

**Detainable and ISM Related Deficiencies
PSC inspection report of Class NK & NK-SMC ships in June 2015**

Topics

Marshall Islands Flag Administration, IRI issued the **Marine Notice No.5-034-5, 07/15** titled "MEASURES TO IMPROVE COMPLIANCE OF RMI VESSELS IN UNITED STATES PORTS". The administration requires all Marshall Islands Flagged vessels to complete "CRITICAL ITEMS CHECKLIST" the form of which is attached to the Marine Notice and to submit it to the administration before entry into US ports.

Summary

1.Radar

(Both radar monitors showing a blurred/twisted picture, Main radar unit recorded in cargo ship safety equipment certificate found to be inoperative- antenna not turning) (2cases)

2.Lifeboats

(L/B (S) - side engine - malfunction, because it was unable to keep running after starting, The ship's port side lifeboat engine was unable to perform ahead and astern engine movements i.e. engine throttle lever was stuck and unable

3.ISM

(ISM audit by the administration is required before departure, Deficiency(s) marked ISM is (are) objective evidence of a serious failure or lack of effectiveness, of implementation of the ISM code.) (2cases)

4.Other (ISM)

(SMS does not ensure compliance with procedures for critical operations, as evidenced by significant violations of minimum rest periods for C/O during all port operations for previous six months. Recent Company audit not fully

Details

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
1	ARG	Pto galvan	1	16105	Access control to ship	There is objective evidence that members of the crew did not carry out the access control procedures for persons on board, in accordance with the ship security plan, to not correctly identify PSC officers and complete the visitor log book (See report 159)	17
			2	11119	Immersion suits	Annual test immersion suits expired.	17
			3	03102	Freeboard marks	Freeboard marks assign authority missing.	17
			4	07110	Fire fighting equipment and appliances	During fire pump emergency test, it occurs the fire hoses broken.	17
			5	13102	Auxiliary engine	Emergency stop for motor auxiliary No.2 over speeding is not working.	17
			6	15104	Masters responsibility and authority	There is objective evidence that pediments and training on board do not has received appropriate training on board ISM manual SMO-SP07.	18

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
2	AUS	Portland	1	01220	Seafarer' employment agreement SEA	Three seafarer SEA's expired.	17
			2	06199	Other (cargo)	Gas detector sensor expired. Calibration gas expired Feb 2010	17
			3	11112	Launching arrangements for survival craft	Starboard lifeboat remote launching bracket on brake handle wasted.	17
			4	10111	Charts	Latest chart BA NTM received on board dated 9/4/2015, Week 15.	17
			5	11117	Lifebuoys incl. provision and disposition	Reflective tape peeling off several lifebuoys.	17
			6	07111	Personal equipment for fire safety	Some personnel not familiar with test / operation of SCBA equipment.	17
			7	18412	Personal equipment	Some personnel working in engine room not wearing hearing protection.	17
			8	18302	Sanitary facilities	Defective urinal and missing shower tap in crew common bathroom. Blocked sink in crew laundry.	17
			9	18326	Laundry, Adequate Locker	Defective clothes dryer in crew laundry.	17
			10	18416	Ropes and wires	One forward mooring line stranded.	17
			11	15199	Other (ISM)	SMS does not ensure compliance with procedures for critical operations, as evidenced by significant violations of minimum rest periods for C/O during all port operations for previous six months. Recent Company audit not fully effective, rest violations not noted; vessel and equipment not maintained to requirements as per Def. No. 2,3,4,5 & 6	30

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
3	AUS	Dampier	1	10111	Charts	Vessel used 2 no's old edition chart (AUS 58,AUS 741) and 3 no's scanned chart (AUS 60,AUS 57,AUS 327) used for inbound voyage in Australian coastal water	17

			2	10127	Voyage or passage plan	The approved inbound Voyage plan (dated 29 May 2015) included list of essential navigational charts that were not available on board and different instruction in passage plan for in bound voyage is incomplete	17
			3	01307	Tables of working hours	Engine room watch keeping schedule does not include day work timing (as documented) at port for engineering officer on board	17
			4	01308	Records of rest	Record of working hours for 2nd engineer does not include actual hours of work carried out during port	17
			5	01306	Schedules for watchkeeping personnel	Engineering officer are not keeping the engine room watch at port as documented in watch keeping schedule posted in engine room	17
			6	14108	15 PPM alarm arrangements	15 PPM alarm system for engine room oil filtering equipment defective	17
			7	11131	On board training and instructions	On board SOLAS training manual not ship specific	15
			8	11131	On board training and instructions	Rescue boat and free fall lifeboat maneuvering in water overdue	17
			9	10106	Compass correction log	Frequency of compass error not checked as required by STCW requirements	15
			10	11131	On board training and instructions	Key personnel unable to demonstrate manual operation of rescue boat and davit launching life raft arrangements	17
			11	11131	On board training and instructions	Key personnel unable to demonstrate SCBA operation check	17
			12	15199	Other (ISM)	Defective 15ppm monitoring equipment for engine room oily water separator was not reported to the administration and all of the above deficiencies are objective evidence that the safety management system as implemented on board fails to adequately satisfy the requirements of the ISM code section 7	30

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
4	CHN	Nanjing	1	09223	Gangway, accommodation-ladder	Safety net of gangway provided incompletely.	99
			2	11199	Other (life saving)	Locker pin of the handle to securing the L/B to the davit (STD.) not work freely.	17
			3	07114	Means of control (opening, pumps, ventilation, etc.) Machinery spaces	Fire door of E/R control room defective on closing.	17
			4	11199	Other (life saving)	Passage floors to STD. L/B corroded and holed.	99
			5	11101	Lifeboats	Indicating lamp of STD. L/B not work.	17
			6	07199	Other (fire safety)	CO2 room locked -key not found near the door.	17
			7	13102	Auxiliary engine	Tacho-meter of No.3 G/E failure.	99
			8	07105	Fire doors/openings in fire-resisting divisions	Fire insulation under the fire door sill of E/R escape trunk at bottom floor - partially missing.	99
			9	10111	Charts	Charts from CTK to Nanjing - old editions and not update.	30
			10	14499	Other (MARPOL Annex IV)	Body of the tank of sewage treatment plant - temporary repair carried.	99
			11	01305	Logbooks / compulsory entries	Fire fighting drill and abandon drill carried out at same time on 17-05-2015 and different from the record of navigation log book.	99
			12	15109	Maintenance of the ship and equipment	SMS failed to ensure that ship and its equipment were maintained well by the evidence as deficiencies item 2.3.4.5.7.8.9.10.	30

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
5	DEU	Hamburg	1	01131	International Anti-fouling-System Certificate	AFS certificate not found on board.	30
			2	15110	Documentation - ISM	ISM audit by the administration is required before departure.	30
			3	01320	Garbage record book	Garbage record book not properly entered. No entry of Category D since 8 Nov 2014. Category D incinerated but not documented in the record book.	99
			4	14503	Garbage management plan	Garbage management plan not containing ship specific information. Incinerator and comminute onboard, but no description. No garbage storage area defined.	10
			5	09235	Fitness for duty-work and rest hours	Rest hours record not keeping minimum hours and not as required as per MLC convention.	99
			6	01220	Seafarer' employment agreement SEA	SEA expired and not signed by the company. 2/E expired on 3 April 2015, and Bosun expired on 17 April 2015. 3/O promoted but still contract as AB.	30
			7	14402	Sewage treatment plan	Sewage plant UV (Ultraviolet) disinfection of 2nd stage inoperative. Sewage water connected to WBT.	30
			8	18401	Medical Equipment, medical chest, medical guide	Additional medical equipment as per IMDG Code App 14 MFAG not supplied against DG cargo.	30
			9	14501	Garbage	Incinerator ash in E/R and cargo residue bags to be discharged to shore facility in Hamburg.	30
			10	10111	Charts	Charts for Hamburg missing. (BA3267 and BA3268)	30
			11	10111	Charts	Several charts expired. Charts from last and for next voyage; BA3625, BA3619, BA1875.	30
			12	01315	Oil record book	Oil record book with wrong entry in weekly tank statements and difficult to read the entries.	99
			13	10116	Nautical publications	Nautical publication expired; NP27, NP55 and NP281(1).	30

14	10127	Voyage or passage plan	Voyage plan not properly prepared due to charts missing. (refer to PSC-10)	30
15	10114	Voyage data recorder (VDR)/Simplified Voyage date recorder (S-VDR)	VDR showing error "31 CF CARD" alarm and "32 CF CARD media error".	30
16	18302	Sanitary facilities	Showers and toilets in poor condition and dirty.	10
17	02105	Steering gear	Big clearance of ruder carrier bearing. To be investigated by RO.	30
18	18318	Food temperature	Refrigerators in poor condition; broken bottoms, damaged gaskets, dirty and unhygienic. Microwave also in poor condition.	10
19	18312	Galley, handling room (maintenance)	Galley and provision stores in unhygienic condition.	17
20	07111	Personal equipment for fire safety	BA (Breathing Apparatus) with low pressure less than 200 bars.	30
21	07105	Fire doors/openings in fire-resisting divisions	Fire doors not closing properly.	10
22	04108	Muster list	Muster list without any substitute regulation.	10
23	01305	Logbooks / compulsory entries	No entry of fuel change-over for SECA (Sulphur Emission Control Area) to log book.	10
24	01314	Shipboard oil pollution emergency plan (SOPEP)	SOPEP not including port contact list.	10
25	07120	Means of escape	Insulation of escape trunk in E/R partly damaged.	10
26	09232	Cleanliness of engine room	Buckets with DO left in E/R.	10
27	18316	Water, pipes, tanks	FW analysis not yet. Water produced by FW generator for shower, toilets and washing machines. Drinking FW supplied from shore not enough.	10
28	07110	Fire fighting equipment and appliances	Fire hose leaking.	30
29	18318	Food temperature	Found temperature for cold rooms adjusted too high. Setting: off-18 degrees. on-15degrees. Temperature on freezers must be for hygienically reasons less than -18 degrees Celsius. To be adjusted.	10
30	10116	Nautical publications	NP for intended voyage to Suez both Mediterranean books missing IR expired (NP45 and NP49).	30
31	11131	On board training and instructions	On life boat drill crew shows obvious lack of training -checking of lights from personal lifejacket not all crew members knows how to do- found one light not working.	10

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
6	DEU	Bremen	1	01315	Oil record book	Oil Record book not filled up properly: weekly entries for inventory (C11) are made all two to three weeks only.	99
			2	02106	Hull damage impairing seaworthiness	Vessel has crack on forward stb side, around 10 cm length. To be investigated by RO and repaired under class supervision.	10
			3	14614	Sulphur oxides	Found no procedure for change over from HFO to MGO on board. No calculation for needed time was made. Entries in Engine Log Book only giving time for starting change over, not when finished. No bunker figures in Engine Log Book found.	10
			4	15150	ISM	ISM audit by the administration is required before departure.	30
			5	14121	Suspected discharge violation	Bigger amount of hydraulic oil flown from deck into harbor water. No report about accident made from ship.	30
			6	01314	Shipboard oil pollution emergency plan (SOPEP)	No emergency port contact list for actual or former ports found.	10
			7	07199	Other (fire safety)	Found on rudder engine bigger amounts of hydraulic oil. Two canisters fixed for collecting part of leaking oil. System to be checked and reasons for leakage clarified.	30
			8	07113	Fire pumps and its pipes	Emergency fire pump below steering gear room is having insufficient pressure on ballast condition (1 bar). Water coming out on several leakages.	30
			9	07105	Fire doors/openings in fire-resisting divisions	Found several fire doors not more self-closing. Door to emergency exit found kept open by cable.	30
			10	18408	Electrical	Found earth faults on 100V switch board in emergency generator room and in EOR.	10
			11	07124	Maintenance of Fire Protection Systems	Found several self-closing valves on sounding pipes in engine room not more self-closing.	10
			12	18302	Sanitary facilities	Found sanitary rooms in unhygienic condition: public toilets and also in cabins. Dirty, mould in corners, damaged mirrors and shelters.	30
			13	18324	Cold room, cold room cleanliness, cold room temperature	Found both cold rooms too high temperature (maximum - 18 degrees Celsius allowed). Vegetable room high humidity and condensed water dripping down. Paper boxes soaked by water. Parts of vegetables rotten. Freezer in galley gaskets damaged.	30
			14	18419	Adequate lighting- mooring arrangements	From six mooring lights working only two.	30
			15	14199	Other (MARPOL Annex I)	Oil leakage due to broken hose on hydraulic stamp cargo hold III fed stb side. Cleaning process was not done correctly. No implementation of SOPEP.	30
			16	10103	Radar	Both radar monitors showing a blurred/twisted picture.	30
			17	01308	Records of rest	Found discrepancies in deck log book and documentation of working- and resting hours.	99

			18	09235	Fitness for duty-work and rest hours	Found on documentation of resting times for May 2015 several crewmembers not keeping minimum resting time.	99
			19	01220	Seafarer' employment agreement SEA	Found two crewmembers with expired contracts. For several crewmembers no expiry date given in contracts.	10
			20	01320	Garbage record book	Found in Garbage Record Book no entries for CAT D (used cooking oil). According to crew CAT D is collected to engine room. Entries are not split for categories but made together for example C+E.	99

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7	GRC	Elefsis	1	10116	Nautical publications	ITU list of ship stations found to be not updated.	17
			2	10109	Lights, shapes, sound-signals	Inoperative navigational lights was found on board. Portside (emergency) and starboard side (main). (ISM)	30
			3	04102	Emergency Fire Pump and its pipes	Instructions for complete operation of emergency fire pump (combination with port generator) missing.	17
			4	18418	Winches and capstans	Brake rod of mooring winch (aft) found to be rusted and not properly maintained. (ISM)	17
			5	18313	Cleanliness	Dirty shelves without maintenance was found at galley.	17
			6	07112	Emergency Escape Breathing Device and disposition	Two (2) SCBA (Self-contained breathing apparatus) located on bridge found not properly maintained. One had defective closing air valve and another defective mask. (ISM)	30
			7	18321	Heating, air conditioning and ventilation	Insufficient maintenance was found at main heating and air conditioning unit. Rusted spots without maintenance near ventilator suction area. (ISM)	17
			8	10116	Nautical publications	Chart 1596 recorded in passage plan to Elefsis port found to be not updated. (ISM)	30
			9	10103	Radar	Main radar unit recorded in cargo ship safety equipment certificate found to be inoperative (antenna not turning) (ISM)	30
			10	15150	ISM	Safety management audit by the Admin. Is required before departure. Deficiency(s) marked ISM is (are) objective evidence of a serious failure or lack of effectiveness, of implementation of the ISM code.	30
			11	09233	Guards-fencing around dangerous machinery	Protective net missing from port generator (in front of dynamo belts) at forecandle. (ISM)	17
			12	10117	Echo-sounding device	Depth indications of echo sounder not appeared. (ISM)	30
			13	13102	Auxiliary engine	Black out recovery (feedback) procedure missing from engine room.	17
			14	16101	Ship security defects	Insufficient access control was found in board ID card not requested visitors card not provided.	17

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8	JPN	Yokohama	1	01106	Document of Compliance (DoC/ISM Code)	Latest copy of DOC not Available onboard	17
			2	16105	Access control to ship	Access control for visitors not properly carried out as required	99
			3	01308	Records of rest	Rest hours records of engine department personnel's including chief engineer not reflected actual hours worked for bunkering operations	99
			4	18416	Ropes and wires	Foreword mooring line defective	17
			5	18425	Access/ structural features (ship)	Starboard & Port side accommodation ladder not properly being maintained	16
			6	07106	Fire detection	Fire detection panel is indicating fault alarm of "lower floor E/R" All three detectors at "lower floor E/R" are out of order	17
			7	03109	Machinery space openings	Top bolted hatch cover of engine room locked in open position	17
			8	04103	Emergency lighting, batteries and switches	Lamp buzzer test of emergency switchboard defective	16
			9	11103	Stowage and provision of lifeboats	Port side lifeboat not stowed correctly	17
			10	03199	Other (load lines)	Non-return valves for No.1 hatch cover missing closures	17
			11	13199	Other (machinery)	Main steam water valve of Aux. boiler leaking steam	17
			12	18421	Guards- fencing around dangerous machinery	Grinder in E/R missing shield	17
			13	07199	Other (fire safety)	Temporary oil accumulation bucket for main engine oil drain placed at AFT main engine	17
			14	14501	Garbage	Garbage not collected & storage as required by the vessel's garbage management plan	99
			15	03108	Ventilators, air pipes, casings	Numerous vent head of ballast water tanks corroded & seized	17
			16	11131	On board training and instructions	Entering into enclosed space & rescue drill not carried out	99
			17	15109	Maintenance of the ship and equipment	A large number of deficiencies indicate a failure or lack of effectiveness of implementation of vessel's safety management system	18

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
9	JPN	Port of Kashima	1	14602	Record book of engine parameters	NOx technical file with parameter record book for M/E and A/E - unable to present during PSC	17

			2	11102	Lifeboat inventory	Search lights for L/B (P & S) – malfunction	17
			3	10133	Bridge operation	BNWAS (Bridge Navigational Watch Alarm System) – not operated while navigation as evidenced 1)Any crew didn't know how to power on 2)Capt. was unable to demonstrate how to power on	17
			4	07114	Means of control (opening, pumps, ventilation, etc.) Machinery spaces	Air Tank for operation of quick shut down device for oil tanks in E/R – empty (in Fire Station)	17
			5	07113	Fire pumps and its pipes	Air Tank for operation of sea chest valve to Em'cy F. Pump. (CAV) – empty / crew not familiar with the tank (in St. Gear Rm)	17
			6	07109	Fixed fire extinguishing installation	Local water mist system for E/R – Kept switch off.	17
			7	11101	Lifeboats	L/B (S) – side engine – malfunction, because it was unable to keep running after starting	30
			8	99103	Other (MARPOL operational)	Sewage discharged directly overboard at port as evidenced 1)Gate valve to ov' bd was stuck at open condition 2)Gate valve to sewage treatment plant was stuck at closed position	17
			9	13199	Other (machinery)	Sea water pipes in E/R – leaked or temporary patched at below positions 1) Flange from S.W.P. to air conditioner, 2) Inlet pipe to O.W.S., 3) Outlet pipe from L.T. F.W. Cooler	16
			10	07101	Fire prevention structural integrity	A-60 fire insulation for BHD between E/R and St. Gear Rm – partly peeled off behind press. gauge for air tank (CAV) and pipe penetrations in St. Gear Rm.	17
			11	07126	Oil accumulation in engine room	Self-closing device of flat glass gauge in E/R – kept open condition by iron material (M/E L.O. Stor Tank / G/E L.O. Stor Tank / No.1/2 CYL Stor Tank)	17
			12	11117	Lifebuoys incl. provision and disposition	Lifebuoy with self-igniting light on Boat Deck (S-side) – not light on	17
			13	11102	Lifeboat inventory	A painter of lifeboat (S-side) – heavily damaged	17
			14	11199	Other (life saving)	IAMSAR Vol. III – not up to date	17
			15	15199	Other (ISM)	SMS did not ensure that proper shipboard operation as evidenced by Def. No.1, 3 & 8. SMS did not ensure to well maintain as evidenced by Def. No.2, 7, 9, 10, 12 & 13. SMS did not ensure to emergency preparedness as evidenced by Def No.4, 5, 6, 11 & 14..	18

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
10	JPN	Yokohama	1	13101	Propulsion main engine	Main engine including turbo charger has damage of degree that it cannot be started.	17
			2	07106	Fire detection	Fire detection panel installed in the bridge indicates a fault alarm. Some areas have been isolated.	17
			3	18416	Ropes and wires	Vessel's mooring conditions are in poor condition.	17
			4	03105	Covers (hatchway-, portable-, tarpaulins, etc.)	Cargo hatch covers not properly secured.	17
			5	10111	Charts	Chart of Tokyo wan (JP90) – not provided	17
			6	14501	Garbage	Garbage of final stowage – overflow	17
			7	11112	Launching arrangements for survival craft	Emergency light for launching area of freefall lifeboat – not provided	17
			8	18407	Lighting (Working spaces)	Some lightings in Bos'n Store (working apace) – broken	17
			9	11105	Rescue boat inventory	Painter and buoyant tow line of rescue boat equipment – missing	17
			10	05106	INMARSAT ship earth station	EGC (Enhanced Group Calling) not properly received MSI through POR.	17
			11	02117	Decks – corrosion	CO2 room floor (deck) has corrosion holes different places.	30
			12	03108	Ventilators, air pipes, casings	Sounding pipes of D.O.Tank located on main deck missing original closure.	17

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11	POL	Szczecin	1	10119	Rudder angle indicator	Rudder Angle Indicator (Stbd. wing) inoperative.	17
			2	18302	Sanitary facilities	Crew toilets and showers, main deck: UNHYGIENIC.	17
			3	07109	Fixed fire extinguishing installation	Cargo Hold CO2 pipes heavily corroded with holes.	30
			4	18418	Winches and capstans	AFT. Winches: Brakes Leanings in very poor condition.	17
			5	18414	Protection machines/ parts	Aft. winches Stbd.: gear protection cover missing.	17

6	01218	Medical certificate	Medical Certificates missing.	17
7	10127	Voyage or passage plan	Voyage plan not berth to berth.	17
8	07199	Other (fire safety)	Forecastle: P-side bilge well is full of hydraulic oil. RISK of FIRE.	17
9	11129	Operational readiness of lifesaving appliances	During lifeboat drill it was revealed that starboard lifeboat`s hooks are unable to work in on-load mode (foreword hook wasn`t released). In off-load mode hooks also cannot be released remotely (foreword hook was releases manually – with use of hammer)	17
10	11131	On board training and instructions	During the lifeboat drill the crew presented lack of training in maneuvering and recovery operations of the lifeboat (which is also rescue boat)	30
11	14611	Ozone depleting substances	PSCO comments – Record Book of Ozone depleting substances-missing. Surveyor comments – Record Book of Ozone depleting substances is incorporated in Panamanian Oil Record Book Format as Part III. C/E instructed for entries.	30
12	15150	ISM	Safety management audit by the Administration is required before departure of the ship. Deficiencies marked ISM are objective evidence of a serious failures, or lack of effectiveness, of implementation of	17
13	11134	Operation of Life Saving Appliances	The master wasn`t aware of the fact that lifeboats are fitted with on – load release mechanism.	30
14	18324	Cold room, cold room cleanliness, cold room temperature	Temperature in meat cold room noted during inspection was just (- 7) degrees Celsius. Cold rooms not hygienic and dirty; food kept directly on the floor.	17
15	18418	Winches and capstans	Fairlead`s rollers heavily corroded – 2 aft and 3 foreword.	17
16	07103	Division – decks, bulkheads and penetrations	The forecastle – bulkhead on port side penetrated by a pipe which hasn`t been properly welded/sealed.	17
17	05105	MF/HF radio installation	Radio telex screen not readable.	17
18	01218	Medical certificate	Medical Certificate expired.	17

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12	RUS	Novorossiysk	1	01199	Other (certificates)	LRIT scan copy on board.	50
			2	11101	Lifeboats	Lifeboat exhaust pipe flaps missed, poor maintenance.	17
			3	08110	Closing water-tight doors alarm	NAVTEX printer to be advised.	17
			4	11117	Lifebuoys incl. provision and disposition	One MOB with pusty liquid inside.	17
			5	10109	Lights, shapes, sound-signals	Navigation light foundation through corroded.	17
			6	11101	Lifeboats	Lifeboat davits some parts through corroded.	17
			7	11108	Inflatable liferafts	Liferaft foundation deformed.	17
			8	18416	Ropes and wires	Some of mooring ropes poor.	17
			9	15109	Maintenance of the ship and equipment	El. Boxes stern door damaged.	17
			10	10109	Lights, shapes, sound-signals	Towing light out of requirement.	17
			11	07103	Division – decks, bulkheads and penetrations	Outside fire line partly heavy corroded.	17
			12	10109	Lights, shapes, sound-signals	Ballast TK pipe (vent) heads temporary repaired.	17
			13	03104	Cargo and other hatchways	Hyd. Cylinder of cargo hold cover pipe leak.	17
			14	09229	Winches and capstans	Deck near anchor devices (platform) through corroded.	17
			15	07113	Fire pumps and its pipes	ER pipe leak (near ECR)	17
			16	07113	Fire pumps and its pipes	Fuel oil pipe booster pump (insulation) heavy oily.	17
			17	13109	Manuals, instructions, etc.	Purifier dirty.	17
			18	07117	Jacketed high pressure lines	ME MPP leak.	17
			19	09103	Ventilation (Accommodation)	DG cooler leak.	17
			20	09108	Lighting (Accommodations)	Light`s cover in ER.	17

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13	SGP	Singapore	1	11116	Distress flares	Two smoke signals were expired since March 2015 at ship`s navigational bridge.	17
			2	10117	Echo-sounding device	No printing paper was provided for echo sounder usage onboard	17
			3	01310	Signs and indications	Quantity of LSA was not indicated in the vicinity of their stowage on the bridge	16
			4	06199	Other (cargo)	No.1 and No.2 cargo tank (P/S) discharge valves were in a deteriorated condition.	16
			5	03105	Covers (hatchway-, portable-, tarpaulins, etc.)	Bob hatch cover for steering flat at aft station was seized and unable to shut fully.	17
			6	03199	Other (load lines)	Modified sounding pipe fitted on board for main engine lub oil sump tank (double bottom) (i.e. Side opening of 1cm x 1cm was sighted on the sounding pipe)	30
			7	02124	Cargo pump room	Gas detector system display showed sensor failure during the operational test of pump room	17

			8	10105	Magnetic compass	Air bubble was sighted in ship's magnetic compass on the bridge	17
			9	01315	Oil record book	Weekly retention of sludge tank (bilge separator oil tank) was not recorded in the oil record book as	99
			10	11199	Other (life saving)	Existing total number of ship's crews (13) exceeded capacity of LSA in Cargo Ship Safety Equipment Certificates of 12 persons	17
			11	14499	Other (MARPOL Annex IV)	Existing total number of ship's crew (13) exceeded capacity of International Sewage Pollution Prevention Certificate for 10 persons	17
			12	01101	Cargo Ship Safety Equipment (including Exemption)	"No exemption was issued" was indicated in the Cargo Ship Safety Equipment Certificate while exemption certificate on rescue boat was sighted on board.	17
			13	01101	Cargo Ship Safety Equipment (including Exemption)	Vessel keel laid on 6 July 1985, exemption on the following equipment was not available onboard as required by SOLAS for vessel built on or after 01st September 1984. - Long Rang Identification and Tracking (LRIT) system - Speed and distance measure	30
			14	15109	Maintenance of the ship and equipment	Company safety management system (SMS) was not effective to ensure shipboard critical equipment were maintained in a good condition as deficiencies found on No.1-2, 4-5 and 6-8.	18

CASE	PSC	PORT	NUMBER	Def. Code	Item	Nature of deficiency	Act. Code
14	SGP	Singapore	1	01220	Seafarer' employment agreement SEA	At time of inspection, it was found that the seafarers' employment agreement (S.E.A.) for Capt expired on 07 Jun 2015.	17
			2	10127	Voyage or passage plan	The ship's passage plan made for the vessel's voyage performed did not address the elements as per SOLAS 74/Chapter V/Reg.34	17
			3	02114	Bulkheads - corrosion	The ship's wheelhouse bulkheads (aft, port side near the emergency light) was found holed	17
			4	02117	Decks - corrosion	The ship's monkey island floors were covered with waterproof matting and few places were patched with tapes. This was for the purpose of preventing water seepage as per ship's personnel statement.	17
			5	07115	Fire-dampers	The ship's engine room ventilation trunk (inside the ship's funnel) fire damper (stbd) was stuck and unable to be closed during the operational test and the fire damper (port) was found heavily wasted and holed, and the port side ventilation trunk was found holed at few locations.	30
			6	11101	Lifeboats	The ship's port side lifeboat engine was unable to perform ahead and astern engine movements i.e. engine throttle lever was stuck and unable to push forward, the propeller did not react while pushing engine throttle lever to aft and the propeller still turning while engine throttle lever at neutral position.	30
			7	18421	Guards- fencing around dangerous machinery	The ship's air conditioner compressor's flywheel was not provided with any guard plate	17
			8	09107	Drainage	Several water drainage scuppers on the accommodation staircase were found clogged	17
			9	03199	Other (load lines)	The sounding pipes on ship's main deck were not provided with appropriate size of capping device.	17
			10	09113	Access / Structure	Several checker platform on ship's main deck, the gratings were found damaged.	17
			11	11102	Lifeboat inventory	Stbd side lifeboat's search light was found out of working order.	17
			12	11129	Operational readiness of lifesaving appliances	01 set of portable V.H.F. on ship's bridge was found battery flat	17
			13	08109	Boiler-alarm	The ship's boiler's flame failure audible alarm was unable to sound during the operation test	17
			14	02120	Marking of IMO number	The ship's IMO number was not permanently marked on one of the end transverse bulkheads of the ship's machinery spaces, currently a plastic board with IMO number hanging on the railing instead	17
			15	15109	Maintenance of the ship and equipment	With reference to deficiencies No.05 and 06, it was found that the shipboard safety management system in terms of emergency preparedness and the maintenance of the ship and equipment was not implemented onboard the ship effectively.	18
			16	09106	Sanitary facilities	The shipboard's sanitary flushing system was found out of working order	99

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15	TUR	Antalya	1	04102	Emergency Fire Pump and its pipes	No any pressure at emergency fire pump.	30
			2	04103	Emergency lighting, batteries and switches	Emergency lights in various locations are inoperative e.g. lifeboat deck port side, F.O.F. station, forward liferaft area etc.	30
			3	07108	Readily availability of fire fighting equipment	All breathing apparatus set air bottles are half and not have enough pressure. B/A sets are not ready for emergency using.	30
			4	18410	Gas instruments	Gas measuring device for CH4/CO/O2 not properly tested.	17
			5	07124	Maintenance of Fire Protection Systems	B/A cylinders and some of fixed CO2 system cylinders last hydrostatic press. Test certificate overdue.	17
			6	18103	Medical fitness	Two A/B's medical fitness certificates are expired.	17

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16	TWN	Kaohsiung	1	10109	Lights, shapes, sound-signals	Lampshade of some lights isn't replaced in E/R	17
			2	07199	Other (fire safety)	Check card of extinguisher isn't updated.	17
			3	14119	Oil and oily mixtures from machinery spaces	Bilge well is remained too much oil & water.	17
			4	07199	Other (fire safety)	Lights of Escape trunk isn't replaced.	17
			5	14119	Oil and oily mixtures from machinery spaces	Coaming of fuel purifier is placed too much rags & remained too much oil.	17
			6	13102	Auxiliary engine	Seal of bilge ballast pump is leakage.	17
			7	14199	Other (MARPOL Annex I)	Sounding table missing "IOPP" provided with oil residue tank (F.O. sludge tank & L.O. sludge tank) for O.R.B. used.	17
			8	14119	Oil and oily mixtures from machinery spaces	Coaming of Boiler drain hole is block & water leakage.	17
			9	14119	Oil and oily mixtures from machinery spaces	Bottom of E/R is remain too much water.	17
			10	09299	Other (mooring)	Some patch & space of E/R is heap up too much debris.	17
			11	09209	Electrical	Insulation value of 440V & 110V is too low in E/R.	30
			12	09218	Protection machines/parts	Some steam pipe cotton insulation out of order.	17
			13	09217	Warning notices	Ho posting warning signs in all ship.	17
			14	09208	Protection machinery	Gas detection no cert.	17
			15	01314	Shipboard oil pollution emergency plan (SOPEP)	SOPEP no update & drill.	17
			16	07105	Fire doors/openings in fire-resisting divisions	Fire door had condition (all ship).	17
			17	09218	Protection machines/parts	VEG. & meet hand & safety device malfunction.	17
			18	08109	Boiler-alarm	Safety valve of boiler out of order.	17
			19	14101	Control of discharge of oil	Solenoid valve for control of discharge OWS malfunction.	30
			20	11119	Immersion suits	Lifejacket name & immersion suit light out of order.	17
			21	07106	Fire detection	Fire detection out of order in E/R & mess.	30
			22	14199	Other (MARPOL Annex I)	Sounding table missing "IOPP" provided with oil residue tank.	17
			23	15199	Other (ISM)	Fire detectors without IMO symbols or just by drawing.	17
			24	09223	Gangway, accommodation-ladder	Safety net not complete, pin of platform is loosen & rod bended on gangway.	17
			25	11101	Lifeboats	Limit switch of lifeboat davit can not moved.	17
			26	11101	Lifeboats	Route to lifeboat obstructed by long bench.	17
			27	11124	Embarkation arrangements survival craft	Shackles & connection ring with embarkation ladder is rusted.	17
			28	11117	Lifebuoys incl. provision and disposition	Grab line securing point is broken & surface point dropped, retro-reflective taps is broken on lifebuoy.	17
			29	10105	Magnetic compass	Steering Gear Room compass is missing.	17
			30	07110	Fire fighting equipment and appliances	Spanners are missing in fire hose box.	17
			31	11199	Other (life saving)	Ship's name is not clearly painted on every lifejackets.	17
			32	10116	Nautical publications	Latest version of SOLAS (2014) is not found.	17
			33	10199	Other (navigation)	Air bubbles are found in magnetic compass.	17
			34	01324	Material safety data sheets	MSDS & personal protection equipment can not found.	17
			35	07106	Fire detection	Sound & light alarm malfunction in E/R.	17
			36	10105	Magnetic compass	Magnetic compass of steering gear room blurry.	15

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17	USA	New Orleans, Louisiana	1	14104	Oil filtering equipment	Engineering crew could not recall history of prior discharges utilizing O.C.M.	50
			2	10129	Navigation records	Official logbook is not updated.	17
			3	01314	Shipboard oil pollution emergency plan (SOPEP)	SOPEP manual. Port contacts list not updated	17
			4	15105	Resources and personnel	Resources and personnel: 2/E job contract not available and complete eleven months. 2/O and Oiler job contracts expired - extension isn't available - they continued more than 13 months on board.	18
			5	01308	Records of rest	2nd and 3rd officer's records are not according drill schedule and records.	16
			6	16101	Ship security defects	ISP security related deficiency of battery room as restricted area is not locked.	13

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18	USA	Philadelphia, PA USA	1	15107	Emergency preparedness	The vessel's crew has not performed an Enclosed Space Rescue Drill since March 2015. This drill is required to be performed every two months in accordance with SOLAS and Safety Management System.	15ac
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19	USA	New Orleans	1	14108	15 PPM alarm arrangements	Engineering Department was unaware that Oil Content Meter recorded the start and stop time of Oily Water Separator and did not know how to recall information from Oil Content Meter memory.	16a
			2	09298	Other (accident prevention)	Vessel crew was unable to provide bunker line test records. Provide hydraulic test record to 1.5 max working pressure prior to bunkering in US.	c
			3	15101	Safety and environmental policy	Vessel master and senior crew on board could not produce Record of routine visual inspections. PSCO instructed the master and crew that they must obtain and read the EPA Vessel General Permit (VGP)	10c

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20	USA	New Orleans, Louisiana	1	07101	Fire prevention structural integrity	A painted block of wood was in the quick closing valve for the HFO storage tank.	30
			2	15109	Maintenance of the ship and equipment	The painted block of wood was placed in quick closing valve by engineering crew for testing, the last inspection being 30 May 2015. The block of wood was present in the valve for a minimum of 14 days. A non-conformity report in accordance with SMS procedure.	b

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21	USA	New Orleans, Louisiana	1	15199	Other (ISM)	Deck Officers unfamiliar with publications. Publications on bridge were not readily made available by deck officers.	-

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22	USA	Richmond - SF Bay	1	15101	Safety and environmental policy	Vessel currently has a bio fouling plan that is not specific to the vessel.	10

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23	ZAF	Cape Town	1	11112	Launching arrangements for survival craft	Fwd. painters of lifeboats not secured as per LSA Code.	17
			2	07115	Fire-dampers	Engine room fire dampers not fully operational.	17
			3	02116	Bulkheads - cracking	Corrosion on aft bulkhead of no. 1 masthouse under fishplate.	17
			4	07199	Other (fire safety)	Ship Staff not fully aware of emergency fire pump operation.	17
			5	14119	Oil and oily mixtures from machinery spaces	Fixed MARPOL I equipment and pipework not operational as per IOPP Certificate and Supplement Form	30
			6	09219	Pipes, wires (insulation)	Various steam leaks at valves & flanges on steam pipework.	18
			7	13199	Other (machinery)	Boiler automation for feed water system not operational.	17