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AUTOMATIC IDENTIFICATION SYSTEM (AIS) TEST REPORT

According MSC 1/Circ 1252

Name of ship: **SOUND EXPRESS**
 Call sign: **MAOB7**
 MMSI number: **232006139**
 Port of registry: **SOUTHAMPTON**
 IMO Number: **9813553**
 Gross tonnage: **81,58**
 Date keel laid: **10 november 2014**

1. Installation details

		Status
1,1	AIS transponder type: JRC JHS-183	OK
1,2	Type approval certificate	OK
1,3	Initial installation configuration report on board?	OK
1,4	Drawings provided? (Antenna-, AIS-arrangement and block diagram)	OK
1,5	Main source of electrical power,	OK
1,6	Emergency source of electrical power,	OK
1,7	Capacity to be verified if the AIS is connected to a battery	OK
1,8	Pilot plug near pilots operating position?	NA
1,9	120 V AC provided near pilot plug? (Panama and St. Lawrence requirement)	NA

2. AIS programming - Static information

2,1	MMSI number	OK
2,2	IMO number	OK
2,3	Radio call sign	OK
2,4	Name of ship	OK
2,5	Type of ship	OK
2,6	Ship length and beam	OK
2,7	Location of GPS antenna	OK

3. AIS programming - Dynamic information

3,1	Ships position with accuracy and integrity status (Source: external GNSS)	OK
3,2	Time in UTC (Source: internal GNSS)	OK
3,3	Course over ground (COG) (will fluctuate at dockside) (Source: external GNSS)	OK
3,4	Speed over ground (SOG) (zero at dockside) (Source: external GNSS)	OK
3,5	Heading (Source: Gyro)	OK
3,6	Navigational status	OK
3,7	Rate of turn, where available (ROT)	NA
3,8	Angle of heel, pitch and roll, where available	NA



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4. AIS programming - voyage related information

4,1	Ships draught	OK
4,2	Type of cargo	NA
4,3	Destination and ETA (at masters discretion)	OK
4,4	Route plan (optional)	NA
4,5	Short safety-related messages	OK

5. Performance test using measuring instrument

5,1	Frequency measurements AIS ch. 1 and 2, GMDSS ch. 70	OK
5,2	Transmitting output, AIS ch. 1 and 2, GMDSS ch. 70	OK
5,3	Polling information ch. 70	OK
5,4	Read data from AIS	OK
5,5	Send data to AIS	OK
5,6	Check AIS response to "virtual vessels"	NA

6. "On air" performance test

6,1	Check reception performance	OK
6,2	Confirm reception of own signal from other ship/VTS	OK
6,3	Polling by VTS/shore installation	NA

Electromagnetic interference from AIS observed to other installations?:

NONE

Remarks:

NONE

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

Name of Radio Inspector
GER HEIJNE

Date and Place
12 januari 2021
IJMUIDEN (NL)



Please retain on board with ship's papers until next survey

Service rendered is subject to general (service) conditions of NavCom Inspection & Consultancy B.V.





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PERIODICAL TESTING OF SART

Ship's name **SOUND EXPRESS** IMO No. **9813553**
Call Sign **MAOB7** MMSI No. **232006139**

	SART
SART Manufacturer	JOTRON
Type & Model	TRON SART20
Serial Number	47256
Battery expiry date	02 - 2024
Presence of operating instructions	OK
Lanyard OK and installed correctly	OK
Ships name displayed	OK
Test results OK	OK
Visual inspected for defects	OK
Mounting location	NAV. BRIDGE (rear door)
Test instrument type or Radar used	GMDSS TESTBOX
Result of test	PASSED

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GER HEIJNE

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