# Automatic Identification System (AIS) Test Report Class A

<table>
<thead>
<tr>
<th>Name of ship:</th>
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<tbody>
<tr>
<td>MMSI number:</td>
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<tr>
<td>Port of registry:</td>
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<tr>
<td>IMO or Official Number:</td>
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<tr>
<td>Gross tonnage:</td>
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<tr>
<td>Call Sign:</td>
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<tr>
<td>AIS transponder maker:</td>
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<tr>
<td>AIS transponder model:</td>
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## 1. Installation details

1.1 Knowledge of password (Y/N)

1.2 Type approval marking (Y/N):

1.3 Initial installation configuration report on board (Y/N)?

1.4 Drawings provided (Y/N)? [Antenna-, AIS-arrangement and block diagram]

1.6 Emergency source of electrical power (volts):

1.7 Was battery capacity verified if the AIS is connected to a battery (Y/N)?

1.8 Pilot plug near pilots operating position (Y/N)?

[Panama Canal & U.S. requirement]

1.9 120 V AC provided near pilot plug (Y/N)?

[Panama Canal & U.S. requirement]

## 2. AIS Installation Programming - Static information (Y/N)

2.1 MMSI number

2.2 IMO number

2.3 Radio call sign

2.4 Name of ship

2.5 Type of ship

2.6 Ship length and beam

2.7 Location of GPS antenna(s) (Int and Ext for Class A)

## 3. AIS Installation Set-Up - Dynamic information (Y/N/NA)

3.1 Time in UTC (Source: Internal GPS)

3.2 Ships position with accuracy and integrity status (Source: Internal GPS)

3.3 Course over ground (COG) (will fluctuate at dockside) (ID Source)

3.4 Speed over ground (SOG) (zero at dockside) (ID Source)

3.5 Heading (ID Gyro)

3.7 Rate of turn, where available (ROT)

## 4. AIS User Programming - voyage related information (Y/N/NA)

4.1 Ships draught

4.2 Destination

4.3 ETA

4.4 Navigational status
### 5. Performance test using measuring instrument (Sat / UnSat)

- **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”

### 6. “On air” performance test (Sat / UnSat)

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

Electromagnetic interference from AIS observed to other installations (Y/N/NA?):

### Remarks:

Ext. EPFS Antenna Positions A= B= C= D=

Int. GPS Antenna Positions A= B= C= D=

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**A COPY OF THIS REPORT IS TO BE LEFT ONBOARD THE VESSEL**

The AIS has been tested according to IMO SN/Circ.227 and resolution MSC.74(69), annex 3

<table>
<thead>
<tr>
<th>Name of Radio Inspector</th>
<th>Date and place</th>
<th>Name of Radio Inspector Company</th>
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Inspectors Stamp

Ships Stamp

VESSEL: Retain a copy until next inspection.
INSPECTOR: Retain a copy for seven (7) years.