

A-13	Information for loading and ballasting of the ship	LLC 66 reg. 10, 44.10 Ship const. < 03.02.2000	0
		LLC 66/88 reg. 10, 44.7 Ship const. ≥ 03.02.2000	
		LLC 66/88 reg. 10, 44.7 Ship const. ≥ 03.02.2000	
		Description:	
A-14	Record of conditions of Assignment of Load Line or other document contained necessary particulars		0
	Description:		
A-15	Record of approved Cargo Ship Safety Equipment		0
	Description:		
A-16	Record of Equipment on form "E"		0
	Description:		
A-17	Fire Control Plan(or Emergency booklet)approved by Flag Administration	SOLAS 74/00 reg. II-2/15.2.4	0
	Description:		
A-18	Maintenance Plan for Fire Protection Systems and Appliances	SOLAS 74/00 reg. II-2/14.2.2	0
	Description:		
A-19	Fire Safety Training Manual	SOLAS 74/00 reg. II-2/15.2.3	0
	Description:		
A-20	Fire Safety Operational Booklet	SOLAS74/00reg.II-2/16.2, 16.3	0
	Description:		
A-21	The ship was subjected to an alternative design and arrangements	SOLAS 74/02/08 reg. II-2/17	0
	Description:		
A-22	A document of approval of alternative design and arrangements for fire safety	SOLAS 74/02/08 reg. II-2/17	0
	Description:		
A-23	Oral confirmation of Master that some fire has not occurred on board necessitating the operation of the fixed fire-extinguishing systems or the portable fire extinguishers since the last survey		0
	Description:		
A-24	Operating instructions for remote steering gear control systems and steering gear power units	SOLAS 74/00 reg. V/26.3.1	0
	Description:		
A-25	Instructions for on board maintenance of life-saving appliances	SOLAS74/96/04reg.III/20.3,III/36	0
	Description:		
A-26	Manning of survival craft and supervision are provided	SOLAS 74/96 reg. III/10	0
	Description:		
A-27	Training manual and training aids for the life-saving appliances	SOLAS 74/96 reg. III/35	0
	Description:		
A-28	Tables or curve of residual deviations for the magnetic compasses and diagrams of radar installations shadow sector is displayed	IMO Resolution A.997(25)(EI) 1.1.5.8	0
	Description:		
A-29	Operational manuals for all navigational equipment		0
	Description:		
A-30	Instruction manual covering the operations, safety and maintenance requirements to the inert gas system	SOLAS 74/81 reg. II-2/62.21 Ships Constr. < 01.07.2002	0
		FSS Code CH. 15, reg. 2.4.4 Ships Constr. ≥ 01.07.2002	
		Description:	
A-31	International Code of Signals	SOLAS 74/002/02 reg. V/21.1	0
	Description:		
A-32	Life-saving signals to be used by ships, aircrafts or persons in distress (an illustrated table describing the signals)	SOLAS 74/00 reg. V/29	0
	Description:		
A-33	Up-to-date copy of Volume III of the International Aeronautical and Maritime Search and Rescue	SOLAS 74/00/02 reg. V/21.2	0
	Description:		
A-34	Continuous synopsis record	SOLAS 74/02 reg. XI-1/5	0

	Description:		
A-35	Availability of the valid Conformance test report of the long-range identification and tracking system (LRIT) carried out by Application Service provider (ASP), recognized or authorized by Ship's Flag Maritime Administration		0
	Description:		
A-36	The Log entries regarding last full muster of the crew for boat drill took place	SOLAS 74/96 reg. III/19.3.2	0
	Description:		
A-37	The Log entries regarding testing and drills of steering gear	SOLAS 74/00 reg. V/26	0
	Description:		
A-38	The Log entries regarding crew members on-board training	SOLAS 74/96 reg. III/19.4.1	0
	Description:		
A-39	The Log entries regarding last occasion when the lifeboats were swung out and when each one was lowered into the water	SOLAS 74/96/04 reg.III/19.3.3.3;20.7.1	0
	Description:		
A-40	The Log entries regarding examination of completion of lifeboat equipment at time of drills	SOLAS 74/96/04 reg. III/20.7.2	0
	Description:		
A-41	The Log entries regarding last full muster of the crew for fire drill took place	SOLAS 74/96 reg. III/19.3.2	0
	Description:		
A-42	Records of navigational activities	SOLAS 74/00/03 reg. V/28	0
	Description:		
A-42	Documentation regarding inspections carried out which applied to present survey are available on board:	Date of last inspection:	
	Description:		
a)	Renewal the launching falls of life-saving appliances (within time not exceeded 5 years or when necessary due to deterioration)		0
b)	Examining the inflatable liferafts by recognized body (within time not exceeded 12 months)		0
c)	Examining the hydrostatic release gears for inflatable life rafts by recognized body (within time not exceeded 12 months)		0
d)	Examining the inflated rescue boat by recognized body in accordance with the manufacturer's instructions		0
e)	Examining the marine evacuation system by recognized body in accordance with the manufacturer's instructions		0
f)	Examining the immersion suits by recognized body in accordance with the manufacturer's instructions		0
g)	Examining the self-contained breathing apparatuses by recognized body in accordance with the manufacturer's instructions		0
h)	Examining the voyage data recorder or simplified voyage data recorder (VDR / S-VDR) by recognized body (within time not exceeded 12 months)	(SOLAS 74/00/04 reg. V/18.8)	0
i)	Examining the fire extinguishers:	Date of last inspection:	
i-1)	Foam fire extinguishers		0
i-2)	Carbon dioxide fire extinguishers		0
i-3)	Powder fire extinguishers		0
j)	Checking the volume of the fire extinguishing medium for the fire-extinguishing systems (for the initial and renewal survey):	Date of last inspection:	
j-1)	Carbon dioxide system		0
j-2)	Halogenated hydrocarbon system		0
k)	Checking the quality of foam concentrate		0
A-43	Copy of Type Test Certificate of Sewage Treatment Plant	Res. MEPC.2(VI)	0
	Description:		
A-44	Copy of Sewage Treatment Plant Type Approval Certificate	Res. MEPC, 159(55)	0
	Description:		
A-45	Certificates of compliance of sewage comminution and disinfection plant		0
	Description:		
A-46	Technical description and operating manual for sewage communication and disinfection plant		0

	Description:		
A-47	Technical description and operating manual of the sewage treatment plant		0
	Description:		
A-48	Schematic diagram for sewage collecting, storage, treatment of sewage discharge		0
	Description:		
A-49	Calculation of sufficient capacity of holding tank (for Initial survey)		0
	Description:		
A-50	Approved rate of discharge of untreated sewage	MARPOL 73/78, Annex IV reg. 11.1.1, IMO Res. MEPC, 157(55)	0
	Description:		
A-51	Valid Certificate of compliance of equipment and arrangements of the ship with the requirements of Annex V to the MARPOL Convention		0
	Description:		
A-52	Garbage Management Plan	MARPOL Annex V reg. 9.2 GT $\geq$ 400 MARPOL Annex V reg. 9.2 Person on board $\geq$ 15	0
	Description:		
A-53	Garbage Record Book	MARPOL Annex V reg. 9.3 GT $\geq$ 400 MARPOL Annex V reg. 9.3 Person on board $\geq$ 15	0
	Description:		
A-54	Copies of Type Test Certificate of incinerator	Date of installation > 31.12.1999	0
	Description:		
A-55	Technical description and operation manual of incinerator		0
	Description:		
A-56	Technical description and operation manual of garbage treatment plant		0
	Description:		
A-57	Calculation of sufficient capacity of garbage collection facilities (for Initial survey)		0
	Description:		
A-58	Supplement to the International Air Pollution Prevention		0
	Description:		
A-59	Ozone Depleting Substances Record Book, (if applicable).	MARPOL Annex VI reg. 12.6	0
	Description:		
A-60	Engine International Air Pollution Prevention Certificate with supplement (for each engine required to be certified)		0
	Description:		
A-61	Approved NOx Technical file for each engine required to be certified		0
	Description:		
A-62	Bunker delivery notes	MARPOL Annex VI reg. 18	0
	Description:		
A-63	Copy of Type Approved Certificate of shipboard incinerator in accordance with MEPC.59 (33) or 76(40)	MARPOL Annex VI reg. 16(6)(1)	0
	Description:		
A-64	Instruction manual for each incinerator	MARPOL Annex VI reg. 16(7)	0
	Description:		
A-65	Confirmation that records documenting training of the crew in operating each incinerator, if required;		0
	Description:		
A-66	Confirm that there is a record of fuel change over in deck log-book (or in machinery log-book, or in other log-book prescribed by Administration) (the volume of low sulphur fuel oils in each tank as well as the date, time, and position of the ship when any fuel changeover operation is completed)	MARPOL Annex VI reg. 14(6)	0
	Description:		
A-67	Supplement to the International Oil Pollution Prevention Certificate		0
	Description:		
A-68	Copies of Type Test / Approval Certificates of:		
	Description:		
a)	100 ppm Separating equipment	IMO Resolution A.233(VII)	0
b)	Process unit	IMO Resolution A.393 (X) GT $\geq$ 400	0
A-69	Operating and maintenance manuals for the 15 ppm bilge separator and 15 ppm bilge alarm	IMO Resolution A.444(XI) GT $\geq$ 400	0

	Description:		
A-70	Oil Record Book, Part I	MARPOL Annex I reg.17.1 Other Ships,GT≥ 400	0
	Description:		
A-71	Shipboard Oil Pollution Emergency Plan (SOPEP)	MARPOL Annex I reg.37.1 Other Ships, GT ≥ 400	0
	Description:		
A-72	Copies of Type Test / Approval Certificates of:		
	Description:		
a)	15 ppm filtering equipment	IMO Resolution A.393(X) GT ≥ 400 IMO Res. MEPC.60(33) GT ≥ 400 IMO Res. MEPC.107(49) GT ≥ 400	0
b)	15 ppm Alarm	IMO Res. A.393(X) GT ≥ 400 IMO Res. MEPC.60(33) GT ≥ 400 IMO Res. MEPC.107(49) GT ≥ 400	0
A-73	The calibration certificate for 15 ppm alarm (at intervals not exceeding five years), issued by persons authorized by the manufacturer (for Renewal Survey)	IMO Resolution MEPC.107(49) GT ≥ 10000	0
	Description:		
A-74	Approved copy of the Ship Energy Efficiency Management Plan (SEEMP)	MARPOL Annex VI reg.22	0
	Description:		
B- Technical Requirements on Examination of Hull, Machinery and Equipment of the all Cargo Ships			
B-1	Hull structural arrangement, machinery and electrical installations and structural fire protection of the ship are in compliance with the approved plans (for the initial survey)		0
	Description:		
B-2	No alterations in the hull structural arrangement, machinery and electrical installations and structural fire protection of the ship since the last survey of the safety construction		0
	Description:		
B-3	Certificates of approval for new fitted equipment are submitted		0
	Description:		
B-4	Alterations are examined in accordance with the approved documentation and found in fit condition		0
	Description:		
B-5	Alterations are listed on the last page		0
	Description:		
B-6	Ship's administration oral confirmation that the new materials containing asbestos are not installed	SOLAS 74/00 reg. II-1/35	0
	Description:		
B-7	The Ship's Hull has been Overall Surveyed and found in fit condition:		
	Description:		
a)	Hull plating and its closing appliances		0
b)	Watertight penetrations		0
c)	Collision and the other watertight bulkheads (including test for water tightness, if applicable)		0
d)	Watertight doors and means of closing in watertight bulkheads (including test for water tightness, if applicable)		0
e)	Watertight decks, trunks, tunnels, duct keels, ventilators (including test for water tightness, if applicable)		0
f)	Operation of local and remote drive of the watertight doors in watertight bulkheads		0
g)	Sea valves and their connections to the hull (for Renewal Survey)		0
B-8	Cargo and ballast spaces have been internal examined and found in fit condition (for intermediate and Renewal Surveys):		
	Description:		
a)	Representative ballast tanks	Ships over 5 years of age	0
b)	Selected cargo spaces	Ships over 10 years of age, other than ships engaged in the carriage of dry cargoes	0
		Ships over 15 years of age, engaged in the carriage of dry cargoes	
B-9	Ship's equipment have been overall surveyed, checked in work and found in fit condition:		
	Description:		
a)	Anchoring equipment		0
b)	Mooring equipment	Ships constr. < 01.01.2007	0

c)	Towing and mooring equipment including marking of fittings and item	SOLAS 74/05 reg. II-1/3-8 Ships constr. $\geq$ 01.01.2007	0
B-10	Each bilge pump has been examined and tested in operation and found in fit condition	SOLAS 74/81 reg. II-1/21.3 Ships constr. $\geq$ 01.09.1984	0
	Description:		
B-11	Bilge pumping system of each watertight compartment has been tested in operation and found in fit condition	SOLAS 74/81 reg. II-1/21.1 Ships constr. $\geq$ 01.09.1984	0
	Description:		
a)	Additional requirements for bilge pumping system of closed vehicle, Ro-Ro spaces and spaces of special category where fixed pressure water-spraying system if fitted	SOLAS 74/04 reg. II-2/20.6.1.5 MSC.256(84) MSC.1/Circ.1320	0
B-12	Drainage from enclosed cargo spaces situated on the freeboard deck has been checked and found in fit condition	SOLAS 74/81 reg. II-1/21.1.6 Ships constr. $\geq$ 01.09.1984	0
	Description:		
B-13	Carrying out an inclining test (when it is required)	SOLAS 74/88 reg. II-1/22	0
	Description:		
B-14	Installation and protection of machinery, boilers, pressure vessels and associated piping systems have been examined and found satisfactory:		
	Description:		
a)	Protection of high-pressure fuel delivery lines	SOLAS 74/94 reg. II-2/15.2.9 Ship constr. 01.02.1992 - 30.06.2002 SOLAS 74/00 reg. II-2/4.2.2.5 Ships constr. $\geq$ 01.07.2002	0
b)	Isolation of hot surfaces	SOLAS 74/94 reg. II-2/15.2.10 Ships constr. 01.02.1992 - 30.06.2002 SOLAS 74/00 reg. II-2/4.2.2.6 Ships constr. $\geq$ 01.07.2002	0
c)	Screening of oil fuel lines	SOLAS 74/94 reg. II-2/15.2.11 Ships constr. 01.02.1992 - 30.06.2002 SOLAS 74/00 reg. II-2/4.2.2.5 Ships constr. $\geq$ 01.07.2002	0
d)	Alternative to the jacketed piping system	SOLAS 74/94 reg. II-2/15.2.12 Ship constr. 01.02.1992 - 30.06.2002	0
e)	Safety of steam boilers	SOLAS 74/81 reg. II-1/32	0
f)	Safety of steam lines	SOLAS 74/81 reg. II-1/33	0
g)	Safety of compressed air systems	SOLAS 74/81 reg. II-1/34	0
B-15	Confirmation that the normal operation of the propulsion machinery can be sustained or restored even though one of the essential auxiliaries becomes inoperative	SOLAS 74/96 reg. II-1/26.3	0
	Description:		
B-16	Confirmation that means are provided so that the machinery can be brought into operation from the dead ship condition without external aid	SOLAS 74/96 reg. II-1/26.4	0
	Description:		
B-17	Confirmation that machinery, boilers, all steam, hydraulic, pneumatic and other systems and their associated fittings are being properly maintained and with particular attention to the fire and explosion hazards	SOLAS 74/96 reg. II-1/26,27	0
	Description:		
B-18	Confirmation of providing the sufficient power for going astern, the ability of the machinery to reverse the direction of the thrust of the propeller in sufficient time and to bring the ship to rest within a reasonable distance, including the effectiveness of any supplementary means of maneuvering or stopping the ship (for initial survey)	SOLAS 74/96 reg. II-1/28	0
	Description:		
B-19	Main and auxiliary steering arrangements, including their associated equipment and control systems, have been examined and	SOLAS 74 reg. II-1/29(a)(c) Ships constr. $<$ 01.09.1984	0

	tested in operation and found in fit condition	SOLAS 74/81 reg. II-1/29.1 Ships constr. $\geq$ 01.09.1984	
	Description:		
B-20	Means of communication between the navigation bridge and steering gear compartment have been checked in work and found in fit condition	SOLAS 74/81 reg. II-1/29.10 Ships constr. $\geq$ 01.09.1984	0
	Description:		
B-21	Means of indicating the angular position of the rudder on navigating bridge have been checked in work and found in fit condition	SOLAS 74 reg. II-1/29(a)(iv); 29(c)(i) All dry cargo shipsShips constr. < 01.09.1984	0
	Description:		
B-22	Means of indicating the angular position of the rudder on navigating bridge and in steering room have been checked in work and found in fit condition	SOLAS 74/81 reg. II-1/29.11 Ships constr. $\geq$ 01.09.1984	0
	Description:		
B-23	Means of relaying heading information to the emergency steering position have been checked and found in fit condition	SOLAS 74/89 reg. V/12(f) Ships constr. < 01.02.1992	0
	Description:		
B-24	Means of relaying heading information and supplying visual compass readings to the emergency steering position have been checked and found in fit condition	SOLAS 74/89 reg. V/12(f) Ships constr. 01.02.1992 - 01.07.2002 SOLAS 74/00 reg. V/19.2.1.9; 19.2.5.2 Ships constr. $\geq$ 01.07.2002	0
	Description:		
B-25	Confirmation that the steering gear compartment is readily accessible, that it is separated, as far as practicable, from machinery spaces and is provided with suitable arrangements to ensure working access to steering gear machinery and controls under safe conditions, including handrails and gratings (for the initial survey)	SOLAS 74/81 reg. II-1/29.13 Ships constr. $\geq$ 01.09.1984	0
	Description:		
B-26	Means of indicating on the navigating bridge and at a main machinery control position that the motors are running and alarms required for hydraulic power-operated, electric and electro-hydraulic steering gears have been checked and found in fit condition	SOLAS 74/81 reg. II-1/29.5.2; 29.8.4; 29.12.2;30 Ships constr. $\geq$ 01.09.1984	0
	Description:		
B-27	Re-charging arrangements for hydraulic power-operated steering gears have been checked and found in fit condition	SOLAS 74/81 reg. II-1/29.12.3 Ships constr. $\geq$ 01.09.1984	0
	Description:		
B-28	Means of controlling by main and auxiliary machinery have been checked and found in fit condition	SOLAS 74/81 reg. II-1/31.1 Ships constr. < 01.07.1998 SOLAS 74/81 reg. II-1/31.1 Ships constr. $\geq$ 01.07.1998	0
	Description:		
B-29	Means of controlling by main machinery from the navigating bridge (if any) have been checked and found in fit condition	SOLAS 74/81 reg. II-1/31.2 Ships constr. < 01.07.1998 SOLAS 74/96 reg. II-1/31.2 01.07.1998 - 01.07.2004 SOLAS 74/02 reg. II-1/31.2 Ships constr. $\geq$ 01.07.2004	0
	Description:		
B-30	Means of controlling by main machinery from a machinery control room (if any) have been checked and found in fit condition	SOLAS 74/81 reg. II-1/31.2 Ships constr. < 01.07.1998 SOLAS 74/02 reg. II-1/31.2 Ships constr. $\geq$ 01.07.1998	0
	Description:		
B-31	Local means of controlling by main machinery have been checked and found in fit condition	SOLAS 74/81 reg. II-1/31.2.6	0
	Description:		

B-32	The means are provided for manually overriding automatic controls and that a failure does not prevent the use of the manual override (for the initial survey)	SOLAS 74/81 reg. II-1/31.4	0
	Description:		
B-33	Ventilation for the machinery spaces has been tested in operation and found in fit condition	SOLAS 74/81 reg. II-1/35 Ships constr. ≥ 01.09.1984	0
	Description:		
B-34	Efficiency of measures to prevent noise in machinery spaces has been examined and found satisfactory	SOLAS 74/81 reg. II-1/36 Ships constr. ≥ 01.09.1984	0
	Description:		
B-35	Engineer's alarm has been checked and found in fit condition	SOLAS 74/81 reg. II-1/38 Ships constr. ≥ 01.09.1984	0
	Description:		
B-36	Means of communication between the navigation bridge and the machinery spaces checked in operation and found in fit condition	SOLAS 74 reg. II-1/32 Ships constr. < 01.09.1984 SOLAS 74/81 reg. II-1/37.1 01.09.1984 - 01.09.1994	0
	Description:		
B-37	Means of communication between the navigation bridge and the machinery space or the control room from which the speed and direction of thrust of the propellers are normally controlled checked in operation and found in fit condition	SOLAS 74/92 reg. II-1/37.2 Ships constr. ≥ 01.10.1994	0
	Description:		
B-38	Confirmation that precautions, take to prevent any oil that may escape under pressure from any pump, filter or heater from coming into contact with heated surface, are efficient		0
	Description:		
B-39	Means of ascertaining the amount of oil contained in any oil tank are in good working condition		0
	Description:		
B-40	The devices provides to prevent overpressure in any oil tank or in any part of the oil system, including the filling pipes are in good working condition	SOLAS 74/00 reg. II-2/4.2.2.4	0
	Description:		
B-41	Confirmation that forepeak tanks are not intended for carriage of oil fuel, lubrication oil and other flammable oils		0
	Description:		
B-42	Electrical installations, including the main source of power and the lighting systems, have been examined visually and in operation and found in fit condition	SOLAS 74/81 reg. II-1/40, 41 Ships constr. < 01.07.1998 SOLAS 74/96 reg. II-1/40, 41 Ships constr. ≥ 01.07.1998	0
	Description:		
B-43	Emergency sources of electrical power have been examined visually and in operation and found in fit condition	SOLAS 74 reg. II-1/26 (a), (b) Ships constr. < 01.07.1984	0
	Description:		
B-44	Emergency sources of electrical power, including their starting arrangements, the supplied systems and their automatic operation, have been examined visually and in operation and found in fit condition	SOLAS 74/00 reg. II-1/43, 44 Ships constr. ≥ 01.09.1984	0
	Description:		
B-45	Maintenances of precautions against shock, fire and other hazards of electrical origin has been examined and found satisfactory	SOLAS 74 reg. II-1/27 (a),(c) Ships constr. < 01.09.1984 SOLAS 74/96 reg. II-1/45 Ships constr. ≥ 01.09.1984	0
	Description:		
B-46	Arrangements for periodically unattended machinery spaces have been examined and found satisfactory:		
	Description:		
a)	Fire precautions	SOLAS 74/81 reg. II-1/47	0
b)	Protection against flooding	SOLAS 74/81 reg. II-1/48	0
c)	Control of propulsion machinery from the navigating bridge	SOLAS 74/81 reg. II-1/49	0
d)	Communication	SOLAS 74/81 reg. II-1/50	0

e)	Alarm system	SOLAS 74/81 reg. II-1/51	0
f)	Safety systems	SOLAS 74/81 reg. II-1/52	0
g)	Special requirements for machinery, boiler & electrical installations	SOLAS 74/81 reg. II-1/53	0
B-47	All fire doors have been examined and found in fit condition	SOLAS 74/81 reg. II-2/47 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/9.4.2 Ships constr. ≥ 01.07.2002	
	Description:		
B-48	Automatic drives of fire doors have been tested in operation and found in fit condition	SOLAS 74/81 reg. II-2/47 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/9.4.2 Ships constr. ≥ 01.07.2002	
	Description:		
B-49	Means of closing the main inlets and outlets of all ventilation systems have been checked and found in fit condition	SOLAS 74/81 reg. II-2/48 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/5.2; 8.3;8.4; 9.7.5.2 Ships constr. ≥ 01.07.2002	
	Description:		
B-50	Means of stopping power ventilation systems from outside the space served have been tested in operation and found in fit condition	SOLAS 74/81 reg. II-2/48 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/5.2 Ships constr. ≥ 01.07.2002	
	Description:		
B-51	Means of escape from accommodation and service spaces have been examined and found satisfactory	SOLAS 74/81 reg. II-2/45 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/13 Ships constr. ≥ 01.07.2002	
	Description:		
B-52	Means of escape from machinery spaces have been examined and found satisfactory	SOLAS 74/81 reg. II-2/45 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/13 Ships constr. ≥ 01.07.2002	
	Description:		
B-53	Arrangements for gaseous fuel for domestic purposes have been examined and found satisfactory	SOLAS 74/81 reg. II-2/51 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/43 Ships constr. ≥ 01.07.2002	
	Description:		
B-54	Confirmation that all aspects of the helicopter facilities are installed in accordance with the approved plans	SOLAS 74/88 reg. II-2/18	0
Description:			
B-55	Any expansion joints in seawater systems have been visually examined and found in fit condition		0
Description:			
B-56	Water level detectors have been surveyed, tested and found in fit condition	SOLAS 74/05 reg. II-1/23-3 Single hold dry cargo ships other than bulk carriers Constr. < 01.07.1998 - L < 100 Constr. ≥ 01.07.1998 - L < 80	0
		Description:	
a)	Protection arrangements of sensors		0
b)	Protection of electrical cables and any associated equipment		0
c)	Maintenance of cleanliness of any filter element fitted to sensors		0
d)	Maintenance of permeability of protection arrangements covering the sensors		0
e)	Visual and audible alarm for the pre-alarm level from two independent electrical supplies		0
f)	Visual and audible alarm for the main alarm levels from two independent electrical supplies		0
B-57	Shipborne cargo securing facilities required by CSM have been examined and found in fit condition	Dry cargo ships carrying general cargoes	0
	Description:		

B-58	Performance of the specific requirements of Flag Administration with positive results		0
	Description:		
B-59	Conditions on which the Exemptions were given are remaining		0
	Description:		
C- Technical Requirements on Examination of Load Line of the Ship			
C-1	The ship's construction and equipment is in accordance with the approved plans (for the initial survey)		0
	Description:		
C-2	The inclining experiment has been carried out (for the initial survey)		0
	Description:		
C-3	No alterations in the construction and equipment which might influence on calculation determining the position of the load line since the last survey		0
	Description:		
C-4	Alterations are listed on last page		0
	Description:		
C-5	Alterations are examined in accordance with the approved documentation and found in fit condition		0
	Description:		
C-6	Position of the deck line has been checked and found in fit condition	LLC 66 reg.4	0
	Description:		
C-7	Position of the load lines has been checked and found in fit condition	LLC 66 reg. 5 to 9	0
	Description:		
C-8	Superstructure end bulkheads and the openings there in (doors, hatchways, covers and etc.) have been examined and found in fit condition:	LLC 66 reg. 11 and 12	0
	Description:		
a)	Forecastle		0
b)	Poop		0
c)	Other superstructures and deckhouses		0
C-9	Means of securing the weathertightness of cargo hatchways, other hatchways and other openings have been examined and found in fit condition:	LLC 66 reg. 13 and 14	0
	Description:		
a)	Coamings, portable beams, covers, carriers or sockets, cleats, battens, wedges, tarpaulins, means of cover securing (steel bars or steel rope lashing with tightening screw):	LLC 66 reg. 15	0
a-1)	Freeboard deck		0
a-2)	Forecastle deck		0
a-3)	Poop deck		0
a-4)	Other superstructure's and deckhouses' deck		0
b)	Coamings, weathertight steel covers and means for securing weathertightness:	LLC 66 reg.16	0
b-1)	Freeboard deck		0
b-2)	Forecastle deck		0
b-3)	Poop deck		0
b-4)	Other superstructure's and deckhouses' deck		0
c)	Machinery space openings:	LLC 66 reg.17	0
c-1)	Casings		0
c-2)	Coamings		0
c-3)	Doors		0
c-4)	Fiddly openings		0
c-5)	Steel covers		0
d)	Miscellaneous openings in freeboard and superstructure decks	LLC 66 reg.18	0
d-1)	Manholes including covers		0
d-2)	Flush scuttles including covers		0
d-3)	Other openings including deckhouses and companionways together with doors		0
C-10	Ventilators including their coamings and closing appliances have been examined and found in condition	LLC 66 reg.19	0
	Description:		
C-11	Air pipes including their coamings and closing appliances have been examined and found in fit condition	LLC 66 reg.20	0
	Description:		

C-12	Openings in the ship's side below the freeboard deck have been examined and found in fit condition:		
	Description:		
a)	Cargo ports and other similar openings including watertight integrity of the closures	LLC 66 reg.21	0
b)	Scuppers including pipes, valves, means for closing with indicators showing the valves are open or closed, garbage chutes, spurling pipes and cable lockers	LLC 66 reg. 22 LLC 66 reg. 22-1 LLC 66 reg. 22-2	0
c)	Sea inlets and discharges including pipes, valves, means for closing with indicators showing the valves are open or closed	LLC 66 reg. 22 Ship const. < 03.02.2000	0
		LLC 66/88 reg.22 Ship const. ≥ 03.02.2000	
C-13	Side scuttles together with their glasses and deadlights	LLC 66 reg. 23	0
	Description:		
C-14	Bulwarks, including freeing ports and their shutters have been examined and found in fit condition	LLC 66 reg.24	0
	Description:		
C-15	Means provided for the protection of the crew have been examined and found in fit condition:	LLC 66 reg. 25.25-1	0
	Description:		
a)	Deckhouses used for the accommodation of the crew		0
b)	Guard rails		0
c)	Bulwarks		0
d)	Gangways		0
e)	Life lines		0
C-16	Special requirements for ships of type “A” have been examined and found in fit condition:		0
	Description:		
C-17	Special requirements for ships permitted to sail with reduced freeboards have been examined and found in fit condition:		
	Description:		
a)	Machinery casings	LLC 66 reg. 26.1	0
b)	Gangways and access	LLC 66 reg. 26.2, 26.3	0
c)	Hatchways	LLC 66 reg. 26.4	0
d)	Freeing arrangements	LLC 66 reg. 26.5, 26.6	0
C-18	Fittings and appliances for timber deck cargoes have been examined and found in fit condition:		
	Description:		
a)	Construction of ship	LLC 66 reg. 43	0
b)	Uprights, lashings, sockets, eye plates	LLC 66 reg. 44.5-44.9 Ship const. < 03.02.2000	0
		LLC 66/88 reg. 44(5)-44(6) Ship const. ≥ 03.02.2000	
c)	Steering arrangements	LLC 66 reg. 44.12 Ship const. < 03.02.2000	0
		LLC 66 reg. 44(10) Ship const. ≥ 03.02.2000	
C-19	Performance of the specific requirements of Flag Administration with positive results		0
	Description:		
C-20	Conditions on which the International Load Line Exemption Certificate was issued are remaining		0
	Description:		
D - Technical Requirements on Examination of Safety Equipment of the ship			
D-1	There are no alterations in the Safety Equipment of the ship covered by the Record of Equipment on form “E” since the last survey of the safety equipment		0
	Description:		
D-2	Certificates of approval and necessary documentation for new fitted equipment are submitted		0
	Description:		
D-3	Alterations are listed on the last page		0
	Description:		
D-4	Alterations are examined in accordance with the approved documentation and found in fit condition		0
	Description:		
D.1 - Navigational systems and equipment			
D.1-1	The provision and disposition of navigational svstems and	SOLAS 74/00 reg. V/15	0

	equipment are in compliance with the approved plans (for initial survey):		
	Description:		
D.1-2	Ship borne navigational systems and equipment have been checked and found in fit condition:		
	Description:		
a)	Standard magnetic compass	SOLAS 74/81 reg. V/12(b)(i)(1) Ship GT ≥ 150 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/ 19.2.1.1 Ships constr. ≥ 01.07.2002	
b)	Steering magnetic compass	SOLAS 74/81 reg. V/12 (b)(i)(2) Ship GT ≥ 150 Ships constr. < 01.07.2002	0
c)	Checking the minimum safe distance from the steering and standard magnetic compasses for all electrical equipment are complied with (at the distance up to 5 m)(for the initial survey):	SOLAS 74/00 reg. V/17 (ISO 694, p.6.6) Ships constr. ≥ 01.07.2002	0
d)	Spare magnetic compass	SOLAS 74/81 reg. V/12(b)(iii) Ship GT ≥ 150 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/19.2.2.1 Ship GT ≥ 150 Ships constr. ≥ 01.07.2002	
e)	Gyro compass	SOLAS 74/81 reg. V/12(e) Ship GT ≥ 1600 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. V/12(d) Ship GT ≥ 500 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. V/19.2.5.1 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	
f)	Gyro compass steering repeater	SOLAS 74/81 reg. V/12(e) Ship GT ≥ 1600 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. V/12(d)(i) Ship GT ≥ 500 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. V/19.2.5.2 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	
g)	Gyro compass bearing repeater	SOLAS 74/81 reg. V/12(e) Ship GT ≥ 1600 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. V/12(d)(ii) Ship GT ≥ 1600 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. V/19.2.5.3 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	
h)	Gyro compass heading repeater, or other means, to supply heading information visually at the emergency steering position if provided	SOLAS 74/81/89 reg. V/12(f) Ship GT ≥ 500 01.02.1992 - 01.07.2002	0
		SOLAS 74/00 reg. V/19.2.19 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	
i)	Heading or track control system	SOLAS 74/00 reg. V/19.2.8.2 Ship GT ≥ 10000 Ship constr. ≥ 01.07.2002	0
j)	Use of the heading or track control system	SOLAS 74/81 reg. V/19, 19-2	0

		Ships constr. < 01.07.2002	
		SOLAS 74/00 reg. V/24, 26	
		Ships constr. ≥ 01.07.2002	
k)	Pelorus or compass bearing device	SOLAS 74/81 reg. V/12(b)(i)(4) Ship GT ≥ 150 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/19.2.1.2 Ships constr. ≥ 01.07.2002	
l)	Means of correcting heading and bearings	SOLAS 74/81 reg. V/12(b)(ii) Ship GT ≥ 150 Ships constr. < 01.07.2002	0
		SOLAS 74/100 reg. V/19.2.1.3 Ships constr. ≥ 01.07.2002	
m)	Transmitting heading device (THD)	SOLAS 74/00 reg. V/19.2.3.5 Ship GT ≥ 300 Ships constr. ≥ 01.07.2002	0
n)	Nautical charts	SOLAS 74 reg. V/20 Ship constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/19.2.1.4 Ships constr. ≥ 01.07.2002	
o)	Updated charts necessary for the intended voyage	SOLAS 74/ reg. V/20 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/27 Ships constr. ≥ 01.07.2002	
p)	Electronic chart display and information system (ECDIS)	SOLAS 74/00 reg. V/19.2.1.4 Cargo (other than tankers): GT ≥ 10000- constr. ≥ 01.07.2013; 3000 ≤ GT < 10000- constr. ≥ 01.07.2014; 10000 ≤ GT < 20000- constr. < 01.07.2013 - first survey on or after 01.07.2018 20000 ≤ GT < 50000 - constr. < 01.07.2013 - first survey on or after 01.07.2017; GT ≥ 50000 - constr. < 01.07.2013 - first survey on or after 01.07.2016.	0
q)	Back up arrangements for ECDIS:	SOLAS 74/00 reg. V/19.2.1.5	0
r)	Nautical publications	SOLAS 74 reg. V/20 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/19.2.1.4 Ships constr. ≥ 01.07.2002	
s)	Updated nautical publications necessary for the intended voyage	SOLAS 74 reg. V/20 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/27 Ships constr. ≥ 01.07.2002	
t)	Back up arrangements for electronic nautical publications	SOLAS 74/00 reg. V/19.2.1.5	0
u)	Receiver for a global navigation satellite system/terrestrial/radio nav. System	SOLAS 74/00 reg. V/19.2.1.6	0
v)	9 GHz radar installation	SOLAS 74/81/88 reg. V/12(g) Ship GT ≥ 1600 Ships constr. < 01.09.1984	0
		SOLAS 74/81/88 reg. V/12(g) Ship GT ≥ 500 (Ship constr. 01.09.1984-01.02.1995) Ship GT ≥ 300 (Ship constr. ≥ 01.02.1995)	
		SOLAS 74/00 reg. V/19.2.3.2 Ship GT ≥ 300 Ships constr. ≥ 01.07.2002	

w)	Second radar installation (3 GHz or 9 GHz)	SOLAS 74/81/88 reg. V/12 (h) Ship GT ≥ 10000 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. V/19.2.7.1 Ship GT ≥ 3000 Ships constr. $\geq 01.07.2002$	
x)	Automatic radar plotting aid (ARPA)	SOLAS 74/81 reg. V/12(j)(i) Dry cargo Ship GT ≥ 15000 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. V/12(j)(i) Ship GT ≥ 10000 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. V/19.2.8.1 Ship GT ≥ 10000 Ships constr. $\geq 01.07.2002$	
y)	Automatic tracking aid	SOLAS 74/00 reg. V/19.2.5.5 Ship GT ≥ 500 Ships constr. $\geq 01.07.2002$	0
z)	Second automatic tracking aid	SOLAS 74/00 reg. V/19.2.7.2 Ship GT ≥ 3000 Ships constr. $\geq 01.07.2002$	0
aa)	Electric plotting aid	SOLAS 74/00 reg. V/19.2.3.3 Ship GT ≥ 300 Ships constr. $\geq 01.07.2002$	0
bb)	Automatic identification system (AIS)	SOLAS 74/00 reg. V/19. 2.4 Ship GT ≥ 300	0
cc)	Voyage data recorder (VDR)	SOLAS 74/00 reg. V/20.1 Ship GT ≥ 3000 Ships constr. $\geq 01.07.2002$	0
dd)	Voyage data recorder (VDR) / Simplified VDR (S-VDR)	SOLAS 74/00/04 reg. V/20.2 Ship GT ≥ 3000 Ships constr. < 01.07.2002	0
ee)	Speed and distance measuring device (through the water)	SOLAS 74/81 reg. V/12(l) Dry cargo ship GT ≥ 15000 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. V/12(l) Ship GT ≥ 10000 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. V/19.2.3.4 Ship GT ≥ 300 Ships constr. $\geq 01.07.2002$	
ff)	Speed and distance measuring device (over the ground in the forward and athwartships direction)	SOLAS 74/00 reg. V/19.2.9.2 Ship GT ≥ 50000 Ships constr. $\geq 01.07.2002$	0
gg)	Echo sounding device / Hand lead (Bolt) with 45m/25 fathom of marked line	SOLAS 74/81 reg. v/12(k) Ship GT ≥ 1600 Ships constr. < 25.05.1980	0
		SOLAS 74/81 reg. V/12(k) Ship GT ≥ 500 25.05.1980 - 01.07.2002	
		SOLAS 74/00 reg. V/19.2.3.1 Ship GT ≥ 300 Ships constr. $\geq 01.07.2002$	
hh)	Rudder angle indicator	SOLAS 74/81 reg. V/12 (m) Ship GT ≥ 1600 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. V/12(m) Ship GT ≥ 500 01.09.1984 - 01.07.2002	

		SOLAS 74/00 reg. V/19.2.5.4 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	
ii)	Propeller rate of revolution indicator	SOLAS 74/81 reg. V/12 (m) Ship GT ≥ 1600 Ships constr. < 01.09.1984 SOLAS 74/81 reg. V/12(m) Ship GT ≥ 500 01.09.1984 - 01.07.2002 SOLAS 74/00 reg. V/19.2.5.4 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	0
jj)	Pitch and operational mode indicators of variable pitch propellers	SOLAS 74/81 reg. V/2(m) Ship GT ≥ 1600 Ships constr. < 01.09.1984 SOLAS 74/81 reg. V/12(m) Ship GT ≥ 500 01.09.1984 - 01.07.2002 SOLAS 74/00 reg. V/19.2.5.4 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	0
kk)	Operational mode indicators of lateral thrust propellers	SOLAS 74/81 reg. V/12(m) Ship GT ≥ 1600 Ships constr. < 01.09.1984 SOLAS 74/81 reg. V/12(m) Ship GT ≥ 500 01.09.1984 - 01.07.2002 SOLAS 74/00 reg. V/19.2.5.4 Ship GT ≥ 500 Ships constr. ≥ 01.07.2002	0
ll)	Rate-of-turn indicator	SOLAS 74/81 reg. V/12(n) Ship GT ≥ 100000 01.09.1984 - 01.07.2002 SOLAS 74/00 reg. V/19.2.9.1 Ship GT ≥ 50000 Ships constr. ≥ 01.07.2002	0
mm)	Sound reception system (when bridge is totally enclosed)	SOLAS 74/00 reg. V/19.2.1.8 Ships constr. ≥ 01.07.2002	0
nn)	Telephone, or other means, to communicate heading information to the emergency steering position, if provided	SOLAS 74/81/89 reg. V//12(f) Ships constr. < 01.07.2002 SOLAS 74/00 reg. V/19.2.1.9 Ships constr. ≥ 01.07.2002	0
oo)	Daylight signaling lamp	SOLAS 74 reg. V/11 Ship GT ≥ 150 Ships constr. < 01.07.2002 SOLAS 74/00 reg. V/19.2.2.2 Ship GT ≥ 150 Ships constr. ≥ 01.07.2002	0
pp)	Long-range identification and trading of ships (LRIT) & CTR	SOLAS 74/06 reg. V/19-1 Ship GT ≥ 300	0
qq)	Bridge navigational watch alarm system (BNWAS)	SOLAS 74/06 reg. V/19-3 Ships constr. ≥ 01.07.2011 Ship GT ≥ 150; Ships constr. < 01.07.2011 150 ≤ GT < 500 - first survey after 01.07.2014; Ships constr. < 01.07.2011 500 ≤ GT < 3000 - first survey after 01.07.2013; Ships constr. < 01.07.2011 GT ≥ 3000 - first survey after 01.07.2012	0

		Ships constr. < 01.07.2002 150≤ GT < 500 - first survey after 01.01.2018; Ships constr. < 01.07.2002 500≤GT<3000 - first survey after 01.01.2017; Ships constr. < 01.07.2002 GT ≥ 3000 - first survey after 01.01.2016	
rr)	Equipment is carried on ships in addition	SOLAS 74/00 reg. V/18.7	0
D.1-3	Checking the electromagnetic compatibility of electrical and electronic equipment on or in the vicinity of the bridge (for the initial survey)	SOLAS 74/00 reg. V/17 Ships constr. ≥ 01.07.2002	0
	Description:		
D.1-4	Checking of the navigation bridge visibility (for the initial survey)	SOLAS 74/00 reg. V/22 Ships constr. ≥ 01.07.1998	0
	Description:		
D.1-5	Means of embarkation on and disembarkation from ship are checked and found in fit condition:		
	Description:		
a)	Accommodation ladder	SOLAS 74/00 reg. II-1/3-9	0
b)	Gangways	SOLAS 74/00 reg. II-1/3-9	0
c)	Means of embarkation on and disembarkation from ship are tested (enter the last date of test)		0
d)	Pilot ladder	SOLAS 74/00 reg. V/23.3.3.1	0
e)	Mechanical pilot hoist	SOLAS 74/00 reg. V23.3.3.3,23.6	0
f)	Access to the ship’s deck	SOLAS 74/00 reg. V/23.4	0
g)	Associated equipment	SOLAS 74/00 reg. V/23.7	0
h)	Lighting	SOLAS 74/00 reg. V23.8	0
D.1-6	Performance of the specific requirements of Flag Administration with positive results		0
	Description:		
D.1-7	Conditions on which the Exemptions were given are remaining		0
	Description:		
D.2 - Fire-fighting systems, equipment and outfit			
D.2-1	The provision and disposition of fire-fighting systems, equipment and outfit are in compliance with the approved plans (for the initial survey)		0
	Description:		
D.2-2	Fire-fighting equipment and outfit (in accordance with the Record of Approved Safety Equipment 4.1.2) have been examined and found in fit condition:		
	Description:		
a)	Fire pumps	SOLAS 74 reg. II-2/5(b)(i); 52(a); 52(b)(i) Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. II-2/4.3 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. II-2/10.2.2 Ships constr. ≥ 01.07.2002	
b)	Emergency fire pump	SOLAS 74 reg. II-2/52(b)(ii) Ship GT ≥ 2000 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. II-2/4.3.3.2 Ship GT ≥ 2000 01.09.1984 - 01.07.2002	
		SOLAS 74/81 reg. II-2/4.3.3.3.1 Ship GT< 2000 Ships constr. ≥ 01.10.1994	
		SOLAS 74/00 reg.II-2 /10.2.2.3.1.2 FSS Code Ch. 12, reg. 2.2.2 Ships constr. ≥ 01.07.2002	
c)	Fire main and hydrants	SOLAS 74 reg. II-2/5(c), 5(d), 5(e), 52(b) Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. II-2/4.3,4.5,4.6	

		01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. II-2/10.2.1 Ships constr. $\geq$ 01.07.2002	
d)	Fire hoses and nozzles	SOLAS 74 reg. II-2/5(f), 5(g), 52(c) Ships constr. $<$ 01.09.1984	0
		SOLAS 74/81 reg. II-2/4.7, 4.8 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. II-2/10.2.3 Ships constr. $\geq$ 01.07.2002	
e)	International shore connection	SOLAS 74/81 reg. II-2/19 Ships constr. $<$ 01.07.2002	0
		SOLAS 74/00 reg. II-2/10.2.1.7 FSS Code, Ch.3, reg.2.1 Ships constr. $\geq$ 01.07.2002	
f)	Fireman's outfits n if all fully equipped, Stowage location, Number, Next service date	SOLAS 74/81/96 reg. II-2/17 Ships constr. $<$ 01.07.2002	0
		SOLAS 74/00 reg. II-2/10.10 FSS Code Ch.3, reg. 2.1 Ships constr. $\geq$ 01.07.2002	
g)	Cylinders, including the spare cylinders of the self-contained breathing apparatuses are suitably chafed		0
h)	Emergency Escape Breathing Devices (EEBD), Number, Next service date	SOLAS 74/00 reg. II-2/13.3.4;13.4.3 FSS Code, Chapter 3, reg. 2.2	0
i)	Fire extinguishers in accordance with the Fire plan	SOLAS 74/88 reg. II-2/6 Ships constr. $<$ 01.07.2002	0
		SOLAS 74/00 reg. II-2/10.3 FSS Code Chapter 4 Ships constr. $\geq$ 01.07.2002	
D.2-3	Fire-fighting systems have been examined and found in fit condition:		0
a)	Fire-fighting systems for the <u>dry (non Ro-Ro) cargo spaces</u> :	SOLAS 74 reg. II-2/52(f) Ship GT $\geq$ 2000 Ships constr. $<$ 01.09.1984	0
		SOLAS 74/81 reg. II-2/53.1.1 GT $\geq$ 2000 / 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. II-2/10.7.1.3 GT $\geq$ 2000/Ships constr. $\geq$ 01.07.2002	
a-1)	Carbon dioxide system, Stowage location, Next service date		0
a-2)	Halogenated hydrocarbon system, Stowage location, discharge record, Next service date	For ships constructed before 01.09.1994, only	
a-3)	Other fire-fighting system:		0
a-4)	The installation tests have been satisfactorily completed (for the initial survey)		0
a-5)	Operation means of systems are clearly marked		0
b)	Fire-fighting systems for the <u>cargo spaces in a ships engaged in the carriage of dangerous goods on deck or in cargo spaces</u> :	SOLAS 74/81/96 reg. II-2/53.1.2 Ships constr. $<$ 01.07.2002	0
		SOLAS 74/00 reg. II-2/10.4; 10.7.2 FSS Code Chapters 5-7 Ships constr. $\geq$ 01.07.2002	
b-1)	Carbon dioxide system, Stowage location, Next service date		0
b-2)	Halogenated hydrocarbon system, Stowage location, discharge record, Next service date	For ships constructed before 01.09.1994, only	0
b-3)	Other fire fighting system:		0
b-4)	The installation tests have been satisfactorily completed (for the initial survey)		0
b-5)	Operation means of systems are clearly marked:		0
c)	Fire-fighting systems for the <u>Ro-Ro cargo spaces</u> :	SOLAS 74/81 reg. II-2/53.2.2; 53.3 Ships constr. $<$ 01.07.2002	0
		SOLAS 74/00 reg. II-2/20.6.1 FSS Code Chapters 5-7 Ships constr. $\geq$ 01.07.2002	

c-1)	Carbon dioxide system, Stowage location, Next service date		0
c-2)	Halogenated hydrocarbon system, Stowage location, discharge record, Next service date	For ships constructed before 01.09.1994, only	0
c-3)	Other fire fighting system:		0
c-4)	The installation tests have been satisfactorily completed (for the initial survey)		0
c-5)	Operation means of systems are clearly marked:		0
d)	Fire-fighting system for <i>protection of the machinery and boiler spaces</i> :	SOLAS 74 reg. II-2/52(g), 52(h) Ship GT ≥ 1000 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. II-2/7 Ship GT ≥ 1000, 01.09.1984 - 01.07.2002	
		SOLAS 74/00 reg. II-2/10.4.1; 10.5 FSS Code Chapters 5-7 Ships constr. ≥ 01.07.2002	
d-1)	Pressure water-spraying system		0
d-2)	Carbon dioxide system, Stowage location, Next service date		0
d-3)	Halogenated hydrocarbon system, Stowage location, discharge record, Next service date	For ships constructed before 01.09.1994, only	0
d-4)	Foam fire-extinguishing system	For ships constructed before 01.09.1994, only	0
d-5)	High-expansion foam fire-extinguishing system		0
d-6)	Fixed local application system	SOLAS 74/00 reg. II-2/10.5.6 Ship GT ≥ 2000 Ships constr. ≥ 01.07.2002	0
d-7)	Other fire-fighting system:		0
d-8)	The installation tests have been satisfactorily completed (for the initial survey)		0
d-9)	Operation means of systems are clearly marked:		0
e)	Fire-fighting systems for spaces contained:	SOLAS 74/81/89 reg. II-2/18.7 SOLAS 74/00 reg. II-2/10.6.4 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/10.6.3, 10.6.4 FSS Code Chapters 5-7 Ships constr. ≥ 01.07.2002	
e-1)	Paint:		0
e-2)	Flammable liquids:		0
e-3)	Deep-fat cooking equipment in accommodation and service spaces (new installed after 01.07.2002):		0
e-4)	The installation tests have been satisfactorily completed (for the initial survey)		0
D.2-4	Special arrangements in the machinery spaces have been examined and found in fit condition:		0
a)	Operation of the means of control provided for:	SOLAS 74 reg. II-2/54(a), 54(c) Ships constr. < 01.09.1984	0
a-1)	Stopping ventilating fans serving machinery and cargo spaces		0
a-2)	Closing of doorways		0
a-3)	Closing of ventilators		0
a-4)	Closing of annular spaces around funnels		0
a-5)	Closing of other openings to machinery spaces		0
a-6)	Closing the valves on the tanks that contain oil fuel, lubricating oil and other flammable oils		0
b)	Operation of the remote means of control provided for:	SOLAS 74 reg. II-2/54 (b) Ships constr. < 01.09.1984	0
b-1)	Stopping forced and induced draught fans		0
b-2)	Stopping oil fuel transfer pumps, oil fuel unit pumps and other similar fuel pumps		0
c)	Operation of the remote means of control provided for:	SOLAS 74/81 reg. II-2/11, 15.2.5 01.09.1984 - 01.07.2002	0
		SOLAS 74/00 reg. II-5.2, 8.3, 9.5, 4.2.2.3.4 Ships constr. ≥ 01.07.2002	
c-1)	Opening and closure of skylights:		0
c-2)	Closure of openings in funnels which normally allow exhaust ventilation:		0

c-3)	Closure of ventilation dampers:		0
c-4)	Permitting the release of smoke:		0
c-5)	Closing power-operated doors:		0
c-6)	Actuating release mechanism on doors other than power-operated water tight doors:		0
c-7)	Stopping ventilating fans:		0
c-8)	Stopping forced and induced draught fans:		0
c-9)	Stopping oil fuel transfer pumps, oil fuel unit pumps and other similar fuel pumps:		0
c-10)	Closing the valves on the tanks that contain oil fuel, lubricating oil and other flammable oils:		0
D.2-5	Fire-detection and alarm systems have been examined, tested and found in fit condition:	SOLAS 74/81 reg. II-2/11, 13,14 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/7.2, 7.3, 7.4, 7.5.1, 7.5.5; FSS Code Chapter 9 Ships constr. ≥ 01.07.2002	
		Description:	
a)	Visual and audible fault signal of the control over power supplies and electric circuits:		0
b)	Displaying of the information about the spaces covered and the location of the sections:		0
c)	Suitable instructions and components spares for testing and maintenance:		0
d)	All fixed fire detections and fire alarm system are capable of immediate operation at all times:		0
D.2-6	Fire-detection and alarm systems for the <i>Ro-Ro cargo spaces</i> have been examined, tested and found in fit condition:	SOLAS 74/81/83/88 reg. II-2/53 01.02.1992 - 01.07.2002	0
		SOLAS 74/00 reg. II-2/20.4 FSS Code Chapter 9 Ships constr. ≥ 01.07.2002	
		SOLAS 74/00 reg. II-2/19.3.3 FSS Code Chapter 9 Ships constr. ≥ 01.07.2002	
		Description:	
D.2-7	Helicopter facilities have been examined and found in fit condition:	SOLAS 74/81/89/96 reg. II-2/18.8 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/18 Ships constr. ≥ 01.07.2002	
		Description:	
a)	Structure:		0
b)	Means of escape:		0
c)	Fire-fighting appliances:		0
d)	Drainage facilities:		0
e)	Helicopter refueling and hangar facilities:		0
f)	Operations manual and fire-fighting service:		0
D.2-8	Fire extinguishing medium volume for fire-extinguishing systems visually checked and found in order:		
	Description:		
a)	Foam System:		0
b)	Halogenated hydrocarbon system, Stowage location, discharge record, Next service date:		0
D.2-9	Distribution pipe work of fire-extinguishing systems has been examined and found in fit condition (for Periodical and Renewal Surveys):		
	Description:		
a)	Carbon dioxide system, Stowage location, Next service date		0
b)	Halogenated hydrocarbon system, Stowage location, discharge record, Next service date		0
c)	Inert gas system:		0
d)	Foam system:		0
D.2-10	Inert gas system has been examined and found in fit condition:		
	Description:		
a)	Examining externally for any sign of gas or effluent leakage:		0
b)	Confirming the proper operation of both inert gas blowers:		0
c)	Observing the operation of the scrubber-room ventilation system:		0
d)	Checking the deck water seal for automatic filling and draining:		0
e)	Examining the operation of all remotely operated or automatically controlled valves and, in particular, the flue gas isolating valves:		0

f)	Observing a test of the interlocking feature of soot blowers:		0
g)	Observing that the gas pressure regulating valve automatically closes when the inert gas blowers are secured:		0
h)	Checking, as far as practicable, the following alarms and safety devices of the inert gas system, using simulated conditions where necessary:		
h-1)	High oxygen content of gas in the inert gas main:		0
h-2)	Low gas pressure in the inert gas:		0
h-3)	Low pressure in the supply to the deck water seal:		0
h-4)	High temperature of gas in the inert gas main:		0
h-5)	Low water pressure or low water-flow rate:		0
h-6)	Accuracy of portable and fixed oxygen-measuring equipment by means of calibration gas:		0
h-7)	High water level in the scrubber:		0
h-8)	Failure of the inert gas blowers:		0
h-9)	Failure of the power supply to the automatic control system for the gas regulating valve and to the instrumentation for continuous indication and permanent recording of pressure and oxygen content in the inert gas main:		0
h-10)	High pressure of gas in the inert gas main:		0
h-11)	Examining the deck water seal for the inert gas system internally and checking the condition of the non-return valve (for Renewal Survey): v		0
i)	Checking, when practicable, the proper operation of the inert gas system on completion or the check listed above:		0
D.2-11	Additional fire-extinguishing means for <i>Ro-R0 cargo spaces</i> have been examined and found in fit condition:	SOLAS 74/81/83/86 reg.II-2/45.2, 53.2.2.3, 53.2.2.4, 53.2.3, 53.2.4 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/13.6, 20.3, 20.6 Ships constr. ≥ 01.07.2002	
	Description:		
a)	Means of escape:		0
b)	Portable fire extinguishers:		0
c)	Water fog applicators:		0
d)	Portable foam applicator unit:		0
e)	Separated power ventilation system:		0
f)	Precautions against ignition of flammable vapours:		0
D.2-12	Confirmation that performance of the special arrangements for carrying a dangerous goods is designated Check List		0
D.2-13	Fire-extinguishing appliances are kept in good order and available for immediate use at all times during the voyage	SOLAS 74/91 reg. II-2/21 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/14 Ships constr. ≥ 01.07.2002	
	Description:		
D.2-14	Performance of the specific requirements of Flag Administration with positive results		0
D.2-15	Description:		0
	Conditions on which the Exemptions were given are remaining		
D.3 - Life-saving appliances			
D.3-1	The provision and disposition of LSA are in compliance with the approved plans (for the initial survey)		0
D.3-2	Description:		
	Communications have been examined, checked in operation and found in fit condition:		
a)	Two-way VHF radiotelephone apparatus:	SOLAS 74/96 reg. III/6.2.1	0
a-1)	Expiry date of battery		0
D.3-3	Survival craft search and rescue locating device have been examined and found in fit condition:	SOLAS 74/96 reg. III/6.2.2	
a)	Description:		
	Radar search and rescue transponder:		
a-1)	Expiry date of battery		0
b)	AIS search and rescue transmitter (AIS-SART):		0
b-1)	Expiry date of battery		
D.3-4	Notification system	SOLAS 74 reg. III/19(a)(iii), 19(b)(iv) Ships	0

		constr. < 01.07.1986	
		SOLAS 74/83 reg. III/6.4.1	
		01.07.1986 - 01.07.1998	
	Description:		
D.3-5	on-board communications	SOLAS 74/96 reg. III/6.4.1, 6.4.4 Ships constr. ≥ 01.07.1998	0
	Description:		
D.3-6	General emergency alarm system examining and checking the operation of onboard communications equipment and verifying that the general alarm system is audible in accommodation, normal crew working spaces and on open decks	SOLAS 74/83 reg. III/6.4.2 & reg. III/6, 18 & 35; LSA Code sections 3.1 & 7.1 01.07.1986 - 01.07.1998	0
		SOLAS 74/96 reg. III/6.4.2; LSA Code Ch. VII, reg. 7.2.1 Ships constr. ≥ 01.07.1998	
	Description:		
D.3-7	Public address system	SOLAS 74/96 reg. III/6.4.2; LSA Code Ch. VII, reg. 7.2.2 Ships constr. ≥ 01.07.1998	0
	Description:		
D.3-8	Muster lists and emergency instructions are exhibited in conspicuous places throughout the ship including the navigation bridge, engine-room and crew accommodation spaces:	SOLAS 74/96 reg. III/8, 37	0
	Description:		
D.3-9	Posters or signs, that illustrate the purpose of controls and the procedures for operating the appliance and give relevant instructions or warnings, are available on the survival craft and on their launching controls:	SOLAS 74/96 reg. III/9, 20	0
	Description:		
D.3-10	Posters or signs are easily seen under emergency lighting conditions, and they use symbols in accordance with the recommendations of IMO:	SOLAS 74/96 reg. III/9	0
	Description:		
D.3-11	Stowage location for life-saving equipment are duly marked	SOLAS 74/96 reg. III/20.10 Ships constr. ≥ 01.07.1998	0
	Description:		
D.3-12	Each lifeboat has been examined and found in fit condition:		
	Description:		
a)	Arrangement and condition in general:		0
b)	Equipment in accordance with the Record of form 4.1.2, including expiry date of:		0
b-1)	Food ration (10000 kJ for each person)		0
b-2)	First-aid outfits' medicine		0
b-3)	Parachute red signals (4 pcs.)		0
b-4)	Red hand flares (6 pcs.)		0
b-5)	Buoyant smoke orange signals (2 pcs.)		0
c)	Lifeboats' fittings:		
c-1)	Lifelines	SOLAS 74 reg. III/11(a)(viii) Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/7.7.3 01.07.1986 - 01.07.1998	
		LSA Code Ch. IV, Para 4.4.7.3 Ships constr. ≥ 01.07.1998	
c-2)	Bottom handholds and grab lines	SOLAS 74 reg. III/11 (a)(xvi) Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/41.7.4 01.07.1986-01.07.1998	
		LSA Code Ch. IV, Para 4.4.7.4 Ships constr. ≥ 01.07.1998	
c-3)	Boarding ladders	SOLAS 74 reg. III/11(d) Ships constr. < 01.07.1986	0

		SOLAS 74/83 reg. III/41.3.3 01.07.1986 - 01.07.1998	
		LSA Code Cha. IV, Para 4.4.3.3 Ships constr. $\geq$ 01.07.1998	
c-4)	Non-skid coverings	SOLAS 74/83 reg. III/41.3.5 Ships constr. $<$ 01.07.1998	0
		LSA Code Cha. IV, Para 4.4.3.5 Ships constr. $\geq$ 01.07.1998	
c-5)	Fire-resisting casing for engine	SOLAS 74 reg. III/9(a)(ii) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/41.6.9 01.07.1986 - 01.07.1998	
		LSA Code Ch. IV, Para 4.4.6.9 Ships constr. $\geq$ 01.07.1998	
c-6)	protection of starter batteries	SOLAS 74/83 reg. III/41.6.9 Ships constr. $<$ 01.07.1998	0
		LSA Code Ch. IV, Para 4.4.6.9 Ships constr. $\geq$ 01.07.1998	
c-7)	Means for recharging of batteries	SOLAS 74/83 reg. III/41.6.11 Ships constr. $<$ 01.07.1998	0
		LSA Code Ch. IV, Para 4.4.6.11 Ships constr. $\geq$ 01.07.1998	
c-8)	Water-resistant instruction for operating the engine	SOLAS 74/83 reg. III/41.6.12 Ships constr. $<$ 01.07.1998	0
		LSA Code Ch. IV, Para 4.4.6.12 Ships constr. $\geq$ 01.07.1998	
c-9)	Embarkation appliances (ladders)	SOLAS 74 reg. III/19(a)(i) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/11.7 01.07.1986 - 01.07. 1998	
		SOLAS 74/96 reg. III/11.7 Ships constr. $\geq$ 01.07.1998	
c-10)	Means for bringing the lifeboats against the ship's side	SOLAS 74 reg. III/36(h) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/11.8 01. 07.1986 - 01.07.1998	
		SOLAS 74.96 reg. III/11.8 Ships constr. $\geq$ 01.07.1998	
c-11)	Life boat markings	SOLAS 74 reg. III/20(a) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/41.9 01.07.1986 - 01.07. 1998	
		LSA Code Ch. IV, Para 4.4.9 Ships constr. $\geq$ 01.07.1998	
c-12)	Retro-reflective material	LSA Code Ch. I, Para 1.2.2.7	0
c-13)	Launching appliances, (Type, Maker, SWL) (Winch Maker, SWL, SN) (Wire length, size, braking load):	SOLAS 74 reg. III/36(b) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/15.1, 15.2, 15.4, 48.1.3, 48.1.4 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg. III/16.1, 16.2, 16.4; LSA Code Ch. VI, Para 6.1.2.2 Ships constr. $\geq$ 01.07.1998	
c-14)	Launching skates	SOLAS 74 reg. III/36(g) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/41.7.9 01.07.1986 - 01.07.1998	
		LSA Code Ch. IV, Para 4.4.7.9 Ships constr. $\geq$ 01.07.1998	

c-15)	Lifelines	SOLAS 74 reg. III/36(j) Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/15.10 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg.III/16.10 Ships constr. ≥ 01.07.1998	
c-16)	Release devices	SOLAS 74 reg. III/36(j) Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/41.7.6 01.07.1986 - 01.07.1998	
		LSA Code Ch. IV, Para 4.4.7.6 Ships constr. ≥ 01.07.1998	
c-17)	Davits' safety devices	SOLAS 74 reg. III/36(k) Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/48.2.5 01.07.1986 - 01.07.1998	
		LSA Code Ch. VI, Para 6.1.2.7 Ships constr. ≥ 01.07.1998	
c-18)	Hand gear of winch	SOLAS 74/83 reg. III/48.2.4 Ships constr. < 01.07.1998	0
		LSA Code Ch. VI, Para 6.1.2.6 Ships constr. ≥ 01.07.1998	
c-19)	Release devices to enable the forward painter to be released	SOLAS 74/83 reg. III/41.7.7 Ships constr. < 01.07.1998	0
		LSA Code Ch. IV, Para 4.4.7.7 Ships constr. ≥ 01.07.1998	
c-20)	Arrangements for sitting and securing the antenna	LSA Code Ch. IV, Para 4.4.7.8	0
c-21)	Release system for free-fall lifeboat	LSA Code Ch. IV, Para 4.7.6	0
c-22)	Water spray system	SOLAS 74/83 reg. III/45, 46 Ships constr. < 01.07.1998	0
		LSA Code Ch. IV, Para 4.8, 4.9 Ships constr. ≥ 01.07.1998	
c-23)	Air supply system	SOLAS 74/83 reg. III/45, 46 Ships constr. < 01.07.1998	0
		LSA Code Ch. IV, Para 4.8, 4.9 Ships constr. ≥ 01.07.1998	
d)	Each lifeboat is lowered to the embarkation position or one of the lifeboat is lowered to the water if the lifeboats stowage position is the embarkation position, checking of recovery of each lifeboat		0
e)	Launching devices for life boats have been checked and found in fit condition:		
e-1)	Thorough examination	SOLAS 74/96/04/06 reg. III/20.11.1.2	0
e-2)	Dynamic test of the winches brake at maximum lowering speed (annually)	SOLAS 74/96/04/06 reg. III/20.11.1.3	0
		LSA Code Ch. VI, Para 6.1.2.11, 6.1.2.12	
e-3)	Dynamic test of the winches brake at maximum lowering speed with a proof load of 1.1 times the total mass of the lifeboat when loaded with its full complement of persons and equipment (at intervals not exceeding five years)	SOLAS 74/96/04/06 reg. III/20.11.1.3 LSA Code Ch. VI, Para 6.1.2.5.2, 6.1.2.11, 6.1.2.12	0
e-4)	Test to establish the lowering speed and the lowering of each lifeboat to the water with the ship at its lightest sea-going draught (for the initial survey):		0
e-5)	Checking of launching with the ship making headway up to 5 knots in calm water (for the initial survey):	SOLAS 74/96/04/06 reg. III/33 Cargo Ships GT ≥ 20000	0
f)	Lifeboat on-load release gears have been checked and found in fit condition:		0
f-1)	Thorough examination	SOLAS 74/96/04/06 reg. III/20.11.2.2 Ships constr. ≥ 01.07.1986	0
f-2)	Operationally test (annually)	SOLAS 74/96/04/06 reg. III/20.11.2.2	0
f-3)	Operationally test under a load of 1.1 times the total mass of the	SOLAS 74/96/04/06	0

	lifeboat when loaded with its full complement of persons and equipment (at intervals not exceeding 5 years):	reg. III/20.11.2.3 Ships constr. $\geq$ 01.07.1986	
g)	Launching device for freefall life boat has been checked and found in fit condition:		
g-1)	Thorough examination of launching device including restraining device	SOLAS 74/96/04/06 reg. III/20.11.1.2, 20.11.2.2 Ships constr. $\geq$ 01.07.1986	0
g-2)	Operationally test with use of both independent release system by simulated method in according with the manufacturer's operating instruction (annually)	SOLAS 74/96/04/06 reg. III/20.11.2.2 Ships constr. $\geq$ 01.07.1986	0
g-3)	Operationally test with use of both independent release systems by simulated method in according with the manufacturer's operating instruction under a load of 1.1 times the total mass of the lifeboat when loaded with its full complement of persons and equipment (at intervals not exceeding 5 years):	SOLAS 74/96/04/06 reg. III/20.11.2.3 Ships constr. $\geq$ 01.07.1986	0
g-4)	Dynamic test of the winches brake of secondary means to launch at maximum lowering speed (annually):	SOLAS 74/96/04/06 reg. III/20.11.1.3 Ships constr. $\geq$ 01.07.1986	0
g-5)	Dynamic test of the launching winches brake at maximum lowering speed with a proof load of 1.1 times the total mass of the lifeboat when loaded with its full complement equipment and assigned operating crew (at intervals not exceeding 5 years):	SOLAS 74/96/04/06 reg. III/20.11.1.3 Ships constr. $\geq$ 01.07.1986	0
g-6)	Test to establish the lowering speed and the lowering of lifeboat to the water with the ship at its lightest sea-going draught (for the initial survey):		0
h)	Starts of each lifeboat engine and operates both ahead and astern have been tested with positive results:	SOLAS 74/00 reg. III/19	0
D.3-13	Each liferaft has been examined and found in fit condition:		
	Description:		
a)	Arrangement and condition in general:	SOLAS 74/96 reg. III/31.3.1 Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/26.1.1.2, 13.4-13.5, 29, 38 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg. III/13.4.1-13.4.4, 13.5, 13.6 LSA Code Ch. IV, Para 4.1.6 Ships constr. $\geq$ 01.07.1998	
b)	Liferaft stowed as far forward or aft	SOLAS 74/96 reg. III/31.3.2 Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/26.1.4 01.07.1986 - 01.07. 1998	
		SOLAS 74/96 reg. III/31.1.4 Ships constr. $\geq$ 01.07.1998	
c)	Hydrostatic release units	SOLAS 74/96 reg. III/31.3.1 Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/29, 38.6.3 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg. III/13.4.1, 13.4.2-LSA Ch. IV, Para 4.1.6.3 Ships constr. $\geq$ 01.07.1998	
d)	Float-free arrangements	SOLAS 74 reg. III/15 (p)(i) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/29, 38.6 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg. III/13.4.1, 13.4.2 LSA Code Ch. IV, Para 4.1.6 Ships constr. $\geq$ 01.07.1998	
e)	Embarkation appliances (ladders)	SOLAS 74 reg. III/19(b)(i) Ships constr. $<$ 01.07.1986	0
		SOLAS 74/83 reg. III/11.7 01.07.1986-01.07.1998	
		SOLAS 74/96 reg. III/11.7 Ships constr. $\geq$ 01.07.1998	

f)	Liferaft markings	SOLAS 74 reg. III/20(c) Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/39.7.3 01.07.1986 - 01.07.1998	
		LSA Code Ch. IV, Para 4.2.6.3 Ships constr. ≥ 01.07.1998	
g)	Providing the easy side-to-side transfer at a single open deck level:		0
h)	Launching devices for davit-launched liferafts have been checked and found in fit condition: (Type, Maker, SWL) (Winch Maker, SWL, SN) (Wire length, size, braking load):		
h-1)	Thorough examination	SOLAS 74/96/06 reg. III/20.11.1.2	0
h-2)	Dynamic test of the winches brake at maximum lowering speed (annually)	SOLAS 74/96/06 reg. III/20.11.1.3 LSA Code Ch. VI, Para 6.1.2.11, 6.1.2.12	0
h-3)	Dynamic test of the winches brake at maximum lowering speed with proof load of 1.1 times the total mass of the liferaft when loaded with its full complement of persons and equipment (at intervals not exceeding 5 years)	SOLAS 74/96/06 reg. III/20.11.1.3 LSA Code Ch. VI, Para 6.1.2.11, 6.1.2.12	0
h-4)	Test to establish the lowering speed and the lowering of each davit-launched liferaft to the water with the ship at its lightest sea-going draught (for the initial survey)		0
i)	Davit-launched liferafts on-load release gears have been checked and found in fit condition:		
i-1)	Thorough examination	SOLAS 74/96/04/06 reg. III/20.11.3	0
i-2)	Operationally test (annually)	SOLAS 74/96/04/06 reg. III/20.11.3	0
i-3)	Operationally test under a load of 1.1 times the total mass of the liferaft when loaded with its full complement of persons and equipment (at intervals not exceeding 5 years)	SOLAS 74/96/04/06 reg. III/20.11.3	0
D.3-14	Each rescue boat has been examined and found in fit condition:		
	Description:		
a)	Arrangement and condition in general	SOLAS 74/83 reg. III/14, 47.3.11 Ships constr. < 01.07.1998	0
		SOLAS 74/96 reg. III/14 LSA Code Ch. V, Para 5.1.3.11 Ships constr. ≥ 01.07.1998	
b)	Rescue boat markings	SOLAS 74/83 reg. III/41.9, 47.3.4 Ships constr. < 01.07.1998	0
		SOLAS 74/96 reg. III/14 LSA Code Ch. V, Para 5.1.3.11 Ships constr. ≥ 01.07.1998	
c)	Examining the embarkation and recovery arrangement for each rescue boat	SOLAS 74/83 reg. III/16 Ships constr. < 01.07.1998	0
		SOLAS 74/96 reg. III/17 Ships constr. ≥ 01.07.1998	
d)	Launching devices for rescue boats have been checked and found in fit condition: (Type, Maker, SWL) (Winch Maker, SWL, SN) (Wire length, size, braking load):		
d-1)	Thorough examination	SOLAS 74/96/06 reg. III/20.11.1.2	0
d-2)	Dynamic test of the winches brake at maximum lowering speed (annually)	SOLAS 74/96/06 reg. III/20.11.1.3 LSA Code Ch. VI, Para 6.1.2.11, 6.1.2.12	0
d-3)	Dynamic test of the winches brake at maximum lowering speed with a proof load of 1.1 times the total mass of the rescue boat when loaded with its full complement of persons and equipment (at intervals not exceeding 5 years)	SOLAS 74/96/06 reg. III/20.11.1.3 LSA Code Ch. VI, Para 6.1.2.11, 6.1.2.12	0
d-4)	Test to establish the lowering and recovery speed and the lowering and recovering of rescue boat to the water with the ship at its lightest sea-going draught (for the initial survey)		0
d-5)	Checking of launching with the ship making headway up to 5 knots in calm water (for the initial survey)	SOLAS 74/96/04/06 reg. III/17	0
e)	Equipment in accordance with the Record of form, including expiry date of:		0
e-1)	First-aid outfits' medicine		0
f)	The rescue boats are lowered to the water and theirs recovery demonstrated:		0
g)	Starts of each rescue boat engine and operates both ahead and astern have been tested with positive results:		0
h)	Rescue boat on-load release gears have been checked and found in fit condition (if any):		

h-1)	Thorough examination	SOLAS 74/96/04/06 reg. III/20.11.2.2	0
h-2)	Operationally test (annually)	SOLAS 74/96/04/06 reg. III/20.11.2.2	0
h-3)	Operationally test under a load of 1.1 times the total mass of the rescue boat when loaded with its full complement of persons and equipment (at intervals not exceeding 5 years)	SOLAS 74/96/04/06 reg. III/20.11.2.3	0
D.3-15	Each marine evacuation system has been examined and found in fit condition: (Type, Maker, Capacity):		
	Description:		
a)	Stowage:	SOLAS 74/96 reg. III/15	0
b)	Release devices:	LSA Code Ch. VI, Para 6.2.1.4	0
c)	Markings:	LSA Code Ch. VI, Para 6.2.4.2	0
d)	Launching and operating instructions:	LSA Code Ch. VI, Para 6.2.4.3	0
e)	Deployment of 50% of the MES after installation, other MES - within 12 months after installation:	LSA Code Ch. VI, Para 6.2.2.2	0
D.3-16	Lighting of the muster and embarkation stations, including when supplied from the emergency source of power, have been checked and found in fit condition:	SOLAS 74 reg. III/19(a)(ii), 19(b)(ii) , 19(b)(iii) Ships constr. < 01.07.1986	0
		SOLAS 74 reg. III/11.4, 15.7 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg. III/11.4, 16.7 Ships constr. ≥ 01.07.1998	
	Description:		
D.3-17	Lighting of the alleyways, stairways and exits giving access to the muster and embarkation stations, including when supplied from the emergency source of power, have been checked and found in fit condition	SOLAS 74 reg. III/38 Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/11.5 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg. III/11.5 Ships constr. ≥ 01.07.1998	
	Description:		
D.3-18	Line-throwing appliances have been checked and found in fit condition: (Maker, Number, Service Validity):	SOLAS 74 reg. III/23 Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/17 , 49 01.07.1986 - 01.07.1998	
		SOLAS 74/96 reg. III/18 LSA Code Ch. VII, Para 7.1 Ships constr. ≥ 01.07.1998	
	Description:		
a)	Expiry date of rockets		0
D.3-19	Distress flares have been checked and found in fit condition	SOLAS 74 reg. III/24 Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/6.3 01.071986 - 01.07.1998	
		SOLAS 74/76 reg. III/6.3 Ships constr. ≥ 01.07.1998	
	Description:		
a)	Expiry date		0
D.3-20	Presence, condition of stowage and randomly checking of condition of the individual life-saving appliances, including condition of whistles, retro-reflective material and lights have been checked with positive results:		
	Description:		
a)	Life jackets	SOLAS 74 reg. III/22; SOLAS 74/83 reg. III/27.2, 30.2.7 Ships constr. < 01.07.1998	0
		SOLAS 74/96 reg. III/7.2;32.2; LSA Code, Ch. I, Para 1.2.2.7 Ships constr. ≥ 01.07.1998	
a-1)	Expiry date of batteries for lights		0
b)	Immersion suits, anti-exposure suits	SOLAS 74/04 reg. III/7.3; 32.3 LSA Code Ch. I, Para 1.2.2.7, Ch. II, Para 2.3	0

b-1)	Expiry date of batteries for lights		
c)	Lifebuoys, including those fitted with self-igniting lights, self-activating smoke signals and buoyant lines	SOLAS 74 reg. III/37, 21; SOLAS 74/83 reg. III/30.2.7 Ships constr. < 01.07.1986	0
		SOLAS 74/83 reg. III/7.1; 27.1; 30.2.7-01.07.1986 - 01.07. 1998	
		SOLAS 74/96 reg. III/7.1; 32.1 LSA Code Ch. I, Para 1.2.2.7, Ch. II, Para 2.1 Ships constr. ≥ 01.07.1998	
c-1)	Expiration date of smoke signals		0
c-2)	Expiration date of batteries for lights		0
D.3-21	Performance of the specific requirements of Flag Administration with positive results		0
	Description:		
D.3-22	Conditions on which the Exemptions were given are remaining		0
	Description:		
D.4 - Signal means			
D.4-1	The provision and disposition of signaling means are in compliance with the approved plans (for the initial survey)		0
	Description:		
D.4-2	Navigational lights have been examined, checked in operation and found in fit condition:		
	Description:		
a)	Position	COLREG 72: Regs. 23, 24, 27, 28, 30 Annex I, Para 2,3,17	0
b)	Main and emergency sources of power	SOLAS 74/81/83/88/92/96/00 reg. III/41.2.2, 43.2.3.1	0
c)	Power failure indicator and alarm		0
d)	Side lights' screens	COLREG 72: Annex I, Para 5	0
D.4-3	Checking the signaling means (bell, gong, whistle)	COLREG72:Reg.33;AnnexIII,Para1,2	0
	Description:		
D.4-4	Checking the signaling figures (shapes; ball & diamond)	COLREG 72: Reg. 24, 27, 28, 30; Annex I, Para 6	0
	Description:		
D.4-5	Performance of the specific requirements of Flag Administration with positive results		0
	Description:		
D.4-6	Conditions on which the Exemptions were given are remaining		0
	Description:		
E - Technical requirements On examination of the ship under provisions of Annex I to the MARPOL Convention for all ships			
E-1	The ship's construction and equipment is in accordance with the approved plans (for the initial survey)		0
	Description:		
E-2	No alterations in the construction and equipment covered by the Supplement to the International Oil pollution Prevention Certificate since the last survey		0
	Description:		
E-3	Certificates of approval for new fitted equipment are submitted		0
	Description:		
E-4	Alterations are listed on last page		0
	Description:		
E-5	Pollution prevention equipment for machinery spaces have been examined for obvious defects, deterioration or damage, tested and found in fit condition:		
	Description:		
a)	100 ppm Separating equipment with Process unit	MARPOL Annex I reg. 14.1, 14.6 GT ≥ 400	0
b)	15 ppm filtering equipment	MARPOL Annex I reg.14.1,14.6 GT ≥ 400	0
c)	15 ppm alarm	MARPOL Annex I reg.14.2, 14.7 GT ≥ 10000	0
		MARPOL Annex I reg.15.3.2 GT ≥ 400	
d)	Automatic stopping device	MARPOL Annex I reg.14.2, 14.7 GT ≥ 10000	0
		MARPOL Annex I reg. 15.3.2	

E-6	Confirmation of segregation of the oil fuel and water ballast systems and the non-carriage of oil in forepeak tanks or a tank forward of the collision bulkhead	GT ≥ 400 MARPOL Annex I reg.16.1 GT ≥ 400	0
	Description:		
E-7	Holding tanks for oily bilge water, associated pumps, piping and fitting, homogenizers, oil residues (sludge) incinerators have been examined and found in fit condition		0
	Description:		
E-8	Remote cut-off of the bilge water discharge pumps from the area of the standard discharge connection has been examined and found in fit condition		0
	Description:		
E-9	Communication between the discharge observation position and the control position of this pumps has been examined and found in fit condition		0
	Description:		
E-10	Confirming by using of re-circulating facilities, the satisfactory operation of the oil filtering equipment		0
	Description:		
E-11	Means for retention and disposal of oil residues (sludge) have been examined and found in fit condition:	MARPOL Annex I reg.12 GT ≥ 400	0
	Description:		
a)	Oil residues (sludge) tanks		0
b)	Designated pump for the discharge of the tanks content to reception facilities		0
c)	Confirming the satisfactory operation of approved means for the incineration of oil residues (sludge)		
c-1)	Incinerator with appropriate oil sludge systems designed for oil residues (sludge) incineration		0
c-2)	Auxiliary steam boilers with appropriate oil sludge systems designed for oil residues (sludge) incineration		0
c-3)	Heaters of thermal fluids system with appropriate oil sludge systems designed for oil residues (sludge) incineration		0
c-4)	Inert gas system with appropriate oil sludge systems designed for oil residues (sludge) incineration		0
E-12	Confirmation that no direct connection between the piping oil residues (sludge) tanks and overboard discharge outlets, other than the standard discharge connection		0
	Description:		
E-13	Confirmation that no interconnection between the oil residues (sludge) tank discharge piping and bilge-water piping other than possible common piping leading to the standard discharge connection		0
	Description:		
E-14	Oil fuel tank protection has been examined and found in accordance with the requirements	MARPOL Annex I reg.12A Ships delivered ≥ 01.08.2010 Tanks of aggregate oil fuel capacity ≥ 600 m³	0
	Description:		
E-15	Standard discharge connection has been examined, corresponds to the standard sizes and found in fit condition	MARPOL Annex I reg.13	0
	Description:		
E-16	Performance of the specific requirements of Flag Administration with positive results		0
	Description:		
F - Technical requirements on examination of the ship under the provisions of Annex IV to the MARPOL Convention			
Number of persons which the ship is certified to carry: Per.			
F-1	Equipment for sewage collecting, storage, treatment and discharge is in compliance with approval technical documentation (for Initial survey)		0
	Description:		
F-2	No alterations in the construction and equipment covered by the International Sewage Pollution Prevention Certificate		0
	Description:		
F-3	Alterations are listed on last page		0
	Description:		
F-4	Alterations are examined in accordance with the approved documentation and found in fit condition		0
	Description:		
F-5	Sewage treatment plant has been examined, operational tested (in the manual and automatic modes) and found in fit condition:	MARPOL 73/78, Annex IV reg.4.1 and 9	0
	Description:		

a)	Pumps		0
b)	Blowers		0
c)	Metering devices for the supplying of required chemicals including the disinfecting agent		0
d)	Level sensors located in the plant chambers		0
e)	Alarm signaling		0
f)	Electrical equipment and cable system of the plant are to be checked		0
g)	Confirming that there has been no leakage from the plant		0
F-6	Sewage comminution and disinfection plant has been examined, operational tested (in the manual and automatic modes) and found in fit condition:	MARPOL 73/78, Annex IV reg.4.1 and 9	0
	Description:		
a)	Pumps		0
b)	Metering devices for the supplying of disinfecting agent		0
c)	Level sensors located in the plant chambers		0
d)	Alarm signalling		0
e)	Electrical equipment and cable system of the plant are to be checked		0
F-7	Sewage holding tanks, associated pumps, piping and fitting have been examined and found in fit condition	MARPOL 73/78, Annex IV reg.4.1 and 9	0
	Description:		
a)	Pumps		0
b)	Confirming that there has been no leakage from the holding tanks and pipelines		0
c)	External examination		0
d)	Internal examination of the holding tanks		0
e)	Hydraulic test of the holding tanks		0
f)	Visual and audible alarms on high level in the holding tanks		0
F-8	Standard discharge connection has been examined, corresponds to the standard size and found in fit condition	MARPOL 73/78, Annex IV reg.10	0
	Description:		
F-9	Pipeline for the discharge of sewage to a reception facility is provided	MARPOL 73/78, Annex IV reg.10	0
	Description:		
F-10	Remote cut-off of the sewage discharge pumps from the area of the standard discharge connection has been examined and found in fit condition		0
	Description:		
F-11	Means of communication between the discharge observation position and the control position of this pumps has been examined and found in fit condition		0
	Description:		
F-12	Performance of the specific requirements of Flag Administration with positive results		0
	Description:		
G - Technical requirements on examination of the ship under the provisions of Annex V to the MARPOL Convention			
G-1	Means for garbage collecting, storage and treatment are in compliance with approved technical documentation (for initial survey)		0
	Description:		
G-2	No alterations in the construction and equipment covered by the Certificate of compliance of equipment and arrangements of the ship with the requirements of Annex V to the MARPOL Convention		0
	Description:		
G-3	Alterations are listed on last page		0
	Description:		
G-4	Alterations are examined in accordance with the approved documentation and found in fit condition		0
	Description:		
G-5	Confirming the satisfactory operation of incinerator		0

	Description:		
G-6	Confirming the satisfactory operation of approved garbage treatment plan for:		0
	Description:		
a)	Grinding of garbage		0
b)	Pressing of garbage		0
G-7	Garbage collection facilities is in compliance with Garbage Management Plan and Certificate of compliance of equipment and arrangements of the ship with the requirements of Annex V to the MARPOL Convention, examined and found in fit condition	MARPOL Annex V reg. 9.2 GT ≥ 400	0
		MARPOL Annex V reg. 9.2 Person on board ≥ 15	
	Description:		
G-8	Garbage collection facilities is in compliance with Certificate of compliance of equipment and arrangements of the ship with the requirements of Annex V to the MARPOL Convention, examined and found in fit condition	MARPOL Annex V reg. 9.2 GT < 400	0
		MARPOL Annex V reg. 9.2 Person on board < 15	
	Description:		
G-9	Confirmation that the placards which notify the crew and passengers of the requirements of garbage disposal are displayed on ship	MARPOL Annex V reg. 9.1 L ≥ 12m	0
	Description:		
G-10	Performance of the specific requirements of flag Administration with positive results		0
	Description:		
H - General requirements On Examination of The Ship under The Provisions of Annex VI to the MARPOL Convention			
H-1	The ship's equipment, systems and arrangements, their installation are in accordance with the approved plans (for the initial survey)		0
	Description:		
H-2	No alterations in the construction and equipment covered by the Supplement to the International Air Pollution Prevention Certificate since the last survey		0
	Description:		
H-3	Alterations are listed on the last page		0
	Description:		
H.1- Ozone-depleting substances		MARPOL Annex VI reg.12	
H.1-1	Confirming, if applicable, the satisfactory installation and operation of system using ozone depleting substance		0
	Description:		
H.1-2	Confirming that no installation or equipment containing ozone depleting substances has been installed after 19 May 2005, other than hydro-chlorofluorocarbons.	MARPOL Annex VI reg. 12.3.1	0
	Description:		
H.1-3	Examine externally any installation or equipment as far as practicable to ensure satisfactory maintenance and that there are no emissions of ozone-depleting substances;		
	Description:		
H.1-4	Confirming through documentary evidence that there has been no deliberate emission of ozone-depleting substance.		0
	Description:		
H.2 - Nitrogen oxides (NOx) emissions from each diesel engines			
H.2-1	All engines are pre-certified in accordance with section 2.2 of NOx Technical Code to the required Tier and installed in accordance with the approved duty cycle (for the initial survey)	Reg. 13 of Annex VI	0
	Description:		
H.2-2	For a marine diesel engine with an output of more than 5,000 kW and a per cylinder displacement at or above 90 litres/cylinder installed on ships constructed between 1 January 1990 and 31 December 1999, Check whether:		
	Description:		
a)	An approved method exists		0
b)	An approved method is not commercially available		0
c)	Approved method is installed and where this is the case, that there is an approved method file, and apply the verification procedures as given in the approved method file		0
H.2-3	Method used for verification procedures of NOx on board:		

	Description:		
a)	Engine parameter check method	NOx Technical Code, Para 6.2	0
b)	Simplified measurement method	NOx Technical Code, Para 6.3	0
c)	Direct measurement and monitoring method	NOx Technical Code, Para 6.4	0
H.3 - Sulphur oxide emissions (SOx)			
H.3-1	Bunker delivery notes and the representative samples of the fuel oil delivered.	MARPOL Annex VI reg.18	0
	Description:		
a)	Bunker delivery notes are available on board and conform with the requirements of Supplement V to the Annex VI of MARPOL 73/78.		0
b)	Confirmation that the representative samples of the fuel oil delivered are kept on board under the ship's crew control and supplied with labels as required.		0
H.3-2	The changeover to and from low sulphur fuel during transit through a SOx emission control area when tanks are provided for low and normal sulphur content fuel.	MARPOL Annex VI reg. 14.6	0
	Description:		
a)	Satisfactory arrangements are in place for using compliant fuel as required;		0
b)	Fuel switching arrangement are available on board, have been examined on satisfactory installation, in operation and found in fit condition		0
c)	Confirm that there are written procedures covering fuel change over.		0
d)	Confirming that there is a record of fuel changeover, where applicable, and that this record should take the form of a log-book as prescribed by the Administration.		0
H.4 - Shipboard incinerators		MARPOL Annex VI reg.16	
H.4-1	Confirm that prohibited materials have not been incinerated.		0
	Description:		
H.4-2	Confirm that shipboard incineration of sewage, or oil residues (sludge) in boilers or marine power plants is not undertaken while the ship is inside ports, harbours or estuaries.		0
	Description:		
H.4-3	Incinerators installed on or after 1 January 2000:		0
	Description:		
a)	Confirming the satisfactory installation and operation of each incinerator.		0
b)	Confirmation that the manufacturers name, incinerator model number/type and capacity in heat units per hour is permanently marked on the incinerators		0
H.4-4	Confirm that operators have been trained as required.		0
	Description:		
H.4-5	Confirm from an external examination that each incinerator is in generally satisfactory condition and free from leaks of gas or smoke.		0
	Description:		
H.4-6	Confirm that combustion chamber outlet temperatures have been maintained as required.		0
	Description:		
H.4-7	Confirm that each incinerator is maintained according to its approved arrangement.		0
	Description:		
H.4-8	Confirming, if necessary by simulated test or equivalent, the satisfactory operation of the following alarms and safety devices		
	Description:		
a)	Flue gas high temperature alarms and shutdowns		0
b)	High combustion temperature controls and shutdowns		0
c)	Combustion chamber negative pressure		0
d)	Flame safeguard control, alarms and shutdowns		0
e)	Power loss alarms and auto shutdown arrangement		0
f)	Charging loss alarms / shutdown		0
g)	Low fuel oil pressure alarm / shutdown		0

Alternations, Notes, Memoranda

Recommendations

Item No.	Description	To be dealt by

Date & Place of survey:
Duration of Survey (hours):
Name and signature of Surveyor to ACS

Additional Requirements for Bulk Carriers

I - Additional Documentation & technical requirements for Bulk Carriers			Results of survey ¹⁾
I-1	Complete file of the enhanced survey reports, including: Description:	SOLAS 74/94/02 reg. XI-1/2 Bulk carriers	0
a)	Survey Programme (for Renewal Survey)	IMO Resolution A.744(18) Bulk carriers	0
b)	Survey Programme (for Intermediate Survey)	IMO Resolution a.744(18) Bulk carriers Age > 10 years	0
c)	Check lists of present enhanced survey	t-esp-a, t-esp-in, t-esp-s, tt-esp-a, tt-esp-in, tt-esp-s, b-esp-a, b-esp-in, b-esp-s, bb-esp-a, bb-esp-in, bb-esp-s	0
I-2	Ship structure access Manual Description:	SOLAS 74/04 reg. II-1/3-6.4 Bulk carriers, Ships constr. ≥ 01.01.2005	0
I-3	Triangle is permanently marked at amidship (if prescribed) Description:	SOLAS 74/04 reg. XII/8 Bulk Carriers of single side skin construction $L \geq 150\text{m}$, cargo density $\rho \geq 1780 \text{ kg/m}^3$	0
I-4	Loading instrument is on board Description:	SOLAS 74/04 reg. XII/11 Bulk Carriers $L \geq 150\text{m}$	0
I-5	Loading instrument has been functional checked and found in fit condition Description:	SOLAS 74/04 reg. XII/11 Bulk Carriers $L \geq 150\text{m}$	0
I-6	Program of strength calculation and stability for on-board computer (if any) has been examined with positive results Description:		0
I-7	Water level detectors in each cargo holds have been surveyed, tested and found in fit condition: Description:	SOLAS 74/04 reg. XII/12	0
a)	Protection arrangements of sensors		0
b)	Protection of electrical cables and any associated equipment		0
c)	Maintenance of cleanliness of any filter element fitted to sensors		0
d)	Maintenance of permeability of protection arrangements covering the sensors		0
e)	Visual and audible alarm for the pre-alarm level from two independent electrical supplies		0
f)	Visual and audible alarm for the main alarm levels from two independent electrical supplies		0
I-8	Water level detectors in any ballast tank forward of the collision bulkhead have been surveyed, tested and found in fit condition: Description:	SOLAS 74/04 reg. XII/12	0
a)	Visual and audible alarm for the main alarm levels from two independent electrical supplies		0
I-9	Water level detectors in any dry (void)space other than a chain cable locker, any part of which extends forward of the foremost cargo hold have been surveyed, tested and found in fit condition: Description:	SOLAS 74/04 reg. XII/12	0
a)	Visual and audible alarm for the main alarm levels from two independent electrical supplies		0
I-10	Pumping systems have been examined and found in fit condition: Description:	SOLAS 74/04 reg. XII/13	0
a)	Means for draining and pumping ballast tanks forward of the collision bulkhead		0
b)	Bilges of dry spaces any part of which extends forward of the foremost cargo hold		0
I-11	Corrosion prevention system of ballast tanks has been examined and found effective Description:	SOLAS 74/00 reg. II-1/3-2 Ships constr. ≥ 01.07.1998	0

I-12	Means of access to and within spaces in the cargo and other spaces in accordance with the arrangements in the ship Structural Access Manual are properly maintained		SOLAS 74/05 reg. II-1/3-6 Ships constr. $\geq$ 01.01.2005	0
	Description:			
I-13	Additional Documentation required for Bulk Carriers of single side skin construction have been examined with positive results:			
	Description:			
a)	Approved Manual for operating and maintenance of the water level detection system	SOLAS 74/97/02/03 reg. XII/12 Bulk Carriers	0	
b)	Loading/unloading booklet required in SOLAS regulation VI/7.2 endorsed by Flag Administration	SOLAS 74/04 reg. XII/8.1 Bulk carriers $L \geq 150\text{m}$, Cargo density $\rho \geq 1780 \text{ kg/m}^3$ constructed $< 01.07.1999$	0	
		SOLAS 74/04 reg. XII/8.1 Bulk Carriers $L \geq 150 \text{ m}$, Cargo density $\rho \geq 1000 \text{ kg/m}^3$, constructed $\geq 01.07.1999$		
c)	Report on evaluation of allowable hold loading of cargo hold No.1	SOLAS 74/04 reg. XII/6.1 Single Skin Bulk Carriers $L \geq 150\text{m}$, $\rho \geq 1780 \text{ kg/m}^3$ constructed $< 01.07.1999$	0	
d)	Report on Condition Assessment of the transverse watertight corrugated bulkhead between cargo holds Nos. 1 and 2	SOLAS 74/04 reg. XII/6.1 Single Skin Bulk Carriers $L \geq 150\text{m}$, $\rho \geq 1780 \text{ kg/m}^3$ constructed $< 01.07.1999$	0	
e)	Confirming sufficient stability to withstand flooding of the foremost cargo hold	SOLAS 74/04 reg. XII/4.3 Single Skin Bulk carriers $L \geq 150\text{m}$, $\rho \geq 1780 \text{ kg/m}^3$ constructed $< 01.07.1999$	0	
f)	Conforming the sufficient stability to withstand flooding of any one cargo hold	SOLAS 74/04 reg. XII/4.1 Single Skin Bulk Carriers $L \geq 150\text{m}$, $\rho \geq 1000 \text{ kg/m}^3$ constructed $\geq 01.07.1999$	0	
g)	Report on Condition Assessment of the side shell frames within the cargo area	SOLAS 74/04 reg. XII/14 Single Skin Bulk Carriers $L \geq 150\text{m}$, $\rho \geq 1780 \text{ kg/m}^3$ constructed $< 01.07.2006$	0	
h)	Confirming the sufficient strength to withstand flooding of any one cargo hold	SOLAS 74/04 reg. XII/14 Single Skin Bulk Carriers $L \geq 150\text{m}$, $\rho \geq 1780 \text{ kg/m}^3$ constructed $< 01.07.2006$	0	

Alternations, Notes, Memoranda

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Recommendations

Item No.	Description	To be dealt by

Date & Place of survey:

Duration of Survey (hours):

Name and signature of Surveyor to ACS



Additional Requirements for Oil Tankers, Chemical Tankers, Gas carriers and Combination Carriers

Additional Documentation and Records			Results of survey ¹⁾
J-1	Emergency towing procedure. (MSC. 1/Circ. 1255) (For tankers - design, construction and prototype testing of emergency towing arrangements are approved by the Administration).	SOLAS 74/08 reg. II-1/3-4 Tankers DW $\geq$ 20000;	0
	Description:		
J-2	Complete file of the enhanced survey reports, including:	SOLAS 74/94/02 reg. XI-1/2 Oil Tankers	0
	Description:		
a)	Survey Programme (for Renewal Survey)	IMO Resolution A.744(18) Oil Tankers	0
b)	Survey Programme (for Intermediate Survey)	IMO Resolution a.744(18) Oil Tankers, Age > 10 years	0
c)	Check lists of present enhanced survey	t-esp-a, t-esp-in, t-esp-s, tt-esp-a, tt-esp-in, tt-esp-s, b-esp-a, b-esp-in, b-esp-s, bb-esp-a, bb-esp-in, bb-esp-s	0
J-3	Ship structure access Manual	SOLAS 74/04 reg. II-1/3-6.4 Oil Tankers, Ships constr. $\geq$ 01.01.2005	0
	Description:		
J-4	Approved Stability Information	MARPOL Annex I reg.27 Oil Tankers DW $\geq$ 5000 Ships deliv. $\geq$ 01.02.2002	0
	Description:		
J-5	Approved Operational Procedures for the Oil Tankers with Special Ballast Arrangements	MARPOL Annex I reg.18.10.1 Oil Tankers Ships deliv. $\leq$ 01.06.1982	0
	Description:		
J-6	Statement of compliance under the provisions of the Condition Assessment Scheme (CAS)	MARPOL Annex I reg.20.6, 21.6 Non-Double Hull Oil Tankers Dw $\geq$ 5000	0
	Description:		
J-7	Complete file of the reports of previous surveys, including the results of all scantling measurement required, the statement of structural work carried out, as well as Report on Condition Assessment Scheme (CAS) survey of oil tanker	MARPOL Annex I reg.20.6,21.6 Non-Double Hull Oil Tankers Dw $\geq$ 5000	0
	Description:		
J-8	Operating and maintenance manuals for the 15 ppm bilge separator and 15 ppm bilge alarm		0
	Description:		
J-9	Operation Manual for the Oil Discharge Monitoring and Control (ODMC) System	MARPOL Annex I reg.31.4 Oil Tankers GT $\geq$ 150	0
	Description:		
J-10	Dedicated Clean Ballast Tank Operation Manual	MARPOL Annex I reg. 18.8.4 Oil Tankers GT $\geq$ 40000 Ships deliv. $\leq$ 01.06.1982	0
	Description:		
J-11	Crude Oil Washing (COW) Operations and Equipment Manual	MARPOL Annex I reg.I/35.1 Oil Tankers	0
	Description:		
J-12	Operations Manual for the Part Flow System for Control of Overboard Discharges	MARPOL Annex I reg.30.6.5 Oil Tankers Ships deliv. $\leq$ 31.12.1979	0
	Description:		
J-13	Approval Loading and Damage Stability Information	MARPOL Annex I reg.28.5 Oil Tankers GT $\geq$ 150 Ships deliv. > 31.12.1979	0
	Description:		
J-14	Oil Record Book, Part I	MARPOL Annex I reg.17.1 Oil Tankers GT $\geq$ 150	0

	Description:		
J-15	Oil Record Book, Part II	MARPOL Annex I reg. 36.1 Oil Tankers GT ≥ 150	0
	Description:		
J-16	Shipboard Oil Pollution Emergency Plan (SOPEP)	MARPOL Annex I reg.37.1 Oil Tankers GT ≥ 150	0
	Description:		
J-17	Shipboard Marine Pollution Emergency Plan (in lieu of SOPEP)	MARPOL Annex I reg.1/37.3 Oil Tankers GT ≥ 150	0
	Description:		
J-18	Shipboard ship-to-ship operations plan (STS operations Plan)	MARPOL Annex I reg.41 Oil Tankers, engaged into STS operations, GT ≥ 150	0
	Description:		
J-19	Manual of System of the Prompt Access to computerized, shore-based damage stability and residual structural strength calculation programs	MARPOL Annex I reg.37.4 Oil Tankers, Dw ≥ 5000	0
	Description:		
J-20	Agreement with shore-based center of performance of damage stability and residual structural strength calculation	MARPOL Annex I reg.37.4 Oil Tankers, Dw ≥ 5000	0
	Description:		
J-21	The calibration certificate for oil content meter (at intervals not exceeding five years), issued by persons authorized by the manufacturer (for Renewal Survey)	IMO Resolution MEPC.108(49) Oil Tankers GT ≥ 150	0
	Description:		
Additional technical requirements			
J-22	Cargo, cargo/ballast and slop tank openings have been examined and found in fit condition:		
	Description:		
a)	Gaskets		0
b)	Covers		0
c)	Coamings		0
J-23	Cargo tank pressure/vacuum valves have been examined and found in fit condition	SOLAS 74/96 reg. II-2/59.1, 62.14 Ships constr. < 01.07.2002 SOLAS 74/00 reg. II-2/11.6 Ships constr. ≥ 01.07.2002	0
	Description:		
J-24	Devices to prevent the passage of flame on vents to cargo tanks have been examined and found in fit condition		0
	Description:		
J-25	Devices to prevent the passage of flame on vents to the following spaces have been examined and found in fit condition:		
	Description:		
a)	Bunker tanks		0
b)	Cargo/ballast tanks		0
c)	Slop tanks		0
d)	Ballast tanks in cargo area		0
e)	Void spaces in cargo area		0
J-26	Venting, purging, gas-freeing and ventilation systems have been examined and found in fit condition:		
	Description:		
a)	Cargo tank venting system	SOLAS 74/96 reg. II-2/59.1,62.12 Ships constr. < 01.07.2002 SOLAS 74/00 reg. II-2/4.5.3 Ships constr. ≥ 01.07.2002	0
b)	Cargo tank purging and gas-freeing system	SOLAS 74/96 reg. II-2/59.2, 62.13 01.02.1992 - 01.07.2002 SOLAS 74/00 reg. II-2/4.5.6 Ships constr. ≥ 01.07.2002	0
c)	Other ventilation systems	SOLAS 74/96 reg. II-2/59.3, 59.4 01.02.1992 - 01.07.2002 SOLAS 74/00 reg. II-2/4.5.4, 4.5.8 Ships constr. ≥ 01.07.2002	0
J-27	Systems on decks:		

	Description:		
a)	Cargo system		0
b)	Crude oil washing system		0
c)	Ballast system		0
d)	Stripping system		0
e)	Bunker system		0
J-28	Systems in the cargo pump-rooms:		
	Description:		
a)	Cargo system		0
b)	Crude oil washing system		0
c)	Ballast system		0
d)	Stripping system		0
J-29	Means for overflow prevention have been examined and found in fit condition:	SOLAS 74/81 reg. II-2/59.1.6 01.09.1984 - 01.07.2002 SOLAS 74/00 reg. II-2/11.6.3.1 Ships constr. ≥ 01.07.2002	0
	Description:		
a)	Overflow cargo lines		0
b)	Loading high level alarm		0
c)	Overflow control system		0
d)	Other equivalent means		0
e)	Gauging devices		0
J-30	Confirmation that all electrical equipment in dangerous zones is suitable for such locations, in good condition and properly maintained		0
	Description:		
J-31	Cargo pump-rooms have been examined and found in fit condition:		
	Description:		
a)	Absence of potential sources of ignition (loose gear, combustible materials, etc.)		0
b)	Absence of signs of oil leakage of all penetrations in bulkheads		0
c)	Absence of fractures in bulkheads		0
d)	Absence of signs of oil leakage in sealing arrangements of:		
d-1)	Cargo pumps		0
d-2)	Bilge pumps		0
d-3)	Stripping pumps		0
e)	Operation of cargo pump-room bilge system		0
f)	Operation of electrical and mechanical remote operating and shutdown devices of cargo pump-room bilge system		0
g)	Pump foundations are intact		0
h)	Ventilation system of cargo pump-room:		0
h-1)	Examination in operation		0
h-2)	Ducting integrity		0
h-3)	Condition of dampers		0
h-4)	Condition and cleanliness of screen		0
i)	Condition of access ladders to the cargo pump-rooms		0
J-32	Means of access to spaces in the cargo area which are necessary for present survey are properly maintained	SOLAS 74/92 reg. II-1/12-2 Ships constr. < 01.01.2005	0
	Description:		
J-33	Means of access to and within spaces in the cargo and other spaces in accordance with the arrangements in the Ship Structural Access Manual are properly maintained	SOLAS 74/05 reg. II-1/3-6 Ships constr. ≥ 01.01.2005	0
	Description:		
J-34	Confirmation that a hull return system of distribution and earthed distribution system are not used (for the initial survey)	SOLAS 74/88 reg. II-1/45	0
	Description:		
J-35	Emergency lighting in all cargo pump rooms has been examined and found in fit condition	SOLAS 74/00 reg. II-1/43.2.2.7	0
	Description:		
J-36	Access to bow arrangements have been examined and found in fit condition	SOLAS 74/05 reg. II-1/3-3	0

	Description:		
J-37	Means to keep deck spills away from the accommodation and service areas (permanent continuous coaming, extending from side to side) have been examined and found in fit condition	SOLAS 74/83 reg. II-2/56.6 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/4.5.1.6 Ships constr. ≥ 01.07.2002	
	Description:		
J-38	Completeness and integrity of the emergency towing arrangements have been examined and found in fit condition:	SOLAS 74/08 reg. II-1/3-4 Dw ≥ 20000t	0
	Description:		
a)	Fore arrangement		0
b)	Aft arrangement		0
J-39	Corrosion prevention system of ballast tanks has been examined and found effective	SOLAS 74/05 reg. II-1/3-2 Ships constr. ≥ 01.07.1998	0
	Description:		
J-40	Means of communication between the navigation bridge and steering gear compartment have been checked in work and found in fit condition	SOLAS 74/81 reg. II-1/29.19.1 GT ≥ 10000	0
	Description:		
J-41	Means of indicating the angular position of the rudder on navigating bridge have been checked in work and found in fit condition	SOLAS 74 reg. II-1/29(a) (iv); 29(c)(i) GT < 10000	0
	Description:		
J-42	Means of indicating the angular position of the rudder on navigating bridge and in steering room have been checked in work and found in fit condition	SOLAS 74/81 reg. II-1/29.19.1 GT ≥ 10000	0
	Description:		
J-43	Alarms required for hydraulic power-operated, electric and electro-hydraulic steering gears have been checked and found in fit condition	SOLAS 74/81 reg. II-1/29.19.1 GT ≥ 10000	0
	Description:		
J-44	Re-charging arrangements for hydraulic power-operated steering gears have been checked and found in fit condition	SOLAS 74/81 reg. II-1/29.19.1 GT ≥ 10000	0
	Description:		
J-45	Arrangements for regaining of steering capability in the event of the prescribed single failure of the steering gear have been checked and found in fit condition	SOLAS 74/81 reg. II-1/29.20 GT ≥ 40000 Ships constr. < 01.09.1984	0
		SOLAS 74/81 reg. II-1/29.16 GT ≥ 10000 Ships constr. ≥ 01.09.1984	
	Description:		
J-46	Electronic chart display and information system (ECDIS)	SOLAS 74/00 reg. V/19.2.1.4 Tankers GT ≥ 3000 constr. ≥ 01.07.2012 - all; constr. < 01.07.2012- first survey on or after 01.07.2015;	0
	Description:		
J-47	Automatic radar plotting aid (ARPA)	SOLAS 74/81 reg. V/12(j)(i) Tankers GT ≥ 10000;	0
	Description:		
J-48	Speed and distance measuring device (through the water)	SOLAS 74/81 reg. V/12(l) Tankers GT ≥ 10000	0
	Description:		
J-49	Fire-fighting systems for protection of the <u>cargo tanks of tankers</u> :	SOLAS 74/96 reg. II-2/60.1 DW ≥ 20000 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/4.5.5.1.1; 10.8.1.1 FSS Code Chapters 5-6 DW ≥ 20000 Ships constr. ≥ 01.07.2002	
	Description:		
a)	Deck foam fire-extinguishing system		0
b)	Inert gas system		0
c)	Other equivalent fire-fighting system:		0
d)	The installation tests have been satisfactorily completed (for the initial survey)		0

e)	Operation means of systems are clearly marked:		0
J-50	Fire-fighting systems for protection of the <u>cargo tanks of tankers</u> :	SOLAS 74/81 reg. II-2/60.8 DW < 20000, Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/10.8.1.3 FSS Code Ch6 DW < 20000, Ships constr. ≥ 01.07.2002	
	Description:		
a)	Deck foam fire-extinguishing system		0
b)	Other equivalent fire-fighting system:		0
c)	The installation tests have been satisfactorily completed (for the initial survey)		0
d)	Operation means of systems are clearly marked:		0
J-51	Fire-fighting systems for protection of the <u>cargo pump rooms of tankers</u> :	SOLAS 74/81 reg. II-2/63 Ships constr. < 01.07.2002	0
		SOLAS 74/00 reg. II-2/10.9 FSS Code Chapters 5-7 Ships constr. ≥ 01.07.2002	
	Description:		
a)	Carbon dioxide system, Stowage location, Next service date		0
b)	Halogenated hydrocarbon system, Stowage location, discharge record, Next service date	For ships constructed before 01.09.1994, only	0
c)	Foam fire-extinguishing system		0
d)	Other fire-fighting system:		0
e)	The installation tests have been satisfactorily completed (for the initial survey)		0
f)	Operation means of systems are clearly marked:		0
J-52	Protection of the cargo pump rooms has been examined and found in fit condition:	SOLAS 74/00 reg. II-2/4.5.10 Oil tanker, Chemical Tanker, Gas carrier, combination carriers	0
	Description:		
a)	Temperature sensing devices for bulkheads shaft glands, bearings and pump casings together with alarms:		0
b)	Interlock of lighting with ventilation:		0
c)	System for monitoring of the concentration of hydrocarbon gases:		0
d)	Bilge level monitoring devices together with alarms:		0
e)	Remote means for closing the various openings:		0
J-53	Portable instrument for measuring flammable vapour concentrations has been examined and found in fit condition.	SOLAS 74/00 reg. II-2/4.5.7.1 Oil tanker, Chemical Tanker, Gas Carrier, Combination Carriers	0
	Description:		
J-54	Portable instrument for measuring oxygen has been examined and found in fit condition.	SOLAS 74/00 reg. II-2/4.5.7.2 Oil tanker, Chemical Tanker, Gas carrier Double hull construction Ships constr. ≥ 01.10.1994	0
	Description:		
J-55	Volatile Organic Compounds (VOCs)	MARPOL Annex VI reg.15 OIL Tankers, Chemical Tankers MSC/Circ.585	
	Description:		
a)	Record Book of engine parameters for each engine required to be certified, as described in NOx Technical Code, in case where the engine parameter check method is used	NOx Technical code, Para. 6.2.3	0
b)	Confirm that there is an approved onboard monitoring manual for each marine diesel engine required to be certified in the case where the direct measurement and monitoring method is to be used as a means of onboard NOx verification;	NOx Technical Code, paragraph 6.4.17.1	0
c)	Transfer procedure for the VOC collection system		0
d)	Confirm that there is a VOC Management Plan, if required	MARPOL Annex VI reg. 15(6)	0
e)	Confirming the satisfactory installation of the vapour collection piping (for the initial survey)		0
f)	Confirming the satisfactory installation and operation of the means provided to eliminate the collection of condensation in the system, such as drains in low points of the line.		0
g)	Confirming the satisfactory installation and operation of isolation valves at the vapour manifolds		0

h)	Confirmation that the ends of each line is properly identified as vapour collection lines		0
i)	Confirmation that the vapour collection flanges are in accordance with the IMO guidelines and industrial standards		0
j)	Confirm that the vapour collect system, if required, is maintained in accordance with its approved arrangement;		0
k)	For ships carrying crude oil, confirm that the VOC management plan has been implemented as appropriate.		0
J-56	Oil content meter intended for monitoring the discharge of oil-contaminated water from the cargo tank areas according to IMO Resolution	IMO Resolution A.393(X) Oil Tankers GT $\geq$ 150 Ships constructed < 02.10.1986	0
		IMO Resolution A.586(14) Oil Tankers GT $\geq$ 150 02.10.1986 - 01.01.2005	
		IMO Resolution MEPC.108(49) Oil Tankers GT $\geq$ 150 Ships constructed $\geq$ 01.01.2005	
	Description:		
J-57	Oil / water interface detector	IMO Resolution MEPC.5(XIII) Oil Tankers GT $\geq$ 150	0
	Description:		
J-58	Confirmation that Records of the ODMC system are kept on board at least three years	MARPOL Annex I reg.31.2 Oil Tankers GT $\geq$ 150	0
	Description:		
J-59	Flag Maritime Administration permission for Exemption or Waiver (for renewal)		0
	Description:		
J-60	Confirmation of segregation of the oil fuel and water ballast systems and the non-carriage of oil in forepeak tanks or a tank forward of the collision bulkhead	MARPOL Annex I reg.16.1 Oil tankers GT $\geq$ 150	0
	Description:		
J-61	Oil Discharge Monitoring and Control (ODMC) System and its associated equipment have been examined for obvious defects, deterioration or damage, tested and found in fit condition:	MARPOL Annex I reg.31 Oil Tankers GT $\geq$ 150	0
	Description:		
a)	Examining externally the system and equipment		0
b)	Confirming, as far as practicable, the satisfactory operation of the ODMC System (for Annual Survey) including:		
b-1)	Oil content meter	0	
b-2)	Automatic and manual means provided to stop the discharge of effluent	0	
b-3)	Starting interlock	0	
b-4)	Flow meter	0	
b-5)	Indicators and recording devices	0	
c)	Confirming by simulated test or equivalent the satisfactory operation of the ODMC System and its associated equipment (for Intermediate and Renewal Survey) including:		
c-1)	Oil content meter		0
c-2)	Automatic and manual means provided to stop the discharge of effluent		0
c-3)	Starting interlock		0
c-4)	Flow meter		0
c-5)	Indicators and recording devices		0
d)	Verifying that sufficient supply of consumables for the recorders are on board		0
e)	Testing any audible or visual alarms fitted to the ODMC System, as far as practicable		0
J-62	Oil / water interface detector has been examined according to Manual and found in fit condition	MARPOL Annex I reg.32 Oil Tankers GT $\geq$ 150	0
	Description:		
J-63	Arrangements of slop tanks or cargo tanks designated as slop tanks and associated piping systems have been examined and found in fit condition (for Renewal Survey)	MARPOL Annex I reg.29.1 Oil Tankers GT $\geq$ 150 Ships deliv. $\leq$ 31.12.1979	0
	Description:		
J-64	Slop tanks (not less than two for GT $\geq$ 70000) arrangements and associated piping systems have been examined and found in fit condition (for Renewal Survey)	MARPOL Annex I reg.29.3 Oil Tankers GT $\geq$ 150 Ships deliv. > 31.12.1979	0

	Description:		
J-65	Segregated Ballast Tanks have been examined and found in fit condition:	MARPOL Annex I reg.18, Oil Tankers DW ≥20000, Ships deliv. >01.06.1982 DW ≥40000, Ships deliv. ≤ 01.06.1982 Dw ≥70000, Ships deliv. > 31.12.1979	0
	Description:		
a)	Confirmation that no cross connections have been fitted between the cargo and segregated ballast systems		0
b)	Confirmation that non-return valves are fitted on the segregated ballast connections and that the spool piece is mounted in a conspicuous position in the pump room with a permanent notice restricting its use (where a portable spool piece is provided for the emergency discharge of segregated ballast by connecting the segregated ballast system to a cargo pump)		0
c)	Confirming by sighting that there has been no sign of oil contamination in the segregated ballast tanks		0
d)	Confirmation that there has been no leakage from those ballast pipelines passing through cargo tanks and those cargo pipelines passing through ballast tanks (for Renewal Survey)		0
J-66	Dedicated Clean Ballast Tanks have been examined and found in fit condition:	MARPOL Annex I Reg.18.8 Oil Tankers GT ≥ 40000 Ships deliv. ≤ 01.06.1982	0
	Description:		
a)	Confirming by sighting that there has been no sign of oil contamination in the dedicated clean ballast tanks		0
b)	Confirmation that the tank arrangement is in fit condition (for Renewal Survey)		0
c)	Confirmation that there has been no leakage from those ballast pipelines passing through cargo tanks and those cargo pipelines passing through ballast tanks (for Renewal Survey)		0
d)	Oil content meter for monitoring of the clean ballast discharge has been examined and found in fit condition	MARPOL Annex I reg.18.8.3 Oil Tankers GT ≥ 150	0
J-67	Crude oil washing system has been examined and found in fit condition:	MARPOL Annex I reg.18.4,18.6, 18.7, 33.2, 33.3,35.1,35.2 Crude Oil Tankers Dw ≥ 20000, Ships deliv. > 01.06.1982 Dw ≥ 40000, Ships deliv. ≤ 01.06.1982	
	Description:		
a)	Examining externally for signs of leakage has been carried out with satisfactory results:		
a-1)	Crude oil washing piping		0
a-2)	Pumps and valves		0
a-3)	Deck mounted washing machines		0
b)	Confirmation that crude oil washing piping, including all fastening means, outside the cargo tanks is in fit condition		0
c)	The crude oil washing system was successfully tested with pressure to 1,5 times the working pressure (for the initial survey)		0
d)	Confirmation that the number of operational drive units as specified in the Manual are on board (where driving units are not integral with the tank cleaning machines)		0
e)	Confirmation that, when fitted, steam heaters for water washing can be properly isolated during crude oil washing operations, either by double shut-off valves or clearly identifiable blanks		0
f)	Confirming the satisfactory operation of the shutoff valves of pipeline of washing water system from steam heaters (for intermediate and Renewal Surveys)		0
g)	Examining the manual and/or remote operation of the individual tank valves (or other similar closing devices) to be kept closed at sea (for Intermediate and Renewal Surveys)		0
h)	Prescribed means of communications between the deck watch keeper and the cargo control position is operational		0
i)	Confirmation that an overpressure relief device (or other approved arrangement) is fitted to the pumps supplying the crude oil washing systems		0
j)	Confirmation that flexible hoses for supply of oil to the washing machines on combination carriers, are of an approved type, are properly stored and are in good condition		0
k)	Carrying out pressure testing of the crude oil washing system to at least the working pressure (for Renewal Survey)		0
J-68	Effectiveness of the crude oil washing system, including adequacy of installation and operational procedures laid down in the Operations and Equipment Manual, has been verified and is confirmed:	MARPOL Annex I reg. 18.4, 18.6, 18.7, 33.2, 33.3, 35.1, 35.2 Crude Oil tankers Dw ≥ 20000, Ships deliv. > 01.06.1982 Dw ≥ 40000, Ships deliv. ≤ 01.06.1982	0
	Description:		
a)	Checking cargo tanks containing departure and/or arrival ballast water, if applicable		0
b)	Crude oil washing machines are operable and, when the survey is carried out during crude oil washing operations, observing the proper operation of the washing machines by means of the movement indicators and/or sound patterns or other approved methods		0

c)	Checking the effectiveness of the stripping system in appropriate cargo tanks by observing the approved monitoring equipment or by arrangements for hand dipping provided in cargo tanks at the absence of this equipment.	0
d)	Examining at least two selected cargo tanks (for Intermediate Survey)	0
e)	Examining the all cargo tanks (for Special Survey)	0
f)	Examining internally the shutoff valves of pipelines from any steam heaters (for Special Survey)	0
J-69	Confirmation that, where there is a crude oil washing system, and inert gas system has been installed and tested in accordance with the requirements of SOLAS 74/88/2000 (for the initial survey)	0
	Description:	
J-70	Confirmation that arrangements for the oil tankers with special ballasting are satisfied to approved operational Procedures	MARPOL Annex I reg. 18.10 Oil Tankers Ships deliv. ≤ 01.06.1982
	Description:	
J-71	Pumps, piping and discharge arrangements have been examined and found in fit condition:	MARPOL Annex I reg.30 Oil Tankers
	Description:	
a)	Piping arrangements for discharge of dirty ballast water or oil-contaminated water	0
b)	Arrangement of the part flow system (if fitted)	0
c)	The observation and discharge control positions (for the initial survey), including the communication system between the observation position and the discharge control position are satisfactory	0
d)	Means to drain all cargo pumps and all oil lines including the stripping device and line for discharge to the slop or cargo tanks or to reception facilities	0
J-72	Cargo transfer system and closing devices provided in the cargo oil pipelines for separating the tanks from each other have been examined and found in fit condition (for Renewal Survey)	MARPOL Annex I reg.26.5, 26.7 Oil TankersShips deliv. < 01.01.2010
	Description:	
J-73	Confirming, that the subdivision and stability arrangements in addition to the provisions of previous item, to prevent progressive flooding are satisfactory (for the initial survey)	MARPOL Annex I reg.23 and 26 Oil Tankers
	Description:	
J-74	Confirming, as appropriate, that the arrangements for the prevention of oil pollution in the event of collision or stranding are in accordance with the approved plans (for the initial survey)	MARPOL Annex I reg. 19-22 Oil Tankers
	Description:	
J-75	Confirmation the arrangement for cargo pump-room bottom protection (double bottom where required) (for the initial survey)	MARPOL Annex I reg.22 Oil Tankers
	Description:	
J-76	Confirming by communication that ship's Master have prompt access to computerized, shore-based damage stability and residual structural strength calculation programs	MARPOL Annex I reg.37.4 Oil Tankers Dw ≥ 5000

Alternations, Notes, Memoranda

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Recommendations

Item No.	Description	To be dealt by

Date & Place of survey:

Duration of Survey (hours):

Name and signature of Surveyor to ACS