

SURVEY REPORT FOR CARGO SHIP SAFETY EQUIPMENT CERTIFICATE

Under the provisions of the International Convention for the Safety of life at sea, 1974, as amended.

Initial Survey Annual Survey Renewal Survey
 Intermediate Survey (Periodical) Additional Survey (Occasional)

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO number
Type of Ship	Deadweight (for Oil Tankers, Chemical Tankers and Gas Carriers only)		Date on which keel was laid	

Owner / Operators: _____

Date of Survey / commenced: _____

completed: _____

Place of Survey: _____

Name of Surveyor: _____

This vessel has been duly surveyed in accordance with the provisions of SOLAS 1974, as amended.

Note: Mark in box Fit or Yes Unfit or No N/A Not Applicable

A. GENERAL

A.1 Alterations have been made in the equipment of the ship covered by the Record of
Approved Cargo Ship Safety Equipment

A.2 Alterations in the equipment of the ship are listed in F.1

B. DOCUMENTATION

- B.1 Validity of the existing Cargo Ship Safety Equipment Certificate: _____
- B.2 The existing Cargo Ship Safety Equipment Certificate has been endorsed
- B.3 Date of the last endorsement: _____
- B.4 Validity of the existing Exemption Certificate: _____
- B.5 Record of Equipment for the Cargo Ship Safety Equipment (Form E):
 - B.5.1 Has been issued
 - B.5.2 Is kept on board
 - B.5.3 Has been corrected / amended.....
- B.6 Record of Approved Cargo Ship Safety Equipment:
 - B.6.1 Has been issued
 - B.6.2 Is kept on board
 - B.6.3 Has been corrected / amended

C. SAFETY OF NAVIGATION

(Fitted / Installed and in operation conditions)

- C.1 Shipborne Navigational Equipment and Systems (Reg. V/19):
 - C.1.1 Standard Magnetic Compass ⁽²⁾
 - C.1.2 Spare Magnetic Compass ⁽²⁾
 - C.1.3 Gyro compass ⁽²⁾
 - C.1.4 Gyro compass heading repeater ⁽²⁾
 - C.1.5 Gyro compass bearing repeater⁽²⁾
 - C.1.6 Heading or track control system⁽²⁾
 - C.1.7 Pelorus or compass bearing device⁽²⁾
 - C.1.8 Means of correcting heading and bearing⁽²⁾
 - C.1.9 Transmitting Heading Device (THD) ⁽²⁾
 - C.1.10 Nautical Charts / Electronic Chart Display and Information System (ECDIS) ⁽¹⁾
 - C.1.11 Back up arrangements for ECDIS
 - C.1.12 Receiver for a global navigation satellite system / terrestrial radio navigation system⁽¹⁾

⁽¹⁾ Delete as Appropriate.

⁽²⁾ Alternative means of meeting this requirement are permitted under Regulation V/19. In Case of other means they shall be specified.

C.1.13 9 GHz radar ⁽²⁾	<input type="checkbox"/>
C.1.14 Second radar (3 GHz / 9 GHz) ^{(1) (2)}	<input type="checkbox"/>
C.1.15 Automatic Radar Plotting Aid (ARPA) ⁽²⁾	<input type="checkbox"/>
C.1.16 Automatic tracking aid ⁽²⁾	<input type="checkbox"/>
C.1.17 Second automatic tracking aid ⁽²⁾	<input type="checkbox"/>
C.1.18 Electronic plotting aid ⁽²⁾	<input type="checkbox"/>
C.1.19 Automatic Identification System (AIS)	<input type="checkbox"/>
C.1.20 Speed and distance measuring device (through the water) ⁽²⁾	<input type="checkbox"/>
C.1.21 Speed and distance measuring device (over the ground in the forward and athwartship Direction) ⁽²⁾	<input type="checkbox"/>
C.1.22 Echo sounding device ⁽²⁾	<input type="checkbox"/>
C.1.23 Rudder, propeller, thrust, pitch and operational mode indicator ⁽²⁾	<input type="checkbox"/>
C.1.24 Rate of turn indicator ⁽²⁾	<input type="checkbox"/>
C.1.25 Sound reception system ⁽²⁾	<input type="checkbox"/>
C.1.26 Daylight signalling lamp ⁽²⁾	<input type="checkbox"/>
C.1.27 Radar reflector ⁽²⁾	<input type="checkbox"/>
C.1.28 Voyage Data Recorder (VDR) (Reg. V/20)	<input type="checkbox"/>
C.1.29 Pilot ladders and mechanical pilot hoists (Reg. V/23)	<input type="checkbox"/>
C.1.30 Use of heading or track control system (Reg. V/24)	<input type="checkbox"/>
C.1.31 Steering gear (Reg. V/25 & 26)	<input type="checkbox"/>
C.1.32 Nautical Publications (Reg. V/27)	<input type="checkbox"/>
C.1.33 Back up arrangements for electronic nautical publications (Reg. V/19)	<input type="checkbox"/>
C.1.34 International Code of Signals (Reg. V/21)	<input type="checkbox"/>
C.1.35 Navigational lights (COLREG –72) (position, certificates of lights, main and emergency sources of power, light failure indicator and alarm)	<input type="checkbox"/>
C.1.36 Signal appliances (COLREG-72) (Whistles, Bell, Gong, Shapes)	<input type="checkbox"/>

D. LIFE-SAVING APPLIANCES

D.1 Instructions to be followed in the event of an emergency are provided for every person on board (Reg. III/8.2 & 37, 1996 amendments)	<input type="checkbox"/>
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⁽¹⁾ Delete as Appropriate.

⁽²⁾ Alternative means of meeting this requirement are permitted under Regulation V/19. In Case of other means they shall be specified.

- D.2 Muster list and emergency instructions complying are exhibited in conspicuous places throughout the ship including the navigating bridge, engine room and crew accommodation spaces (Reg. III/8.3 & 37, 1996 amendments)
- D.3 Posters or signs are provided on the survival craft and on their launching controls, that illustrate the purpose of controls and procedures for operating the appliance and give relevant instructions or warnings (Reg. III/9, 1996 amendments)
- D.4 Distress Flares and Line-Throwing Appliances (Reg. III/6.2.3 & 18 & LSA Code 3.1, 3.2, 3.3, 7.1)
- D.5 Expiration dates of Distress Flares and Visual Signals: _____
- D.6 Expiration dates of rockets for Line-Throwing Appliances _____
- D.7 Two-way VHF radiotelephone apparatus, radar transponders, onboard communications and alarm systems (Reg. III/6.2.2.1, 6.2.2.2 & 6.2.4)
- D.8 Posters or signs are easily seen under emergency lighting conditions, and the use symbols in accordance with the recommendation of IMO Resolutions, as amended. (Reg. III/9, 1996 amendments)
- D.9 Manning of survival craft and supervision are provided (Reg. III/10, 1996 amendments)
- D.10 Lifeboats are provided with:
- D.10.1 First-Aid outfits. The medicine is usable till: _____
(LSA Code 4.4.8.20 & 4.4.8.21)
- D.10.2 Food ration. The food ration is usable till: _____
(LSA Code 4.4.8.12)
- D.10.3 An illustrated Table of Life Saving Signals is available within easy reach of the Watchkeeping Officer (LSA Code 4.4.8.18)
- D.10.4 Lifeboat arrangement and equipment (Reg. III/13, 20 & LSA Code 4.4)
- D.10.5 Self-contained air support system of lifeboats (LSA Code 4.8).....
- D.10.5.1 Date of internal examination of air receivers: _____
- D.10.5.2 Date of hydraulic test of air receivers: _____
- D.10.5.3 Date of external examination of air receivers: _____
- D.10.6 Launching and embarkation appliances (Reg. III/11, 12,15,16,20 & LSA Code 6.1)
- D.10.7 The testing of launching appliances (Reg. III/20.11.1.3, 1996 amendments & LSA Code 6.1.2.5.2)
- D.10.7.1 Last date of dynamic test: _____
- D.10.7.2 Next date of dynamic test: _____ (shall be subjected to a through examination at intervals not exceeding five (5) years)
- D.10.8 The testing of on-load release gear (Reg. III/20.11.2.3, 1996 amendments):
- D.10.8.1 Last date of operational test: _____

- D.10.8.2 Next date of operational test: _____ (shall be carried out a least once every five (5) years)
- D.11 Liferafts (Reg. 11, 16, 20, 31 & LSA Code 4.1, 4.2, 4.3)
- D.11.1 Date of next service of:
- D.11.1.1 Liferafts: _____
- D.11.1.2 Hydrostatic Release Units: _____
- D.12 Rescue boats (Reg. III/14, 17, 31 and LSA Code 5.1)
- D.13 Other life-saving appliances (Reg. III/6, 7, 31, 32 and LSA Code 1.2, 2.1, 2.2, 2.3, 2.4)
- D.14 A training manual complying is provided in each crew messroom and recreation room or in each crew cabin (Reg. III/35, 1996 amendments)
- D.15 During the last twelve (12) months, abandon ship drills and fire drills were conducted for the crew every month
- D.15.1 Date of Last Drills: _____
- D.16 Each lifeboat was launched with its assigned operating crew aboard and manoeuvred in the water once every three (3) months
- D.16.1 Date of Last Launched and operated _____
- D.17 Training and instructions in the use of the ship's life-saving appliances were conducted within the time stipulated by the requirements of the Reg. III/19, 1996 amendments
- D.18 All Life-saving appliances are in working order, ready for immediate use and fitted with Retro-reflective material (LSA Code 1.2)
- D.19 Instructions for maintenance of life-saving appliances are provided (Reg. III/36, 1996 amendments)
- D.20 Falls used in launching were turned within prescribed time (at least once in 30 months). Falls were renewed within due time (at intervals of not more than five (5) years or when necessary due to deterioration)
- D.20.1 Last date when falls were turned end for end: _____
- D.20.2 Last date when falls were renewed: _____
- D.21 Spares and repair equipment are provided for life-saving appliances (Reg. III/36)
- D.22 Weekly and monthly inspections were carried out during the last twelve (12) months (Reg. III/20, 1996 amendments)
- D.22.1 Date of Last Inspections _____

 (the last weekly and monthly inspection)

E. FIRE-FIGHTING APPLIANCES

- E.1 Fire pumps, hydrants, hoses and fire extinguishers (Reg. II-2/10)
- E.1.1 Fire hoses have been examined and tested by pressure of _____ N/mm².
(psi multiply by 0.006894757 to obtain N/mm²).
- E.2 Carbon Dioxide System (Reg. II-2/10.4.1.1.1)
- E.2.1 Date of Last Inspection _____
- E.3 Halon system (Reg. II-2/5, according to SOLAS-74 with amendments 1981 thereto)
- E.3.1 Date of Last Inspection _____
- E.4 High-expansion foam fire-extinguishing system (Reg. II-2/10.4.1.1.2)
- E.4.1 Date of Last Inspection _____
- E.5 Pressure water-spraying fire-extinguishing system (Reg. II-2/10.4.1.1.3)
- E.6 Special arrangements in machinery spaces (Reg. II-2 /5.2, 7.4, 8.3, 9.5) ventilating fans, O.F. units, O.F. tank valves, skylights, doors
- E.7 Fixed fire detection and fire alarm systems (Reg. II-2/7)
- E.8 Fire appliances in cargo tanks and on tank deck area (for oil tankers, chemical tankers and gas carriers only)
- E.9 Cargo tank protection (Reg. II-2 / 4.5, 10.8)
- E.9.1 Date of Last Inspection _____
- E.10 Inert Gas System (Reg. II-2/4.5.5)
- E.10.1 Date of Last Inspection _____
- E. 11 Fixed deck foam extinguishing system (Reg. II-2 / 10.8.1)
- E.11.1 Date of Last Inspection _____
- E.12 A list (Plan) is displayed showing the spaces covered and the location of the zone in respect of each section of the fire detection system. Suitable instructions and component spares shall be provided for the testing and maintenance of the fire detection and fire alarm system (International Code for Fire Safety Systems (FSS Code), Chapters 8/2.5.3, 9/2.5.2 and 10/2.4.2)
- E.13 Fire-fighter’s outfits (Reg. II-2 / 10.10 and FSS Code, Chapter 3 / 2.1)
- E.14 Breathing Apparatus (Reg. II-2/10.10 and FSS Code, Chapter 3/2.1.2)
- E.15 Emergency Escape Breathing Devices (Reg.II-2/13.3.4 and FSS Code Chapter 3.2.2)
- E.16 International Shore Connection (Reg. II-2 / 10.2.1.7)
- E.17 Fire Control Plans (Reg. II-2/15.2.4)
- E.18 Fire-extinguishing appliances are kept in good conditions and available for immediate use at all times during the voyage. (Reg. II-2/2, 1981 amendments.)

- E.19 Fire protection arrangements (Reg. II-2/7, Suppression of Fire)
- E.19.1 Protection of machinery spaces (Reg. II-2/7.4)
- E.19.2 Protection of accommodation and service spaces (Reg. II-2/5.5)
- E.20 Ro-Ro cargo spaces intended for the carriage of motor vehicles with fuel in their tanks
 (Reg. II-2/20.6)
- E.21 Detailed instruction manuals are provided, covering the operations, safety and maintenance
 requirements and occupational health hazards. Relevant to the inert gas system and its
 application to the cargo tank system (Reg. II-2/62.21, 1981 amendments)
- E.22 Damage Control in dry cargo ship (Reg. II-1/23.1) (This regulation applies to ships
 constructed on or after 1 February 1992)
- E.23 Maintenance Plan For Fire Protection Systems and Appliances (Reg.II-2/14.2.2).....
- E.24 Fire Safety Training Manual (Reg.II-2/15.2.3).....
- E.25 Fire Safety Operational Booklet (Reg.II-2/16.2; 16.3).....

F. ALTERATIONS OR MODIFICATIONS:

F.1 Describe in detail all system and equipment or parts which have been altered or modified...

G. DEFICIENCIES, REQUIREMENTS, REMARKS, RECOMMENDATIONS.

H. FINAL RECOMMENDATION:

It is recommended that:

H.1 A Full Term C.S.S.E. Certificate may be issued valid for a period two (2) years / five (5) years. ⁽¹⁾.....

H.2 No Full Term C.S.S.E. Certificate to be issued until the survey is completed.

H.3 The Existing C.S.S.E. Certificate No. _____ has been endorsed at:
_____ the _____ of _____ of _____
(Place of issue of endorsement) (Day) (Month) (Year)

H.4 I have issued the Interim C.S.S.E. Certificate No. _____
at: _____ the _____ of _____ of _____
(Place of issue of Interim CSSE) (day) (month) (year)
Valid until _____ of _____ of _____
(day) (month) (year)

THIS IS TO CERTIFY THAT: This survey report is correct in all respects.

Issued at : _____ the _____ of _____ of _____
(Place of issue of the survey report) (day) (month) (year)

Name and Signature of duly authorized official issuing the survey report
By: *Panama Maritime Documentation Services, Inc.*

⁽¹⁾ Delete as Appropriate