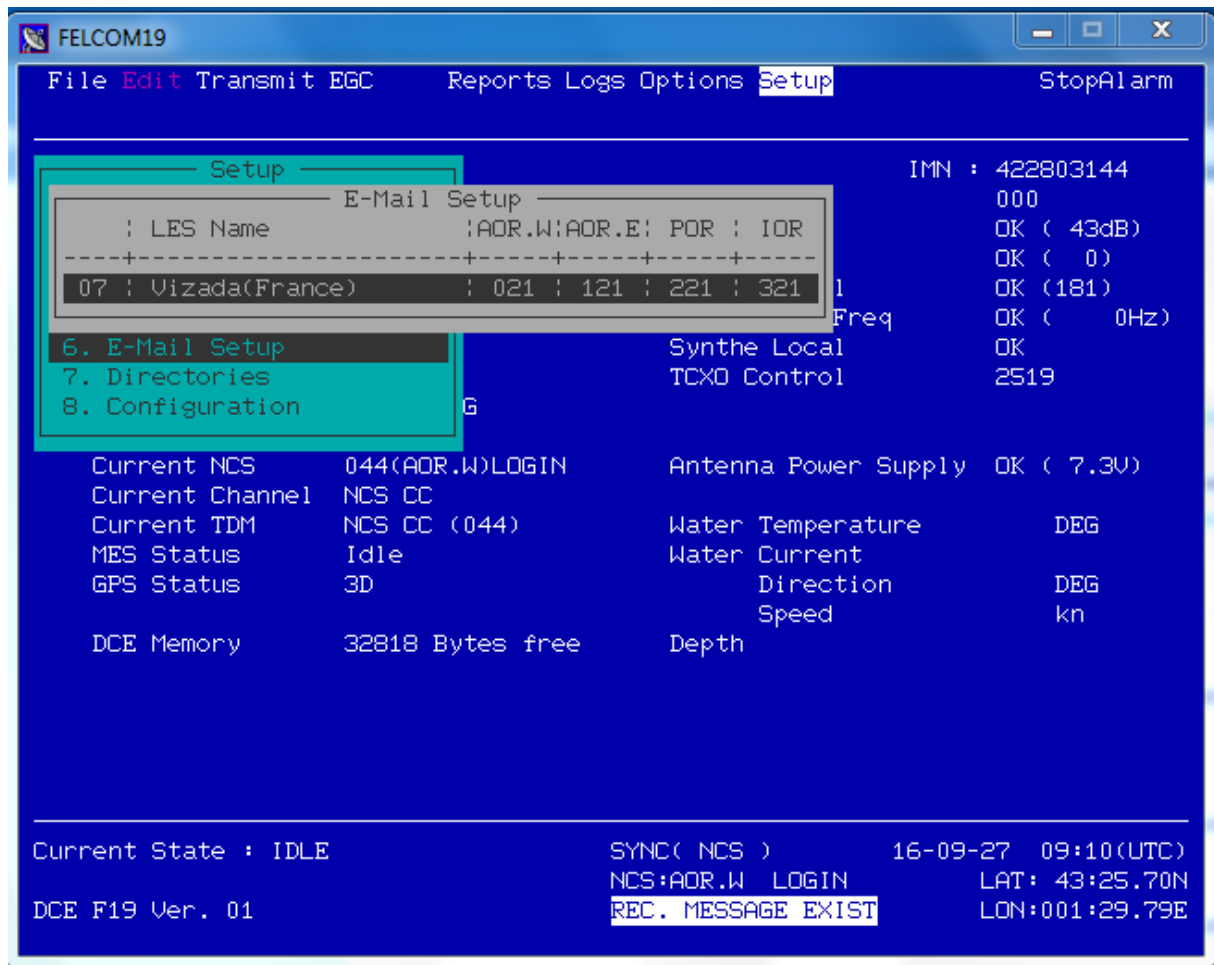
Example: SMS+ +33688056789

## 2.5 Sending messages using a Felcom 19 terminal

On the main menu go to Set up / email set up / choose Vizada France







### 3. SENDING INMARSAT-C MESSAGES TO INTERNET THROUGH EIK TELEPORT

Any Inmarsat-c terminal is capable of sending messages to any Internet address through the Internet service at EIK. No special software or registration at EIK is required.

To be able to send messages to Internet you must define the address of the EIK Internet service in the Inmarsat – C address book. Refer to you Inmarsat – C’s user guide on how to add a new address to the address book.

Make a new address with the following parameters:

Name: Any, e.g. EIKINTERNET

Address type: Special access

Number: 28

Char code: 7 BIT

LES: EIK

### 3.1 Sending a message:

The message to an Internet User is prepared in exactly the same way as any message using the Inmarsat – C terminal. The very first line of the message must start with the Internet address of the recipient, preceded by the keyword “TO” and a colon. The address must be specified on a single line and must be a fully qualifying Internet address.

Example of the message:

To: [HENRY.FORD@TT.DK](mailto:HENRY.FORD@TT.DK)

Text of the message

Regards, Tim

When the message has been completely prepared it must be sent to the address of the EIK Internet service.

### 3.2 PDN Positive Delivery Notifications

Requesting a positive delivery notification will cause EIK to return a PDN, as soon as the Internet gateway has successfully delivered the message to the Internet. This does not imply that the message has reached its destination. The message could still fail if the recipient address is wrong.

### 3.3 NDN Negative Delivery Notifications

If the delivery of the message fails somewhere between the Inmarsat terminal and the Internet gateway at EIK, a standard NDN will be returned to the Inmarsat terminal. Once the message has been delivered to the Internet, the message handling is completed in terms of the Inmarsat-c protocol.

### 3.4 Multiaddressing

Multiple recipients for a message may be specified by listing all recipients separated by semicolon on a single line.

### 3.5 CC Carbon Copy

One or more ‘CC’ recipient(s) may be specified by adding a keyword and CC and a colon followed by the recipient address (es) separated by semicolon on a single line.

### 3.6 CC Subject text

Adding the keyword subject and a colon, followed by the subject text on a single line may specify a subject text describing the message. This text will appear in the subject field of the recipient’s Internet mail reader.



Example of a message using all the above options:

TO:HENRY.FORD@TT.DK'SEMICOLON'TOMMY.HANSEN@TT.DK  
CC:HENRIK.MUNCH@TT.DK  
SUBJECT:TEST MESSAGE.

Test of the message

Regards, TIM

## **4. MARLINK LES CODES**

### **4.1 Teleport Norway EIK**

AORW 004

AORE 104

POR 204

IOR 304

### **4.2 Teleport France AUSSAGUEL**

AORW 021

AORE 121

POR 221

IOR 321





## 5. NEED SUPPORT?

If you have any questions, please contact your Key Account Manager or Marlink Service Desk:

Email:	<a href="mailto:servicedesk@marlink.com">servicedesk@marlink.com</a>
EMEA:	+33 (0)1 70 48 98 98
Americas:	+1 (310) 616-5594
	+1 855 769 39 59 (toll free)
Asia Pacific:	+65 64 29 83 11