W W W . A C R A R T E X . C O M



AISLInk CA2



AIS Class A Transceiver INLAND WATERWAYS SUPPLEMENT

912S-3489 Y1-03-0363 Rev. A



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ADDITIONAL INFORMATION CA2 INSTALLATION MANUAL CA2 USER MANUAL CA2 QUICK REFERENCE GUIDE

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AISLink™ CA2 User Manual

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1. GENERAL INTRODUCTION

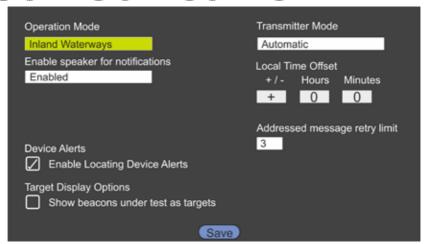
1.1 Operating Modes

The CA2 AIS Transceiver can be operated either in SOLAS or Inland Waterways mode.

The default operating mode is SOLAS and the Inland Waterways mode must be selected via the menu system.

1.2 Selecting Inland Waterways Mode

1.2.1 Settings System General :



Select Inland Waterways in the Operation Mode box and then save the selection.

Save will return you to the Map page.



1.3 Blue Sign switch

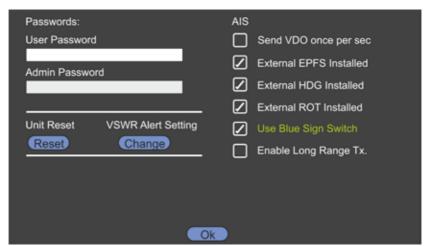
1.3.1 Installing the Blue Sign Switch

See the CA2 Installation Manual Section 2.3.6 (page 15) for wiring details. A latching switch must be connected to the Blue Sign terminals in the rear of the CA2.

1.3.2 Activating a Blue Sign switch

For the Blue Sign switch to operate it must be activated in the system's Advanced Settings.





Ensure the check box for use Blue Sign Switch is checked.

Check the operation of the Blue Sign switch by checking the icon at the bottom of the screen:



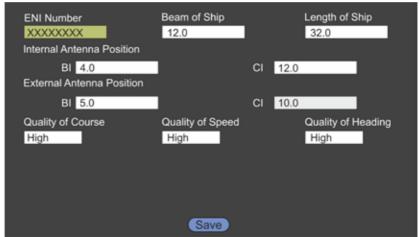


2. VESSEL DATA

Different static and voyage data is required for operating in Inland Waterways. Once Inland Waterways mode is selected the data can be entered directly.

2.1 Inland Static Data

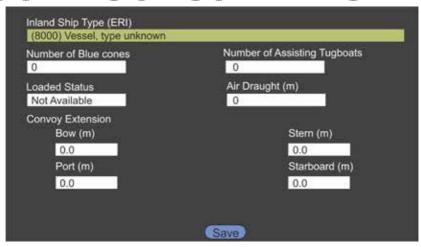




| ENI Number | Unique European Vessel Id | dentification Number |
|--------------------------------------|---------------------------|------------------------|
| Beam of Ship | BS (X.Xm) | ▲ |
| Length of Ship | LS (X.Xm) | |
| Internal Antenna Position | BI and CI (X.Xm) | |
| External Antenna Position | BI and Ci (X.Xm) | |
| | | BI GNDSS ANTENNA CI BS |
| Quality of Course, Speed and Heading | High / Low | |







| Inland Ship Type (ERI) | Electronic Reporting Interr | national |
|---------------------------------|-----------------------------------|----------|
| Blue cones | 0, 1, 2, 3, B-Flag | |
| Number of Assisting Tugboats | 0, 1, 2, 3, 4, 5, 6, Un- known | |
| Loaded Status | Loaded, Unloaded | |
| Max Draught | (X.XXm) | |
| Convoy Extension | | EA EB |



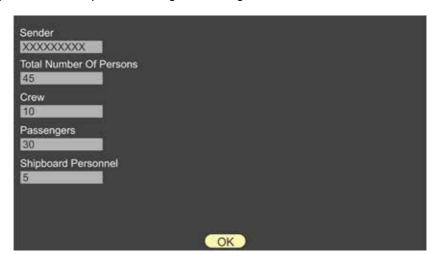
3. INLAND WATERWAYS MESSAGES

3.1 Incoming Messages

On receipt of an Inland Waterways Message a pop-up will appear



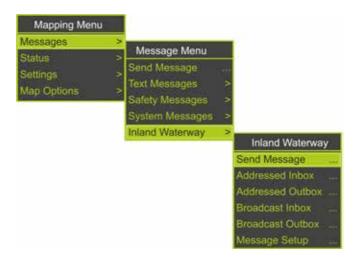
Pressing Read Now will open the message for reading.



Pressing Read Later will remove the pop-up leaving the message icon in the bottom panel.



Additional Menu items are added to the system for Inland Waterways operation.



3.2 Send Message -



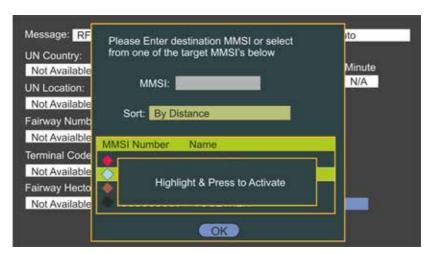




| Message | RFM21 - ETA* RFM55 - POB IFM16 - POB* | The type of message you wish to send |
|---------|---|---|
| Туре | Broadcast Addressed | Whether you wish to send a message to a specific recipient or to everybody within range |
| Channel | Auto Channel A Channel B Both | |

^{*} Messages must be Addressed

When selecting an Addressed message a pop-up will be displayed



Press to order vessels in the list by MMSI Number, Age of Target reception, Name of Vessel or Threat (TCPA/TCPA) then use and to highlight the chooser.

Use \bigodot and \bigodot to select the required vessel from the list and \bigodot to click OK .





and displays the keyboard pop-up to enter the required message content.

Information required for the different messages is:

| RFM21 - ETA | UN Country UN Location Fairway Number Terminal Code Fairway Hectometre ETA at Lock/Termina/Bridge Number of Assisting Tugboats Air Draft (m) | |
|-------------|--|--|
| RFM55 - POB | Crew Members Passengers Shipboard Personnel | |
| IFM16 - POB | Total Number of Persons | |

When everything is correct select "Send" and press e.



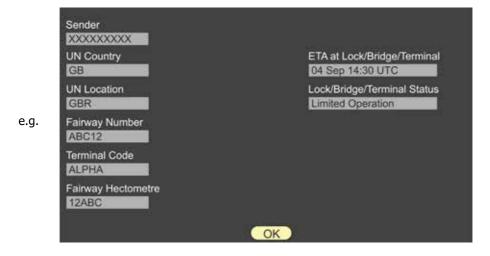
3.3 Message Boxes

3.3.1 Addressed Inbox



|)ate | Sender | Message | Status |
|------------------|-----------|-------------|--------|
| 0/08/19 14:21:59 | XXXXXXXXX | RFM55 - POB | Unread |
| 7/08/19 14:00:04 | XXXXXXXXX | IFM16 - POB | Read |
| 7/08/19 14:40:06 | XXXXXXXXX | RTA | Read |
| 5/08/19 10:19:56 | XXXXXXXXX | IFM16 - POB | Read |
| 0/08/19 04:31:12 | XXXXXXXXX | RFM55 - POB | Read |
| | | | |
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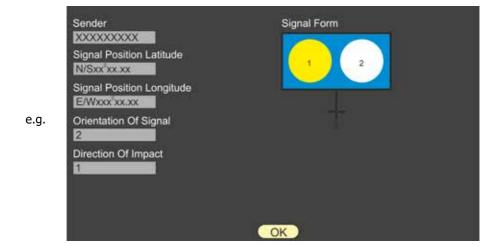
Use 🛈 to select then 🕶 to read a message.



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Sender XXXXXXXXX **UN Country Code** GB Gauge ID 1 Water Level 1 +12.34 m e.g. Gauge ID 2 Water Level 2 +18.78 m Gauge ID 3 Water Level 3 3 -15.04 m Gauge ID 3 Water Level 3 Unknown OK

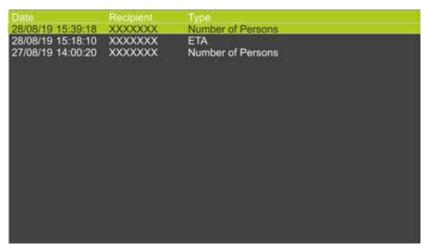


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3.3.2 Addressed Outbox

Messages Inland Waterways Addressed Outbox



3.3.3 Message Setup

To allow for a swift response to a request for information it is possible to pre-populate information for the RFM21 - ETA and RFM55 - POB messages.





Select the message and use \bigcirc , \bigcirc and the pop-up keyboard to enter the required data.



e.g.

Select and press Save to enter the data.





AIS LINK CA2

ACR ELECTRONICS, INC.

5757 Ravenswood Rd. Fort Lauderdale, Florida 33312 - USA