AUTOMATIC IDENTIFICATION SYSTEM (AIS) TEST REPORT

Name of ship	
Call sign:	
MMSI number:	
Port of Registry:	
IMO Number:	
Gross tonnage:	
Date keel laid:	

1. Installation details:		
	Item	Status
1.1	AIS transponder type:	
1.2	Type approval certificate	
1.3	Initial installation configuration report onboard?	
1.4	Drawing provided? (Antenna-, AIS-arrangement and block diagram)	
1.5	Main source of electric power,	
1.6	Emergency source of electrical power,	
1.7	Capacity to be verified if the AIS is connected to a battery	
1.8	Pilot plug near pilots operating position?	
1.9	120V AC provided near pilot plug? (Panama and St. Lawrence requirement)	

2. AIS programming – Static Information		
	Item	Status
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	

3. AIS programming – Dynamic Information		
	Item	Status
3.1	Ships position with accuracy and integrity status (Source: GNSS)	
3.2	Time in UTC (Source: GNSS)	
3.3	Course over ground (COG) (will fluctuate at dockside) (Source: GNSS)	
3.4	Speed over ground (SOG) (Zero at dockside) (Source: GNSS)	
3.5	Heading (Source: Gyro)	
3.6	Navigation status	
3.7	Rate of turn, where available (ROT)	
3.8	Angle of heel, pitch and roll, where available	

4. AIS programming – voyage related information		
	Item	Status
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		
	Item	Status
5.1	Frequency measurements AIS ch.1 and 2, GMDSS ch.70	
5.2	Transmitting output, AIS ch.2 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. Performance test using measuring instrument		
	Item	Status
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?

Remarks:

The AIS has been tested according to IMO SN/Circ.227 and resolution MSC.74 (69), annex 3		
Name of Radio Inspector	Date and place	Name and Radio Inspecor Company