

# TEST MODE OF LOCATING DEVICE ON AIS

Locating device :

AIS-SART, MOB-AIS, EPIRB-AIS

According to IEC 61993-2-2018:

*The testing (including type approval testing) of a locating device should not be displayed or output on the PI during normal operation.*

If you want to show it on NSI-1000, you can open the test mode at [MENU]->[VOYAGE SETTING]->[SETTING]->[LOCATING DEVICE]->[TEST] to [ON]

## 8.6.2 LOCATING DEVICE

[ LOCATE DEVICE ]	
TEST	OFF
ALERT	ON
BACK	

[TEST] When test mode is turn off, AIS will not receive locating device in test mode.

[ALERT] When ALERT is turn off, AIS will disable “Active locating device” alert function.

For AIS transponder from other manufacture, please check the user manual to change the locating device setting.

scrolling of bearing and range and time elapsed is not allowed. The title of display data shall be visible.

- Display of status information and display of alert information in accordance with IMO MSC.302(87).
- Display of all configuration parameters without need of entering a password.

All characters, except trailing @ signs, shall be displayed (see Table 47 of ITU-R M.1371-5:2014).

By default, the target list is auto-sorted in ascending range. All active locating devices shall be displayed in ascending range above other targets.

The time out value for target display, other than locating devices, shall be 7 min. For active locating device, the time out value shall be 18 min. The time out value for storing the static target data shall be 18 min.

It may be possible to filter the presentation of AIS targets (for example, by target range, CPA/TCPA or AIS target class A/B, AIS AtoN, etc.). If additional filtering or grouping is supported, the manufacturer should document this functionality as an option. If display equipment provides facilities for the calculation of CPA/TCPA, then the facilities should comply with the relevant clauses of IEC 62388. If a filter is applied, then there shall be a clear and permanent or persistent indication for the application, as appropriate. The filter criteria in use shall be readily available to the user (i.e. range, CPA/TCPA, class).

It shall not be possible to remove individual AIS targets from the presentation.

The active locating devices shall be displayed on the top of the target list. **The testing (including type approval testing) of a locating device should not be displayed or output on the PI during normal operation;** however the AIS should have the capability to display and output on the PI the locating devices in test mode during periodical testing of own ship's locating devices.

The active and testing locating devices are identified according to Table 10 to Table 12.

**Table 10 – Identification of locating devices when active**

	AIS-SART	MOB-AIS	EPIRB-AIS
Identity range	970010000 to 970999999	972010000 to 972999999	974010000 to 974999999
NavStatus of Message 1	14	14	14
Name in the target list	AIS SART	MOB AIS	EPIRB AIS
BIIT ID	14	14	14

**Table 11 – Identification of locating devices when in test mode**

	AIS-SART	MOB-AIS	EPIRB-AIS
Identity range	970010000 to 970999999	972010000 to 972999999	974010000 to 974999999
NavStatus of Message 1	15	15	15
Name in the target list	SART TEST	MOB TEST	EPIRB TEST