

AUTOMATIC IDENTIFICATION SYSTEM (AIS) TEST REPORT

AITs-RV Analysis Data - STATIC NON VOLATILE	Document Text Edit Fields - DYNAMIC VOLATILE
Name of ship:	PORT TUG@@@@@@@@@@@@
Call sign:	A001234
MMSI number:	000056789
Port of registry:	<input type="text"/>
IMO Number:	000012345
Gross Tonnage:	<input type="text"/>
Date Keel Laid:	<input type="text"/>
1. Installation details	
Item	Status
1.1 AIS transponder type	<input type="text"/>
1.2 Type approval certificate	<input type="text"/>
1.3 Initial installation configuration report on board?	<input type="text"/>
1.4 Drawings provided? (Antenna, AIS-arrangement and block diagram)	<input type="text"/>
1.5 Main source of electrical power	<input type="text"/>
1.6 Emergency source of electrical power	<input type="text"/>
1.7 Capacity to be verified if the AIS is connected to a battery	<input type="text"/>
1.8 Pilot plug near pilots operating position?	<input type="text"/>
1.9 120 V AC provided near pilot plug? (Panama and St. Lawrence requirement)	<input type="text"/>
2. AIS programming - Static information	
Item	Status
2.1 MMSI number	000056789
2.2 IMO number	000012345
2.3 Radio call sign	A001234
2.4 Name of ship	PORT TUG@@@@@@@@@@@@
2.5 Type of ship	52
2.6 Ship length and beam	A+B=1022,C+D=126
2.7 Location of GPS antenna	A=511,B=511,C=063,D=063

3. AIS programming - Dynamic information

Item	Status
3.1 Ships position with accuracy and integrity status (Source: GNSS)	Latitude=9100.0000,N,Longitude=18100.0000,E,Position accuracy=1,RAIM-flag=0
3.2 Time in UTC (GNSS)	Time : 00:00:00 Date : 00:00:0000
3.3 Course over ground (COG) (will fluctuate at dockside) (Source GNSS)	359.9
3.4 Speed over ground (SOG) (zero at dockside) (Source: GNSS)	010.0
3.5 Heading (Source: Gyro)	511
3.6 Navigational status	15
3.7 Rate of turn, where available (ROT)	126
3.8 Angle of heel, pitch and roll, where available	<input type="text"/>

4. AIS programming - voyage related information

Item	Status
4.1 Ships draught	25.5
4.2 Type of cargo	052
4.3 Destination and ETA (at masters discretion)	CAPE TOWN@@@@@@@@@,T=00:30:12,D=31,M=12
4.4 Route plan (optional)	<input type="text"/>
4.5 Short safety-related messages	<input type="text"/>

5. Performance test using measuring instrument

Item	Status
5.1,1 Frequency measurements AIS ch. 1	0 Hz
5.1,2 Frequency measurements AIS ch. 2	0 Hz
5.1,3 Frequency measurements GMDSS ch.70	0 Hz
5.2,1 Transmitting output, AIS ch. 1	0.0 W
5.2,2 Transmitting output, AIS ch. 2	0.0 W
5.2,2 Transmitting output, GMDSS ch.70	0.0 W

5. Performance test using measuring instrument

Item	Status
5.3.1 Format Specifier	000

5.3.2 Address	000000000
5.3.3 Category	000
5.3.4 Self Identification	000000000
5.3.5 Message 1	000
5.3.6 Quadrant	NE
5.3.7 Latitude	00*00.0000'
5.3.8 Longitude	000*00.0000'
5.3.9 Time Of Position	0:0:0
5.3.10 Message 2	000
5.3.11 Ships Name	
5.4 Read data from AIS	<input type="text"/>
5.5 Send data to AIS	<input type="text"/>
5.6 Check AIS response to virtual vessels	<input type="text"/>
6. 'On air' performance test	
Item	Status
6.1 Check reception performance	<input type="text"/>
6.2 Confirm reception of own signal from other ship	<input type="text"/>
6.3 Polling by VTS/shore installation	<input type="text"/>
Electromagnetic interference from AIS observed to other installations?:	<input type="text"/>
Remarks:	<input type="text"/>
The AIS has been tested according to IMO SN/Circ.227 and res MSC.74(69), anx 3	
Name of Radio Inspector:	<input type="text"/>
Date and place:	<input type="text"/>
Name of Radio Inspector Company:	<input type="text"/>