

# Ship Data

**Vessel Name**

**IMO Vessel Identification Number**

**Survey Date**

**Position**

**Engineer**

**Tested**

**Accepted**

**Installer**

**Ship's Master**

# Data items to be recorded

## Mandatory signals

Signal	Instrument	Manufacturer	Type	Connection point	Comments
Date and time					
Ship's position					
Speed					
Heading					
RADAR					
AIS					
Depth					
Ruder order					
Ruder response					
Engine order					
Engine response					
Accelerations and hull stresses					Only if IMO-mandated
Wind speed and direction					

## Bridge audio

### Microphone locations

No	Location	Comments
1		
2		
3		
4		
5		
6		
7		
8		

## Communication audio

No	Instrument	Type	Output	Comments
1				
2				
3				
4				

## Main Alarms

No	Function	Instrument/panel	Point	Type	Input	Comments
1	Main and auxiliary steering gear power units					Failure of power to any steering gear power unit. Operation of devices for short circuit protection, overload, loss of phase in three-phase system
2	Main and auxiliary steering gear control system					Failure of power to control system
3	Steering gear, low hydraulic fluid level					Low level of fluid in hydraulic fluid reservoir
4	Propulsion machinery remote control system failure					For vessels with bridge control of propulsion machinery and manned engine room; failure of remote control of propulsion machinery
5	Propulsion machinery low starting air pressure					Vessels as 4. Low start air pressure but further starting of propulsion machinery possible
6	Automatic shut-down of propulsion machinery					Vessels with periodically unattended machinery spaces. Shut-down of propulsion and other machinery due to serious malfunction
7	Fault requiring action by or attention of the OOW					Vessels as 6
8	Alarm system normal power supply failure					Vessels as 6. Failure of normal power supply to alarm plant
9	Watertight door low hydraulic fluid level					Passenger ships constructed on or after 1 February 1992 with hydraulic power operated sliding watertight doors Low level of fluid in hydraulic reservoir
10	Watertight door low gas pressure, loss of stored energy					Vessels as 9. Low gas pressure or loss of stored energy in operating hydraulic accumulator
11	Watertight door electrical power loss					Vessels as 9. Failure of electrical power to operating or control system
12	High water alarm					High water level in space where water has drained from enclosed cargo space or freeboard deck

13	Shell door position indicator					Ro-Ro passenger vessels Door open or locking device not secured. System to have mode switch for sea or harbour1. System active in 'sea' mode
14	Water leakage detection indicator					Vessels as 13. Leakage of water into Ro-Ro cargo spaces or special category spaces through shell doors
15	Local automatic halon release					Activation of system to release halon
16	Fire detection in automated or remotely controlled machinery space					Activation of detection system
17	Fire detection or automatic sprinkler operation					Activation of sprinkler or fire detection system. Also additional alarm to show fault or loss of power to either system
18	Smoke detection system power loss					Sample extraction smoke-detection systems Failure of power to the system
19	Smoke detection					Equipment as 18. Activation of system
20	Halon system loss of container					Decrease in pressure of gas in containers
21	Halon system electric circuit fault or power loss					Failure of electric power to circuits connecting containers for gas release
22	Halon system - hydraulic or pneumatic pressure loss					Loss of pressure to pneumatic or hydraulic circuits for gas release





