



भारत सरकार / GOVERNMENT OF INDIA
पोत परिवहन मंत्रालय / MINISTRY OF SHIPPING

नौवहन महानिदेशालय, मुंबई
DIRECTORATE GENERAL OF SHIPPING, MUMBAI

No: ENG/PSC/66(29)2012-Monthly Report

Date: 25.11.2019

PSC/FSI INSPECTION REPORT FOR JULY TO SEPTEMBER 2019

A. Port State Inspections Of Foreign Flag Vessels In India

- There were 164 port state inspections in July to September'19. The maximum number of inspections, that is 49, constituting about of 30% total inspections were conducted by Chennai.
- There were **ten** detentions in July to September'19. The Average Deficiency index is 3.97& Nil Deficiency rate is 23.17%
- Bulk Carriers continue to be the maximum ship type inspected with about 55 inspections, that is, 33.53% of total inspections in July to September'19.
- The major areas where maximum number of deficiencies was registered in July to September'19 were under SOLAS.
- Detained Vessels

S. No.	Ship Name	IMO	Ship Type	GT	RO	Flag
1	ANGELIC POWER	9030400	Oil Tanker	1653	KR	Hong Kong
2	BD 51	9129940	Oil Tanker	2411	KR	Panama
3	BITUMEN PRINCESS	9133719	Ro Ro Cargo	4236	NKK	Panama
4	DORSTEN	9250189	Chemical Tanker	4838	DNV GL	Panama
5	GMB ASTERIA	9340740	Bulk Carrier	5493	ABS	Greece
6	GRANDE FORTUNA	9423566	General Cargo	9984	INSB	St. Vincent
7	LMZ PHOEBE	9505003	Chemical Tanker	28357	VR	Panama
8	MEKONGTRANS 01	9507506	Bulk Carrier	32987	BV	Marshall Island
9	SPLENDOR EMERALD	9561643	OSV	35240	IRS	Panama
10	SUDARSHAN	9599389	General Cargo	40597	DNV GL	Liberia

Performance parameters ship type

Ship Type	No. of Inspection	No. of Detention
Bulk Carrier	55	2
Chemical Tanker	42	2
Container Ship	15	0
Gas Carrier	6	0
General Cargo/Multi-Purpose Ship	29	2
Offshore Service Vessel	1	1
Oil Tanker	12	2
Other Types of Ship	0	0
Ro-Ro Cargo Ship	4	1
Grand Total	164	10

Performance parameters RO wise

American Bureau of Shipping (ABS)	15	1
Bureau Veritas (BV)	21	1
China Classification Society (CCS)	10	0
Det Norske Veritas (DNV)	19	2
IRS	3	1
INSB	1	1
ACS	3	0
Korean Register of Shipping (KRS)	14	2
Lloyd's Register (LR)	20	0
Nippon Kaiji Kyokai (NK)	45	1
Polski Rejestr Statkow (PRS)	1	0
RINA Services S.p.A. (RINA)	8	0
Viet Nam Register (VR)	4	1

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Table 3: Deficiencies Break-up

Type of Deficiencies	No. of Deficiencies
01101 : Cargo Ship Safety Equipment (including exemption)	54
01106 : Document of Compliance (DoC/ ISM code)	23
01139 : Maritime Labour Certificate	1
01140 : Declaration of Maritime Labour Compliance (part I and II)	14
01204 : Certificate for personnel on tankers	18
01214 : Endorsement by Flag State	4
01305 : Log-books/compulsory entries	5
01307 : Tables of working hours	2
01308 : Records of rest	31
01310 : Signs, indications	3
01314 : Shipboard oil pollution emergency plan (SOPEP)	26
01315 : Oil record book	34
01320 : Garbage record book	4
01324 : Material Safety Data Sheets(MSDS)	10
01333 : Ship specific plans for the recovery of persons from the water	3
02105 : Steering gear	12
02109 : Permanent means of access	10
02112 : Hull - corrosion	6
02117 : Decks - corrosion	23
02122 : Openings to cargo area, doors, ... scuttles	18
02123 : Wheelhouse -door -window	7
02199 : Other (structural condition)	12
03102 : Freeboard marks	1
03104 : Cargo & other hatchways	10
03107 : Doors	44
03108 : Ventilators, air pipes, casings	32
03111 : Cargo ports and other similar openings	6
04102 : Emergency fire pump and its pipes	4
04103 : Emergency, lighting, batteries and switches	11
04114 : Emergency source of power - Emergency generator	2
05102 : Functional requirements	4
05114 : Reserve source of energy	6
05115 : Radio log (diary)	3
05199 : Other (radiocommunication)	4
07105 : Fire doors/openings in fire-resisting divisions	3
07106 : Fire detection and alarm system	5
07110 : Fire fighting equipment and appliances	13
07115 : Fire-dampers	3
07120 : Means of escape	17
07199 : Other (fire safety)	5
08199 : Other (alarms)	2
09106 : Sanitary Facilities	4
09127 : Cleanliness	5
09201 : Ventilation (Working spaces)	4
09204 : Safe means of access	7
09209 : Electrical	13
09211 : Steam pipes and pressure pipes	6
09217 : Warning notices	2
09221 : Entry dangerous spaces	4
09228 : Anchoring devices	3
09232 : Cleanliness of engine room	6
09297 : Other (working space ILO)	2
09298 : Other (accident prevention)	5
10101 : Pilot ladders and hoist/pilot transfer arrangements	7
10105 : Magnetic compass	6
10109 : Lights, shapes, sound-signals	8
10112 : Electronic charts (ECDIS)	6
10116 : Nautical publications	7
11104 : Rescue boats13199 : Other (machinery)14501 : Garbage	3
11117 : Lifebuoys incl. provision and disposition	5
11131 : On board training and instructions	2
11134 : Operation of Life Saving Appliances	2
11199 : Other (life saving)	4
13101 : Propulsion main engine	4
13102 : Auxiliary engine	4
13104 : Bilge pumping arrangements	1
13199 : Other (machinery)	3
14501 : Garbage	1
14502 : Placards	3
15109 : Maintenance of the ship and equipment	17
16101 : Security related defects	2
16105 : Access control to ship	3
Total	656

B. FLAG STATE INSPECTIONS OF INDIAN FLAG VESSELS

- a) There were 106 Flag state inspections in July to September'2019. The maximum numbers of inspections, that is, 24 constituting about 22.64 of total inspections were conducted by MMD Chennai.
- b) In July to September'2019 there were **seven detentions**. The Average Deficiency index is 6.26& Nil Deficiency Rate is 4.72%
- c) **Recognized Organizations:** IRS with 84 inspections has the highest number of single class ships inspected in July to September'2019.
- d) **Owners/Managers:** The Shipping Corporation of India Ltd. with 10 inspections each has the highest number of ships inspected in July to September'2019.
- e) **Detained Vessels:**

S. NO.	Ship Name	IMO	Type	GT	RO
1	VIVEK PREM	9157181	Other	1316	IRS
2	SEAWAYS 9	9215531	Other	458	IRS
3	WILCHIEF 1	8304799	Other	3700	IRS-DNV
4	ALBATROSS 07	8308513	Other	1310	IRS
5	VIHAAN	9691383	Tug	470	IRS
6	MAHI	8822997	Other	163	IRS
7	ORCHIDS	8323393	Other	17612	IRS

Table 1: Performance parameters ship type

Ship Type	No. of Inspection	No. of Detention
bulk carrier	3	0
chemical tanker	1	0
container ship	6	0
gas carrier	3	0
general cargo/multi-purpose ship	5	0
high speed passenger craft	2	0
offshore service vessel	5	0
oil tanker	16	0
other types of ship	36	6
passenger ship	2	0
tugboat	27	1
Total	106	7

Table 2: Performance parameters RO wise

Row Labels	Count of Sr. No.
IRS	84
IRS/ ABS	7
IRS/ GL	1
IRS/ DNV	5
IRS/ LR	5
IRS/ NKK	3
IRS/KRS	1
Grand Total	106

Performance Parameters based upon Ship Type and Age								
Ship Type	0-5 yrs		6-15 yrs		16-25 yrs		> 25 yrs	
	No. of insps.	No. of detns.	No. of insps.	No. of detns.	No. of insps.	No. of detns.	No. of insps.	No. of detns.
All Vessels	12	1	34	0	42	2	18	4
Bulk Carrier	1	0	1	0	1	0	0	0
Chemical Tanker	0	0	0	0	1	0	0	0
OCV/General Cargo/Multi Purpose	0	0	1	0	2	0	2	0
Off shore service vessels	1	0	2		1	0	1	0
Oil Tankers	0	0	5	0	10	0	1	0
Container Vessels	0	0	2	0	4	0	0	0
Passenger Vessels	0	0	1	0	3	0	0	0
Gas Carrier	0	0	1	0	2	0	0	0
Tug Boats	4	1	9	0	10	0	4	0
Other Type of Ships	6	0	12	0	8	2	10	4
MODU or FPSO	0	0	0	0	0	0	0	0

Performance of vessels: Based on Ship type and Size

Vessels< 500GT	No. of insps.	No. of detns.
All Vessels inspected < 500GT	41	3
Oil Tanker	1	0
Other Type Vessel	12	2
Passenger Ships	2	0
Tug Boats	26	1

Vessels >= 500GT & < 3000gt	No. of insps.	No. of detns.
All Vessels inspected >=500GT & < 3000GT	23	2
Container Ships	1	0
Passenger Ships		0
General Cargo	4	0
OSV	3	0
Oil Tanker	0	0
Other Type of Ships	14	2
Tug Boat	1	0
Gas Carrier	0	0

Vessels >= 3000gt	No. of insps.	No. of detns.
All Vessels inspected >= 3000GT	42	2
Bulk Carrier	3	0
General Cargo	1	0
Gas Carrier	3	0
OSV	2	0
Passenger Ships	2	0
Oil Tanker	15	0
Other Type of Ships	10	2
Container Ship	5	0
Chemical Tanker	1	0

Performance of Indian Shipping Companies

Name of Company	No. of Inspection	No. of Detention
ABS MARINE	1	0
ADANI	2	0
AK SHIP MANAGEMENT	2	1
ALBATROSS SHIPPING AGENCIES	1	1
AMAZE MARITIME SERVICES PRIVATE LIMITED	1	1
AMBA SHIPPING	2	1
AMBUJA CEMENTS LTD	1	0
APEEJAY SHIPPING LIMITED	1	0
ARKAY LOGISTICS LIMITED MUMBAI	1	0
Chandra Ship Management Pvt Ltd	1	0
COCHIN PORT TRUST	1	0
DARYA SHIP MANAGEMENT PRIVATE LIMITED	1	0
DCI	4	0
ESSAR SHIPPING LIMITED	1	0
FLEET MANAGEMENT INDIA PVT LIMITED MUMBAI	1	0
GESCO	6	0
GLOBAL OFFSHORE	4	0
Greatship India Ltd	2	0
HALANI SHIPPING PRIVATE LIMITED	1	0
HIND OFFSHORE PVT LTD	3	0
HOGER OFFSHORE	1	0
IGOPL	1	1
Ind-Aust Maritime Pvt Ltd	1	0
ITT SHIPPING PVT LTD	2	0
K STEAMSHIP AGENCIES PVT LTD , MUMBAI	1	0
Kakinada Seaports Ltd.	3	0
KESARI MARINE SERVICE	1	0
LDCL	1	0
LIFT AND SHIFT	1	0
M/S SUPREME HYDRO ENGG. PVT.LTD	1	0
MAK LOGISTICS PVT LTD	1	0
MERCATOR LIMITED	2	0
MUNDRA PORT AND SEZ LTD	1	0
NAUTEX MARITIME PVT.LTD	1	0
NAUTILUS SHIPPING INDIA PVT LTD	1	0
Ocean Sparkle Ltd	8	0
PENINSULAR MARITIME	1	0
PENUPOTHU SURYARAO	1	0
POLESTAR MARITIME LIMITED	1	0
Proactive Ship Management Pvt Ltd	1	0
QK MARINE SERVICES PVT LIMITED	1	1
SADHAV SHIPPING LTD, MUMBAI	1	0
SAMSON MARITIME LTD.	1	0
SANMAR SHIPPING LTD	2	0
SCI	10	0
SDS OFF SHORE PVT LTD, MUMBAI	1	0
Seamec Limited	1	0
SEAPORT SHIPPING PRIVATE LIMITED	1	0
SERVA SHANTI PROPERTIES PVT LTD	1	0
SEVEN ISLANDS SHIPPING LTD	6	1
SHANTI SAGAR INTERNATIONAL DREDGING PVT LTD	2	0
SIMA MARINE (INDIA) PVT LTD	1	0
SPARKLE PORT SERVICES LTD	2	0
Sushie Marine Services Pvt Ltd	1	0
TCI Seaways	2	0
TIRUPATI VESSEL PVT. LTD.	1	0
TW SHIP MANAGEMENT PVT LTD	2	0
VINAYAK MARINE SERVICES PVT LTD	1	0
ZEN SHIPPING AND PORTS INDIA PVT LTD	1	0
Total	106	7

Detail of Deficiencies

Type of Deficiencies	No. of Deficiencies
01101 : Cargo Ship Safety Equipment (including exemption)	1
01102 : Cargo Ship Safety Construction (including exempt.)	1
01107 : Safety Management Certificate (SMC/ ISM)	2
01113 : Minimum Safe Manning Document	9
01117 : International Oil Pollution Prevention (IOPP)	1
01118 : Pollution Prevention by Noxious Liquid Sub in Bulk	1
01119 : International Sewage Pollution Prevention Cert.	1
01122 : International ship security certificate	1
01123 : Continuous synopsis record	5
01125 : Engine International Air Pollution Prev. Cert.	1
01132 : Tonnage certificate	1
01134 : Other (certificates)	18
01201 : Certificates for master and officers	3
01202 : Certificate for rating for watchkeeping	1
01203 : Certificates for radio personnel	1
01209 : Manning specified by the minimum safe manning doc	4
01214 : Endorsement by Flag State	2
01215 : Application for Endorsement by Flag State	1
01301 : Cargo Gear Record Book	1
01305 : Log-books/compulsory entries	10
01306 : Schedules for watchkeeping personnel	1
01307 : Tables of working hours	2
01308 : Records of rest	8
01309 : Fire control plan - all	2
01310 : Signs, indications	2
01311 : Survey report file	1
01314 : SOPEP	2
01315 : Oil record book	6
01320 : Garbage record book	1
01323 : Fire safety operational booklet	1
01324 : Material Safety Data Sheets(MSDS)	5
02101 : Closing devices/watertight doors	1
02106 : Hull damage impairing seaworthiness	2
02108 : Electrical installations in general	1
02111 : Beams, frames, floors-corrosion	2
02112 : Hull - corrosion	4
02115 : Bulkheads - operational damage	1
02117 : Decks - corrosion	6
02122 : Openings to cargo area, doors, ... scuttles	3
03102 : Freeboard marks	1
03103 : Railing, gangway, walkway and means for safe passage	3
03104 : Cargo & other hatchways	2
03105 : Covers (hatchway-, portable-, tarpaulins, etc.)	1
03107 : Doors	8
03108 : Ventilators, air pipes, casings	10
03109 : Machinery space openings	1
03112 : Scuppers, inlets and discharges	1

03115 : Other (load lines)	3
04101 : Public address system	5
04102 : Emergency fire pump and its pipes	4
04103 : Emergency, lighting, batteries and switches	7
04105 : Location of emergency installations	3
04106 : Emergency steering position com./ compass reading	1
04107 : Emergency towing arrangements and procedures	2
04108 : Muster list	2
04109 : Fire drills	1
04110 : Abandon ship drills	4
04114 : Emergency source of power - Emergency generator	3
05105 : MF/HF Radio installation	2
05109 : VHF radio installation	1
05111 : Satellite EPIRB 406MHz/1.6GHz	1
05113 : SART/AIS-SART	1
05114 : Reserve source of energy	1
05115 : Radio log (diary)	3
05116 : Operation/maintenance	2
05117 : Other (radiocommunication)	3
06105 : Other (cargo)	4
06107 : Cargo operation	1
07105 : Fire doors/openings in fire-resisting divisions	6
07106 : Fire detection and alarm system	9
07108 : Ready availability of fire fighting equipment	2
07109 : Fixed fire extinguishing installation	5
07110 : Fire fighting equipment and appliances	15
07111 : Personal equipment for fire safety	1
07112 : Emergency Escape Breathing Device and disposition	3
07113 : Fire pumps and its pipes	10
07114 : Remote Means of control (opening, pumps, ventilation, etc.) Machinery spaces	3
07119 : Other (fire safety)	15
07120 : Means of escape	3
07121 : Crew alarm	1
08103 : Fire alarm	2
08107 : Machinery controls alarm	1
08111 : Other (alarms)	2
09102 : Dirty, parasites	1
09103 : Ventilation (Accommodation)	5
09106 : Sanitary Facilities	1
09108 : Lighting (Accommodation)	2
09109 : Pipes, wires (insulation)	3
09111 : Sickbay	1
09113 : Access/structure	1
09116 : Furnishings	1
09123 : Other (crew and accommodation)	6
09124 : Galley, handlingroom (maintenance)	1
09125 : Ventilation	1
09127 : Cleanliness	1
09130 : Water, pipes, tanks	1
09133 : Cold room cleanliness	1
09134 : Food personal hygiene	1

09201 : Ventilation (Working spaces)	2
09203 : Lighting (Working spaces)	5
09204 : Safe means of access	3
09205 : Safe means of access Shore - Ship	2
09207 : Obstruction/slipping, etc.	3
09208 : Protection machinery	2
09209 : Electrical	14
09210 : Machinery	10
09211 : Steam pipes and pressure pipes	11
09213 : Gas instruments	1
09215 : Other (working space ILO)	4
09217 : Warning notices	3
09218 : Protection machines/parts	3
09219 : Pipes, wires (insulation)	1
09220 : Structural features (ship)	1
09221 : Entry dangerous spaces	3
09222 : Other (accident prevention)	10
09223 : Gangway, accommodation-ladder	1
09225 : Loading and unloading equipment	1
09228 : Anchoring devices	6
09229 : Winches & capstans	4
09231 : Other (mooring)	5
09232 : Cleanliness of engine room	8
09233 : Guards - fencing around dangerous machinery parts	1
10103 : Radar	3
10104 : Gyro compass	1
10105 : Magnetic compass	8
10109 : Lights, shapes, sound-signals	12
10110 : Signalling lamp	2
10111 : Charts	6
10114 : Voyage data recorder (VDR)/Simplified Voyage data recorder(S-VDR)	2
10116 : Nautical publications	19
10117 : Echo sounder	2
10118 : Speed and distance indicator	1
10129 : Navigation records	4
10130 : Other (navigation)	9
10133 : Bridge operation	1
11101 : Lifeboats	7
11102 : Lifeboat inventory	1
11104 : Rescue boats	9
11108 : Inflatable liferafts	5
11110 : Stowage and provision of liferafts	3
11112 : Launching arrangements for survival craft	2
11113 : Launching arrangements for rescue boats	1
11115 : Means of rescue	1
11116 : Distress flares	1
11117 : Lifebuoys incl. provision and disposition	10
11118 : Lifejackets incl.provision and disposition	4
11119 : Immersion suits	1
11129 : Operational readiness of lifesaving appliances	2
11131 : On board training and instructions	9

11132 : Maintenance and inspections	2
11133 : Other (life saving)	10
11134 : Operation of Life Saving Appliances	1
11135 : Maintenance of Life Saving Appliances	1
13101 : Propulsion main engine	11
13102 : Auxiliary engine	10
13103 : Gauges,thermometers, etc	6
13104 : Bilge pumping arrangements	1
13106 : Insulation wetted through (oil)	1
13107 : Other (machinery)	8
13108 : Operation of machinery	6
14101 : Control of discharge	1
14102 : Retention of oil on board	4
14104 : Oil filtering equipment	3
14105 : Pumping, piping and discharge arrangements	2
14110 : Standard disch. conn.	1
14118 : Other (MARPOL Annex I)	4
14119 : Oil and oily mixtures from machinery spaces	1
14402 : Sewage treatment plant	4
14403 : Sewage comminuting and disinfecting system	1
14404 : Sewage discharge connection	2
14405 : Other (MARPOL Annex IV)	4
14501 : Garbage	9
14502 : Placards	4
14503 : Garbage management plan	2
14504 : Other MARPOL Annex V	2
14604 : Bunker delivery notes	2
14608 : Incinerator incl.operations and operating manual	1
15105 : Resources and personnel	6
15107 : Emergency preparedness	1
15108 : Reports of non-conf., accidents & hazardous occur.	1
15109 : Maintenance of the ship and equipment	3
15111 : Company verification, review and evaluation	1
15112 : Certification, verification and control	1
15113 : Other (ISM)	2
16105 : Access control to ship	2
16107 : Other (maritime security)	1
17101 : Other safety in general	9
17102 : Other (SOLAS operational)	1
Total	664

C. Port State Inspection of Indian Flag Vessels Abroad

- There was a total of 40 Indian Flag vessels inspected between July to September'19 in 10 regional MOU/ PSC regimes.
- There were **two** detentions during July to September'19.
- Among the entire PSC regime, with 2 or more inspections, the best performance was that in **TOKYO** with 18 inspections.
- The Average Deficiency index is 3.25& Nil Deficiency Rate is 45%
- Detained Vessels

Name of Vessel	IMO No.	Age/Type	GT	RO/Flag
Sai Sunshine	9161194	20/General Cargo	13066	IRS-BV
Navdhenu Purna	9339765	14/Bulk Carrier	29961	IRS

e) Corrective and Preventive Action:

- Corrective and preventive actions submitted by the Owners upon vetting by R.O for vessel "Navdhenu Purna" and "Sai Sunshine" found to be satisfactory.
- Master of the vessel "Sai Sunshine" was called to D.G.Shipping to brief the competent authority about the lapses in implementing Eng circular no. 01 of 2019.

Performance under various PSC regimes

Regional MOU/PSC Regime	Number of Inspections	Number of detentions
ABUJA	1	0
AMSA	2	0
BLACK SEA	1	0
IOMOU	2	1
MEDITERRANEAN	1	0
PARIS	2	0
RIYADH	1	0
TOKYO	18	1
USCG	8	0
ACUERDO	4	0
TOTAL	40	2

Performance based upon ship type and age

Type of Vessel	No. of Inspections	No. of Detentions
Bulk Carrier		
0-5 Years	4	0
6-15 Years	17	1
>15 Years	0	0
Chemical Tanker		
0-5 Years	0	0
6-15 Years	3	0
>15 Years	0	0
General Cargo		
0-5 Years	0	0
6-15 Years	0	0
>15 Years	2	1

Type of Vessel	No. of Inspections	No. of Detentions
Other Type		
0-5 Years	0	0
6-15 Years	2	0
>15 Years	0	0
GAS CARRIER		
0-5 Years	0	0
6-15 Years	0	0
>15 Years	0	0
Oil Tanker		
0-5 Years	3	0
6-15 Years	8	0
>15 Years	1	0

Performance of Recognized Organizations

RO	No. of Inspection	No. of Detention
IRS	17	1
IRS-ABS	4	0
IRS-BV	5	1
IRS-DNV	6	0
IRS-LR	5	0
IRS-NK	3	0
Total	40	2

Performance of Indian Ship Operators

Name of Shipping Companies	No. of Inspection	No. of Detention
ASP Ship Management (India) Pvt. Ltd	1	0
AZA Shipping Pvt. Ltd.	1	0
Fleet Management India Pvt. Ltd	5	0
GESCO	18	0
GU Ocean Pvt. Ltd.	1	0
SCI	9	0
Sai Maritime & Management	1	1
Van Oord India Pvt. Ltd.	1	0
Seavantek Shipping Services	1	1
Tolani Shipping Co. Ltd.	2	0
Grand Total	40	2

Types of Deficiencies

Type of Deficiencies	Number of Deficiencies
01119 - International Sewage Pollution Prevention Cert.	1
01305 - Log-books/compulsory entries	1
01315 - Oil record book	1
01319 - Shipboard mar.poll.emergency plan for NLS	1
02101 - Closing devices/watertight doors	1
02102 - Damage control plan	2
02105 - Steering gear	1
02106 - Hull damage impairing seaworthiness	1
02108 - Electrical installations in general	5
02109 - Permanent means of access	2
02112 - Hull - corrosion	1
02117 - Decks - corrosion	2
02125 - Spaces in cargo areas	2
03102 - Freeboard marks	1
03103 - Railing, gangway, walkway and means for safe passage	2
03115 - Other (load lines)	2
04101 - Public address system	1
04102 - Emergency fire pump and its pipes	1
04103 - Emergency, lighting, batteries and switches	2
04107 - Emergency towing arrangements and procedures	1
04111 - Damage control plan	1
04114 - Emergency source of power - Emergency generator	1
05116 - Operation/maintenance	1
07101 - Fire prevention structural integrity	2
07103 - Division - decks, bulkheads and penetrations	1
07105 - Fire doors/openings in fire-resisting divisions	9
07106 - Fire detection and alarm system	2
07109 - Fixed fire extinguishing installation	2
07110 - Fire fighting equipment and appliances	1
07113 - Fire pumps and its pipes	2
07114 - Remote Means of control (opening, pumps, ventilation, etc.) Machinery spaces	1
07115 - Fire-dampers	3
07116 - Ventilation	1
07119 - Other (fire safety)	2
07122 - Fire control plan	1
07125 - Evaluation of crew performance (fire drills)	1
08101 - General alarm	1
08111 - Other (alarms)	1
09123 - Other (crew and accommodation)	2
09203 - Lighting (Working spaces)	1
09204 - Safe means of access	1
09209 - Electrical	1
09210 - Machinery	5
09211 - Steam pipes and pressure pipes	3
09215 - Other (working space ILO)	1
09216 - Personal equipment	1

09218 - Protection machines/parts	1
09219 - Pipes, wires (insulation)	3
09220 - Structural features (ship)	1
09222 - Other (accident prevention)	1
09226 - Holds and tanks safety	1
09232 - Cleanliness of engine room	3
10105 - Magnetic compass	1
10109 - Lights, shapes, sound-signals	1
10110 - Signalling lamp	4
10111 - Charts	1
10116 - Nautical publications	2
10126 - Record of drills and test steering gear	1
10127 - Voyage or passage plan	2
10136 - Establishment of working language onboard	1
11101 - Lifeboats	5
11102 - Lifeboat inventory	2
11104 - Rescue boats	1
11113 - Launching arrangements for rescue boats	1
11117 - Lifebuoys incl. provision and disposition	2
11119 - Immersion suits	1
11132 - Maintenance and inspections	1
11133 - Other (life saving)	2
13103 - Gauges,thermometers, etc	1
13106 - Insulation wetted through (oil)	1
13107 - Other (machinery)	3
14503 - Garbage management plan	1
15110 - Documentation-ISM	1
15113 - Other (ISM)	1
16105 - Access control to ship	1
17101 - Other safety in general	2
17102 - Other (SOLAS operational)	1
17103 - Other (MARPOL operational)	1
Grand Total	130

Approved by: Shri S Barik, Chief Surveyor (I/C)