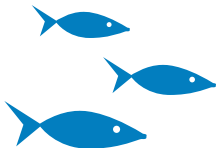




EntelNet



VMS Tracking

(Single Band - Cellular ETERM-C)

ISO442 rev C, 05/2021

Notice - The FB ETERM-C™ VMS system is only an aid to operation of a boat. The performance of the system and the system performance specifications can be affected by many factors including but not limited to equipment failure, environmental conditions, improper installation, handling and/or use.

This device should not be used for any navigational or safety purpose. The FB ETERM-C™ VMS is used at your sole risk and in no event shall Faria Beede Instruments, Inc. be liable for any costs, losses, liabilities, damages, expense or claims of any nature incurred or sustained in respect of this device or its use. You further indemnify and hold harmless Faria Beede Instruments, Inc. from any liability or loss resulting from use of the device.

Parts List

PART #	DESCRIPTION	QTY.
ID9008	Faria Beede ETERM-C™	1
HN9112	ETERM-C Power harness	1
BK0143	VESA 75mm Folder Bracket, ETERM	1

System Information

- The FB ETERM-C™ is designed for fast and easy installation on any size boat.
- The system has internal GPS and GSM antennas, so no external antenna or connections are required.
- The FB ETERM-C™ VMS contains an internal back-up battery that will provide up to 8 hours of service if main power supply is lost.
- The system can be installed on either 12 or 24 vdc and will operate from 9 to 36 vdc.
- Our products can comply with ISO7637 12V system grade IV, 24V system grade IV

In the ISO 7637, we can comply with 5 a partial standard 4 Ω 350 ms.

Installation Instructions

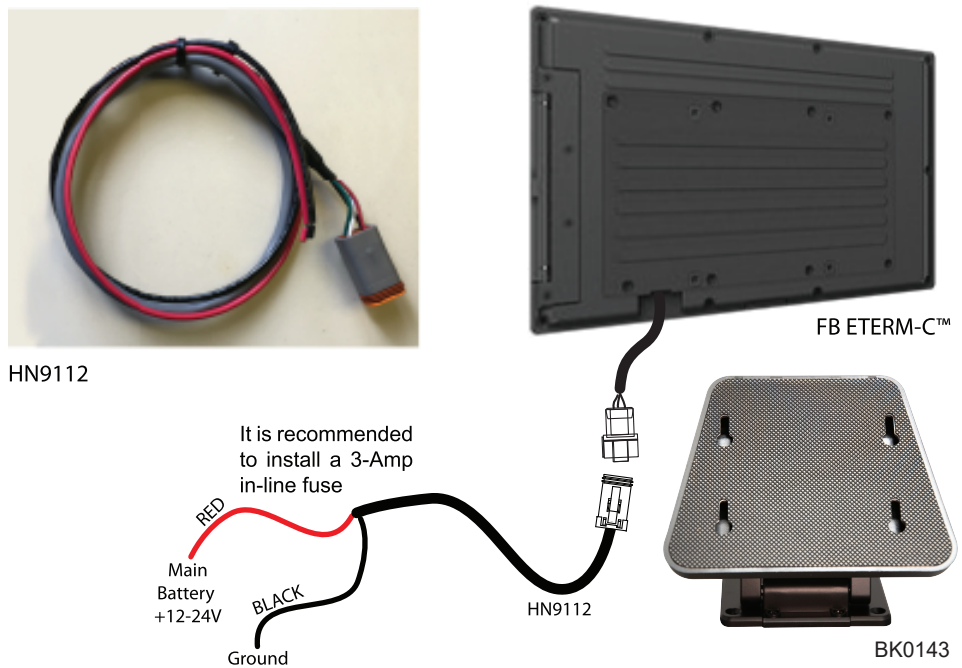
1. Find a location for the FB ETERM-C™ VMS to be installed that will have a clear view of the sky and that is convenient for the vessel operator to send and receive e-mails and e-forms, and to see system status.

2. The system will transmit through fiberglass. For a metal vessel install the unit near a window.

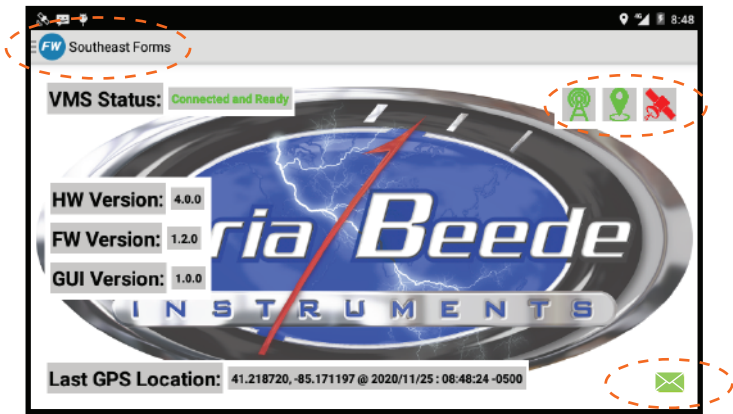
3. Connect the system to an unswitched 12 or 24-volt power source. NOAA requirements are that the system must be power and reporting 7 by 24. The system's back-up battery will provide for up to 8 hours of hourly reporting. All complete power downs are reported to NOAA.

The device should start up once connected to a power source.

Harness Connection and Mounting



Main Screen - Reports and Email



After the unit is finished powering up you will see the FB ETERM-C™ landing screen appear.

This is the main screen from where you can see the **device communication status**, as well as access **Southeast Forms** and your **email services**.

To access this screen at any other time from the FB ETERM-C™ Android desktop, just press the **FW** Southeast Forms icon

Operation

External Button Functions

	Sleep / On / Off Button	Press and release to put unit to sleep Press and hold to power off or reboot
	Access the desktop	Use to access Android desktop
	Quick-menu	Access menu items when available
	Previous/Back	Returns to previous screen

Communication Status Icons

	Cellular Service Status	Indicates cellular connection
	GPS Position Status	Indicates GPS active or not
	Satellite Communication	Satellite is not supported

Accessing Forms, Reports, etc.

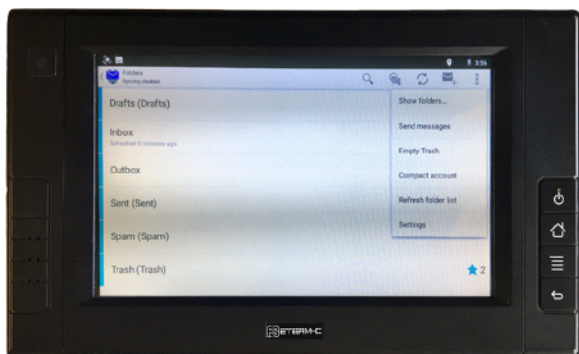


Note: Be sure you are connected to cellular and GPS before entering forms or sending e-mail.

Press the **Southeast Forms** icon on the upper left of the screen to enter your fisheries information.

Pressing the **FW Southeast Forms** icon brings will open up the menu from which you can enter your daily report, access forms, GPS position, and all other Form features.

Accessing and using Email



K-9 Mail



From the FB ETERM-C screen press the e-mail icon (envelope) on the bottom right side of the screen.

From the Android desktop press the K-9 Mail icon

 Search e-mails  Refresh Inbox  Sort e-mails by  Additional Options

The K-9 Mail application will open and the screen will show your in-box. You are now ready to send and receive e-mail.

Writing and Sending an e-mail:

1. Press the + icon to start a new e-mail.
2. Enter the e-mail address(es) of the recipient(s) either by typing them or by pressing the quick menu  icon to Add from Contacts.
3. Enter subject and message text.
4. To send your e-mail press the  icon.

Managing Email Contacts:

From the Android desktop:

1. Press on the  icon
2. Your Contacts will open.
3. Press on the  icon to add new contacts.
4. Press on the  arrow icon to finish and save your contact.
5. Press on the  icon to delete contact.

The next section of this manual will detail how to log on to and manage your vessel from the VMS tracking web console.

LOG ON to:

www.vmstracking.com

Use the e-mail address and password you supplied when registering your FB ETERM-C™ VMS purchase prior to installation.

Now that you have successfully logged onto your vessel's web page, you can begin to navigate through all of the features of the FB ETERM-C™ system. When you finish with this section you will have:

1. Set-up your lists of persons to be notified in the event assistance is required from your vessel, who will be notified of a low battery condition, and who you would like to get your vessel's daily report.
2. Become familiar with all of the options available to you within your web page.

The first thing you will see after logging into the www.vmstracking.com web site using your User log-in and password, will be the "Vessel Status" page.

Vessel Status

The "Vessel Status" page gives you all of the information available from your FB ETERM-C™ system.

Status Bar

Located on the at the top of the page, this gives you a snapshot of information regarding your vessel. This information includes the following:

Speed

This is the last reported speed, in MPH, of your vessel.

Heading/Direction

This is the last reported heading, or direction, of your vessel.

Lat & Lon

Shows your vessel's coordinates.

Last Position

This is the date and time of the last position reported of your vessel.

Map

The map shows you a graphical representation of your vessels location. You can change the view from Map to Satellite or a combination of both (Hybrid) by pressing the  tab on the right-hand side of the screen.

On each of the maps you can use the Zoom tool bar to zoom in or out of any map. Or you may click on the map to drag the view to other areas. The map will reposition itself.

Message Log

This page will list all of the messages that have been sent and received by your FB ETERM-C™ System.

You may select how much information you would like the page to display by selecting from the options in the drop down box. You may select "TODAY," "YESTERDAY," "LAST WEEK," "LAST MONTH" or "ALL."

Position Log

Click on the "Position Log" button.

This screen will give you access to the exact latitude and longitude of your vessel as reported by the Faria FB ETERM-C™ system. You can select the amount of information you wish to have displayed on this page by selecting from the options in the drop down box.

Alert Status

The boxes on the bottom of the page, under the map, show your Main Battery Voltage, and your Assistance Notification.

The smaller boxes indicate if the sensors are Active, Inactive, in Alert Mode or OK.

Settings

You can control various alerts in "Settings". Press "Settings" located to the far right in the menu below the status bar.

Begin by selecting the Time Zone that your vessel will be operating in. Next, enter the time you would like your daily report e-mailed to you.

Battery Level Alerts

An alert will be sent via e-mail or cell phone, as requested in the set-up page (see Notifications, below), if the voltage level in the main battery is at 11.6 volts or lower for more than 10 continuous minutes.

Make sure the ACTIVATE SENSOR is checked next to the Main Battery sensor box.

When completed click on the "Save Changes" button at the bottom of the page.

E-mail and Phone Lists

Click on the "Update Lists" button located in the menu bar of the web page.

In this section you can enter the e-mail addresses and phone numbers of the people you wish to be notified for a Daily Report, Low Battery Alert, or Assistance request.

Alert List

Enter the e-mail addresses and phone numbers that you would like to have your low battery alert sent to. (DO NOT ENTER DASHES BETWEEN NUMBERS i.e. 1234567890)

If the Activate Sensor has been checked on your FB ETERM-C™ Settings page, the FB ETERM-C™ system will send out an alert when the voltage is 11.6 volts or lower to each e-mail address and phone number in the "Alert" list.

When you have finished entering all of the contacts, click on the "Save Changes" button to save your information. Then click on the "OK" button to confirm that your changes have been saved.

You can make changes to any of the lists at any time. Remember to click on the "Save Changes" button each time you make a change in order to save the new information.



The Vessel Monitoring System (VMS) Reimbursement Program

The Pacific States Marine Fisheries Commission in collaboration with the NOAA's Office of Law Enforcement (OLE) distributes reimbursement funds to eligible, VMS equipped, confirmed vessel owners and operators.

For more information and to download a VMS Reimbursement Request Form, click or visit the link below:

<https://www.psmfc.org/program/vessel-monitoring-system-reimbursement-program-vms>

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FCC Notice – This MTU system complies with Parts 15 and 80 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference. Changes or modifications to this equipment not expressly approved in writing by the Faria Beede Instruments, Inc. could violate compliance with FCC rules and void the operator's authority to operate this equipment. An FCC Ship's Radio License and Operator's License are not required for use of the VMS system.

FB ETERM-C™ is a trademark of Faria Beede Instruments, Inc.

All brand names and trademarks are the property of their respective owners.

If you have any questions or need technical support call 877.888.5569, 860.848.9271
or e-mail us at techsupport@fariabeede.com.

www.FariaBeede.com