



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 October 2017

A. PORT STATE INSPECTIONS OF FOREIGN FLAG VESSELS IN INDIA

- a) There was a total of 40 inspections in October compared to 38 inspections in September 17. The Chennai district conducted maximum number of PSC inspections among all district with a total of 13 inspections, that is, 1/3rd of total inspections, followed by Kochi and Mumbai districts with 11 inspections each.
- b) About 72.5% of the vessels inspected were in IOMOU high risk category compared to 65.8%% in September 17.
- c) In terms of performance, the vessels inspected demonstrated a better performance than those inspected in September. Although the number of detentions remained at one, the deficiency index reduced from 3.8 in September to 3.05 in October 17 and the nil deficiency index increased from 0.122 in August to 0.184 in September and 0.275 in October 17. It is an indicator that compared to 18.4% of all vessels inspected in September, about 27.5% of vessels inspected in October had nil deficiencies.
- d) Risk based performance: Medium risk vessels continue to perform poorly with one detentions and the highest deficiency index of 4.1 compared to deficiency ratios 2.9 and 1.33 respectively for high and low risk vessels.

However, on the other side Medium risk vessels also had the highest nil deficiency index of 0.375 compared to high and low risk vessels. Though, low risk vessels had the least deficiency index among all risk types, it also had 0 nil deficiency index.

- e) Type based performance: Bulk carriers had the only detention in October 2017, however, Container ships had the highest deficiency ratio of 5.3. The gas carriers and oil tankers inspected registered nil deficiencies.
- f) Recognized Organizations: Class NK registered the only detention in October. BV Class vessels registered highest deficiency ratio of 4.8. Each of Class DBS, BV and VR had zero nil-deficiency index.
- g) Flags performance: Tuvalu flag had one and the only detention in India in September and also the highest deficiency ratio of 12 among all the flags whose vessels were inspected.
- h) 24.4% of all the deficiencies given in October pertained to Seafarers working conditions. This has been a continuous trend since last many months.
- i) Detained Vessel

Name of Vessels	IMO No.	Flag	RO	Type/Age
Tan Binh 235	9125360	Tuvalu	NK	Bulk Carrier/21 Years

B. Flag State Inspections of Indian Flag Vessels

- a) There were 40 Flag state inspections in October. Mumbai district conducted the maximum of 14 inspections followed by Kolkata and Chennai with 11 and 8 inspections respectively.
- b) There were two detentions in October constituting 5% detention rate compared to 1 detention in September and a detention rate of 2.5%. The overall performance has improved in October when compared to September with deficiency index reducing from 8.8 to 7.1, however, the nil-deficiency ration has remained the same at 0.025.

- c) **Performance based on type:** Among all ship type, irrespective of size and age, off-shore supply vessels and OCV had one detention each, however, the passenger vessels inspected had the highest deficiency index of 15.
- d) **Performance based on age:** The vessels inspected between 15-25 years of age and greater than 25 years of age had 1 detention each. However, the highest average deficiency index was recorded from vessels above 25 years of age.
- e) **Performance based on size:** The two vessels detained were greater than 500gt; however, the highest average deficiency index was recorded from inspected vessels less than 500gt.
- f) **Recognized Organizations:** Though out of the two vessels detained one was single IRS Class and other dual IRS-DNV-GL(AS), the highest deficiency index was recorded by dual IRS-NK Class vessels inspected.
- g) **Owners/Managers:** Among all the companies whose ships were inspected for Flag State inspections, the vessels managed by DCI Ltd. And Halani Shipping Pvt. Ltd registered one detention each. The highest average deficiency index of 28 was managed by Yar Shipping and Catering Pvt. Ltd.
- h) The top three areas of deficiencies continued to be Working conditions, Safety of Navigation and fire safety measures.

C. Port State Inspection of Indian Flag Vessels abroad

- a) There was a total of 17 Indian Flag vessels inspected in October 2017 in 6 regional MOU/ PSC regimes.
- b) Compared to September, the Indian Ships demonstrated a better performance with nil detentions and average deficiency index reducing from 1.375 to 1.29; however, the average nil-deficiency index has also reduced from 0.625 to 0.53.
- c) The below average performance was demonstrated in TOKYO MOU with an above average deficiency index of 2.25. In Riyadh, Paris, Indian Ocean MOU and USCG, each of the Indian vessel inspected recorded nil deficiency.
- d) Only Bulk carriers and oil tankers were the types of ship inspected in October. The Bulk Carrier between 5-15 Years of age recorded below average performance with an average deficiency ratio of 2.37.
- e) **Performance of Shipping Companies:** Among all the shipping companies, SCI ltd. recorded less than average performance with highest deficiency ratio of

3.75. The performance of GESCO was well above the average with 8 inspections and that too mainly in Tokyo, Paris MOU and USCG with 75% of all vessels inspected resulting in no deficiencies and a deficiency index of 0.25 deficiencies per vessel.

- f) Among Recognized Organizations, Single IRS Class vessels recorded lowest deficiency index, that is zero and the highest deficiency index was recorded by dual IRS-BV Class vessels inspected.
- g) Life-saving appliances and Fire Safety measures continue to be an area of concern.

D. Corrective and Preventive Action:

1. Two vessels were detained under FSI in October 2017:

Name of Vessels	IMO No.	Age/Type	GT	RO/CLASS
DCI Dredge XI	8505680	31/OCV	5170	IRS
Date of Detention	Last Survey	Detainable deficiencies		
24.07.2017	24-10-2017	Oil in ER Bilges; Emergency Fire pump not building pressure; Cold rooms non-operational;		

Corrective and Preventive action: All three deficiencies detailed above assigned RO responsibility. Vessels not to sail prior rectification of all deficiencies and no extension is allowed. Vessel to be re-offered for FSI between 3-4 months after the date of release from detention.

Name of Vessel	IMO No.	Age/Type	GT	RO/Class
Halani 6	9165906	19/Off-shore supply	1971	IRS/DNV-GL(AS)
Date of detention	Last Survey	Detainable Deficiencies		
31.10.2017	30.06.17 by DNV	MLC 2006 Certificate not available.		

Graphical Representation of Port State Inspection of Foreign Ships in India

A. Port State Inspection of Foreign Ships in India

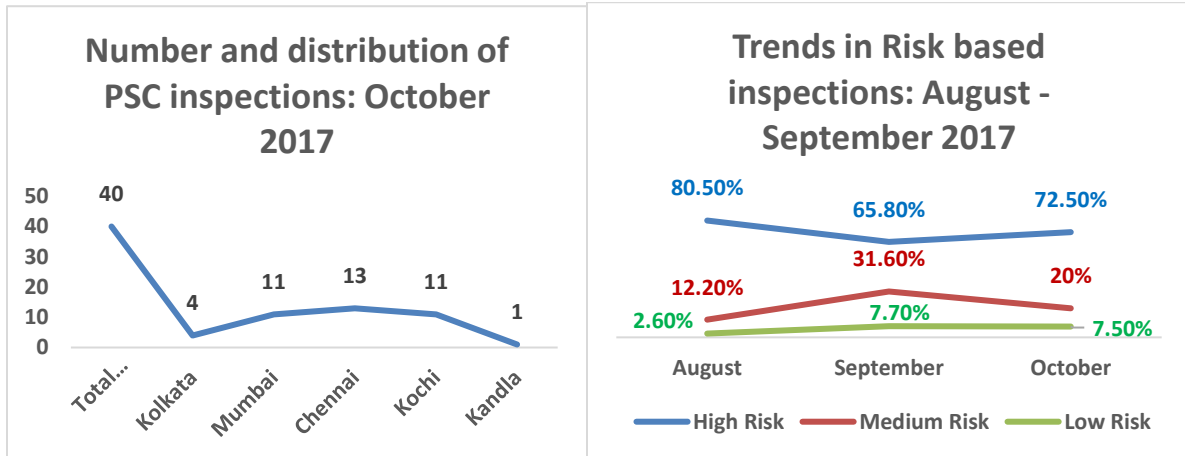


Figure 1: Number of Inspections and Risk based Inspection trends

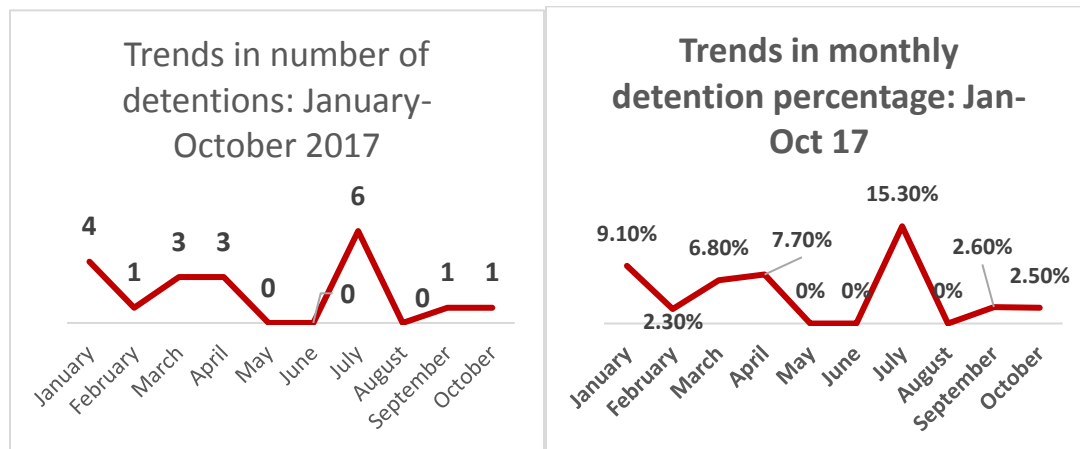


Figure 2: Trends in detentions: October 2017

Risk Type	Number of Inspections	Number of detentions	Deficiency Ratio	Nil-deficiency Ratio
All Vessels	40	1	3.05	0.275
High Risk Vessels	29	0	2.9	0.27
Medium Risk Vessels	8	1	4.1	0.375
Low Risk Vessels	3	0	1.33	0

Table 1: Risk based Performance Parameters: October 17

Type of Vessel	Number of Inspections	Number of detentions	Deficiency Ratio	Nil-deficiency Ratio
All Vessels	40	1	3.05	0.275
Bulk Carrier	21	1	2.38	0.19
Chemical Tanker	4	0	4.5	0.25
Container Vessels	6	0	5.3	0.33
Gas Carriers	2	0	0	1
General Cargo	4	0	5	0
Oil Tankers	2	0	0	1
Other Types of Ships	1	0	2	0

Table 2: Performance parameters ship type

Name of Recognized Organization	Number of inspections	Number of detentions	Deficiency Ratio	Nil-deficiency ratio
All Vessels	39	1	3.1	0.26
ABS	5	0	3.4	0.6
BV	6	0	4.8	0
CCS	2	0	1	0.5
DBS	1	0	2	0
DNV/GL/DNV-GL(AS)	7	0	1.14	0.428
LR	5	0	0.8	0.4
NK	13	1	3.9	0.15
VR	1	0	9	0

Table 3: Performance of Recognized Organizations

Flag	No. of inspections	No. of detentions	Deficiency Index	Nil-Deficiency Index
All Vessels	39	1	3.1	0.26
Antigua & Bermuda	1	0	2	0
Barbados	1	0	5	0
Belize	1	0	2	0
Cyprus	2	0	0.5	0.5
Denmark	2	0	0	1
Greece	1	0	0	1
Hong Kong	4	0	3.5	0
Liberia	5	0	1.8	0.6

Table 4A: Performance of Flags

Flag	Number of Inspections	Number of detentions	Deficiency Index	Nil-deficiency Index
Malta	1	0	2	0
Marshall Island	4	0	1	0.25
Panama	4	0	2.75	0
Philippines	1	0	4	0
St. Vincent & Grenadines	1	0	4	0
Singapore	6	0	3.3	0.5
Thailand	2	0	3	0
Tuvalu	2	1	12	0
Vietnam	2	0	5.5	0

Table 4B: Performance of Flags

Code	Type	Number (%age of total)	Typical deficiencies
011	Certificates & Documentation (Ship Certificates)	1(0.84%)	
012	Certificates & Documentation (Crew Certificates)	1(0.84%)	
013	Certificates & Documentation- Documents	7(5.9%)	Rest hours records/Garbage Record book
021	Structural Conditions	1(0.84%)	Hull/Other structural
031	Water/Weathertight Conditions	7(5.9%)	Ventilators, air pipes and casings/Machinery space openings
041	Emergency Systems	6(5.0%)	Emergency Fire Pump and its pipes
051	Radio Communications	4(3.4%)	INMARSAT/Reserve source of energy

Table 5A: Deficiencies break up

Code	Type	Number (%age of total)	Typical deficiencies
061	Cargo Operations including equipment	1(0.84%)	
071	Fire Safety	10(8.4%)	Fire pumps and its pipes
081	Alarms	1(0.84%)	
091	Working and Living Conditions- Living Conditions	3(2.5%)	Sanitary facilities
092	Working and Living Conditions- Working Conditions	29(24.4%)	Safe means of access/Engine Room Cleanliness/Engine Room Lighting/Electrical/Obstruction/Slipping
101	Safety of Navigation	13(10.9%)	VDR/ECDIS/BNWAS/Magnetic Compass
111	Life Saving Appliances	9(7.6%)	Other life-saving/Lifeboats/Stowage
131	Propulsion and Auxiliary Machinery	8(6.7%)	Other Machineries/Bilge Pumping arrangements
141	Pollution Prevention: Marpol Annex I	3(2.5%)	15 PPM alarm
144	Pollution Prevention: Marpol Annex IV	3(2.5%)	Sewage Treatment Plant
145	Pollution Prevention: Marpol Annex V	5(4.22%)	
146	Pollution Prevention: Marpol Annex VI	1(0.84%)	Incinerator
147	Pollution Prevention (Anti- fouling)	1(0.84%)	
151	ISM	1(0.84%)	Emergency Preparedness
161	ISPS	1(0.84%)	Security related defects
181	Minimum requirements for Seafarers	1(0.84%)	Recruitment & Placement Services
183	Labor Conditions - Accommodation, recreational facilities, Food & Catering	1(0.84%)	Heating, Air-conditioning & Ventilation
991	Other	1(0.84%)	

Table 5B: Deficiencies Break-up

B. Flag State Inspections

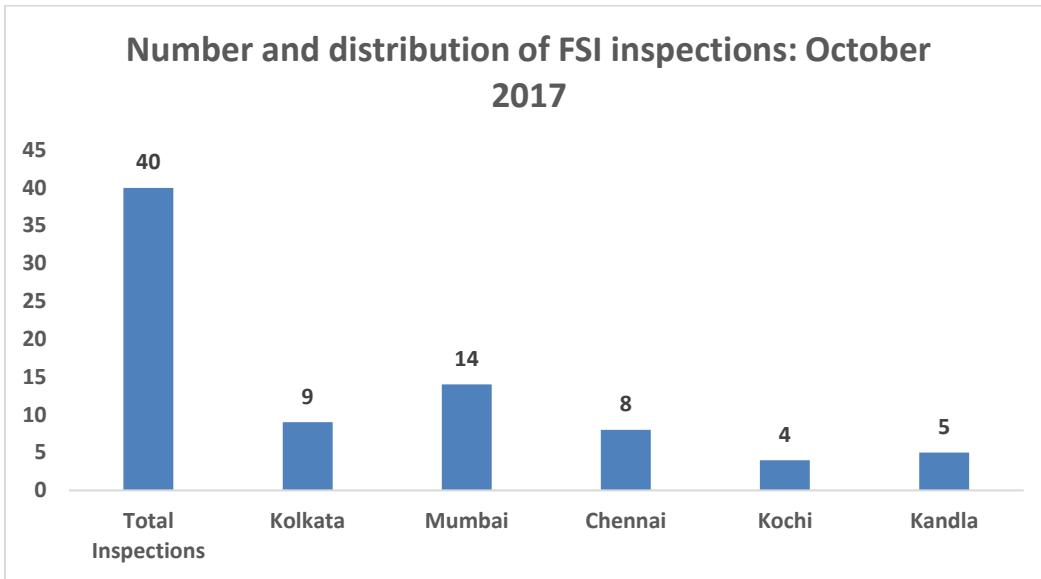


Figure 3: FSI Inspections in October 17: Break-up

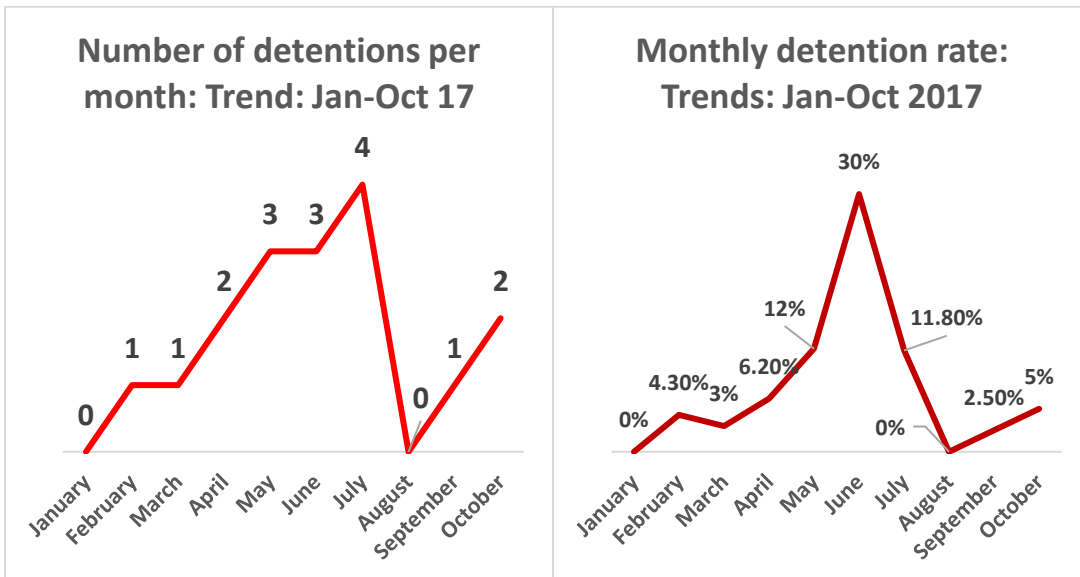


Fig 4: Trends in detentions

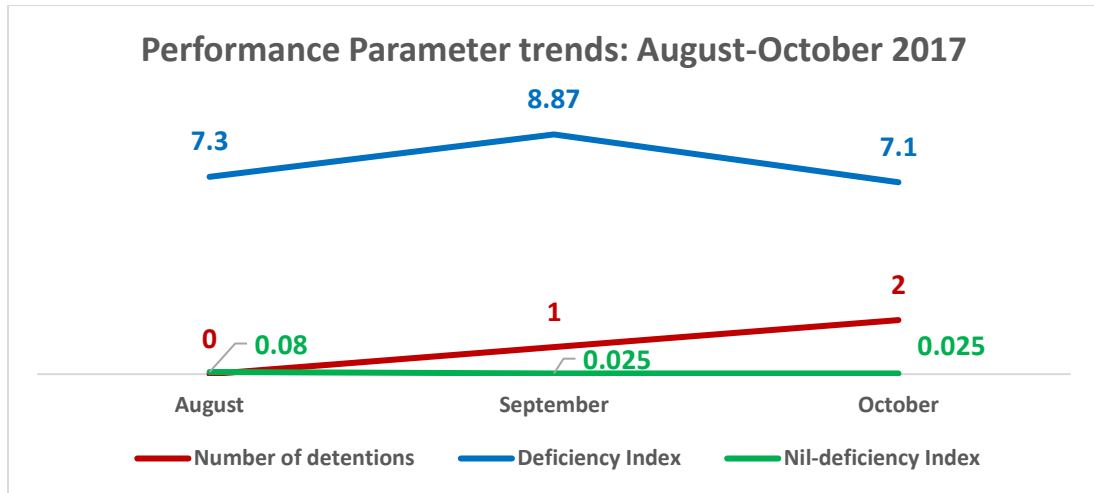


Fig 5: Trends in performance parameters: August-October 17

Type of vessel	Number of inspections	Number of detentions	Deficiency Ratio	Nil-Deficiency Ratio
All Vessels	40	2	7.1	0.025
Bulk Carrier	2	0	10.5	0
Gas Carrier	4	0	9	0
General Cargo/Other Cargo Ship	1	0	12	0
MODU/FPSO	1	0	6	0
Off-shore vessels	6	1	6.3	0
Oil Tankers	2	0	5.5	0
Other Cargo Vessels	11	1	4.7	0.09
Passenger Vessels	2	0	15	0
Tug Boat	11	0	7.2	0

Table 6: Performance of vessels based on ship type

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	1	0	5	0	9	0	6	0.11
Bulk Carrier	0	NA	NA	NA	1	0	11	0
Gas Carrier	0	NA	NA	NA	0	NA	NA	NA
General Cargo	0	NA	NA	NA	0	NA	NA	NA
MODU/FPSO	0	NA	NA	NA	0	NA	NA	NA
Off shore service vessels	1	0	5	0	2	0	5	0
Oil Tankers	0	NA	NA	NA	0	NA	NA	NA
Other Cargo Vessels	0	NA	NA	NA	3	0	2.7	0.33
Passenger Vessels	0	NA	NA	NA	1	0	15	0
Tug Boats	0	NA	NA	NA	2	0	5	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
All Vessels	15	1	7	0	15	1	8.06	0
Bulk Carrier	1	0	10	0	0	NA	NA	NA
Gas Carrier	3	0	8.3	0	1	0	11	0
General Cargo/Other Cargo Vessels	0	NA	NA	NA	1	0	12	0
MODU/FPSO	0	NA	NA	NA	1	0	6	0
Off shore service vessels	2	1	8	0	1	0	7	0
Oil Tankers	2	0	5.5	0	0	NA	NA	NA
Other Cargo Vessels	0	NA	NA	NA	8	1	5.5	0
Passenger Vessels	1	0	15	0	0	NA	NA	NA
Tug Boats	6	0	4.7	0	3	0	13.7	0

Table 7: Performance Parameters based upon ship type and age

Vessels< 500GT	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio
All Vessels inspected < 500GT	16	0	7.6	0.062
Other Cargo Vessels	3	0	4.33	0.33
Passenger Vessels	2	0	15	0
Tug Boats	11	0	7.2	0

Vessels >= 500GT & < 3000gt	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio
All Vessels inspected >=500GT & < 3000GT	9	1	5.8	0
General Cargo/Multi-purpose Vessels	1	0	12	0
Off-shore Service Vessels	5	1	6.2	0
Other Cargo Vessels	3	0	3	0

Vessels >= 3000gt	No. of insps.	No. of detns.	Def. ratio	Nil def. ratio
All Vessels inspected >= 3000GT	15	1	7.4	0
Bulk Carrier	2	0	10.5	0
MODU/FPSO	1	0	6	0
Gas Carrier	4	0	9	0
Offshore Service	1	0	7	0
Oil Tanker	2	0	5.5	0
Other Cargo Vessels	5	1	6	0

Table 8: Performance of vessels: Based on ship type and size

Recognized Organization/s	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
All Vessels	40	2	7.1	0.025
IRS-ABS	1	0	5	0
IRS-BV	1	0	3	0
IRS/DNV/GL/DNV-GL(AS)	1	1	6	0
IRS-KRS	1	0	6	0
IRS/LR	1	0	4	0
IRS/NK	2	0	14.5	0
IRS	33	1	7	0.03

Table 9: Performance of Recognized Organizations

Name of Company	Number of Inspections	Number of Detentions	Deficiency Ratio	Nil-Deficiency Ratio
Amba Shipping	1	0	7	0
Crowley-Accord	2	0	10.5	0
Dolphin Offshore	1	0	8	0
DCI Ltd.	1	1	11	0
Fleet Management India Ltd	1	0	5	0
GESCO Ltd.	1	0	5	0
Halani Shipping Pvt. Ltd.	1	1	6	0
Hind Offshore Pvt. Ltd.	2	0	3	0
Lift and Shift Pvt. Ltd.	1	0	3	0
MAK Logistics Pvt. Ltd.	1	0	12	0
Mormugao Port Trust	1	0	0	1

Table 10A: Performance of Indian Ship Operators

Name of Company	Number of Inspections	Number of Detentions	Deficiency Index	Nil-Deficiency Index
Ocean Sparkle	7	0	4.3	0
Raj Shipping Agencies	1	0	10	0
SS Services Pvt. Ltd.	1	0	10	0
Samson Maritime Ltd.	2	0	4	0
Seven Island Shipping	1	0	6	0
Supreme Hydro Eng	1	0	7	0
Synergy Oceanic	3	0	10	0
SCI Ltd.	7	0	7.9	0
Tag Offshore	1	0	7	0
Van Oord India Pvt Ltd.	1	0	3	0
Vinayak Marine Services	1	0	5	0
Yar Shipping & Catering Pvt. Ltd.	1	0	28	0

Table 10 B: Performance of Indian Ship Operators

Code	Type	Number (%age of total)	Typical deficiencies
011	Certificates & Documentation (Ship Certificates)	7(2.5%)	Continuous Synopsis Record
012	Certificates & Documentation (Crew Certificates)	4(1.4%)	Watchkeeping Certificate
013	Certificates & Documentation- Documents	10(3.5%)	Rest hour records/Oil record book
021	Structural Conditions	16(5.6%)	Deck corrosion; Bulkhead corrosion
031	Water/Weathertight Conditions	11(3.9%)	Railings, gangways, walkways and means of safe passage; Freeboard marks;
041	Emergency Systems	8(2.9%)	Emergency Lighting, battery and switches
051	Radio Communications	11(3.9%)	Satellite EPIRB; SART
061	Cargo Operations including equipment	4(1.4%)	

Table 11 A: Break up of deficiencies

Code	Type	Number (%age of total deficiencies)	Typical deficiencies
061	Cargo Operations including equipment	4(1.4%)	
071	Fire Safety	27(9.5%)	Fire detection and alarm system; Fire pumps and its pipes
081	Alarms	2(0.7%)	
091	Working and Living Conditions- Living Conditions	15(5.3%)	Cold room; Food hygiene; Electrical supplies; Accommodation lighting; Medical equipment
092	Working and Living Conditions- Working Conditions	60(21.2%)	Safe means of access; Obstruction, slipping; Protection of Machinery; Engine Room cleanliness
101	Safety of Navigation	28(9.9%)	Lights, shapes and signals/Nautical publications/Passage Plan
111	Life Saving Appliances	20(7.1%)	Lifebuoys/Lifejackets/Rescue Boats
131	Propulsion and Auxiliary Machinery	18(6.3%)	Auxiliary Engine
141	Pollution Prevention: Marpol Annex I	10(3.5%)	Pumping, Piping and discharge arrangements
144	Pollution Prevention: Marpol Annex IV	9(3.3%)	Sewage Treatment Plant
145	Pollution Prevention: Marpol Annex V	6(2.1%)	
146	Pollution Prevention: Marpol Annex VI	2(0.7%)	
151	ISM	9(3.3%)	Maintenance of ship & equipment/Emergency preparedness
161	ISPS	3(1.0%)	
171	Other Safety in general	3(1.0%)	

Table 11 B: Break up of deficiencies

C. Port State Inspections of Indian Flag Vessels

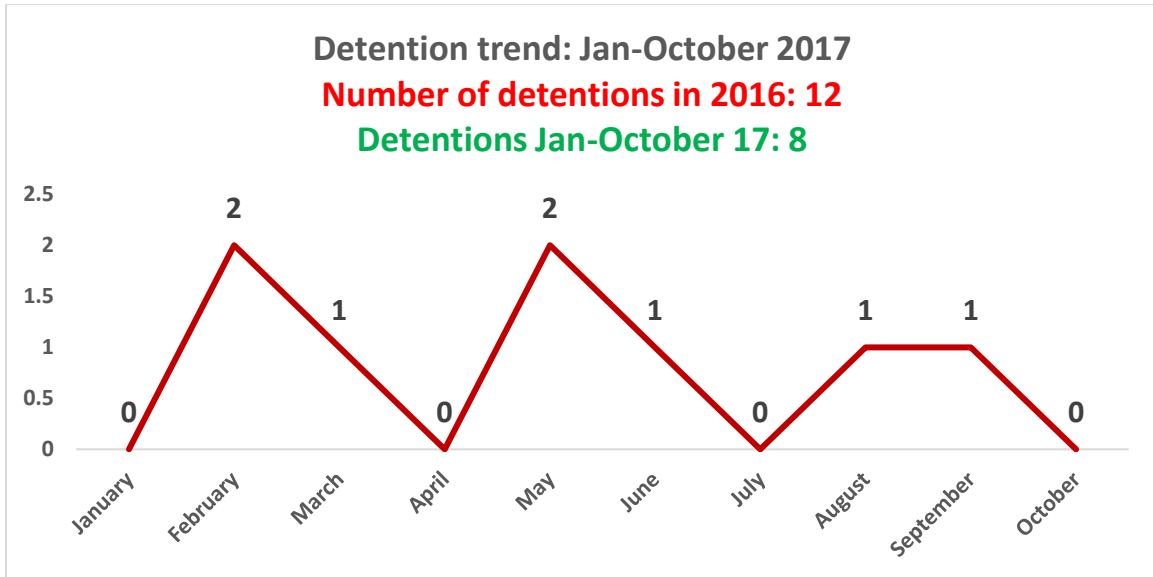


Figure 6: Detention Trends

Regional MOU/PSC Regime	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
All total	17	0	1.29	0.53
IOMOU	1	0	0	1
Paris	1	0	0	1
Riyadh	3	0	0	1
TOKYO	8	0	2.25	0.25
USCG	2	0	0	1
Vina-Del-Mar	2	0	2	0

Table 12: Performance under various PSC regimes

Type of Vessel	Number of Inspections	Number of detentions	Deficiency Index	Nil Deficiency Index
Bulk Carrier	14	0	1.5	0.50
0-5 Years	2	0	0	1.0
5-15 Years	8	0	2.37	0.25
➤ 15 Years	4	0	0.5	0.75
Oil Tanker	3	0	0.33	0.66
5-15 Years	3	0	0.33	0.66

Table 13: Performance based upon ship type and age

Name of Company	Number of Inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
Bernhard Schulte India	1(TOKYO)	0	0	1
Fleet Management	1(RIYADH)	0	0	1
GESCO Ltd.	8(TOKYO: 3; PARIS:1; RIYADH:1; IOMOU:1; USCG:2)	0	0.25	0.75
SCI Ltd.	4(RIYADH:1; TOKYO:3)	0	3.75	0.25
SEAVIE LTD.	1(VINA-DEL- MAR)	0	2	0
TOLANI	2(1: TOKYO; 1: VINA-DEL- MAR)	0	0	1

Table 14: Performance of Indian Ship Operators

Recognized Organization	Number of inspections	Number of detentions	Deficiency Ratio	Nil Deficiency Ratio
IRS/ABS	5	0	0.2	0.8
IRS/BV	1	0	12	0
IRS/DNV, GL, DNV-GL(AS)	3	0	0.66	0.66
IRS/LR	6	0	1.16	0.166
IRS	2	0	0	1

Table 15: Performance of Recognized Organizations

Code	Type	Number (%age of total)	Typical deficiencies
011	Certificates & Documentation (Ship Certificates)	2(9.1%)	MSMD
012	Certificates & Documentation (Crew Certificates)	2(9.1%)	
13		2(9.1%)	AIS test report
021	Structural Conditions	1(4.5%)	Load lines
041	Emergency Systems	1(4.5%)	
061	Cargo Operations including equipment	1(4.5%)	CO2 gas detector
071	Fire Safety	3(13.7)	Fire safety
101	Safety of Navigation	2(9.1%)	Echo sounder, Light, Shapes and signals
111	Life Saving Appliances	5(22.8%)	Operational readiness of life saving appliances
146	Pollution Prevention: Marpol Annex VI	1(4.5%)	
184		2(9.1%)	Medical equipment

Table 16: Break up of deficiencies

Prepared by: Shri Vikrant Rai, Engineer & Ship Surveyor

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

FSI/PSC Inspections per Surveyor

<u>Sr.No</u>	<u>Name of the PSCO</u>	<u>MMD</u>	<u>FSI</u>	<u>PSC</u>	<u>October, 2017</u>	
					FSI	PSC
			Authorization			
1.	Capt S.K.Das DYNA	Chennai	Yes	Yes	NA	NA
2.	Shri A.K.Choudhury	Chennai	Yes	Yes	0	1
3.	Shri Shirish Kumar	Chennai	Yes	Yes	0	4
4.	Captain Tapes h Ghosh NS	Chennai	Yes	Not yet authorized	0	NA
5.	Shri S.S.Murty E&SS	Vizag	Yes	Yes	4	5
6.	Shri Gopikrishna C e&SS	Tuticorin	Yes	Yes	1	3
7.	Shri Ravi Moka SS	Chennai	Yes	Not yet authorized	3	NA
8.	Shri Sajendra Oraon E&SS	Jamnagar	Yes	Yes	NA	NA
9.	Captain A.K.Patel	Kandla	Yes	Yes	5	1
10.	Shri Y Jaisinghania SS	Kochi	Yes	Not yet authorized	1	NA
11.	Shri. P. C. Majhi, E & SS	Mumbai	Yes	Yes	1	0
12.	Shri A.K.Sinha	Port Blair	Yes	Not yet authorized	4	NA
13.	Captain R.Sagar, DYNA	Kolkata	Yes	Not yet authorized	NA	NA
14.	Shri K.M.Rao E&SS	Kolkata	Yes	Not yet authorized	0	NA
15.	Shri S.K.Das, E&SS	Kolkata	Yes	Yes	0	2
16.	Shri U.Rehman	Kolkata	Yes	Yes	2	2
17.	Captain N.Mandal	Paradip	Not yet authorized	Not yet authorized	NA	NA
18.	Shri A.Chaki E&SS	Haldia	Yes	Yes	NA	NA
19.	Shri R.R.Subbarao E&SS	Paradip	Yes	Not yet authorized	3	NA
20.	Shri Nishant SS	Kolkata	Not yet authorized	Not yet authorized	NA	NA
21.	Shri L.Natarajan SS	Mumbai	Yes	Yes	1	0
22.	Shri P.Nair	Kochi	Yes	Yes	0	0
23.	Shri C.S.Kiran E&SS	Kochi	Yes	Yes	1	3
24.	Shri V.V.Paul E&SS	New Mangalore	Yes	Yes	2	8

25.	Captain S.K.Nair NS	Kochi	Not yet authorized	Not yet authorized	NA	NA
26.	Captain A.K.Azad DYNA	Mumbai	Yes	Yes	NA	2
27.	Shri J.Mukhopadhaya E&SS	Mumbai	Yes	Yes	3	2
28.	Shri S.K.Shrivastava E&SS	Mumbai	Yes	Yes	2	2
29.	Shri J.Senthilkumar E&SS	Mumbai	Yes	Yes	3	2
30.	Captain V. Manhas NS	Mumbai	Yes	Not yet authorized	0	NA
31.	Shri A. Srinivasa E&SS	Mumbai	Yes	Not yet authorized	2	NA
32.	Captain Nitin Mukesh NS	Mumbai	YES	Not yet authorized	1	NA
33.	Shri N.Oommen SS	DGS	Not yet authorized	Not yet authorized	NA	NA
34.	Shri Bodhraj E&SS	Marmugao	Yes	Yes	1	3
35.	Shri S.S.Gadkar DYCS	Delhi	Yes	Yes	NA	NA
36.	Captain K.R.Sundaram NS	Delhi	To be re- authorized	To be re- authorized	NA	NA
37.	Shri G.L.Meena E&SS	Delhi	To be re- authorized	To be re- authorized	NA	NA
38.	Captain R.Poswal NS	Delhi	To be authorized	To be authorized	NA	NA
39.	Captain Jayakumar DYNA	DGS	Yes		NA	NA
40.	Captain Muduli DYNA	DGS	Yes		NA	NA
41.	Captain Darokar NS	DGS	To be re-authorized		NA	NA
42.	Shri A.B.Dutta E&SS	DGS	To be re-authorized		NA	NA
43.	Shri S.Kamath E&SS	DGS	To be re-authorized		NA	NA
44.	Shri A.Wankhade E&SS	DGS	To be re-authorized		NA	NA
45.	Shri Gopinandan E&SS	DGS	To be authorized		NA	NA
46.	Shri Vikrant Rai E&SS	DGS	To be re-authorized		NA	NA
47.	Captain Mohit Behl NS	DGS	To be authorized		NA	NA

48.	Captain A.Joseph NS	DGS	To be authorized	NA	NA
49.	Captain P.C.Meena NS	DGS	To be authorized	NA	NA
50.	Captain D.Joseph NS	DGS	To be authorized	NA	NA
51.	Shri S. Pradeep SS	DGS	To be authorized	NA	NA
	Total			40	40

Remarks:

1. Shri Sajendra Oraon and Shri Aniruddha Chaki on study tour.
2. Shri K.M Rao authorized as PSCO on 23-11-2017.