Automatic Identification System (AIS) Test Report

General Data

Name of ship / call sign
MMSI number
Port of registry
IMO Number
Gross tonnage
Date on which keel laid

Code letters
1  OK  0  Not OK  2  Not applicable

1 Installation details

1.1 AIS transponder type:
1.2 Type approval certificate
1.3 Initial installation configuration report on board?
1.4 Drawings provided? (Antenna-, AIS-arrangement and block diagram)
1.5 Main source of electrical 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?
1.9 120 V AC provided near pilot plug? (Panama and St. Lawrence requirement)

2 AIS programming – Static information

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

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 Navigational status
3.7 Rate of turn, where available (ROT)

1 To be checked during the first survey after the installation, only.
3.8 Angle of heel, pitch and roll, where available

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
5.7 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

Electromagnetic interference from AIS observed to other installations?

Remarks:

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The AIS has been tested according to IMO SN/Circ.227 as amended, resolution MSC.74(69), annex 3 and MSC.1/Circ. 1252.

Place / Date Stamp Name and Signature of DNV GL Representative 2

Place / Date Stamp Name and Signature of Competent Radio Expert 2

Please send this form to DNV GL, Section MCTDE677 (for Fleet in Service) Fax: +49 40 36149 - 5555; Brooktorkai 18, 20457 Hamburg, Germany

2 Name in block letters to be added, please