



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

नौवहन महानिदेशालय / DIRECTORATE GENERAL OF SHIPPING

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PSC/FSI Inspection Report for May 2018

A. PORT STATE INSPECTIONS OF FOREIGN FLAG VESSELS IN INDIA

- There were 49 port state inspections in May 18 compared to 37 in April. The maximum number of inspections, that is, 16 constituting about 33% of total inspections were conducted by Kochi district followed by 14 inspections, that is, about 29% of total inspections were conducted by Kolkata district.
- There were two detentions in May. The performance trends between January-May 2018 indicate varying performances with an average monthly deficiency index between 3.5 and 4.5 and an average nil-deficiency index between 0.15 and 0.25. There was a total of five detentions till end May 2018.
- Bulk Carriers constituted about 47% of different ship types inspected in May 2018. The highest average deficiency index of 5.16 was registered by 6 numbers container vessels inspected.
- The only two vessels detained in May 2018 were NK Class and with 24 inspections, it constituted a detention rate of 8.3%. The highest deficiency index of 12 was registered by 1 vessel with Vietnam Register as RO. The only vessel with RINA as RO registered nil deficiency index.
- The major areas where maximum number of deficiencies were registered are Propulsion & Auxiliary Machinery, working conditions of seafarers, Fire Safety measure with about 10.3%, 23.4% and 11.2% of total deficiencies respectively. The working conditions of seafarers are continuing to register more than 20% of total deficiencies month after month.
- Detained Vessels

Name of Vessel	IMO No.	Age/Type	GT	RO/Flag
Hekmeh	8901597	27/Bulk Carrier	9815	NK/Vanatau
Noble Breeze	9126871	21/Container	10743	NK/Saint Vincent

B. Flag State Inspections of Indian Flag Vessels

- a) There were 35 Flag state inspections in May 18 compared to 40 in April 18. The maximum number of inspections, that is, 14 constituting about 40% of total inspections were conducted by Mumbai district followed by 20% each, that is 7 each by Kolkata, Kochi and Chennai districts.
- b) The monthly performance trends of ships inspected between January-May 2018 indicates that average monthly deficiency index is between 5.7 to 8.7 and after nil detentions in first three months of 2018, one detention each was registered in April and May. With average nil-deficiency index of nearly zero in nearly all the months, it is noted that all inspected vessels registered deficiencies in spite of FSI being conducted between 1-3 months after last Annual surveys.
- c) **Performance based on type:** The highest average deficiency index of 12 was registered by 1 container vessel inspected in May while the least average deficiency index of 1.3 was registered by 3 numbers oil tankers inspected in May 2018. The only vessel detained in May was categorized as other cargo vessel.
- d) **Performance based on age:** Vessels more than 25 years of age registered the highest average deficiency index of 9.4 and also the only detention.
- e) **Performance based on size:** The highest average deficiency index of 6.8 was registered by 10 numbers vessels less than 500gt inspected while the minimum average deficiency index of 4.73 was registered by 15 numbers vessels more than 3000gt inspected in May. However, the only detention was that of vessel between 500-3000gt.
- f) **Recognized Organizations:** The only vessel detained in May was IRS Class. The maximum deficiency index of 2.3 was registered by 3 number IRS-DNV-GL(AS0 vessels inspected in May.
- g) **Owners/Managers:** The only vessel detained in May is managed by Albatross Marine Services. This detained vessel along with vessels managed by Tag Offshore and Amba Shipping and Logistics recorded the highest average deficiency index of 11 each.
- h) The top three areas of deficiencies are a) Working conditions of Seafarers, b) Fire Safety, c) Life-Saving Appliances and d) Safety of Navigation constituting 16.5%, 10.5% and 8.5% of total deficiencies respectively.
- i) **Detained Vessel**

Name of Vessel	IMO No.	Age/Type	GT	RO/Class
ALBATROSS 01	8308458	34/Other Cargo Vessel	1310	IRS
Date of detention	Last Survey	Detainable Deficiencies/Deficiencies		
28.05.2018	02.02.2018	No CE on board; Gyro Compass non-operational; Non-operational accommodation fire detection system; Oil in Engine Room Bilges.		

Corrective and Preventing Action: The FSI was requested more than 3 months after the last Annual surveys and further the nature of deficiencies recorded during the inspection indicated serious issues related to maintenance of Safety and Pollution prevention equipment's. Accordingly, competent authority has imposed an additional DOC of the company and an additional SMC Audit of the vessel.

C. Port State Inspection of Indian Flag Vessels abroad

- a) There was a total of 15 Indian Flag vessels inspected in May 2018 in 6 regional MOU/ PSC regimes.
- b) In May 18, there was no detention, an average deficiency per ship of 2.26 and 33% of the ships inspected passed the inspection without any deficiencies.
- c) Among all the PSC regime, the highest average deficiency index of 4 was recorded on 3 ships inspected in PARIS MOU and one ship each inspected in Black Sea and Riyadh MOU recorded nil-deficiencies.
- d) The highest average deficiency index was registered by 3.5 was recorded by 3 oil tankers inspected in May. Based on age and type 1 number oil tanker above 15 years of age recorded the highest deficiency index of 10.
- e) **Performance of Shipping Companies:** The highest deficiency index of 4 was recorded by one ship managed by Seavie Private Limited.
- f) **Recognized Organizations:** IRS-ABS vessels with 3 inspections and an average maximum deficiency index of 3.33 recorded highest average deficiency index.
- g) **Areas with highest deficiencies:** Fire Safety Measures(32.3%) and Emergency Systems (14.7%).

Graphical Representation of Port State Inspection of Foreign Ships in India

A. Port State Inspection of Foreign Ships in India

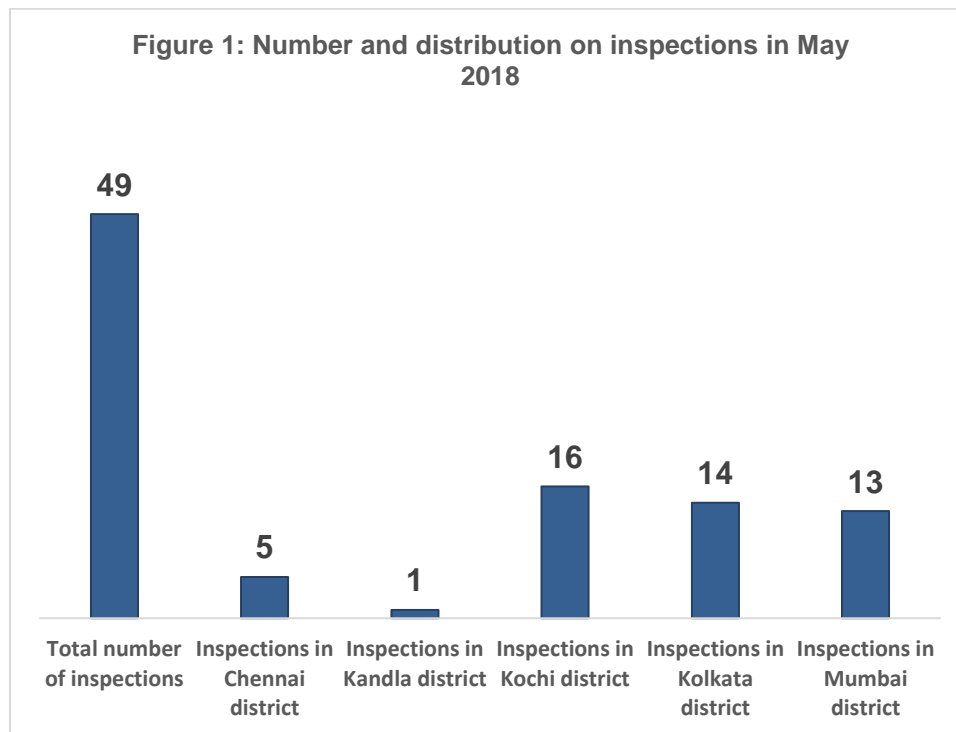


Figure 2: Trends in performance parameters: January - May 2018

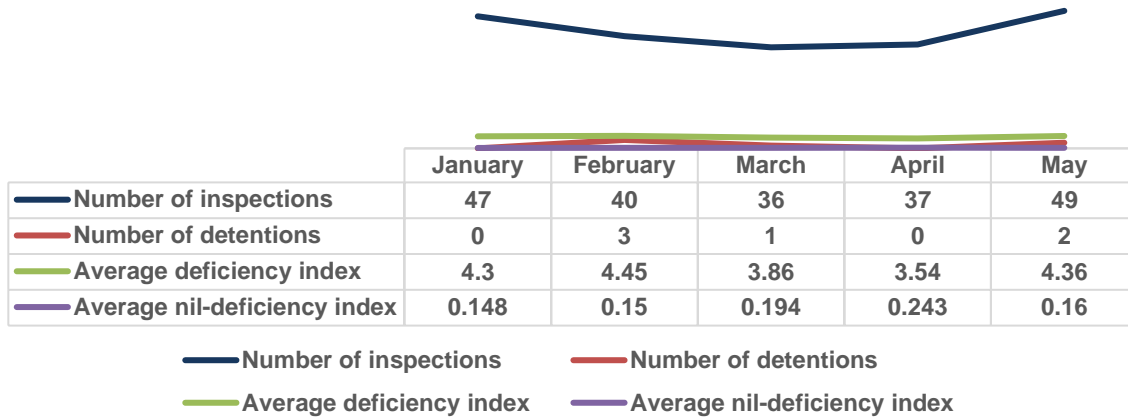


Table 1: Performance parameters ship type

Type of Vessel	Number of Inspections	Number of detentions	Deficiency Ratio	Nil-deficiency Ratio
All Vessels	49	2	4.36	0.16
Bulk Carrier	23	1	4.39	0.174
Chemical Tanker	9	0	2.56	0.33
Container Vessels	7	1	6.85	0
RO-RO Cargo Ships	1	0	4	0
General Cargo/OCV	9	0	4.22	0.11

Table 2: Performance of Recognized Organizations

Name of RO	Number of inspections	Number of detentions	Deficiency Ratio	Nil-deficiency ratio
All Vessels	49	2	4.36	0.16
ABS	4	0	2.5	0.25
BV	3	0	4	0
CCS	1	0	3	0
DNV/GL/DNV-GL(AS)	8	0	3.87	0.125
KRS	2	0	2.5	0
LR	4	0	3.75	0.25
NK	24	2	5.08	0.16
RINA	1	0	0	1
RMRS	1	0	4	0
VR	1	0	12	0

Table 3: Deficiencies Break-up

Code	Type	Number (%age)	Typical deficiencies
011	Certificates & Documentation- Ship Certificates	3(1.4%)	MSMD, ISM-DOC; CSR
013	Certificates & Documentation- Documents	18(8.4%)	Oil Record Book; Material Safety Data Sheets; Cargo Gear Record Book.
021	Structural Conditions	6(2.8%)	Hull and Deck Corrosion; Ballast, Fuel and other tanks
031	Water/Weathertight Conditions	10(4.7%)	Ventilators, airpipes, casings; Machinery Space Openings
041	Emergency Systems	5(2.3%)	Emergency Generator; Functionality of Safety Systems; Emergency Fire Pump and its pipes.
051	Radio Communications	2(0.9%)	VHF Radio installation.
061		1(0.46%)	Cargo Operations
071	Fire Safety	24(11.2%)	Fire detection and alarm system; Fire dampers; Fire equipment's and appliances; Ready availability of firefighting equipment's.
081	Alarms	3(1.4%)	Fire alarms.
091	Working and Living Conditions- Living Conditions	12(5.6%)	Cleanliness; Medical Equipment; Sanitary Facilities; Ventilation
092	Working and Living Conditions- Working Conditions	50(23.4%)	Loading and Unloading Equipment's; Safe means of access-Ship/shore; Ventilation of working spaces; Gas instruments; Cleanliness of Engine Room
101	Safety of Navigation	12(5.6%)	Lights, Shapes & Sound Signals; Nautical Publications; Gyro Compass; VDR-SVDR
111	Life Saving Appliances	15(7%)	Life Boats; Operational readiness of life-saving appliances;
131	Propulsion and Auxiliary Machinery	22(10.3%)	Auxiliary Engine; Bilge Pumping arrangements; Gauges, Thermometers etc.,
141	Pollution Prevention: MARPOL Annex I	12(5.6%)	Retention of oil on board; Oil and oily mixture from Engine Room.
144	MARPOL Annex IV	8(3.7%)	Sewage Treatment Plant
145	MARPOL Annex V	7(3.3%)	Garbage Collection
151	ISM	1(0.46%)	Reports of Non-conformities, accidents and hazardous situations.
161	ISPS	2(0.9%)	
183	MLC 2006	1(0.46%)	Heating, Air Condition and Ventilation

B. Flag State Inspections

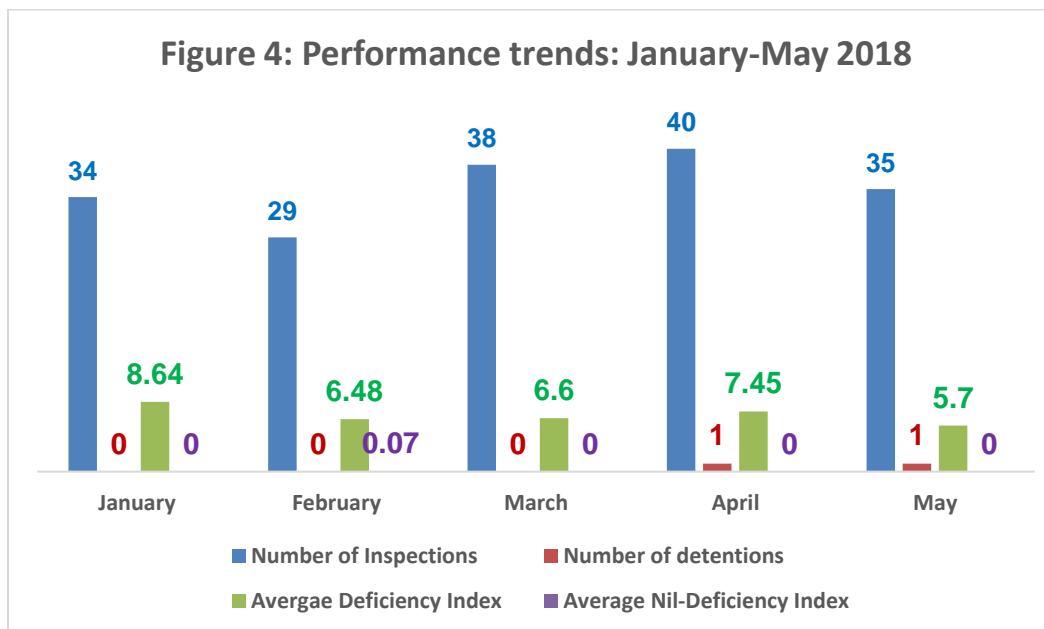
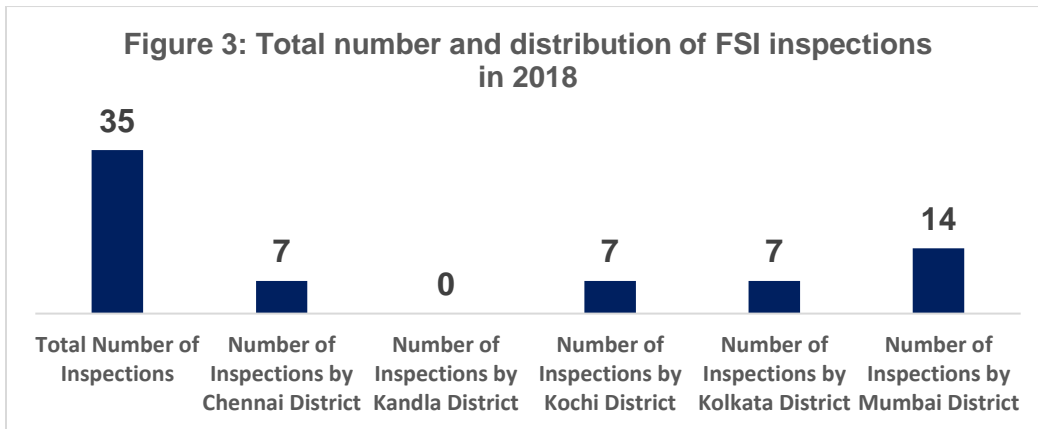


Table 4: Performance of vessels based on ship type

Type of vessel	Number of inspections	Number of detentions	Deficiency Ratio	Nil-Deficiency Ratio
All Vessels	35	1	5.7	0
Bulk Carrier	4	0	5.25	0
General Cargo/Multi-purpose Ship/OCV	13	1	6.15	0
Off-shore vessels	2	0	4	0
Oil Tankers	3	0	1.3	0
Container	1	0	12	0
Passenger Ship	1	0	10	0
Special Purpose Ships	1	0	2	0
Tug Boat	10	0	6.3	0

Table 4A: Performance Parameters based upon ship type and age

Ship Type	0-5 Years				5-15 Years			
	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio	No. of insps.	No. of detns.	Def. ratio	Nil def ratio
All Vessels	0	0	0	0	22	0	5.36	0
Bulk Carrier	NA	NA	NA	NA	2	0	7	0
OCV/General Cargo/Multi-Purpose	NA	NA	NA	NA	6	0	5	0
Off shore service vessels	NA	NA	NA	NA	2	0	4	0
Oil Tankers	NA	NA	NA	NA	3	0	1.3	0
Container Vessels	NA	NA	NA	NA	1	0	12	0
Passenger Vessels	NA	NA	NA	NA	1	0	10	0
Special Purpose Ships	NA	NA	NA	NA	1	0	2	0
Tug Boats	NA	NA	NA	NA	6	0	6.3	0

Table 4B: Performance Parameters based upon ship type and age

Ship Type	15-25 Years				>25 Years			
	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio	No. of insps.	No. of detns.	Def. ratio	Nil def ratio
All Vessels	8	0	4.37	0	5	1	9.4	0
Bulk Carrier	2	0	3.5	0	NA	NA	NA	NA
General Cargo/Multi-Purpose Vessels/OCV	3	0	3.6	0	4	1	9.75	0
Off shore service vessels	NA	NA	NA	NA	NA	NA	NA	NA
Oil Tankers	NA	NA	NA	NA	NA	NA	NA	NA
Container Vessels	NA	NA	NA	NA	NA	NA	NA	NA
Passenger Vessels	NA	NA	NA	NA	NA	NA	NA	NA
Tug Boats	3	0	5.66	0	1	0	8	0
Gas Carrier	NA	NA	NA	NA	NA	NA	NA	NA

Table 5A: Performance of vessels: Based on ship type and size				
Vessels < 500GT	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio
All Vessels inspected < 500GT	10	0	6.8	0
Other Cargo Vessel	1	0	10	0
Tug Boats	9	0	6.44	0

Table 5B: Performance of vessels: Based on ship type and size				
Vessels >= 500GT & < 3000gt	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio
All Vessels inspected >=500GT & < 3000GT	10	1	6.1	0
General Cargo/Multi-Purpose Vessels/OCV	7	1	6.85	0
Off-shore Service Vessels	2	0	4	0
Tug Boats	1	0	5	0

Table 5C: Performance of vessels: Based on ship type and size				
Vessels >= 3000gt	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio
All Vessels inspected >= 3000GT	15	0	4.73	0
Bulk Carrier	4	0	5.25	0
Container	1	0	12	0
Passenger Ships	1	0	10	0
General Cargo/Multi-purpose Vessels/OCV	5	0	4.4	0
Oil Tanker	3	0	1.33	0
Special Purpose Ships	1	0	2	0

Recognized Organization/s	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
All Vessels	35	1	5.7	0
IRS/ABS	3	0	4	0
IRS/DNV GL(AS)	3	0	2.3	0
IRS/LR	2	0	2.5	0
IRS	27	1	6.5	0

Name of Company	Number of Inspections	Number of Detentions	Deficiency Ratio	Nil-Deficiency Ratio
Adani Hazira Port Private Ltd,				
Adani Harbour Services Pvt. LTD.	2	0	3.5	0
ADEL Shipping and Logistics				
AMBA Shipping & Logistics Ltd.	1	0	11	0
Ambuja Cements Ltd.	1	0	3	0
Apeejay Shipping Ltd.	2	0	5	0
Albatross Marine Services	1	1	11	0
Arkay Logistics Limited				
Bernhard Schulte Shipping India Ltd.				
Chandra Ship Management Pvt. Ltd.				
Dawn Shipping Private Ltd.				
Dolphin Offshore				
Dredging Corporation of India Ltd.	2	0	4	0
ESSAR Shipping Ltd.				
Fleet Management India Pvt. Ltd.	1	0	7	0
Great Offshore India Pvt. Ltd.				
Hind Offshore Private Ltd.				
Hoger Off-shore & Marine Pvt. Ltd.				
Imperial Classic Shipping	1	0	5	0
ITT Shipping Pvt. Ltd.				

Lakshadweep Development Corporation	1	0	3	0
Mercator Ltd.				
Ocean Sparkle Ltd.	3	0	4.66	0
Offshore International Logistics Ltd.	1	0	9	0
ONGC				
Orion Maritime Pvt. Ltd.				
Penta Crystal Ship Management Ltd.	1	0	4	0
Reliance Industries Ltd.				
Sanmar Shipping Ltd.				
SAMSON Maritime Ltd.	3	0	3.66	0
SCI Ltd.	6	0	6.83	0
Sea Sparkle Harbour Services Pvt. Ltd.				
Seven Island Shipping Ltd.				
Svitzer Hazira Ltd.				
SVS Marine Services Pvt. Ltd.	1	0	6	0
Sushe Marine Services Pvt. Ltd.	1	0	13	0
Synergy Oceanic Services Pvt. Ltd.				
Tag Offshore Ltd.	2	0	11	0
TCI Seaways Ltd.				
GESCO	3	0	1.33	0
Tolani Shipping Ltd.				
TW Ship Mangement Pvt. Ltd.	2	0	8	0
Van Oord India Pvt. Ltd.				

Table7A: Types of Deficiencies

Code	Type	Number (%age)	Typical deficiencies
101	Safety of Navigation	17(8.5%)	Lights, Shapes & Sound Signals;Charts; Magnetic Compass; Gyro Compass
111	Life Saving Appliances	21(10.5%)	Rescue Boats; Rigid Life-rafts; Emergency 2-Way equipment's for communication; Lifebuoys including
131	Propulsion & Aux. M/C	12(6%)	Operation of Machinery; Auxiliary Engine; Gauges, Thermometers etc.
141	MARPOL Annex I	3(1.5%)	Oil and Oily Mixtures from Machinery Spaces; Pumping, Piping and discharge arrangements.
144	MARPOL Annex IV	1(0.5%)	Sewage Treatment Plant
145	MARPOL Annex V	6(3%)	
151	ISM	8(4%)	Resources & Personnel; Emergency Preparedness; Company Responsibility & Authority;
161	ISPS	3(1.5%)	
171	Other Safety in General	4(2%)	
011	Certificates & Documentation-Ship Certificates	8(4%)	EIAPP Certificates; MSMD
012	Certificates & Documentation-Crew Certificates	2(1%)	
013	Certificates & Documentation-Documentation	12(6%)	Rest Hour Records; Oil Record Book; Conformance Test Report; Garbage Record Book.
021	Structural Conditions	7(3.5%)	Hull Corrosion; Beams, Floors, Frames Corrosion.
031	Water/Weathertight Conditions	15(7.5%)	Ventilators, Pipes & Casing; Bulwark and Freeing Ports; Railings, Walkways, Gangways and means for safe passage; Windows, Side scuttles and Deadlights; Machinery Space Openings
041	Emergency Systems	7(3.5%)	Emergency Lighting-Batteries & Switches; Emergency Sources of Power-Emergency Generator; Emergency Steering Position-Compass reading; Emergency Fire Pump and its pipes.
051	Radio Communications	4(2%)	Radio log.
061	Cargo Operations	1(0.5%)	
071	Fire Safety	21(10.5%)	Fire Detection and Alarm System; Fire Pumps and its pipes; Evaluation of Crew Performance;
081	Alarms	2(1%)	
091	Working & Living Conditions: Living Conditions	13(6.5%)	Dirty, Parasites; Furnishings; Sanitary Facilities; Records of inspection; Medical Equipment's;
092	Working & Living Conditions: Working Conditions	33(16.5%)	Anchoring Devices; Winches and Capstan; Personnel Equipment's; Gangway-Accommodation Ladder; Cleanliness of ER; Electrical

C. Port State Inspections of Indian Flag Vessels

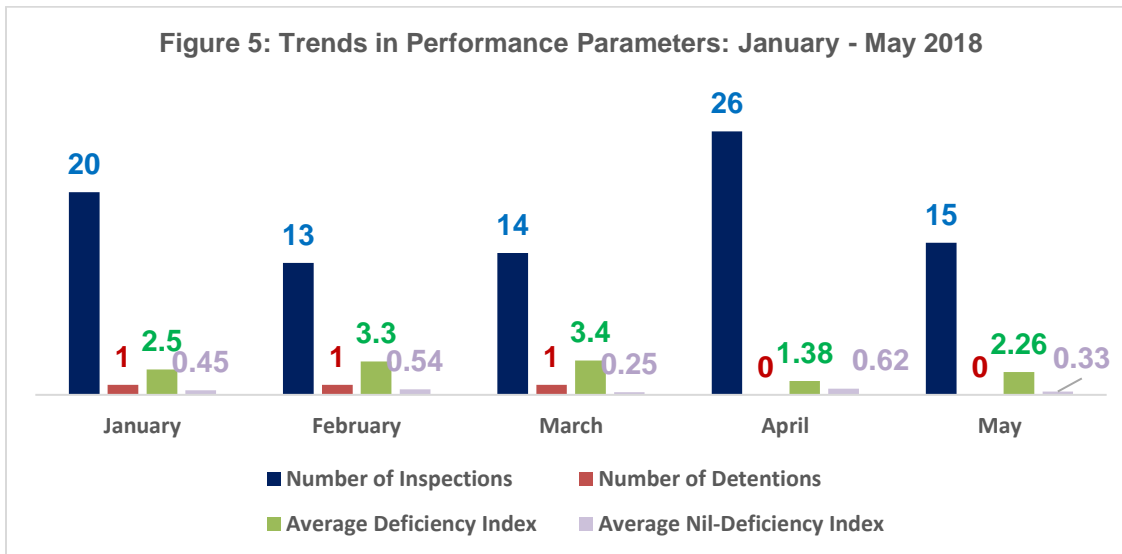


Table 8: Performance under various PSC regimes

Regional MOU/PSC Regime	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
Black Sea	1	0	0	1
IOMOU	2	0	2	0
Paris	3	0	4	0.33
Riyadh	1	0	0	1
Tokyo	5	0	2.4	0.40
USCG	3	0	3	0

Table 9: Performance based upon ship type and age

Type of Vessel	Number of Inspections	Number of detentions	Deficiency Index	Nil Deficiency Index
Bulk Carrier	8	0	2.25	0.25
0-5 Years	1	0	0	1
5-15 Years	3	0	2.0	0
➤ 15 Years	4	0	3	0.25
Container	1	0	0	1
➤ 15 Years	1	0	0	1
General Cargo/OCV	2	0	1	0.5
5-15 Years	1	0	2	0
>15 Years	1	0	0	1
Oil Tanker	4	0	3.5	0.25
5-15 Years	3	0	1.33	0.33
>= 15 Years	1	0	10	0

Table 10: Performance of Indian Ship Operators

Name of Company	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
Five Star Shipping Co. Ltd.	1	0	0	1
	Paris: 1			
Sai Maritime & Management Pvt. Ltd.	1	0	0	1
	Riyadh:1			
GESCO Ltd.	8	0	2.875	0.25
	Black Sea:1; IOMOU:2; Paris:2; Tokyo:3;			
Shipping Corporation of India Ltd.	1	0	1	0
	USCG:1			
Seavie Private Ltd.	1	0	4	0
	USCG:1			
Synergy Oceanic Services Pvt. Ltd.	2	0	0	1
	Riyadh:2			
Tolani Shipping Co. Ltd.	2	0	2.5	0
	Tokyo:1; USCG:1			
TW Ship Management Ltd	1	0	0	1
	Tokyo:1			

Table 11: Performance of Recognized Organizations

Recognized Organization	Number of inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
IRS/ABS	3	0	3.33	0.66
	PARIS:2; Black Sea:1			
IRS/BV	1	0	0	1
	Riyadh:1			
IRS/DNV-GL(AS)	3	0	2.33	0.33
	Tokyo:3			
IRS/LR	5	0	2.6	0
	USCG:3; TOKYO:1; IOMOU:1			
IRS	3	0	1.33	0.33
	TOKYO:1; IOMOU:1; PARIS:1			

Table 12: Break up of deficiencies

Code	Type	Number (%age of total)	Typical deficiencies
021	Structural Conditions	2(5.9%)	
031	Water/Weathertight Conditions	1(2.9%)	Cargo Ports and other similar openings.
041	Emergency Systems	5(14.7%)	Emergency Steering Position/Compass reading; Emergency Lighting, batteries and Switches; Emergency Source of Power- Emergency Generator
071	Fire Safety	11(32.3%)	Fire doors/openings in fire resisting divisions; Ready availability of firefighting equipment's;
101	Safety of Navigation	3(8.8%)	AIS, Revolution Counter; ECDIS
111	Life-Saving Appliances	4(11.8%)	Lifebuoy's disposition including provisions; Inflatable life-rafts
131	Propulsion and Auxiliary Machinery	3(8.8%)	Gauges, Thermometers etc.
151	ISM	1(2.9%)	
161	ISPS	3(8.8%)	
171	Other	1(2.9%)	

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