

# FURUNO

**AIS**  
Automatic Identification System



Model:  
FA-170

# The FURUNO FA-170 AIS presents data for collision avoidance with its easy-to-use interface

**AIS**  
Automatic Identification System



- ▶ Class A AIS transponder
- ▶ Clear 4.3" color display
- ▶ Displays information about the AIS-equipped ships, as well as, coastal stations and Aids to Navigations within VHF coverage
- ▶ Outputs AIS data to ECDIS, radar and other navigational equipment for collision avoidance support
- ▶ Sufficient output ports for dual configuration of ECDIS and radar system
- ▶ LAN interface available for efficient network integration into a bridge system
- ▶ BAM (Bridge Alert Management) ready  
Meets the specific requirements for alerts and interconnection with Bridge Alert Management as specified in IMO MSC.302 (87).
- ▶ Optional pilot plug available
- ▶ Receives AIS-SART signals for assisting in streamlining SAR activities

## Plotter display



Displays symbols for AIS-equipped ships, base stations, AIS-SARTs, and so on. When you select a certain target, the information about the ship (MMSI (or name, when available), heading, SOG, COG, etc.) is displayed.

### AIS symbols

- Own ship symbol
- Target
- Selected target

- AIS base station
- Aid to Navigation (physical)
- Aid to Navigation (virtual)

- AIS-SART/AIS MOB/EPIRB-AIS
- SAR aircraft
- SAR vessel

## Target list

The FA-170 can store up to 2048 AIS targets and AIS-SARTs.

NAME/MMSI/TYPE	RNG(NM)	BRG(°)	AGE(')
300000001	1.0	000.0	1
DUMMY_NAME_NO. 2	1.1	010.0	2
DUMMY_NAME_NO. 3	1.2	020.0	3
BS:300000004	1.3	030.0	4
{SAR/AIRCRAFT}	1.4	040.0	5
{SAR/YESSEL}	1.5	050.0	6
300000007	1.6	060.0	7
DUMMY_NAME_NO. 8	1.7	070.0	8

### Quick-access functions

When you select one target from the list and press [ENT] key, the pop-up window is generated.

FUNCTION
NEW MSG
VIEW DETAIL
SORT (NORMAL)
NAME REQUEST (DANGER)

The FA-170 displays the detailed information on the selected target. Also, you can create an AIS message or send a name request to the target ship.

## Dangerous target list

The dangerous target list displays the name and particulars of targets classified as dangerous targets.

## Own ship information

Displays own ship's position, heading, ROT, COG, SOG, destination, ship size, MMSI, name, and so on.

When you enter the voyage-related data, you can select a destination from the list. Up to 20 destination names can be preset on the list. Cut, copy and paste functions are available while editing the list.

## Alert list

Displays all (current and past) alerts

## Short safety-related messages

Short safety-related messages can be exchanged with a specified MMSI or all AIS-equipped ships via VHF channels. The FA-170 can store up to 20 transmitted, as well as up to 20 received messages.

When you select one message and press [ENT] key, the pop-up window is generated where the message contents can be viewed and reply messages can be created for transmission.

