



भारत सरकार / GOVERNMENT OF INDIA

पोत परिवहन मंत्रालय / MINISTRY OF SHIPPING

नौवहन महानिदेशालय / DIRECTORATE GENERAL OF SHIPPING

टेलीफोन: 91-22-25752040/1/2/3/5

“बिटा बिल्डिंग”, 9 वी मंजिल / “BETA BUILDING”, 9<sup>th</sup> FLOOR

Tele: 91-22-25752040/1/2/3/5

फैक्स: 25752029/35

आय-थिंक टेक्नो कॅम्पस / I-THINK TECHNO CAMPUS

Fax: 25752029/35

ई-मेल: [dgship-dgs@nic.in](mailto:dgship-dgs@nic.in)

कांजुरमार्ग (ईस्ट) / KANJUR MARG (EAST)

E-mail: [dgship-dgs@nic.in](mailto:dgship-dgs@nic.in)

वेब: [www.dgshipping.gov.in](http://www.dgshipping.gov.in)

मुंबई / MUMBAI - 400 042

Web: [www.dgshipping.gov.in](http://www.dgshipping.gov.in)

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

Date: 18.12.2018

### PSC/FSI Inspection Report for July 2018

#### **A. PORT STATE INSPECTIONS OF FOREIGN FLAG VESSELS IN INDIA**

- There were 31 port state inspections in July 18 compared to 32 in June. The maximum number of inspections, that is, 9 constituting about 29% of total inspections were conducted by Kochi district followed by 7 inspections, that is, about 22.6% of total inspections were conducted by Mumbai and Kolkata district.
- There was two detention in July compared to 1 in June. The performance trends between January-July 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 9 detentions till end July 2018.
- Bulk Carriers continue to be the maximum ship type inspected with about 20 inspections, that is, 64.5% of total inspections in July. One each of the two vessels detained were bulk carrier and container. The highest average deficiency index of 12.5 was registered by four numbers container vessel inspected and one was also detained. The RO of two vessels detained were LR & NKK respectively.
- The major areas where maximum number of deficiencies were registered in July were Working conditions of seafarers and Propulsion & Auxiliary Machinery as in June 2018.
- Detained Vessels

Name of Vessel	IMO No.	Age/Type	GT	RO/Flag
Lily Queen	9111462	23/Container	10749	NK/ Liberia
Aifanourious	9217929	17/Bulk Carrier	28693	LR/Bahamas

## **B. Flag State Inspections of Indian Flag Vessels**

- a) There were 37 Flag state inspections in July 18 compared to 36 in June 18. The maximum number of inspections, that is, 9 each constituting about 25% of total inspections were conducted by Mumbai and Kolkata district.
- b) The monthly performance trends of ships inspected between January-July 2018 indicates that after nil detentions in first three months of 2018, the detentions are on a rise with about 5 detentions in last 3 months; however, in July there were nil detentions. The average monthly deficiency index is also increasing after reduction which registered a value of 8.64 in January 2018 reduced afterwards and is again on a rise with 8.22 in June and then reduced to 6.8 in July.
- c) **Performance based on type:** Among all ship types inspected, 4 numbers Passenger vessel inspected in July registered the highest average deficiency index of 12.75 while oil tankers inspected registered the least average deficiency index of 5.2.
- d) **Performance based on age:** Among all ship types inspected, 7 inspected vessels more than 25 years of age registered the highest average deficiency index of 9.7 while 11 vessels between 15-25 years of age inspected registered the least average deficiency index of 5.6. One number Passenger vessel more than 25 years of age registered the highest deficiency index of 20.
- e) **Performance based on size:** 14 number vessels inspected of less than 500gt registered least average deficiency index of 5.8 while the highest average deficiency index of 14.5 was registered by one number Passenger ship of more than 3000gt.
- f) **Recognized Organizations:** The highest deficiency index of 8 was registered by one number vessel dual classed with IRS & DNV-GL(AS).
- g) **Owners/Managers:** ITT shipping with 3 inspections and SCI Ltd with 6 inspections registered highest deficiency index of 11.
- h) The Working conditions of seafarers continue to be an area of concern with 55 deficiencies.

## **C. Port State Inspection of Indian Flag Vessels abroad**

- a) There was a total of 19 Indian Flag vessels inspected in July 2018 in 6 regional MOU/ PSC regimes.
- b) There was one detention in July taking overall detentions in calendar year 2018 till end July to 5. The average deficiency index increased from 1.27 in June to 2.73 in July while the and a nil-deficiency index of reduced from 0.55 in June to 0.48 in July indicating an overall lower performance in July compared to June. The detained vessel was an Bulk Carrier between 5-15 years of age and managed by SCI Ltd.
- c) Among all the PSC regime, with 2 or more inspections, the best performance was that in Paris MOU with 2 inspections and 0.5 average deficiency index.
- d) The highest average deficiency index was registered by Container ships more than 15 years of age.
- e) Areas with highest deficiencies: Safety of Navigation.

Name of Vessel	IMO No.	Age/Type	GT	RO/Class
Vishwa Anand	9515046	7/Bulk Carrier	44007	IRS/LR
Date of detention	Last Survey	Detainable Deficiencies/Deficiencies		

16.07.2018	22.09.2017	Non-operational 15 PPM alarm of OWS; SMS does not ensure that vessel can respond to hazards, accidents and emergency situations.
------------	------------	--

**Corrective and Preventive Action:** Master and Chief Engineer were called to the directorate and were given verbal warning.

**Graphical Representation of Port State Inspection of Foreign Ships in India**

**A. Port State Inspection of Foreign Ships in India**

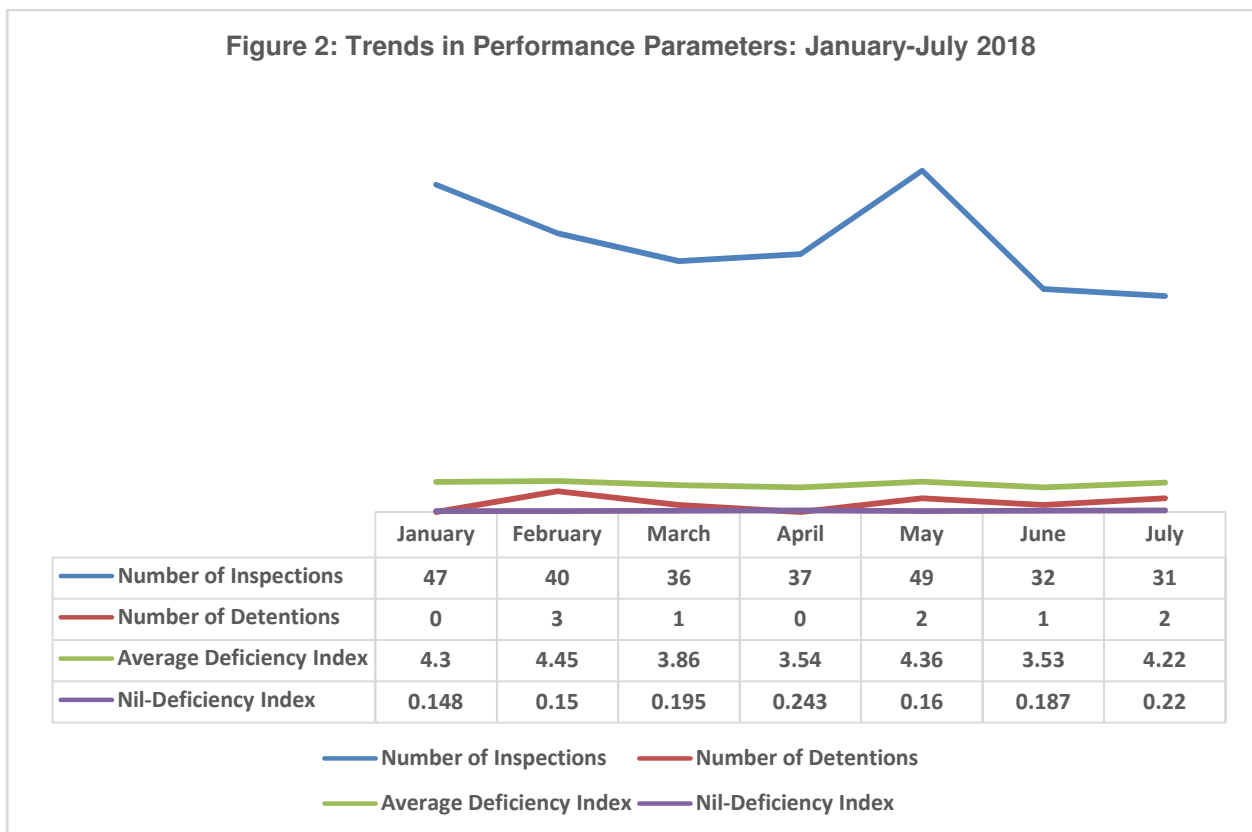
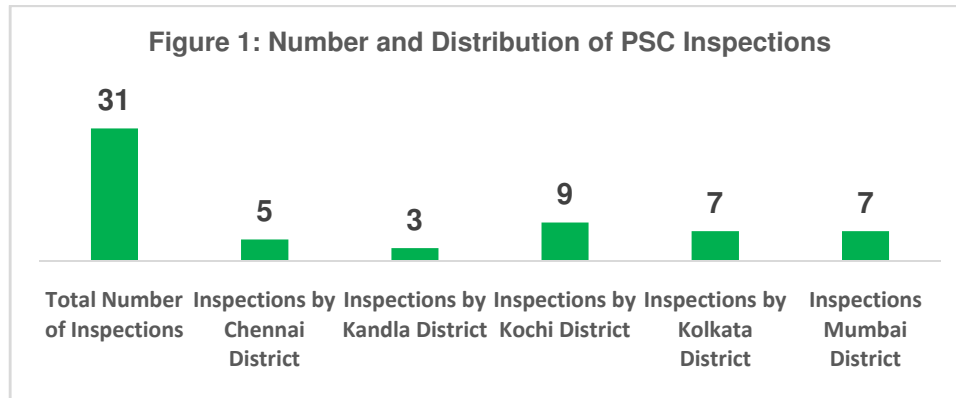


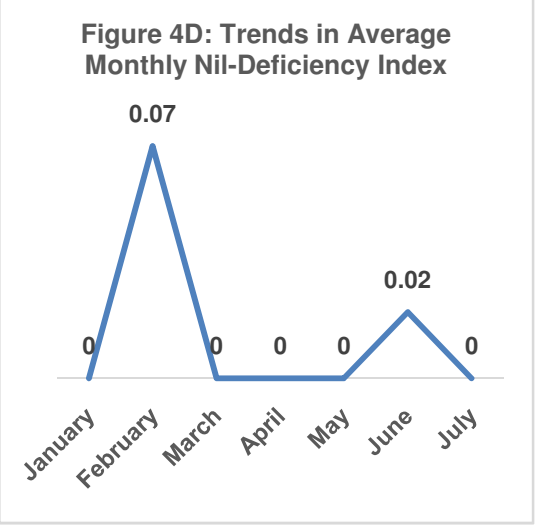
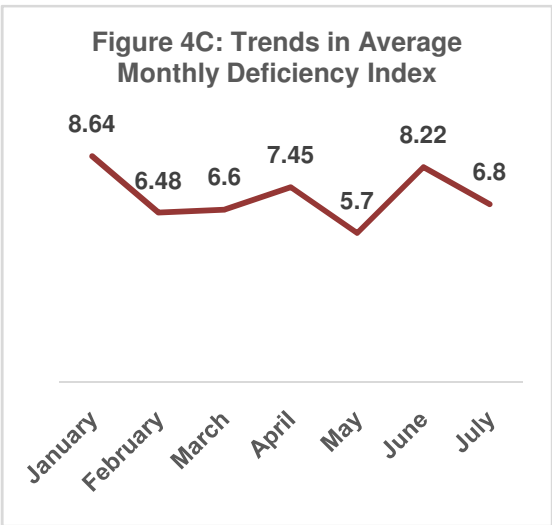
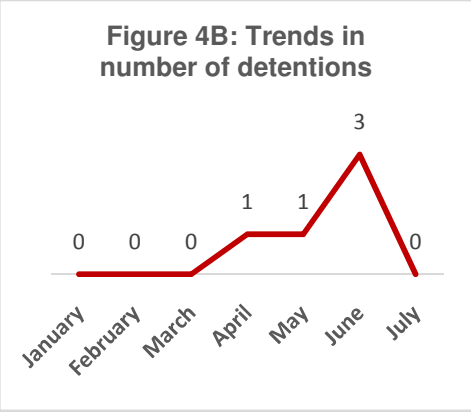
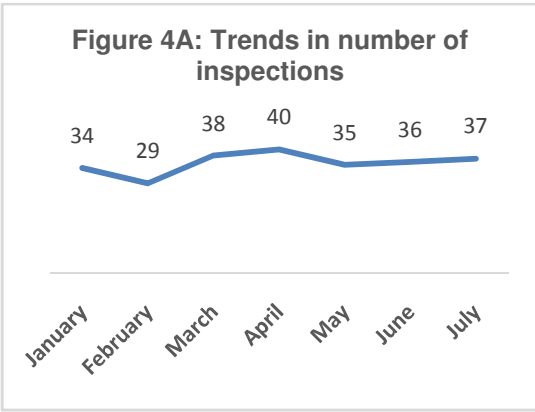
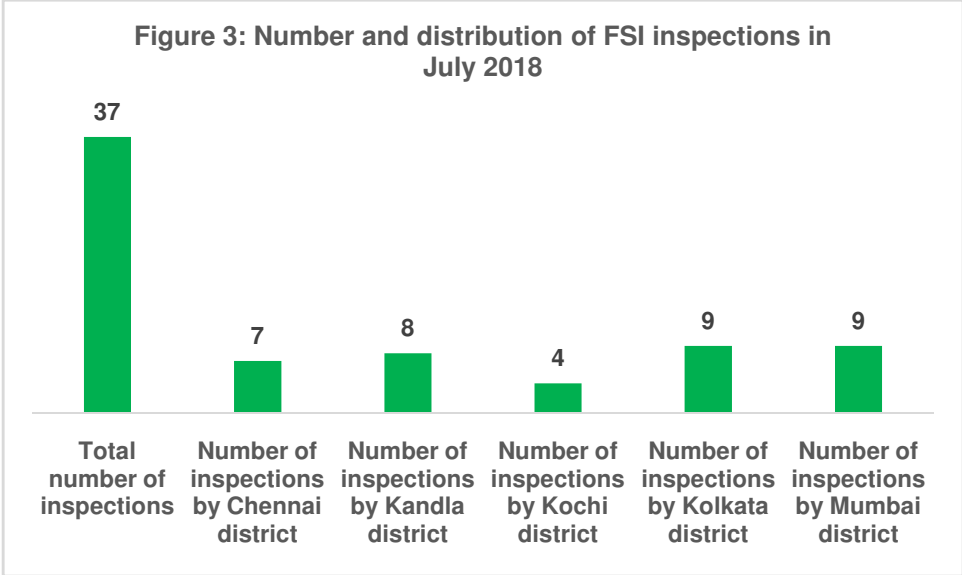
Table 1: Performance parameters ship type				
Type of Vessel	Number of Inspections	Number of detentions	Deficiency Ratio	Nil-deficiency Ratio
<b>All Vessels</b>	<b>31</b>	<b>2</b>	<b>4.22</b>	<b>0.22</b>
Bulk Carrier	20	1	3.25	0.3
Chemical Tanker	2	0	2	0
Container Vessels	4	1	12.25	0
General Cargo/OCV	2	0	2	0
Oil Tankers	3	0	3	0

Table 2: Performance of Recognized Organizations				
Name of RO	Number of inspections	Number of detentions	Deficiency Ratio	Nil-deficiency ratio
<b>All Vessels</b>	<b>31</b>	<b>2</b>	<b>4.22</b>	<b>0.22</b>
ABS	3	0	8	0
BV	8	0	5.5	0.125
CCS	1	0	2	0
DNV/GL/DNV-GL(AS)	3	0	2.33	0.66
KRS	1	0	10	0
LR	5	1	3	0.2
NK	8	1	3.375	0.25
RINA	1	0	2	0
VR	1	0	2	0

Table 3: Deficiencies Break-up			
Code	Type	Number (%age)	Typical deficiencies
011	Certificates & Documentation- Ship Certificates	1	
012	Certificates & Documentation- Crew Certificates	2	Endorsement by Flag state

013	Certificates & Documentation- Documents	12	Rest hour record; Log books; Garbage record book; Survey report file; Oil record books.
021	Structural Conditions	6	Hull and Deck Corrosion; Steering Gear.
031	Water/Weathertight Conditions	8	Ventilators, airpipes, casings; Machinery Space Openings; Doors;
041	Emergency Systems	9	Emergency Lighting, Batteries & Switches; Public address system; Emergency Source of Power-Emergency Generator;
051	Radio Communications	1	MF/HF Radio Installations.
071	Fire Safety	7	Fire fighting equipment and appliances; Fire control plans; Fire pumps and pipes; Oil accumulation in engine room.
091	Working and Living Conditions- Living Conditions	6	Furnishings; Provision Quality; Ventilation; Parasites.
092	Working and Living Conditions- Working Conditions	35	Cleanliness of Engine Room; Danger areas; Gangway, Accommodation Ladder; Gas Instruments; Machinery Protection; Steam pipes and Pressure Pipes; Obstruction/Slipping
101	Safety of Navigation	7	Lights, Shapes & Sound Signals; Magnetic Compass; Radar; Nautical Publications
111	Life Saving Appliances	6	Operational readiness of life-saving equipment's; Stowage and Provisions of Lifeboat; Rescue Boat
131	Propulsion and Auxiliary Machinery	13	Auxiliary Engine; Bilge Pumping Arrangements.
141	Pollution Prevention: MARPOL Annex I	2	Retention of oil on board; Oil discharge monitoring & control system.
144	MARPOL Annex IV	4	Sewage Treatment Plant
145	MARPOL Annex V	7	Garbage Management Plan
146	MARPOL Annex VI	1	Technical files and if applicable, monitoring manual;
151	ISM	1	Maintenance of ship and equipment.
161	ISPS	2	Access control to ships; Security related defects.
182	MLC 2006	1	Rest and work hour records.

## B. Flag State Inspections



Type of vessel	Number of inspections	Number of detentions	Deficiency Ratio	Nil-Deficiency Ratio
All Vessels	37	0	6.8	0
Bulk Carrier	5	0	8.2	0
General Cargo/Multi-purpose Ship/OCV	8	0	6.25	0
Off-shore vessels	6	0	6	0
Oil Tankers	5	0	5.2	0
Passenger Ship	4	0	12.75	0
Tug Boat	9	0	5.3	0

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	2	0	7	0	17	0	6.3	0
Bulk Carrier	NA	NA	NA	NA	4	0	6.5	0
OCV/General Cargo/Multi-Purpose	NA	NA	NA	NA	1	0	2	0
Off shore service vessels	2	0	7	0	2	0	6.0	0
Oil Tankers	NA	NA	NA	NA	2	0	7.5	0
Container Vessels	NA	NA	NA	NA	NA	NA	NA	NA
Passenger Vessels	NA	NA	NA	NA	2	0	11	0
Gas Carrier	NA	NA	NA	NA	NA	NA	NA	NA
Tug Boats	NA	NA	NA	NA	6	0	5.1	0

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

<b>All Vessels</b>	<b>11</b>	<b>0</b>	<b>5.6</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>9.7</b>	<b>0</b>
Bulk Carrier	1	0	15	0	NA	NA	NA	NA
General Cargo/Multi-Purpose Vessels/OCV	2	0	2.5	0	4	0	8.6	0
Off shore service vessels	2	0	5	0	NA	NA	NA	NA
Oil Tankers	2	0	3	0	1	0	5	0
Container Vessels	NA	NA	NA	NA	NA	NA	NA	NA
Passenger Vessels	1	0	9	0	1	0	20	0
Tug Boats	3	0	5.6	0	NA	NA	NA	NA
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	14	0	5.8	0
Offshore Service Vessel	1	0	10	0
Other Cargo Vessel	3	0	3.6	0
Passenger Ships	1	0	12	0
Tug Boats	9	0	5.3	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	0	7.4	0
General Cargo/Multi-Purpose Vessels/OCV	4	0	8.75	0
Off-shore Service Vessels	4	0	6	0
Oil Tanker	1	0	5	0
Passenger Ship	1	0	10	0



Vessels >= 3000gt	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio
All Vessels inspected >= 3000GT	13	0	7.46	0
Bulk Carrier	5	0	8.2	0
Passenger Ships	2	0	14.5	0
General Cargo/Multi-purpose Vessels/OCV	1	0	4	0
Offshore Vessels	1	0	2	0
Oil Tanker	4	0	5.25	0

Recognized Organization/s	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
IRS/ABS	1	0	5	0
IRS/BV	3	0	7	0
IRS/DNV-GL(AS)	1	0	8	0
IRS/LR	3	0	4.3	0
IRS/NK	3	0	4.3	0
IRS	26	0	7.3	0

Name of Company	Number of Inspections	Number of Detentions	Deficiency Ratio	Nil-Deficiency Ratio
ABS Marine Services Pvt. Ltd.				
Adani Hazira Port Private Ltd,				
Adani Harbor Services Pvt. LTD.				
ADEL Shipping and Logistics				
AMBA Shipping & Logistics Ltd.				
Ambuja Cements Ltd.	1	0	2	0

ANGLO Ship Management Ltd.				
Apeejay Shipping Ltd.				
Albatross Marine Services	1	0	12	0
Arkay Logistics Limited				
AZA Shipping Pvt. Ltd.	1	0	1	0
Bernhard Schulte Shipping India Ltd.				
Chandra Ship Management Pvt. Ltd.				
Crowley Accord Private Ltd.	2	0	12	0
Dawn Shipping Private Ltd.				
Dolphin Offshore				
Dredging Corporation of India Ltd.				
ESSAR Shipping Ltd.				
Fleet Management India Pvt. Ltd.				
Galleon Shipping Ltd.				
Global Offshore Services Ltd.	1	0	4	0
Great Offshore India Pvt. Ltd.				
Great Ship India Ltd.	1	0	2	0
Hind Offshore Private Ltd.	1	0	2	0
Hoger Off-shore & Marine Pvt. Ltd.				
Imperial Classic Shipping				
Ind-Aust Maritime Ltd.	1	0	9	0
Integrity Ships Pvt. Ltd.				
ITT Shipping Pvt. Ltd.	3	0	11	0
JSW Steel Ltd.				
K-Line Ship Management(India) Pvt. Ltd.	1	0	3	0
Lakshwadeep Development Corporation				
Libra Ship Management Pvt. Ltd.	1	0	4	0
Lift & Shift India Pvt. Ltd.	1	0	8	0

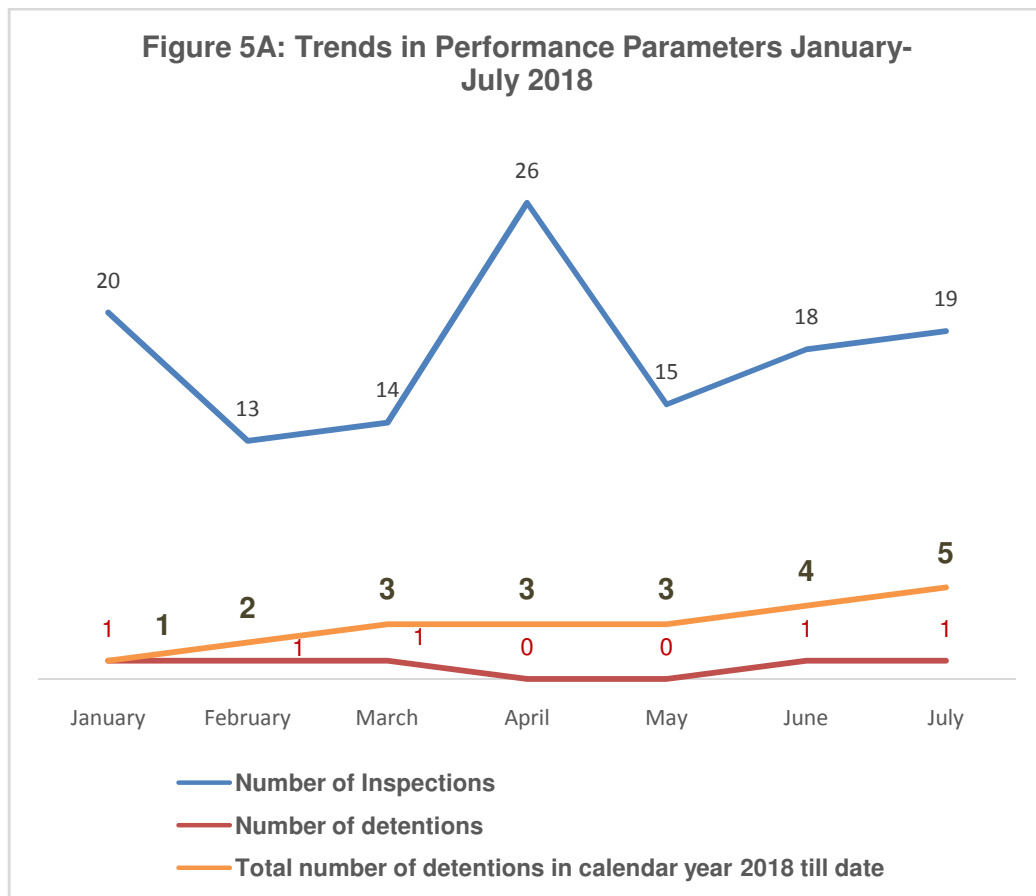
Mercator Ltd.				
MJ Marine Services Pvt. Ltd.				
Mundra Special Economic Zone Ltd.	5	0	6	0
New Horizon Ship Management				
Ocean Sparkle Ltd.	3	0	3.33	0
Offshore International Logistics Ltd.				
ONGC				
Orion offshore Services Pvt. Ltd.	1	0	10	0
Penta Crystal Ship Management Ltd.				
Raj Shipping Agencies Ltd.				
Reliance Industries Ltd.				
SAMSON Maritime Ltd.				
Sanmar Shipping Ltd.	1	0	5	0
SCI Ltd.	6	0	11	0
Sea Sparkle Harbour Services Pvt. Ltd.	2	0	2.5	0
Seven Island Shipping Ltd.				
Star Shipping Company Pvt. Ltd.	1	0	6	0
Svitzer Hazira Ltd.				
SVS Marine Services Pvt. Ltd.				
Sushe Marine Services Pvt. Ltd.				
Synergy Oceanic Services Pvt. Ltd.				
Tag Offshore Ltd.				
TCI Seaways Ltd.				
GESCO	1	0	5	0
Tolani Shipping Ltd.				
TW Ship Management Pvt. Ltd.				
Transworld Ship Management				
Vamsee Shipping Carrier Pvt. Ltd.	1	0	5	0
Vision Maritime Pvt. Ltd.	1	0	10	0

**Table7: Types of Deficiencies**

Code	Type	Number	Typical deficiencies
101	<b>Safety of Navigation</b>	<b>16</b>	<b>Lights, Shapes &amp; Sound Signal; VDR; Nautical Publications; Magnetic Compass; Gyro Compass; Echo Sounder; Radar; Charts</b>
111	<b>Life Saving Appliances</b>	<b>25</b>	<b>Rescue Boats; Life-boats; Emergency equipment for 2-way communication; Lifebuoys</b>
131	Propulsion & Aux. M/C	9	Gauges, Thermometers etc; Operation of Machinery; Propulsion Main Engine;
141	MARPOL Annex I	8	Oil and Oily Mixtures from Machinery Spaces; Retention of oil on board; 15 PPM alarm arrangements;
144	MARPOL Annex IV	1	Sewage Treatment Plant
145	MARPOL Annex V	7	Garbage Management Plan
146	MARPOL Annex VI		Record book of engine parameters.
151	ISM	2	Company verification, review and evaluation.
161	ISPS	1	
171	<b>Other Safety in General</b>		
011	Certificates & Documentation-Ship Certificates	9	MSMD; SEQ Certificate
012	Certificates & Documentation-Crew Certificates	3	Certificate for masters and officers;
013	Certificates & Documentation-Documentation	27	SOPEP; Garbage Record Book; Rest Hour Records; Table of Working Hours.
021	Structural Conditions	9	Bulkhead Corrosion; Decks-corrosion
031	Water/Weathertight Conditions	14	Freeboard Marks; Suppers, Inlets & Discharges; Ventilators, air pipes and casings.
041	Emergency Systems	17	Abandon ship drills; Location of emergency installation; Emergency battery, lighting and switches.
051	Radio Communications	6	Radio log; MF Radio installation; INMARSAT Ship Earth Station.

061	Cargo Operations	2	
071	Fire Fighting Equipment's	24	Ventilation; Fire detection and alarm system; Fire pump and its pipes; Means of escape.
081	Alarms		General Alarm.
091	Working & Living Conditions: Living Conditions	17	Sanitary facilities; Ventilation of accommodation; Food and Personal hygiene.
092	Working & Living Conditions: Working Conditions	55	Gas instruments; Entry into dangerous spaces; Warning notices; Protection of Machinery; Guards around dangerous moving machineries; Electrical.

### C. Port State Inspections of Indian Flag Vessels



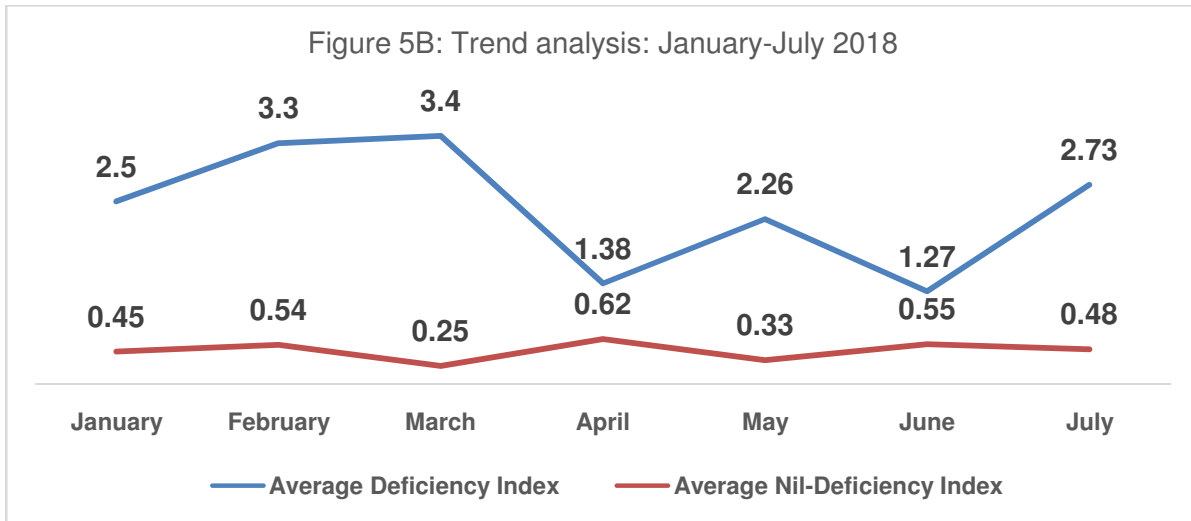


Table 8: Performance under various PSC regimes

Regional MOU/PSC Regime	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
Black Sea	1	0	0	1
IOMOU	1	0	8	0
Paris	2	0	0.5	0.5
Riyadh	2	0	1.5	0
Tokyo	10	1	3.8	0.3
USCG	1	0	0	1
Vina-Del-Mer	2	0	1	0.5

Table 9: Performance based upon ship type and age

Type of Vessel	Number of Inspections	Number of detentions	Deficiency Index	Nil Deficiency Index
<b>Bulk Carrier</b>	11	1	<b>3.27</b>	0.36
0-5 Years	1	0	<b>0</b>	1
<b>5-15 Years</b>	<b>9</b>	<b>1</b>	<b>4</b>	<b>0.18</b>
➤ 15 Years	1	0	<b>0</b>	1
<b>Chemical Tanker</b>	1	0	<b>0</b>	1
5-15 Years	1	0	<b>0</b>	1
<b>Container</b>	1	0	<b>8</b>	<b>0</b>

<b>&gt;15 Years</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>0</b>
<b>GAS CARRIER</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>
<b>&gt;15 Years</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>
<b>Oil Tanker</b>	5	0	1	0.6
<b>0-5 Years</b>	1	0	0	1
5-15 Years	4	0	1.25	0.5

Table 10: Performance of Indian Ship Operators

<b>Name of Company</b>	<b>Number of Inspections</b>	<b>Number of detentions</b>	<b>Deficiency Ratio</b>	<b>Nil Deficiency Ratio</b>
<b>ASP Ship Management</b>	1	0	3	0
	TOKYO:1			
<b>Five Star Shipping Co. Ltd.</b>	2	0	1.5	0.5
	TOKYO:2			
<b>Global United Shipping Pvt. Ltd.</b>				
<b>Fleet Management India Ltd.</b>	2	0	1.5	0.5
	Riyadh:2			
<b>Pacific International Lines Pvt. Ltd.</b>				
<b>SAI Maritime &amp; Management Pvt. Ltd.</b>				
<b>Shipping Corporation of India</b>	3	1	8	0
	TOKYO: 2; Vina-Del-Mer: 1			
<b>Seavie Pvt. Ltd.</b>	1	0	0	1
	USCG:1			
<b>TCI Seaways1</b>				
<b>GESCO Ltd</b>	8	0	1.37	0.5
	Black Sea: 1 ; Paris: 2 ; Tokyo: 5			
<b>Tolani Shipping Co. Ltd.</b>	1	0	0	1
	Vina-Del-Mer:1			
<b>TW Ship Management</b>	1	0	8	0
	IOMOU:1			

Recognized Organization	Number of inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
IRS	7	0	3	0.28
	TOKYO:3; PARIS:1; RIYADH:1; IOMOU:1; VINA-DEL-MER:1			
IRS/ABS	3	0	0.66	0.66
	TOKYO:2; RIYADH:1			
IRS/DNV-GL(AS)	2	0	1.5	1
	TOKYO:1; BLACK SEA:1			
IRS/LR	6	1	4.16	0.5
	USCG:1; VINA-DEL-MER:1; TOKYO:4			
IRS-NK	1	0	0	1
	PARIS:1			

Code	Type	Number	Typical deficiencies
011	Certificates and Documents: Ships Certificate	1	
013	Certificates and Documents: Ships Documentation	2	
021	Structural Conditions	6	Main deck corroded; Life-rafts embarkation light; Executive hull summary
031	Water/Weathertight Conditions	4	Freeboard marks, Ventilators, air Pipes and casings
051	Radio Communications	3	Reserve source of energy
071	Fire Safety	5	Generators turbocharger not lagged; Self closing door closing mechanism
091	Working and Living Conditions: Living Conditions	1	
092	Working and Living Conditions: Working Conditions	3	
101	Safety of Navigation	9	Voyage or Passage Plan; Charts; Magnetic Compass; AIS; Nautical



			Publications
<b>111</b>	<b>Life Saving Appliances</b>	6	Launching arrangement of life-boats; SOLAS training manual not ship specific; Rescue boat engine.
<b>131</b>	<b>Propulsion and Auxiliary Machinery</b>	1	
<b>141</b>	<b>Pollution Prevention- MARPOL Annex I</b>	2	15PPM discharge, monitoring and control system defective
<b>144</b>	<b>Pollution Prevention- MARPOL Annex IV</b>	4	STP
<b>151</b>	<b>ISM</b>	1	The SMS does not ensure that vessel can respond to hazardous situations.
<b>161</b>	<b>ISPS</b>		
<b>171</b>	<b>Other</b>	2	

Prepared by: Shri Vikrant Rai, Engineer & Ship Surveyor

Approved by: Shri B.R.Sekhar, Chief Surveyor