



AUTOMATIC IDENTIFICATION SYSTEM (AIS) – TEST REPORT
(The AIS has been tested according to IMO SN/Circ.227, Res. MSC.74(69), Annex 3 and MSC.1/Circ.1252)

Name of Ship:

Port of registry:

MMSI Number:

Call sign:

IMO Number:

GT:

Date on which the keel was laid:

1 Satisfactory

0 Not satisfactory

2 Not applicable

Entries in boxes below

1. INSTALLATION DETAILS	
1.1 AIS transponder type:	
1.2 Type approval certificate (to be checked during the first survey after the installation, only)	<input type="checkbox"/>
1.3 Initial installation configuration report on board?	<input type="checkbox"/>
1.4 Drawings provided? (Antenna, AIS-arrangement and block diagram).....	<input type="checkbox"/>
1.5 Main source of electrical power	<input type="checkbox"/>
1.6 Emergency source of electrical power	<input type="checkbox"/>
1.7 Capacity to be verified if the AIS is connected to a battery.....	<input type="checkbox"/>
1.8 Pilot plug near pilots operating position?	<input type="checkbox"/>
1.9 120 V AC provided near pilot plug? (Panama and St. Lawrence requirement)	<input type="checkbox"/>
2. AIS programming – Static information	
2.1 MMSI number	<input type="checkbox"/>
2.2 IMO number	<input type="checkbox"/>
2.3 Radio call sign	<input type="checkbox"/>
2.4 Name of ship	<input type="checkbox"/>
2.5 Type of ship	<input type="checkbox"/>
2.6 Ship length and beam.....	<input type="checkbox"/>
2.7 Location of GPS antenna	<input type="checkbox"/>
3 AIS programming – Dynamic information	
3.1 Ships position with accuracy and integrity status (Source: GNSS).....	<input type="checkbox"/>
3.2 Time in UTC (Source: GNSS)	<input type="checkbox"/>
3.3 Course over ground (COG) (will fluctuate at dockside) (Source: GNSS).....	<input type="checkbox"/>
3.4 Speed over ground (SOG) (zero at dockside) (Source: GNSS)	<input type="checkbox"/>
3.5 Heading (Source: Gyro).....	<input type="checkbox"/>
3.6 Navigational status	<input type="checkbox"/>
3.7 Rate of turn, where available (ROT)	<input type="checkbox"/>
3.8 Angle of heel, pitch and roll, where available	<input type="checkbox"/>

4. AIS programming – voyage related information

- 4.1 Ships draught
- 4.2 Type of cargo
- 4.3 Destination and ETA (at masters discretion)
- 4.4 Route plan (optional)
- 4.5 Short safety-related messages

5. Performance test using measuring instrument

- 5.1 Frequency measurements AIS ch. 1 and 2, GMDSS ch. 70.....
- 5.2 Transmitting output, AIS ch. 1 and 2, GMDSS ch. 70.....
- 5.3 Polling information ch. 70
- 5.4 Read data from AIS.....
- 5.5 Send data to AIS
- 5.6 Check AIS response to “virtual vessels”
- 5.7 Check Error log, if available and access is possible, for entries since last test
- 5.8 Check operation without external GPS by disconnecting antenna

6. “On air” performance test

- 6.1 Check reception performance
- 6.2 Confirm reception of own signal from other ship/VTS
- 6.3 Polling by VTS/shore installation

7. Electromagnetic interference from AIS observed to other installations?

REMARKS:

Place / Date

Stamp

Signature of CRS Surveyor

Place / Date

Stamp

Signature of competent radio expert