

9 Warranty Registration & Acceptance Record

Vessel Data			
Vessel Name		Flag State	
Owner / Company		Radio Call Sign	
On-Board Contact 1 Name		Telephone Number(s)	Office:
			GSM:
On-Board Contact 2 Name		Telephone Number(s)	Office:
			GSM:

Scope Of Supply				
Part No.	Description	Serial No.	Qty	Location
35-081-001A	Transponder			
35-080-001A	Display unit			
89-028	Gyro Interface Unit			
89-029	AC/DC Converter			

General Setup										
MMSI (Maritime Mobile Service Identity)										
IMO (International Maritime Organisation)										
RAIM Present (Automatically Selected)	Yes					No				
User password set (4 characters max)										
(Default user password 0000)										

Vessel Name	
-------------	--

Vessel and GNSS dimensions				
Vessel length				Metres
Vessel beam				Metres
	Internal GNSS	External GNSS A	External GNSS B	
GNSS antenna distance to Stern				Metres
GNSS antenna distance to Port side				Metres

RS-422 Setup									
Port	General		Baud rate		Port	General		Baud rate	
Main	On	Off	4800	38400	Sen 1	On	Off	4800	38400
Aux	On	Off	4800	38400	Sen 2	On	Off	4800	38400
LR	On	Off	4800	38400	Sen 3	On	Off	4800	38400
RTCM	On	Off	4800	38400	Sen 4	On	Off	4800	38400

Installers Data		
Company Name		Stamp:
Technician's Name		
Address Line 1		
Address Line 2		
City / Town		
Province / State		
Post / Zip Code		
Country		

This is an acceptance record of the installation and commissioning of the AIS on-board the above-mentioned vessel. 24-months Warranty is valid on signing this form.

Installer's Signature	Owners Representative's Signature	Commissioning Date
Installer's Name	Owners Representative's Name	

10 Pre-Installation Inspection Record

1. Vessel Data (<input type="checkbox"/> Tick appropriately)			
Vessel Name		IMO Number	
Flag State		MMSI Number	
Owner / Company		Radio Call Sign	
On-Board Contact Name & Position		Telephone Number(s)	Office:
			GSM:
Shore-based Contact Name & Position		Telephone Number(s)	Office:
			GSM:
Type of Vessel		Gross Tonnage	gt
L.O.A	m	Beam	m
Comments:			

2. Installation (<input type="checkbox"/> Tick appropriately)	
Ship's Emergency Power Source & Location Cable length to Transponder = m <input type="checkbox"/> Optional AC to DC Converter Required	<input type="checkbox"/> 12 V DC <input type="checkbox"/> 24 V DC <input type="checkbox"/> 110 V AC <input type="checkbox"/> 220 V AC <input type="checkbox"/> 50 Hz <input type="checkbox"/> 60 Hz
AIS Transponder Proposed Location	
AIS Display Proposed Location 4 Twisted Pair + Drain Cable length to Transponder m	
AIS GNSS Antenna Proposed Location RG58 Cable length to Transponder = m <input type="checkbox"/> Optional Antenna Adapter Required	
AIS VHF Antenna Proposed Location RG214 Cable length to Transponder = m <input type="checkbox"/> Optional VHF Antenna Required <input type="checkbox"/> Optional Antenna Mast Mount Required <input type="checkbox"/> Optional Antenna Mast/Bulkhead Mount Required	
AIS Pilot Plug* Proposed Location Cable length to Transponder = m	
Ship's Ground Connection Location Cable length to Transponder = m	
Ship's Alarm Panel Location Cable length to Transponder = m	
<i>* If a Pilot Plug is fitted, a mains power supply for a PC should be made available nearby</i>	
Comments:	

Bridge Layout Drawing: *Position of all parts & interface pick-off points*

3. Heading Sensor(s)* (<input type="checkbox"/> Tick appropriately)		
Source	Option A	Option B
Manufacturer		
Model		
Type	<input type="checkbox"/> GyroCompass <input type="checkbox"/> GNSS Compass <input type="checkbox"/> Fluxgate Compass <input type="checkbox"/> Transmitting Magnetic Compass	<input type="checkbox"/> GyroCompass <input type="checkbox"/> GNSS Compass <input type="checkbox"/> Fluxgate Compass <input type="checkbox"/> Transmitting Magnetic Compass
Output NMEA Message <i>IEC 61162-2 RS422</i>	Required:- <input type="checkbox"/> HDT <input type="checkbox"/> ROT** Optional:- <input type="checkbox"/> OSD	Required:- <input type="checkbox"/> HDT <input type="checkbox"/> ROT** Optional:- <input type="checkbox"/> OSD
If no NMEA <input type="checkbox"/> Optional Gyro Interface Unit (89-028) Required	<input type="checkbox"/> Synchro Reference Voltage = Phase Voltage = Frequency = Ratio - <input type="checkbox"/> 90:1 <input type="checkbox"/> 180:1 <input type="checkbox"/> 360:1	<input type="checkbox"/> Synchro Reference Voltage = Phase Voltage = Frequency = Ratio - <input type="checkbox"/> 90:1 <input type="checkbox"/> 180:1 <input type="checkbox"/> 360:1
	<input type="checkbox"/> Stepper <input type="checkbox"/> Positive Step <input type="checkbox"/> Negative Step Step Voltage = Ratio - <input type="checkbox"/> 90:1 <input type="checkbox"/> 180:1 <input type="checkbox"/> 360:1	<input type="checkbox"/> Stepper <input type="checkbox"/> Positive Step <input type="checkbox"/> Negative Step Step Voltage = Ratio - <input type="checkbox"/> 90:1 <input type="checkbox"/> 180:1 <input type="checkbox"/> 360:1
Location		
Cable length to Transponder	m	m
<p><i>* Heading information is a mandatory sensor input to the AIS. A converter will be needed if the ship's compass has no IEC61162 output.</i></p> <p><i>** If a rate-of-turn indicator is available and it includes an IEC61162 output it should be connected to the AIS</i></p>		
Comments:		

4. Position Sensor(s)* (<input type="checkbox"/> Tick appropriately)			
Source	Option A		Option B
Manufacturer			
Model			
Type	<input type="checkbox"/> GPS <input type="checkbox"/> GLONASS <input type="checkbox"/> Differential		<input type="checkbox"/> GPS <input type="checkbox"/> GLONASS <input type="checkbox"/> Differential
Output NMEA Message <i>IEC 61162-2 RS422</i>	Required:- <input type="checkbox"/> DTM <input type="checkbox"/> GNS <input type="checkbox"/> GLL <input type="checkbox"/> RMC <input type="checkbox"/> GBS <input type="checkbox"/> RTE <input type="checkbox"/> WPL Optional:- <input type="checkbox"/> GGA		Required:- <input type="checkbox"/> DTM <input type="checkbox"/> GNS <input type="checkbox"/> GLL <input type="checkbox"/> RMC <input type="checkbox"/> GBS <input type="checkbox"/> RTE <input type="checkbox"/> WPL Optional:- <input type="checkbox"/> GGA
Location			
Cable length to Transponder	m		m
Antenna Location	External Position Source GNSS Antenna	AIS Internal Position Source GNSS Antenna	Dimension Limits
A = Distance to Bow	m	m	0- 511 m
B = Distance to Stern	m	m	0 – 511 m
C = Dist. to Port-Side	m	m	0 – 63 m
D = Dist. to Starboard	m	m	0 – 63 m
<i>* Position information is a mandatory sensor input to the AIS.</i>			
Comments:			

5. Speed Sensor(s)* (<input type="checkbox"/> Tick appropriately)			
Source	Option A		Option B
Manufacturer			
Model			
Type	<input type="checkbox"/> Bottom Track Log		<input type="checkbox"/> Bottom Track Log
Output NMEA Message <i>IEC 611622-2 RS422</i>	Required:- <input type="checkbox"/> VBW		Required:- <input type="checkbox"/> VBW
Location			
Cable length to Transponder	m		m
<i>* If a Bottom Track Log is available and it includes an IEC61162 output it should be connected to the AIS.</i>			
Comments:			

6. ARPA / ATA RADAR(s) (<input type="checkbox"/> Tick appropriately)		
Source	Option A	Option B
Manufacturer		
Model		
Type		
In/Output NMEA Message <i>IEC 61162-2 RS422</i>		
Location		
Cable length to Transponder	m	m
Comments:		

7. ECDIS / ECS(s) (<input type="checkbox"/> Tick appropriately)		
Source	Option A	Option B
Manufacturer		
Model		
Type		
In/Output NMEA Message <i>IEC 61162-2 RS422</i>		
Location		
Cable length to Transponder	m	m
Comments:		

8. Notes
Include comments relative to installation: Cable routing, Deck glands to be opened, Hot work required, Interfacing, Mounting, Earthing, etc...