

**FOREWORD**

The Committee is pleased to present the seventh annual Port State Control report for the Indian Ocean Memorandum of Understanding on PSC. This annual report outlines recent activities & general introduction to the developments in the region along with statistical port State inspection data conducted by the member Authorities of IOMOU in the year 2005.

The year 2005 had been quite eventful for the Indian Ocean Memorandum of Understanding on Port State Control. Long awaited Computerised Information System of IOMOU, after series of testing of the Beta Version, became operational.

The member Authorities of the MOU are committed to achieve the objectives of improving maritime safety, working and living conditions as well as the protection of the marine environment. They are also committed to face the new set of challenges to ensure ship and port facility security. Taking lead from the Declaration at the end of the Second Joint Ministerial Conference, the Committee decided to take steps towards furthering the co-operation with other MOUs in general and Paris and Tokyo MOU in particular.

The Indian Ocean MOU will continue its efforts to further enhance and improve the port State control activities in the region.

Michael Kinley  
Chairman  
Port State Control Committee

Bimalesh Ganguli  
Secretary  
IOMOU Secretariat

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## INTRODUCTION

### GENERAL

The Memorandum of understanding on Port State Control, in the Indian Ocean region was finalised 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. When vessels are found not to be in substantial compliance with applicable 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 criteria outlined in the Memorandum and a non-discriminatory policy is observed.

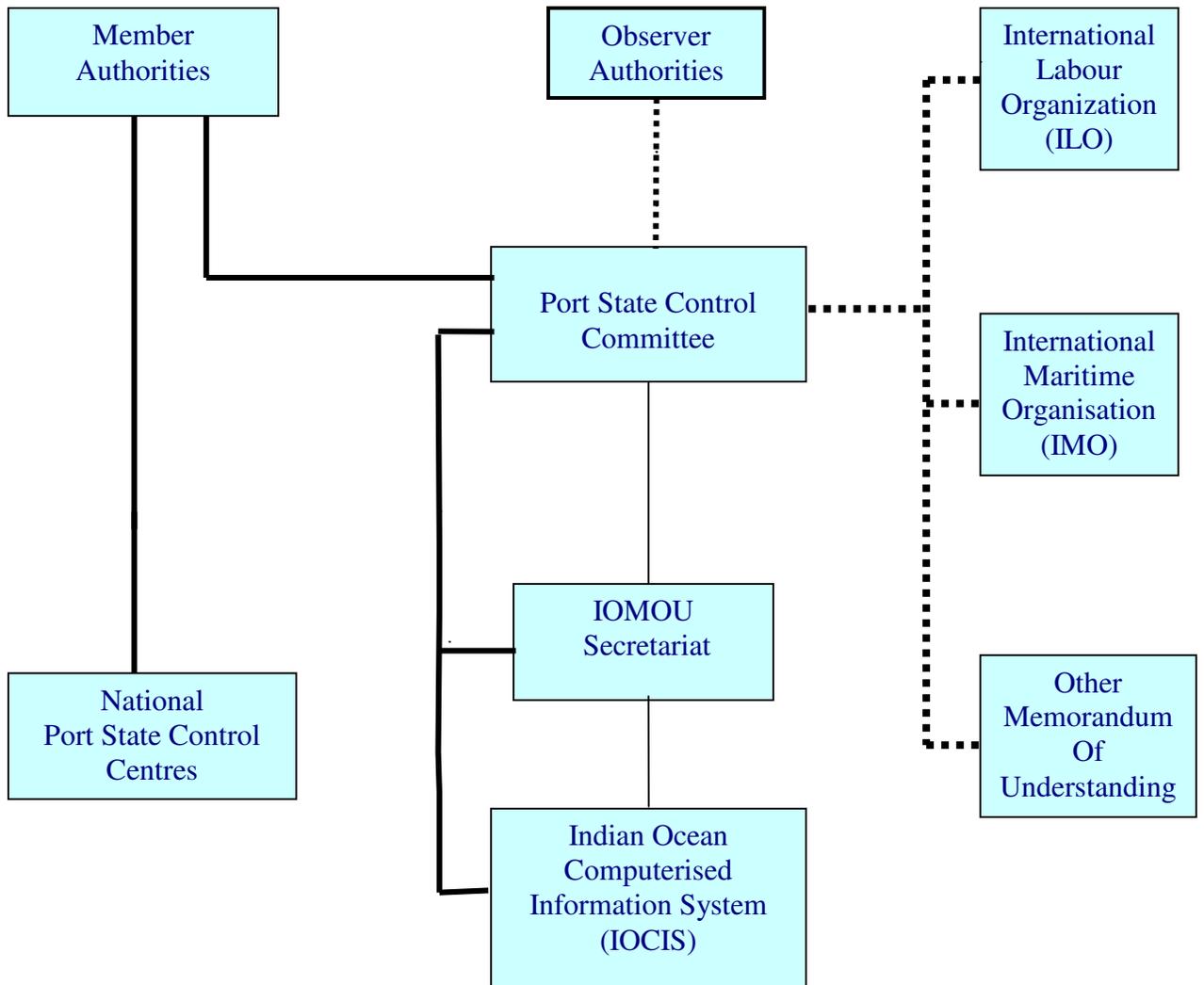
Under the Memorandum each Authority will establish and maintain an effective system of port State control. The ultimate goal is to identify and eliminate substandard ships from the region.

**LIST OF THE MEMBERS AND THE OBSERVERS**

As at December 2005, there are thirteen countries, which have become parties to the Memorandum. These are: **Australia, Eritrea, India, Iran, Kenya, Maldives, Mauritius, Oman, Sri Lanka, South Africa, Sudan, Tanzania and Republic of Yemen.**

Black Sea MOU, Equasis, Ethiopia and West & Central Africa Memorandum of Understanding, the International Maritime Organisation and International Labour Organisation participate in the Memorandum as **observers.**

**ORGANISATIONAL STRUCTURE OF THE IOMOU**



## IOMOU SECRETARIAT

The Indian Ocean Memorandum of Understanding Secretariat 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. Bimalesh Ganguli who is assisted by Office Assistant Mrs. Priyanka Sawant and Data Processor Ms. Sharada Fadte.

## CONTACT DETAILS

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## THE COMMITTEE

The Committee of the IOMOU held its Eighth Meeting in Bandos Island, Maldives from 5 September to 8 September 2005. The meeting was kindly hosted by the Ministry of Transport and Communication, Maldives.

The meeting under the chairmanship of Mr. Michael Kinley, General Manager, Maritime Operations, Australian Maritime Safety Authority was attended by representatives from the Maritime Authorities of Australia, India, Iran, Kenya, Maldives, Mauritius, South Africa, Sri Lanka, Sudan, Tanzania and Yemen as member and Equasis, IMO as Observer .

Important outcomes of this meeting included:

- ▶ □ Chairman and Secretary on behalf of Committee should enter into an Agreement with IMO to obtain IGO Status
- ▶ □ Enhancement of the information hosted in IOCIS for handling the region's PSC inspection data.
- ▶ □ The creation of Inter-sessional Groups which will look after:
  - a) Developing guidelines and Checklist for CIC on Life Boat to be carried out early 2006.
  - b) Look into the issue of formation of detention panel.
  - c) Look in to issue of Target Factor as well as white, Grey and Black list for IOMOU region.
  - d) Finalise the date, time and Programme and organise Seminar for PSCOs of the region.
- ▶ □ Mr. Sudhir Kumar, Deputy Chief Ship Surveyor, Maritime Administration of India, was elected as Chairman with acclamation.
- ▶ □ Finalisation of the venue for the ninth meeting.

## TRAINING AND SEMINARS FOR PORT STATE CONTROL OFFICERS

Realizing the need for training and harmonization of the PSC activities in the region, the First Regional Seminar of the PSCOs, as per the decision of the Committee was held from 9 to 11 February, 2005 at Tolani Maritime Institute in Pune, India. The Seminar was organized by the Directorate General of Shipping, India. Participants from Authorities of Australia, India, Iran, Kenya, South Africa, Sudan, Tanzania, Yemen attended the Seminar. Due to Tsunami Disaster in Indian Ocean region Sri Lanka, Maldives and Mauritius could not attend the Seminar.

## CO-OPERATION WITH OTHER REGIONAL MOUS

The Committee deliberated on the issue of co-operation and harmonization between various MOUs and decided to conduct joint CIC with Paris and Tokyo MOU in the year 2007 and also to consider grant of observer status to other MOUs as and when such requests are received by the Committee.

Indian Ocean MOU realized the need of this co-operation right from its inception and obtained the observer status from the Tokyo MOU and continued to maintain the same by attending their committee meetings as well as other activities. The Mediterranean MOU has also accepted IOMOU as observer.

With the similar spirit the IOMOU granted observer status to the MOUs as indicated under the list of observers.

The representatives of the Secretariats attend each others committee meetings depending upon their own programmes. During the year the Secretary was invited to attend the following meetings:

West and Central Africa MOU (Abuja MOU)

Black Sea MOU

Asia Pacific MOU (Tokyo MOU)

The Secretary could attend only the fifteenth meeting of the Asia Pacific MOU on PSC Committee, held in Bangkok, Thailand, from 07 to 10 November, 2005.

**IOCIS / WEBSITE**

After continuous efforts and struggle by member Authorities and Secretariat, for more than one year IOCIS has been made operational from 21 June 2005. User IDs and passwords for the National Authorities were generated by the Secretariat and informed the Authorities. After which, the reporting through IOCIS by the Authorities started. The IOMOU website will be automatically be updated the moment National Authorities forward their report to IOCIS. IOCIS and website is maintained by National Informatics Centre. The web-site <http://www.iomou.org> is being visited by many to gather the information regarding port State inspections in the region. The yearly statistical analysis of Website as give below:

MONTH	HITS	FILES	PAGEVIEWS	KBYTES SENT
Jan-05	23696	361	4048	317319
Feb-05	22842	334	3849	309414
Mar-05	27089	462	4403	348976
Apr-05	27192	449	4611	332026
May-05	25132	407	4577	337401
Jun-05	8098	272	1300	89248
Jul-05	22667	589	3474	235649
Aug-05	37687	881	4811	309809
Sep-05	26812	604	5068	228660
Oct-05	35140	816	6476	304734
Nov-05	24786	734	5322	217758
Dec-05	23842	836	5420	246151
<b>Total</b>	<b>304983</b>	<b>6745</b>	<b>53359</b>	<b>3277145</b>

## STATISTICS

A total of 5205 inspections were carried out in the year 2005. 2871 ships with deficiencies were noted during these inspections, with the total number of deficiencies being 15006.

Serious deficiencies noted by PSCOs led to the detention of 374 ships. The detentions allowing for the rectification of the serious deficiencies prior to the ships departure. The overall detention percentage for the year being 7.18%. The detention percentage has decreased, as compared to last year, so is the total number of inspection.

The information given in the following tables and charts represents the port State control activities of Australia, Eritrea, India, Iran, Mauritius, Sri Lanka, South Africa, Sudan, Tanzania and Yemen.

It may be noted that Australia, being member of two MOUs, namely, Asia Pacific MOU as well as Indian Ocean MOU, shares their PSC data with both MOUs and so when considering a world picture of statistics, duplication of data is possible.

A Concentrated Inspection Campaign on Fire Fighting Appliances was carried out in the region, during the year 2005. The Consolidated report is provided in this Annual Report.

## PORT STATE INSPECTION ACTIVITIES

### STATISTICS FOR 2005

#### PORT STATE INSPECTIONS CARRIED OUT BY AUTHORITIES

Authority	Number of Inspections	Number of Inspections with deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage
Australia	3072	1694	7985	154	5.01
Eritrea	8	5	12	0	0.00
Iran	666	349	2166	117	17.57
India	912	712	4488	97	10.64
Mauritius	8	7	12	0	0.00
South Africa	508	98	303	3	0.59
Sudan	23	1	4	0	0.00
Sri Lanka	4	4	29	2	50.00
Tanzania	3	0	0	0	0.00
Yemen	1	1	7	1	100.00
<b>Total</b>	<b>5205</b>	<b>2871</b>	<b>15006</b>	<b>374</b>	

Table : 1.

### Deficiencies by Type of Ship

Type of Ship	Number of Inspections	Number of inspections with Deficiency	Number of Deficiencies	Number of Detentions	Detention Percentage	Percentage of Ships with Deficiency
Tanker not otherwise specified	8	3	18	1	12.50	37.50
Oil Tanker	390	144	758	37	9.49	36.92
Gas Carrier	57	26	79	1	1.75	45.61
Chemical Tanker	201	124	634	24	11.94	61.69
Bulk Carrier	2667	1500	7439	153	5.74	56.24
Vehicle Carrier	183	72	262	1	0.55	39.34
Container Ship	463	217	934	23	4.97	46.87
Combination Carrier (includes OBO/O&O)	27	17	84	0	0.00	62.96
Ro-Ro Cargo Ship	45	24	151	5	11.11	53.33
Ro-Ro Passenger Ship	4	1	4	0	0.00	25.00
General Cargo / Multipurpose ship	778	546	3618	106	13.62	70.18
Refrigerated Cargo Carrier	62	18	102	4	6.45	29.03
Woodchip Carrier	94	44	157	2	2.13	46.81
Livestock Carrier	39	26	166	0	0.00	66.67
Passenger Ship	40	16	52	1	2.50	40.00
Heavy Load Carrier	16	9	34	1	6.25	56.25
Offshore Service Vessel	58	36	276	11	18.97	62.07
MODU & FPSO	6	5	20	0	0.00	83.33
Special Purpose Ship	11	7	43	0	0.00	63.64
High Speed Passenger Craft	1	0	0	0	0.00	0.00
Tugboat	30	18	83	3	10.00	60.00
Other Type	25	18	92	1	4.00	72.00
<b>Total</b>	<b>5205</b>	<b>2871</b>	<b>15006</b>	<b>374</b>		

Table : 2

**Deficiencies by Flag**

Flag	Number of Inspections	Number of Ships With Deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage
Azerbaijan	6	4	12	0	0.00
Antigua & Barbuda	87	43	207	8	9.20
Algeria	2	2	11	0	0.00
Bahamas	279	134	585	21	7.53
Bangladesh	13	13	159	6	46.15
Barbados	1	1	3	1	100.00
Belize	12	10	98	2	16.67
Belgium	11	2	16	0	0.00
Bermuda	22	4	8	0	0.00
Bahrain	2	2	10	1	50.00
Brazil	3	3	34	1	33.33
Bulgaria	1	1	1	0	0.00
Comoros	11	7	76	3	27.27
China People's Republic of	134	65	271	1	0.75
Croatia	13	9	37	1	7.69
Cyprus	231	139	692	18	7.79
Chile	1	1	4	0	0.00
Cayman Islands	24	11	50	0	0.00
Cambodia	6	4	42	1	16.67
D.P.R. of Korea	41	35	423	18	43.90
Denmark	27	16	80	0	0.00
Dominica	4	4	42	3	75.00
Egypt	7	6	44	1	14.29
Eritrea	2	1	10	1	50.00
Ethiopia	4	3	12	0	0.00
France	16	4	15	1	6.25
Georgia	6	4	46	2	33.33
Germany	41	21	57	1	2.44
Ghana	3	3	18	2	66.67
Gibraltar	7	1	2	0	0.00
Greece	160	71	275	4	2.50
Honduras	2	2	13	0	0.00
Hong Kong, China	370	191	947	18	4.86
India	45	29	142	6	13.33
Indonesia	23	23	215	8	34.78
Ireland	3	3	20	1	33.33
Iran	22	18	149	4	18.18
Italy	36	20	74	2	5.56
Isle of Man	74	36	148	8	10.81
Jamaica	4	4	33	4	100.00
Japan	51	22	53	0	0.00
Jordan	9	7	96	5	55.56
Kiribati	2	2	29	2	100.00
Kuwait	9	5	86	3	33.33
Liberia	343	164	681	13	3.79
Lebanon	2	0	0	0	0.00
Lithuania	1	0	0	0	0.00
Malaysia	65	39	239	5	7.69
Malta	223	132	589	13	5.83

Table : 2 (Contd.)

### Deficiencies by Flag

Flag	Number of Inspections	Number of Ships With Deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage
Marshall Islands	144	79	314	5	3.47
Maldives	1	1	5	1	100.00
Mauritius	2	1	3	0	0.00
Myanmar	13	12	91	1	7.69
Morocco	1	1	2	0	0.00
Mongolia	11	11	106	4	36.36
Netherlands	58	32	125	0	0.00
Netherlands Antilles	10	5	21	1	10.00
New Zealand	4	1	5	0	0.00
Nigeria	1	1	12	1	100.00
Norway	94	35	159	3	3.19
Panama	1477	802	4130	101	6.84
Papua New Guinea	14	14	136	1	7.14
Philippines	55	31	151	1	1.82
Portugal	2	2	15	0	0.00
Pakistan	4	4	30	2	50.00
Qatar	8	3	29	2	25.00
Republic of Korea	113	62	314	7	6.19
Russian Federation	51	38	127	2	3.92
Samoa	2	2	4	1	50.00
St. Kitts and Nevis	4	3	61	3	75.00
St. Vincent & Grenadines	125	92	614	15	12.00
Saudi Arabia	8	0	0	0	0.00
Singapore	254	143	790	16	6.30
Slovakia	4	2	5	0	0.00
South Africa	1	0	0	0	0.00
Sweden	15	7	12	0	0.00
Switzerland	10	4	15	0	0.00
Seychelles	2	2	13	1	50.00
Spain	1	0	0	0	0.00
Sri Lanka	19	19	130	5	26.32
Syrian Arab Republic	1	0	0	0	0.00
Taiwan	27	15	87	2	7.41
Thailand	53	38	208	3	5.66
Tonga	3	1	7	0	0.00
Tunisia	1	0	0	0	0.00
Turkey	40	28	136	2	5.00
United Arab Emirates	11	8	51	3	27.27
United Kingdom	51	16	53	0	0.00
Ukraine	6	5	42	2	33.33
United States of America	2	1	5	0	0.00
Vietnam	11	8	50	0	0.00
Vanuatu	30	21	94	0	0.00
<b>Total</b>	<b>5205</b>	<b>2871</b>	<b>15006</b>	<b>374</b>	

Table : 3

### Deficiencies by Categories

Code	Nature Of Deficiencies	Number of Deficiencies	Percentage
100	Ship's Certificates	427	2.85
200	Crew	247	1.65
300	Crew & Accommodation	364	2.43
400	Food & Catering	111	0.74
500	Working Spaces	148	0.99
600	Life Saving Appliances	1999	13.32
700	Fire Fighting Appliances	2284	15.22
800	Accident Prevention	299	1.99
900	Safety in General	1381	9.20
1000	Alarm Signals	56	0.37
1100	Cargo	132	0.88
1200	Load Lines	1379	9.19
1300	Mooring Arrangements	200	1.33
1400	Propulsion & Auxiliary Machinery	936	6.24
1500	Navigation	1539	10.26
1600	Radio	601	4.01
1700	Marpol Annex I	714	4.76
1800	Tankers	41	0.27
1900	Marpol Annex II	4	0.03
2000	Solas Operational Defects	771	5.13
2100	Marpol Operational Defects	92	0.61
2200	Marpol Annex III	2	0.01
2300	Marpol Annex V	292	1.95
2500	ISM Related Deficiencies	793	5.28
2600	Bulk Carriers Additional Safety Measures	72	0.48
9800	Other Deficiencies	30	0.20
9801	Other Defects Clearly Hazardous to Safe Healthy Environment	12	0.08
9900	P&I Club Entry Certificate No Evidence of Entry	4	0.03
9901	Other Defects Not Clearly Hazardous to Safe Healthy Environment	76	0.51
<b>Total</b>		<b>15006</b>	

Table : 4

**Deficiencies by Classification Societies**

Classification Society	Abbreviation	Number of Inspections	Number of ships with Deficiencies	Number of Detentions*	Detention Percentage
American Bureau of Shipping	ABS	442	235	31	7.01
Bureau Veritas	BV	485	285	53	10.93
Biro Klasifikasi Indonesia	BKI	15	15	7	46.67
China Classification Society	CCS	226	125	6	2.65
China Corporation Register of Shipping	CCRS	33	20	2	6.06
Croatian Register of Shipping	CRS	17	14	1	5.88
Det Norske Veritas	DNV	518	247	30	5.79
Germanischer Lloyd	GL	418	208	29	6.94
Global Marine Bureau	GMB	3	2	0	0.00
Hellenic Register of Shipping	HRS	23	17	8	34.78
Honduras International Naval Surveying & Inspection Bureau	HINSIB	1	0	0	0.00
Honduras Bureau of Shipping	HBS	1	1	0	0.00
Honduras Marine Inspection	HMI	2	2	0	0.00
INCLAMAR	INC	1	1	0	0.00
International Register of Shipping	IS	33	31	16	48.48
Indian Register of Shipping	IRS	44	32	7	15.91
International Naval Surveys Bureau	INSB	7	7	4	57.14
Isthmus Bureau of Shipping	IBS	4	4	1	25.00
Korean Register of Shipping	KRS	222	122	15	6.76
Korean Classification Society	KCS	36	33	13	36.11
Lloyd's Register of shipping	LRS	785	430	47	5.99
Nippon Kaiji Kyokai	NKK	1602	828	56	3.50
Panama Maritime Surveyors Bureau Inc.	PMSB	1	1	1	100.00
Panama Register Corporation	PRC	4	3	0	0.00
Panama Bureau of Shipping	PBS	1	1	0	0.00
Panama Shipping Registrar Inc.	PSR	1	1	0	0.00
Polski Rejestr Statkow	PRS	19	15	3	15.79
Registro Italiano Navale	RINA	99	64	13	13.13
RINAVE Portuguesa	RP	1	1	0	0.00
Russian Maritime Register of Shipping	RMRS	115	87	11	9.57
Register of Shipping	--	2	0	0	0.00
Shipping Register of Ukraine	SRU	2	2	0	0.00
Turkish Lloyd	TL	2	2	0	0.00
Vietnam Register of Shipping	VRS	6	5	1	16.67
Other **		34	30	19	55.88
<b>Total</b>		<b>5205</b>	<b>2871</b>	<b>374</b>	

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

\*\* Inspection classed with Columbus American Register, Mediterranean Naval Survey Bureau, International Ship Classification, International Marine Bureau, Kiribati Ship Registrar, Guardian Bureau of shipping, etc. are included in this class.

Table : 5

### Comparison of Inspections and Deficiencies per Ship Type

Type of Ship	Number of Inspections				Number of Inspections with Deficiencies				3-year average percentage
	YEAR				YEAR				
	2003	2004	2005	Total	2003	2004	2005	Total	
Tanker Not Otherwise Specified	19	27	8	54	6	8	3	17	31.48
Oil Tanker	692	642	390	1724	258	224	144	626	36.31
Gas Carrier	65	67	57	189	21	20	26	67	35.45
Chemical Tanker	149	192	201	542	72	98	124	294	54.24
Bulk Carrier	2044	2577	2667	7288	1156	1482	1500	4138	56.78
Vehicle Carrier	145	158	183	486	55	63	72	190	39.09
Container Ship	392	399	463	1254	157	170	217	544	43.38
Combination Carrier	45	74	27	146	29	62	17	108	73.97
Ro-Ro Cargo Ship	75	69	45	189	25	25	24	74	39.15
Ro-Ro Passenger Ship	11	4	4	19	0	0	1	1	5.26
General Cargo / Multipurpose Ship	1088	1130	778	2996	680	744	546	1970	65.75
Refrigerated Cargo Carrier	64	51	62	177	25	17	18	60	33.90
Woodchip Carrier	69	76	94	239	42	48	44	134	56.07
Livestock Carrier	80	51	39	170	35	35	26	96	56.47
High Speed Passenger Craft	0	0	1	1	0	0	0	0	0.00
Passenger Ship	27	28	40	95	7	12	16	35	36.84
Heavy Load Carrier	7	16	16	39	4	11	9	24	61.54
Offshore Service Vessel	59	67	58	184	35	27	36	98	53.26
Fishing Vessel	2	0	0	2	2	0	0	2	100.00
MODU & FPSO	2	0	6	8	2	0	5	7	87.50
Special Purpose Ship	9	14	11	34	5	12	7	24	70.59
Tugboat	28	30	30	88	9	19	18	46	52.27
Other Type	21	18	25	64	12	10	18	40	62.50
<b>Total</b>	<b>5093</b>	<b>5690</b>	<b>5205</b>	<b>15988</b>	<b>2637</b>	<b>3087</b>	<b>2871</b>	<b>8595</b>	<b>53.76</b>

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				
	2003	2004	2005	Total	2003	2004	2005	Total	
Tanker Not Otherwise specified	19	27	8	54	1	1	1	3	5.56
Oil Tanker	692	642	390	1724	64	47	37	148	8.58
Gas Carrier	65	67	57	189	3	2	1	6	3.17
Chemical Tanker	149	192	201	542	14	15	24	53	9.78
Bulk Carrier	2044	2577	2667	7288	166	149	153	468	6.42
Vehicle Carrier	145	158	183	486	5	5	1	11	2.26
Container Ship	392	399	463	1254	31	27	23	81	6.46
Combination Carrier	45	74	27	146	2	10	0	12	8.22
Ro-Ro Cargo Ship	75	69	45	189	5	5	5	15	7.94
Ro-Ro Passenger Ship	11	4	4	19	0	0	0	0	0.00
General Cargo/Multipurpose Ship	1088	1130	778	2996	151	197	106	454	15.15
Refrigerated Cargo Carrier	64	51	62	177	4	2	4	10	5.65
Woodchip Carrier	69	76	94	239	5	4	2	11	4.60
Livestock Carrier	80	51	39	170	4	4	0	8	4.71
High Speed Passenger Craft	0	0	1	1	0	0	0	0	0.00
Passenger Ship	27	28	40	95	0	1	1	2	2.11
Heavy Load Carrier	7	16	16	39	1	4	1	6	15.38
Offshore Service Vessel	59	67	58	184	9	9	11	29	15.76
Fishing Vessel	2	0	0	2	0	0	0	0	0.00
MODU & FPSO	2	0	6	8	0	0	0	0	0.00
Special Purpose Ship	9	14	11	34	2	1	0	3	8.82
Tugboat	28	30	30	88	4	5	3	12	13.64
Other Type	21	18	25	64	1	1	1	3	4.69
<b>Total</b>	<b>5093</b>	<b>5690</b>	<b>5205</b>	<b>15988</b>	<b>472</b>	<b>489</b>	<b>374</b>	<b>1335</b>	

Table : 7

### Comparison of Inspections and Detentions per Flag

Flag	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2003	2004	2005	Total	2003	2004	2005	Total	
Azerbaijan	55	57	6	118	8	7	0	15	12.71
Antigua & Barbuda	55	87	87	229	6	5	8	19	8.30
Algeria	2	8	2	12	2	2	0	4	33.33
Belgium	1	10	11	22	0	1	0	1	4.55
Bahamas	254	249	279	782	10	18	21	49	6.27
Bangladesh	15	21	13	49	4	8	6	18	36.73
Barbados	4	1	1	6	0	0	1	1	16.67
Belize	12	18	12	42	6	4	2	12	28.57
Bermuda	31	32	22	85	2	0	0	2	2.35
Brazil	0	3	3	6	0	1	1	2	33.33
Bolivia	9	7	0	16	1	0	0	1	6.25
Bulgaria	2	0	1	3	0	0	0	0	0.00
Bahrain	6	5	2	13	1	2	1	4	30.77
Comoros	15	7	11	33	2	2	3	7	21.21
China People's Republic of	126	143	134	403	3	3	1	7	1.74
Croatia	8	12	13	33	2	0	1	3	9.09
Cyprus	237	265	231	733	29	20	18	67	9.14
Colombia	0	1	0	1	0	1	0	1	100.00
Costa Rica	1	0	0	1	1	0	0	1	100.00
Cayman Islands	16	23	24	63	1	3	0	4	6.35
Chile	1	0	1	2	0	0	0	0	0.00
Cambodia	26	19	6	51	5	7	1	13	25.49
D.P.R. of Korea	40	61	41	142	23	27	18	68	47.89
Denmark	45	40	27	109	1	3	0	4	3.67
Dominica	1	3	4	8	0	2	3	5	62.50
Dominican Republic	0	2	0	2	0	1	0	1	50.00
Dubai	2	0	0	2	1	0	0	1	50.00
Egypt	18	12	7	37	4	1	1	6	16.22
Eritrea	1	2	2	5	0	0	1	1	20.00
Ethiopia	8	8	4	20	1	1	0	2	10.00
Fiji	3	0	0	3	0	0	0	0	0.00
France	18	14	16	48	0	0	1	1	2.08
Georgia	16	15	6	37	7	4	2	13	35.14
Germany	10	15	41	66	1	1	1	3	4.55
Ghana	5	4	3	12	3	2	2	7	58.33
Gibraltar	6	8	7	21	0	1	0	1	4.76
Greece	156	209	160	525	10	6	4	20	3.81
Honduras	6	1	2	9	2	0	0	2	22.22
Hong Kong, China	225	331	370	926	8	11	18	37	4.00
India	52	74	45	171	5	6	6	17	9.94

Table :7 (Contd.)

**Comparison of Inspections and Detentions per Flag**

Flag	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2003	2004	2005	Total	2003	2004	2005	Total	
Indonesia	15	17	23	55	5	9	8	22	40.00
Ireland	1	4	3	8	1	0	1	2	25.00
Iran	13	26	22	61	4	1	4	9	14.75
Istanbul	1	0	0	1	0	0	0	0	0.00
Italy	32	30	36	98	3	2	2	7	7.14
Isle of Man	44	65	74	183	4	3	8	15	8.20
Jamaica	0	0	4	4	0	0	4	4	100.00
Japan	55	58	51	164	2	1	0	3	1.83
Jordan	6	8	9	23	2	5	5	12	52.17
Kiribati			2	2			2	2	100.00
Kuwait	11	8	9	28	2	0	3	5	17.86
Liberia	338	346	343	1027	21	19	13	53	5.16
Lithuania	0	0	1	1	0	0	0	0	0.00
Luxembourg	2	2	0	4	0	0	0	0	0.00
Lebanon	10	5	2	17	0	3	0	3	17.65
Malaysia	64	81	65	210	3	5	3	13	6.19
Malta	215	265	223	703	22	24	13	59	8.39
Marshall Islands	94	111	144	349	6	4	5	15	4.30
Maldives	3	2	1	6	2	1	1	4	66.67
Mauritius	2	0	2	4	0	0	0	0	0.00
Myanmar	10	14	13	37	0	3	1	4	10.81
Morocco	2	2	1	5	0	0	0	0	0.00
Mongolia	4	10	11	25	1	7	4	12	48.00
Netherlands	62	49	58	168	6	3	0	9	5.36
Netherlands Antilles	6	7	10	23	1	1	1	3	13.04
New Zealand	3	6	4	13	0	0	0	0	0.00
Nigeria	0	0	1	1	0	0	1	1	100.00
Norway	92	100	94	286	6	3	3	12	4.20
Panama	1284	1411	1477	4172	106	111	101	318	7.62
Papua New Guinea	11	13	14	38	3	4	1	8	21.05
Philippines	82	77	55	214	4	5	1	10	4.67
Passian	1	0	0	1	0	0	0	0	0.00
Portugal	2	2	2	6	1	1	0	2	33.33
Pakistan	7	6	4	17	2	0	2	4	23.53
Qatar	7	8	8	23	0	2	2	4	17.39
Republic of Korea	70	85	113	268	3	1	7	11	4.10
Russia	416	358	51	825	19	32	2	53	6.42
Samoa	2	1	2	5	1	0	1	2	40.00
St. Kitts and Nevis	0	0	4	4	0	0	3	3	75.00

Table :7 (Contd.)

**Comparison of Inspections and Detentions per Flag**

Flag	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2003	2004	2005	Total	2003	2004	2005	Total	
St.Vincent & Grenadines	131	134	125	390	33	27	15	75	19.23
Saudi Arabia	23	10	8	41	3	2	0	5	12.20
Singapore	200	260	254	714	15	15	16	46	6.44
South Africa	1	2	1	4	0	0	0	0	0.00
Sierra Leone	2	2	0	4	1	2	0	3	75.00
Spain	0	0	1	1	0	0	0	0	0.00
Sweden	17	19	15	51	0	0	0	0	0.00
Switzerland	7	11	10	28	0	0	0	0	0.00
Slovakia	0	2	4	6	0	2	0	2	33.33
Seychelles	2	1	2	5	0	1	1	2	40.00
Sudan	5	1	0	6	2	1	0	3	50.00
Sri Lanka	9	17	19	45	3	3	5	11	24.44
Sao Tome and Principe	8	1	0	9	1	0	0	1	11.11
Syrian Arab Republic	8	4	1	13	0	0	0	0	0.00
Taiwan	35	22	27	84	6	1	2	9	10.71
Thailand	29	72	53	154	2	14	3	19	12.34
Tanzania	0	1	0	1	0	0	0	0	0.00
Tonga	11	4	3	18	1	0	0	1	5.56
Turkmenistan	19	5	0	24	10	4	0	14	58.33
Turkey	38	50	40	128	5	7	2	14	10.94
Tunisia	0	2	1	3	0	0	0	0	0.00
Tuvalu	3	0	0	3	0	0	0	0	0.00
United Arab Emirates	12	20	11	43	3	5	3	11	25.58
United Kingdom	35	54	51	133	1	1	0	2	1.50
Ukraine	3	3	6	12	1	1	2	4	33.33
United States of America	3	1	2	6	0	0	0	0	0.00
Vanuatu	23	32	30	85	3	2	0	5	5.88
Vietnam	11	16	11	38	3	1	0	4	10.53
Other	3	0	0	3	0	0	0	0	0.00
<b>Total</b>	<b>5093</b>	<b>5690</b>	<b>5205</b>	<b>15988</b>	<b>472</b>	<b>489</b>	<b>374</b>	<b>1335</b>	

Table : 8

**Comparison of Deficiencies by Categories**

Nature of Deficiencies	Number of Deficiencies		
	YEAR		
	2003	2004	2005
Ship's Certificates	558	575	427
Crew	364	378	247
Crew & Accommodation	256	347	364
Food & Catering	80	66	111
Working Spaces	78	103	148
Life Saving Appliances	1736	2024	1999
Fire Fighting Appliances	1936	2206	2284
Accident Prevention	172	281	299
Safety in General	1549	1670	1381
Alarm Signals	38	52	56
Cargo	114	160	132
Load Lines	1336	1507	1379
Mooring Arrangements	169	200	200
Propulsion & Auxiliary Machinery	549	627	936
Navigation	1355	1724	1539
Radio	752	725	601
Marpol Annex I	777	806	714
Tankers	54	33	41
Marpol Annex II	28	28	4
Solas Operational Defects	569	599	771
Marpol Operational Defects	82	87	92
Marpol Annex III	1	4	2
Marpol Annex V	155	156	292
ISM Related Deficiencies	440	667	793
Bulk Carriers Additional Safety Measures	36	53	72
Other Deficiencies	0	0	30
Other Defects Clearly Hazardous to Safe Healthy Environment	16	24	12
P&I Club Entry Certificate No Evidence of Entry	0	0	4
Other Defects Not Clearly Hazardous to Safe Healthy Environment	33	40	76
<b>Total</b>	<b>13233</b>	<b>15142</b>	<b>15006</b>

Table :9

**Comparison of Inspections and Deficiencies per Classification Societies**

Classification Society	Number of Inspections				Number of Inspections with Deficiencies				3-year average percentage
	Year				Year				
	2003	2004	2005	Total	2003	2004	2005	Total	
American Bureau of Shipping	414	466	442	1322	194	242	235	671	50.76
Bureau Veritas	353	423	485	1261	197	255	285	737	58.45
Biro Klasifikasi Indonesia	8	12	15	35	8	12	15	35	100.00
CONARINA	0	1	0	1	0	1	0	1	100.00
China Classification Society	179	210	226	615	89	125	125	339	55.12
China Corporation Register of Shipping	52	29	33	114	30	14	20	64	56.14
Croatian Register of Shipping	15	17	17	49	12	12	14	38	77.55
Det Norske Veritas	522	535	518	1575	239	246	247	732	46.48
Global Marine Bureau	0	1	3	4	0	1	2	3	75.00
Germanischer Lloyd	380	415	418	1213	177	193	208	578	47.65
Hellenic Register of Shipping	20	23	23	66	15	19	17	51	77.27
Honduras Bureau of shipping	0	0	1	1	0	0	1	1	100.00
Honduras International Naval Surveying & Inspection Bureau	5	1	1	7	0	1	0	1	14.29
Honduras Marine Inspection	0	0	2	2	0	0	2	2	100.00
Inspection Y Classification Maritima	0	1	0	1	0	0	0	0	0.00
International Register of Shipping	25	42	33	100	12	34	31	77	77.00
Inclamar Incorporate	2	0	1	3	0	0	1	1	33.33
Indian Register of Shipping	44	64	44	152	29	36	32	97	63.82
Isthmus Bureau of Shipping	2	2	4	8	1	2	4	7	87.50
International Naval Surveys Bureau	31	7	7	45	7	3	7	17	37.78
Korean Register of Shipping	156	187	222	565	69	99	122	290	51.33
Korean Classification Society	18	33	36	87	16	25	33	74	85.06
Lloyd's Register of shipping	723	852	785	2360	383	481	430	1294	54.83
Nippon Kaiji Kyokai	1422	1700	1602	4724	687	842	828	2357	49.89
Panama Maritime Surveyors Bureau Inc.	1	2	1	4	1	2	1	4	100.00
Panama Register Corporation	4	5	4	13	3	2	3	8	61.54
Panama Bureau of Shipping	1	1	1	3	0	1	1	2	66.67
Panama Shipping Registrar Inc.	0	0	1	1	0	0	1	1	100.00
Polски Rejestr Statkow	19	22	19	60	13	18	15	46	76.67
Registro Italiano Navale	71	89	99	259	32	51	64	147	56.76
RINAVE Portuguesa	0	1	1	2	0	0	1	1	50.00
Register of Shipping	1	13	2	16	0	7	0	7	43.75
Russian Maritime Register of Shipping	531	470	115	1116	365	317	87	769	68.91
Russian River Register	0	1	0	1	0	0	0	0	0.00
Shipping Register of Ukraine	0	1	2	3	0	1	2	3	100.00
Turkish Lloyd	8	4	2	14	7	4	2	13	92.86
Vietnam Register of Shipping	1	2	6	9	1	1	5	7	77.78
Not Classed	0	7	0	7	0	4	0	4	57.14
Other	85	51	34	170	50	36	30	116	68.24
<b>Total</b>	<b>5093</b>	<b>5690</b>	<b>5205</b>	<b>15988</b>	<b>2637</b>	<b>3087</b>	<b>2871</b>	<b>8595</b>	

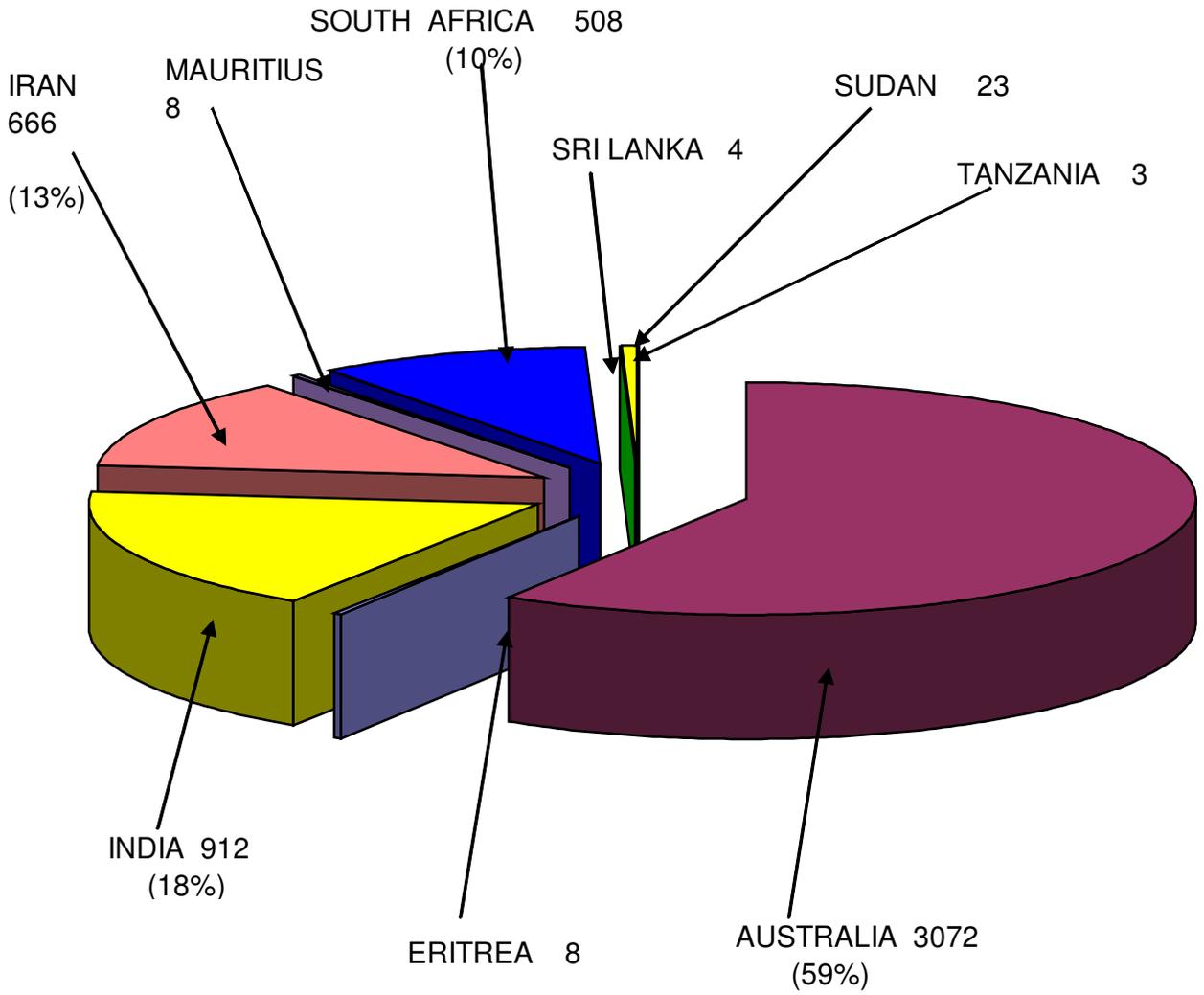
Table: 10

**Comparison of Inspections and Detentions per Classification Societies**

Classification Society	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2003	2004	2005	Total	2003	2004	2005	Total	
American Bureau of Shipping	414	466	442	1322	27	42	31	100	7.56
Bureau Veritas	353	423	485	1261	43	52	53	148	11.74
Biro Klasifikasi Indonesia	8	12	15	35	5	7	7	19	54.29
CONARINA	0	1	0	1	0	1	0	1	100.00
China Classification Society	179	210	226	615	10	6	6	22	3.58
China Corporation Register of Shipping	52	29	33	114	7	2	2	11	9.65
Croatian Register of Shipping	15	17	17	49	2	3	1	6	12.24
Det Norske Veritas	522	535	518	1575	33	23	30	86	5.46
Global Marine Bureau	0	1	3	4	0	0	0	0	0.00
Germanischer Lloyd	380	415	418	1213	34	31	29	94	7.75
Hellenic Register of Shipping	20	23	23	66	12	10	8	30	45.45
Honduras Bureau of shipping	0	0	1	1	0	0	0	0	0.00
Honduras International Naval Surveying & Inspection Bureau	5	1	1	7	0	1	0	1	14.29
Honduras Marine Inspection	0	0	2	2	0	0	0	0	0.00
Inspection Y Classification Maritima.	0	1	0	1	0	0	0	0	0.00
International Register of Shipping	25	42	33	100	8	18	16	42	42.00
Inclamar Incorporate	2	0	1	3	0	0	0	0	0.00
Indian Register of Shipping	44	64	44	152	8	7	7	22	14.47
Isthmus Bureau of Shipping	2	2	4	8	1	1	1	3	37.50
International Naval Surveys Bureau	31	7	7	45	4	1	4	9	20.00
Korean Register of Shipping	156	187	222	565	7	6	15	28	4.96
Korean Classification Society	18	33	36	87	14	11	13	38	43.68
Lloyd's Register of shipping	723	852	785	2360	75	77	47	199	8.43
Nippon Kaiji Kyokai	1422	1700	1602	4724	77	76	56	209	4.42
Panama Maritime Surveyors Bureau Inc.	1	2	1	4	1	1	1	3	75.00
Panama Register Corporation	4	5	4	13	2	1	0	3	23.08
Panama Bureau of Shipping	1	1	1	3	0	0	0	0	0.00
Panama Shipping Registrar Inc.	0	0	1	1	0	0	0	0	0.00
Polski Rejestr Statkow	19	22	19	60	9	7	3	19	31.67
Registro Italiano Navale	71	89	99	259	9	12	13	34	13.13
RINAVE Portuguesa	0	1	1	2	0	0	0	0	0.00
Register of Shipping	1	13	2	16	0	7	0	7	43.75
Russian Maritime Register of Shipping	531	470	115	1116	50	56	11	117	10.48
Russian River Register	0	1	0	1	0	0	0	0	0.00
Shipping Register of Ukraine	0	1	2	3	0	0	0	0	0.00
Turkish Lloyd	8	4	2	14	2	1	0	3	21.43
Vietnam Register of Shipping	1	2	6	9	0	1	1	2	22.22
Not Classed	0	7	0	7	0	2	0	2	28.57
Other	85	51	34	170	32	26	19	77	45.29
<b>Total</b>	<b>5093</b>	<b>5690</b>	<b>5205</b>	<b>15988</b>	<b>472</b>	<b>489</b>	<b>374</b>	<b>1335</b>	

Fig. 1

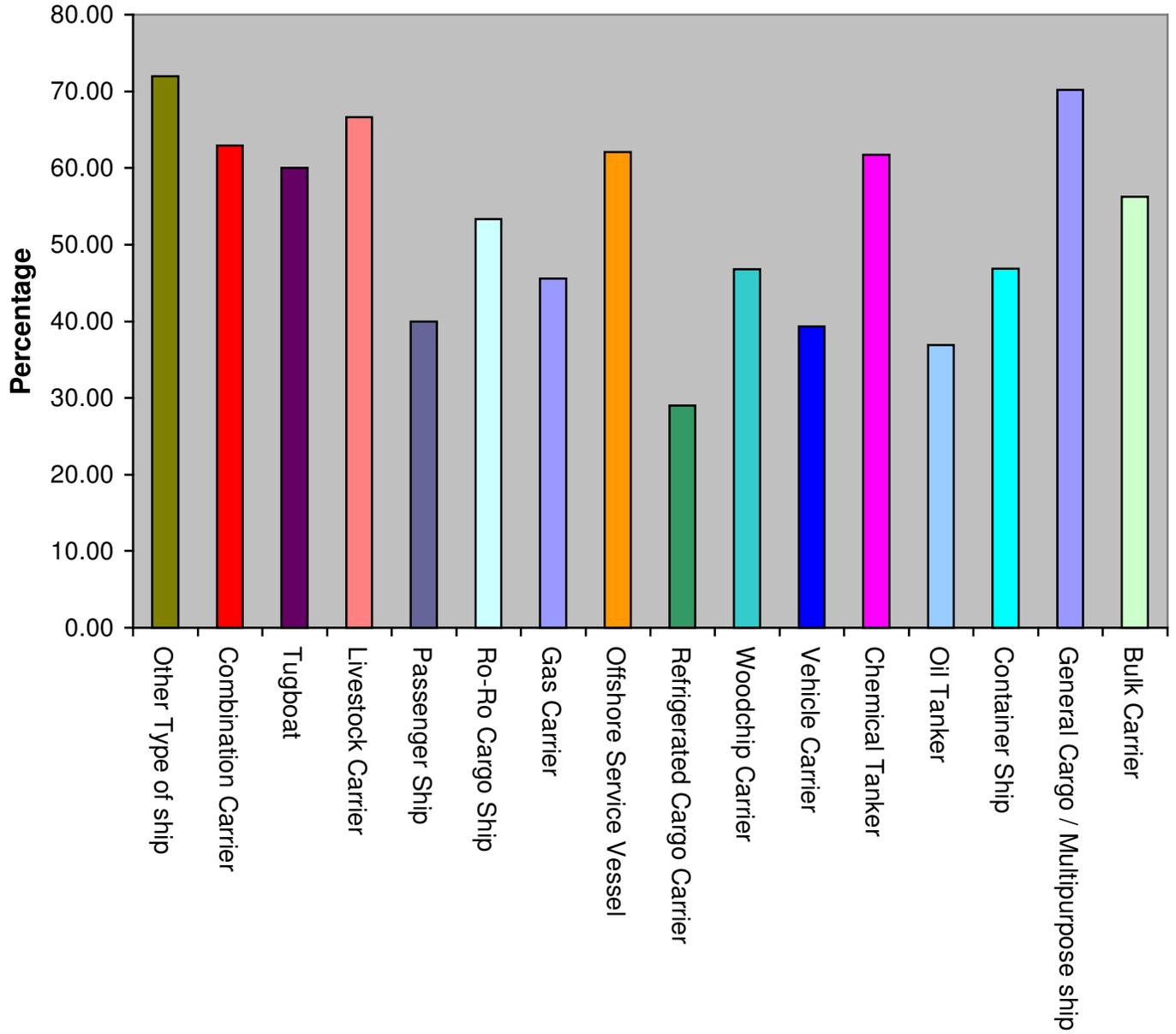
### INSPECTION EFFORTS



TOTAL INSPECTIONS : 5205

### Percentage of Ship Type with Deficiencies

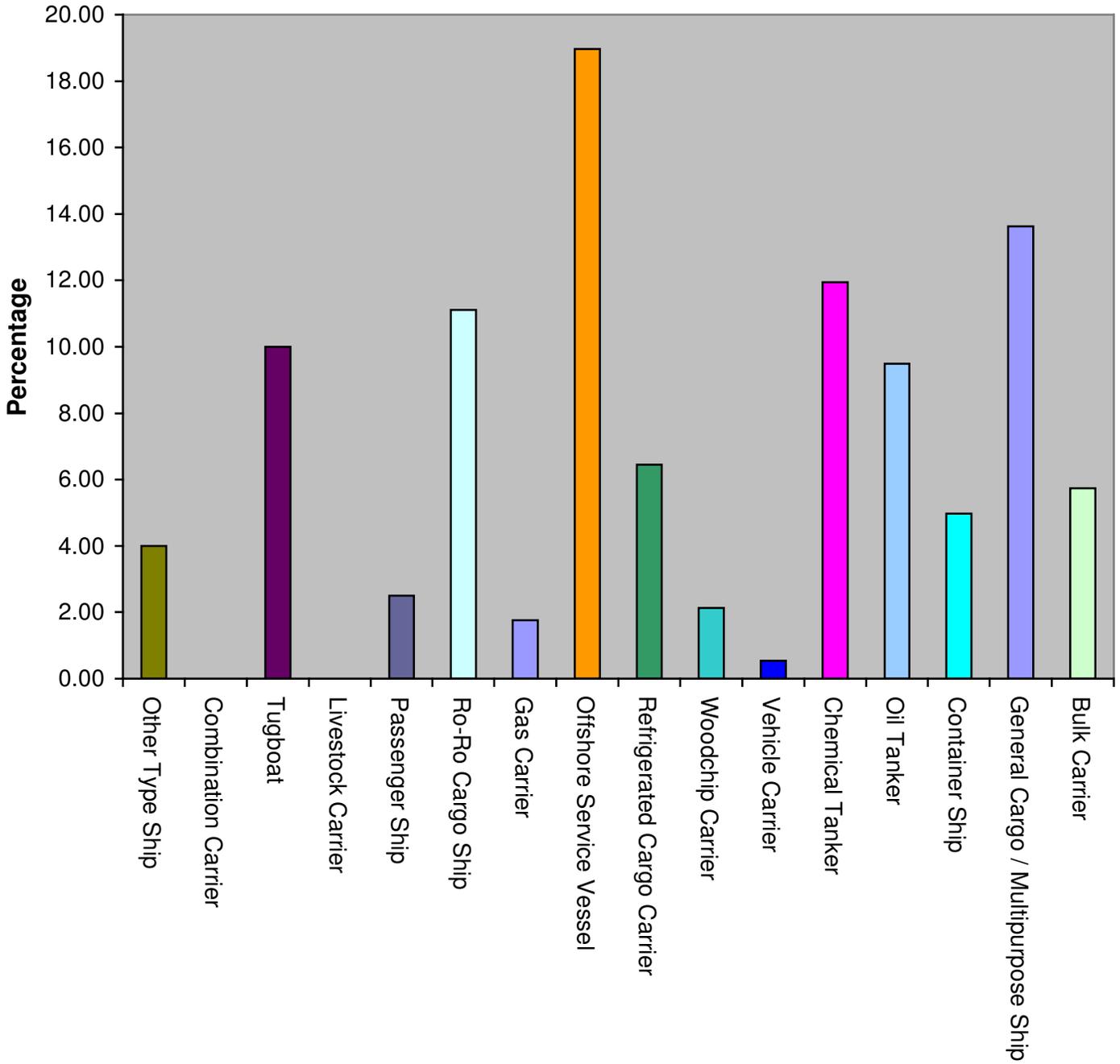
Fig. 2



This graph depicts 20 inspections and above/ Ship Type

### Percentage of Detention per Ship Type

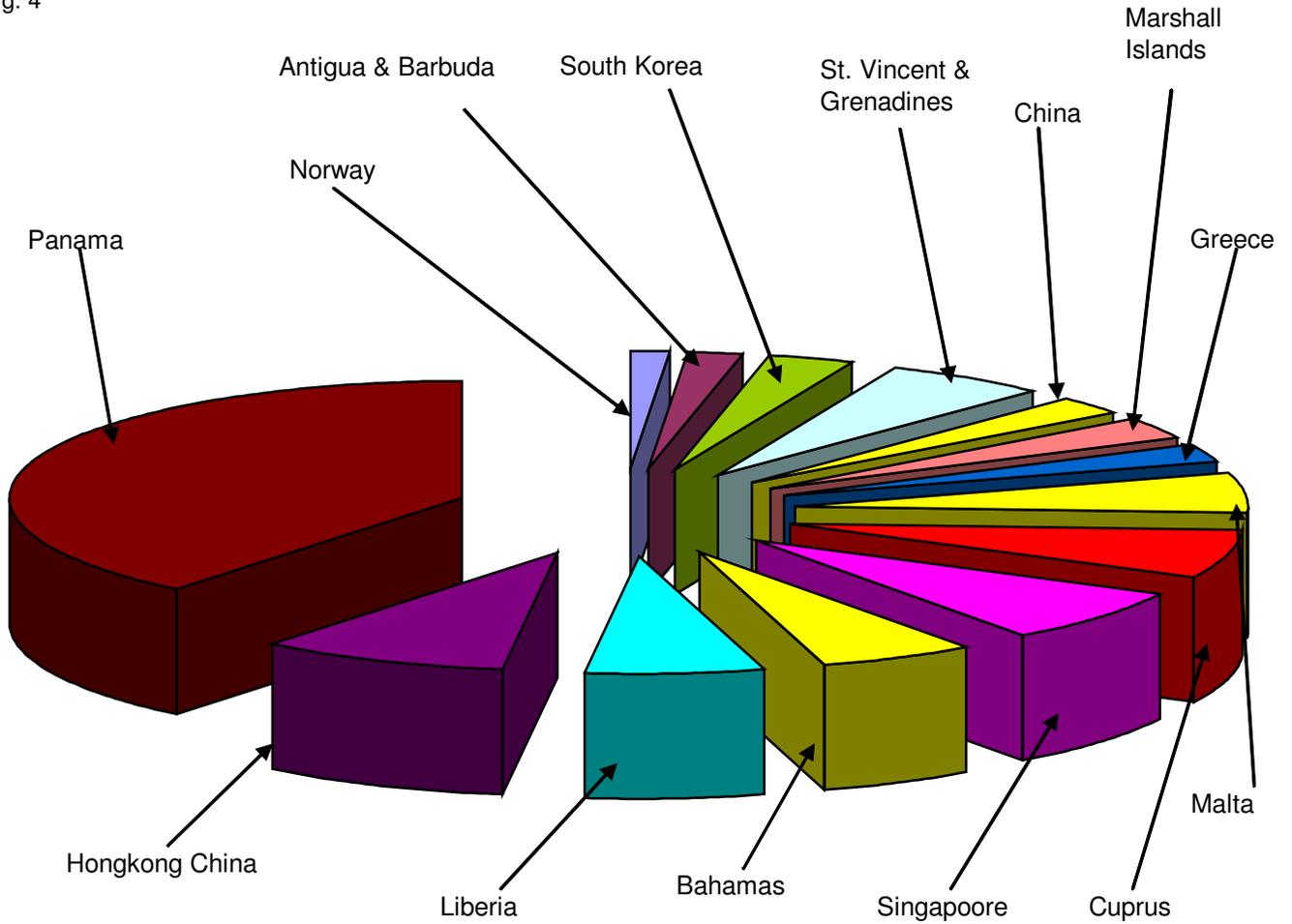
Fig. 3



This graph depicts 20 inspections and above/ Ship Type

### Deficiencies by Flag

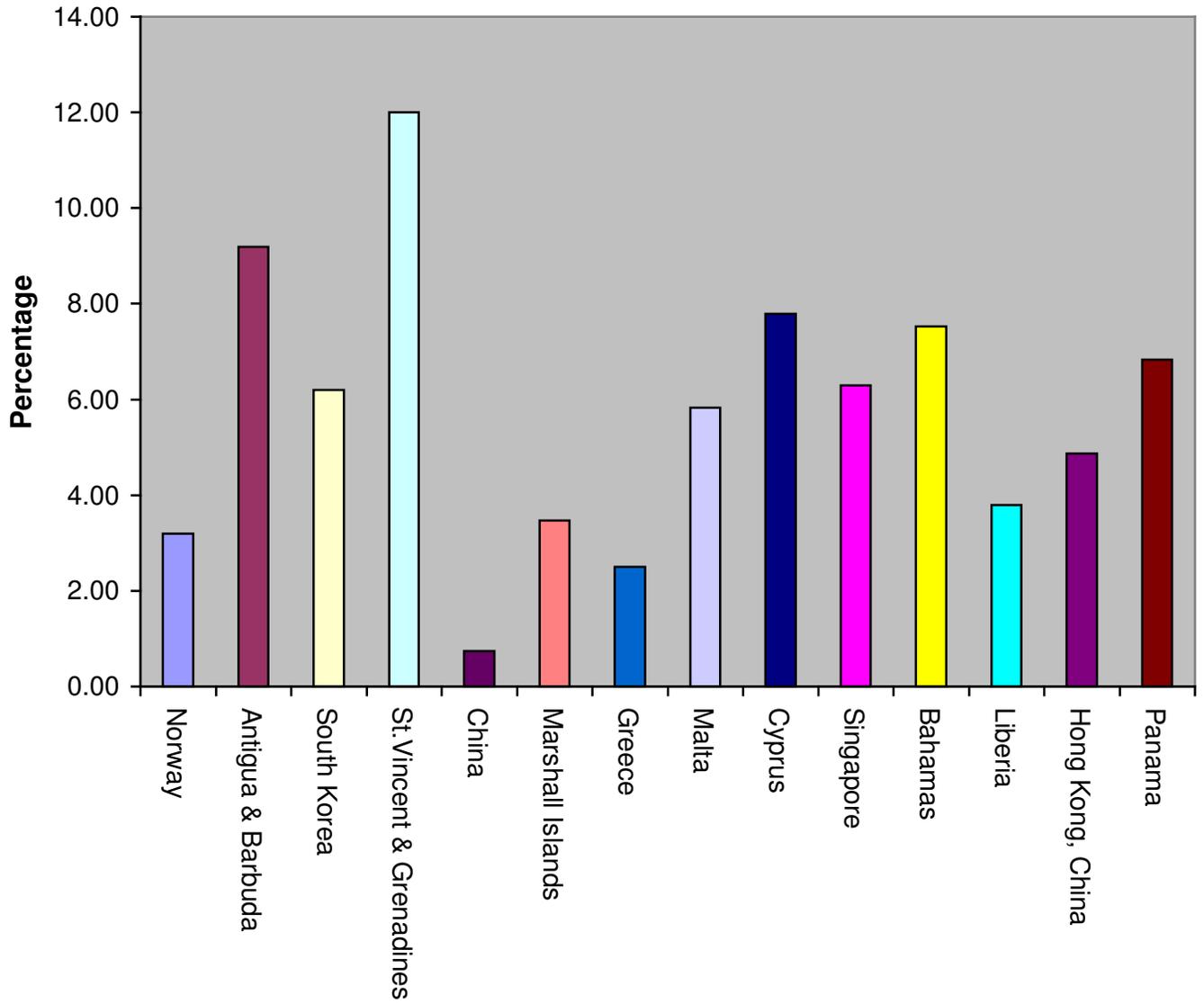
Fig. 4



This graph depicts 75 inspections and above / Flag.

### Percentage of Detentions by Flag

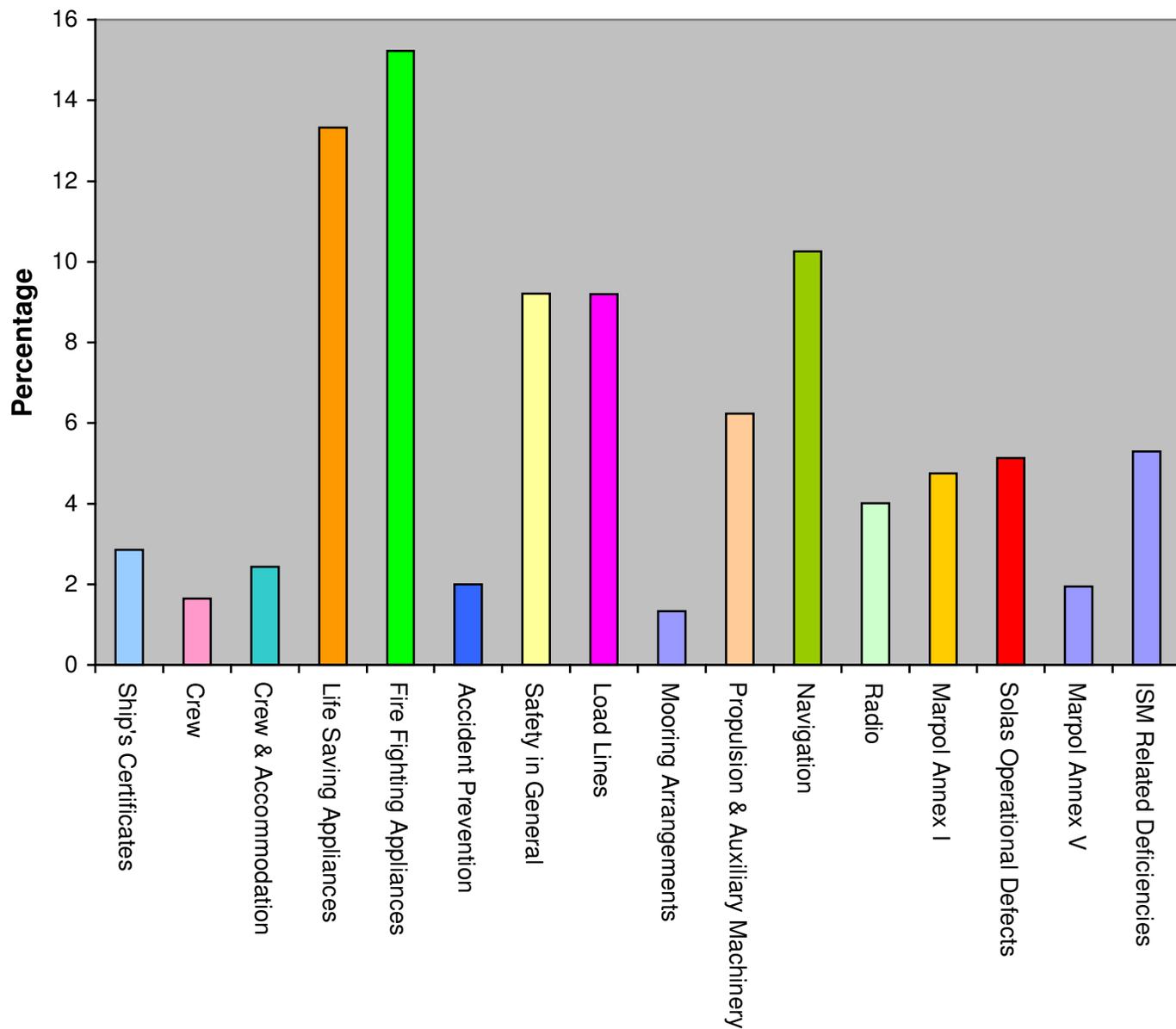
Fig. 5



This graph depicts 75 inspections and above / Flag.

### Deficiency Percentage By Categories

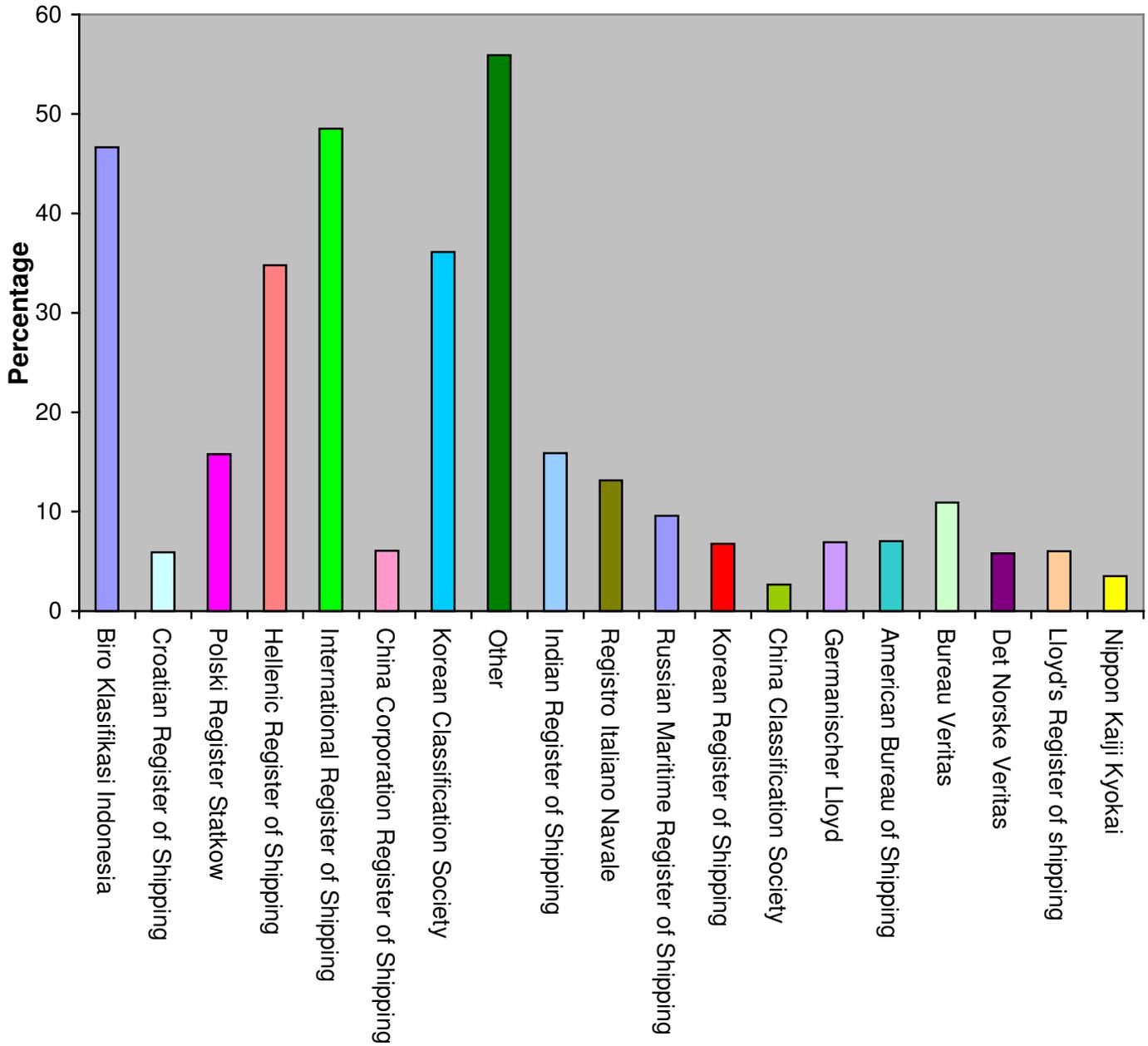
Fig. 6



This graph depicts deficiencies percentage 1.5 and above.

### Detention Percentage By Classification Societies

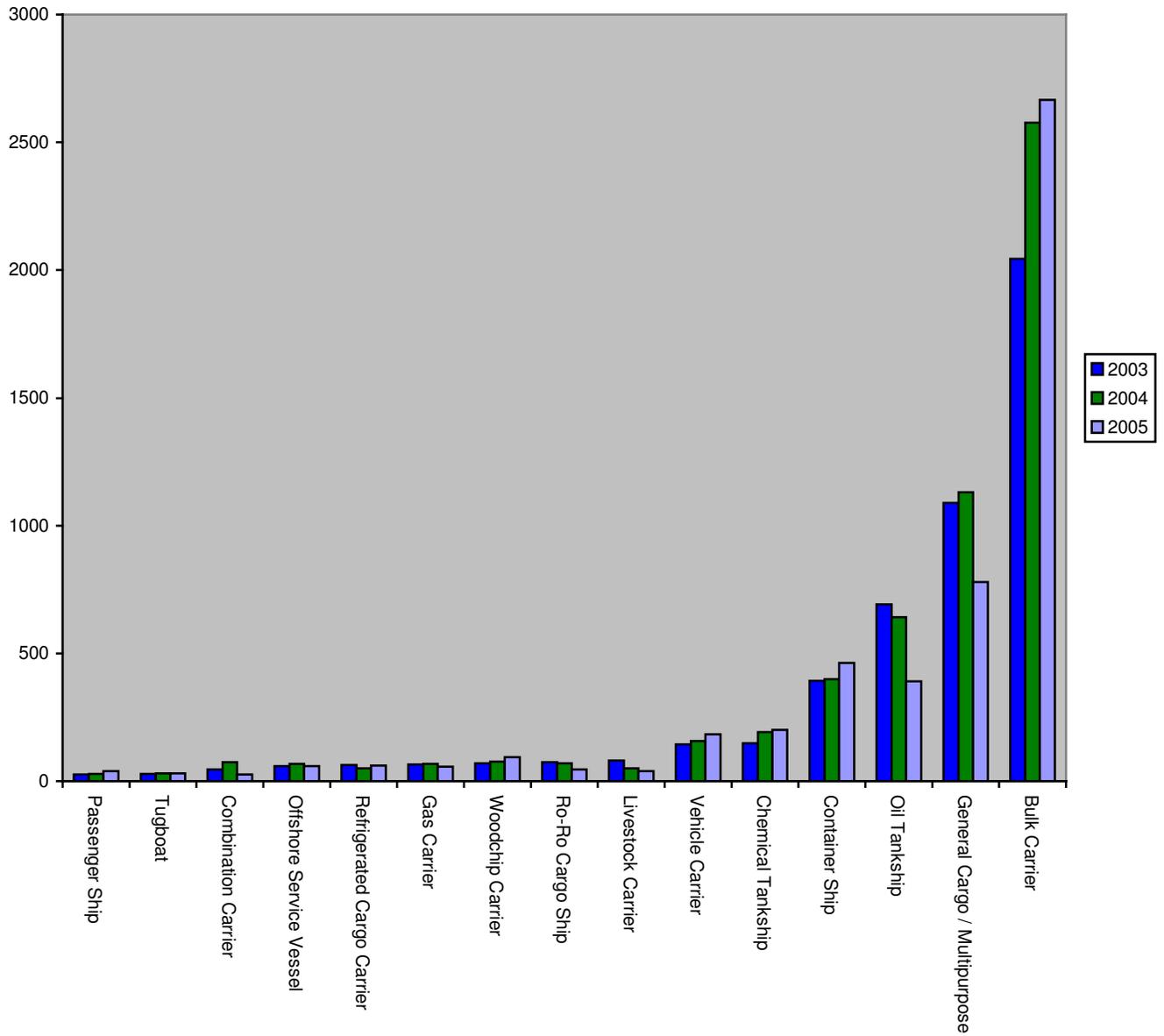
Fig. 7



This graph depicts inspections of 10 Ships and above/ Classification Society

### Comparison of Inspections per Ship Type

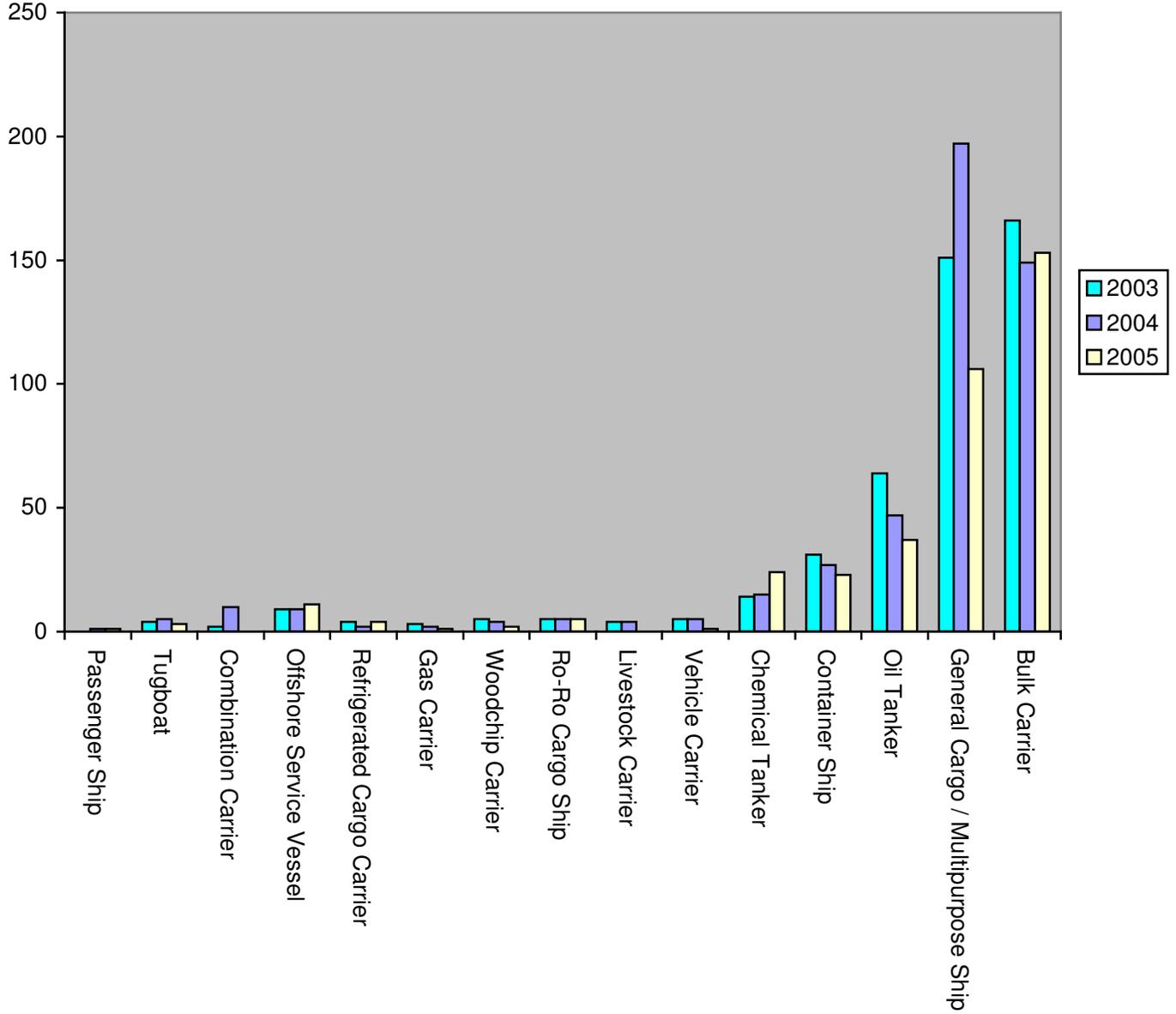
Fig. 8



This graph depicts 30 inspections and above either for 2003, 2004 or 2005 / Ship Type.

### Comparison of Detentions per Ship Type

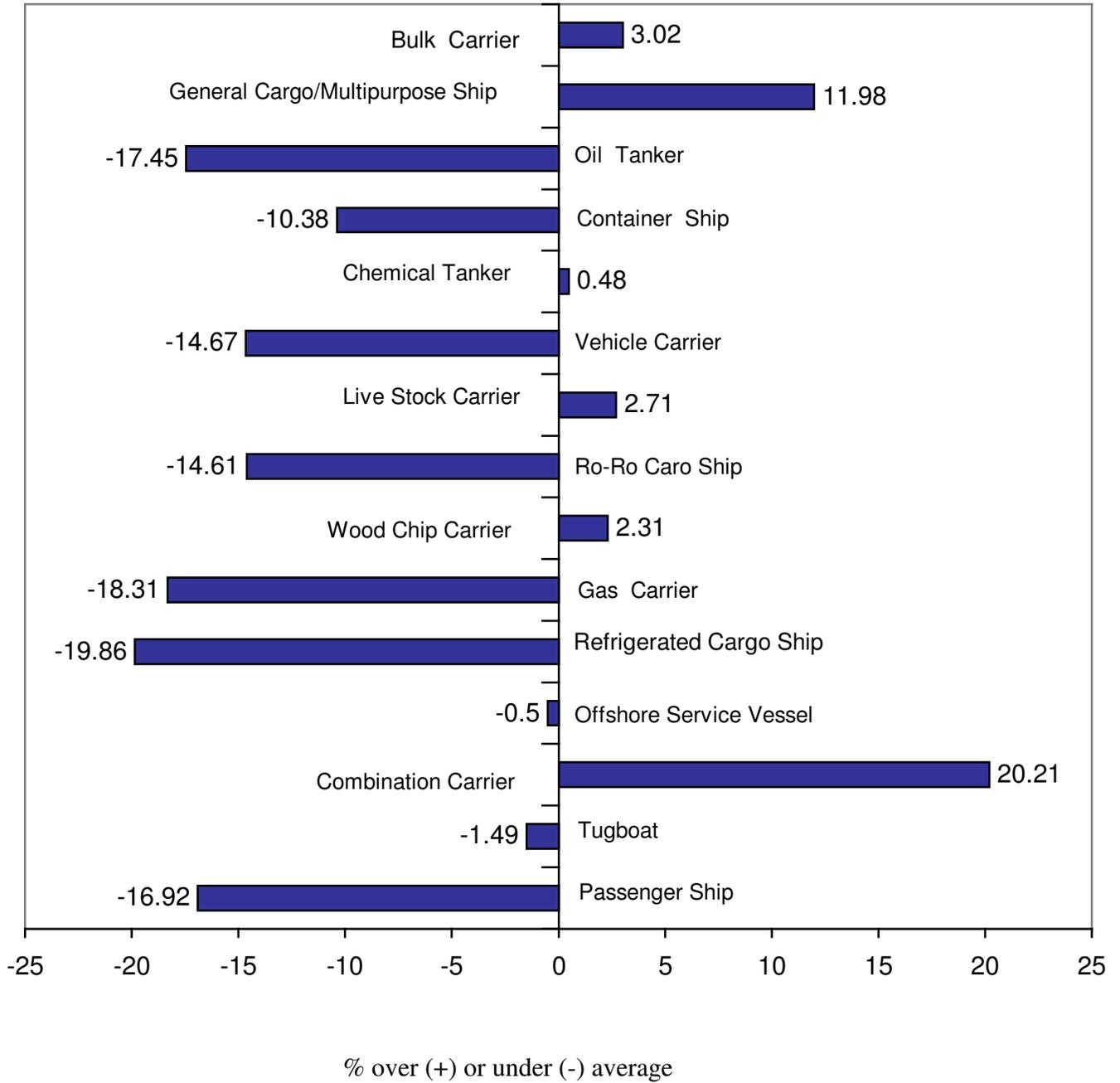
Fig. 9



This graph depicts 30 inspections and above either for 2003, 2004 or 2005 / Ship Type.

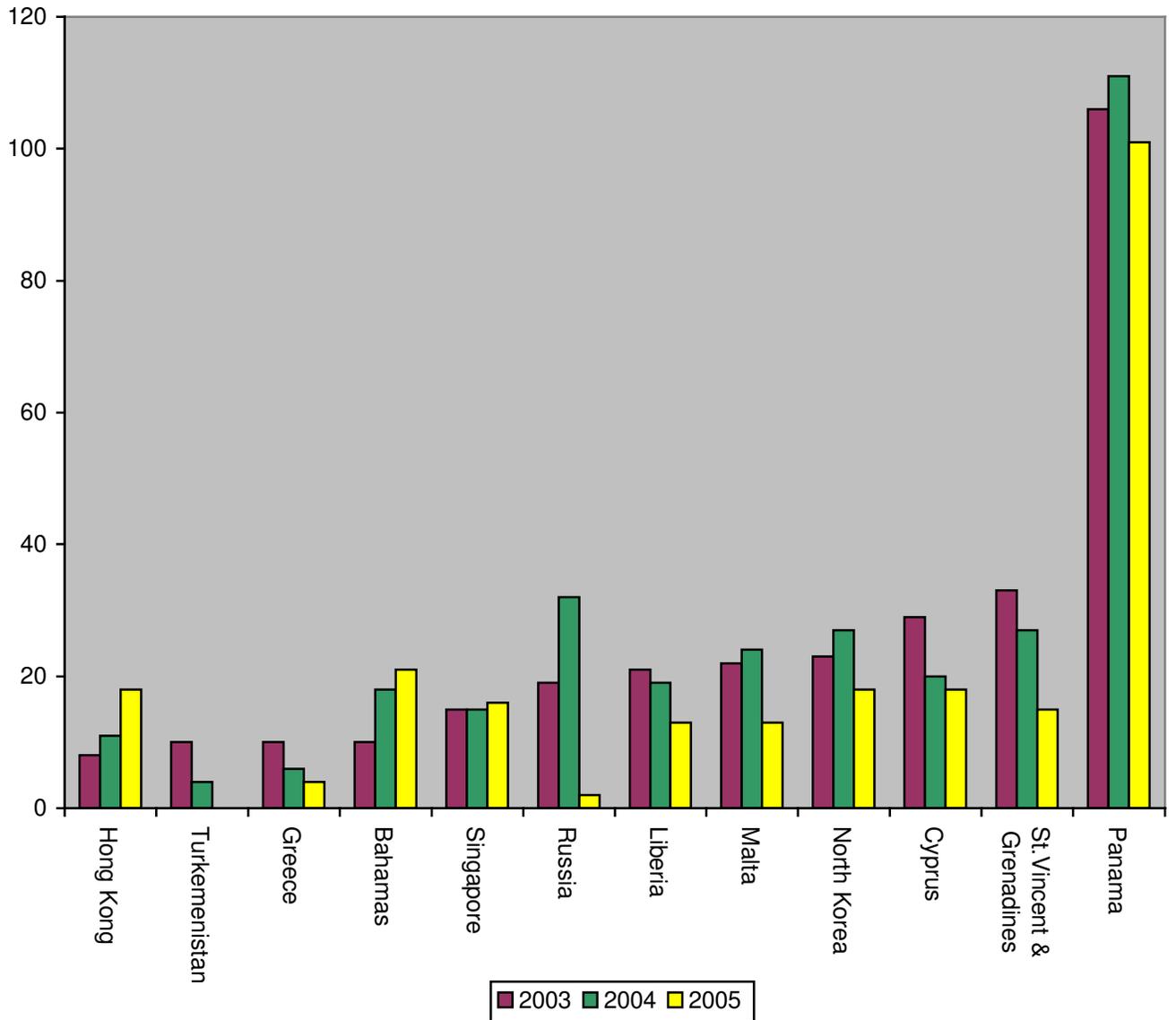
### Summary of 3-year Inspections with Deficiencies per Ship Type

Fig 10



### Comparison of Detentions per Flag

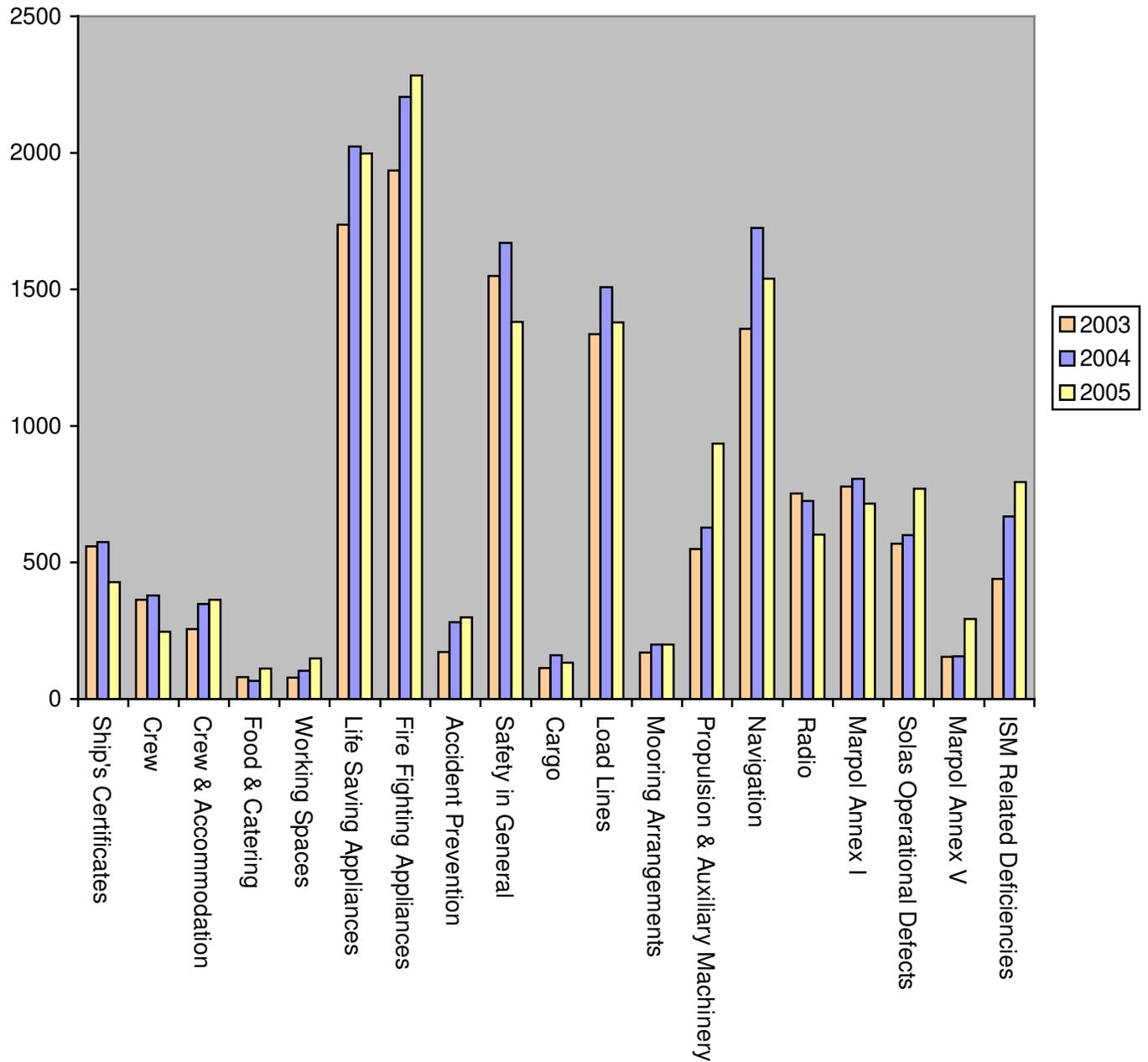
Fig 11



This graph depicts detentions of 10 and above either for 2003, 2004 or 2005/ flag

### Comparison of Deficiencies by Categories

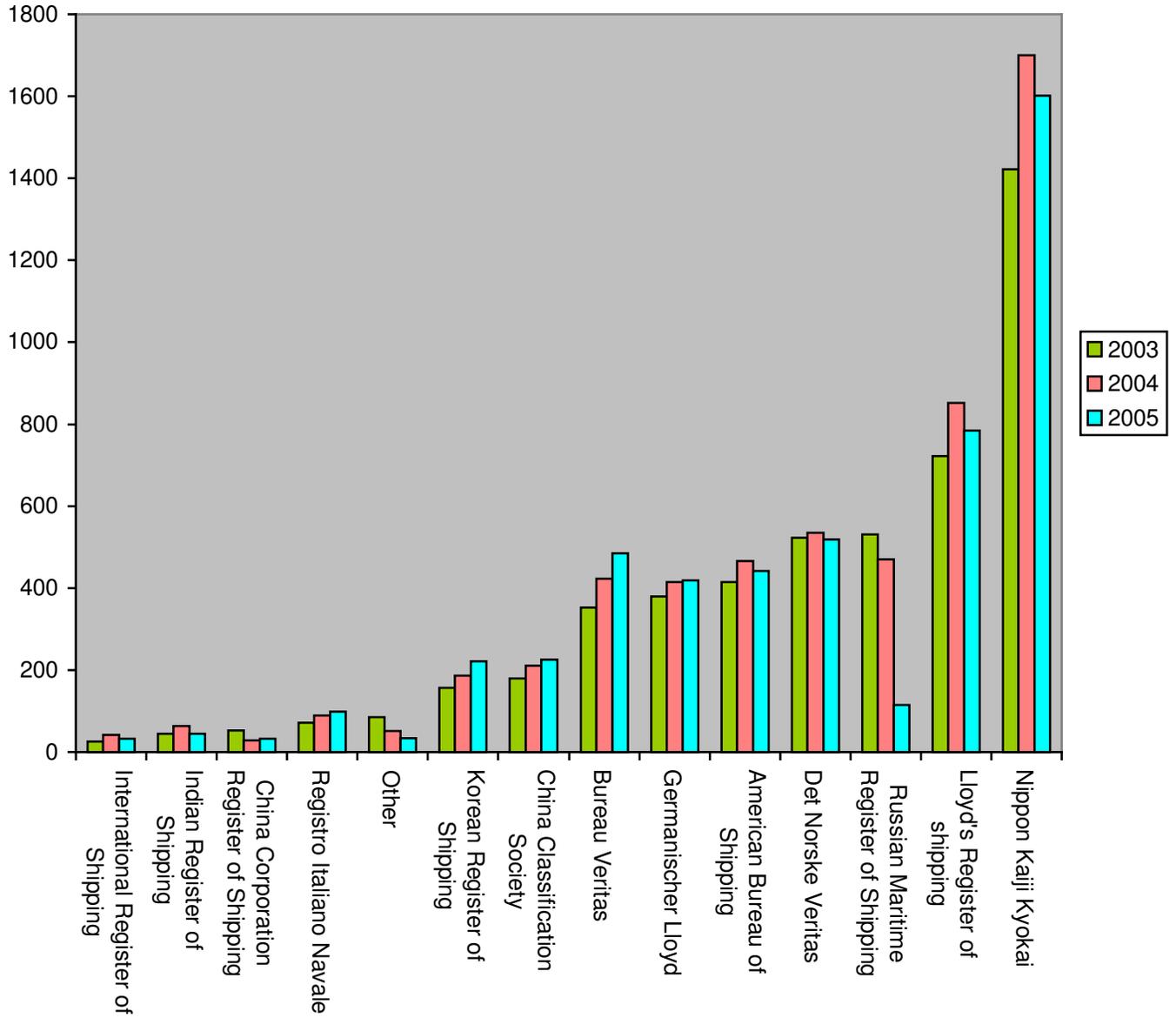
Fig. 12



This graph depicts deficiencies of 100 and above either for 2003, 2004 or 2005

### Comparison of Inspections per Classification Societies

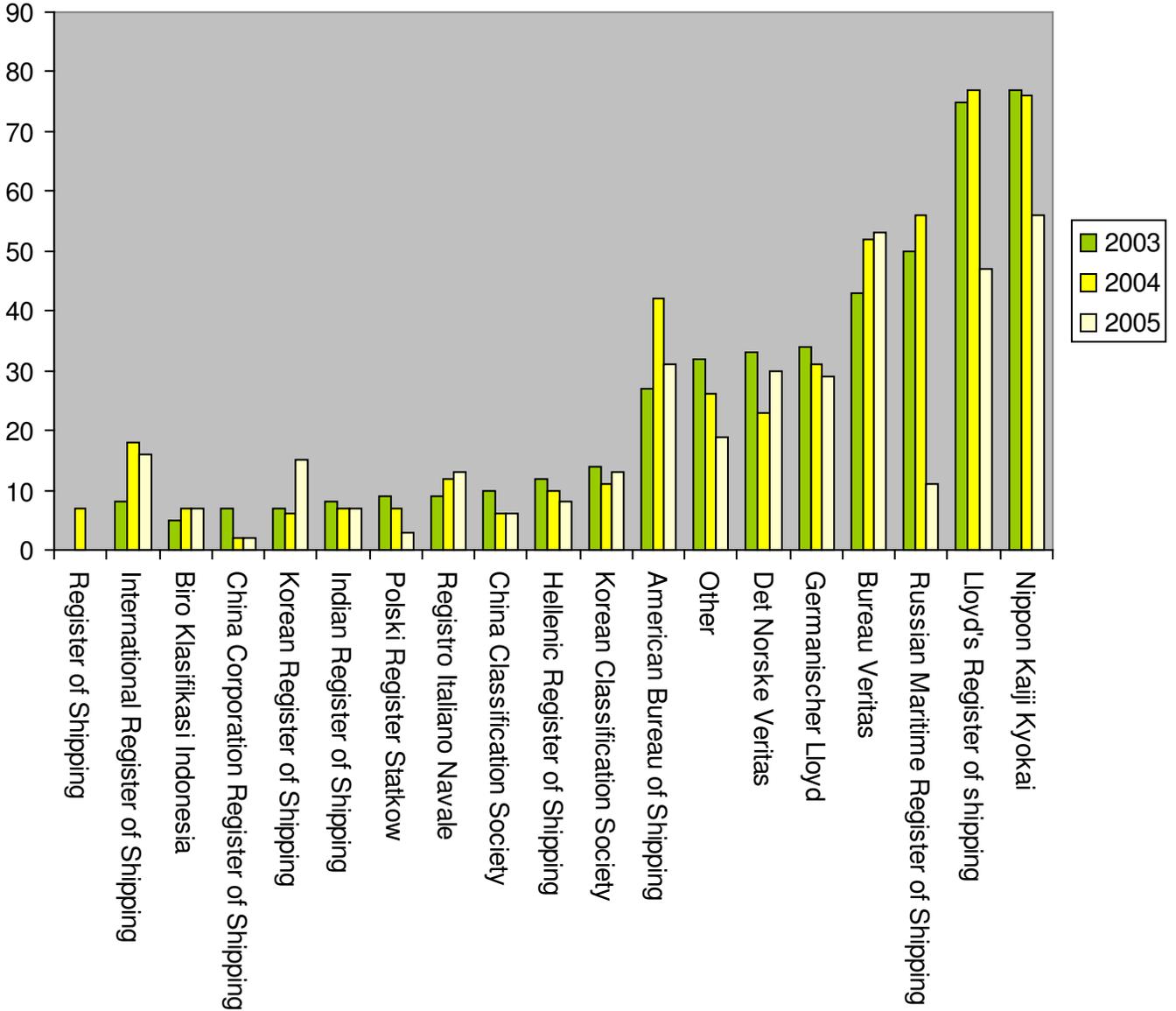
Fig. 13



This graph depicts inspections of 40 ships and above either for 2003, 2004 or 2005

### Comparison of Detentions per Classification Societies

Fig. 14



This graph depicts detentions of 5 and above either for 2003, 2004 or 2005

## THE REPORT OF CIC ON FFA

<b>Name of reporting Authority</b>	<b>AUSTRALIA</b>
<b>Total number of inspection</b>	<b>183</b>
<b>Total number of deficiencies</b>	<b>35</b>
<b>Total number of detention</b>	<b>4</b>

<b>Name of reporting Authority</b>	<b>INDIA</b>
<b>Total number of inspection</b>	<b>159</b>
<b>Total number of deficiencies</b>	<b>163</b>
<b>Total number of Detentions*</b>	<b>6</b>

\*detention related to CIC is only taken to account.

<b>Name of reporting Authority</b>	<b>IRAN</b>
<b>Total number of inspection</b>	<b>116</b>
<b>Total number of deficiencies</b>	<b>78</b>
<b>Total number of detention</b>	<b>3</b>

<b>Name of reporting Authority</b>	<b>MAURITIUS</b>
<b>Total number of inspection</b>	<b>6</b>
<b>Total number of deficiencies</b>	<b>10</b>
<b>Total number of detention</b>	<b>1</b>

<b>Name of reporting Authority</b>	<b>SOUTH AFRICA</b>
<b>Total number of inspection</b>	<b>75</b>
<b>Total number of deficiencies*</b>	<b>27</b>
<b>Total number of detention</b>	<b>--</b>

- 6 deficiencies were not clearly mentioned as FFA. Actual deficiencies are 21

<b>Name of reporting Authority</b>	<b>SUDAN</b>
<b>Total number of inspection</b>	<b>46</b>
<b>Total number of deficiencies</b>	<b>171</b>
<b>Total number of detention</b>	<b>--</b>

**All Reporting Authorities**

<b>Total number of inspection</b>	<b>585</b>
<b>Total number of deficiencies</b>	<b>484</b>
<b>Total number of detention</b>	<b>14</b>

## DIRECTORATE GENERAL OF SHIPPING, INDIA

India, with a long coastline of 7500 km and with the fifth largest force of seafarers is one of the predominant seafaring nations in the world. Indian tonnage has been growing steadily and India is among the 15 leading merchant fleets owning nations in the world with an aggregate tonnage of 8.3 million GT.

The Directorate General of Shipping, an attached office of the Ministry of Shipping, Road Transport and Highways, Government of India is the headquarters of the Indian Maritime Administration. The office of the Directorate General of Shipping was established at Mumbai in 1949 with an aim to cope with all matters relating to shipping policy and legislation, implementation of various International Conventions relating to safety and security of ships, prevention of pollution of the marine environment and other mandatory regulations of the International Maritime Organization, promotion of Maritime Education and training, examination & certification of seafarers etc. The Directorate has five regional offices headed by Principal Officers and eight district level offices headed by Surveyor –in-Charges for carrying out various statutory surveys, audits, Port State Control and Flag State Implementation inspections. The Directorate has also established a communication center, which facilitate security related communication with Indian vessels all round the world on 24x7 basis.

The Director General of Shipping enjoys statutory recognition under section 7 of the Merchant Shipping Act, 1958. In the Directorate, he is assisted on the administrative side, by a Joint Director General of Shipping, six Dy. Directors General of Shipping, nine Asstt. Directors General of Shipping and 3 Executive Officers. On the technical side he is assisted by the Nautical Adviser to the Govt. of India supported by three Dy. Nautical Advisers, five Nautical Surveyors and one Radio Inspector; on the Engineering side by the Chief Surveyor with the Govt. of India supported by 2 Dy. Chief Surveyors and four Engineer and Ship Surveyors and on the Naval Architecture side by one Chief Ship Surveyor and one Ship Surveyor.

The Heads of allied offices supported by their subordinate officers also assist the DGS in the over all discharge of various statutory functions. The Nautical Adviser and Chief Surveyor are also Chief Examiners of Masters/ Mates and Engineers respectively.

The Directorate General of Shipping has been giving high priority to the PSC and FSI inspections with a view to ensure compliance with international conventions and regulations relating to safety and security of ships and the crew, protection of marine environment etc.. With the result of that the PSC and FSI inspections have steadily increased over the years. India started doing PSC inspections in an organized manner from the year 1993 when the total number of PSC inspections was 16. This has steadily increased to 912 by the year 2005. Similarly, the FSI inspections have also steadily increased from 73 in the year 1993 to 320 by the year 2005.