User Manual

SkyFile C
E-mail

Content

SkyFile C enables Inmarsat-C mobile users to send and receive emails as well as GSM-short messages (SMS).
No extra hardware or software is needed on the vessel and either on the shore side.

There are three kinds of communication available:

1) Unregistered C-terminals: C-terminals can send emails and SMS to any terrestrial email or GSM-mobile worldwide. Shore-to-ship emails will not be charged to the unregistered C-terminal.
2) Registered C-terminals: C-terminals can send AND receive emails as well as SMS to and from all terrestrial emails and GSM-mobiles worldwide. All ship-to-shore and shore-to-ship traffic will be charged to the registered C-terminal. The registration assigns an email-address like myvessel@skyfile-c.com to the C-terminal. Unwanted messages can be avoided by choosing the so-called black&white list, subject keyword or message-size limitation.
3) Registered terrestrial email-address: the registered terrestrial email address is able to send emails to all C-terminals worldwide. The traffic will be charged to the terrestrial email-address user.

The following description gives an overview of how to use these three kinds of communication:

1. Unregistered C-terminals

1.1 Sending an email:

The following syntax must be used to send an email. The format must be respected. The parameters must be inserted at the beginning of the text (Inmarsat-C text editor) without any characters before.

TO+ info@charterer.com,question@owner.com	Several email-addresses should be inserted. They must be separated by a comma ",". Only the TO+ command is mandatory.

Following ones are optional.

CC+ private@yahoo.com	Carbon Copy
BCC+ friends@free.com	Blind Carbon Copy
CONF+	Confirms that the email has been delivered to the Internet
SUBJ+	Subject line

Now you can start the text.

        <Text>

The return-address of your email will be for instance 422799267.inmc@skyfile-c.com, thus your C-terminal can always be identified.

1.2 Sending an SMS:

SMS+ 0033688051602	An SMS can only be sent to one GSM-telephone number
CONF+	(optional) confirms that the SMS has been delivered to the GSM-network.

        <Text of the message>

A ship-to-shore SMS will amount to the normal charge for an email plus one Inmarsat C-segment.

These messages have to be sent to Vizada Land Earth Station, using the Special Access Code "**28**" via the following Vizada LES-Ids

021: AORW	**121: AORE**	**221: POR**	**321: IOR**

2. Registered C-Terminals:

2.1 Sending an email or SMS from the C-terminal
Procedure follows instructions given in chapter 1.1 and 1.2 (see above). The return address of emails will be the assigned email-address, e.g. myvessel@skyfile-c.com

2.2 Sending and email to the C-terminal
Shore-to-ship emails have to be addressed to the email-address assigned to your C-terminal (e.g. myvessel@skyfile-c.com)
6 different ways of addressing can be used alternatively according to your needs.

2.2.1 Standard format:

myvessel@skyfile-c.com

Your email will be delivered onboard with a standard format including header (from, date, time, subject) + the text of your message.

2.2.2 Text format:

myvessel.**txt**@skyfile-c.com

Your email will be delivered onboard without the header. Only the text of your email will be transmitted. (Do not forget to sign your message or indicate inside where the message come from)

2.2.3 Telex format:

myvessel.**tlx**@skyfile-c.com

Your email will be delivered onboard without the header and in 5bits-telex format.
Emails in telex format will save even more costs, as in 5-bit mode 51 characters instead of 32 will be transferred in one data-segment. Only capital letters, numbers and a limited number of special characters will be transferred.

2.2.4 Attachment:

myvessel.**dat**@skyfile-c.com

It is possible to send an attachment to a C-terminal. The ".dat" syntax is mandatory to send an attached file. The C-terminal will receive 2 text-messages: the first text-message contains the email header and text in 7bits mode, the second text-message contains the attachment in .txt 8bits-mode.

2.2.5 Attachment without header:

myvessel.**dan**@skyfile-c.com

In that case the attachment will be transferred onboard the vessel without the leading message. Only the attachment in 8bits-mode will be received.

2.2.6 Special characters:

myvessel.**da8**@skyfile-c.com

This special format should be used to send special characters in 8bits-mode.

2.3 Sending an SMS to the C-terminal

Send your SMS with "username: text of the message" in the SMS-message text and send it to the SkyFile SMS gateway number +491709127629. In case you want to reply to an SMS received from the vessel, just push "reply". Entering the username is not necessary as the destination is stored in our SkyFile SMS-gateway.

3. Registered terrestrial email address:

Sending an email to the C-terminal
Emails to any C-terminal worldwide can be sent via the address: "C-IMN.xxx@skyfile-c.com"

6 different ways of addressing can be used alternatively according to your needs.

3.1 Standard format:

422799267.**inmc**@skyfile-c.com or 422799267@skyfile-c.com

Your email will be delivered onboard with a standard format including header (from, date, time, subject) + the text of your message.

3.2 Text format:

422799267.**txt**@skyfile-c.com

Your email will be delivered onboard without the header. Only the text of your email will be transmitted. (Do not forget to sign your message or indicate inside where the message come from)

3.3 Telex format:

422799267.**tlx**@skyfile-c.com

Your email will be delivered onboard without the header and in 5bits-telex format.
Emails in telex format will save even more costs, as in 5-bit mode 51 characters instead of 32 will be transferred in one data-segment. Only capital letters, numbers and a limited number of special characters will be transferred.

3.4 Attachment:

422799267.**dat**@skyfile-c.com

It is possible to send an attachment to a C-terminal. The ".dat" syntax is mandatory to send an attached file. The C-terminal will receive 2 text-messages: the first text-message contains the email header and text in 7bits mode, the second text-message contains the attachment in .txt 8bits-mode.

3.5 Attachment without header:

422799267.**dan**@skyfile-c.com

In that case the attachment will be transferred onboard the vessel without the leading message. Only the attachment in 8bits-mode will be received.

3.6 Special characters:

422799267.**da8**@skyfile-c.com

This special format should be used to send special characters in 8bits-mode.
4 email with attachment.

Here is an example of how an email with attachment is received on the C-terminal:

Heading message :
> *Vizada*
> *Bytes: 236*
> *From: "Vizada Customer Support" <mobilesat@vizada.com>*
> *Subject: test*
> *Date: Fri, 30 Jun 2006 14:20:09 +0200*

> *This is a test message*
> *Vizada Team*
> *Attachments*
> *05042703.grb.gz (195 Bytes)*

Attachment :
‹   4oB 20050427064118.grb s òtb`¨cd` aeý @1" ‹•Eš   Q…   DÁ¤ Ã   v œåÃ <§ ¡o
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O*ƒ*£ Õ ;   *ƒ*!0B;0ÌÈÅ9&Ñ:®ï¢ŒOí‰g%, Y+¿½ˆc0   w4Û•¨c;Ë!Î>CŽ0Ÿœ€ôŒ g[CEe3%aNÛ:)
n ÑÌ `Û   h«ðü

The attachment can not be read directly from the C-terminal itself. It should be necessary to rename the file and add the correct extension.
Depending of the software used onboard, you need to retrieve the message in the folder where it has been stored. If you are using a Thrane&Thrane C-terminal the reception folder is situated under C:\program files\Easymail\inbox.
Select the 8bits-format message and rename it with the extension mentioned in the heading-message. In our example, the attachment should be renamed "meteo.bz2".
Double-click on the renamed-message. The appropriate tool is automatically opened and the attachment immediately readable.

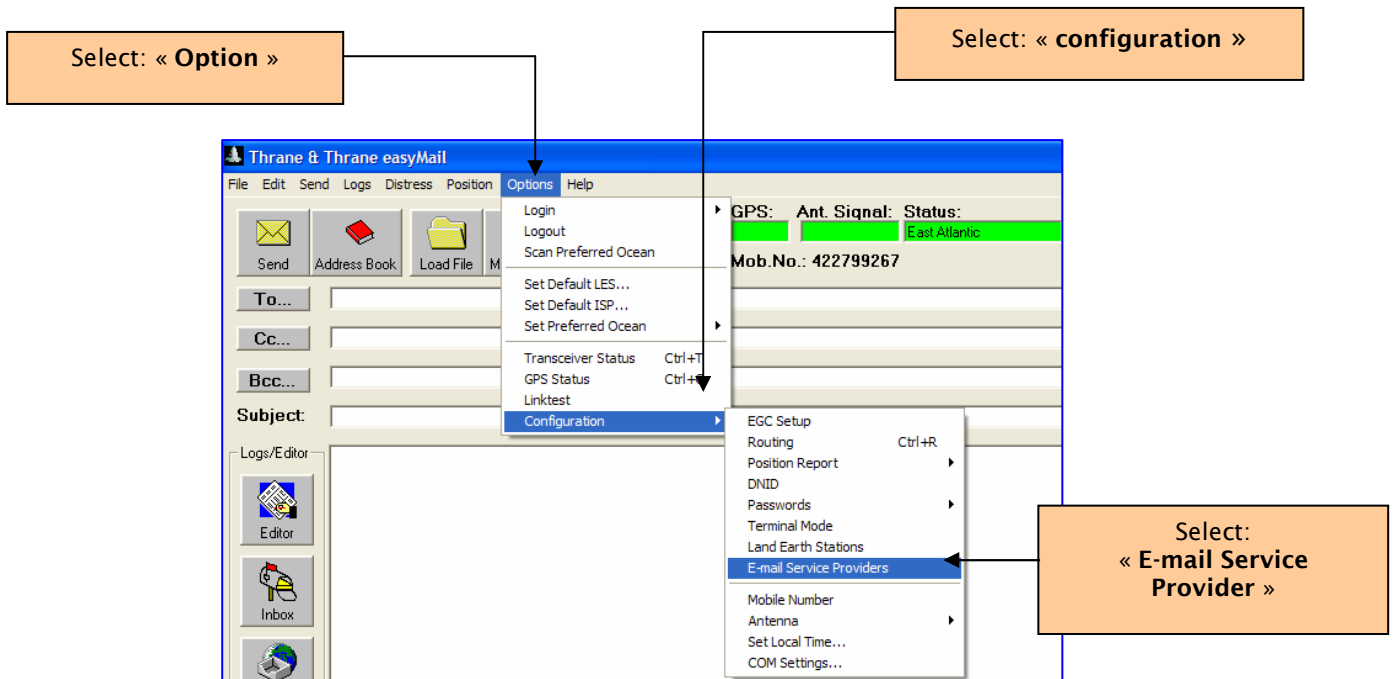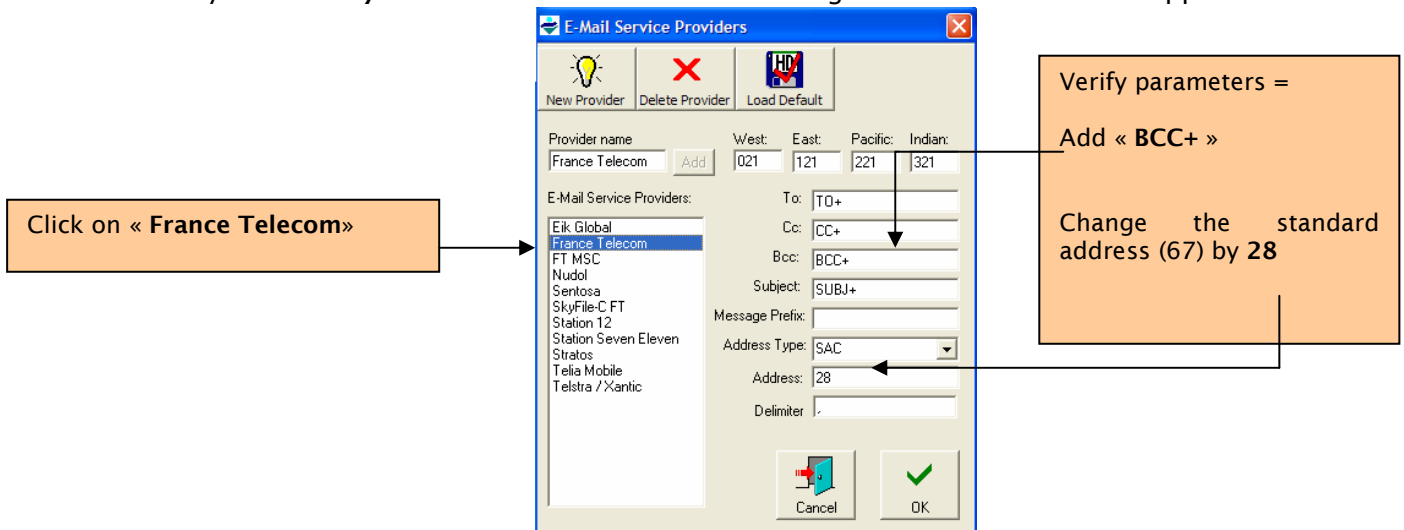# 4. How to send an email from:

4.1 T&T Easymail C-terminal?

Before sending an email over Vizada LES, it is necessary to configure Easymail software.
Please double-check the 3 following menus:

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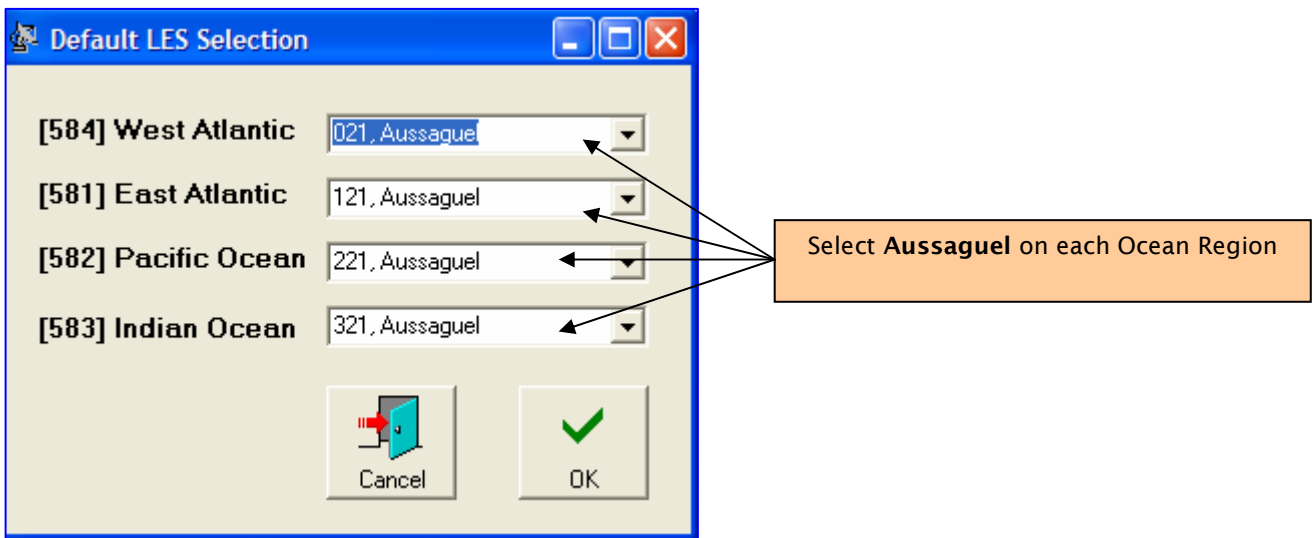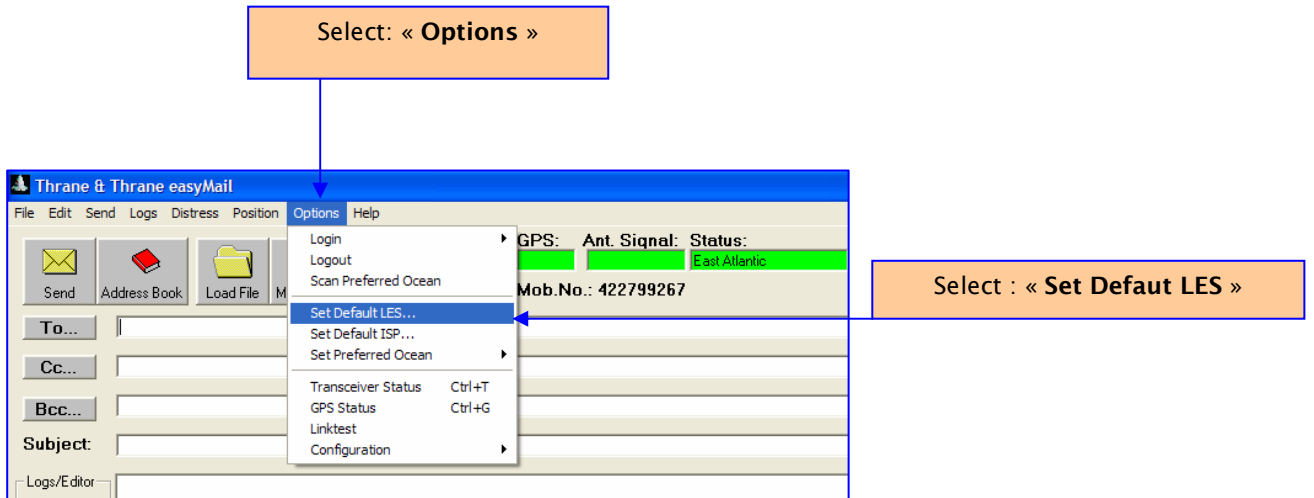- **Default LES**
- **Default ISP**

4.1.1 E-mail Service Provider

Select: « **Option** »

Select: « **configuration** »

Select:
« **E-mail Service Provider** »

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

Click on « **France Telecom**»

Verify parameters =
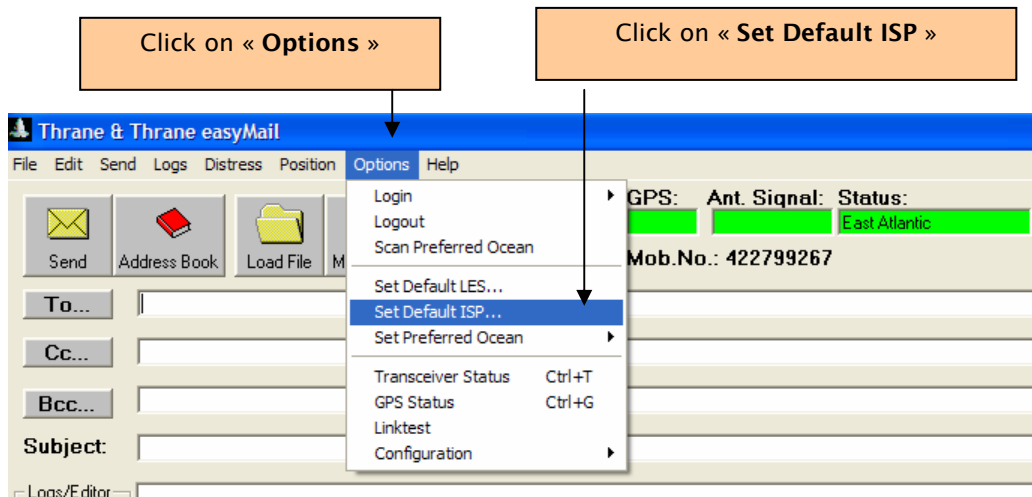
Add « **BCC+** »

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.

4.1.2 Set default LES

Select: « **Options** »

Select : « **Set Defaut LES** »

Select **Aussaguel** on each Ocean Region

4.1.3 Set default ISP

Click on « **Options** »

Click on « **Set Default ISP** »

Verify that France Telecom is selected as « **Default ISP** »

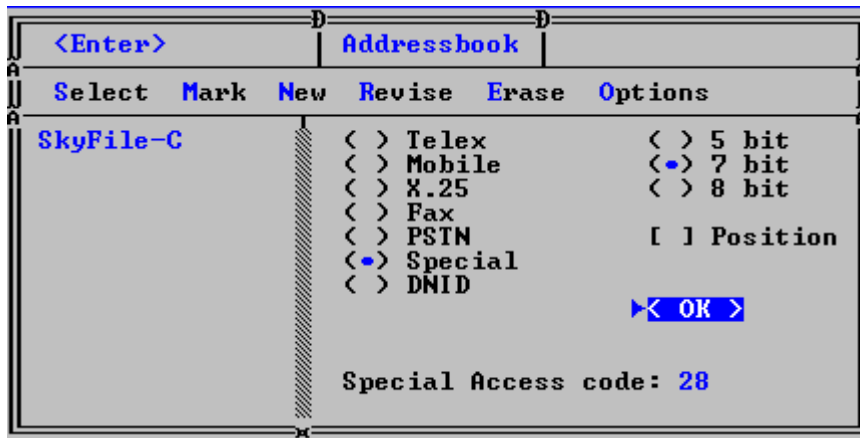Or **FT SkyFIle C** if you use EasyMail V1.12 and following
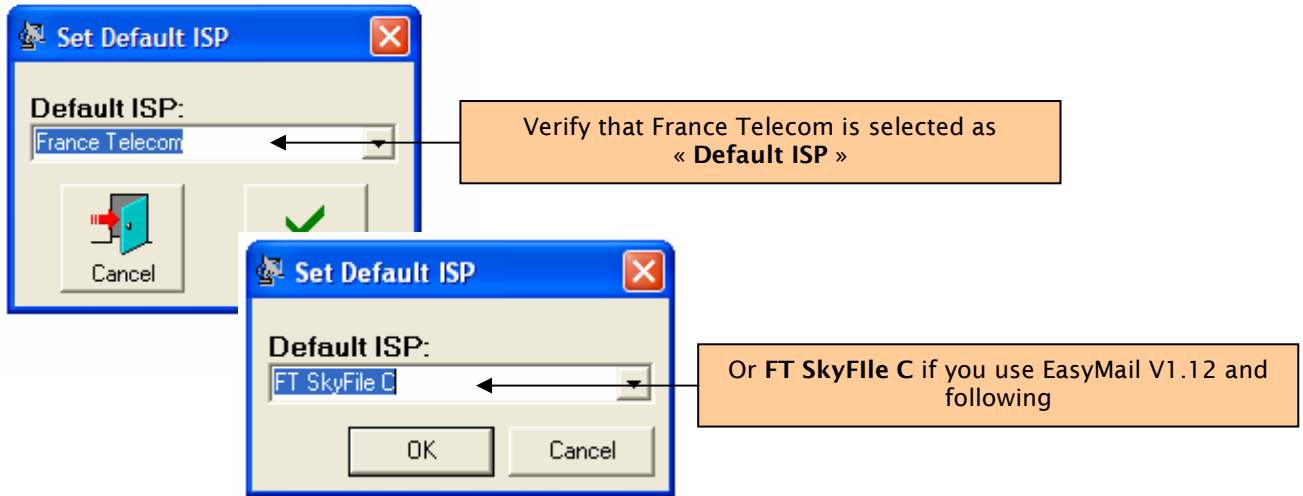
4.2 T&T CapSat C-Terminal?

4.2.1 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"

4.2.2 Sending an email

Prepare you 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 reading please select "Transmit".

4.2.3 Select Vizada LES

Before sending your email, please verify all parameters:
- Alias: SkyFile-C
- Special Access Code: 28
- Format: 7bit
- LES: Aussaguel or France Telecom

VIZADA

4.3 Furuno C-terminal?

4.3.1 LES and SAC configuration

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

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

For Atlantic Ocean Region West	select **021**
For Atlantic Ocean Region East	select **121**
For Pacific Ocean Region	select **221**
For Indian Ocean Region	select **321**

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**" Vizada, "**LES ID**" as per table above, "**Confirmation**" optional.

4.3.2 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

Example: TO+ customercare.europe@vizada.com

For multiple addresses, please use CC+

Example: TO+ customercare.europe@vizada.com
                CC+ myfriend@vizada.com
                CC+ mysister@vizada.com

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

Example: TO+ customercare.europe@vizada.com
                CONF+

For subject, please use SUBJ+

Example: TO+ customercare.europe@vizada.com
                SUBJ+ this is a test message

For SMS, please use SMS+

Example: SMS+ +33688056789

4.4 JRC C-Terminal?

4.4.1 LES and SAC configuration

To send an e-mail from a c-unit **JRC**, please select Vizada 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 **021**
For Atlantic Ocean Region East	select **121**
For Pacific Ocean Region	select **221**
For Indian Ocean Region	select **321**

4.4.2 How to send a message?

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

TO+ receivername@domainname.com

Example: TO+ customercare.euorpe@vizada.com

For multiple addresses, please use CC+

Example: TO+ customercare.europe@vizada.com
              CC+ myfriend@vizada.com
              CC+ mysister@vizada.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+ customercare.europe@vizada.com
                   CONF+

For subject, please use SUBJ+

Example: TO+ customercare.europe@vizada.com
                   SUBJ+ this is a test message

For SMS, please use SMS+

Example: SMS+ +33688056789

For more information please contact us at:
+33 (0)5 61 28 89 99 **or send a mail to** customercare.europe@**vizada.com**
Internet: www.vizada.com