

# Annual Report 2013



## FOREWORD

On behalf of the Committee of the Indian Ocean Memorandum of Understanding (IOMOU), it gives us great pleasure and sense of responsibility, to present the fifteenth Annual Report on the port State control (PSC) activities of the members of the IOMOU for the year ending 31 December 2013.

The Acceptance of Mozambique this year has brought the total membership to seventeen States from the twenty-one Authorities signatory to the MOU. The Committee welcomed the Authority of Madagascar as observer during the sixteenth Committee meeting.

IOMOU Member Authorities realize that there are still many challenges ahead, and to face these challenges, the IOMOU is committed to enhancing the skills of the PSC officers (PSCO) through consultation and training.

Keeping in mind that PSCO need specialized training and be familiarized with the international Conventions and legislations, the IOMOU was able to impart training to the PSCOs of the member Authorities, with the support of the Tokyo MOU and the Australian Maritime Authority through the AusAID funding.

The First Expert Mission on port State control was successfully conducted in Vishakhapatnam, India in December, 2013. As the expert trainers were from Australia, New Zealand and Japan, it helped the port State control officers undergoing the training programme to understand how port State control activities are undertaken in other regimes. The IOMOU also successfully organized a specialized Maritime English Language Training Course, in Comoros in September, 2013. The course was conducted by MARLINS, UK. The aim of the training course was to improve the English language communication skills of the PSCOs to enable them to speak with seafarers of different nationalities and enable them to report the findings of the PSC inspections.

During the sixteenth Committee meeting, the Committee considered and adopted amendments to the Memorandum for inclusion of the Maritime Labour Convention (MLC) 2006 and the International Convention on the control of Harmful Antifouling Systems on Ships, 2001 as the relevant instruments under the IOMOU. The amended version of the port State control manual was adopted by the Committee. The Committee also adopted the Strategic Plan for the IOMOU for the period 2013-18. 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 shipping, the Committee decided to have a forum with the industry during the Committee meetings.

The Committee thanked and expressed its deep appreciation to Mr. Wilfred Kagimbi, for the commitment and able Chairmanship during the last three meetings.

Apart from general information, this report provides the outcome of the results of PSC inspections undertaken by individual members during the year 2013.

The IOMOU Secretariat continued to serve its Member Authorities well during the year and I would like to thank them for their contribution. In particular we would like to thank the port State control officers of the region for their commitment and professionalism.

You can find more information on the IOMOU web site: [www.iomou.org](http://www.iomou.org)

**Francois BEAUGRAND**

Chairman  
Port State Control Committee

**Dilip Mehrotra**

Secretary  
IOMOU Secretariat

Table of Contents

	Page
<b>1 INTRODUCTION</b>	
1.1 General .....	1
1.2 List of the Members and the Observers .....	2
<b>2 ORGANISATIONAL STRUCTURE</b>	
2.1 Organisational Structure of the IOMOU .....	3
2.2 IOMOU Secretariat .....	4
2.3 Contact Details .....	4
<b>3 THE COMMITTEE</b>	
3.1 A description of its work. Some objectives .....	5
<b>4 TRAINING FOR PORT STATE CONTROL OFFICERS .....</b>	<b>8</b>
<b>5 CO-OPERATION WITH OTHER REGIONAL MOUs .....</b>	<b>16</b>
<b>6 IOCIS / WEBSITE .....</b>	<b>18</b>
<b>7 STATUS OF RELEVANT INSTRUMENT</b>	
7.1 Status of Relevant Instrument .....	19
7.2 Status of Marpol .....	20
<b>8 STATISTICS .....</b>	<b>21</b>
<b>9 PORT STATE CONTROL INSPECTION ACTIVITIES .....</b>	<b>22</b>

10 LIST OF TABLES AND FIGURES

	Page
Table 1	Deficiencies by Type of Ship ..... 23
Table 2	Deficiencies by Flag ..... 24
Table 3	Deficiencies by Categories ..... 26
Table 4	Deficiencies by Recognised Organisation ..... 27
Table 5	Comparison of Inspections and Deficiencies per Ship Type ..... 28
Table 6	Comparison of Inspections and Detentions per Ship Type ..... 29
Table 7	Comparison of Inspections and Detentions per Flag ..... 30
Table 8	Comparison of Deficiencies by Categories ..... 33
Table 9	Comparison of Inspections and Deficiencies per Recognised Organisation ..... 34
Table 10	Comparison of Inspections and Detentions per Recognised Organisation ..... 36
Figure 1	Inspection Efforts ..... 38
Figure 2	Types of Ship Inspected..... 39
Figure 3	Percentage of Ship Type with Deficiencies..... 40
Figure 4	Percentage of Detention per Ship Type ..... 41
Figure 5	Percentage of Deficiencies per Flag ..... 42
Figure 6	Percentage of Detentions per Flag ..... 43
Figure 7	Deficiency Percentage by Categories..... 44
Figure 8	Detention Percentage by Recognised Organisation ..... 45
Figure 9	Comparison of Inspections per Ship Type ..... 46
Figure 10	Comparison of Detentions per Ship Type ..... 47
Figure 11	Summary of 3 Years Inspections with Deficiencies per Ship Type ..... 48
Figure 12	Comparison of Detentions per Flag ..... 49
Figure 13	Summary of 3 Years Detentions percentage per Flag ..... 50
Figure 14	Comparison of Deficiencies by Categories ..... 51
Figure 15	Comparison of Inspections per Recognised Organisation ... 52
Figure 16	Comparison of Detentions per Recognised Organisation .... 53

11 REPORT OF CIC ON PROPULSION AND AUXILIARY MACHINERY .....

54

12 PRESENTATION OF MEMBER ADMINISTRATION: OMAN .....

55

## 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. The IOMOU included the International Convention on the Control of Harmful Anti-fouling Systems on ships, 2001 and the Maritime Labour Convention, 2006 (MLC, 2006), accordingly 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

LIST OF THE MEMBERS AND THE OBSERVERS

The membership of the IOMOU increased by one with the submission to the Secretariat of the Letter of Acceptance by Mozambique bringing up the number to seventeen countries, as of December 2013, which have become parties to the Memorandum. These are: Australia, Bangladesh, Comoros, Eritrea, France (La Reunion Island), India, Iran, Kenya, Maldives, Mauritius, Mozambique, Oman, Sri Lanka, South Africa, Sudan, Tanzania and Yemen.

With the acceptance of Madagascar as Observer, 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

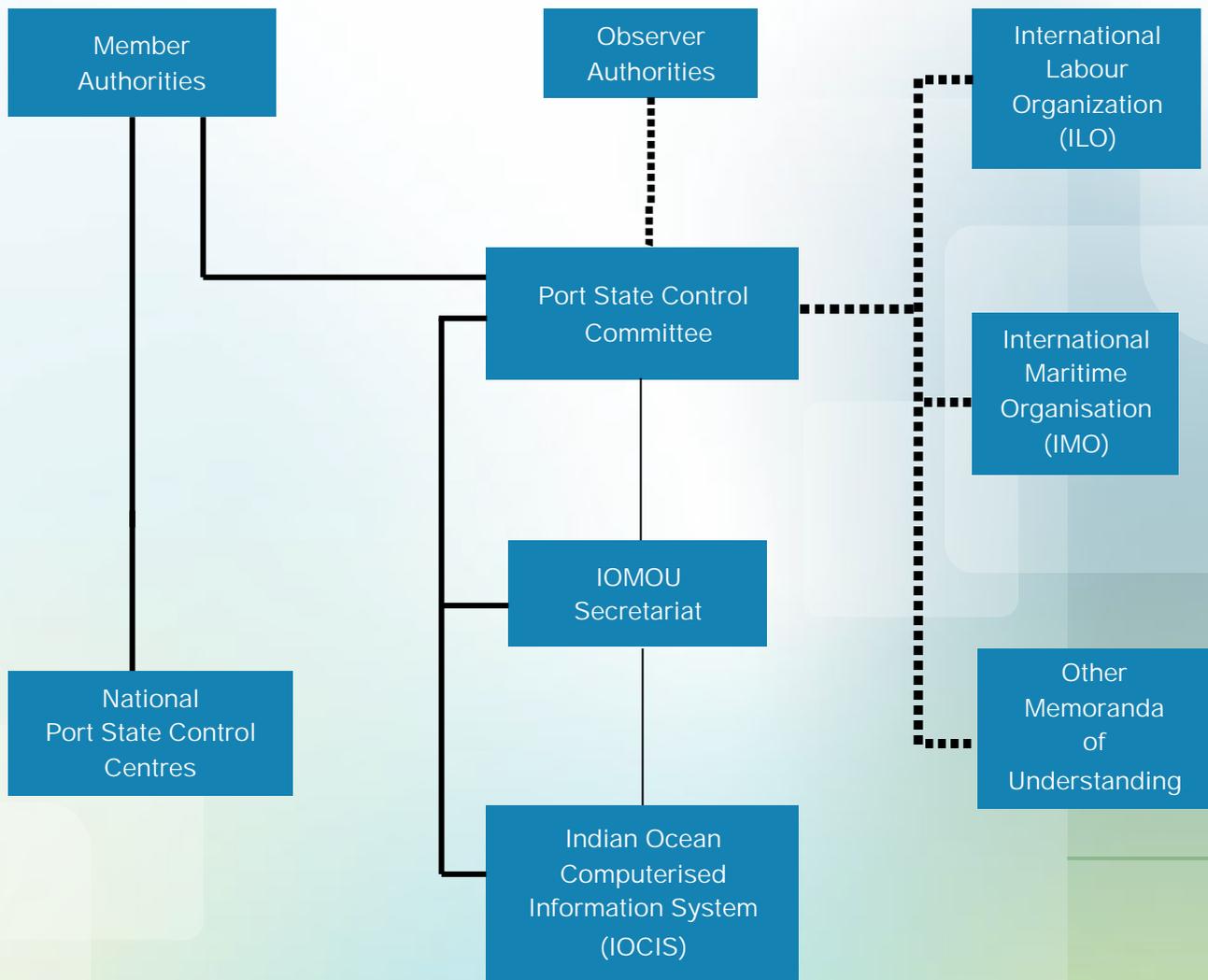
The Committee meetings are attended by the member Authorities as well as Observer States and organizations.



Sixteenth Committee meeting at Reunion Island



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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THE COMMITTEE

The Indian Ocean Memorandum of Understanding on port State control held its Sixteenth Committee meeting in the Reunion Island from the 23<sup>rd</sup> - 26<sup>th</sup> of September, 2013. This meeting was hosted by the French Maritime Administration.

Representatives from the following IOMOU member States attended the meeting:

Australia, France (Reunion Island), India, Iran, Kenya, Mauritius, Oman, South Africa, Sudan, Tanzania, IOCIS Manager from the National Informatics Centre (NIC) and by the observers of Madagascar, the Abuja MOU, the Black Sea MOU and the Equasis.

The member Authorities of Bangladesh, Comoros, Eritrea, Maldives, Mozambique, Sri Lanka and Yemen and the observers of the International Labour Organisation (ILO), the International Maritime Organisation (IMO) and the United States Coast Guard (USCG) were not able to attend.

Mr. Wilfred Kagimbi of Kenya presided over the Committee meeting as Chairman.



The Participants of Sixteenth Committee Meeting at Reunion Island

Important outcomes of the meeting included:

1. The Committee considered and adopted amendments to the Memorandum for inclusion of the Maritime Labour Convention (MLC) 2006 and the International Convention on the control of Harmful Antifouling Systems on Ships, 2001 as the relevant instruments under the IOMOU.
2. The Committee discussed matters relating to PSC technical procedures and guidelines, concentrated inspection campaigns, information system and information exchange, evaluation of work done by the Secretariat and the IOCIS Managers, statistical analysis, evaluation of the IOMOU performance and effectiveness of the PSC inspections of the member Authorities, regional and interregional technical cooperation activities.
3. The amended version of the port State control manual was adopted.
4. 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 shipping, the Committee decided to have a forum with the industry during the next committee meeting.
5. Participation in joint Concentrated Inspection Campaign with Tokyo MOU.
6. Finalization of the new format of the IOMOU website.
7. The progress of the training programme under AusAID was reviewed.
8. The Committee also adopted the Strategic Plan for the IOMOU for the period 2013-18.



Opening of the Sixteenth Committee Meeting  
at Reunion Island

## INDIAN OCEAN MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL



The Committee unanimously elected Mr. Francois BEAUGRAND, Deputy PSC Coordinator, Directorate for Maritime Affairs, Ministère, de l'Ecologie, du Développement durable et de l'Energie, France as Chairman for a period of three years.

The seventeenth Committee meeting of the IOMOU on port State control Committee will be held in Oman in September 2014



### TRAINING AND SEMINARS FOR PORT STATE CONTROL

The Maritime English Language Training Course 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 Comoros. Marlins Institute, London delivered the course.

The feedback from the participants confirmed that the course encompassed the main language areas and topics related to their needs



Total twenty six participants from the Authority of Eritrea, Maldives, Mozambique, Oman, Sudan, Tanzania and host Authority of Comoros participated in this training programme. The aim of the training course was to improve the English language communication skills of the port State control officers to enable them to speak with seafarers of different nationalities and enable them to report the findings of PSC inspections.

## INDIAN OCEAN MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL



The course was designed to draw on the participants' own experience and background knowledge of their work as port State control officers. This information was then applied in an interactive context, with emphasis on developing practical English language competence within the context of port state control inspections.

At the end of the course, participants conducted a simulated PSC inspection visit on board a ship



Maritime English Course conducted for PSCOs at Comoros

Throughout the course, participants worked in pairs and small groups, conducting information exchanges, role-plays and discussions and many other activities in order to reflect real-life tasks and situations.



The first 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 provided detailed guidelines on the main PSC Conventions, including the implementation of the new MLC, the revised PSC procedures, documentation and certification. The course was hosted by the Authority of India from 02 to 13 December 2013, at Vishakhapatnam, India.



Experts from Australia, Tokyo and New Zealand conducted the Expert Mission Training

## INDIAN OCEAN MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL



Participants with trainers and dignitaries during the opening ceremony

Total twenty participants from India, Oman, Sudan, South Africa and Tanzania attended the course



Total four ships were boarded during the expert mission

INDIAN OCEAN MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL



On board training during the Expert Mission at Vishakhapatnam

INDIAN OCEAN MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL



On board training during the Expert Mission at Vishakhapatnam



Certificate presentation ceremony

Trainings Sponsored by IMO.

One PSCO from Sudan was nominated to attend the expert training on Safety and Environment for port State control officers in the Hague, the Netherlands, from 4 to 8 March 2013. The course sponsored by IMO and conducted by Paris MOU.

One PSCO from India was nominated to attend the expert training course on port State control in Guayaquil, Ecuador, from 11 to 22 March 2013. The course sponsored by IMO and conducted by Acuerdo Vina Del Mar.

One PSCO from Eritrea was nominated to attend the 3rd General Training Course for PSCOs in Yokohama, Japan. The course sponsored by IMO and conducted by Tokyo MOU from 26th August to 20 September 2013.

One PSCO from Mauritius was nominated to attend the additional training course on Human Element for PSCOs, in Leiden, the Netherlands, from 7 to 11 October 2013. The course sponsored by IMO and conducted by Paris MOU.

## CO - OPERATION WITH OTHER REGIONAL MOUs

Considering the importance of inter-regional co-operation and harmonisation, IOMOU participated in the CIC on Propulsion and Auxiliary Machinery jointly with Paris MOU and Tokyo MOU in 2013. 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 and Tokyo MOUs. The Committee also confirmed that it would consider granting observer status to other MOUs as and when such requests are received by the Committee.

The IOMOU realized the need for this co-operation right from its inception and obtained the observer status with the Tokyo 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.

The Secretary attended the 23<sup>rd</sup> and 24<sup>th</sup> meeting of the Tokyo MOU Committee held in Singapore from 21 to 24 January 2013 and Tokyo, Japan, from 28 to 31 October respectively.

As one of the inter-governmental Organisation (IGO) member of IMO, the Secretary and Deputy Secretary attended the 21<sup>st</sup> Flag State Implementation (FSI) Sub-Committee from 4 to 8 March 2013 .

The Secretary attended the sixth IMO workshop for Port State Control (PSC) MoU/Agreement Secretaries and Database Managers, 2 July to 4 July 2013.



Signing Ceremony of the Data exchange agreement under GISIS held during the sixth IMO Workshop

## IOCIS / WEBSITE

In line with other MOU, harmonized coding system implemented in IOCIS. Data exchange with Equasis, Information Handling Services Fairplay( IHS) and Lloyds List Group (LLG) is being carried out. 16<sup>th</sup> Committee meeting discussed and decided to implement new enhancement, to the IOCIS/ website, introduction of underperforming ship list on the website, etc.

16<sup>th</sup> Committee also approved the new format of the web-site.

IOCIS and the website are maintained by the National Informatics Centre, Government of India. The Secretariat is in continuous contact with the Manager of IOCIS discussing further improvements to the system. 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- 2013	160992	6722	112539	1545266
Feb- 2013	299677	7150	229356	1324692
Mar - 2013	320228	8383	256044	1468880
Apr - 2013	258456	7254	197816	1359937
May - 2013	270197	7530	201125	1480989
Jun- 2013	133891	7758	52041	1178875
Jul- 2013	79087	6108	28962	1012363
Aug - 2013	413515	6736	355619	879623
Sep- 2013	70545	5490	14910	1096460
Oct - 2013	75200	5317	13503	1074047
Nov - 2013	4338	492	1044	99884
Dec- 2013	61306	5758	18528	1374944
<b>Total</b>	<b>2147432</b>	<b>74698</b>	<b>1481487</b>	<b>13895960</b>

## STATUS OF THE RELEVANT INSTRUMENTS

### STATUS OF RELEVANT INSTRUMENTS (Date of Deposit of Instruments) As on 31 December 2013

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	BWM	ILO 147
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	-	-
2	Bangladesh	06.11.1981	10.05.1978	18.12.2002	06.11.1981	-	18.12.2002	06.11.1981	-	10.05.1978	-	-
3	Comoros	22.11.2000	22.11.2000	-	22.11.2000	22.11.2000	-	22.11.2000	-	22.11.2000	-	-
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	24.09.2008	02.05.1978
6	India	26.05.1977	19.04.1968	10.08.2000	16.06.1976	03.04.1986	22.08.2000	16.11.1984	-	30.05.1973	-	26.09.1996
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	06.04.2011	-
8	Kenya	15.12.1992	12.09.1975	-	21.07.1999	-	-	15.12.1992	-	15.12.1992	14.01.2008	-
9	Maldives	02.06.1983	29.01.1968	-	14.01.1981	-	20.05.2005	22.01.1987	-	14.01.1981	22.06.2005	-
10	Mauritius	11.10.1988	11.10.1988	17.12.2002	01.02.1988	-	17.12.2002	04.07.1991	-	26.05.1989	-	-
11	Mozambique	30.10.1991	30.10.1991	-	23.12.1996	-	-	15.11.1985	-	30.10.1991	-	-
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	-	-
13	South Africa	24.11.1982	14.12.1966	-	23.05.1980	11.01.1982	-	27.07.1983	02.07.2008	20.12.1976	15.04.2008	-
14	Sri Lanka	11.03.1992	10.05.1974	-	30.08.1983	-	-	22.01.1987	-	04.01.1978	-	-
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	-	-
17	Yemen	06.03.1979	06.03.1979	11.01.2012	06.03.1979	-	11.01.2012	14.02.2005	-	06.03.1979	-	-
	Entry in to force	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	-	28.11.1981

STATUS OF MARPOL 78/78  
 (Date of Deposit of Instruments)  
 As on 31 December 2013

Sr No.	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	—	13.05.1992	—
14	Sri Lanka	24.06.1997	24.06.1997	24.06.1997	24.06.1997	—
15	Sudan	—	—	—	—	—
16	Tanzania	23.07.2008	23.07.2008	23.07.2008	23.07.2008	—
17	Yemen	—	—	—	—	—
Entry in to force		02.10.1983	01.07.1992	27.09.2003	31.12.1988	19.05.2005

## STATISTICS

A total of 5320 inspections were carried out in 2013. Out of these 5320 inspections, 2961 inspections had deficiencies and the total numbers of deficiencies were 13777.

Serious deficiencies noted by PSCOs led to the detention of 376 ships. The detentions allow for the rectification of the serious deficiencies prior to the ships departure; the overall detention percentage for the year is 7.07%. There is increase in total number of inspections in 2013, compared with those in 2012; whereas, the detention percentage decreased from 08.57% recorded in 2012.

The average number of deficiencies per inspection in 2013 (2.58) has slightly decreased compared to the previous year (2.95).

The information given in the following tables and charts represents the port State control activities of Australia, France, India, Iran, Kenya, Oman, South Africa, Sudan, & Yemen. The rest of the member Authorities are trying to develop 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 account<sup>1</sup>.

A joint CIC on Propulsion and Auxiliary Machinery was held jointly with the Paris and the Tokyo MOUs in 2013. The consolidated report on CIC activities in the Indian Ocean region is provided in this Annual Report.

## PORT STATE CONTROL INSPECTION ACTIVITIES

## STATISTICS FOR 2013

## PORT STATE CONTROL INSPECTIONS CARRIED OUT BY AUTHORITIES

Authority	Number of Inspections	Number of Inspections with deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage
Australia <sup>1</sup>	3342	1935	8186	233	6.97
France	54	40	254	2	3.70
India	705	524	2909	74	10.50
Iran	430	259	1557	53	12.33
Kenya	443	146	574	10	2.26
Oman <sup>1</sup>	3	2	4	0	0.00
South Africa <sup>1</sup>	284	41	236	4	1.41
Sudan	6	1	1	0	0.00
Yemen	53	13	56	0	0.00
<b>Total</b>	<b>5320</b>	<b>2961</b>	<b>13777</b>	<b>376</b>	<b>7.07</b>

<sup>1</sup> See comment on page 21 regarding Australia, South Africa, and Oman data duplication between IOMOU and Tokyo MOU, Abuja MOU and Riyadh MOU.

Table: 1.

## Deficiencies by Type of Ship

Type of Ship	Number of Inspections	Number of Inspections with Deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage	Percentage of Inspections with Deficiencies
NLS Tanker *	15	8	21	2	13.33	53.33
Oil Tanker	323	137	527	19	5.88	42.41
Gas Carrier	75	36	99	4	5.33	48.00
Chemical Tanker	315	154	616	13	4.13	48.89
Bulk Carrier	2766	1586	7043	185	6.69	57.34
Vehicle Carrier	186	77	251	7	3.76	41.40
Container Ship	566	281	1388	38	6.71	49.65
Ro-Ro Cargo Ship	103	35	203	8	7.77	33.98
General Cargo / Multipurpose ship	572	392	2253	61	10.66	68.53
Refrigerated Cargo Carrier	28	14	108	3	10.71	50.00
Woodchip Carrier	54	29	117	3	5.56	53.70
Livestock Carrier	44	40	228	5	11.36	90.91
Ro-Ro Passenger Ship	3	3	46	2	66.67	100.00
Passenger Ship	49	27	129	1	2.04	55.10
Heavy Load Carrier	60	36	147	5	8.33	60.00
Offshore Service Vessel	49	29	241	10	20.41	59.18
Special Purpose Ship	6	4	32	1	16.67	66.67
High Speed Passenger Craft	1	1	19	0	0.00	100.00
Tugboat	63	40	158	3	4.76	63.49
Other Types of Ship	42	32	151	6	14.29	76.19
<b>Total</b>	<b>5320</b>	<b>2961</b>	<b>13777</b>	<b>376</b>		

\* Earlier known to be Tanker not otherwise specified.

Table: 2

## Deficiencies by Flag

Flag	Number of Inspections	Number of Inspections With Deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage
Antigua and Barbuda	131	78	385	14	10.69
Bahamas	199	91	360	9	4.52
Bangladesh	20	20	175	6	30.00
Barbados	6	5	18	0	0.00
Belgium	13	5	15	0	0.00
Belize	12	11	80	2	16.67
Bermuda (UK)	17	7	23	0	0.00
Brazil	1	1	8	0	0.00
Cambodia	2	2	9	0	0.00
Cayman Islands (UK)	37	11	32	1	2.70
China	145	73	234	3	2.07
Comoros	5	5	78	1	20.00
Cook Islands	6	5	20	0	0.00
Croatia	11	4	14	0	0.00
Curacao (NL)*	2	1	1	0	0.00
Cyprus	108	77	266	7	6.48
Denmark	13	7	25	1	7.69
Dominica	5	3	29	0	0.00
Egypt	4	4	30	1	25.00
Ethiopia	3	3	17	0	0.00
France	4	1	2	0	0.00
Germany	23	9	56	4	17.39
Gibraltar (UK)	31	19	81	1	3.23
Greece	95	49	183	9	9.47
Hong Kong, China	563	296	1223	24	4.26
India	23	13	49	1	4.35
Indonesia	11	10	78	4	36.36
Iran	6	4	36	2	33.33
Isle of Man (UK)	69	29	77	3	4.35
Israel	1	0	0	0	0.00
Italy	62	34	163	5	8.06
Japan	59	22	58	5	8.47
Kiribati	2	2	17	0	0.00
Korea, Republic of	88	52	227	2	2.27
Kuwait	5	3	22	1	20.00
Liberia	526	277	1132	37	7.03
Luxembourg	8	4	16	0	0.00
Madagascar	1	1	29	1	100.00
Malaysia	11	7	16	1	9.09
Malta	235	130	575	18	7.66
Marshall Islands	383	205	838	25	6.53
Mauritius	1	0	0	0	0.00

\* Flag Netherland Antilles changed to Curacao with effect from 10.10.2010.

Table: 2 (Contd.)

## Deficiencies by Flag

Flag	Number of Inspections	Number of Inspections With Deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage
Moldova	3	3	32	3	100.00
Mongolia	5	5	48	2	40.00
Montenegro	2	0	0	0	0.00
Myanmar	3	3	19	0	0.00
Netherlands	64	32	129	5	7.81
New Zealand	1	1	2	0	0.00
Nigeria	1	1	33	1	100.00
Norway	72	33	99	1	1.39
Pakistan	1	1	6	0	0.00
Panama	1355	790	3827	96	7.08
Papua New Guinea	14	11	60	2	14.29
Philippines	45	30	137	3	6.67
Portugal	3	1	2	1	33.33
Qatar	2	2	25	1	50.00
Russian Federation	2	2	7	0	0.00
Saint Kitts and Nevis	12	12	175	9	75.00
Saint Vincent and the Grenadines	62	54	349	10	16.13
Samoa	1	1	6	0	0.00
Saudi Arabia	3	1	4	0	0.00
Seychelles	1	0	0	0	0.00
Ships registration withdrawn	1	1	6	0	0.00
Sierra Leone	8	7	69	3	37.50
Singapore	447	220	946	17	3.80
Solomon Islands	1	1	3	0	0.00
Sri Lanka	1	1	4	0	0.00
Sweden	9	2	10	1	11.11
Switzerland	6	3	12	1	16.67
Taiwan, Chin a	14	7	28	1	7.14
Tanzania	26	20	208	9	34.62
Thailand	20	14	107	3	15.00
Togo	7	6	119	3	42.86
Tonga	1	1	8	1	100.00
Turkey	28	14	80	2	7.14
Tuvalu	17	12	82	3	17.65
United Arab Emirates	4	4	20	2	50.00
United Kingdom	61	28	83	1	1.64
United States of America	7	4	19	0	0.00
Vanuatu	19	13	78	1	5.26
Viet Nam	44	40	238	6	13.64
<b>Total</b>	<b>5320</b>	<b>2961</b>	<b>13777</b>	<b>376</b>	

Table: 3

## Deficiencies by Categories

Code	Nature Of Deficiencies	Number of Deficiencies	Percentage
011	Certificate & Documentation - Ship Certificates	324	2.35
012	Certificate & Documentation - Crew Certificates	230	1.67
013	Certificate & Documentation - Documents	676	4.91
021	Structural Conditions	513	3.72
031	Water/Weathertight conditions	697	5.06
041	Emergency Systems	699	5.07
051	Radio Communications	620	4.50
061	Cargo operations including equipment	146	1.06
071	Fire safety	2049	14.87
081	Alarms	154	1.12
091	Living Conditions	264	1.92
092	Working Conditions	1138	8.26
101	Safety of Navigation	2174	15.78
111	Life saving appliances	1452	10.54
121	Dangerous goods	16	0.12
131	Propulsion and auxiliary machinery	699	5.07
141	Pollution prevention - Marpol Annex I	291	2.11
142	Pollution prevention - Marpol Annex II	2	0.01
143	Pollution prevention - Marpol Annex III	3	0.02
144	Pollution prevention - Marpol Annex IV	205	1.49
145	Pollution prevention - Marpol Annex V	247	1.79
146	Pollution prevention - Marpol Annex VI	58	0.42
151	ISM	707	5.13
161	ISPS	30	0.22
171	Other	184	1.34
181	Minimum requirements for seafarers	13	0.09
182	Labour Conditions - Conditions of employment	30	0.22
183	Accommodation recreational facilities F and C	127	0.92
184	Health protection, medical care, social security	29	0.21
	<b>Total</b>	<b>13777</b>	

Table: 4

## Deficiencies by Recognised Organisation

Recognised Organisation	Abbreviation	Number of Inspections	Number of Inspections with Deficiencies	Number of Detentions *	Detention Percentage
American Bureau of Shipping	ABS	511	247	33	6.46
Belize Maritime Bureau Inc.	BMB	1	1	0	0.00
Biro Klasifikasi Indonesia	BKI	2	2	1	50.00
Bureau Securitas	BS	1	0	0	0.00
Bureau Veritas	BV	560	346	47	8.39
China Classification Society	CCS	343	178	10	2.92
China Corporation Register of Shipping	CCRS	6	2	0	0.00
Croatian Register of Shipping	CRS	7	2	0	0.00
Det Norske Veritas	DNV	421	196	14	3.33
Dromon Bureau of Shipping	DBS	3	3	3	100.00
Germanischer Lloyd	GL	547	309	49	8.96
Indian Register of Shipping	IRS	25	17	3	12.00
Inspeccion y Clasificacion Maritima	INCLAMAR	1	1	1	100.00
Intermaritime Certification Services S.A.	INCS	1	1	0	0.00
International Naval Surveys Bureau	INSB	9	9	4	44.44
International Register of Shipping	IS	16	15	9	56.25
International Ship Classification	ISC	2	2	1	50.00
Iranian Classification Society	IRCS	5	3	2	40.00
Isthmus Bureau of Shipping, S.A	IBS	2	1	1	50.00
Korean Register of Shipping	KRS	283	151	11	3.89
Lloyd's Register	LR	679	351	42	6.19
Maritime Bureau of Shipping	MBS	2	2	2	100.00
Nippon Kaiji Kyokai	NKK	1642	942	106	6.46
No Class	NOCL	6	2	0	0.00
NV Unitas	UN	3	1	1	33.33
Other **		19	17	8	42.11
Panama Register Corporation	PRC	1	1	1	100.00
Panama Shipping Registrar Inc.	PSR	1	1	0	0.00
Polski Rejestr Statkow	PRS	3	2	0	0.00
Registro Italiano Navale	RINA	154	99	16	10.39
Russian Maritime Register of Shipping	RMRS	24	21	4	16.67
Turkish Lloyd	TL	1	0	0	0.00
Viet Nam Register	VR	39	36	7	17.95
<b>Total</b>		<b>5320</b>	<b>2961</b>	<b>376</b>	

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 Venezuelan Register of shipping, Intertek Maritime Bureau, International Maritime Registry, American Register of Shipping, Columbus American Register, IMR, Bulgarian Register of Shipping, ITMB, Caspian Register of Shipping, VRS, Registrar of Shipping- TZ, etc. are included in this RO.

Table: 5

## Comparison of Inspections and Deficiencies per Ship Type

Type of Ship	Number of Inspections				Number of Inspection with Deficiencies				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
NLS Tanker*	12	17	15	44	3	8	8	19	43.18
Combination Carrier	1	0	0	1	1	0	0	1	100.00
Oil Tanker	494	360	323	1177	194	130	137	461	39.17
Gas Carrier	84	74	75	233	24	22	36	82	35.19
Chemical Tanker	326	306	315	947	170	150	154	474	50.05
Bulk Carrier	2680	2615	2766	8061	1693	1493	1586	4772	59.20
Vehicle Carrier	125	183	186	494	56	68	77	201	40.69
Container Ship	645	524	566	1735	316	256	281	853	49.16
Ro-Ro Cargo Ship	68	50	103	221	32	26	35	93	42.08
General Cargo / Multipurpose Ship	767	579	572	1918	593	425	392	1410	73.51
Refrigerated Cargo Carrier	35	23	28	86	11	10	14	35	40.70
Woodchip Carrier	67	54	54	175	47	35	29	111	63.43
Livestock Carrier	34	29	44	107	28	22	40	90	84.11
Ro-Ro Passenger Ship	1	4	3	8	1	4	3	8	100.00
Passenger Ship	42	47	49	138	23	25	27	75	54.35
Factory ship	1	0	0	1	0	0	0	0	0.00
Heavy Load Carrier	23	56	60	139	15	38	36	89	64.03
Offshore Service Vessel	62	45	49	156	37	28	29	94	60.26
MODU & FPSO	3	4	0	7	3	4	0	7	100.00
Special Purpose Ship	7	11	6	24	6	8	4	18	75.00
High Speed Passenger Craft	0	0	1	1	0	0	1	1	100.00
Tugboat	31	44	63	138	22	29	40	91	65.94
Other Type of Ship	42	26	42	110	32	19	32	83	75.45
<b>Total</b>	<b>5550</b>	<b>5051</b>	<b>5320</b>	<b>15921</b>	<b>3307</b>	<b>2800</b>	<b>2961</b>	<b>9068</b>	<b>56.96</b>

\* Earlier known to be Tanker not otherwise specified.

Table: 6

## Comparison of Inspections and Detentions per Ship Type

Type of Ship	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
NLS Tanker*	12	17	15	44	0	1	2	3	6.82
Combination Carrier	1	0	0	1	1	0	0	1	100.00
Oil Tanker	494	360	323	1177	37	31	19	87	7.39
Gas Carrier	84	74	75	233	3	2	4	9	3.86
Chemical Tanker	326	306	315	947	29	32	13	74	7.81
Bulk Carrier	2680	2615	2766	8061	268	190	185	643	7.98
Vehicle Carrier	125	183	186	494	7	4	7	18	3.64
Container Ship	645	524	566	1735	63	38	38	139	8.01
Ro-Ro Cargo Ship	68	50	103	221	6	6	8	20	9.05
General Cargo / Multipurpose Ship	767	579	572	1918	137	94	61	292	15.22
Refrigerated Cargo Carrier	35	23	28	86	1	2	3	6	6.98
Woodchip Carrier	67	54	54	175	6	3	3	12	6.86
Livestock Carrier	34	29	44	107	7	3	5	15	14.02
Ro-Ro Passenger Ship	1	4	3	8	0	2	2	4	50.00
Passenger Ship	42	47	49	138	0	2	1	3	2.17
Factory ship	1	0	0	1	0	0	0	0	0.00
Heavy Load Carrier	23	56	60	139	2	6	5	13	9.35
Offshore Service Vessel	62	45	49	156	18	9	10	37	23.72
MODU & FPSO	3	4	0	7	0	0	0	0	0.00
Special Purpose Ship	7	11	6	24	1	1	1	3	12.50
High Speed Passenger Craft	0	0	1	1	0	0	0	0	0.00
Tugboat	31	44	63	138	5	2	3	10	7.25
Other Types of Ship	42	26	42	110	9	5	6	20	18.18
<b>Total</b>	<b>5550</b>	<b>5051</b>	<b>5320</b>	<b>15921</b>	<b>600</b>	<b>433</b>	<b>376</b>	<b>1409</b>	<b>8.85</b>

\* Earlier known to be Tanker Not Otherwise Specified.

Table: 7

## Comparison of Inspections and Detentions per Flag

Flag	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
Algeria	1	0	0	1	0	0	0	0	0.00
Antigua and Barbuda	149	114	131	394	23	20	14	57	14.47
Bahamas	192	161	199	552	16	7	9	32	5.80
Bahrain	3	0	0	3	2	0	0	2	66.67
Bangladesh	28	22	20	70	11	9	6	26	37.14
Barbados	26	9	6	41	4	1	0	5	12.20
Belgium	20	8	13	41	1	1	0	2	4.88
Belize	8	9	12	29	2	0	2	4	13.79
Bermuda (UK)	21	18	17	56	1	0	0	1	1.79
Bolivia	2	3	0	5	0	1	0	1	20.00
Brazil	0	0	1	1	0	0	0	0	0.00
Bulgaria	0	1	0	1	0	0	0	0	0.00
Cambodia	1	1	2	4	0	1	0	1	25.00
Cayman Islands (UK)	26	26	37	89	1	1	1	3	3.37
China	112	149	145	406	8	7	3	18	4.43
Comoros	22	13	5	40	13	5	1	19	47.50
Cook Islands	6	4	6	16	1	0	0	1	6.25
Croatia	11	6	11	28	0	0	0	0	0.00
Curacao (NL)	5	5	2	12	1	0	0	1	8.33
Cyprus	155	116	108	379	17	10	7	34	8.97
Denmark	14	18	13	45	0	1	1	2	4.44
Dominica	5	10	5	20	1	2	0	3	15.00
Egypt	8	6	4	18	2	1	1	4	22.22
Ethiopia	4	0	3	7	2	0	0	2	28.57
Fiji	1	0	0	1	0	0	0	0	0.00
France	9	6	4	19	0	0	0	0	0.00
Georgia	9	0	0	9	0	0	0	0	0.00
Germany	31	21	23	75	2	0	4	6	8.00
Gibraltar (UK)	16	19	31	66	2	2	1	5	7.58
Greece	94	77	95	266	5	6	9	20	7.52
Hong Kong, China	505	480	563	1548	36	21	24	81	5.23
India	45	37	23	105	4	2	1	7	6.67
Indonesia	14	10	11	35	2	4	4	10	28.57
Iran	3	0	6	9	3	0	2	5	55.56
Ireland	1	1	0	2	0	0	0	0	0.00
Isle of Man (UK)	46	63	69	178	1	3	3	7	3.93
Israel	0	0	1	1	0	0	0	0	0.00
Italy	62	65	62	189	1	2	5	8	4.23
Japan	59	63	59	181	0	3	5	8	4.42
Jordan	1	2	0	3	1	1	0	2	66.67

Table: 7 (Contd.)

## Comparison of Inspections and Detentions per Flag

Flag	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
Kiribati	5	2	2	9	3	1	0	4	44.44
Korea, Democratic People's Republic	14	4	0	18	4	1	0	5	27.78
Korea, Republic of	123	94	88	305	16	9	2	27	8.85
Kuwait	7	4	5	16	2	0	1	3	18.75
Lebanon	1	0	0	1	0	0	0	0	0.00
Liberia	545	505	526	1576	43	37	37	117	7.42
Libya	2	2	0	4	0	0	0	0	0.00
Luxembourg	6	3	8	17	1	1	0	2	11.76
Madagascar	0	0	1	1	0	0	1	1	100.00
Malaysia	44	17	11	72	8	1	1	10	13.89
Maldives	3	2	0	5	2	2	0	4	80.00
Malta	261	231	235	727	21	15	18	54	7.43
Marshall Islands	304	303	383	990	20	20	25	65	6.57
Mauritius	2	4	1	7	1	0	0	1	14.29
Moldova	3	4	3	10	3	3	3	9	90.00
Mongolia	13	4	5	22	7	2	2	11	50.00
Montenegro	0	0	2	2	0	0	0	0	0.00
Myanmar	15	6	3	24	1	0	0	1	4.17
Namibia	0	1	0	1	0	0	0	0	0.00
Netherlands	45	47	64	156	2	4	5	11	7.05
New Zealand	2	1	1	4	0	0	0	0	0.00
Nigeria	0	0	1	1	0	0	1	1	100.00
Norway	57	49	72	178	6	0	1	7	3.93
Oman	0	1	0	1	0	1	0	1	100.00
Pakistan	5	3	1	9	1	1	0	2	22.22
Panama	1478	1356	1355	4189	171	119	96	386	9.21
Papua New Guinea	10	14	14	38	2	5	2	9	23.68
Philippines	48	43	45	136	2	5	3	10	7.35
Portugal	1	1	3	5	0	1	1	2	40.00
Qatar	3	1	2	6	0	0	1	1	16.67
Russian Federation	5	5	2	12	0	0	0	0	0.00
Saint Kitts and Nevis	18	16	12	46	11	6	9	26	56.52
Saint Vincent and the Grenadines	105	59	62	226	21	14	10	45	19.91
Samoa	2	2	1	5	0	0	0	0	0.00
Saudi Arabia	11	5	3	19	1	1	0	2	10.53
Seychelles	0	1	1	2	0	0	0	0	0.00
Ships registration withdrawn	0	0	1	1	0	0	0	0	0.00
Sierra Leone	8	16	8	32	4	4	3	11	34.38
Singapore	380	393	447	1220	33	21	17	71	5.82
Solomon Islands	0	0	1	1	0	0	0	0	0.00

Table: 7 (Contd.)

## Comparison of Inspections and Detentions per Flag

Flag	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
Sri Lanka	5	6	1	12	1	2	0	3	25.00
Sweden	14	13	9	36	0	1	1	2	5.56
Switzerland	11	7	6	24	1	1	1	3	12.50
Syrian Arab Republic	2	1	0	3	0	0	0	0	0.00
Taiwan, China	21	21	14	56	3	2	1	6	10.71
Tanzania	12	38	26	76	5	10	9	24	31.58
Thailand	31	18	20	69	5	2	3	10	14.49
Togo	5	7	7	19	3	1	3	7	36.84
Tonga	4	1	1	6	2	0	1	3	50.00
Turkey	49	48	28	125	5	5	2	12	9.60
Tuvalu	12	25	17	54	3	6	3	12	22.22
Ukraine	0	1	0	1	0	1	0	1	100.00
United Arab Emirates (UAE)	16	15	4	35	3	6	2	11	31.43
United Kingdom	60	52	61	173	4	2	1	7	4.05
United States of America	10	8	7	25	0	1	0	1	4.00
Vanuatu	19	20	19	58	3	2	1	6	10.34
Viet Nam	38	28	44	110	13	6	6	25	22.73
<b>Total</b>	<b>5550</b>	<b>5051</b>	<b>5320</b>	<b>15921</b>	<b>600</b>	<b>433</b>	<b>376</b>	<b>1409</b>	<b>8.85</b>

Table: 8

**Comparison of Deficiencies by Categories**

Code	Nature of Deficiencies	Number of Deficiencies YEAR		
		2011	2012	2013
011	Certificate & Documentation - Ship Certificates	514	365	324
012	Certificate & Documentation - Crew Certificates	302	275	230
013	Certificate & Documentation - Documents	943	647	676
021	Structural Conditions	775	690	513
031	Water/Weather conditions	1395	854	697
041	Emergency Systems	652	654	699
051	Radio Communications	944	716	620
061	Cargo operations including equipment	111	217	146
071	Fire safety	2750	2254	2049
081	Alarms	165	146	154
091	Living Conditions	424	259	264
092	Working Conditions	1812	1191	1138
101	Safety of Navigation	2948	2360	2174
111	Life saving appliances	1750	1560	1452
121	Dangerous goods	60	25	16
131	Propulsion and auxiliary machinery	1444	930	699
141	Pollution prevention - Marpol Annex I	514	314	291
142	Pollution prevention - Marpol Annex II	3	6	2
143	Pollution prevention - Marpol Annex III	7	2	3
144	Pollution prevention - Marpol Annex IV	239	198	205
145	Pollution prevention - Marpol Annex V	158	140	247
146	Pollution prevention - Marpol Annex VI	43	66	58
151	ISM	922	775	707
161	ISPS	64	43	30
171	Other	285	263	184
181	Minimum requirements for seafarers	0	0	13
182	Labour Conditions - Conditions of employment	0	0	30
183	Accommodation recreational facilities F and C	0	0	127
184	Health protection, medical care, social security	0	0	29
	<b>Total</b>	<b>19224</b>	<b>14950</b>	<b>13777</b>

Table: 9

## Comparison of Inspections and Deficiencies per Recognised Organisation

Recognised Organisation	Number of Inspections				Number of Inspections with Deficiencies				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
American Bureau of Shipping	471	498	511	1480	241	239	247	727	49.12
Belize Maritime Bureau Inc	0	0	1	1	0	0	1	1	100.00
Belize Register Corporation	1	0	0	1	0	0	0	0	0.00
Biro Klasifikasi Indonesia	10	2	2	14	10	2	2	14	100.00
Bulgarski Koraben Registar	2	0	0	2	1	0	0	1	50.00
Bureau Securitas	0	0	1	1	0	0	0	0	0.00
Bureau Veritas	539	535	560	1634	368	330	346	1044	63.89
China Classification Society	286	306	343	935	178	157	178	513	54.87
China Corporation Register of Shipping	16	13	6	35	10	8	2	20	57.14
Croatian Register of Shipping	8	3	7	18	3	3	2	8	44.44
Det Norske Veritas	507	368	421	1296	271	186	196	653	50.39
Dromon Bureau of Shipping	0	4	3	7	0	3	3	6	85.71
Germanischer Lloyd	589	497	547	1633	341	285	309	935	57.26
Global Marine Bureau Inc.	0	1	0	1	0	1	0	1	100.00
Indian Register of Shipping	30	29	25	84	18	13	17	48	57.14
Inspeccion y Clasificacion Maritima	0	1	1	2	0	1	1	2	100.00
Intermaritime Certification Services S.A.	2	0	1	3	2	0	1	3	100.00
International Naval Surveys Bureau	12	7	9	28	11	5	9	25	89.29
International Register of Shipping	20	18	16	54	16	17	15	48	88.89
International Ship Classification	11	3	2	16	11	2	2	15	93.75
Iranian Classification Society	0	0	5	5	0	0	3	3	60.00
Isthmus Bureau of Shipping ,S.A	8	5	2	15	8	5	1	14	93.33
Korea Classification Society	15	4	0	19	15	4	0	19	100.00
Korean Register of Shipping	310	283	283	876	176	156	151	483	55.14
Lloyd s Register	732	659	679	2070	423	329	351	1103	53.29
Maritime Bureau of Shipping	0	4	2	6	0	3	2	5	83.33
Maritime Lloyd Ltd., Georgia	0	7	0	7	0	7	0	7	100.00
National Shipping Adjusters Inc	1	0	0	1	1	0	0	1	100.00
Nippon Kaiji Kyokai	1607	1547	1642	4796	902	862	942	2706	56.42
NV Unitas	0	4	3	7	0	0	1	1	14.29

Table: 9 (Contd.)

## Comparison of Inspections and Deficiencies per Recognised Organisation

Recognised Organisation	Number of Inspections				Number of Inspections with Deficiencies				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
Overseas Marine Certification Service , Inc.	1	1	0	2	1	0	0	1	50.00
Panama Bureau of Shipping	1	0	0	1	1	0	0	1	100.00
Panama Marine Survey and Certification Services Inc.	0	2	0	2	0	2	0	2	100.00
Panama Maritime Documentation Services	5	1	0	6	5	1	0	6	100.00
Panama Maritime Surveyors Bureau Inc	1	0	0	1	1	0	0	1	100.00
Panama Register Corporation	0	3	1	4	0	2	1	3	75.00
Panama Shipping Registrar Inc	3	0	1	4	2	0	1	3	75.00
Phoenix Register of Shipping S. A.	8	3	0	11	8	2	0	10	90.91
Polski Rejestr Statkow	4	0	3	7	2	0	2	4	57.14
Registro Internacional Naval, S. A.	3	0	0	3	3	0	0	3	100.00
Registro Italiano Navale	181	147	154	482	129	94	99	322	66.80
RINAVE Portuguesa	2	1	0	3	2	1	0	3	100.00
Russian Maritime Register of Shipping	55	35	24	114	49	28	21	98	85.96
Sing Class International Pte Ltd.	0	1	0	1	0	1	0	1	100.00
Sing-Lloyd	0	1	0	1	0	1	0	1	100.00
Turkish Lloyd	7	4	1	12	6	3	0	9	75.00
Ukraine Shipping Register	1	1	0	2	1	1	0	2	100.00
Union Bureau of Shipping	1	0	0	1	1	0	0	1	100.00
Universal Shipping Bureau Inc.	0	1	0	1	0	1	0	1	100.00
Viet Nam Register	43	19	39	101	43	17	36	96	95.05
No Class	7	4	6	17	6	3	2	11	64.71
Other	50	29	19	98	41	25	17	83	84.69
<b>Total</b>	<b>5550</b>	<b>5051</b>	<b>5320</b>	<b>15921</b>	<b>3307</b>	<b>2800</b>	<b>2961</b>	<b>9068</b>	

Table: 10

## Comparison of Inspections and Detentions per Recognised Organisation

Recognised Organisation	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
American Bureau of Shipping	471	498	511	1480	37	26	33	96	6.49
Belize Maritime Bureau Inc	0	0	1	1	0	0	0	0	0.00
Belize Register Corporation	1	0	0	1	0	0	0	0	0.00
Biro Klasifikasi Indonesia	10	2	2	14	1	1	1	3	21.43
Bugarski Koraben Registrar	2	0	0	2	1	0	0	1	50.00
Bureau Securitas	0	0	1	1	0	0	0	0	0.00
Bureau Veritas	539	535	560	1634	73	59	47	179	10.95
China Classification Society	286	306	343	935	18	16	10	44	4.71
China Corporation Register of Shipping	16	13	6	35	3	2	0	5	14.29
Croatian Register of Shipping	8	3	7	18	0	0	0	0	0.00
Det Norske Veritas	507	368	421	1296	39	18	14	71	5.48
Dromon Bureau of Shipping	0	4	3	7	0	1	3	4	57.14
Germanischer Lloyd	589	497	547	1633	68	50	49	167	10.23
Global Marine Bureau Inc.	0	1	0	1	0	1	0	1	100.00
Indian Register of Shipping	30	29	25	84	2	5	3	10	11.90
Inspeccion y C clasificacion Maritima	0	1	1	2	0	0	1	1	50.00
Intermaritime Certification Services S.A.	2	0	1	3	1	0	0	1	33.33
International Register of Shipping	20	18	16	54	9	13	9	31	57.41
International Naval Surveys Bureau	12	7	9	28	9	3	4	16	57.14
International Ship Classification	11	3	2	16	3	2	1	6	37.50
Iranian Classification Society	0	0	5	5	0	0	2	2	40.00
Isthmus Bureau of Shipping ,S.A	8	5	2	15	6	2	1	9	60.00
Korea Classification Society	15	4	0	19	4	1	0	5	26.32
Korean Register of Shipping	310	283	283	876	29	17	11	57	6.51
Lloyd s Register	732	659	679	2070	63	42	42	147	7.10
Maritime Bureau of Shipping	0	4	2	6	0	3	2	5	83.33
Maritime Lloyd Ltd., Georgia	0	7	0	7	0	2	0	2	28.57
National Shipping Adjusters Inc	1	0	0	1	1	0	0	1	100.00
Nippon Kaiji Kyokai	1607	1547	1642	4796	135	121	106	362	7.55
NV Unitas	0	4	3	7	0	0	1	1	14.29

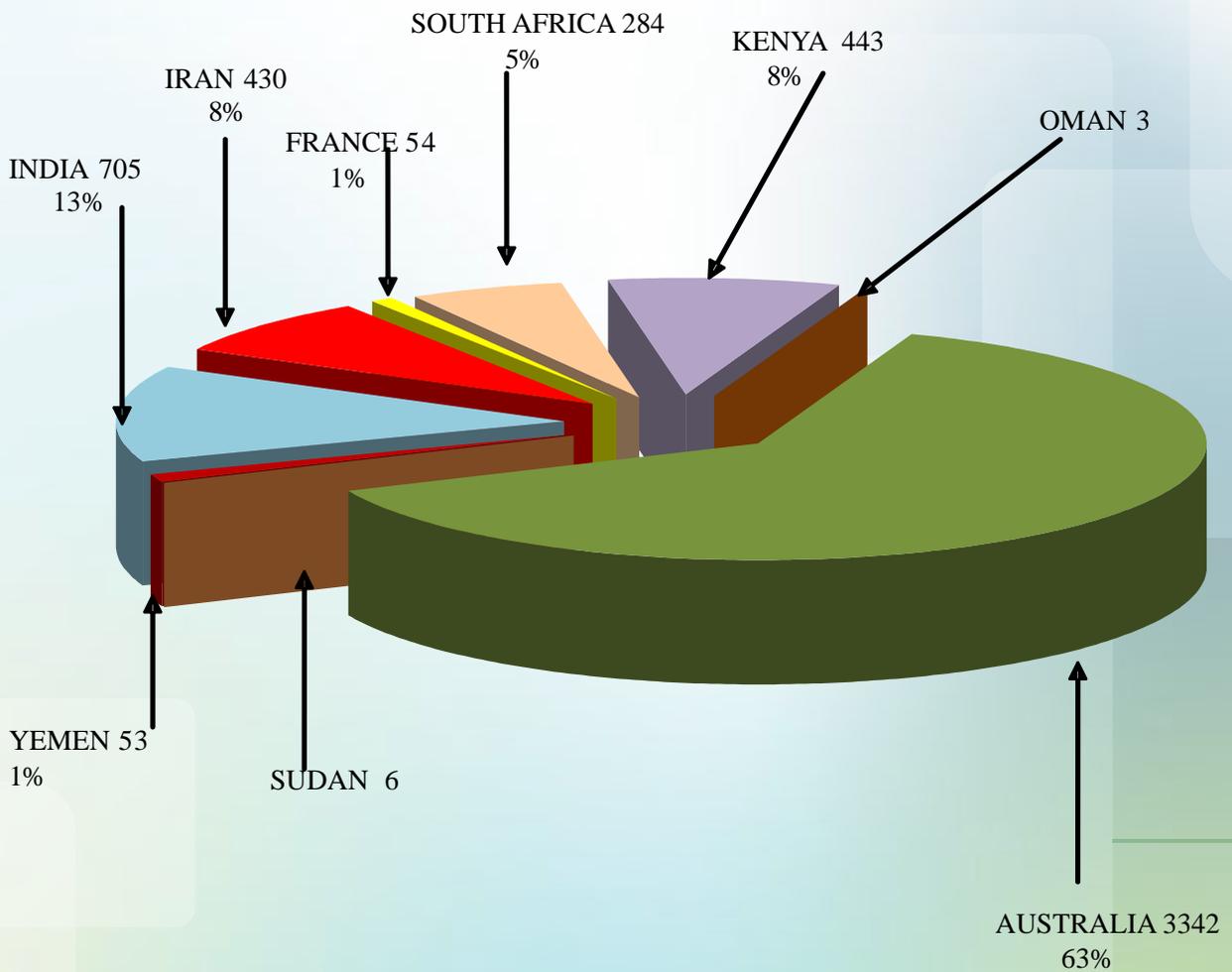
Table: 10 (Contd.)

## Comparison of Inspections and Detentions per Recognised Organisation

Recognised Organisation	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2011	2012	2013	Total	2011	2012	2013	Total	
Overseas Marine Certification Service ,Inc.	1	1	0	2	0	0	0	0	0.00
Panama Bureau of Shipping	1	0	0	1	0	0	0	0	0.00
Panama Marine Survey and Certification Services Inc.	0	2	0	2	0	1	0	1	50.00
Panama Maritime Documentation Services	5	1	0	6	4	1	0	5	83.33
Panama Maritime Surveyors Bureau Inc	1	0	0	1	0	0	0	0	0.00
Panama Register Corporation	0	3	1	4	0	1	1	2	50.00
Panama Shipping Registrar Inc	3	0	1	4	2	0	0	2	50.00
Phoenix Register of Shipping S. A.	8	3	0	11	5	2	0	7	63.64
Polski Rejestr Statkow	4	0	3	7	1	0	0	1	14.29
Registro Internacional Naval , S. A.	3	0	0	3	0	0	0	0	0.00
Registro Italiano Navale	181	147	154	482	28	13	16	57	11.83
RINAVE Portuguesa	2	1	0	3	0	1	0	1	33.33
Russian Maritime Register of Shipping	55	35	24	114	9	4	4	17	14.91
Sing Class International Pte Ltd.	0	1	0	1	0	1	0	1	100.00
Sing-Lloyd	0	1	0	1	0	1	0	1	100.00
Turkish Lloyd	7	4	1	12	4	0	0	4	33.33
Ukraine Shipping Register	1	1	0	2	0	1	0	1	50.00
Union Bureau of Shipping	1	0	0	1	0	0	0	0	0.00
Universal Shipping Bureau Inc.	0	1	0	1	0	1	0	1	100.00
Viet Nam Register	43	19	39	101	19	5	7	31	30.69
No Class	7	4	6	17	3	2	0	5	29.41
Other	50	29	19	98	23	14	8	45	45.92
<b>Total</b>	<b>5550</b>	<b>5051</b>	<b>5320</b>	<b>15921</b>	<b>600</b>	<b>433</b>	<b>376</b>	<b>1409</b>	<b>8.85</b>

## INSPECTION EFFORTS

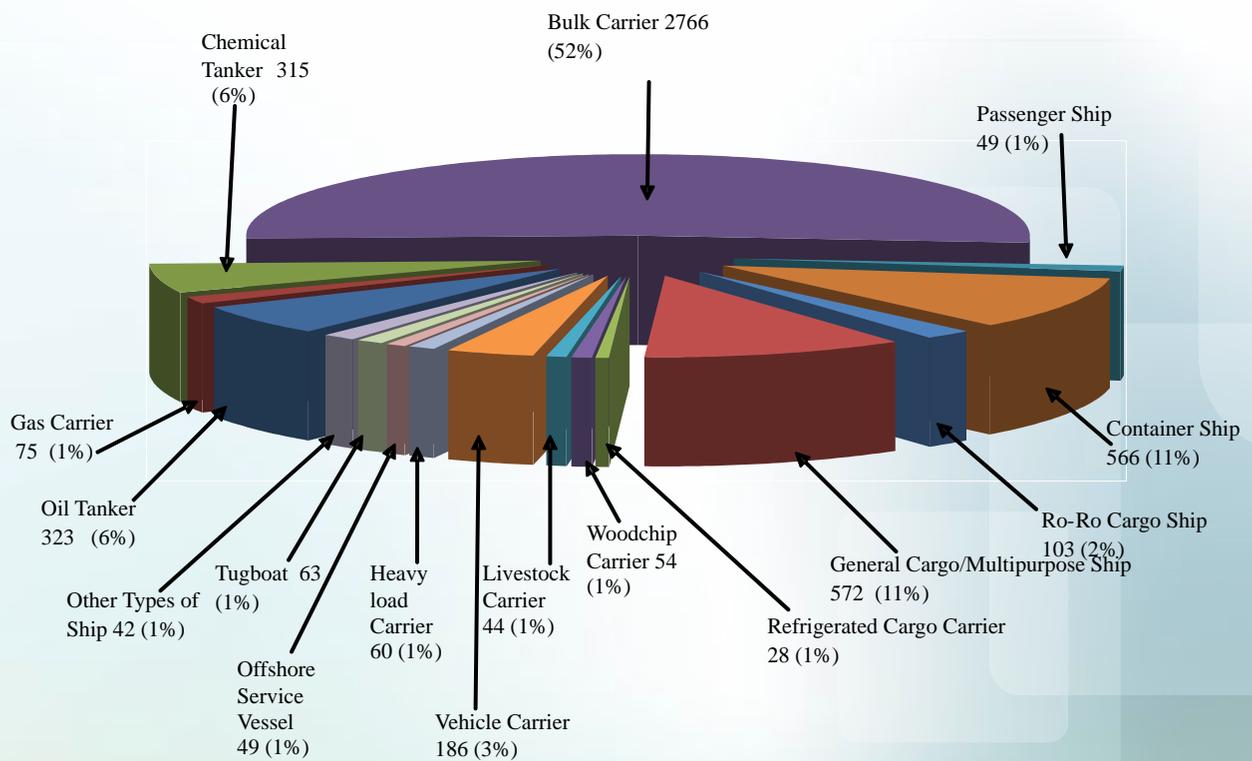
Fig. 1



TOTAL INSPECTIONS : 5320

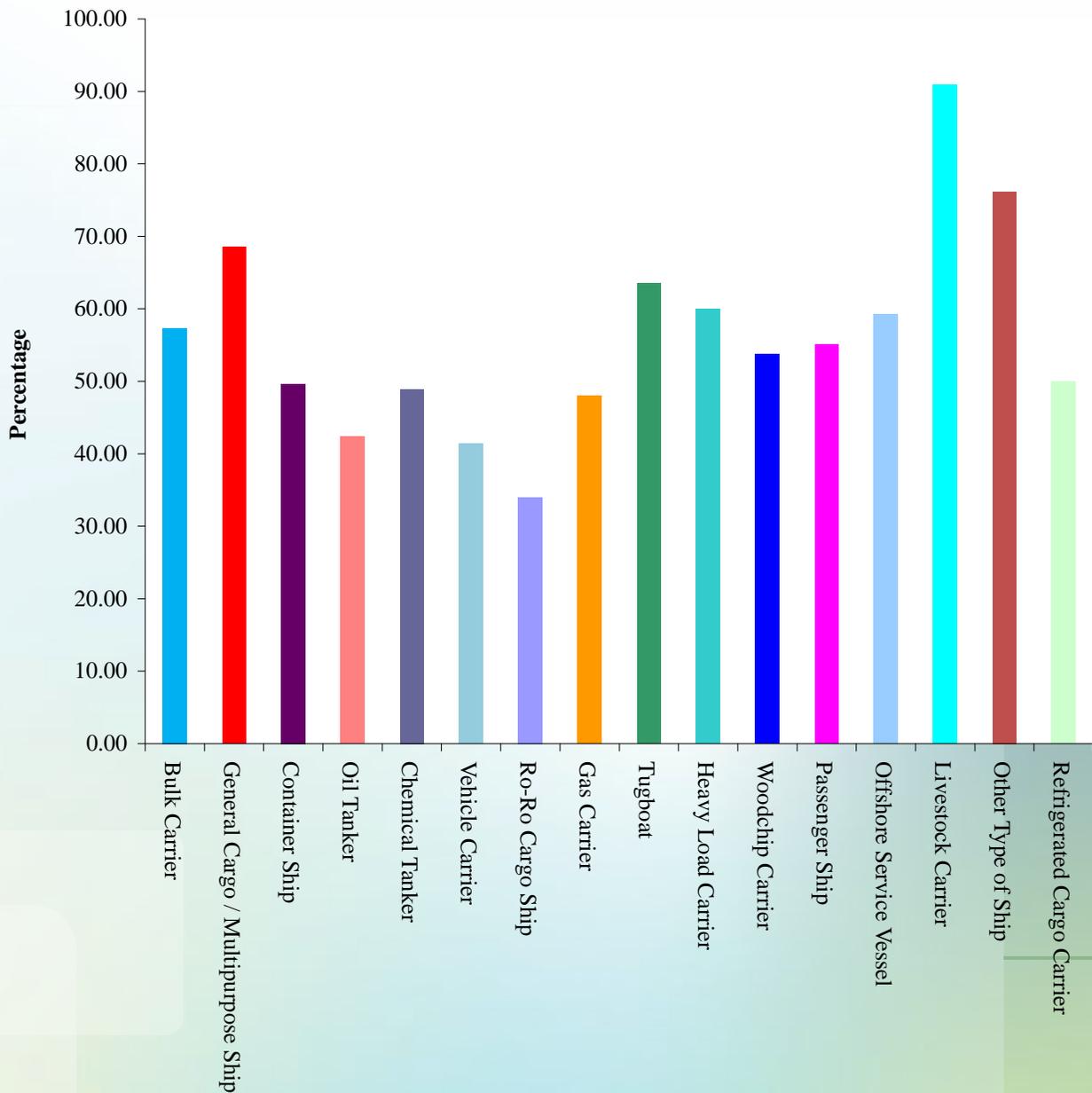
TYPES OF SHIP INSPECTED

Fig. 2



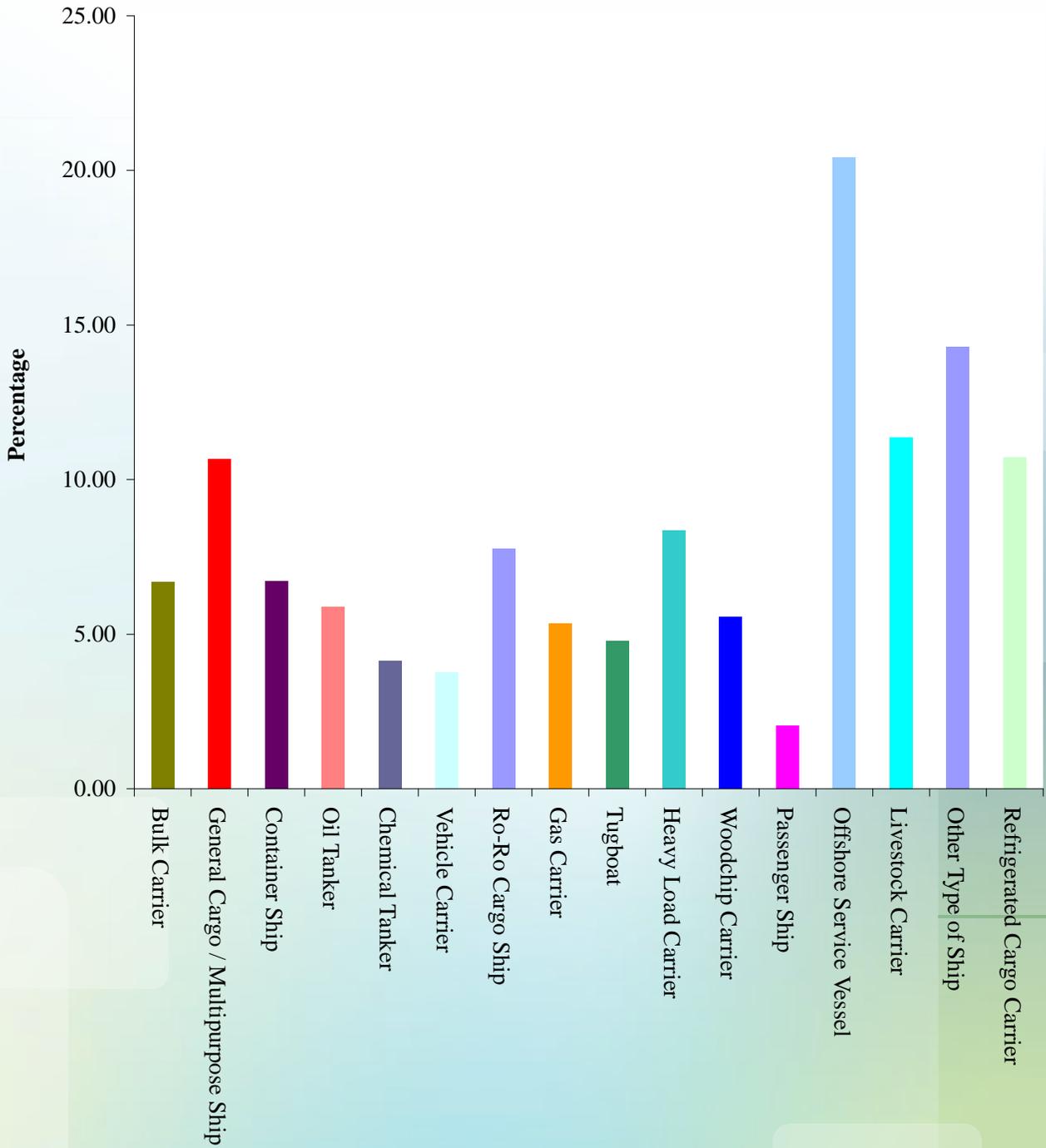
"This graph depicts 20 inspections and above/ Ship Type"

Fig.3 Percentage of Ship Type with Deficiencies



This graph depicts 20 inspections and above / Ship Type

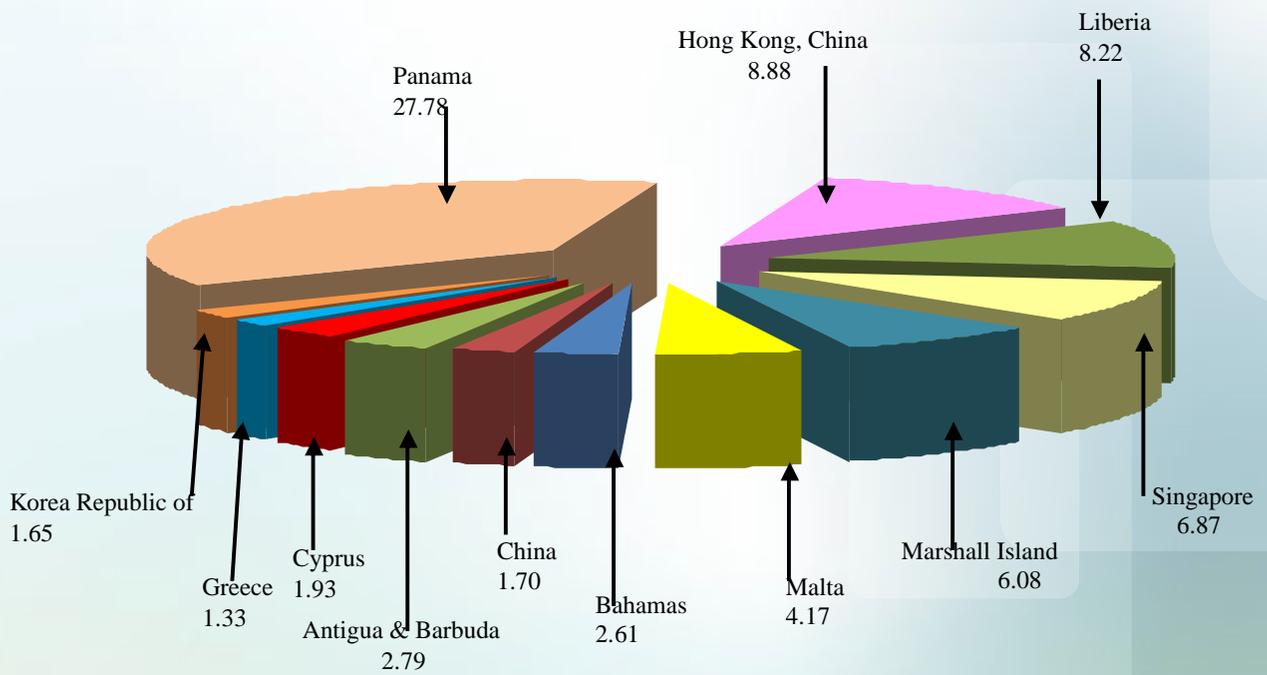
Fig. 4 Percentage of Detention per Ship Type



This graph depicts 20 inspections and above/ Ship Type

### Percentage of Deficiencies per Flag

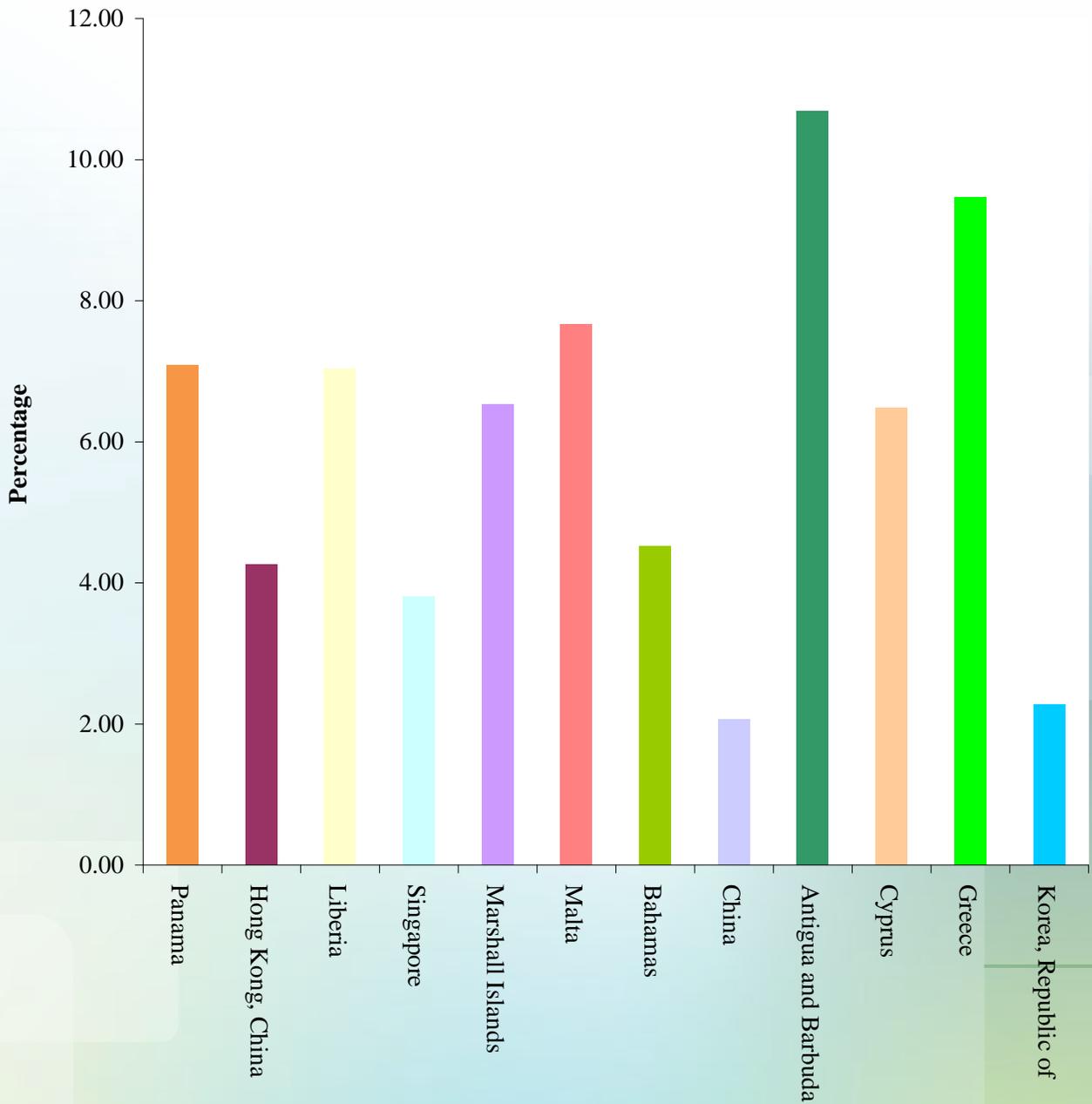
Fig. 5



This graph depicts 75 inspections and above / Flag

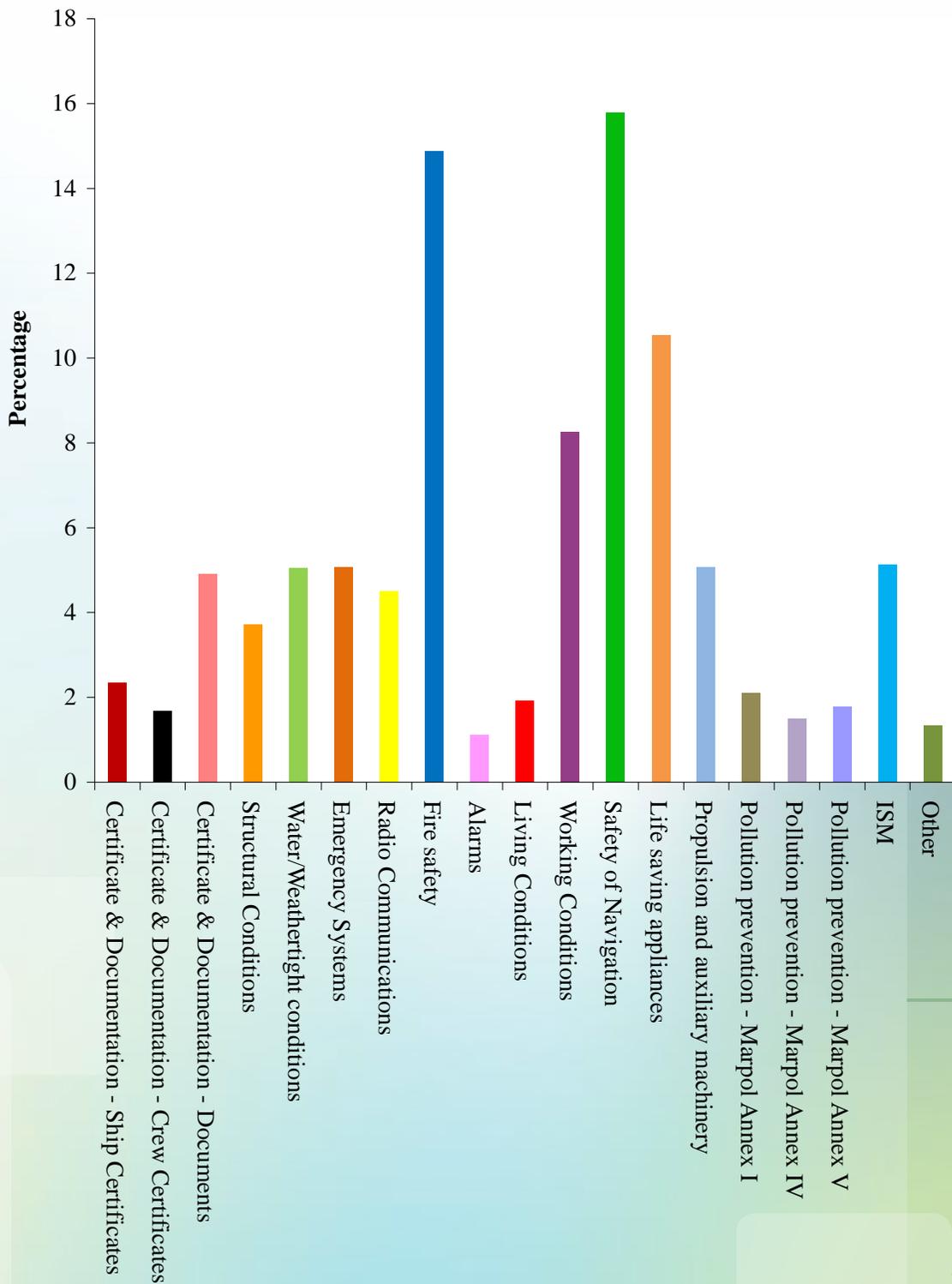
### Percentage of Detentions per Flag

Fig 6



This graph depicts 75 inspections and above/Flag

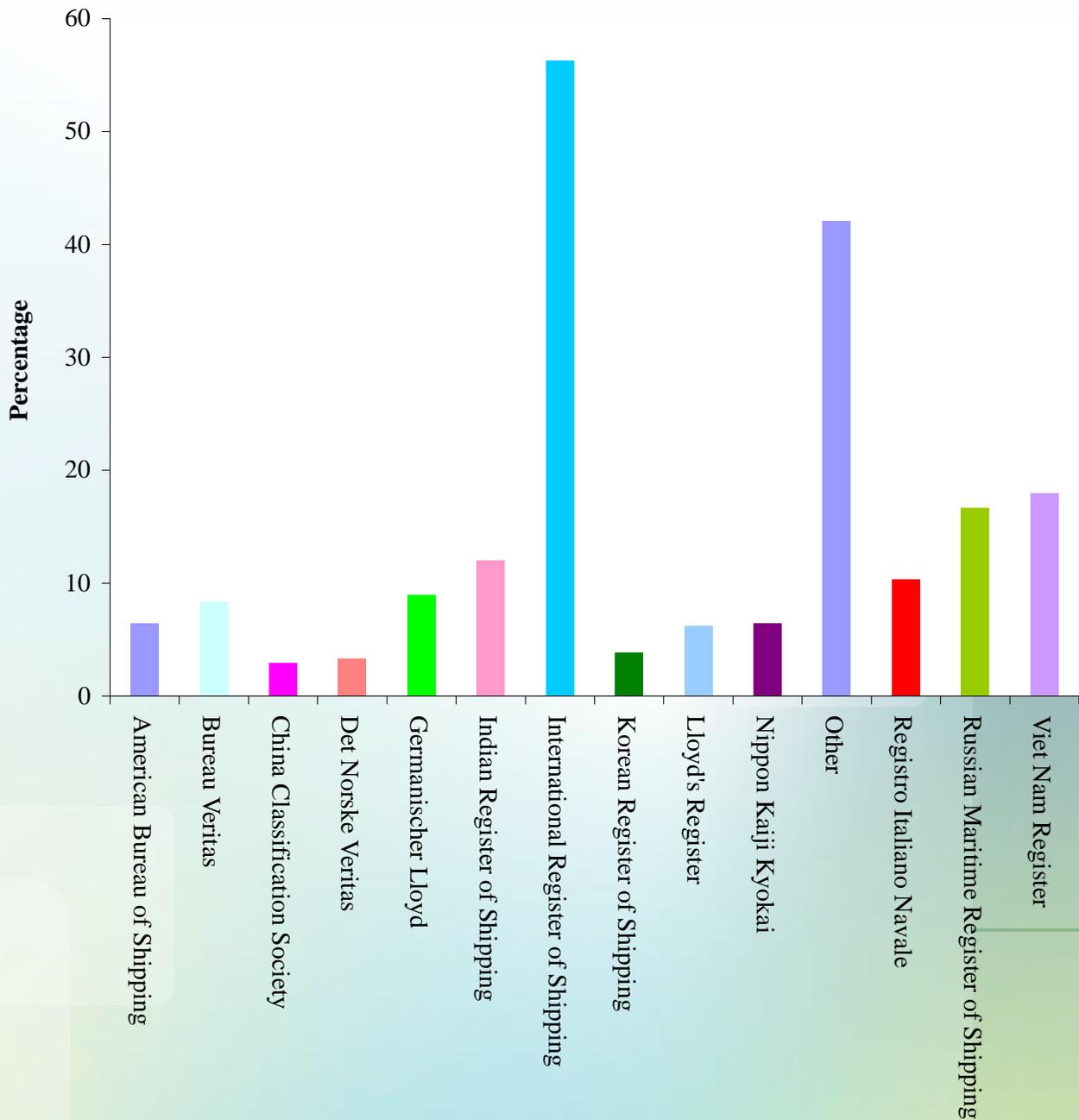
Fig. 7 Deficiency Percentage By Categories



This graph depicts deficiencies percentage 1.5 and above

### Detention Percentage By Recognised Organisation

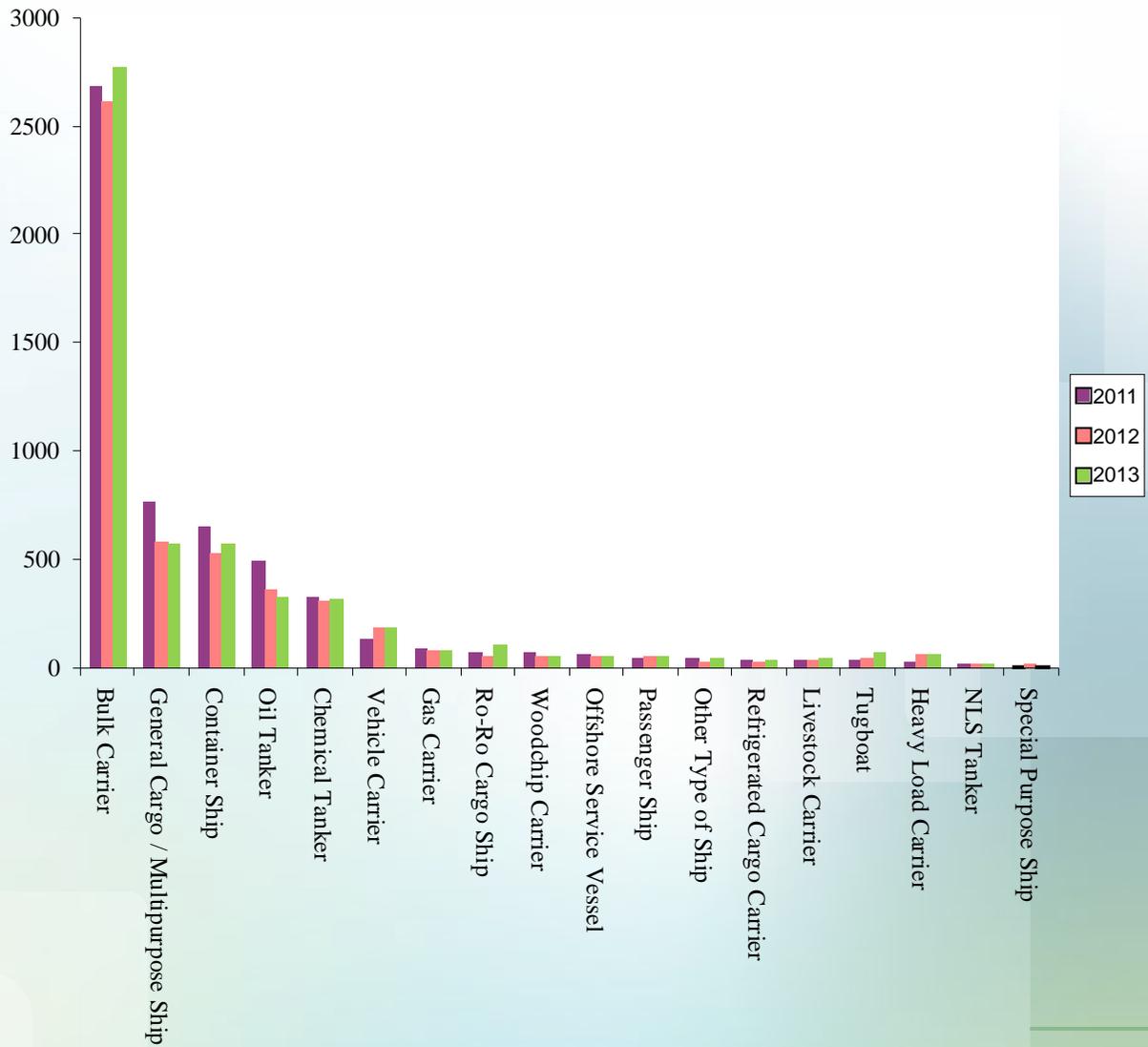
Fig. 8



This graph depicts inspections of 10 Ships and above/Recognised Organisation

Comparison of Inspections per Ship Type

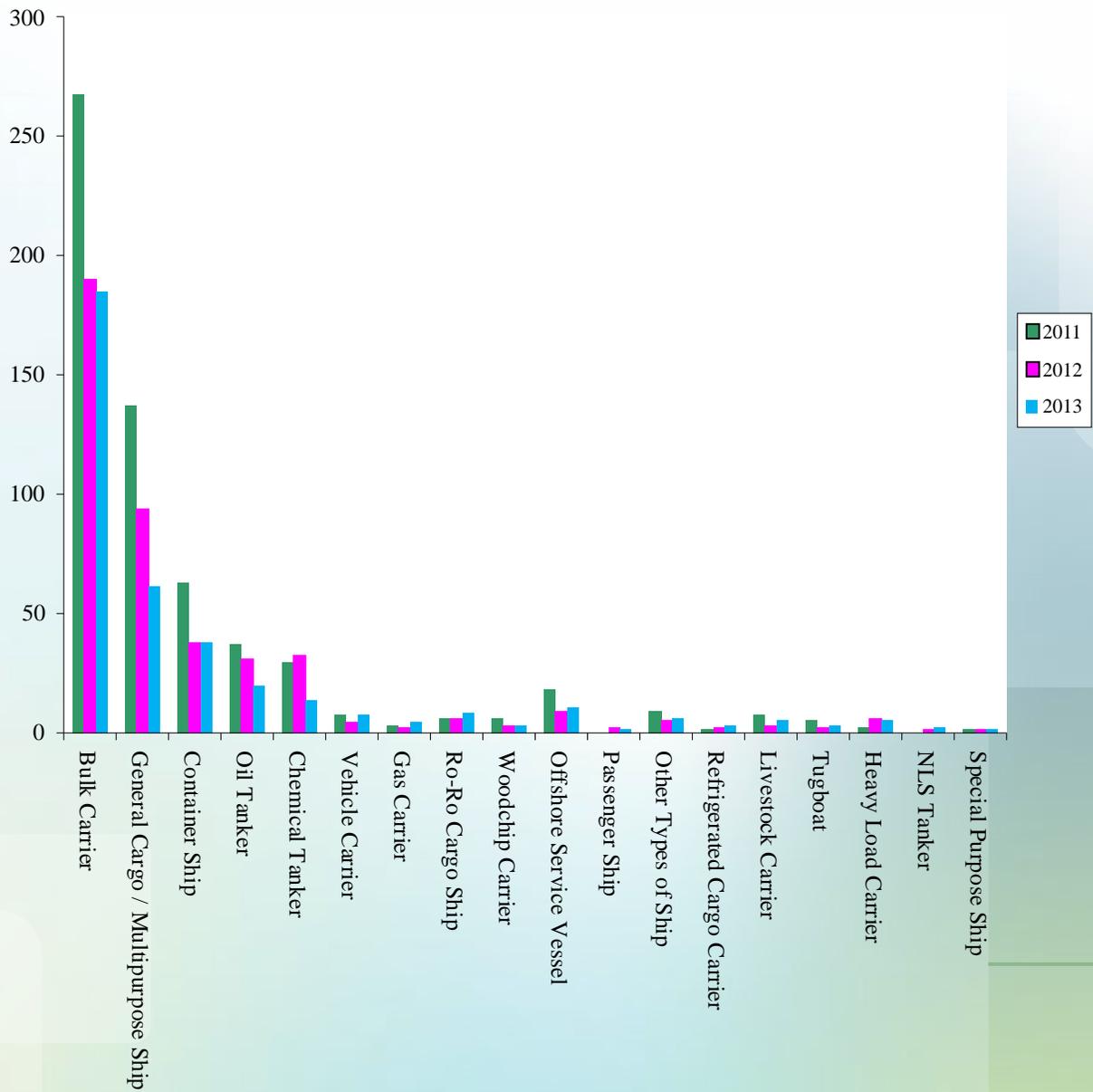
Fig. 9



This graph depicts 30 inspections and above either for 2011, 2012 or 2013 / Ship Type

Comparison of Detentions per Ship Type

Fig. 10



This graph depicts 30 inspections and above either for 2011, 2012 or 2013 / Ship Type

Summary of 3-year Inspections with Deficiencies per Ship Type

Fig. 11

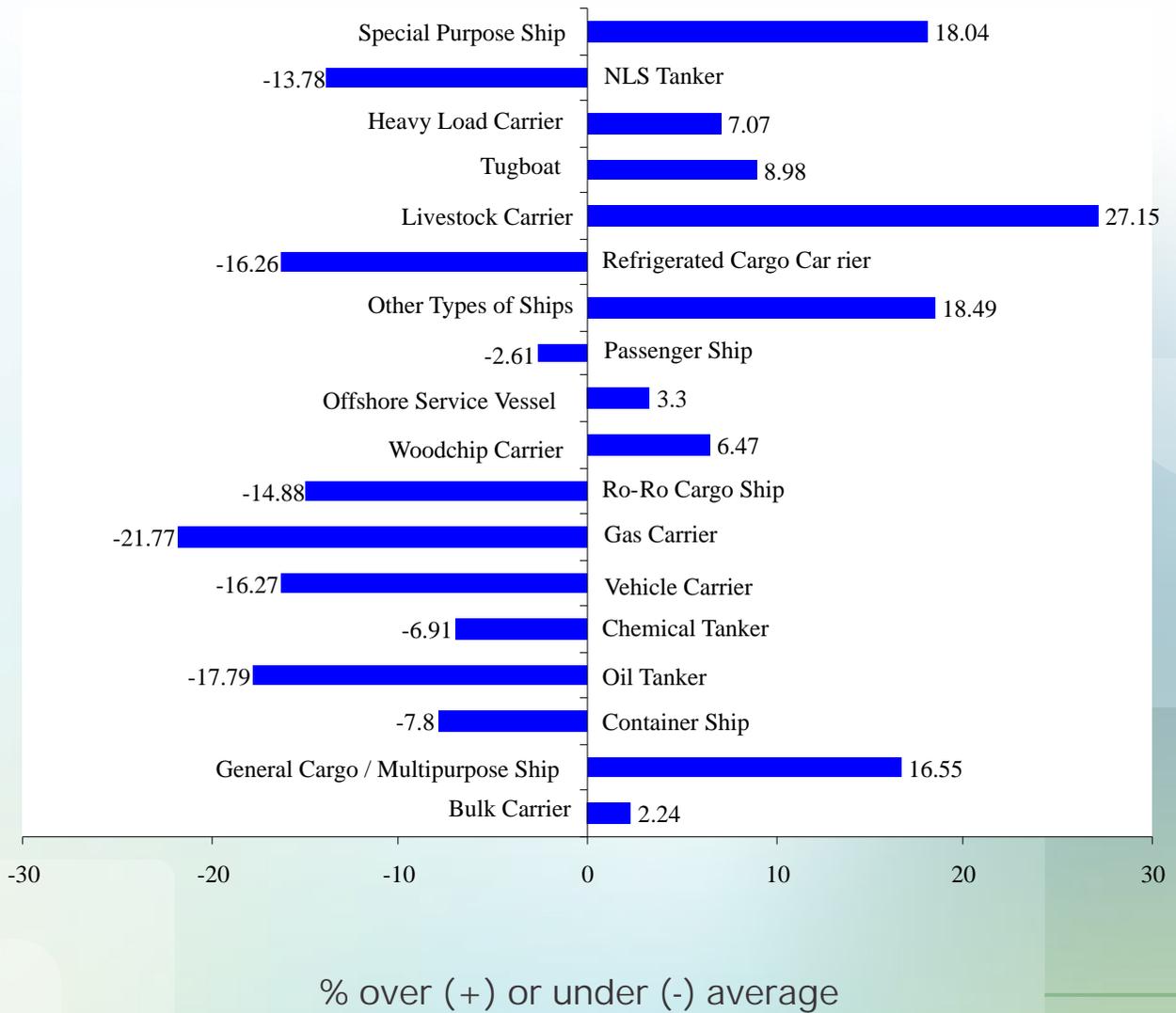
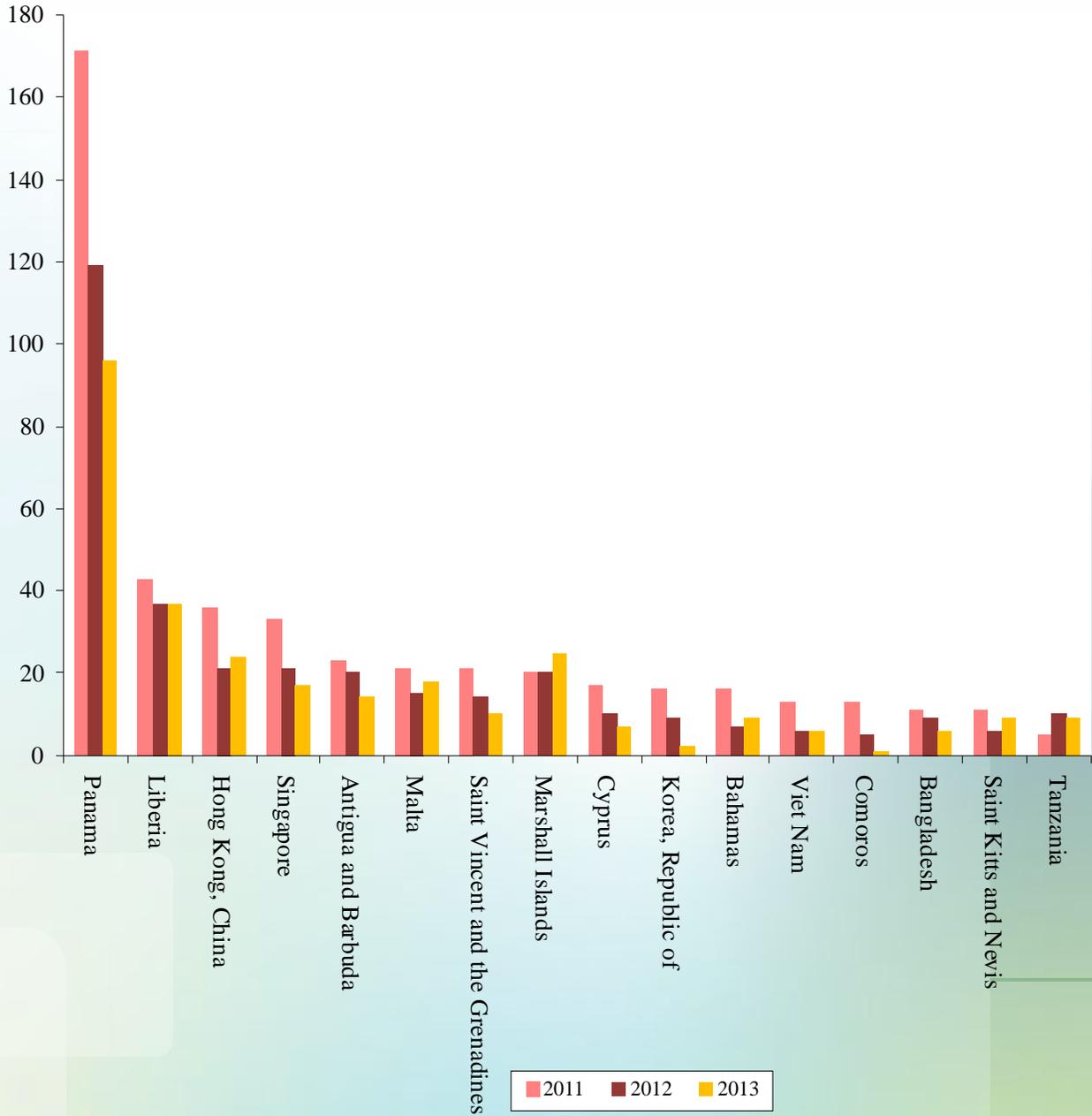


Fig. 12 Comparison of Detentions per Flag



This graph depicts detentions of 10 and above either for 2011, 2012 or 2013/ flag

Summary of 3 Year Detention Percentage Per Flag

Fig. 13

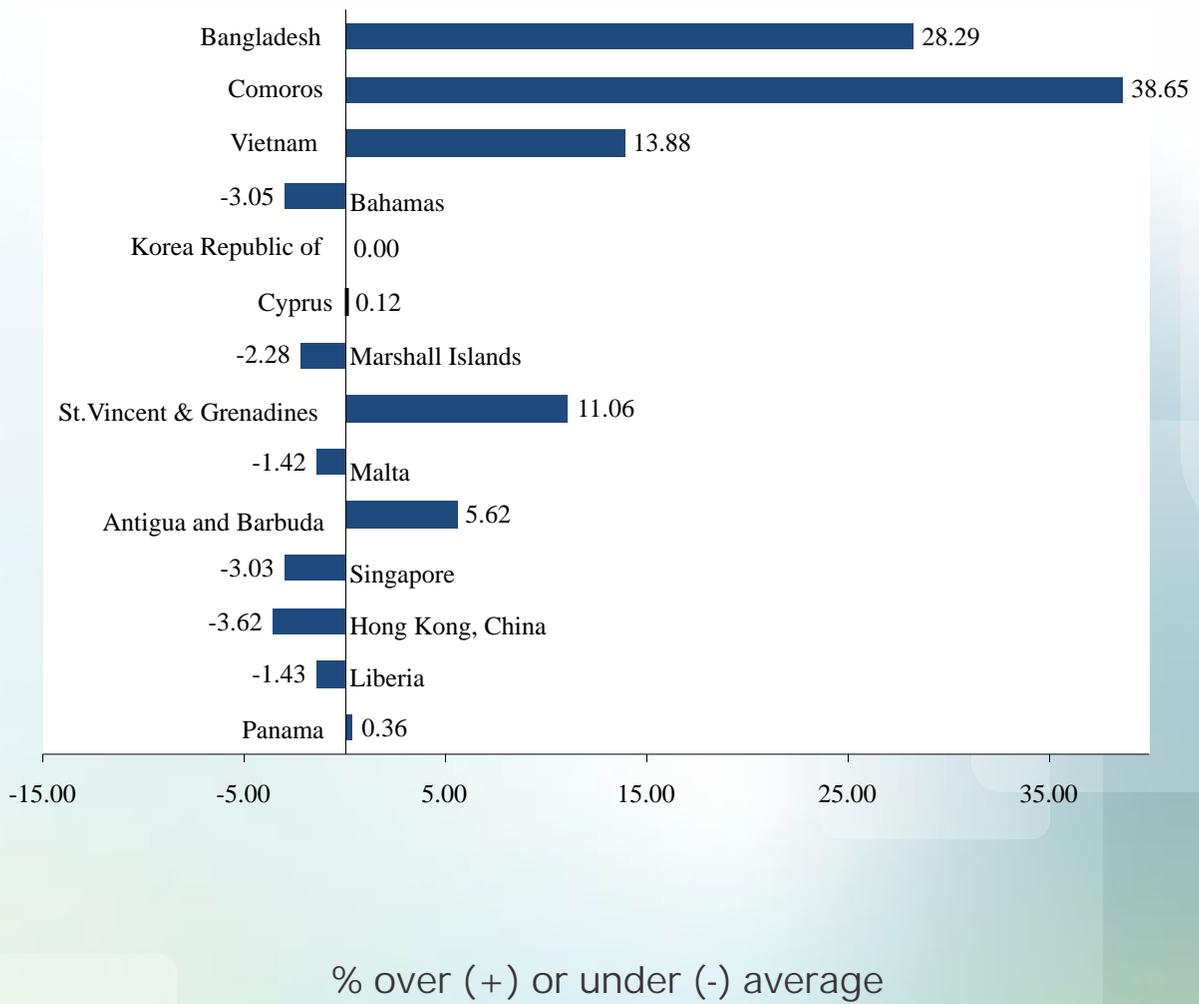
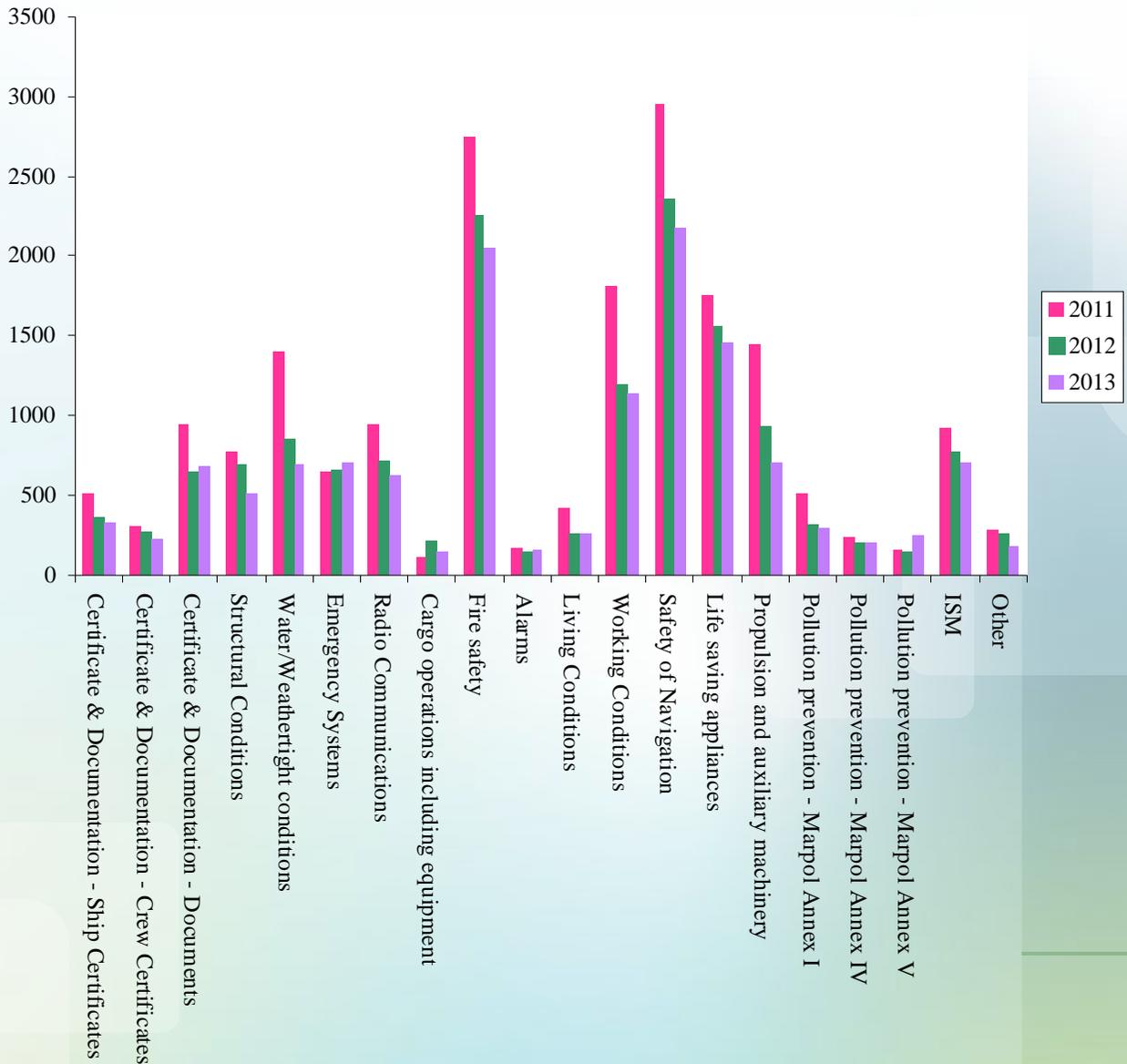


Fig. 14

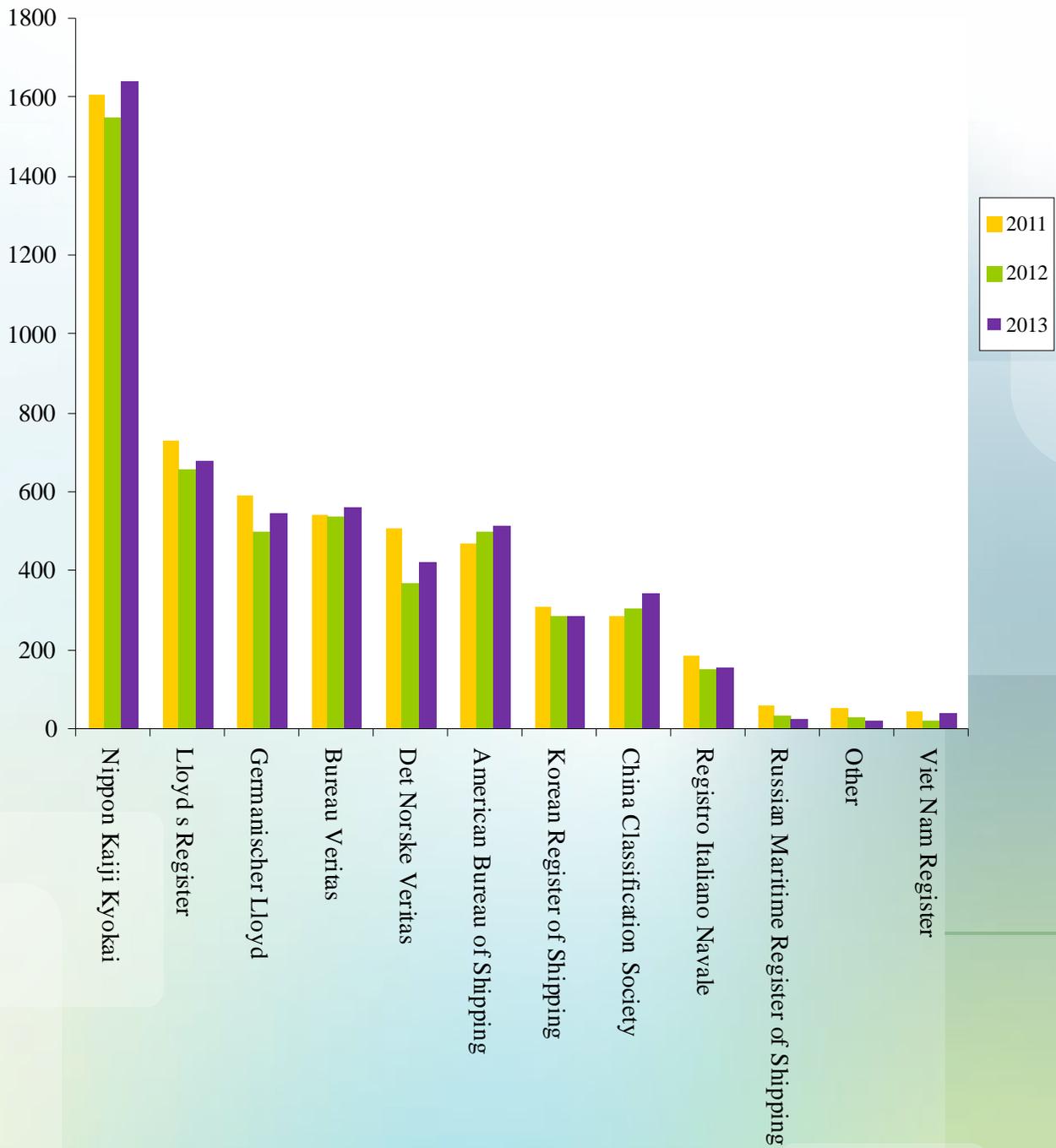
Comparison of Deficiencies by Categories



This graph depicts deficiencies of 100 and above either for 2011, 2012 or 2013

### Comparison of Inspections per Recognised Organisation

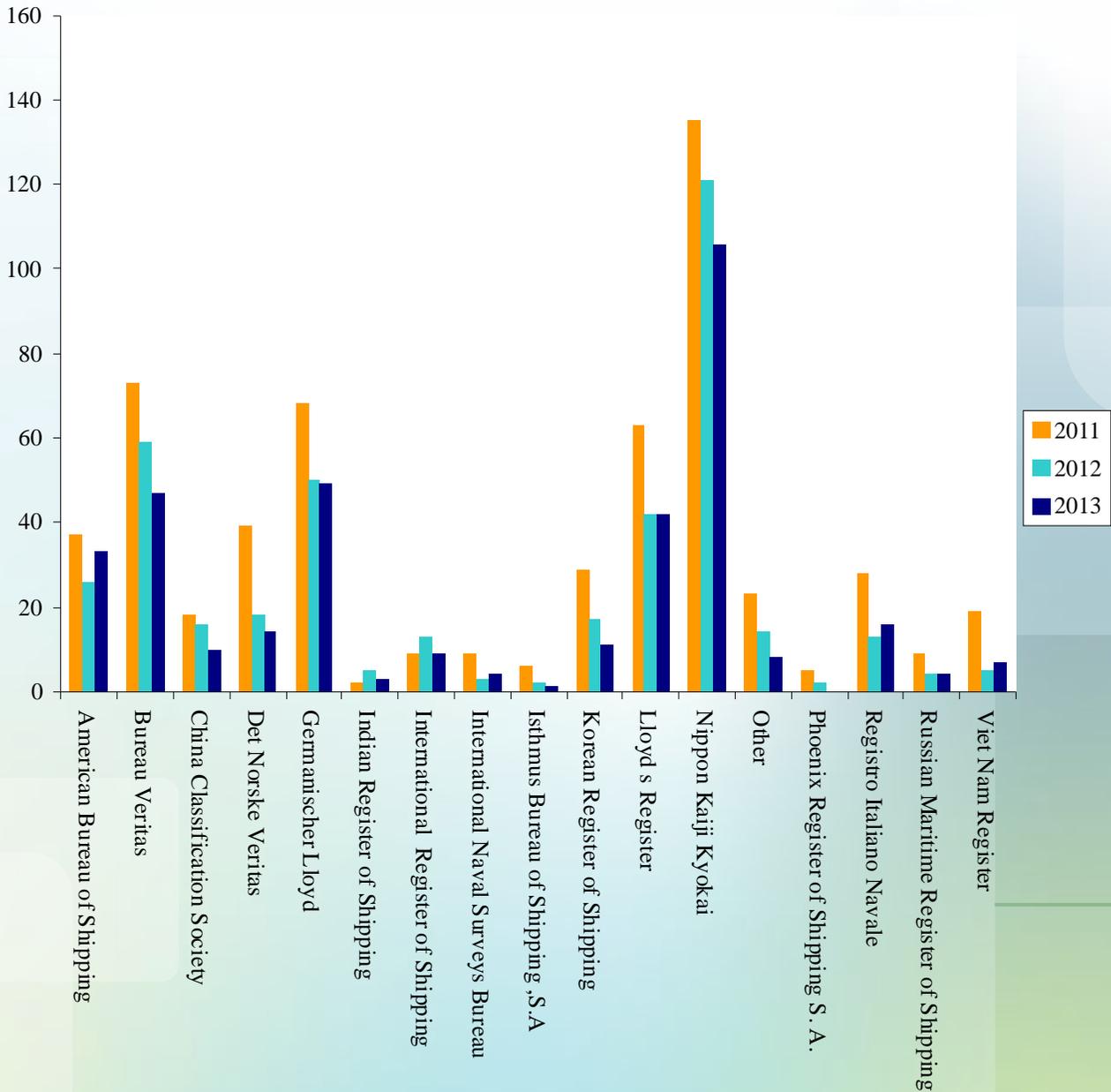
Fig. 15



This graph depicts inspections of 40 ships and above either for 2011, 2012 or 2013

Fig. 16

Comparison of Detentions per Recognised Organisation



This graph depicts detentions of 5 and above either for 2011, 2012 or 2013

THE REPORT OF CIC ON PROPULSION AND AUXILIARY MACHINERY

Name of reporting Authority	AUSTRALIA
Total number of inspection	721
Total number of deficiencies	59
Total number of detention	9

Name of reporting Authority	FRANCE
Total number of inspection	17
Total number of deficiencies	21
Total number of detention	0

Name of reporting Authority	INDIA
Total number of inspection	173
Total number of deficiencies	86
Total number of Detentions	14

Name of reporting Authority	IRAN
Total number of inspection	93
Total number of deficiencies	31
Total number of detention	2

Name of reporting Authority	SOUTH AFRICA
Total number of inspection	23
Total number of deficiencies	7
Total number of detention	0

Name of reporting Authority	YEMEN
Total number of inspection	15
<b>Total number of deficiencies</b>	2
Total number of detention	0

All Reporting Authorities

Total number of inspection	1042
Total number of deficiencies	206
Total number of detention	25



## Sultanate of Oman

### Introduction:

The Sultanate of Oman occupies the south-eastern corner of the Arabian Peninsula and has a total area of (312,500) km<sup>2</sup>. It is bordered in the north-west by the United Arab Emirates, in the west by The Kingdom of Saudi Arabia and in the south-west by The Republic of Yemen.

The country has a coastline of (3,165) km, from the Strait of Hormuz in the north to the south, overlooking with three seas: The Gulf, The Sea of Oman and The Arabian Sea.

### Maritime Affairs in Oman:

The Directorate General of Maritime Affairs at the Ministry of Transport and Communications (being the Competent Maritime Authority) which is assigned to regulate navigation and maritime activities under the sovereignty and authority of the Sultanate of Oman and to control the ships flying the flag of Oman, wherever they are, in accordance with the Oman Maritime Law and the Law Regulating Navigation in the Omani Territorial Waters, as well as to examine the need for joining the International and Regional Maritime Conventions and to enforce the Maritime Conventions which are already joined by the Sultanate.

In addition, the Directorate administers compliance with the requirements of the Safety of Life at Sea, Protection of Maritime Environment from pollution as well as Ships and Ports Security Requirements. In addition, it investigates the maritime accidents which occurring in the Omani Territorial Sea, issues Navigational Warnings to all Seagoing Units and exercising the Port State Control on foreign ships.

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

### Port State Control:

The Sultanate of Oman is a member of the Indian Ocean Memorandum of Understanding and Riyadh Memorandum of Understanding for Port State Control, where information and data are being exchanged with regard to ships having been inspected by the Member States of those Memoranda, noting that the headquarters of the Secretariat and Information Center for the Riyadh Memorandum of Understanding is in the Sultanate.

Employment and Training Courses: Staff was increased in the department of Port State Control to increase the inspection activities in the various ports of the Sultanate.

The Directorate General of Maritime Affairs raised the efficiency of the inspectors and their skills continuously through involving them in courses and workshops organized by Indian Ocean and Riyadh Memoranda of understanding.

Updating the Omani Maritime Law issued in 1981:

The Ministry of Transport & Communications represented by the Directorate-General of Maritime Affairs, has made an agreement with the International Maritime Organization (IMO) to produce a draft of the new Omani Maritime Law. The new Maritime Law inclusive of many legal provisions and legal clauses that govern the Commercial and Technical aspects as well as procedures relating to Maritime Safety, Ships & Seafarers and Registration and Port State Control for foreign vessels.

Electronic System for Ships Registration & Maritime Service:

The introduction of the Electronic System is the most important aspect that facilitates the process of issuing certificates such as, Ship Certificates, Navigational Licenses & Permits and Mortgage write-off as well as Certificates of Competency for seafarers, Navigational Warnings, Safe Manning Certificates & Maritime Activities.

Omani Ports Statistics:

	2010	2011	2012	2013
No. of Ships	6,982	9,376	8,934	7,653
Import (Ton)	9,994,187	9,277,597	11,611,118	11,828,429
Export (Ton)	6,929,925	7,100,202	7,909,458	8,826,936
TEU	3,871,847	3,613,300	4,165,083	3,926,307

Serious Deficiencies Photographs





## COUNTRIES

AUSTRALIA  
BANGLADESH  
COMOROS  
ERITREA  
FRANCE  
(Reunion Island)  
INDIA  
IRAN  
KENYA  
MALDIVES  
MAURITIUS  
MOZAMBIQUE  
OMAN  
SOUTH AFRICA  
SRI LANKA  
SUDAN  
TANZANIA  
YEMEN

## HEADQUARTERS

CANBERRA  
DHAKA  
MORONI  
ASMARA  
PARIS  
MUMBAI  
TEHRAN  
NAIROBI  
MALE  
PORT LOUIS  
MAPUTO  
MUSCAT  
PRETORIA  
COLOMBO  
PORT SUDAN  
DAR-e-SALAAM  
ADEN

# INDIAN OCEAN