



Report No.

Indian Register of Shipping

DATA REPORT CARRIAGE OF DANGEROUS/SOLID BULK CARGOES* (Mark "X" for "Yes", "-" for No. "N" for Not Applicable)

Application: This report to be used for:

Certificate of Compliance, International Maritime Solid Bulk cargoes code (IMSBC Code)

Certificate of Compliance, SOLAS II-2, Reg. 19/ 54 for Dangerous Goods.

Name of Ship		IR No.	IMO No.
Class Notation		Flag	
1. ARRANGEMENT OF CARGO SPACES			
1.1	No. of cargo holds :	Total Volume m ³	
Specify cargo holds intended for dangerous goods/solid bulk cargoes*			
<input type="checkbox"/> Segregation arrangements are in order for different grades of cargo if applicable			
1.2.	Type of division between cargo holds and		
a.	Machinery spaces:	b.	Accommodation spaces:
<input type="checkbox"/> Steel bulkhead		<input type="checkbox"/> Steel bulkhead/deck	
<input type="checkbox"/> A-60 division		<input type="checkbox"/> A-60 division	
<input type="checkbox"/> Cofferdam separation		<input type="checkbox"/> Cofferdam separation	
<input type="checkbox"/> No common boundary		<input type="checkbox"/> No common boundary	
1.3	Location of fuel and lube oil tanks relative to cargo spaces for dangerous goods.		
<input type="checkbox"/> No common boundaries cargo holds: (Nos.)			
<input type="checkbox"/> Cargo holds : (Nos.) have adjoining fuel/lube oil tanks			
Are adjoining fuel oil tanks fitted with heating coils? : Yes/No			
If yes, is temperature indication provided? Give details :			

* Delete as appropriate

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2. VENTILATION OF CARGO SPACES

2.1 Type of Ventilation

Natural ventilation only

Mechanical ventilation by:

Portable fans

Fixed system

Workspaces adjacent to the cargo spaces adequately ventilated

Direct blowing of air in to the body of cargo avoided

2.2 Particulars of mechanical ventilation :

Number of portable fan, total :

Per hold :

Capacity per fan m³/h:

Type of drive

Electric

Hydraulic

Explosion proof standard of electric motors, if used :

Non sparking material of impeller :- Yes/No

Number of fixed fans : Capacity per fan, m³/hr

Make and type of fans :

2.3 Ventilation inlets and outlets :

Means of closing inlets and outlets :

Height of ventilation outlets above deck, mtr:

Minimum distance from opening into machinery and accommodation spaces, mtr:

Are inlets and outlets fitted with spark arresting screens? Yes/No

2.4 Are above ventilation arrangements working satisfactory? Yes/No

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3. INERTING OF CARGO SPACES

3.1 Type of system (Details) :

Membrane separation system, capacity, Make and type

Inert gas generator, capacity, Make and type :

4. SEPARATE BILGE SYSTEM FOR CARGO SPACES

4.1 System arrangement:

Separate bilge system additional to main

Main bilge system, for cargo holds independent for machinery space bilge system

Bilge lines/Bilge wells/strainer plates and sounding pipes in cargo spaces in good condition

4.2 Particulars of bilge pumps:

Eductors, No Capacity each m³/hr

Pumps, No. Capacity each m³/hr

State location of pumps/eductors:

4.3 Diameter of branch suction lines, mm :

4.4 Diameter of main bilge line mm :

4.5 Bilge pumping arrangements working satisfactorily ? Yes/No

5. FIRE EXTINGUISHING

5.1 Starting arrangements for fire pumps :

Remote start of emergency fire pump from location :

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<input type="checkbox"/>	Continuously pressurized fire main and automatic starting of fire pump at Low pressure.
5.2	Arrangement and capacity of water supply
<input type="checkbox"/>	Arrangement of hydrants and capacity of water supply sufficient for simultaneous use of 2/4* nozzles
5.3	Fire extinguishing in cargo spaces
<input type="checkbox"/>	CO2
<input type="checkbox"/>	Water spray
<input type="checkbox"/>	Other (specify)
5.4	<input type="checkbox"/> Fire extinguishing arrangements given in 5.1/ 5.2/ 5.3* is / are* working satisfactorily ?
6.	ELECTRICAL INSTALLATIONS IN CARGO SPACES
6.1	Electrical Equipment/cables in cargo holds. : fitted/None fitted*
<input type="checkbox"/>	Condition found satisfactory
<input type="checkbox"/>	Arrangements provided for isolating electrical installation including fuses in cargo holds when cargo is carried.
<input type="checkbox"/>	Certified safe electrical equipment fitted
	Specify equipment
	Certification standard (temp. class explosion group)
6.2.	Installation in separate bilge pump room
<input type="checkbox"/>	Certified safe electrical lighting Temperature class Apparatus group:
<input type="checkbox"/>	Explosion proof electrical motors Temperature class Apparatus group:
<input type="checkbox"/>	Other electrical equipment, specify type and certification standard

* Delete as appropriate

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6.3 Electrical installations in spaces for self unloading system :

- Certified safe lighting installation Give certification standard :
- Certified electric motors Give certification standard :
- Non certified electric motors with power supply interlocked with ventilation

7. INSTRUMENTAION

7.1 Temperature detection in cargo holds:

Portable instruments provided: Yes/No

(If Yes, Describe type of portable instrument):

And describe method of positioning sensors

- Measurements recorded regularly
- Fixed sensors, describe locations:

7.2 Gas measuring instruments

7.2.1 Portable equipment provided: Yes/No

Portable Gas measuring equipments (minimum of two each) found suitable for:

- Oxygen Methane/Hydrogen
- Toxic gases, specify for which gases (e.g. CO, CO₂, phosphine, arsine)

7.2.2 Fixed gas detection system Specify type:

And for which gases:

7.3 Acidity (ph) of bilge water

- Measurement recorded regularly

Type of equipment used :

Means for checking bilge water :

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7.4 Is it possible to carry out measurement while cargo is being loaded and during the voyage without entry to cargo spaces?

7.5 All instruments calibrated

8. PERSONNEL PROTECTION

8.1 Total Number of sets of full protective chemical resistance clothing provided :

8.2 Total Number of self contained breathing apparatus provided (incl. Fireman outfit) :

8.3 All sources of ignition eliminated in the vicinity of cargo spaces.

8.4 Arrangements made for posting of appropriate safety notices depending upon type of cargo

9. SELF UNLOADING SYSTEM

9.1 Type of System

Conveyor belt under holds with bucket elevator/vertical screw conveyor

Closed pneumatic system

Closed chain conveyor holds.

Closed screw conveyors under holds.

Scrapper conveyor inside cargo hold with vertical bucket elevator/screw conveyor

Closed type screw conveyors located inside cargo holds

Other type specify details :

9.2 Outfitting of classed spaces for self unloading system

Mechanical ventilation, capacity (number of air changes per hour)

Fire extinguishing by CO₂ Water Spray Fire hoses

Emergency stop for conveyor belts located

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9.3 Miscellaneous

- Conveyor belts of antistatic material used
- Arrangements for easy cleaning (e.g. by water flushing provided)

10. GENERAL CONDITION OF ALL CARGO SPACES.

- All cargo spaces examined and found in satisfactory condition.

NB : Deficiencies found and recorded as recommendations :

Place :

Date :

Surveyor