



INDIAN OCEAN MEMORANDUM OF UNDERSTANDING



ANNUAL REPORT

2015



Chairman's Message

It is with great pleasure that I present the Annual Report of the Indian Ocean Memorandum of Understanding (IOMOU) for the year 2015.

On shore, our personal lives have transformed dramatically thanks to smart phones and hand held devices. Similarly seafarers of tomorrow will not be expected to be mere maintenance engineers and navigational officers but a well-rounded skilled professional with an ability to deal with immense amount of data. This off course also comes with a new reality of 'Connected Ships' and 'Internet of Things'.

Accordingly, port State control officers needs to be abreast with the technological advances being made, as such one of the critical aspects of an efficient port State control regime is a regular training program for the port State control officers; and the Expert Mission training modules conducted during the year by the IOMOU provided all the required information in order to prepare and respond properly to port State control inspections. Utmost importance needs to be given for the training of port State control officers by the Maritime Administrations to ensure that they are trained and educated in all relevant procedures in order to continuously enhance their professional knowledge, to improve their ability to evaluate both the standards of safety of ships and the operational proficiency of ships.

Substantial actions have been implemented in relation to the maritime safety and environment protection and these actions have contributed to the improvement of global standards. However, substandard ships still persists and there should be no question of complacency. Inter-regional action and co-operation among the MoUs further tightens the net and brings in harmonisation in the procedures. The IOMOU always strives for harmonization of practices and procedures and same is being achieved through cooperation with the other MoUs and the International Maritime Organization.

At present we have seventeen Authorities as members of the IOMOU; however we continue to place importance on increasing the membership of the IOMOU, in order to ensure harmonization of practices and procedures with respect to the port State control in the Indian Ocean region.

In conclusion, I would like to express my sincere appreciation to our Member States, Observers States and Observer Organization, to provide guidance when needed.

Francois BEAUGRAND



Foreword by the Secretary

It gives me great pleasure to present the seventeenth Annual Report of the Indian Ocean Memorandum of Understanding (IOMOU) for the year ending 31 December 2015.

This annual report summarizes the port State control (PSC) performed by the IOMOU member Authorities based on various ship types, flag States and Recognised Organizations. Apart from general information, this report provides the outcome of the results of PSC inspections undertaken by individual member Authority during the year 2015. In addition, it also includes statistics and analysis on the results of inspections carried out by the member Authorities during the year 2015.

The IOMOU Member Authorities duly realizes the challenges and the role PSC plays in eradicating the substandard shipping, and to face these challenges the IOMOU is committed to enhancing the skills of the port State control officers (PSCO) through consultation and training. PSCO's needs regular specialized training to familiarize themselves with the International Conventions and legislations. The IOMOU Secretariat was able to facilitate training to the PSCOs of the member Authorities, with the support of the Tokyo MoU and the Australian Maritime Safety Authority through the AusAID funding.

The Third Expert Mission on port State control was successfully conducted in Muscat, Sultanate of Oman, in December, 2015. The mission drew experts from Australia, New Zealand and Japan; it helped the PSCOs undergoing the training programme to understand how PSC activities are undertaken in other regimes. I would like to especially thank the Tokyo MoU for the conduct of Expert Mission and New Zealand and Japan for providing experts; and the Australian Maritime Authority for the AusAID funding and experts.

During the year, the IOMOU conducted a PSCO seminar and also Expert Mission on Human Element – MLC 2006, wherein PSCOs apart from IOMOU member Authorities, Black Sea MoU, Caribbean MoU, Med. MoU, Riyadh MoU, Vina del Mar MoU also attended the Expert Mission. The training was well received by the participants.

As part of harmonization, co-operation and exchange of information, the IOMOU Secretariat is represented by the Secretary in the Sub-Committee meeting on the Implementation of IMO Instruments (III) and information on the developments over the past one year and report of analysis of Concentrated Inspection Campaigns is submitted.

In order to promote better understanding of the activities of the organization and to monitor the developments and changes in the industry which could impact the quality of the shipping, a forum with the industry was held during the Committee meeting and is scheduled to be held during the future Committee meetings.

The IOMOU Secretariat continued to serve its member Authorities well during the year, I would like to thank members for their contribution and particularly the port State control officers of the region for their commitment and professionalism.

More information is available on the IOMOU web site: www.iomou.org

Dilip Mehrotra

Table of Contents		Pages	
1.	INTRODUCTION		
	1.1 General	1	
	1.2 List of the Members, Observers & Observers Organisation.	2	
2.	ORGANISATIONAL STRUCTURE		
	2.1 Organisational Structure of the IOMOU	3	
	2.2 IOMOU Secretariat	4	
	2.3 Contact Details	4	
3.	THE COMMITTEE		
	3.1 A description of its work and objectives	5	
4.	TRAINING AND SEMINAR FOR PORT STATE CONTROL	7	
5.	PORT STATE CONTROL DEFICIENCIES	12	
6.	CO-OPERATION WITH OTHER REGIONAL MoUs	13	
7.	IOCS / WEBSITE	14	
8.	STATUS OF RELEVANT INSTRUMENT		
	8.1 Status of Relevant Instrument	15	
	8.2 Status of MARPOL	16	
9.	STATISTICS	17	
10.	PORT STATE CONTROL INSPECTION ACTIVITIES	18	

LIST OF TABLES AND FIGURES		Pages
11.	Table 1 Deficiencies by Type of Ship	19
	Table 2 Deficiencies by Flag	20
	Table 3 Deficiencies by Categories	22
	Table 4 Deficiencies by Recognised Organisation	23
	Table 5 Comparison of Inspections and Deficiencies per Ship Type	24
	Table 6 Comparison of Inspections and Detentions per Ship Type	25
	Table 7 Comparison of Inspections and Detentions per Flag	26
	Table 8 Comparison of Deficiencies by Categories	29
	Table 9 Comparison of Inspections and Detentions per Recognised Organisation	30
	Table 10 Comparison of Inspections and Detentions per Recognised Organisation	32
	Figure 1 Inspection Efforts	34
	Figure 2 Types of Ship Inspected	35
	Figure 3 Percentage of Ship Type with Deficiencies	36
	Figure 4 Percentage of Detention per Ship Type	37
	Figure 5 Percentage of Deficiencies per Flag	38
	Figure 6 Percentage of Detentions per Flag	39
	Figure 7 Deficiency Percentage by Categories	40
	Figure 8 Detention Percentage by Recognised Organisation	41
	Figure 9 Comparison of Inspections per Ship Type	42
	Figure 10 Comparison of Detentions per Ship Type	43
	Figure 11 Summary of three Years Inspections with Deficiencies per Ship Type	44
	Figure 12 Comparison of Detentions per Flag	45
	Figure 13 Summary of three Years Detentions percentage per Flag	46
	Figure 14 Comparison of Deficiencies by Categories	47
	Figure 15 Comparison of Inspections per Recognised Organisation	48
	Figure 16 Comparison of Detentions per Recognised Organisation	49
12.	UNDERPERFORMING SHIP LIST FOR 2015	50
13	REPORT OF CIC ON CREW FAMILIARISATION FOR ENCLOSED SPACE ENTRY	52
14.	PRESENTATION OF MEMBER ADMINISTRATION : MOZAMBIQUE	53

INTRODUCTION

GENERAL

The Memorandum of Understanding on port State control (PSC) in the Indian Ocean region (IOMOU) was finalized on the basis of the first preparatory meeting in India in October 1997 and the second meeting in June 1998 in South Africa. The second meeting was attended by Australia, Bangladesh, Djibouti, Eritrea, Ethiopia, India, Iran, Kenya, Maldives, Mauritius, Mozambique, Myanmar, Oman, Seychelles, South Africa, Sri Lanka, Tanzania and Yemen.

The port State control system aims to verify whether foreign flagged vessels calling at a port of a State, comply with applicable International Maritime Conventions. Each Authority ensures that foreign merchant ships visiting its ports comply with the standards articulated in the relevant Conventions and all amendments thereto in force. In this context, a participating maritime authority regards a ship flying the flag of another member state as a foreign ship too. When vessels are found not to be in substantial compliance with applicable regulations laws or relevant convention requirements, the PSC system imposes actions to ensure they are brought into compliance. Ships to be inspected are selected on the basis of targeting criteria outlined in the Memorandum and a non-discriminatory policy is observed.

Under the Memorandum, each Authority will establish and maintain an effective system of port State control regime. The mission of the IOMOU among maritime authorities responsible for port State control in the Indian Ocean region is to promote the effective implementation of an improved and harmonized system of port State control by uniform application, of relevant International Maritime Organization (IMO)/International Labor Organization (ILO) instruments on ships operating in the region.

This will be accomplished through the establishment and maintenance of a harmonized system of port State control by the member Authorities, and the effective operation of the Committee, the Secretariat and the IOCIS. Of particular importance are the cooperation and the exchange of information between members of the MOU and with other regional port State control regimes.

Following are the relevant instruments on which regional port State control is based:

- The International Convention on Load Lines, 1966.
- The International Convention for the Safety of Life at Sea, 1974 (SOLAS 74).
- The International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto (MARPOL 73/78).
- The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978 (STCW 78).
- The Convention on the International Regulations for Preventing Collisions at Sea, 1972.
- The International Convention on Tonnage Measurement of Ships, 1969.
- The Merchant Shipping (Minimum Standards) Convention, 1976 (ILO Convention No. 147).
- The Maritime Labour Convention, 2006 (MLC, 2006).
- The International Convention on the Control of Harmful Anti-fouling Systems on Ships 2001.
- The International Convention on Civil Liability for Bunkers Pollution Damager, 2001 (Bunkers Convention).
- Protocol of 1992 to amend the International convention on Civil Liability for Oil Pollution Damage, 1969 (CLC Protocol 1992).

MEMBERS, OBSERVERS & OBSERVERS ORGANISATION

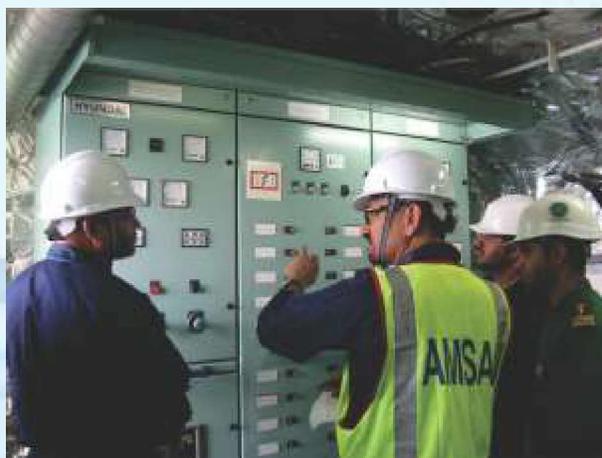
As of December 2015, there are seventeen countries which have become parties to the Memorandum. These are: **Australia, Bangladesh, Comoros, Eritrea, France (La Reunion), India, Iran, Kenya, Maldives, Mauritius, Mozambique, Oman, Sri Lanka, South Africa, Sudan, Tanzania and Yemen.**

The Observer States of the IOMOU are Ethiopia and Madagascar, and the Observer Organizations are Black Sea Memorandum of Understanding, Riyadh Memorandum of Understanding, Tokyo Memorandum of Understanding, West & Central Africa Memorandum of Understanding, the International Maritime Organisation, the International Labour Organization, United States Coast Guard and Equasis

The Committee meetings are attended by the member Authorities as well as Observer States and Organizations.

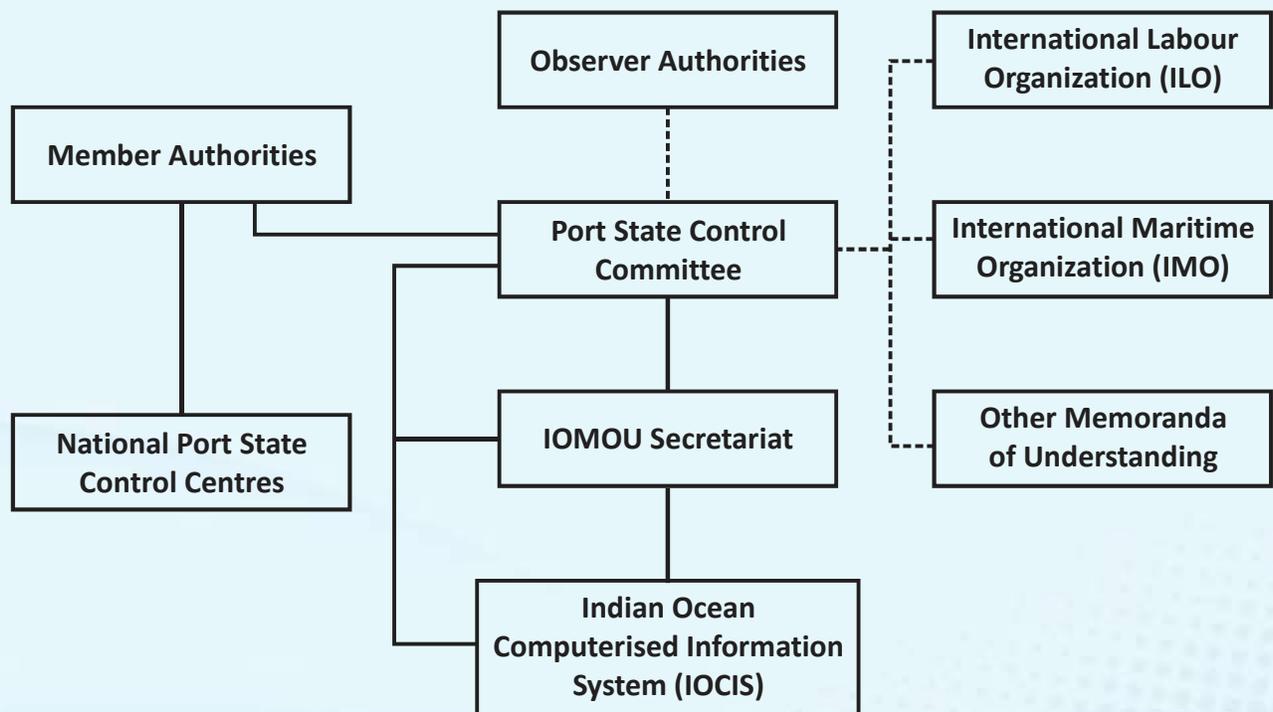


On-board training of PSC officers in Oman during the Third Expert Mission Training.



On-board training of PSC officers in Oman during the Third Expert Mission Training.

ORGANISATIONAL STRUCTURE OF THE IOMOU



IOMOU SECRETARIAT

The Secretariat of the Indian Ocean Memorandum of Understanding is based at Goa in India. The Secretariat is governed by and accountable to the Committee of the IOMOU on Port State Control. It services the Committee meetings and assists the Committee in its activities.

The IOMOU Secretariat is headed by the Secretary, Mr. Dilip Mehrotra, assisted by Office Assistant Ms. Milan Sawant and Data Processor Mrs. Priyanka Sawant.

CONTACT DETAILS

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On-board training of PSC officers in Oman during the Third Expert Mission Training.

THE COMMITTEE

The Indian Ocean Memorandum of Understanding on port State control held its Eighteenth Committee meeting in Mauritius, from 25th to 28th August, 2015. This meeting was hosted by the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping and Outer Islands.

Representatives from the following IOMOU member States and observers attended the meeting: Australia, Bangladesh, France (Reunion Island), India, Islamic Republic of Iran, Kenya, Mauritius, Maldives, Mozambique, Oman, South Africa, Sudan and Tanzania, IOCIS Manager from the National Informatics Centre (NIC) and by the observers of the Madagascar, Black Sea MoU, Paris MoU, Riyadh MoU and United States Coast Guard (USCG).

The member Authorities of Comoros, Eritrea, Sri Lanka and Yemen and the observers of the International Labour Organisation (ILO), the International Maritime Organization (IMO), Tokyo MoU and Equasis were not able to attend.

Mr. Francois BEAUGRAND presided over the Committee meeting as Chairman.



The participants during the Eighteenth Committee Meeting at Mauritius

Important outcomes of the meeting included:

1. The Committee adopted the 2014 Annual Report including the overview of the activities of the IOMOU for the period and the statistics including inspections.

2. The Committee reviewed the achievement status of the adopted Strategic Plan for the IOMOU for the period 2013-18.

3. The Committee finalized a training programme to be jointly organized by the Directorate General of Shipping, International Maritime Organization through Technical Cooperation fund and the IOMOU on the Maritime Labour Convention 2006 in Chennai, India scheduled to be held in November / December, 2015.

4. The Committee agreed to conduct Concentrated Inspection Campaign for Cargo Securing in 2016.

5. The Committee noted that during the year 2015, the Secretariat had not received any case of appeal for the detention review.

6. The IOMOU Ship inspection data retrieval mobile web app was launched on 26.08.2015 by the Chairman. The app provides users with details related to ship inspection, target factor, detention (if any), deficiencies and certificates at a first instance based on input, either with the IMO No. or Ship Name. It also provides link to most recent ship inspections.



Closing session of the Third Seminar for PSC officers
Kolkatta, India



Experts from Australia, Japan and New Zealand
conducted the Third Expert Mission Training
Programme, Oman.

TRAINING AND SEMINARS FOR PORT STATE CONTROL

The Third Seminar for PSC Officers was organised by the IOMOU Secretariat with the help of Australia Maritime Safety Authority (AMSA) under AusAID and AMSA Public Sector Linkages Programme (PSLP) for PSCOs under Indian Ocean Region (IOR). The course was hosted by the Authority of India from 11th to 13th March 2015, at Kolkatta, India



Participants & Experts during the Third Seminar for PSC officers, at Kolkatta, India



On-board training of PSC officers in Oman during the Third Expert Mission Training.



Class training during the Third Seminar for PSC officers, at Kolkatta, India.

Third Expert Mission Training Programme was organised by the IOMOU Secretariat with the help of Australia Maritime Safety Authority (AMSA) under AusAID and AMSA Public Sector Linkages Programme (PSLP) for PSCOs under Indian Ocean Region (IOR) and Tokyo MOU Secretariat. The course was hosted by the Authority of Sultanate of Oman from 06th to 17th December 2015, at Muscat and Sohar, Sultanate of Oman



Inaugural during the Third Expert Mission Training Programme



Class training during the Third Expert Mission Training Programme, at Oman



Class training during the Third Expert Mission Training Programme, at Oman



Expert Mission Training Course On Human Element For Port State Control (PSC) jointly organized by the International Maritime Organization (IMO) in collaboration with the Directorate General of Shipping, Government of India and the Indian Ocean MoU. The course was hosted by the Authority of India from 30th to 04th December 2015, at Chennai.



Experts addressing the PSC officers during the Expert Mission Training Course on Human Element for Port State Control officers.

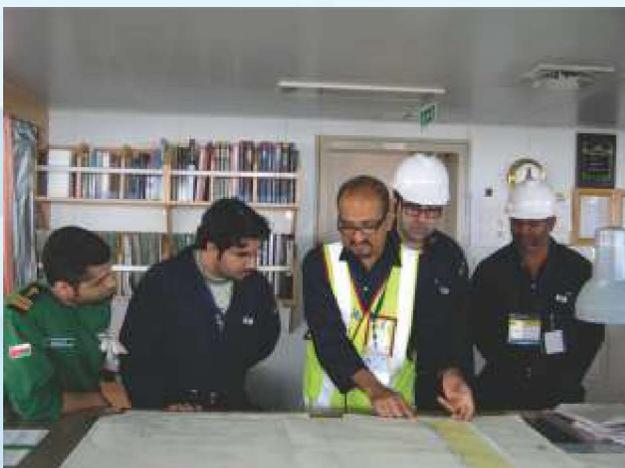
Trainings Sponsored by International Maritime Organization.

One PSCO from Sri Lanka was nominated to attend the Expert training course on port State control jointly organized by the Viña del Mar Agreement and Tokyo MoU, in Callao, Peru, from 16 to 27 March 2015. The training course was sponsored by IMO, hosted by the Vina del Mar Agreement and organized by the Tokyo MoU.

One PSCO from Oman was nominated to attend the 5th General Training Course (GTC5) for PSCOs in Yokohama, Japan. The course was sponsored by the IMO and conducted by the Tokyo MoU from 24 August to 18 September 2015. Also, one PSCO from Sri Lanka nominated by the Secretariat and sponsored from Technical Co-operation Fund.



Vessel undergoing port State control inspection



Experts addressing the PSC officers during the Third Expert Mission Training Programme, at Oman.

PORT STATE CONTROL DEFICIENCIES



Fire Main



Hatch Coaming Crack



Sidelight Blind Off

CO-OPERATION WITH OTHER REGIONAL MoUs

Considering the importance of inter-regional co-operation and harmonization, IOMOU participated in the Concentrated Inspection Campaign (CIC) on Crew familiarization for Enclosed Space Entry jointly with the Paris & Tokyo MoUs in 2015. All the CIC inspections were recorded in the Indian Ocean Computerised Information System (IOCIS) for the information of all interested parties. The Committee has decided to participate in other joint CIC as and when conducted by the Paris & Tokyo MoUs.

The IOMOU realized the need for this co-operation right from its inception and obtained the Observer status with the Tokyo MoU and later with the Paris MoU. It continues to maintain this status by attending their Committee meetings and other activities.

In a similar spirit the IOMOU has granted Observer status to the MoUs as indicated under the list of Observers.

The representatives of the Secretariat attend each other's Committee meetings depending upon their own programmes. During the year the Secretary was invited to attend the following meetings:

Mediterranean MoU
 Abuja MoU
 Tokyo MoU
 Riyadh MoU
 Paris MOU

The Secretary attended the following meeting for the year 2015:

- Second session of the Sub-Committee on Implementation of IMO Instruments (III) held at IMO Headquarters, London from 13 to 17 July 2015.
- 26th meeting of the Tokyo MoU Committee held in Putrajaya, Malaysia from 5 to 8 October 2015.
- 48th meeting of Paris MoU Committee held in Noordwijkerhout, The Netherlands from 18 to 22 May 2015.

IOCIS / WEBSITE

Following enhancement / modification has been made in the IOMOU website / IOCIS:

1. Additional port names have been added in the master database as suggested by the Authority of Oman and Iran.
2. Displaying of IMO Company names as intimated by the Information Handling System (IHS)
3. Recognised Organization's Responsibility have been included in the Inspections and necessary arrangements have been made in reporting forms.
4. The Data clean-up facility is made available to members, for cleaning the historical data.
5. Standardized list of deficiency text also included in IOCIS.

Data exchange agreement between IHS has been renewed with effect from 07.02.2015 by signing the addendum letter. Data exchange with Equasis, IHS and Lloyds List (LLG) is being carried out. Data transfer to the International Maritime Organization (IMO) under GISIS, has commenced successfully on March 2015.

IOCIS and the IOMOU website are maintained by the National Informatics Centre, Government of India. The Secretariat is in continuous contact with the Manager of the IOCIS. More enhancement and modification approved during eighteenth Committee Meeting. The web-site <http://www.iomou.org> is being visited by many to gather information on PSC inspections in the Indian Ocean region. The yearly statistical analysis of the use of the website is as given below:

Month	Hits	Visits	Page views	Kbytes sent
Jan-15	1122282	14063	975452	8287554
Feb-15	1046927	13394	921505	6636366
Mar-15	1024630	13899	903323	12794628
Apr-15	898481	12793	790171	26449772
May-15	841149	13041	722581	33152763
Jun-15	909330	16579	777191	299726126
Jul-15	999141	19408	852108	725383697
Aug-15	927055	17986	811509	224184066
Sep-15	42898	616	38796	9175807
Oct-15	877128	17532	765219	134831042
Nov-15	889905	16171	796773	116554911
Dec-15	923715	16721	826126	121517481
Total	10502641	172203	9180754	1718694213

STATUS OF THE RELEVANT INSTRUMENTS

STATUS OF THE RELEVANT INSTRUMENTS

STATUS OF RELEVANT INSTRUMENT (Date of Deposit of Instruments) As on 31 December 2015

Sr. No.	Authority	Tonnage Convention 69	Loadline Convention 66	Load Line Prot 88	Solas 74	Solas Prot 78	Solas Prot 88	STCW 78	AFS 2001	COLREG 72	Bunkers Convention 2001	CLC PROT 1992	ILO 147 / MLC 2006*
1	Australia	21.05.1982	29.07.1968	07.02.1997	17.08.1983	17.08.1983	07.02.1997	07.11.1983	09.01.2007	29.02.1980	16.03.2009	09.10.1995	21.12.2011
2	Bangladesh	06.11.1981	10.05.1978	18.12.2002	06.11.1981	-	18.12.2002	06.11.1981	-	10.05.1978	-	-	06.11.2014
3	Comoros	22.11.2000	22.11.2000	-	22.11.2000	22.11.2000	-	22.11.2000	-	22.11.2000	-	15.01.2000	-
4	Eritrea	22.04.1996	22.04.1996	04.02.2000	22.04.1996	-	04.02.2000	22.04.1996	-	22.04.1996	-	-	-
5	France	31.10.1980	30.11.1966	05.10.1990	25.05.1977	21.12.1979	28.02.1992	11.07.1980	12.03.2007	10.05.1974	19.10.2010	29.09.1994	02.05.1978/ 28.02.2013
6	India	26.05.1977	19.04.1968	10.08.2000	16.06.1976	03.04.1986	22.08.2000	16.11.1984	24.04.2015	30.05.1973	-	15.11.1999	26.09.1996/ 09.10.2015
7	Iran	28.12.1973	05.10.1973	31.10.2006	17.10.1994	31.08.2000	31.10.2006	01.08.1996	06.04.2011	17.01.1989	21.11.2011	24.10.2007	11.06.2014
8	Kenya	15.12.1992	12.09.1975	-	21.07.1999	07.07.2015	07.07.2015	15.12.1992	07.07.2015	15.12.1992	-	05.02.2000	31.07.2014
9	Maldives	02.06.1983	29.01.1968	-	14.01.1981	-	20.05.2005	22.01.1987	-	14.01.1981	-	20.05.2005	07.10.2014
10	Mauritius	11.10.1988	11.10.1988	17.12.2002	01.02.1988	-	17.12.2002	04.07.1991	-	26.05.1989	17.07.2013	06.12.1999	30.05.2014
11	Mozambique	30.10.1991	30.10.1991	-	23.12.1996	-	-	15.11.1985	-	30.10.1991	-	26.04.2002	-
12	Oman	24.09.1990	20.08.1975	17.06.1991	25.04.1985	25.04.1985	17.06.1991	24.09.1990	-	25.04.1985	-	08.07.1994	-
13	South Africa	24.11.1982	14.12.1966	-	23.05.1980	11.01.1982	-	27.07.1983	02.07.2008	20.12.1976	-	01.10.2004	20.06.2013
14	Sri Lanka	11.03.1992	10.05.1974	-	30.08.1983	-	-	22.01.1987	-	04.01.1978	-	22.01.1999	-
15	Sudan	21.05.2002	26.09.1991	-	15.05.1990	-	-	26.02.1997	-	11.03.2003	-	-	-
16	Tanzania	28.03.2001	28.02.1989	-	28.03.2001	-	-	27.10.1982	-	16.05.2006	-	19.11.2002	-
17	Yemen	06.03.1979	06.03.1979	11.01.2012	06.03.1979	-	11.01.2012	14.02.2005	-	06.03.1979	-	20.11.2006	-
Entry in force date		18.07.1982	21.07.1968	03.02.2000	25.05.1980	01.05.1981	03.02.2000	28.04.1984	17.09.2008	15.07.1977	21.11.2008	30.05.1996	28.11.1981 / 20.08.2013

STATUS OF MARPOL 73/78

(Date of Deposit of Instruments)
As on 31 December 2015

	Authority	Annex I & II	Annex III	Annex IV	Annex V	Annex VI
1	Australia	14.10.1987	10.10.1994	27.02.2004	14.08.1990	07.08.2007
2	Bangladesh	18.12.2002	18.12.2002	18.12.2002	18.12.2002	18.12.2002
3	Comoros	22.11.2000	22.11.2000	22.11.2000	22.11.2000	-
4	Eritrea	-	-	-	-	-
5	France	25.09.1981	25.09.1981	25.09.1981	25.09.1981	15.07.2005
6	India	24.09.1986	11.06.2003	11.06.2003	11.06.2003	23.11.2011
7	Iran	25.10.2002	29.05.2009	29.05.2009	25.10.2002	29.05.2009
8	Kenya	15.12.1992	15.12.1992	15.12.1992	15.12.1992	14.01.2008
9	Maldives	20.05.2005	-	-	20.05.2005	-
10	Mauritius	06.04.1995	06.04.1995	06.04.1995	06.04.1995	-
11	Mozambique	09.11.2005	09.11.2005	09.11.2005	09.11.2005	-
12	Oman	13.03.1984	13.03.1984	13.03.1984	13.03.1984	-
13	South Africa	28.11.1984	05.02.1997	17.09.2015	13.05.1992	17.09.2015
14	Sri Lanka	24.06.1997	24.06.1997	24.06.1997	24.06.1997	-
15	Sudan	-	21.01.2015	21.01.2015	21.01.2015	-
16	Tanzania	23.07.2008	23.07.2008	23.07.2008	23.07.2008	-
17	Yemen	-	-	-	-	-
Entry into force date		02.10.1983	01.07.1992	27.09.2003	31.12.1988	19.05.2005

STATISTICS

A total of 6253 inspections were carried out in 2015. Out of these 6253 inspections, 3374 inspections had deficiencies and the total numbers of deficiencies were 14907.

Serious deficiencies noted by PSCOs led to the detention of 350 ships. The detentions allow for the rectification of the serious deficiencies prior to the ships departure; the overall detention percentage for the year is 5.60%. **There is increase in total number of inspections in 2015, compared with those in 2014; whereas, the detention percentage decreased from 6.26% recorded in 2014.**

The average number of deficiencies per inspection in 2015 (2.38) has slightly decreased compared to the previous year (2.78).

The information given in the following tables and charts represents the port State control activities of Australia, Bangladesh, France, India, Iran, Kenya, Maldives, Mauritius, Oman, Sri Lanka, South Africa, Sudan, & Yemen. The rest of the member Authorities are trying to overcome the difficulties in carrying out their PSC Inspection activities.

It should be noted that Australia, is a member of both the Tokyo MoU and the Indian Ocean MOU. South Africa is a member of the Abuja MoU and Indian Ocean MOU, Oman is the member of Riyadh MoU and the Indian Ocean MOU. Each record their PSC data with both MoUs and so when considering a world picture of statistics, this duplication of data should be taken into account¹.

A joint CIC on Crew Familiarisation for Enclosed Space Entry was held jointly with the Paris and the Tokyo MoUs in 2015. The consolidated report on CIC activities in the Indian Ocean region is provided in this Annual Report.

PORT STATE CONTROL INSPECTION ACTIVITIES

STATISTICS FOR 2015

PORT STATE CONTROL INSPECTIONS CARRIED OUT BY AUTHORITIES

Australia ¹	4050	2262	9484	242	5.98
Bangladesh	56	44	286	3	5.36
France	44	21	91	1	2.27
India	660	539	2684	44	6.67
Iran	482	273	1425	48	9.96
Kenya	456	95	299	1	0.22
Maldives	2	2	5	0	0.00
Mauritius	1	0	0	0	0.00
Oman ¹	167	74	352	3	1.80
South Africa ¹	282	51	208	7	2.48
Sri Lanka	7	6	51	1	14.29
Sudan	17	2	5	0	0.00
Yemen	29	5	17	0	0.00

¹ See comment on page 17 regarding Australia, South Africa, and Oman regarding data duplication between IOMOU and Tokyo, Abuja and Riyadh MoUs.

Deficiencies by Type of Ship

Table: 1.

Type of Ship	Number of Inspections	Number of Inspections with Deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage	Percentage of Inspections with Deficiencies
Bulk Carrier	3401	1940	8074	168	4.94	57.04
Chemical Tanker	377	181	836	14	3.71	48.01
Container Ship	664	339	1578	43	6.48	51.05
Gas Carrier	119	45	132	4	3.36	37.82
General Cargo / Multipurpose ship	470	290	1382	39	8.30	61.7
Heavy Load Carrier	48	23	97	3	6.25	47.92
Livestock Carrier	52	33	140	4	7.69	63.46
MODU or FPSO	7	5	52	2	28.57	71.43
NLS Tanker *	24	14	76	3	12.50	58.33
Offshore Service Vessel	63	34	292	15	23.81	53.97
Oil Tanker	339	137	703	23	6.78	40.41
Other Types of Ship	38	25	169	3	7.89	65.79
Passenger Ship	57	37	117	1	1.75	64.91
Refrigerated Cargo Carrier	44	20	99	2	4.55	45.45
Ro -Ro Cargo Ship	38	25	131	2	5.26	65.79
Ro -Ro Passenger Ship	1	1	2	0	0.00	100.00
Special Purpose Ship	21	11	59	3	14.29	52.38
Tugboat	92	57	297	6	6.52	61.96
Vehicle Carrier	325	108	470	9	2.77	33.23
Woodchip Carrier	73	49	201	6	8.22	67.12
Total	6253	3374	14907	350		

* Earlier known to be Tanker not otherwise specified.

Deficiencies by Flag

Table: 2.

Antigua and Barbuda	125	83	396	15	12.00
Bahamas	218	111	367	7	3.21
Bangladesh	8	7	46	2	25.00
Barbados	5	1	2	0	0.00
Belgium	11	4	9	0	0.00
Belize	8	8	86	3	37.50
Bermuda (UK)	31	17	44	0	0.00
Cambodia	3	3	32	1	33.33
Cayman Islands (UK)	35	12	48	2	5.71
China	153	73	207	3	1.96
Comoros	7	5	72	2	28.57
Congo, Democratic Republic	1	1	14	1	100.00
Cook Islands	11	10	51	3	27.27
Croatia	5	2	5	0	0.00
Curacao (NL)*	4	0	0	0	0.00
Cyprus	136	81	340	9	6.62
Denmark	31	10	25	0	0.00
Dominica	2	2	11	0	0.00
Estonia	1	0	0	0	0.00
Ethiopia	2	0	0	0	0.00
France	6	2	3	0	0.00
Germany	6	1	1	0	0.00
Gibraltar (UK)	22	10	42	2	9.09
Greece	110	49	188	4	3.64
Hong Kong, China	699	365	1426	30	4.29
India	24	16	57	2	8.33
Indonesia	15	14	107	4	26.67
Iran	10	5	26	0	0.00
Israel	2	1	3	0	0.00
Isle of Man (UK)	77	26	66	2	2.60
Italy	43	19	91	3	6.98
Japan	89	49	117	2	2.25
Kiribati	1	1	3	0	0.00
Korea, Republic of	117	72	387	13	11.11
Kuwait	7	4	13	0	0.00
Liberia	604	304	1311	45	7.45

* Flag Netherland Antilles Changed to Curacao with effect from 10.10.2010.

Deficiencies by Flag

Table 2. (Contd.)

Lithuania	2	2	17	0	0.00
Luxembourg	2	1	2	0	0.00
Malaysia	11	6	29	0	0.00
Malta	310	172	703	20	6.45
Maldives	1	1	15	1	100.00
Marshall Islands	575	282	1144	20	3.48
Mauritius	1	0	0	0	0.00
Moldova	1	1	17	1	100.00
Mongolia	5	3	23	1	20.00
Myanmar	1	1	4	0	0.00
Netherlands	47	16	51	0	0.00
New Zealand	7	5	25	1	14.29
Norway	81	29	122	0	0.00
Pakistan	1	1	18	1	100.00
Palau	5	5	68	3	60.00
Panama	1568	927	4418	92	5.87
Papua New Guinea	8	8	53	1	12.50
Philippines	44	29	88	1	2.27
Portugal	17	9	36	0	0.00
Qatar	1	1	3	0	0.00
Russian Federation	2	1	1	0	0.00
Saint Kitts and Nevis	11	11	132	7	63.64
Saint Vincent and the Grenadines	44	37	204	5	11.36
Samoa	1	1	17	1	100.00
Saudi Arabia	7	3	15	1	14.29
Solomon Islands	4	2	24	1	25.00
Sierra Leone	3	2	6	0	0.00
Singapore	628	305	1342	22	3.50
Sri Lanka	3	2	10	0	0.00
Sweden	12	2	6	0	0.00
Switzerland	12	7	19	0	0.00
Taiwan, China	24	15	69	0	0.00
Tanzania	5	4	56	2	40.00
Thailand	19	13	70	1	5.26
Togo	5	3	15	1	20.00
Tunisia	1	0	0	0	0.00
Turkey	21	10	39	0	0.00
Tuvalu	13	8	32	0	0.00
United Arab Emirates	3	2	18	1	33.33
United Kingdom	42	21	62	1	2.38
United States of America	15	6	39	1	6.67
Vanuatu	14	11	52	0	0.00
Viet Nam	47	41	247	9	19.15

Table: 3.

Code	Nature Of Deficiencies	Number of Deficiencies	Percentage
011	Certificate & Documentation - Ship Certificates	356	2.39
012	Certificate & Documentation - Crew Certificates	243	1.63
013	Certificate & Documentation - Documents	709	4.76
021	Structural Conditions	479	3.21
031	Water / Weathertight conditions	778	5.22
041	Emergency Systems	846	5.68
051	Radio Communications	529	3.55
061	Cargo operations including equipment	193	1.29
071	Fire safety	2057	13.80
081	Alarms	135	0.91
091	Living Conditions	128	0.86
092	Working Conditions	629	4.21
101	Safety of Navigation	2255	15.13
111	Life saving appliances	1493	10.02
121	Dangerous goods	43	0.29
131	Propulsion and auxiliary machinery	737	4.94
141	Pollution prevention - Marpol Annex I	368	2.47
144	Pollution prevention - Marpol Annex IV	319	2.14
145	Pollution prevention - Marpol Annex V	197	1.32
146	Pollution prevention - Marpol Annex VI	84	0.56
147	Pollution Prevention - Anti Fouling	1	0.01
151	ISM	630	4.23
161	ISPS	114	0.76
181	Minimum requirements for seafarers	17	0.11
182	Labour Conditions - Conditions of employment	210	1.41
183	Accommodation recreational facilities F and C	483	3.24
184	Health protection, medical care, social security	700	4.70
991	Other	174	1.17
	Total	14907	

Deficiencies by Recognised Organisation

Table: 4.

Recognised Organisation	Abbreviation	Number of Inspections	Number of Inspections with Deficiencies	Number of Detentions*	Detention Percentage
American Bureau of Shipping	ABS	640	317	28	4.38
American Register of Shipping	AMRS	3	2	1	33.33
Asia Classification Society	ACS	2	2	0	0.00
Indonesian Classification Bureau	BKI	1	1	0	0.00
Bureau Veritas	BV	652	368	39	5.98
China Classification Society	CCS	376	184	9	2.39
CR Classification Society	CRCS	6	4	0	0.00
Croatian Register of Shipping	CRS	6	3	0	0.00
Det Norske Veritas	DNV	157	63	4	2.55
DNV GL AS	DNVGL	690	401	61	8.84
Dromon Bureau of Shipping	DBS	1	0	0	0.00
Germanischer Lloyd	GL	213	91	5	2.35
Global Marine Bureau Inc	GMB	3	3	2	66.67
Indian Register of Shipping	IRS	18	13	2	11.11
Intermaritime Certification Services S.A	ICS	1	0	0	0.00
International Naval Surveys Bureau	INSB	7	5	2	28.57
International Register of Shipping	IS	9	9	7	77.78
International Ship Classification	ISC	1	1	0	0.00
Iranian Classification Society	IRCS	7	3	0	0.00
Isthmus Bureau of Shipping, S.A	IBS	1	1	0	0.00
Korean Register of Shipping	KRS	391	205	19	4.86
Lloyd's Register	LR	803	390	28	3.49
Maritime Bureau of Shipping	MBS	2	2	2	100.00
National Shipping Adjusters Inc	NASHA	1	1	0	0.00
Nippon Kaiji Kyokai	NKK	2050	1152	110	5.37
No Class	NOCL	14	12	5	35.71
Other **	OTHER	3	2	1	33.33
Overseas Marine Certification Services, Inc.	OMCS	4	4	0	0.00
Panama Maritime Documentation Services	PMDS	3	3	3	100.00
Panama Register Corporation	PRC	2	1	0	0.00
Phoenix Register of Shipping S.A.	PHRS	2	2	2	100.00
Polski Rejestr Statkow	PRS	9	7	5	55.56
Registro Italiano Navale	RINA	131	86	7	5.34
Russian Maritime Register of Shipping	RMRS	8	3	0	0.00
SingClass International Pte Ltd.	SCI	2	1	1	50.00
Turkish Lloyd	TL	1	1	0	0.00
Viet Nam Register	VR	32	30	6	18.75
Withdrawn	CW	1	1	1	100.00
Total		6253	3374	350	

Note: *Deficiencies for which a ship is detained may not necessarily be related to the matters covered by the certificates issued by the Recognised Organisation.

**Inspection classed with Intertek Maritime Bureau, Qualitas Register of Shipping, Scandinavian Register of Shipping. Etc. are included in this RO.

Comparison of Inspections and Deficiencies per Ship Type

Table: 5.

Type of Ship	Number of Inspections				Number of Inspection with Deficiencies				3 - year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
Bulk Carrier	2766	3188	3401	9355	1586	1936	1940	5462	58.39
Chemical Tanker	315	334	377	1026	154	162	181	497	48.44
Combination Carrier	0	3	0	3	0	1	0	1	33.33
Container Ship	566	731	664	1961	281	331	339	951	48.50
Gas Carrier	75	80	119	274	36	34	45	115	41.97
General Cargo / Multipurpose Ship	572	539	470	1581	392	387	290	1069	67.62
Heavy Load Carrier	60	55	48	163	36	34	23	93	57.06
High Speed Passenger Craft	1	2	0	3	1	2	0	3	100.00
Livestock Carrier	44	73	52	169	40	64	33	137	81.07
MODU & FPSO	0	3	7	10	0	1	5	6	60.00
NLS Tanker*	15	26	24	65	8	13	14	35	53.85
Offshore Service Vessel	49	62	63	174	29	32	34	95	54.60
Oil Tanker	323	362	339	1024	137	142	137	416	40.63
Other Type of Ship	42	56	38	136	32	43	25	100	73.53
Passenger Ship	49	44	57	150	27	29	37	93	62.00
Refrigerated Cargo Carrier	28	32	44	104	14	13	20	47	45.19
Ro - Ro Cargo Ship	103	98	38	239	35	27	25	87	36.40
Ro - Ro Passenger Ship	3	10	1	14	3	5	1	9	64.29
Special Purpose Ship	6	8	21	35	4	6	11	21	60.00
Tugboat	63	91	92	246	40	66	57	163	66.26
Vehicle Carrier	186	205	325	716	77	100	108	285	39.80
Woodchip Carrier	54	57	73	184	29	41	49	119	64.67
Total	5320	6059	6253	17632	2961	3469	3374	9804	55.60

* Earlier known to be Tanker not otherwise specified.

Comparison of Inspections and Detentions per Ship Type

Table: 6.

Type of Ship	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
Bulk Carrier	2766	3188	3401	9355	185	191	168	544	5.82
Chemical Tanker	315	334	377	1026	13	10	14	37	3.61
Combination Carrier	0	3	0	3	0	0	0	0	0.00
Container Ship	566	731	664	1961	38	38	43	119	6.07
Gas Carrier	75	80	119	274	4	3	4	11	4.01
General Cargo / Multipurpose Ship	572	539	470	1581	61	61	39	161	10.18
Heavy Load Carrier	60	55	48	163	5	4	3	12	7.36
High Speed Passenger Craft	1	2	0	3	0	0	0	0	0.00
Livestock Carrier	44	73	52	169	5	7	4	16	9.47
MODU & FPSO	0	3	7	10	0	1	2	3	30.00
NLS Tanker*	15	26	24	65	2	1	3	6	9.23
Offshore Service Vessel	49	62	63	174	10	7	15	32	18.39
Oil Tanker	323	362	339	1024	19	13	23	55	5.37
Other Types of Ship	42	56	38	136	6	11	3	20	14.71
Passenger Ship	49	44	57	150	1	3	1	5	3.33
Refrigerated Cargo Carrier	28	32	44	104	3	1	2	6	5.77
Ro - Ro Cargo Ship	103	98	38	239	8	5	2	15	6.28
Ro - Ro Passenger Ship	3	10	1	14	2	0	0	2	14.29
Special Purpose Ship	6	8	21	35	1	0	3	4	11.43
Tugboat	63	91	92	246	3	12	6	21	8.54
Vehicle Carrier	186	205	325	716	7	9	9	25	3.49
Woodchip Carrier	54	57	73	184	3	2	6	11	5.98
Total	5320	6059	6253	17632	376	379	350	1105	6.27

* Earlier known to be Tanker Not Otherwise Specified.

Comparison of Inspections and Detentions per Flag

Table: 7.

Flag	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
Antigua and Barbuda	131	126	125	382	14	17	15	46	12.04
Bahamas	199	198	218	615	9	12	7	28	4.55
Bangladesh	20	19	8	47	6	6	2	14	29.79
Barbados	6	9	5	20	0	2	0	2	10.00
Belgium	13	7	11	31	0	0	0	0	0.00
Belize	12	19	8	39	2	4	3	9	23.08
Bermuda (UK)	17	16	31	64	0	0	0	0	0.00
Bolivia	0	2	0	2	0	0	0	0	0.00
Brazil	1	0	0	1	0	0	0	0	0.00
Cambodia	2	4	3	9	0	1	1	2	22.22
Cayman Islands (UK)	37	31	35	103	1	0	2	3	2.91
China	145	157	153	455	3	2	3	8	1.76
Comoros	5	2	7	14	1	0	2	3	21.43
Congo, Democratic Rep. of	0	0	1	1	0	0	1	1	100.00
Cook Islands	6	9	11	26	0	1	3	4	15.38
Croatia	11	5	5	21	0	0	0	0	0.00
Curacao (NL)	2	3	4	9	0	0	0	0	0.00
Cyprus	108	131	136	375	7	10	9	26	6.93
Denmark	13	34	31	78	1	1	0	2	2.56
Dominica	5	4	2	11	0	2	0	2	18.18
Egypt	4	8	0	12	1	1	0	2	16.67
Estonia	0	2	1	3	0	1	0	1	33.33
Ethiopia	3	3	2	8	0	0	0	0	0.00
France	4	5	6	15	0	0	0	0	0.00
Germany	23	12	6	41	4	0	0	4	9.76
Gibraltar (UK)	31	25	22	78	1	0	2	3	3.85
Greece	95	101	110	306	9	11	4	24	7.84
Hong Kong, China	563	669	699	1931	24	22	30	76	3.94
Honduras	0	1	0	1	0	1	0	1	100.00
India	23	21	24	68	1	1	2	4	5.88
Indonesia	11	17	15	43	4	10	4	18	41.86
Iran	6	9	10	25	2	2	0	4	16.00
Isle of Man (UK)	69	86	77	232	3	2	2	7	3.02
Israel	1	0	2	3	0	0	0	0	0.00
Italy	62	40	43	145	5	1	3	9	6.21
Jamaica	0	1	0	1	0	1	0	1	100.00
Japan	59	73	89	221	5	2	2	9	4.07
Jordan	0	4	0	4	0	1	0	1	25.00

Comparison of Inspections and Detentions per Flag

Table: 7. (Contd.)

Flag	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
Kiribati	2	1	1	4	0	0	0	0	0.00
Korea, Democratic People's Republic	0	3	0	3	0	0	0	0	0.00
Korea, Republic of	88	88	117	293	2	4	13	19	6.48
Kuwait	5	5	7	17	1	0	0	1	5.88
Liberia	526	652	604	1782	37	38	45	120	6.73
Libya	0	1	0	1	0	0	0	0	0.00
Lithuania	0	1	2	3	0	0	0	0	0.00
Luxembourg	8	12	2	22	0	1	0	1	4.55
Madagascar	1	0	0	1	1	0	0	1	100.00
Malaysia	11	19	11	41	1	2	0	3	7.32
Maldives	0	2	1	3	0	1	1	2	66.67
Malta	235	302	310	847	18	15	20	53	6.26
Marshall Islands	383	517	575	1475	25	21	20	66	4.47
Mauritius	1	4	1	6	0	0	0	0	0.00
Moldova	3	8	1	12	3	2	1	6	50.00
Mongolia	5	4	5	14	2	2	1	5	35.71
Montenegro	2	1	0	3	0	0	0	0	0.00
Myanmar	3	2	1	6	0	0	0	0	0.00
Netherlands	64	46	47	157	5	0	0	5	3.18
New Zealand	1	2	7	10	0	0	1	1	10.00
Nigeria	1	0	0	1	1	0	0	1	100.00
Norway	72	76	81	229	1	2	0	3	1.31
Pakistan	1	1	1	3	0	0	1	1	33.33
Palau	0	3	5	8	0	2	3	5	62.50
Panama	1355	1492	1568	4415	96	109	92	297	6.73
Papua New Guinea	14	8	8	30	2	2	1	5	16.67
Philippines	45	50	44	139	3	3	1	7	5.04
Portugal	3	9	17	29	1	1	0	2	6.90
Qatar	2	3	1	6	1	1	0	2	33.33
Russian Federation	2	0	2	4	0	0	0	0	0.00
Saint Kitts and Nevis	12	7	11	30	9	4	7	20	66.67
Saint Vincent and the Grenadines	62	46	44	152	10	2	5	17	11.18
Samoa	1	2	1	4	0	0	1	1	25.00
Saudi Arabia	3	14	7	24	0	0	1	1	4.17
Seychelles	1	0	0	1	0	0	0	0	0.00
Ships registration withdrawn	1	0	0	1	0	0	0	0	0.00
Sierra Leone	8	9	3	20	3	4	0	7	35.00
Singapore	447	562	628	1637	17	23	22	62	3.79
Solomon Islands	1	0	4	5	0	0	1	1	20.00

Comparison of Inspections and Detentions per Flag

Table: 7. (Contd.)

Flag	Number of Inspections				Number of Detention				3-year average percent age
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
Sri Lanka	1	1	3	5	0	1	0	1	20.00
Sweden	9	9	12	30	1	1	0	2	6.67
Switzerland	6	13	12	31	1	1	0	2	6.45
Taiwan, China	14	14	24	52	1	0	0	1	1.92
Tanzania	26	19	5	50	9	7	2	18	36.00
Thailand	20	19	19	58	3	0	1	4	6.90
Tunisia	0	0	1	1	0	0	0	0	0.00
Togo	7	17	5	29	3	1	1	5	17.24
Tonga	1	2	0	3	1	0	0	1	33.33
Turkey	28	26	21	75	2	1	0	3	4.00
Tuvalu	17	17	13	47	3	3	0	6	12.77
United Arab Emirates (UAE)	4	4	3	11	2	1	1	4	36.36
United Kingdom	61	43	42	146	1	3	1	5	3.42
United States	7	13	15	35	0	0	1	1	2.86
Vanuatu	19	21	14	54	1	2	0	3	5.56
Viet Nam	44	36	47	127	6	5	9	20	15.75
Total	5320	6059	6253	17632	376	379	350	1105	

Comparison of Deficiencies by Categories

Table: 8.

Code	Nature of Deficiencies	Number of Deficiencies		
		YEAR		
		2013	2014	2015
011	Certificate & Documentation - Ship Certificates	324	415	356
012	Certificate & Documentation - Crew Certificates	230	324	243
013	Certificate & Documentation - Documents	676	831	709
021	Structural Conditions	513	453	479
031	Water/Weathertight conditions	697	888	778
041	Emergency Systems	699	878	846
051	Radio Communications	620	665	529
061	Cargo operations including equipment	146	201	193
071	Fire safety	2049	2474	2057
081	Alarms	154	139	135
091	Living Conditions	264	167	128
092	Working Conditions	1138	916	629
101	Safety of Navigation	2174	2626	2255
111	Life saving appliances	1452	1710	1493
121	Dangerous goods	16	20	43
131	Propulsion and auxiliary machinery	699	801	737
141	Pollution prevention - Marpol Annex I	291	283	368
142	Pollution prevention - Marpol Ann ex II	2	0	0
143	Pollution prevention - Marpol Annex III	3	10	0
144	Pollution prevention - Marpol Annex IV	205	293	319
145	Pollution prevention - Marpol Annex V	247	204	197
146	Pollution prevention - Marpol Annex VI	58	110	84
147	Pollution Prevention - Anti Fouling	0	0	1
151	ISM	707	766	630
161	ISPS	30	82	114
181	Minimum requirements for seafarers	13	31	17
182	Labour Conditions - Conditions of employment	30	188	210
183	Accommodation recreational facilities F and C	127	563	483
184	Health protection, medical care, social security	29	533	700
991	Other	184	285	174
	Total	13777	16856	14907

Comparison of Inspections and Deficiencies per Recognised Organisation

Table: 9.

Recognised Organisation	Number of Inspections				Number of Inspections with Deficiencies				3 - year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
American Bureau of Shipping	511	602	640	1753	247	317	317	881	50.26
American Register of Shipping	0	3	3	6	0	1	2	3	50.00
Asia Classification Society	0	2	2	4	0	2	2	4	100.00
Belize Maritime Bureau Inc	1	0	0	1	1	0	0	1	100.00
Indonesia Classification Bureau	2	2	1	5	2	2	1	5	100.00
Bureau Securitas	1	0	0	1	0	0	0	0	0.00
Bureau Veritas	560	658	652	1870	346	418	368	1132	60.53
Caspian Register of Shipping	1	3	0	4	1	0	0	1	25.00
China Classification Society	343	367	376	1086	178	202	184	564	51.93
C R Classification Society	6	6	6	18	2	4	4	10	55.56
Columbus American Register	0	2	0	2	0	1	0	1	50.00
Croatian Register of Shipping	7	3	6	16	2	1	3	6	37.50
Det Norske Veritas	421	285	157	863	196	122	63	381	44.15
DNV GL AS	0	467	690	1157	0	288	401	689	59.55
Dromon Bureau of Shipping	3	10	1	14	3	7	0	10	71.43
Germanischer Lloyd	547	378	213	1138	309	163	91	563	49.47
Global Marine Bureau Inc.	0	0	3	3	0	0	3	3	100.00
Indian Register of Shipping	22	18	18	58	14	11	13	38	65.52
Inspeccion y Clasificacion Maritima	1	0	0	1	1	0	0	1	100.00
Intermaritime Certification Services S.A.	1	1	1	3	1	1	0	2	66.67
International Naval Surveys Bureau	9	9	7	25	9	6	5	20	80.00
International Register of Shipping	19	14	9	42	18	13	9	40	95.24
International Ship Classification	2	0	1	3	2	0	1	3	100.00
Iranian Classification Society	5	5	7	17	3	3	3	9	52.94
Isthmus Bureau of Shipping, S.A	2	3	1	6	1	3	1	5	83.33
Korea Classification Society	0	3	0	3	0	3	0	3	100.00
Korean Register of Shipping	283	337	391	1011	151	199	205	555	54.90
Lloyd's Register	679	770	803	2252	351	436	390	1177	52.26
Macosnar Corporation Society	0	1	0	1	0	1	0	1	100.00
Maritime Bureau of Shipping	2	7	2	11	2	6	2	10	90.91
Maritime Lloyd Ltd., Georgia	0	1	0	1	0	1	0	1	100.00
National Shipping Adjusters Inc	0	1	1	2	0	1	1	2	100.00
Nippon Kaiji Kyokai	1642	1858	2050	5550	942	1097	1152	3191	57.50
NV Unitas	3	0	0	3	1	0	0	1	33.33

Comparison of Inspections and Deficiencies per Recognised Organisation

Table: 9 (Contd.)

Recognised Organisation	Number of Inspections				Number of Inspections with Deficiencies				3-year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
Overseas Marine Certification Service, Inc.	0	1	4	5	0	1	4	5	100.00
Panama Maritime Documentation Services	0	3	3	6	0	3	3	6	100.00
Panama Register Corporation	1	1	2	4	1	0	1	2	50.00
Panama Shipping Registrar Inc	1	0	0	1	1	0	0	1	100.00
Phoenix Register of Shipping S. A.	0	1	2	3	0	1	2	3	100.00
Polski Rejestr Statkow	3	7	9	19	2	6	7	15	78.95
Registro Italiano Navale	154	155	131	440	99	88	86	273	62.05
Russian Maritime Register of Shipping	24	15	8	47	21	5	3	29	61.70
Ship Classification Society of Malaysia	0	1	0	1	0	1	0	1	100.00
Sing Class International Pte Ltd.	0	1	2	3	0	1	1	2	66.67
Turkish Lloyd	1	1	1	3	0	0	1	1	33.33
Venezuelan Register of Shipping	0	2	0	2	0	2	0	2	100.00
Viet Nam Register	39	34	32	105	36	34	30	100	95.24
No Class	6	3	14	23	2	2	12	16	69.57
Other	18	18	3	39	16	16	2	34	87.18
Withdrawn	0	0	1	1	0	0	1	1	100.00
Total	5320	6059	6253	17632	2961	3469	3374	9804	

Comparison of Inspections and Detentions per Recognised Organisation

Table: 10.

Recognised Organisation	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
American Bureau of Shipping	511	602	640	1753	33	27	28	88	5.02
American Register of Shipping	0	3	3	6	0	0	1	1	16.67
Asia Classification Society	0	2	2	4	0	2	0	2	50.00
Biro Klasifikasi Indonesia	2	2	1	5	1	1	0	2	40.00
Belize Maritime Bureau Inc	1	0	0	1	0	0	0	0	0.00
Bereau Securitas	1	0	0	1	0	0	0	0	0.00
Bureau Veritas	560	658	652	1870	47	49	39	135	7.22
Caspian Register of Shipping	1	3	0	4	0	0	0	0	0.00
China Classification Society	343	367	376	1086	10	12	9	31	2.85
C R Classification Society	6	6	6	18	0	0	0	0	0.00
Columbus American Register	0	2	0	2	0	0	0	0	0.00
Croatian Register of Shipping	7	3	6	16	0	0	0	0	0.00
Det Norske Veritas	421	285	157	863	14	11	4	29	3.36
DNV GL AS	0	467	690	1157	0	48	61	109	9.42
Dromon Bureau of Shipping	3	10	1	14	3	1	0	4	28.57
Germanischer Lloyd	547	378	213	1138	49	19	5	73	6.41
Global Marine Bureau Inc.	0	0	3	3	0	0	2	2	66.67
Indian Register of Shipping	22	18	18	58	3	2	2	7	12.07
Inspeccion y Clasificacion Maritima	1	0	0	1	1	0	0	1	100.00
Intermaritime Certification Services S.A.	1	1	1	3	0	1	0	1	33.33
International Register of Shipping	19	14	9	42	9	8	7	24	57.14
International Naval Surveys Bureau	9	9	7	25	4	2	2	8	32.00
International Ship Classification	2	0	1	3	1	0	0	1	33.33
Iranian Classification Society	5	5	7	17	2	0	0	2	11.76
Isthmus Bureau of Shipping, S.A	2	3	1	6	1	1	0	2	33.33
Korea Classification Society	0	3	0	3	0	0	0	0	0.00
Korean Register of Shipping	283	337	391	1011	11	15	19	45	4.45
Lloyd's Register	679	770	803	2252	42	40	28	110	4.88
Macosnar Corporation	0	1	0	1	0	1	0	1	100.00
Maritime Bureau of Shipping	2	7	2	11	2	2	2	6	54.55
Maritime Lloyd Ltd., Georgia	0	1	0	1	0	0	0	0	0.00
National Shipping Adjusters Inc	0	1	1	2	0	1	0	1	50.00
Nippon Kaiji Kyokai	1642	1858	2050	5550	106	108	110	324	5.84
NV Unitas	3	0	0	3	1	0	0	1	33.33

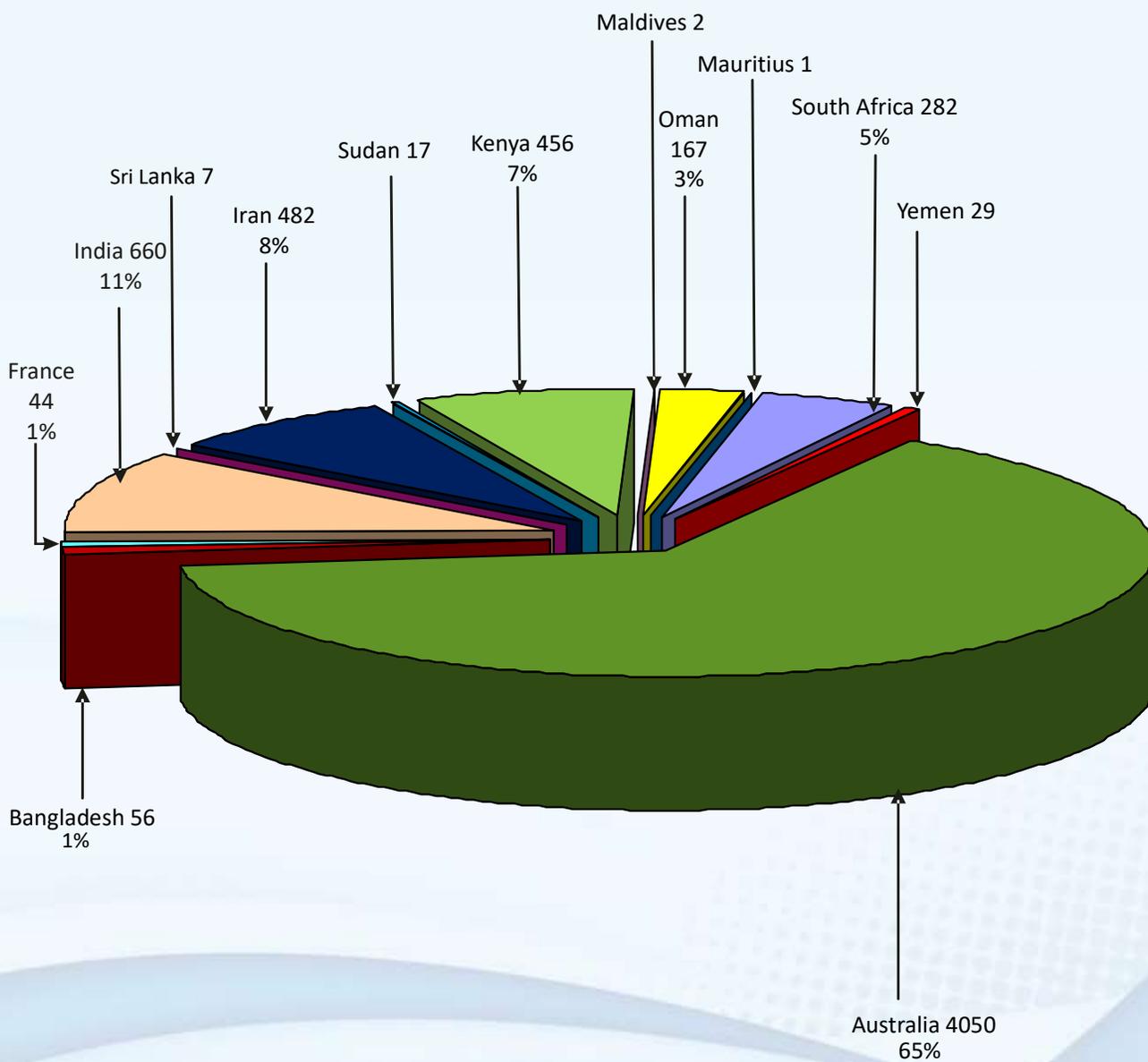
Comparison of Inspections and Detentions per Recognised Organisation

Table: 10 (Contd.)

Recognised Organisation	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2013	2014	2015	Total	2013	2014	2015	Total	
Overseas Marine Certification Service, Inc.	0	1	4	5	0	1	0	1	20.00
Panama Maritime Documentation Services	0	3	3	6	0	3	3	6	100.00
Panama Register Corporation	1	1	2	4	1	0	0	1	25.00
Panama Shipping Registrar Inc	1	0	0	1	0	0	0	0	0.00
Phoenix Register of Shipping S. A.	0	1	2	3	0	1	2	3	100.00
Polski Rejestr Statkow	3	7	9	19	0	0	5	5	26.32
Registro Italiano Navale	154	155	131	440	16	10	7	33	7.50
Russian Maritime Register of Shipping	24	15	8	47	4	1	0	5	10.64
Ship Classification Society of Malaysia	0	1	0	1	0	0	0	0	0.00
Sing Class International Pte Ltd.	0	1	2	3	0	1	1	2	66.67
Turkish Lloyd	1	1	1	3	0	0	0	0	0.00
Venezuelan Register of Shipping	0	2	0	2	0	0	0	0	0.00
Viet Nam Register	39	34	32	105	7	5	6	18	17.14
No Class	6	3	14	23	0	1	5	6	26.09
Other	18	18	3	39	8	5	1	14	35.90
Withdrawn	0	0	1	1	0	0	1	1	100.00
Total	5320	6059	6253	17632	376	379	350	1105	

INSPECTION EFFORTS

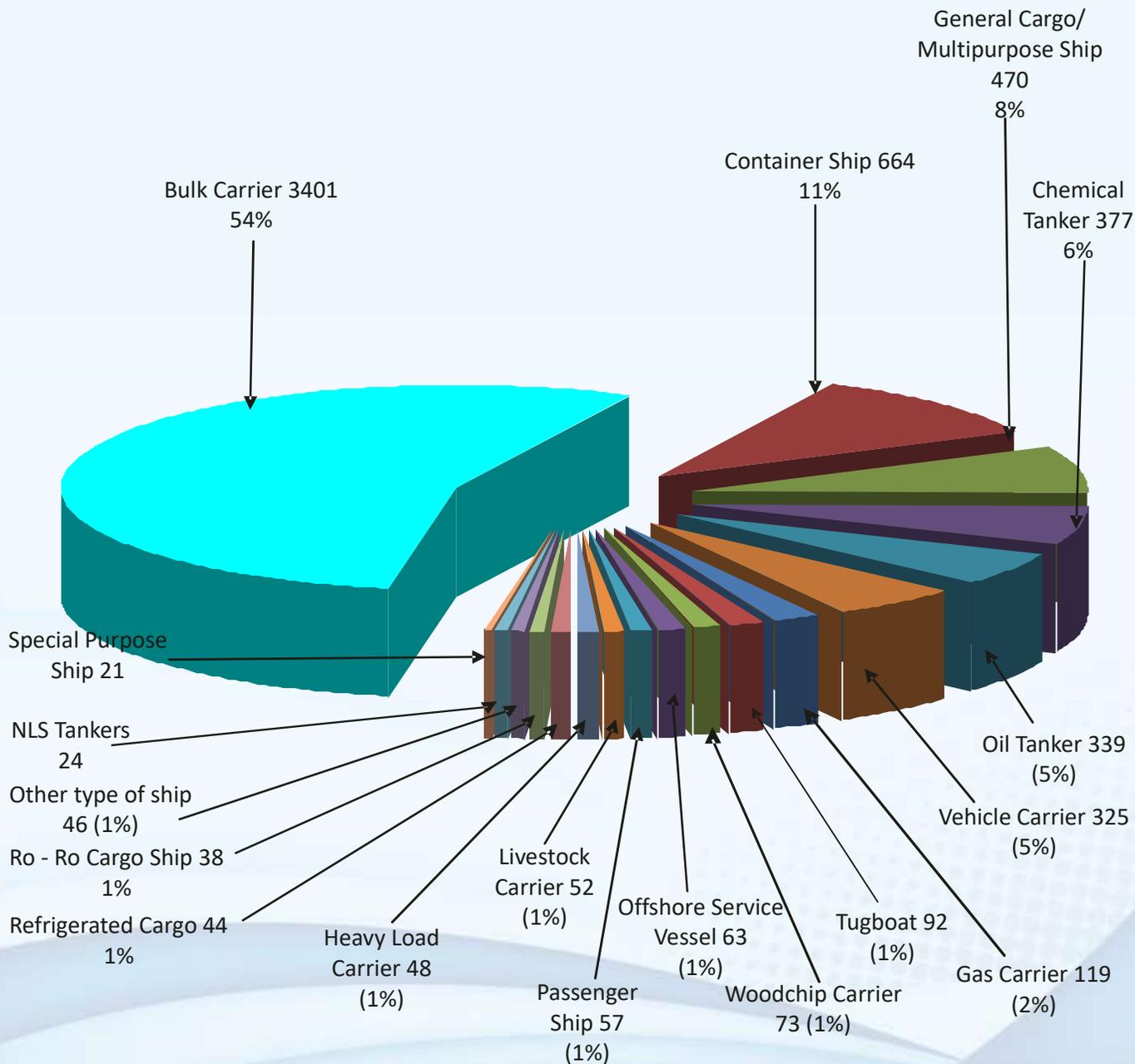
Fig. 1.



TOTAL INSPECTIONS: 6253

TYPES OF SHIP INSPECTED

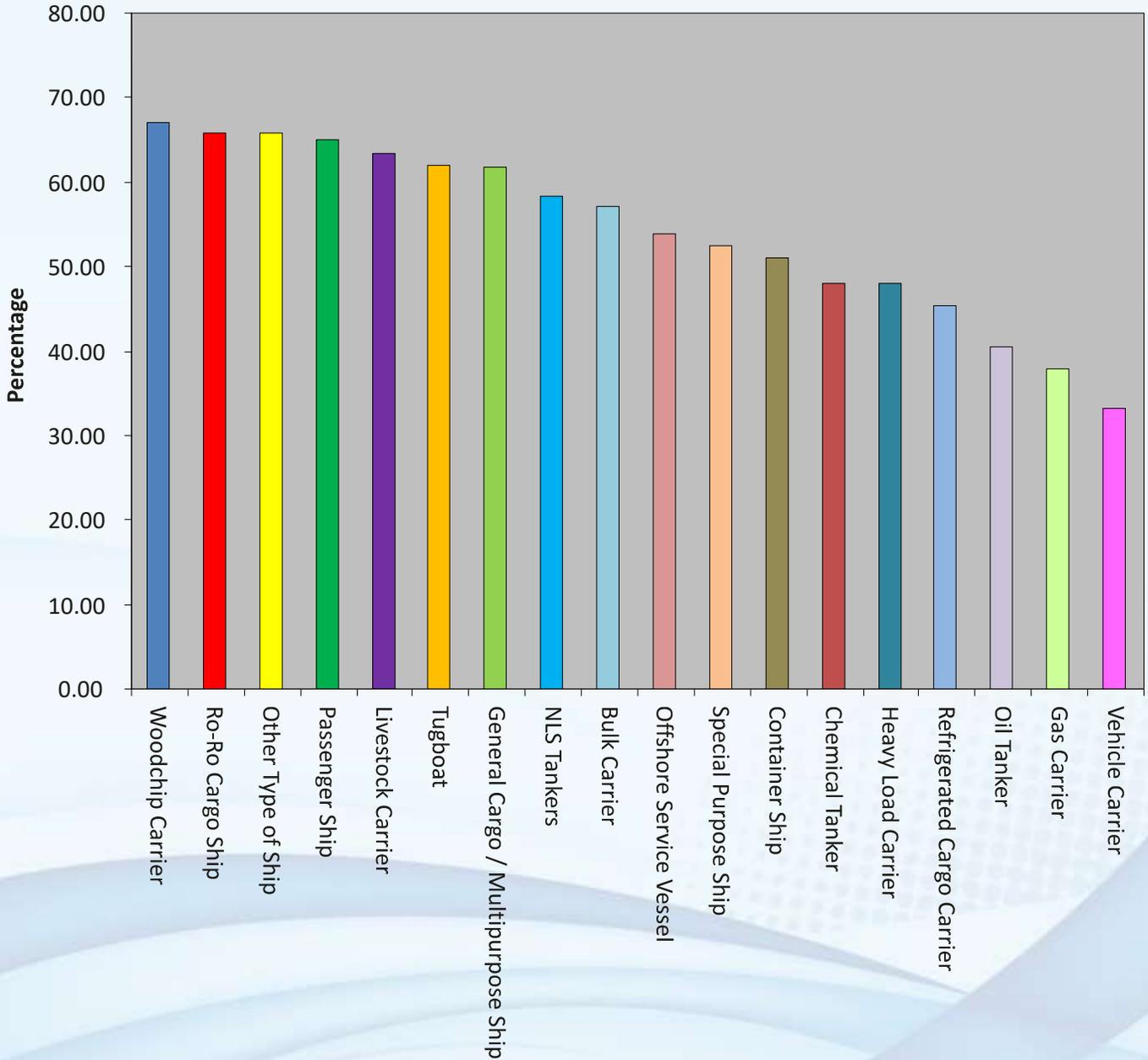
Fig. 2.



THIS GRAPH DEPICTS 20 INSPECTIONS AND ABOVE/ SHIP TYPE

Percentage of Ship Type with Deficiencies

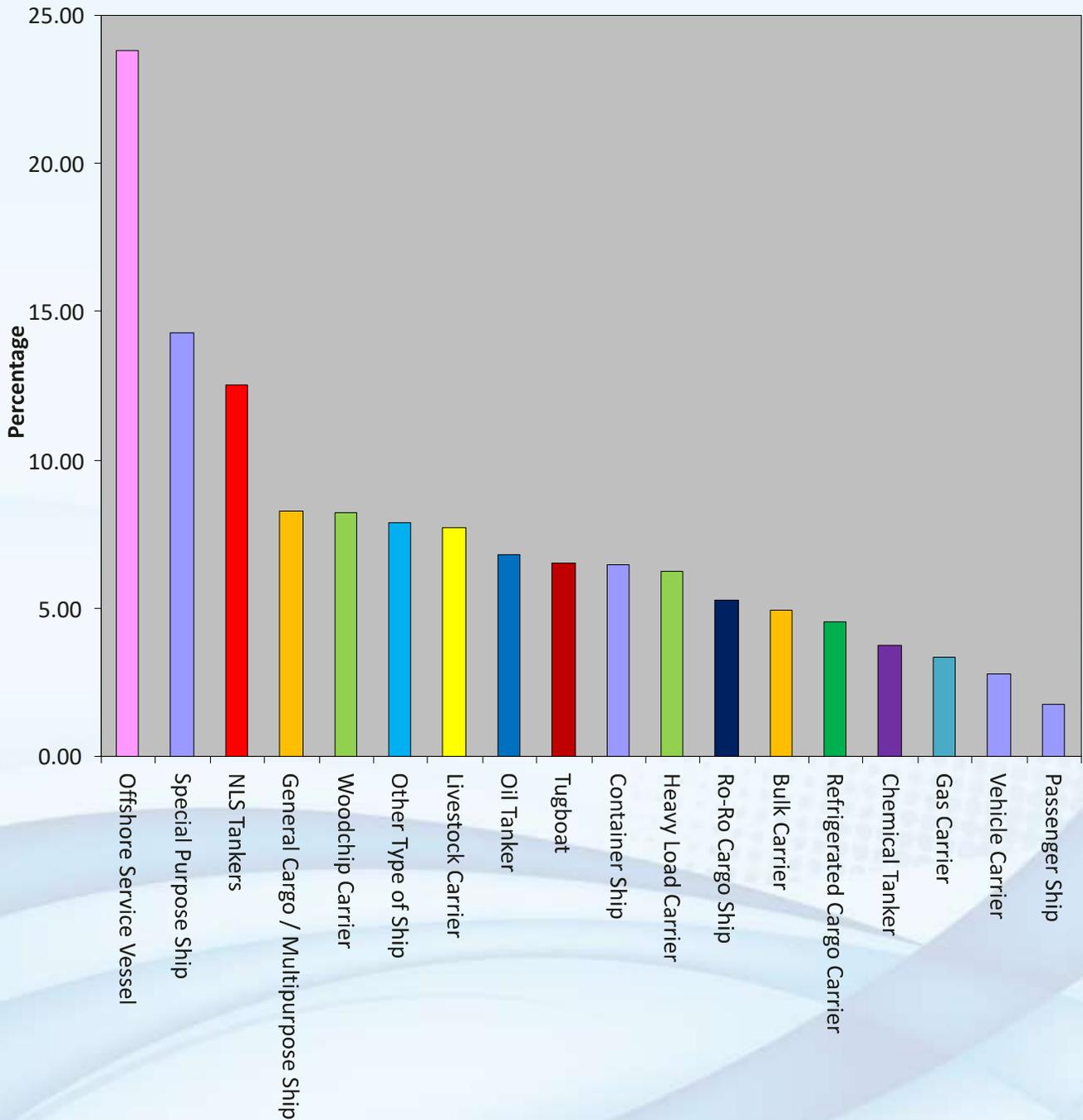
Fig. 3.



THIS GRAPH DEPICTS 20 INSPECTIONS AND ABOVE/ SHIP TYPE

Percentage of Detention per Ship Type

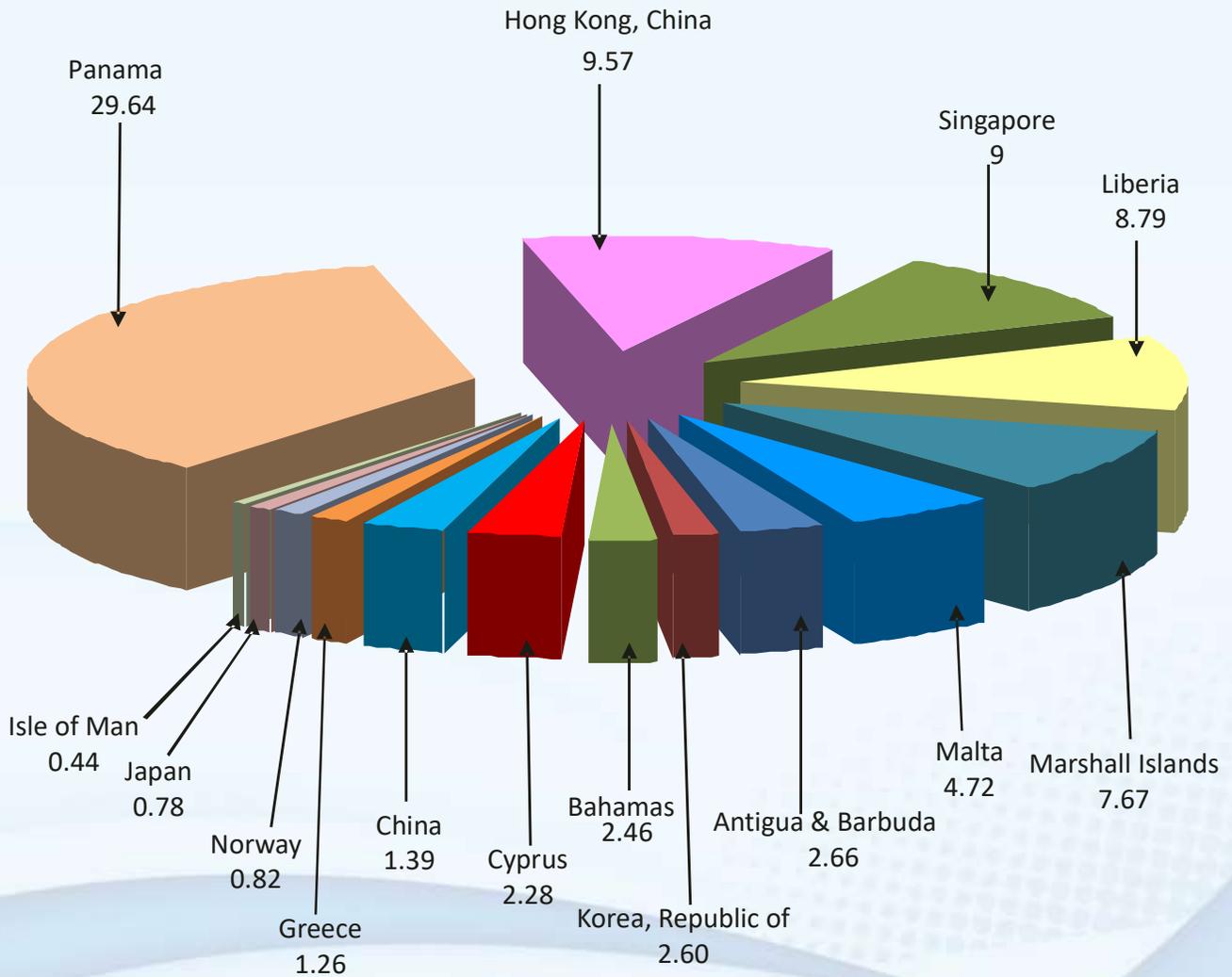
Fig. 4.



THIS GRAPH DEPICTS 20 INSPECTIONS AND ABOVE/ SHIP TYPE

Percentage of Deficiencies per Flag

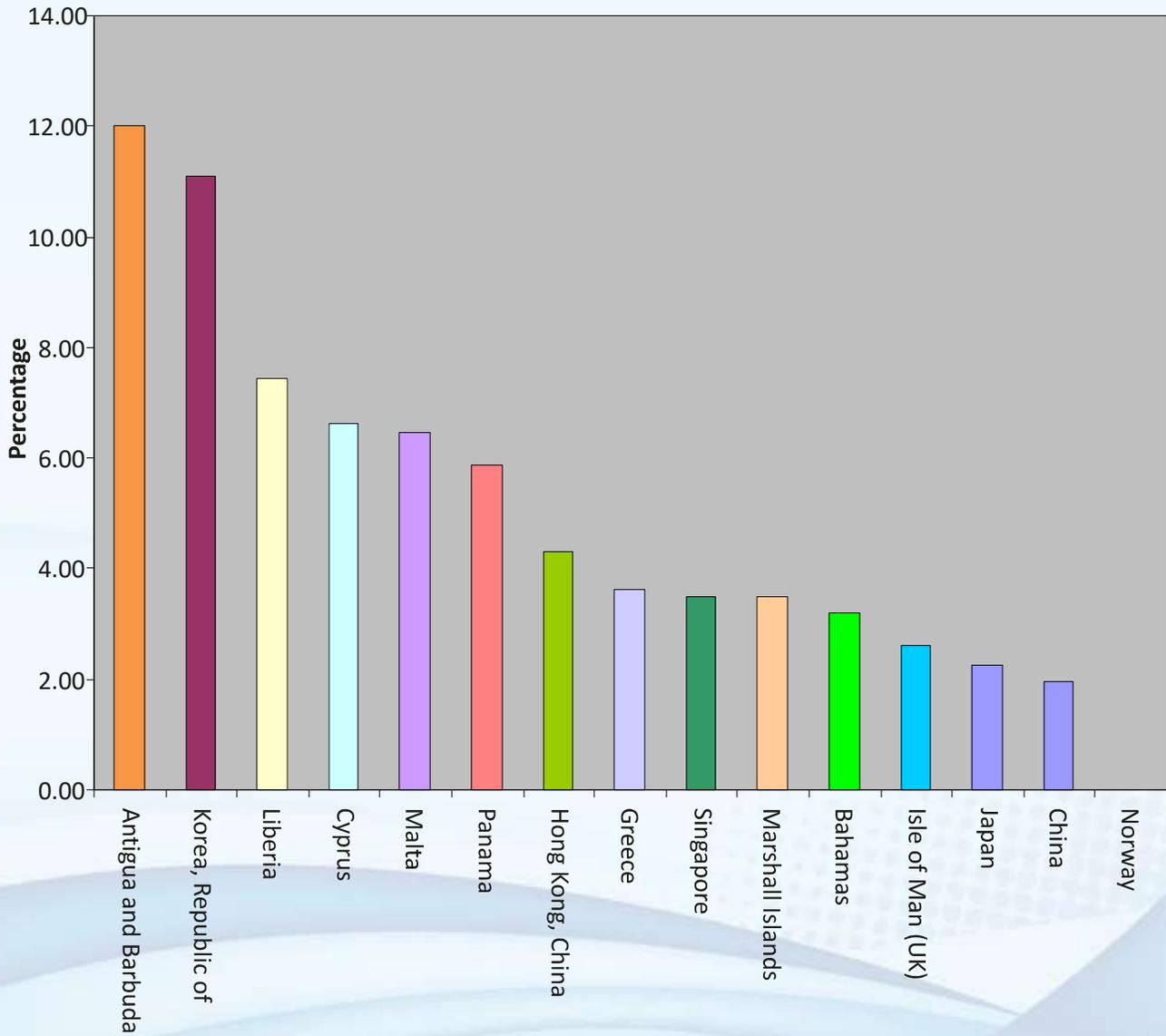
Fig. 5.



THIS GRAPH DEPICTS 75 INSPECTIONS AND ABOVE / FLAG

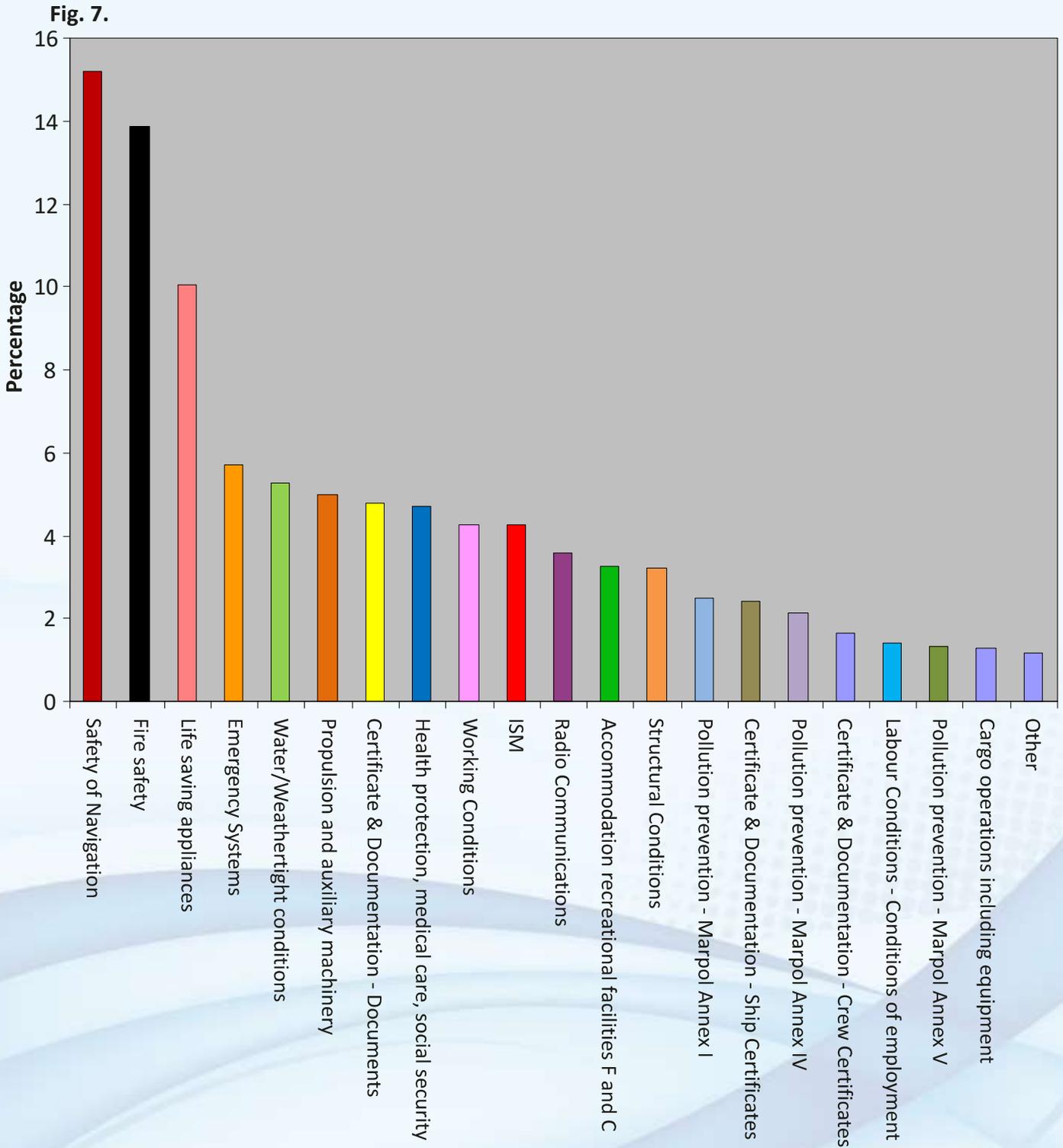
Percentage of Detentions per Flag

Fig. 6.



THIS GRAPH DEPICTS 75 INSPECTIONS AND ABOVE/FLAG

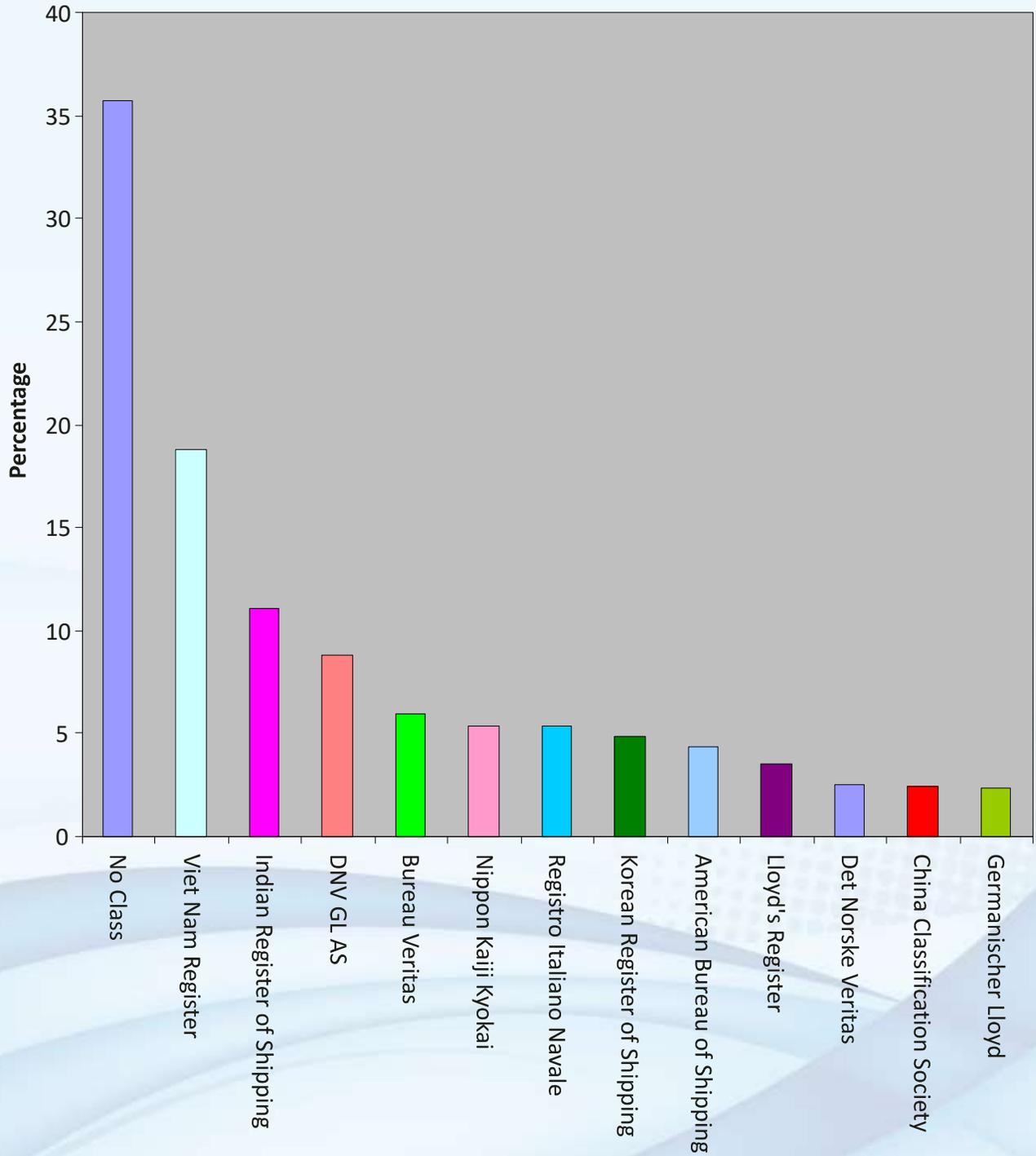
Deficiency Percentage by Categories



THIS GRAPH DEPICTS DEFICIENCIES PERCENTAGE 1.5 AND ABOVE

Detention Percentage by Recognised Organisation

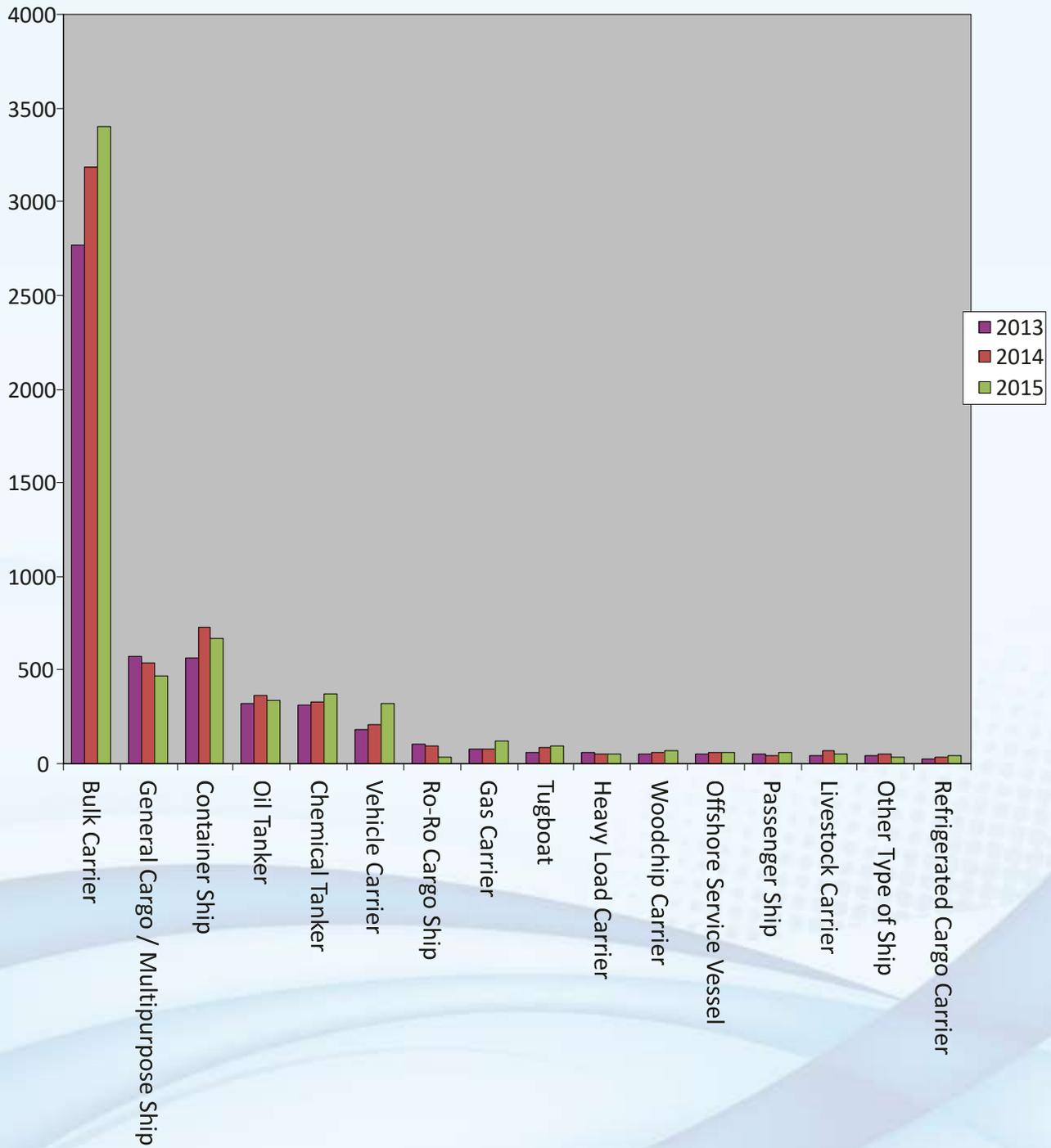
Fig. 8.



THIS GRAPH DEPICTS INSPECTIONS OF 10 SHIPS AND ABOVE/RECOGNISED ORGANISATION

Comparison of Inspections per Ship Type

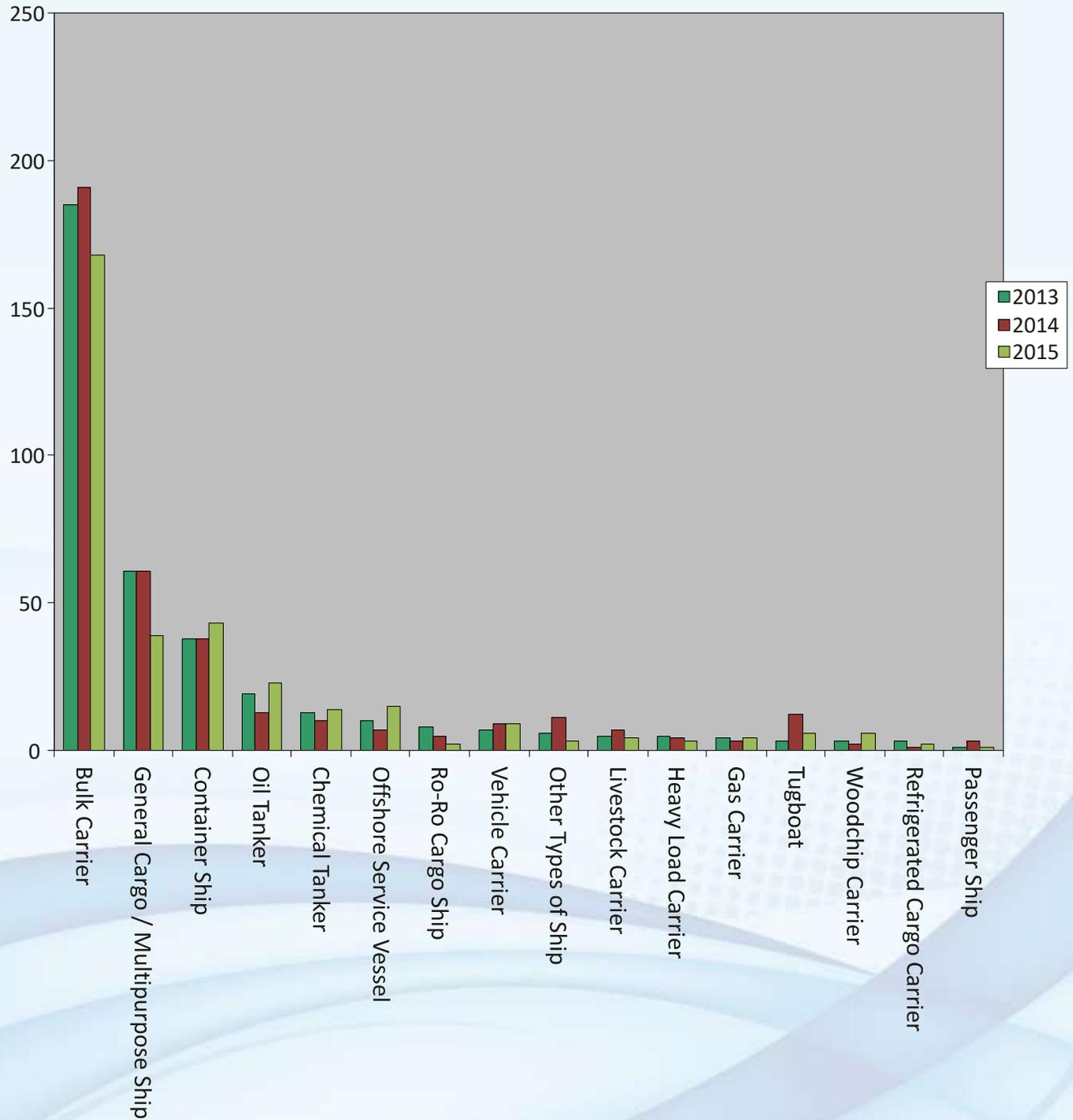
Fig. 9.



THIS GRAPH DEPICTS 30 INSPECTIONS AND ABOVE EITHER FOR 2013, 2014 OR 2015 / SHIP TYPE

Comparison of Detentions per Ship Type

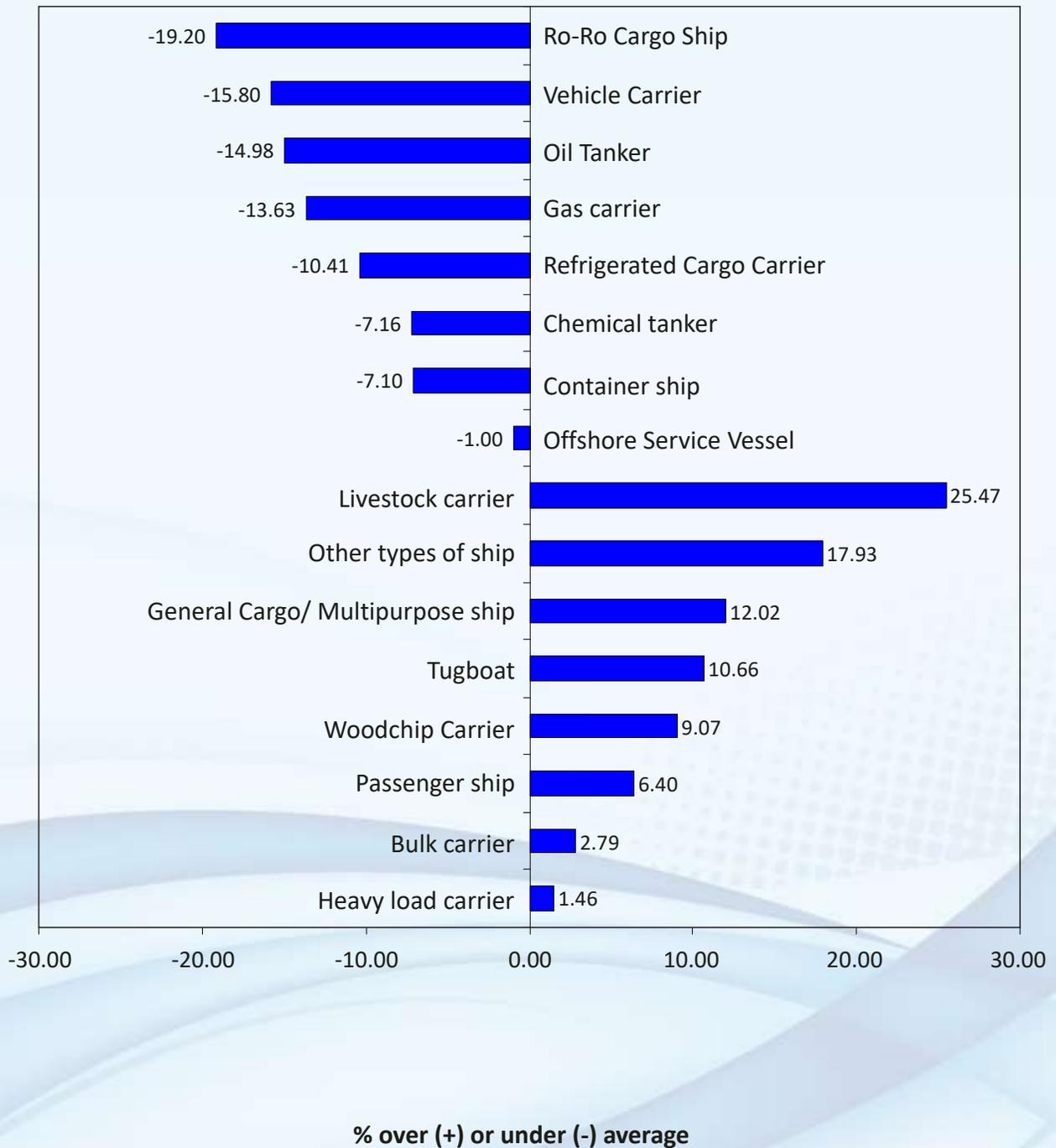
Fig. 10.



THIS GRAPH DEPICTS 30 INSPECTIONS AND ABOVE EITHER FOR 2013, 2014 OR 2015 / SHIP TYPE

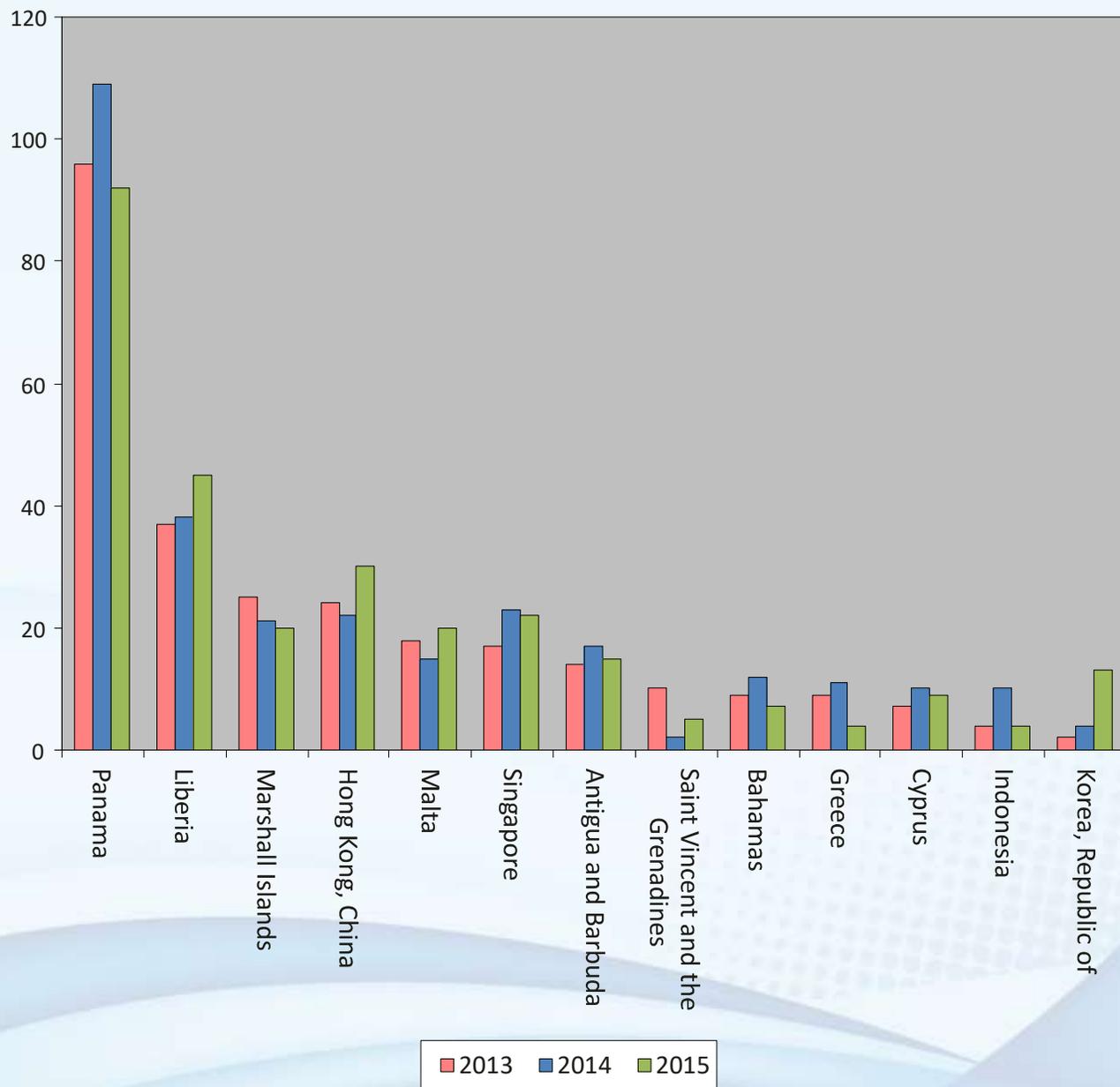
Summary of 3-year Inspections with Deficiencies per Ship Type

Fig. 11.



Comparison of Detentions per Flag

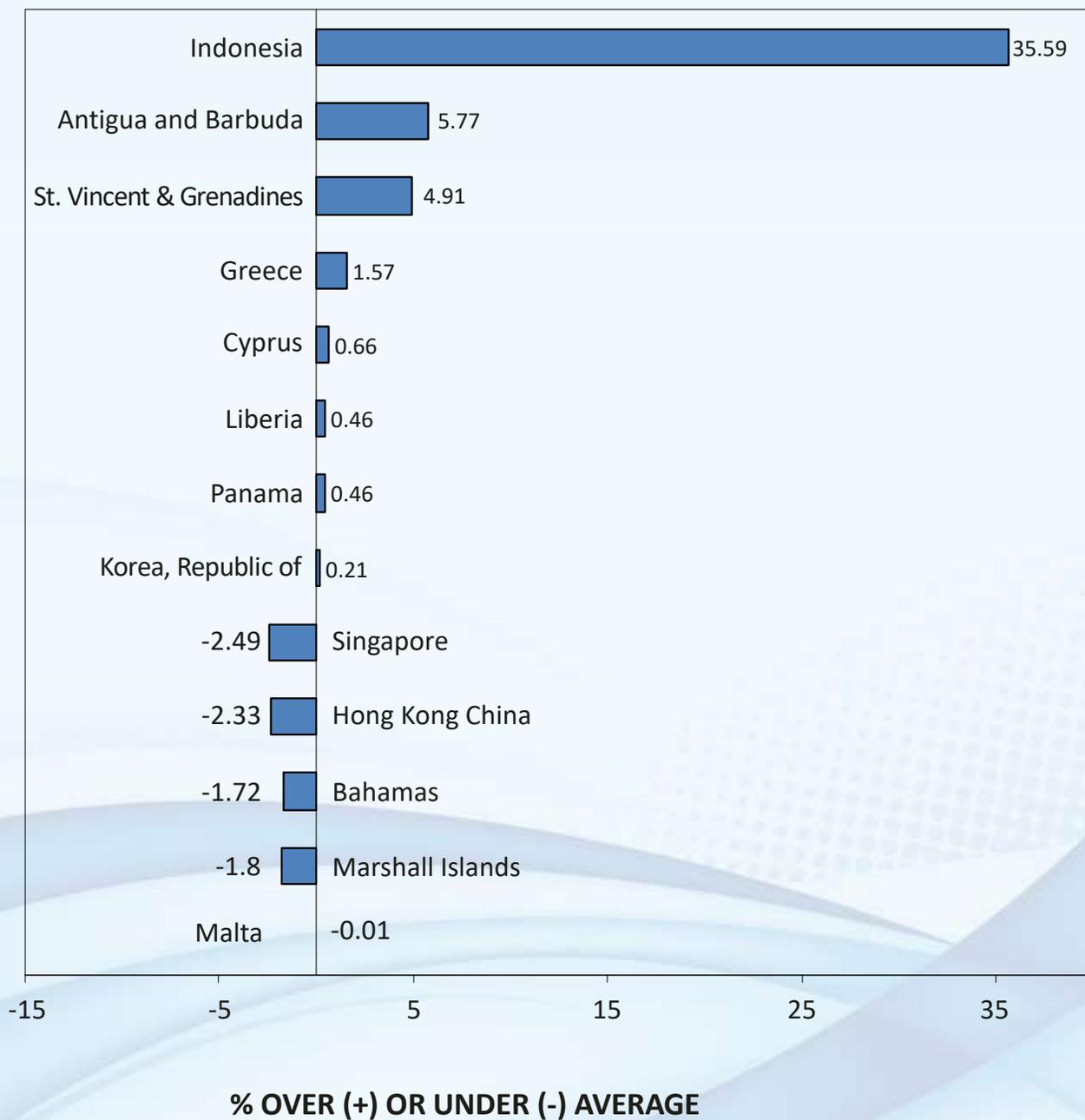
Fig. 12.



THIS GRAPH DEPICTS DETENTIONS OF 10 AND ABOVE EITHER FOR 2013, 2014 OR 2015/ FLAG

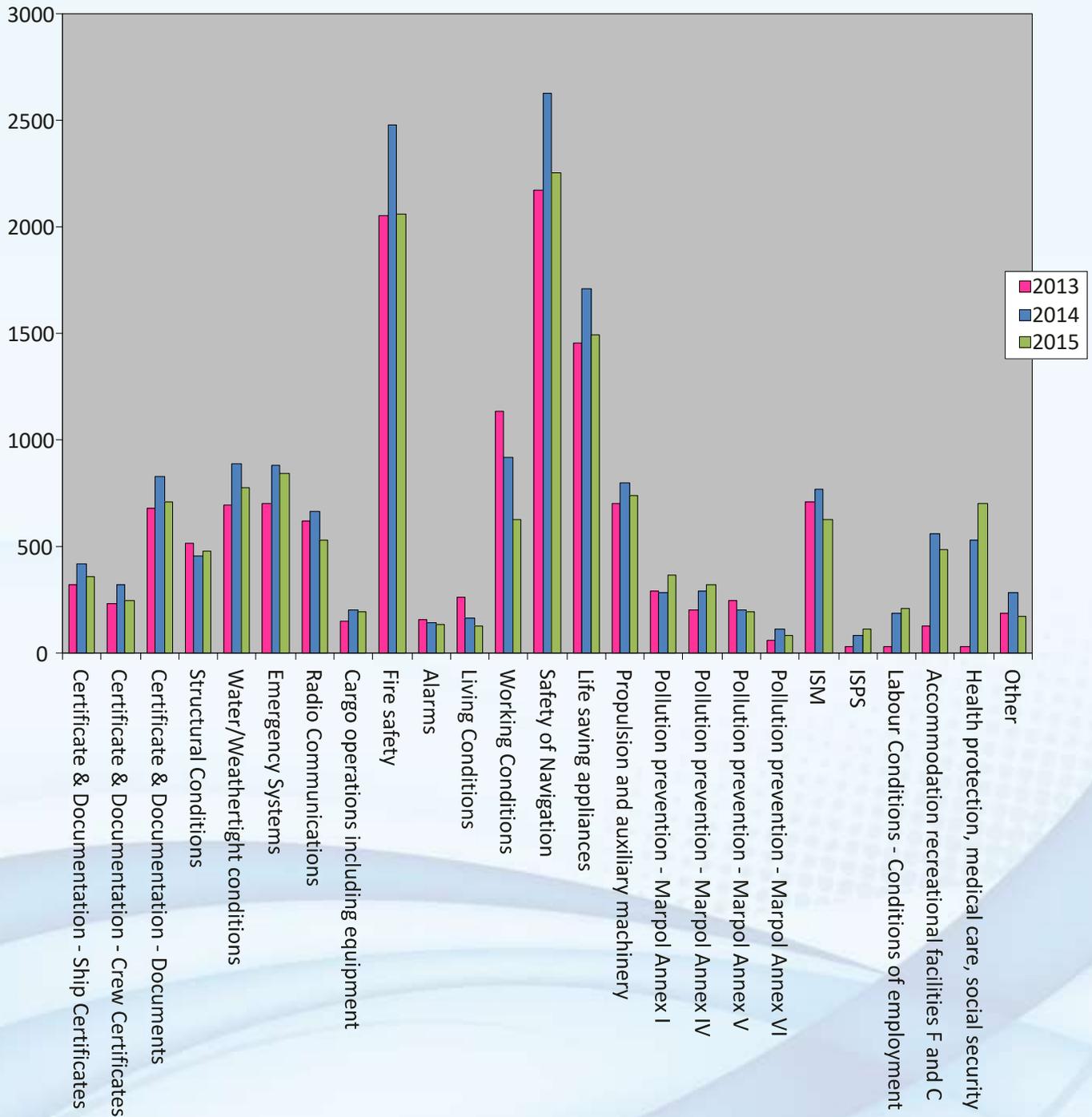
Summary of 3 Year Detention Percentage Per Flag

Fig. 13.



Comparison of Deficiencies by Categories

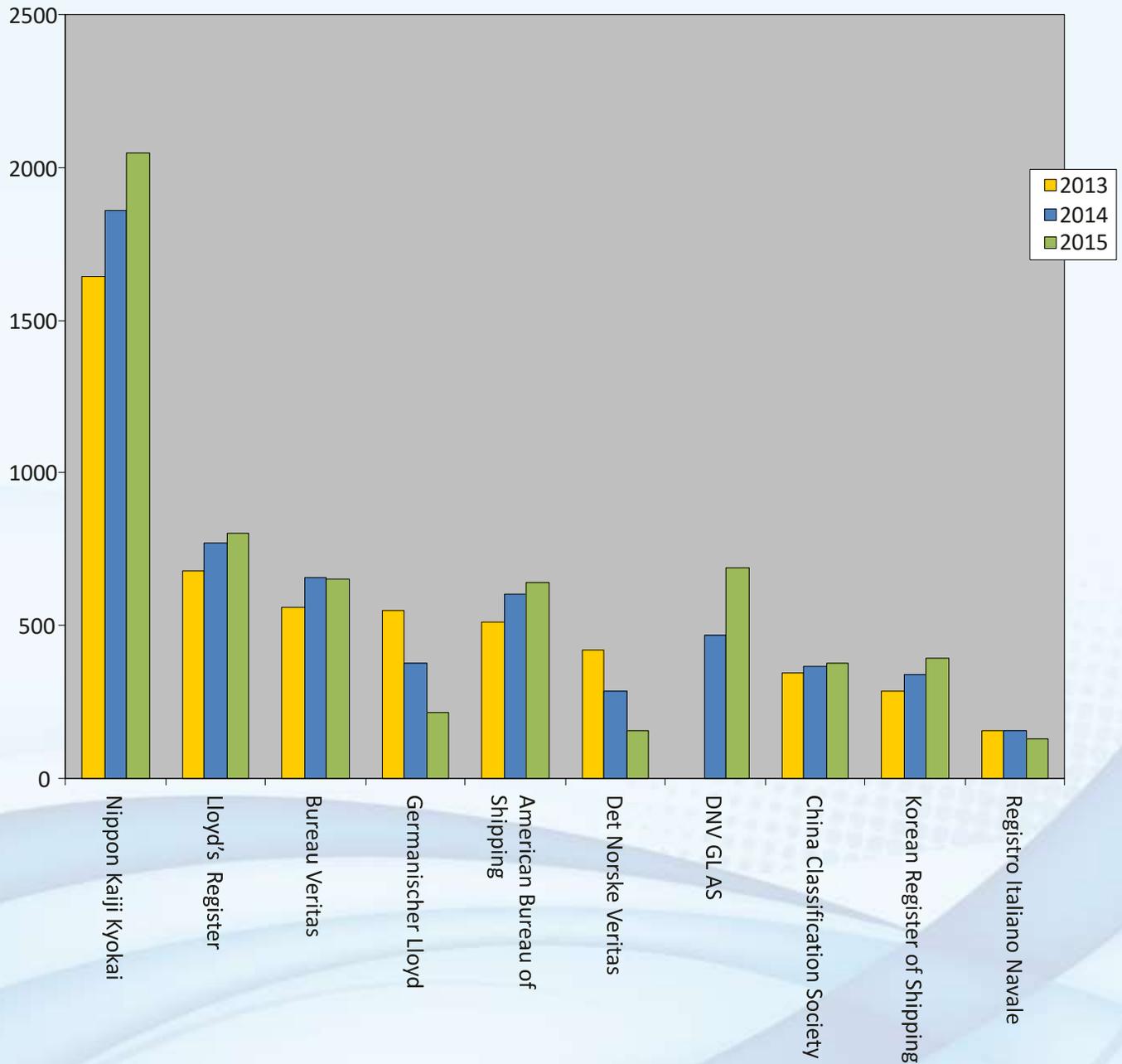
Fig. 14.



THIS GRAPH DEPICTS DEFICIENCIES OF 100 AND ABOVE EITHER FOR 2013, 2014 OR 2015

Comparison of Inspections per Recognised Organisation

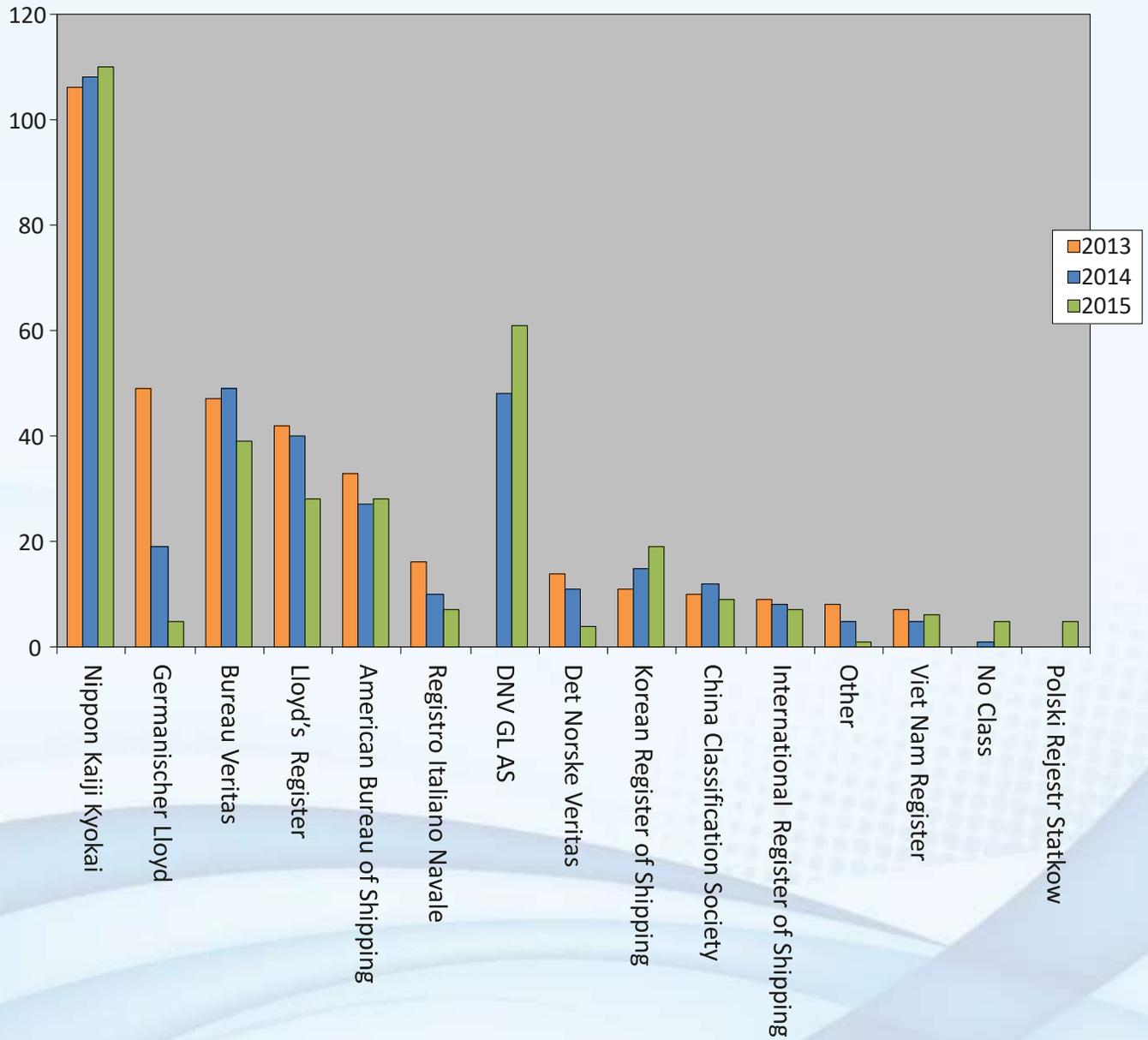
Fig. 15.



THIS GRAPH DEPICTS INSPECTIONS OF 40 SHIPS AND ABOVE EITHER FOR 2013, 2014 OR 2015

Comparison of Detentions per Recognised Organisation

Fig. 16.



THIS GRAPH DEPICTS DETENTIONS OF 5 AND ABOVE EITHER FOR 2013, 2014 OR 2015

LIST OF UNDERPERFORMING SHIPS FOR THE YEAR 2015

	IMO No.	Ship Name	Date of Inspections	Flag	RO	Company Number	Detainable Deficiencies	Inspecting Authority
1	8812899	TERRITORY TRADER	2013 - 07 - 22	Indonesia	Lloyd's Register	0313623	07113 - Fire pumps and its pipes 02116 - Bulkheads - cracking	Australia
	8812899	TERRITORY TRADER	2014 - 08 - 25	Indonesia	Lloyd's Register	0313623	04114 - Emergency source of power - Emergency generator	Australia
	8812899	TERRITORY TRADER	2014 - 11 - 17	Indonesia	Lloyd's Register	0313623	13102 - Auxiliary engine 99101 - Other safety in general	Australia
2	8912900	RED ROVER	2014 - 09 - 08	Indonesia	Nippon Kaiji Kyokai	0313623	15199 - Other (ISM)	Australia
	8912900	RED ROVER	2014 - 12 - 04	Indonesia	Nippon Kaiji Kyokai	0313623	15106 - Shipboard operations	Australia
	8912900	RED ROVER	2015 - 01 - 28	Indonesia	Nippon Kaiji Kyokai	0313623	15199 - Other (ISM)	Australia
3	9070034	ANIA	2013 - 11 - 24	Saint Vincent and the Grenadines	Germanischer Lloyd	1662420	07105 - Fire doors/openings in fire resisting divisions 13102 - Auxiliary engine 13199 - Other (machinery) 13199 - Other (machinery) 13102 - Auxiliary engine 07109 - Fixed fire extinguishing installation 04103 - Emergency, lighting, batteries and switches 04103 - Emergency, lighting, batteries and switches 05109 - VHF radio installation 07120 - Means of escape	Iran
	9070034	MARC	2015-01-04	Saint Vincent and the Grenadines	DNV GL AS	0000001	07113 - Fire pumps and its pipes 02107 - Ballast, fuel and other tanks 04103 - Emergency, lighting, batteries and switches	Iran
	9070034	MARC	2015-10-22	Saint Vincent and the Grenadines	DNV GL AS	5735743	02107 - Ballast, fuel and other tanks 14121 - Suspected of discharge violation 07105 - Fire doors/openings in fire resisting divisions 14104 - Gyro compass 10111 - Charts 15108 - Reports of non-conf., accidents & hazardous occur	Iran
4	9313620	NOAH SATU	2013-08-08	Indonesia	Germanischer Lloyd	5661158	15106 - Shipboard operations	Australia
	9313620	NOAH SATU	2014-01-06	Indonesia	Germanischer Lloyd	5661158	18314 - Provisions quantity	Australia
	9313620	NOAH SATU	2014-07-10	Indonesia	DNV GL AS	5661158	15106 - Shipboard operations	Australia
	9313620	NOAH SATU	2015-09-14	Indonesia	DNV GL AS	0650367	15199 - Other (ISM)	Australia
5	9314923	ANL KARDINIA	2014-03-18	Hong Kong, China	DNV GL AS	0104949	15106 - Shipboard operations	Australia
	9314923	ANL KARDINIA	2014-09-18	Hong Kong, China	DNV GL AS	0104949	14102 - Retention of oil on board	Australia
	9314923	ANL KARDINIA	2015-06-22	Hong Kong, China	DNV GL AS	0104949	15199-Other (ISM)	Australia

(Contd.)

LIST OF UNDERPERFORMING SHIPS FOR THE YEAR 2015

(Contd.)

6	9347786	VEGA AURIGA	2013-07-25	Liberia	Germanischer Lloyd	5517337	11104-Rescue boats 15109-Maintenance of the ship and equipment	Australia
	9347786	VEGA AURIGA	2014-06-27	Liberia	Bureau Veritas	5517337	01201-Certificates for master and officers 15105-Resources and personnel	Australia
	9347786	VEGA AURIGA	2014-08-21	Liberia	Bureau Veritas	5517337	18203-Wages 15109-Maintenance of the ship and equipment	Australia
7	9484699	TALIA	2013-05-13	Liberia	American Bureau of Shipping	5184254	05111-Satellite EPIRB 406MHz/1.6GHz 11113-Launching arrangements for rescue boats	Australia
	9484699	TALIA	2013-12-25	Liberia	American Bureau of Shipping	5184254	18314-Provisions quantity	Australia
	9484699	TALIA	2014-04-22	Liberia	American Bureau of Shipping	5184254	18203-Wages 18314-Provisions quantity	Australia

THE REPORT OF CIC ON CREW FAMILIARISATION FOR ENCLOSED SPACE ENTRY

Name of reporting Authority	AUSTRALIA
Total number of inspection	787
Total number of deficiencies	369
Total number of detention	4

Name of reporting Authority	FRANCE
Total number of inspection	7
Total number of deficiencies	2
Total number of detention	0

Name of reporting Authority	INDIA
Total number of inspection	149
Total number of deficiencies	61
Total number of Detentions	2

Name of reporting Authority	IRAN
Total number of inspection	127
Total number of deficiencies	35
Total number of detention	1

Name of reporting Authority	OMAN
Total number of inspection	27
Total number of deficiencies	22
Total number of detention	1

Name of reporting Authority	SOUTH AFRICA
Total number of inspection	40
Total number of deficiencies	5
Total number of detention	0

All Reporting Authorities

Total number of inspection	1137
Total number of deficiencies	494
Total number of detention	8

Port State Control Activities in Mozambique



REPUBLIC OF MOZAMBIQUE
MINISTRY OF TRANSPORT AND COMMUNICATION
NATIONAL MARITIME AUTHORITY

Introduction

Mozambique is a coastal State situated on Southern part of Africa. The surface of Mozambique is approximately (784089)km². It has coastal line of approximately (2840) km. from Tanzania in the north to Republic of South Africa in the south.

It has a several sea ports classified in three groups. Port class 1, 2 and 3, according there kind of vessel capacity support.

The neighbouring countries are Tanzania in north, Malawi in north-west, Zambia and Zimbabwe in west. Swaziland in south-west and South Africa in south.

A significant aspect of Mozambican's interest in Maritime trading and transport activities are based on the facts that more than 90% of import and exportation products depends the neighbouring countries' economies are based on Mozambican ports.

Maritime Affairs in Mozambique

The Directorate General of Maritime Affairs at the Ministry of Transport and Communication (being the Competent Authority) which is assigned to regulate navigation, maritime activities under the sovereignty and authority of Mozambique.

In addition, the Directorate has several service directors which complies with the requirements of the Safety of Life at Sea, Protection of Maritime Environment from pollution as well as Ships and Ports Security Requirements, also investigates the maritime accidents which occurring in the Mozambican Territorial Sea, issues Navigational warnings to all Seagoing Units.

Moreover, issues a Ships Registration Certificates, Navigational Licenses and Seaman's Certificate of competency and maintains the link between the Government of Mozambique and the International Maritime Organization (IMO)

Port State Control

Under PSC Activities, Mozambique planed first to carry out inspection on three principal ports (Nacala in north), Beira (in center) and Maputo (in south) as a head office. However, it doesn't start to take place yet, due to an internal administrative reason.

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