

**FOREWORD**

The Committee is pleased to present the sixth 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 2004.

The year 2004 had been quite eventful for the Indian Ocean Memorandum of Understanding on Port State Control. Unfortunately, the greatest and saddest devastation of recent time in the form of killer waves of the Tsunami on 26 December 2004, over shadowed all other events. The Tsunami caused devastation to three of IOMOU's member countries namely Sri Lanka, Maldives and India. The sympathies and the condolences conveyed to the Secretariat by many including the other regional MOUs have been heartening and showed the solidarity at the time of grief and sorrow.

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.

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.

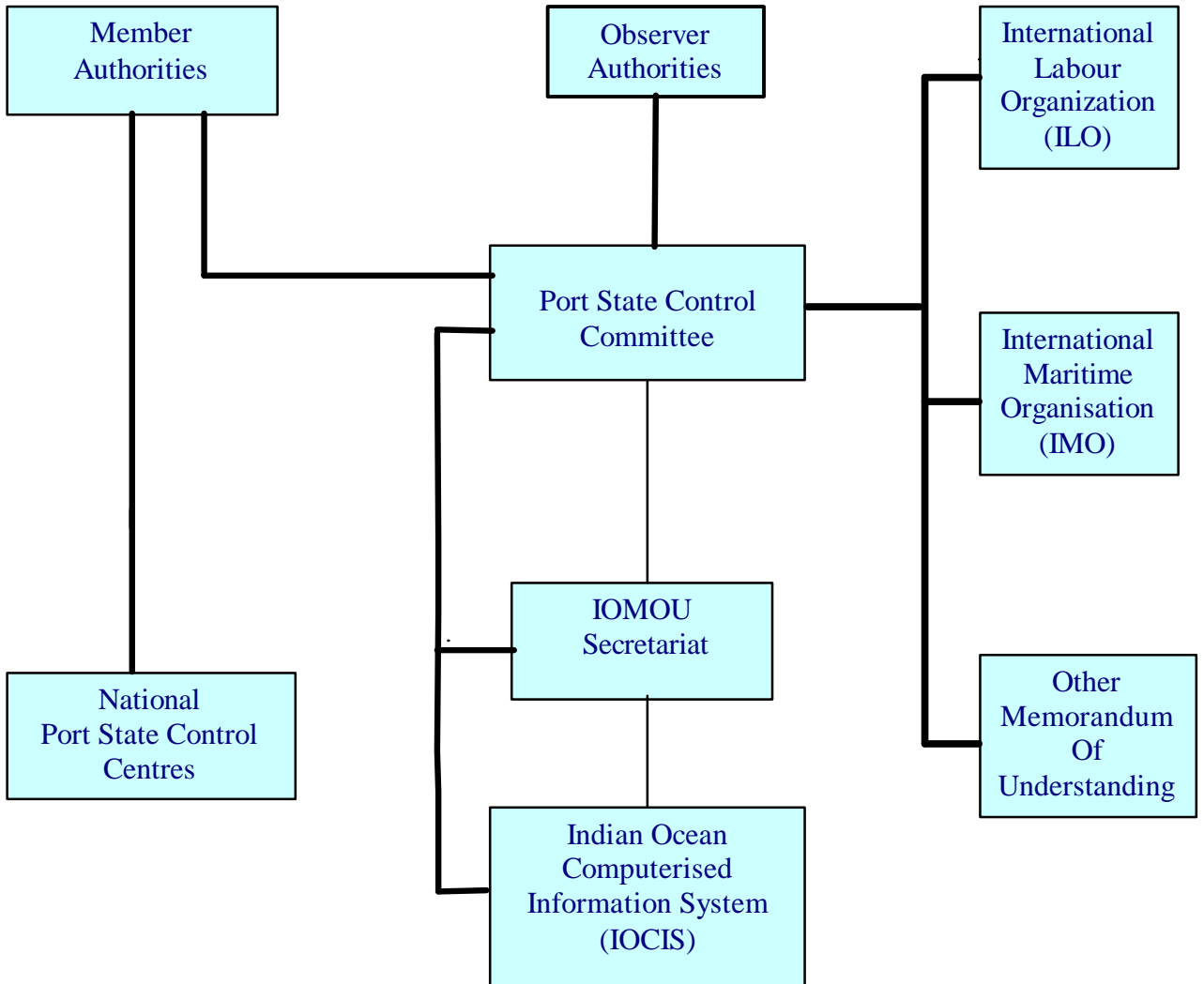
Under the Memorandum each Authority will establish and maintain an effective system of port State control. The ultimate goal is to identify and eliminate substandard ships from the region.

## LIST OF THE MEMBERS AND THE OBSERVERS

As at December 2003, there were twelve countries, which have become parties to the Memorandum. These were: **Australia, Eritrea, India, Iran, Kenya, Maldives, Mauritius, Oman, Sri Lanka, South Africa, Sudan and Tanzania.** With the accession to the IOMOU by the **Republic of Yemen,** as at **December 2004,** thirteen countries have become parties to the Memorandum.

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 Ms. Sharada Fadte, Data Processor.

## CONTACT DETAILS

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## THE COMMITTEE

The Committee of the IOMOU held its Seventh Meeting in Amboseli, Kenya from 27 September to 30 September 2004. The meeting was kindly hosted by the Ministry of Transport, Kenya.

The meeting under the chairmanship of Mr. Michael Kinley, Manager, Ship Inspections Maritime Operations, Australian Maritime Safety Authority was attended by representatives from the Maritime Authorities of Australia, India, Iran, Kenya, Maldives, Mauritius, Oman, South Africa, Sri Lanka, Sudan and Yemen.

Important outcomes of this meeting included:

Finalisation of the development and hosting of IOCIS for handling the region's PSC inspection data.

The creation of Inter-sessional Groups which will look after:

- a) Amendments to PSC MOU/Manual
- b) Developing guidelines for the responsibility assessment of Recognised Organisations for possible inclusion in the Manual.
- c) Organise Seminar for PSCOs of the region.
- d) Developing guidelines for CIC on FFA to be carried out early 2005.

Election of Chairman,

Finalisation of the venue for the eight meeting.



## **TRAINING AND SEMINARS FOR PORT STATE CONTROL OFFICERS**

The Committee deliberated on the need to conduct regional seminars for Port State Control Officers, for the effective and harmonised implementation of the port State control activities in Indian Ocean region. Since the first such seminar could not be organised this year, the Committee decided to hold such seminar shortly.

## **CO-OPERATION WITH OTHER REGIONAL MOUS**

Considering that all the regional port State control MOUs/ Agreements have a common goal, it is imperative that there are co-operations amongst the PSC regimes. The IMO took the initiative to provide a common platform by way of workshop for the existing MOUs/ Agreements namely, Asia-Pacific MOU; Black Sea MOU; Caribbean MOU; Indian Ocean MOU; Mediterranean MOU; Paris MOU; Vina del Mar Agreement and the West and Central African MOU, as well as United States Coast Guard.

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 and attended the following meetings.

The 2<sup>nd</sup> Joint Ministerial Conference of Tokyo and Paris MOU was held from 2 to 3 Nov. 2004, in Vancouver Canada.,

The fourteenth meeting of the Asia Pacific MOU on PSC Committee was held from 22 to 25 November, 2004 in Shanghai, China.

**IOCIS / WEBSITE**

The Indian Ocean Memorandum of Understanding Computerised Information system is under development, Beta Version is already released for the trial of the Member Authorities and System will be operational in early 2005. 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	SESSIONS	KBYTES SENT
Jan-04	--	--	--	--	--
Feb-04	--	--	--	--	--
Mar-04	3900	2721	136	535	46322
Apr-04	--	--	--	--	--
May-04	18992	12200	627	1119	201359
Jun-04	24427	15038	749	1209	336188
Jul-04	22548	14708	753	1362	358626
Aug-04	26476	18060	941	1380	358299
Sep-04	24242	15613	836	1361	334140
Oct-04	26322	17283	1048	1416	407669
Nov-04	26733	16667	1027	1407	348670
Dec-04	31661	21933	1196	1607	364256
<b>Total</b>	<b>205301</b>	<b>134223</b>	<b>7313</b>	<b>11396</b>	<b>2755526</b>

## STATISTICS

A total of 5690 inspections were carried out in the year 2004. 3087 ships with deficiencies were noted during these inspections, with the total number of deficiencies being 15142.

Serious deficiencies noted by PSCOs led to the detention of 489 ships. The detentions allowing for the rectification of the serious deficiencies prior to the ships departure. The overall detention percentage for the year being 8.59%. The detention percentage has decreased, as compared to last year, though the total number of inspection is more than the previous year. This does indicate that the PSC has created an impact.

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 and Tanzania.

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.

## CORRIGENDUM

Due to oversight, in the annual report of 2003 in table 2 and table 7 under the flag North Korea (D.P.R. of Korea) the total number of inspections have been shown as 38 which should read as 40, number of ships with deficiencies 27 which should read as 29, number of deficiencies 437 which should read as 468, number of detention 21 which should read as 23 and the percentage should read as 57.5. Similarly, under the flag South Korea (Republic of Korea) the total number of inspection should be read as 70 instead of 72, number of ships with deficiencies should be read as 37 instead of 39, number of deficiencies should be read as 121 instead of 152, number of detention should be read as 3 instead of 5 and the percentage as 4.28 instead of 6.94.

Also in table 4 under the class Korean Register of Shipping the total number of inspection have been shown as 158, number of ships with deficiencies 71 and detention have shown as 9 which should read as 156, 69 and 7 respectively and the percentage should read as 4.48, Similarly Korean Classification Society total number of inspection should be read as 18 instead of 16, number of ships with deficiency should read as 16 instead of 14, number of detention should read as 14 instead of 12 and the percentage should be 77.78 instead of 75.00. Same correction should be effected in table 9 and 10 under the column 2003.

The Error is regretted

**PORT STATE INSPECTION ACTIVITIES****STATISTICS FOR 2004****PORT STATE INSPECTIONS CARRIED OUT BY AUTHORITIES**

<b>Authority</b>	<b>Number of Inspections</b>	<b>Number of Inspections with deficiencies</b>	<b>Number of Deficiencies</b>	<b>Number of Detentions</b>	<b>Detention Percentage</b>
Australia	3200	1751	7494	177	5.53
Eritrea	12	5	8	0	0.00
Iran	1230	626	3157	179	14.55
India	878	663	4237	123	14.00
Mauritius	2	0	0	0	0.00
South Africa	222	38	208	6	2.70
Sudan	111	0	0	0	0.00
Sri Lanka	6	4	38	4	66.67
Tanzania	29	0	0	0	0.00
<b>Total</b>	<b>5690</b>	<b>3087</b>	<b>15142</b>	<b>489</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	27	8	54	1	3.70	29.63
Oil Tanker	642	224	1034	47	7.32	34.89
Gas Carrier	67	20	51	2	2.99	29.85
Chemical Tanker	192	98	478	15	7.81	51.04
Dry Bulk Carrier	2577	1482	6877	149	5.78	57.51
Vehicle Carrier	158	63	184	5	3.16	39.87
Container Ship	399	170	623	27	6.77	42.61
Combination Carrier (includes OBO/O&O)	74	62	248	10	13.51	83.78
Ro-Ro Cargo Ship	69	25	113	5	7.25	36.23
Ro-Ro Passenger Ship	4	0	0	0	0.00	0.00
General Cargo / Multipurpose ship	1130	744	4632	197	17.43	65.84
Refrigerated Cargo Carrier	51	17	81	2	3.92	33.33
Woodchip Carrier	76	48	124	4	5.26	63.16
Livestock Carrier	51	35	214	4	7.84	68.63
Passenger Ship	28	12	27	1	3.57	42.86
Heavy Load Carrier	16	11	42	4	25.00	68.75
Offshore Service Vessel	67	27	170	9	13.43	40.30
Special Purpose Ship	14	12	48	1	7.14	85.71
Tugboat	30	19	98	5	16.67	63.33
Other Type*	18	10	44	1	5.56	55.56
<b>Total</b>	<b>5690</b>	<b>3087</b>	<b>15142</b>	<b>489</b>		

\* Includes Cable repair vessel, Cement Carrier , Hopper Dredger.

Table : 2

**Deficiencies by Flag**

Flag	Number of Inspections	Number of Ships With Deficiencies	Number of Deficiencies	Number of Detentions	Detention Percentage
Azerbaijan	57	36	139	7	12.28
Antigua & Barbuda	87	41	108	5	5.75
Algeria	8	6	62	2	25.00
Bahamas	249	123	463	18	7.23
Bangladesh	21	17	152	8	38.10
Barbados	1	1	3	0	0.00
Belize	18	16	121	4	22.22
Belgium	10	4	12	1	10.00
Bermuda	32	12	27	0	0.00
Bolivia	7	2	7	0	0.00
Bahrain	5	4	31	2	40.00
Brazil	3	3	36	1	33.33
Comoros	7	3	22	2	28.57
China People's Republic of	143	72	226	3	2.10
Croatia	12	8	34	0	0.00
Cyprus	265	163	806	20	7.55
Colombia	1	1	11	1	100.00
Cayman Islands	23	14	66	3	13.04
Cambodia	19	17	142	7	36.84
D.P.R. of Korea	61	43	568	27	44.26
Denmark	40	19	68	3	7.50
Dominica	3	2	14	2	66.67
Dominican Republic	2	1	3	1	50.00
Egypt	12	10	47	1	8.33
Eritrea	2	1	3	0	0.00
Ethiopia	8	4	22	1	12.50
France	14	6	13	0	0.00
Georgia	15	13	86	4	26.67
Germany	15	8	24	1	6.67
Ghana	4	2	33	2	50.00
Gibraltar	8	4	7	1	12.50
Greece	209	91	342	6	2.87
Honduras	1	0	0	0	0.00
Hong Kong, China	331	154	684	11	3.32
India	74	38	231	6	8.11
Indonesia	17	17	205	9	52.94
Ireland	4	4	18	0	0.00
Iran	26	20	106	1	3.85
Italy	30	15	57	2	6.67
Isle of Man	65	28	74	3	4.62
Japan	58	24	59	1	1.72
Jordan	8	8	86	5	62.50
Kuwait	8	4	10	0	0.00
Liberia	346	151	536	19	5.49
Luxembourg	2	0	0	0	0.00
Lebanon	5	3	35	3	60.00
Malaysia	81	50	217	5	6.17
Malta	265	165	868	24	9.06

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	111	47	159	4	3.60
Maldives	2	2	22	1	50.00
Myanmar	14	12	88	3	21.43
Morocco	2	1	8	0	0.00
Mongolia	10	9	170	7	70.00
Netherlands	49	29	86	3	6.12
Netherlands Antilles	7	2	3	1	14.29
New Zealand	6	2	7	0	0.00
Norway	100	43	192	3	3.00
Panama	1411	729	3628	111	7.87
Papua New Guinea	13	13	115	4	30.77
Philippines	77	48	214	5	6.49
Portugal	2	1	5	1	50.00
Pakistan	6	4	27	0	0.00
Qatar	8	5	42	2	25.00
Republic of Korea	85	50	212	1	1.18
Russian Federation	358	233	806	32	8.94
Samoa	1	0	0	0	0.00
St. Vincent & Grenadines	134	94	697	27	20.15
Saudi Arabia	10	4	27	2	20.00
Singapore	260	136	641	15	5.77
Slovakia	2	2	25	2	100.00
South Africa	2	1	4	0	0.00
Sierra Leone	2	2	24	2	100.00
Sweden	19	5	12	0	0.00
Switzerland	11	8	21	0	0.00
Seychelles	1	1	32	1	100.00
Sudan	1	1	15	1	100.00
Sri Lanka	17	15	118	3	17.65
Sao Tome and Principe	1	0	0	0	00.00
Syrian Arab Republic	4	1	6	0	0.00
Taiwan	22	13	42	1	4.55
Tanzania	1	1	4	0	0.00
Thailand	72	47	269	14	19.44
Tonga	4	2	13	0	0.00
Turkmenistan	5	5	44	4	80.00
Tunisia	2	0	0	0	0.00
Turkey	50	34	226	7	14.00
United Arab Emirates	20	11	62	5	25.00
United Kingdom	54	18	60	1	1.85
Ukraine	3	2	9	1	33.33
United States of America	1	0	0	0	0.00
Vietnam	16	9	34	1	6.25
Vanuatu	32	17	89	2	6.25
<b>Total</b>	<b>5690</b>	<b>3087</b>	<b>15142</b>	<b>489</b>	

Table : 3

**Deficiencies by Categories**

<b>Code</b>	<b>Nature Of Deficiencies</b>	<b>Number of Deficiencies</b>	<b>Percentage</b>
100	Ship's Certificates	575	3.80
200	Crew	378	2.50
300	Crew & Accommodation	347	2.29
400	Food & Catering	66	0.44
500	Working Spaces	103	0.68
600	Life Saving Appliances	2024	13.37
700	Fire Fighting Appliances	2206	14.57
800	Accident Prevention	281	1.86
900	Safety in General	1670	11.03
1000	Alarm Signals	52	0.34
1100	Cargo	160	1.06
1200	Load Lines	1507	9.95
1300	Mooring Arrangements	200	1.32
1400	Propulsion & Auxiliary Machinery	627	4.14
1500	Navigation	1724	11.39
1600	Radio	725	4.79
1700	Marpol Annex I	806	5.32
1800	Tankers	33	0.22
1900	Marpol Annex II	28	0.18
2000	Solas Operational Defects	599	3.96
2100	Marpol Operational Defects	87	0.57
2200	Marpol Annex III	4	0.03
2300	Marpol Annex V	156	1.03
2500	ISM Related Deficiencies	667	4.40
2600	Bulk Carriers Additional Safety Measures	53	0.35
9800	Other Deficiencies	0	0.00
9801	Other Defects Clearly Hazardous to Safe Healthy Environment	24	0.16
9900	P&I Club Entry Certificate No Evidence of Entry	0	0.00
9901	Other Defects Not Clearly Hazardous to Safe Healthy Environment	40	0.26
<b>Total</b>		<b>15142</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	466	242	42	9.01
Bureau Veritas	BV	423	255	52	12.29
Biro Klasifikasi Indonesia	BKI	12	12	7	58.33
China Classification Society	CCS	210	125	6	2.86
China Corporation Register of Shipping	CCRS	29	14	2	6.90
CONARINA		1	1	1	100.00
Croatian Register of Shipping	CRS	17	12	3	17.65
Det Norske Veritas	DNV	535	246	23	4.30
Germanischer Lloyd	GL	415	193	31	7.47
Global Marine Bureau		1	1	0	0.00
Hellenic Register of Shipping	HRS	23	19	10	43.48
Honduras International Naval Surveying & Inspection Bureau	HINSIB	1	1	1	100.00
International Register of Shipping	IS	42	34	18	42.86
Indian Register of Shipping	IRS	64	36	7	10.94
International Naval Surveys Bureau	INSB	7	3	1	14.29
Inspection Y Classification maritima		1	0	0	0.00
Isthmus Bureau of Shipping	IBS	2	2	1	50.00
Korean Register of Shipping	KRS	187	99	6	3.21
Korean Classification Society		33	25	11	33.33
Lloyd's Register of shipping	LRS	852	481	77	9.04
Nippon Kaiji Kyokai	NKK	1700	842	76	4.47
Panama Maritime Surveyors Bureau Inc.	PMSB	2	2	1	50.00
Panama Register Corporation	PRC	5	2	1	20.00
Panama Bureau of Shipping	PBC	1	1	0	0.00
Polski Rejestr Statkow	PRS	22	18	7	31.82
Registro Italiano Navale	RINA	89	51	12	13.48
RINAVE Portuguesa	RP	1	0	0	0.00
Russian Maritime Register of Shipping	RMRS	470	317	56	11.91
Register of Shipping		13	7	7	53.85
Russian River Register	RR	1	0	0	0.00
Shipping Register of Ukraine		1	1	0	0.00
Turkish Lloyd	TL	4	4	1	25.00
Vietnam Register of Shipping		2	1	1	50.00
Other **		51	36	26	50.98
Not Classed		7	4	2	28.57
<b>Total</b>		<b>5690</b>	<b>3087</b>	<b>489</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 Asian Naval Bureau, Bulgarian Register of Shipping, Flag State Netherlands, Guardian Bureau of Shipping, Horizon International Naval Surveys Bureau, Mediterranean Naval Surveys Bureau, Maritime Bureau of Shipping, Romanian National Register Sierra Leone Classification Corporation, Columbus American Register, Etc. are included in this class.

Table : 5

### Comparison of Inspections and Deficiencies per Ship Type

	Number of Inspections				Number of Inspections with Deficiencies				3-year average percentage
	YEAR				YEAR				
	2002	2003	2004	Total	2002	2003	2004	Total	
Tanker Not Otherwise Specified	5	19	27	51	1	6	8	15	29.41
Oil Tanker	616	692	642	1950	236	258	224	718	36.82
Gas Carrier	67	65	67	199	27	21	20	68	34.17
Chemical Tanker	133	149	192	474	57	72	98	227	47.89
Dry Bulk Carrier	2367	2044	2577	6988	1273	1156	1482	3911	55.97
Vehicle Carrier	136	145	158	439	62	55	63	180	41.00
Container Ship	370	392	399	1161	144	157	170	471	40.57
Combination Carrier	40	45	74	159	22	29	62	113	71.07
Ro-Ro Cargo Ship	95	75	69	239	32	25	25	82	34.31
Ro-Ro Passenger Ship	9	11	4	24	2	0	0	2	8.33
General Cargo / Multipurpose	1261	1088	1130	3479	616	680	744	2040	58.64
Refrigerated Cargo Carrier	40	64	51	155	21	25	17	63	40.65
Woodchip Carrier	64	69	76	209	40	42	48	130	62.20
Livestock Carrier	100	80	51	231	56	35	35	126	54.55
High Speed Passenger Craft	2	0	0	2	1	0	0	1	50.00
Passenger Ship	37	27	28	92	11	7	12	30	32.61
Heavy Load Carrier	9	7	16	32	6	4	11	21	65.63
Offshore Service Vessel	35	59	67	161	17	35	27	79	49.07
Fishing Vessel	2	2	0	4	2	2	0	4	100.00
MODU & FPSO	3	2	0	5	3	2	0	5	100.00
Special Purpose Ship	15	9	14	38	9	5	12	26	68.42
Tugboat	25	28	30	83	15	9	19	43	51.81
Other Type	21	21	18	60	14	12	10	36	60.0
<b>Total</b>	<b>5452</b>	<b>5093</b>	<b>5690</b>	<b>16235</b>	<b>2667</b>	<b>2637</b>	<b>3087</b>	<b>8391</b>	<b>51.68</b>

Table : 6

### Comparison of Inspections and Detentions per Ship Type

	Number of Inspections				Number of Detention				3-year average percentage
	YEAR				YEAR				
	2002	2003	2004	Total	2002	2003	2004	Total	
Tanker Not Otherwise specified	5	19	27	51	0	1	1	2	3.92
Oil Tanker	616	692	642	1950	30	64	47	141	7.23
Gas Carrier	67	65	67	199	2	3	2	7	3.52
Chemical Tanker	133	149	192	474	12	14	15	41	8.659
Dry Bulk Carrier	2367	2044	2577	6988	124	166	149	439	6.287
Vehicle Carrier	136	145	158	439	5	5	5	15	3.42
Container Ship	370	392	399	1161	18	31	27	76	6.55
Combination Carrier	40	45	74	159	0	2	10	12	7.55
Ro-Ro Cargo Ship	95	75	69	239	2	5	5	12	5.02
Ro-Ro Passenger Ship	9	11	4	24	2	0	0	2	8.33
General Cargo/Multipurpose Ship	1261	1088	1130	3479	91	151	197	439	12.62
Refrigerated Cargo Carrier	40	64	51	155	2	4	2	8	5.16
Woodchip Carrier	64	69	76	209	2	5	4	11	5.26
Livestock Carrier	100	80	51	231	8	4	4	16	6.93
High Speed Passenger Craft	2	0	0	2	0	0	0	0	00.00
Passenger Ship	37	27	28	92	1	0	1	2	2.17
Heavy Load Carrier	9	7	16	32	2	1	4	7	21.88
Offshore Service Vessel	35	59	67	161	0	9	9	18	11.18
Fishing Vessel	2	2	0	4	0	0	0	0	00.00
MODU & FPSO	3	2	0	5	0	0	0	0	00.00
Special Purpose Ship	15	9	14	38	0	2	1	3	7.89
Tugboat	25	28	30	83	4	4	5	13	15.66
Other Type	21	21	18	60	1	1	1	3	5.00
<b>Total</b>									

Table : 7

## Comparison of Inspections and Detentions per Flag

Flag	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2002	2003	2004	Total	2002	2003	2004	Total	
Azerbaijan	41	55	57	153	0	8	7	15	9.80
Antigua & Barbuda	68	55	87	210	2	6	5	13	6.19
Algeria	1	2	8	11	0	2	2	4	36.36
Belgium	2	1	10	13	0	0	1	1	7.69
Bahamas	256	254	249	759	3	10	18	31	4.08
Bangladesh	17	15	21	53	10	4	8	22	41.51
Barbados	2	4	1	7	1	0	0	1	14.29
Belize	17	12	18	47	3	6	4	13	27.66
Bermuda	34	31	32	97	0	2	0	2	20.06
Brazil	1	0	3	4	1	0	1	2	50.00
Bolivia	11	9	7	27	2	1	0	3	11.11
Bulgaria	4	2	0	6	2	0	0	2	33.33
Bahrain	4	6	5	15	0	1	2	3	20.00
Comoros	4	15	7	26	0	2	2	4	15.38
China People's Republic Of	97	126	143	366	2	3	3	8	2.19
Croatia	13	8	12	33	0	2	0	2	6.06
Cyprus	292	237	265	794	26	29	20	75	9.45
Colombia	1	0	1	2	0	0	1	1	50.00
Costa Rica	0	1	0	1	0	1	0	1	100.00
Cayman Islands	20	16	23	59	0	1	3	4	6.78
Chile	1	1	0	2	0	0	0	0	0.00
Cambodia	50	26	19	95	7	5	7	19	20.00
D.P.R. of Korea	17	40	61	118	8	23	27	58	49.15
Denmark	33	45	40	118	1	1	3	5	4.24
Dominica	0	1	3	4	0	0	2	2	50.00
Dominican Republic	0	0	2	2	0	0	1	1	50.00
Dubai	0	2	0	2	0	1	0	1	50.00
Egypt	17	18	12	47	3	4	1	8	17.02
Eritrea	1	1	2	4	0	0	0	0	0.00
Ethiopia	7	8	8	23	1	1	1	3	13.04
Fiji	4	3	0	7	1	0	0	1	14.29
France	19	18	14	51	0	0	0	0	0.00
Georgia	11	16	15	42	0	7	4	11	26.19
Germany	23	10	15	48	2	1	1	4	8.33
Ghana	0	5	4	9	0	3	2	5	55.56
Gibraltar	5	6	8	19	0	0	1	1	5.26
Greece	211	156	209	576	11	10	6	27	4.69
Honduras	4	6	1	11	2	2	0	4	36.36
Hong Kong, China	247	225	331	803	6	8	11	25	3.11
India	78	52	74	204	6	5	6	17	8.33

Table :7 (Contd.)

**Comparison of Inspections and Detentions per Flag**

Flag	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2002	2003	2004	Total	2002	2003	2004	Total	
Indonesia	15	15	17	47	4	5	9	18	38.30
Ireland	0	1	4	5	0	1	0	1	20.00
Iran	40	13	26	79	5	4	1	10	12.66
Istanbul	0	1	0	1	0	0	0	1	0.00
Italy	24	32	30	86	0	3	2	5	5.81
Isle of Man	67	44	65	176	1	4	3	8	4.55
Japan	70	55	58	183	1	2	1	4	2.19
Jordan	3	6	8	17	0	2	5	7	41.18
Kuwait	14	11	8	33	1	2	0	3	9.09
Kampuchea Republic	2	0	0	2	0	0	0	0	0.00
Liberia	388	338	346	1072	13	21	19	53	4.94
Luxembourg	1	2	2	5	0	0	0	0	0.00
Lebanon	10	10	5	25	3	0	3	6	24.00
Malaysia	77	64	81	222	5	3	5	13	5.86
Malta	253	215	265	733	17	22	24	63	8.59
Marshall Islands	55	94	111	260	2	6	4	12	4.62
Maldives	2	3	2	7	0	2	1	3	42.86
Mauritius	3	2	0	5	0	0	0	0	00.00
Myanmar	5	10	14	29	1	0	3	4	13.79
Morocco	0	2	2	4	0	0	0	0	00.00
Mongolia	0	4	10	14	0	1	7	8	57.14
Netherlands	58	62	49	169	3	6	3	12	7.10
Netherlands Antilles	10	6	7	23	1	1	1	3	13.04
New Zealand	4	3	6	13	0	0	0	0	0.00
Norway	94	92	100	286	2	6	3	11	3.85
Namibia	1	0	0	1	0	0	0	0	0.00
Panama	1395	1284	1411	4090	59	106	111	276	6.75
Papua New Guinea	14	11	13	38	3	3	4	10	26.32
Philippines	100	82	77	259	3	4	5	12	4.63
Passian	0	1	0	1	0	0	0	0	00.00
Portugal	1	2	2	5	0	1	1	2	40.00
Pakistan	3	7	6	16	0	2	0	2	12.50
Qatar	11	7	8	26	2	0	2	4	15.38
Republic of Korea	63	70	85	218	7	3	1	11	5.05
Russia	334	416	358	1108	2	19	32	53	4.78
Samoa	3	2	1	6	0	1	0	1	16.67
St. Vincent & Grenadines	108	131	134	373	17	33	27	77	20.64
Saudi Arabia	23	23	10	56	1	3	2	6	10.71
Singapore	235	200	260	695	17	15	15	47	6.76
South Africa	0	1	2	3	0	0	0	0	0.00
Sierra Leone	2	2	2	6	2	1	2	5	83.33

Table :7 (Contd.)

### Comparison of Inspections and Detentions per Flag

Flag	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2002	2003	2004	Total	2002	2003	2004	Total	
Sweden	12	17	19	48	1	0	0	1	2.08
Switzerland	20	7	11	38	0	0	0	0	00.00
Slovakia	0	0	2	2	0	0	2	2	100.00
Seychelles	3	2	1	6	1	0	1	2	33.33
Sudan	6	5	1	12	3	2	1	6	50.00
Sri Lanka	11	9	17	37	1	3	3	7	18.92
Sao Tome and Principe	9	8	1	18	5	1	0	6	33.33
Syrian Arab Republic	33	8	4	45	4	0	0	4	8.89
Taiwan	46	35	22	103	3	6	1	10	9.71
Thailand	32	29	72	133	1	2	14	17	12.78
Tanzania	0	0	1	1	0	0	0	0	00.00
Tonga	15	11	4	30	3	1	0	4	13.33
Turkmenistan	11	19	5	35	0	10	4	14	40.00
Turkey	51	38	50	139	5	5	7	17	12.23
Tunisia	0	0	2	2	0	0	0	0	00.00
Tuvalu	2	3	0	5	1	0	0	1	20.00
United Arab Emirates	18	12	20	50	2	3	5	10	20.00
United Kingdom	36	35	54	125	2	1	1	4	3.20
Ukraine	10	3	3	16	1	1	1	3	18.75
United States of America	7	3	1	11	0	0	0	0	00.00
Vanuatu	24	23	32	79	1	3	2	6	7.59
Vietnam	5	11	16	32	0	3	1	4	12.50
Other	0	3	0	3	0	0	0	0	00.00
<b>Total</b>	<b>5452</b>	<b>5093</b>	<b>5690</b>	<b>16235</b>	<b>306</b>	<b>472</b>	<b>489</b>	<b>1267</b>	

Table : 8

**Comparison of Deficiencies by Categories**

Nature of Deficiencies	Number of Deficiencies		
	YEAR		
	2002	2003	2004
Ship's Certificates	520	558	575
Crew	513	364	378
Crew & Accommodation	306	256	347
Food & Catering	136	80	66
Working Spaces	59	78	103
Life Saving Appliances	1991	1736	2024
Fire Fighting Appliances	1855	1936	2206
Accident Prevention	196	172	281
Safety in General	1185	1549	1670
Alarm Signals	36	38	52
Cargo	132	114	160
Load Lines	1122	1336	1507
Mooring Arrangements	136	169	200
Propulsion & Auxiliary Machinery	536	549	627
Navigation	1259	1355	1724
Radio	840	752	725
Marpol Annex I	668	777	806
Tankers	42	54	33
Marpol Annex II	10	28	28
Solas Operational Defects	501	569	599
Marpol Operational Defects	63	82	87
Marpol Annex III	2	1	4
Marpol Annex V	185	155	156
ISM Related Deficiencies	273	440	667
Bulk Carriers Additional Safety Measures	70	36	53
Other Deficiencies	77	0	0
Other Defects Clearly Hazardous to Safe Healthy Environment	3	16	24
P&I Club Entry Certificate No Evidence of Entry	12	0	0
Other Defects Not Clearly Hazardous to Safe Healthy Environment	4	33	40
<b>Total</b>	<b>12732</b>	<b>13233</b>	<b>15142</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				
	2002	2003	2004	Total	2002	2003	2004	Total	
American Bureau of Shipping	520	414	466	1400	243	194	242	679	48.50
Bureau Veritas	198	353	423	974	80	197	255	532	54.62
Biro Klasifikasi Indonesia	192	8	12	212	127	8	12	147	69.34
Belize Register Corporation	1	0	0	1	1	0	0	1	100.00
CONARINA	0	0	1	1	0	0	1	1	100.00
China Classification Society	128	179	210	517	67	89	125	281	54.35
China Corporation Register of Shipping	79	52	29	160	32	30	14	76	47.50
Croatian Register of Shipping	15	15	17	47	7	12	12	31	65.96
Det Norske Veritas	530	522	535	1587	218	239	246	703	44.30
Global Marine Bureau	0	0	1	1	0	0	1	1	100.00
Germanischer Lloyd	453	380	415	1248	170	177	193	540	43.27
Hellenic Register of Shipping	14	20	23	57	9	15	19	43	75.44
Honduras International Naval Surveying & Inspection Bureau	4	5	1	10	4	0	1	5	50.00
Inspection Y Classification Maritima	0	0	1	1	0	0	0	0	00.00
International Register of Shipping	31	25	42	98	10	12	34	56	57.14
Inclamar Incorporate	10	2	0	12	0	0	0	0	00.00
Indian Register of Shipping	58	44	64	166	33	29	36	98	59.03
Isthmus Bureau of Shipping Classification Div	0	2	0	2	0	1	0	1	50.00
Isthmus Bureau of Shipping	0	0	2	2	0	0	2	2	100.00
International Naval Surveys Bureau	42	31	7	80	12	7	3	22	27.50
Korean Register of Shipping	155	156	187	498	87	69	99	255	51.20
Korean Classification Society	0	18	33	51	0	16	25	41	80.39
Lloyd's Register of shipping	848	723	852	2423	398	383	481	1262	52.08
Nippon Kaiji Kyokai	1551	1422	1700	4673	757	687	842	2286	48.92
National Shipping Adjuster	1	0	0	0	0	0	0	0	00.00
Panama Maritime Surveyors Bureau Inc.	3	1	2	6	2	1	2	5	83.33
Panama Register Corporation	1	4	5	10	0	3	2	5	50.00
Panama Maritime Documentation Survey	2	0	0	2	2	0	0	2	100.00
Panama Bureau of Shipping	0	1	1	2	0	0	1	1	50.00
Polski Rejestr Statkow	15	19	22	56	8	13	18	39	69.64
Registro Italiano Navale	92	71	89	252	41	32	51	124	49.21
RINAVE Portuguesa	0	0	1	1	0	0	0	0	00.00
Register of Shipping	0	1	13	14	0	0	7	7	50.00
Russian Maritime Register of Shipping	430	531	470	1431	314	365	317	996	69.60
Russian River Register	0	0	1	1	0	0	0	0	00.00
Shipping Register of Ukraine	0	0	1	1	0	0	1	1	100.00
Turkish Lloyd	7	8	4	19	6	7	4	17	89.47
Vietnam Register of Shipping	2	1	2	5	2	1	1	4	80.00
Not Classed	0	0	7	7	0	0	4	4	57.14
Other	70	85	51	206	37	50	36	123	61.65
<b>Total</b>	<b>5452</b>	<b>5093</b>	<b>5690</b>	<b>16235</b>	<b>2667</b>	<b>2637</b>	<b>3087</b>	<b>8391</b>	



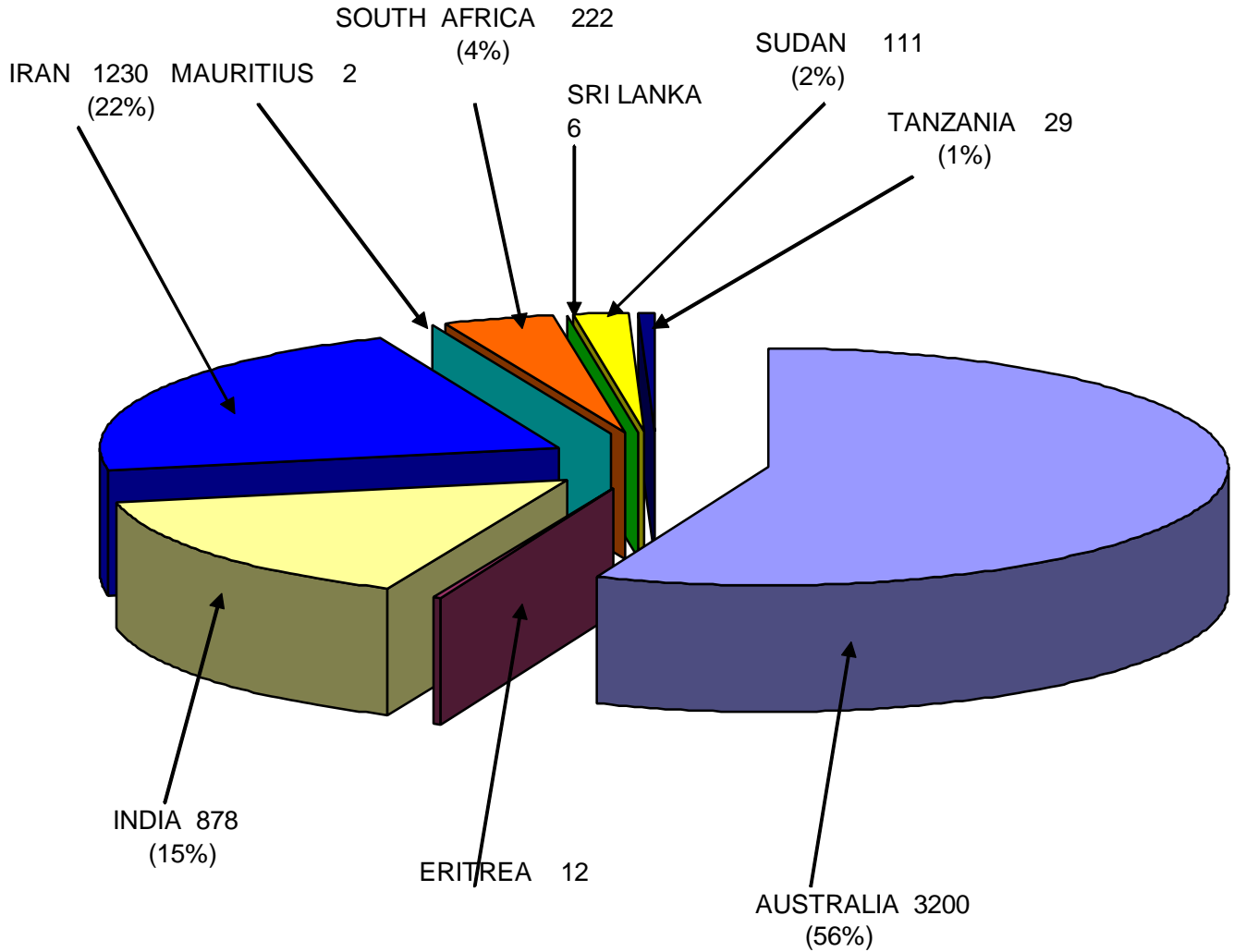
Table : 10

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

Classification Society	Number of Inspections				Number of Detentions				3-year average percentage
	YEAR				YEAR				
	2002	2003	2004	Total	2002	2003	2004	Total	
American Bureau of Shipping	520	414	466	1400	30	27	42	99	7.07
Bureau Veritas	198	353	423	974	16	43	52	111	11.40
Biro Klasifikasi Indonesia	192	8	12	212	17	5	7	29	13.68
Belize Register Corporation	1	0	0	1	1	0	0	1	100.00
CONARINA	0	0	1	1	0	0	1	1	100.00
China Classification Society	128	179	210	517	7	10	6	23	4.45
China Corporation Register of Shipping	79	52	29	160	4	7	2	13	8.13
Croatian Register of Shipping	15	15	17	47	2	2	3	7	14.89
Det Norske Veritas	530	522	535	1587	16	33	23	72	4.54
Global Marine Bureau	0	0	1	1	0	0	0	0	00.00
Germanischer Lloyd	453	380	415	1248	26	34	31	91	7.29
Hellenic Register of Shipping	14	20	23	57	3	12	10	25	43.86
Honduras International Naval Surveying & Inspection Bureau	4	5	1	10	3	0	1	4	40.00
Inspection Y Classification Maritima	0	0	1	1	0	0	0	0	00.00
International Register of Shipping	31	25	42	98	6	8	18	32	32.65
Inclamar Incorporate	10	2	0	12	0	0	0	0	00.00
Indian Register of Shipping	58	44	64	166	2	8	7	17	10.24
Isthmus Bureau of Shipping Classification Div	0	2	0	2	0	1	0	1	50.00
Isthmus Bureau of Shipping	0	0	2	2	0	0	1	1	50.00
International Naval Surveys Bureau	42	31	7	80	8	4	1	13	16.25
Korean Register of Shipping	155	156	187	498	13	7	6	26	5.22
Korean Classification Society	0	18	33	51	0	14	11	25	49.02
Lloyd's Register of shipping	848	723	852	2423	52	75	77	204	8.42
Nippon Kaiji Kyokai	1551	1422	1700	4673	62	77	76	215	4.60
National Shipping Adjuster	1	0	0	0	0	0	0	0	00.00
Panama Maritime Surveyors Bureau Inc.	3	1	2	6	1	1	1	3	50.00
Panama Register Corporation	1	4	5	10	0	2	1	3	30.00
Panama Maritime Documentation Survey	2	0	0	2	0	0	0	0	00.00
Panama Bureau of Shipping	0	1	1	2	0	0	0	0	00.00
Polski Rejestr Statkow	15	19	22	56	2	9	7	18	32.14
Registro Italiano Navale	92	71	89	252	6	9	12	27	10.71
RINAVE Portuguesa	0	0	1	1	0	0	0	0	00.00
Register of Shipping	0	1	13	14	0	0	7	7	50.00
Russian Maritime Register of Shipping	430	531	470	1431	12	50	56	118	8.25
Russian River Register	0	0	1	1	0	0	0	0	00.00
Shipping Register of Ukraine	0	0	1	1	0	0	0	0	00.00
Turkish Lloyd	7	8	4	19	1	2	1	4	21.05
Vietnam Register of Shipping	2	1	2	5	0	0	1	1	20.00
Not Classed	0	0	7	7	0	0	2	2	28.57
Other	70	85	51	206	16	32	26	74	35.92
<b>Total</b>	<b>5452</b>	<b>5093</b>	<b>5690</b>	<b>16235</b>	<b>306</b>	<b>472</b>	<b>489</b>	<b>1267</b>	

Fig. 1

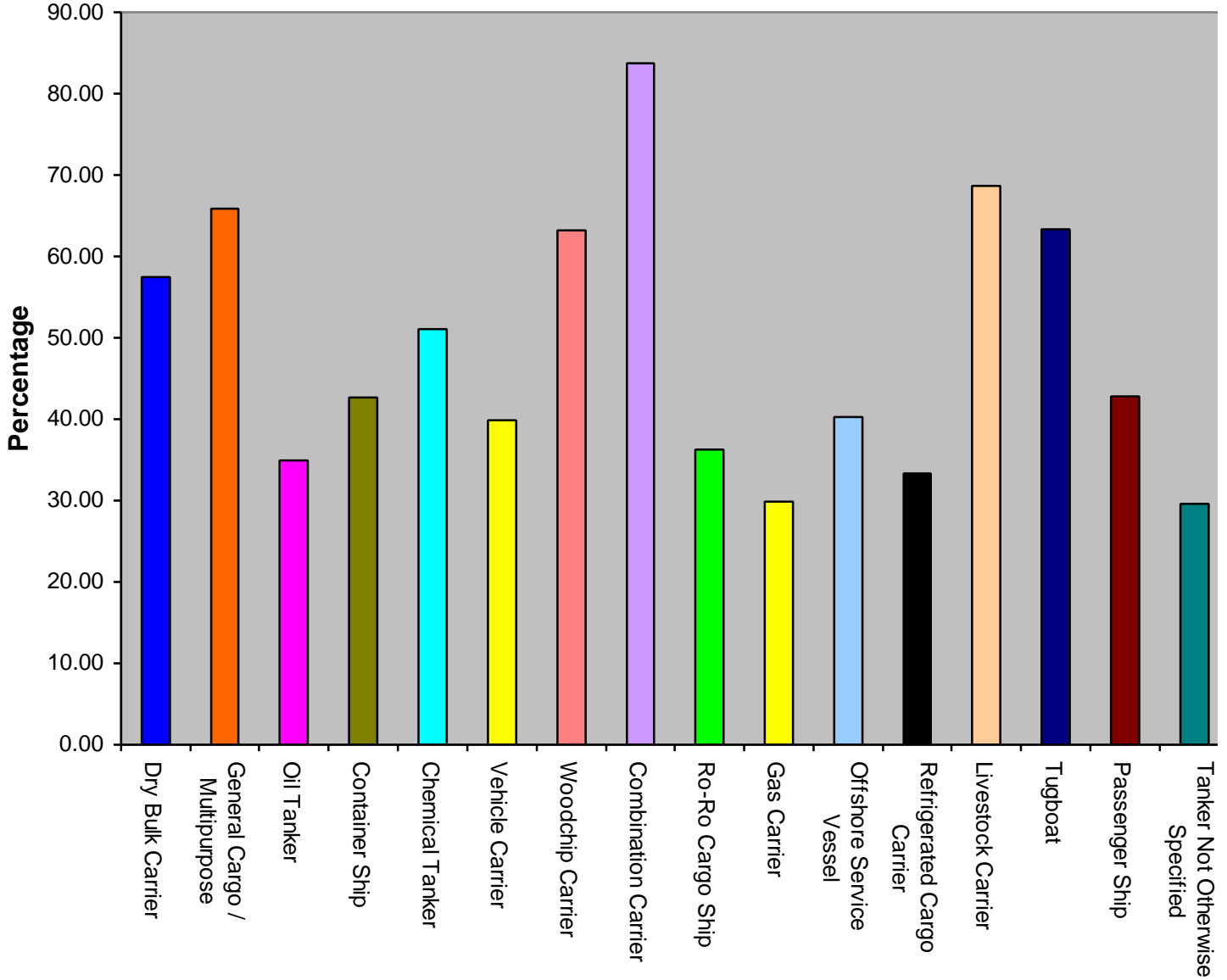
PSI CARRIED OUT BY AUTHORITIES



TOTAL INSPECTIONS : 5690

**Percentage of Ship Type with Deficiencies**

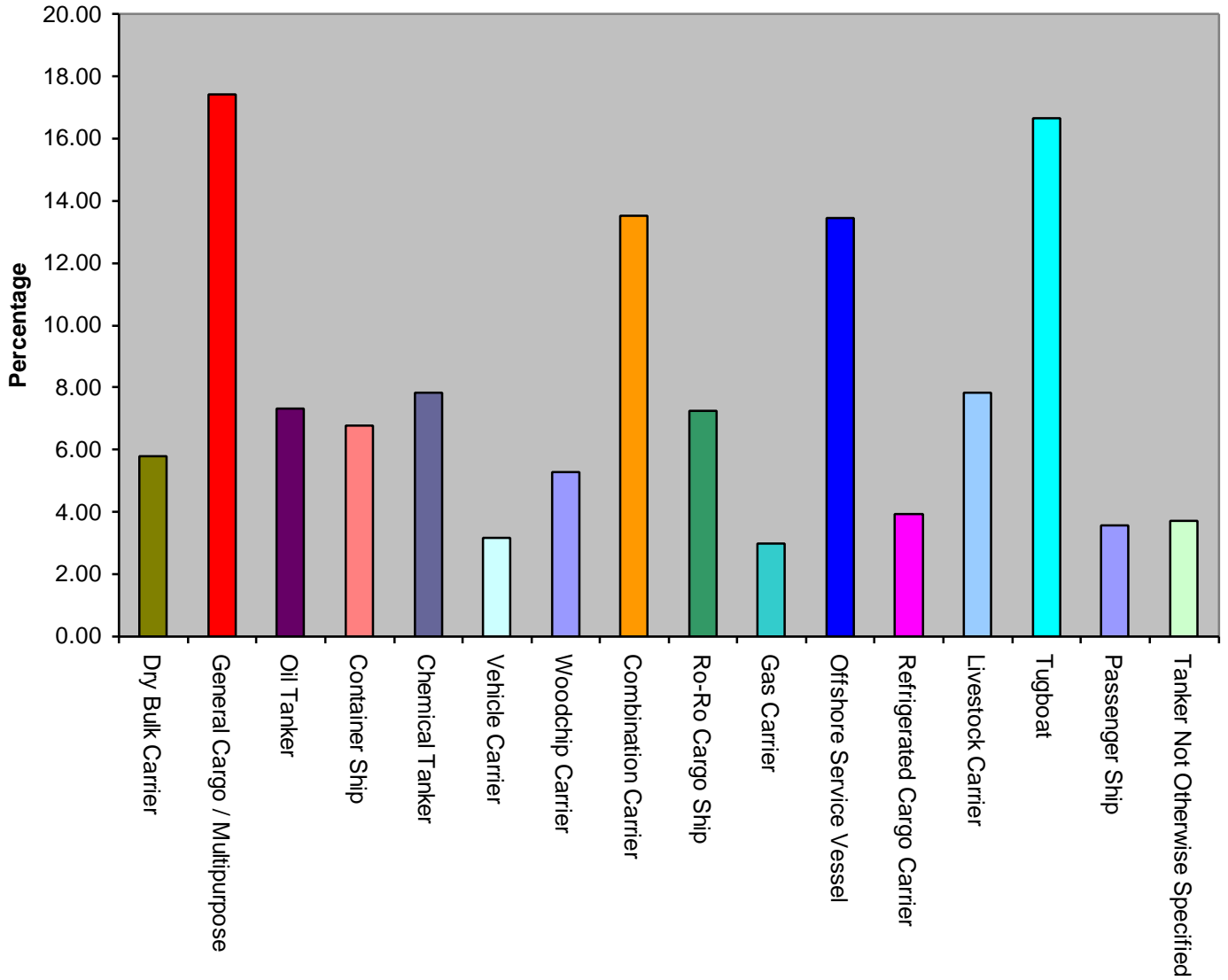
Fig. 2



This graph depicts 20 inspections and above/ Type of Ship

### Percentage of Detention By Type of Ship

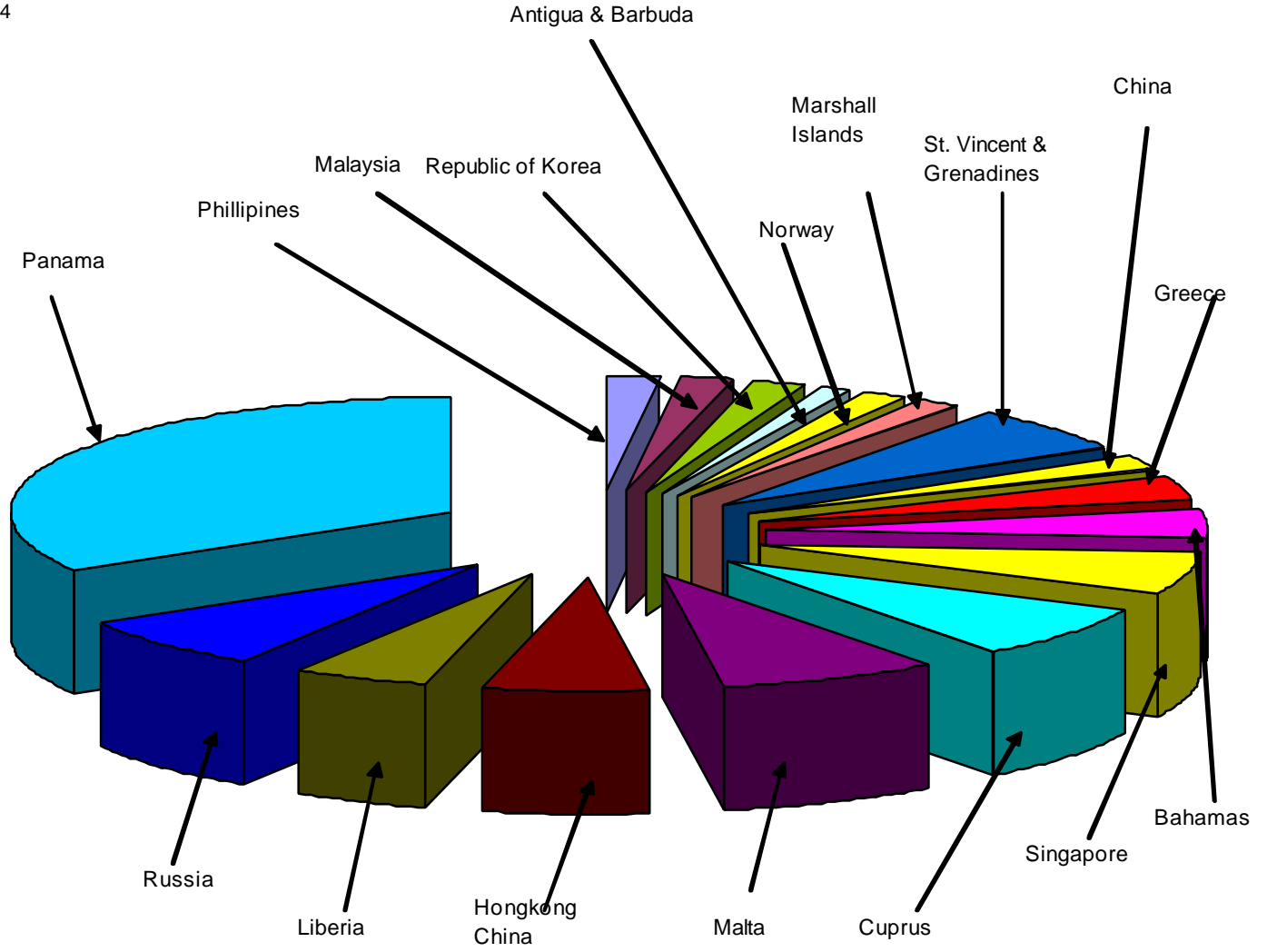
Fig. 3



This graph depicts 20 inspections and above/ type of Ship

## Deficiencies by Flag

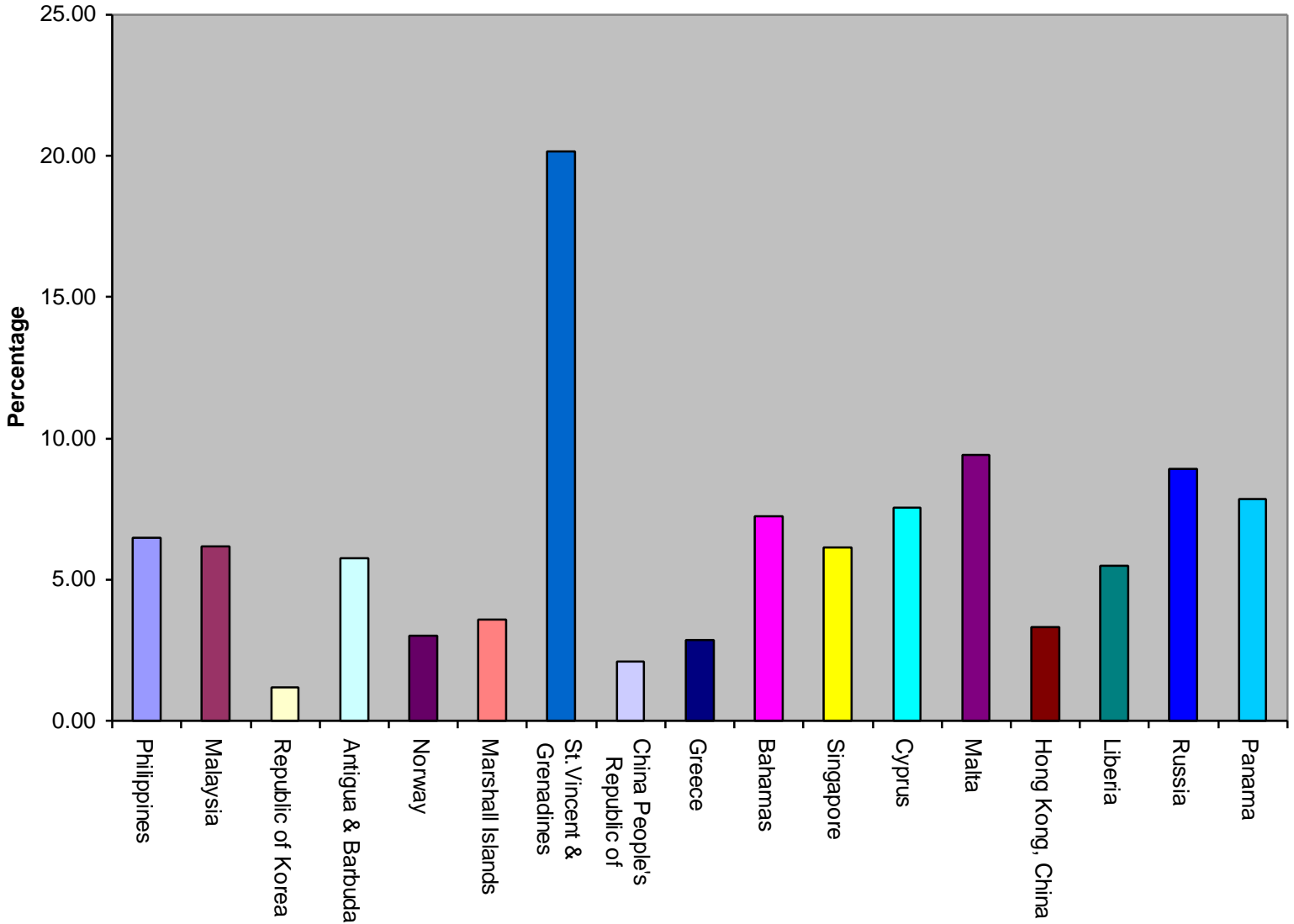
Fig. 4



This graph depicts 75 inspections and above / Flag.

### Percentage of Detentions by Flag

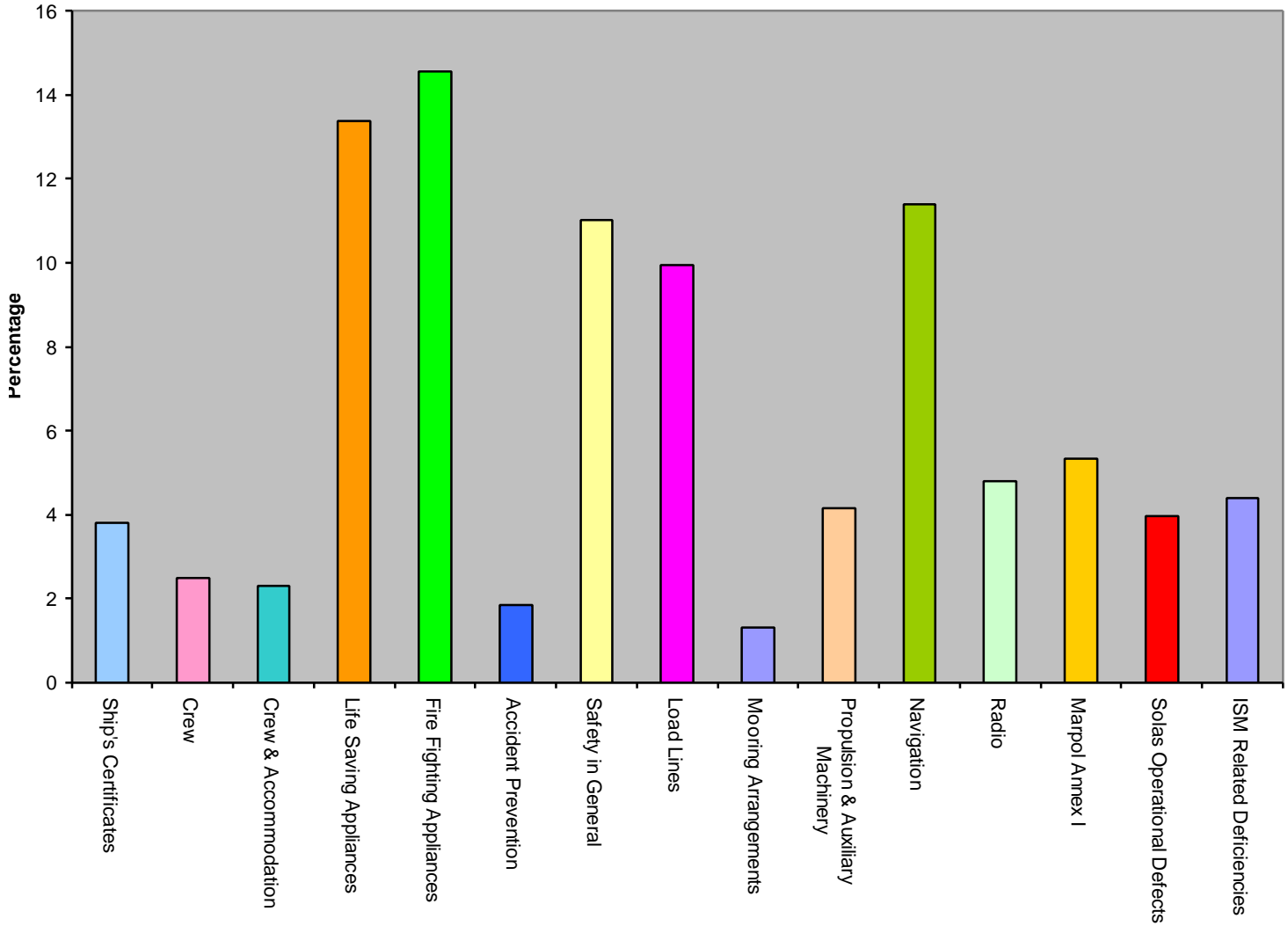
Fig. 5



This graph depicts 75 inspections and above / Flag.

### Deficiency Percentage By Categories

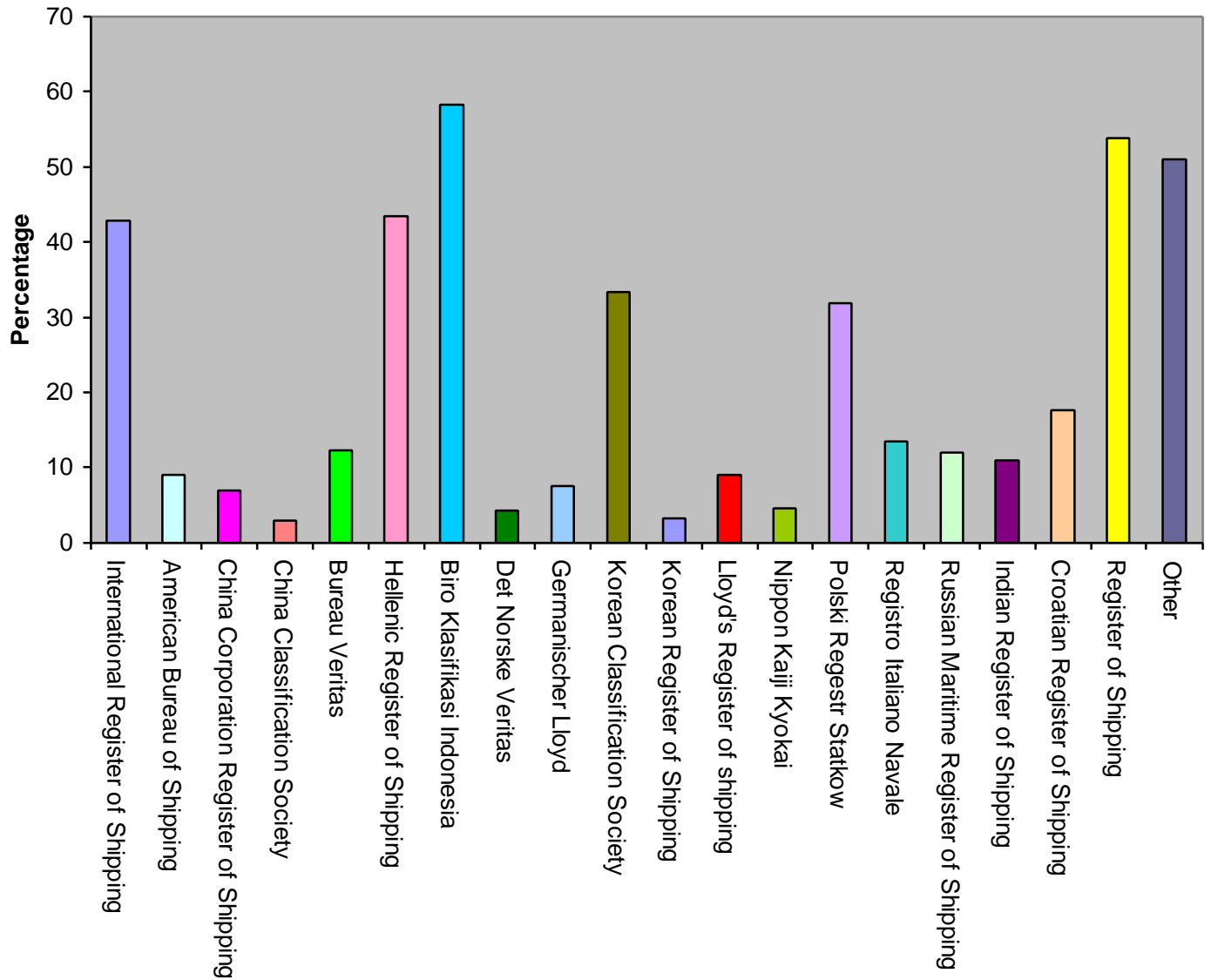
Fig. 6



This graph depicts deficiencies percentage 1.5 and above.

### Detention Percentage By Classification Societies

Fig. 7

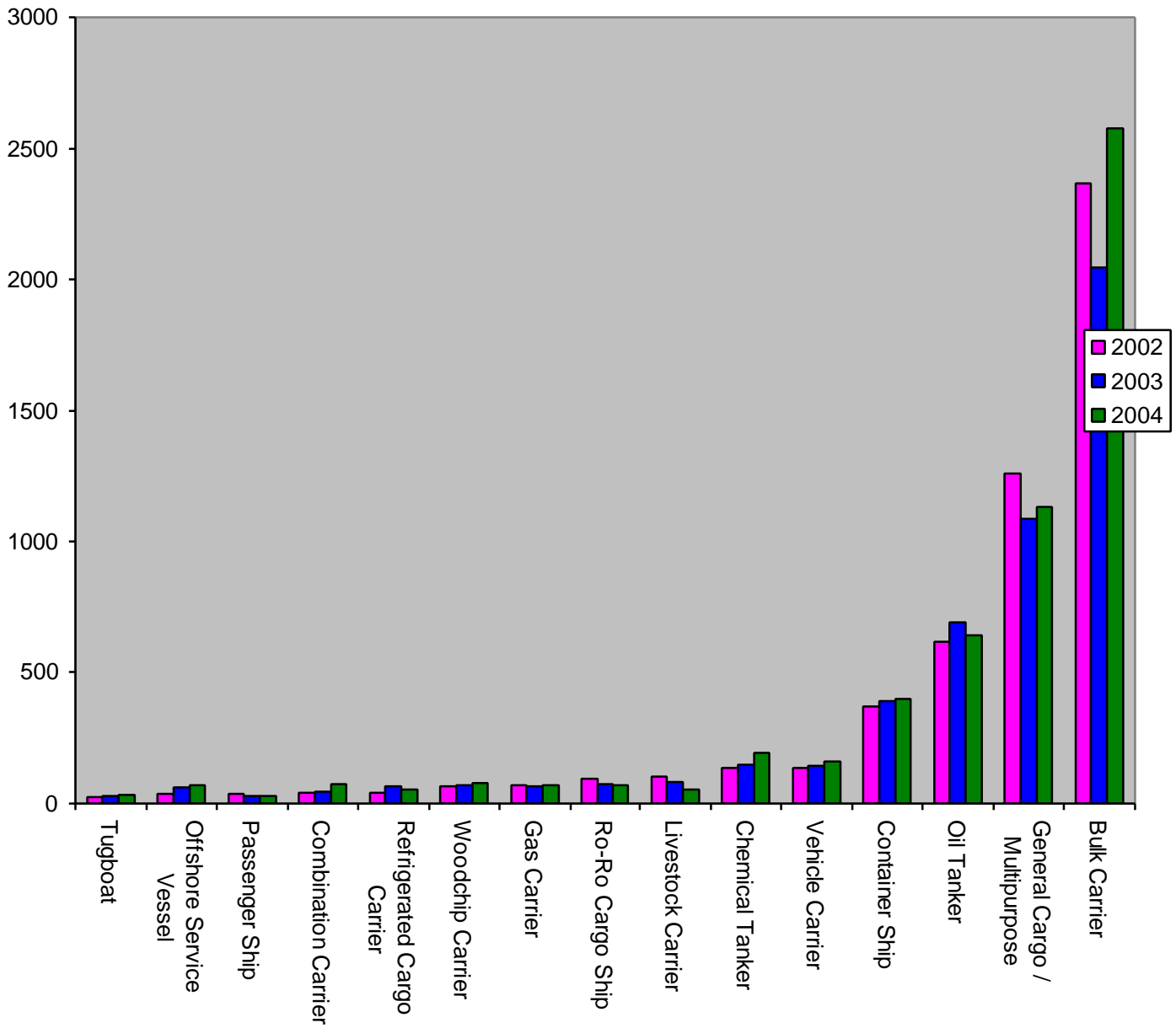


This graph depicts inspections of 10 Ships and above/ Classification Society



### Comparison of Inspections per Ship Type

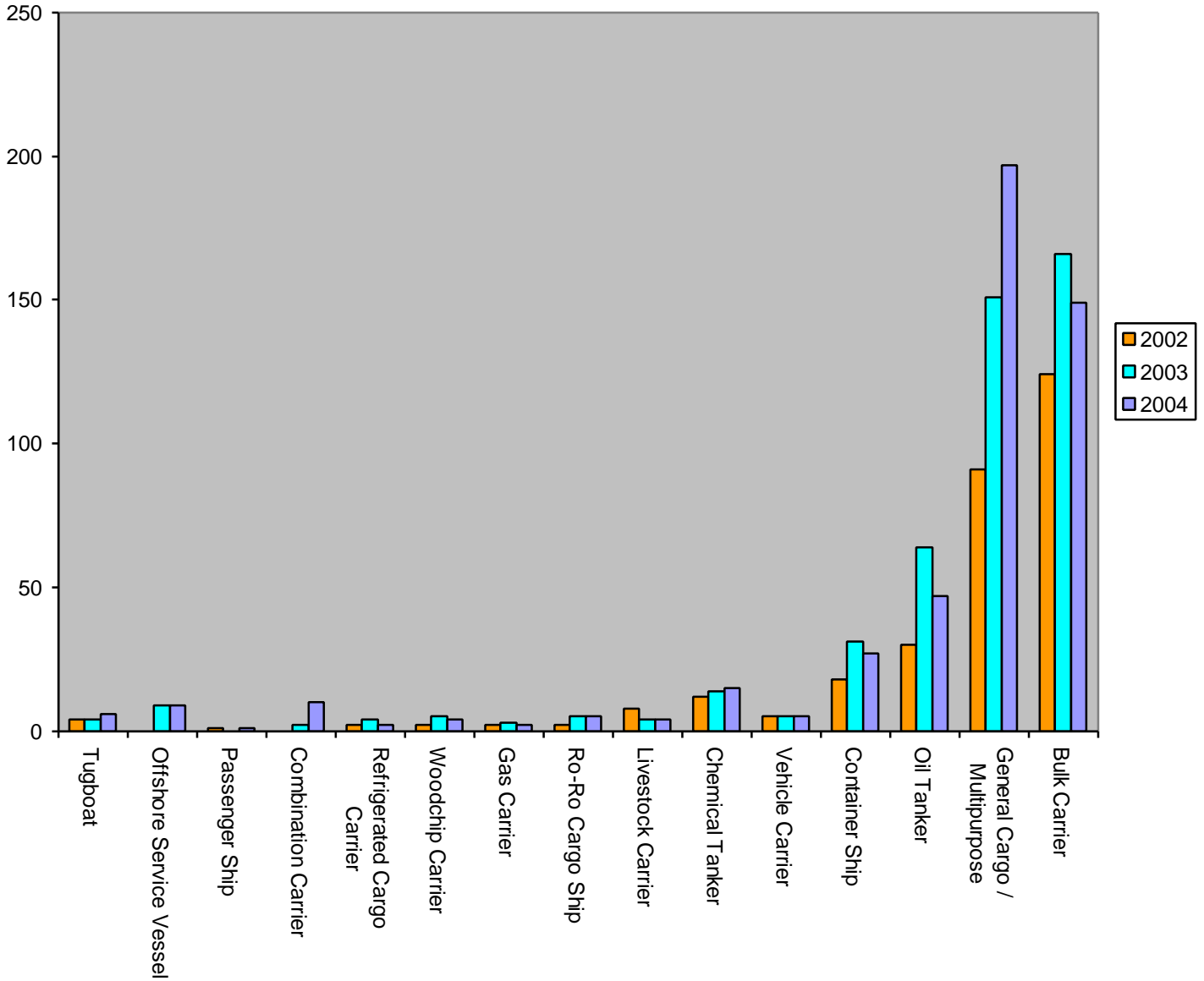
Fig. 8



This graph depicts 30 inspections and above either for 2002, 2003 or 2004 / Type of Ship.

### Comparison of Detentions per Ship Type

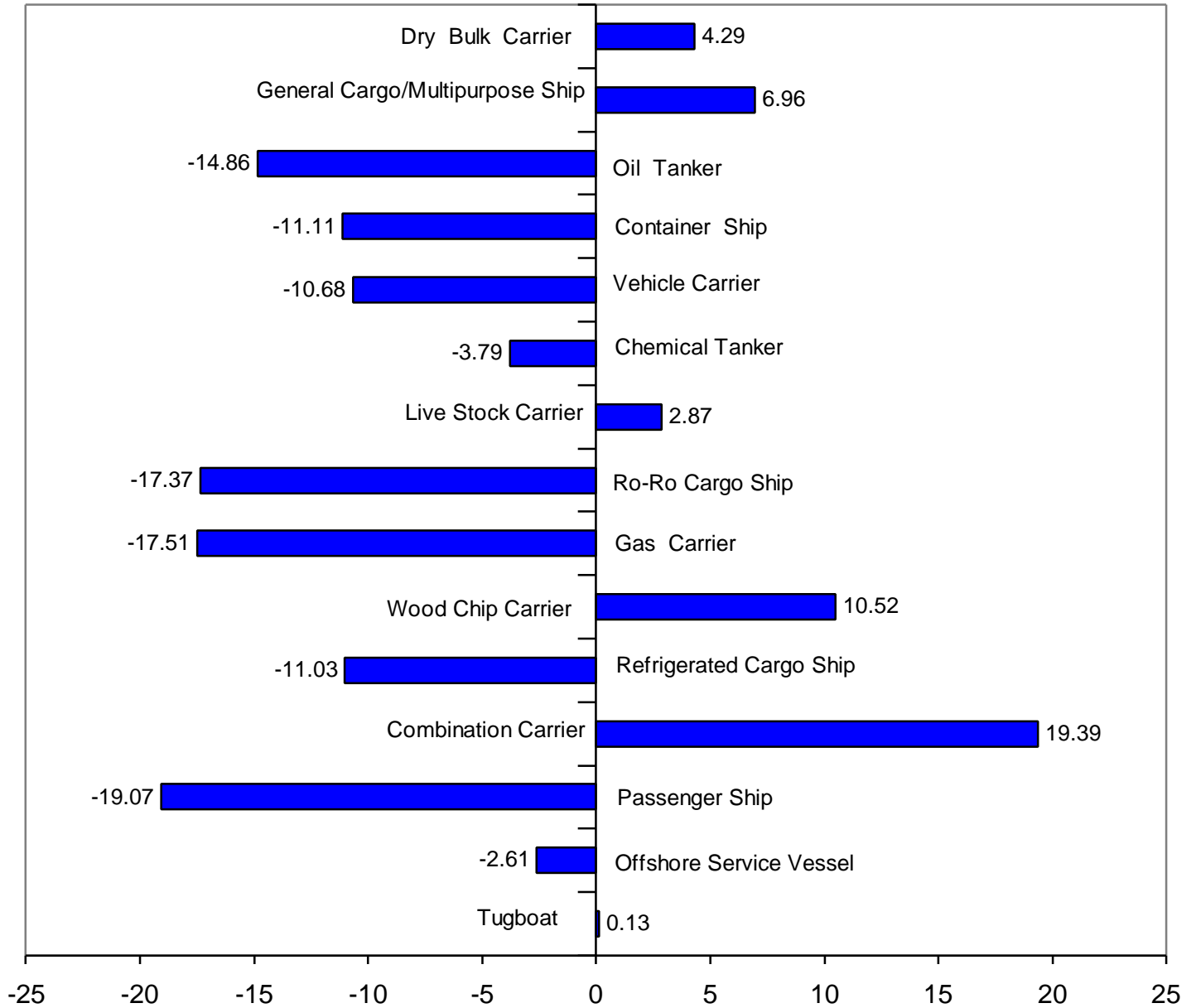
Fig. 9



This graph depicts 30 inspections and above either for 2002, 2003 or 2004 / Type of Ship.

Fig 10

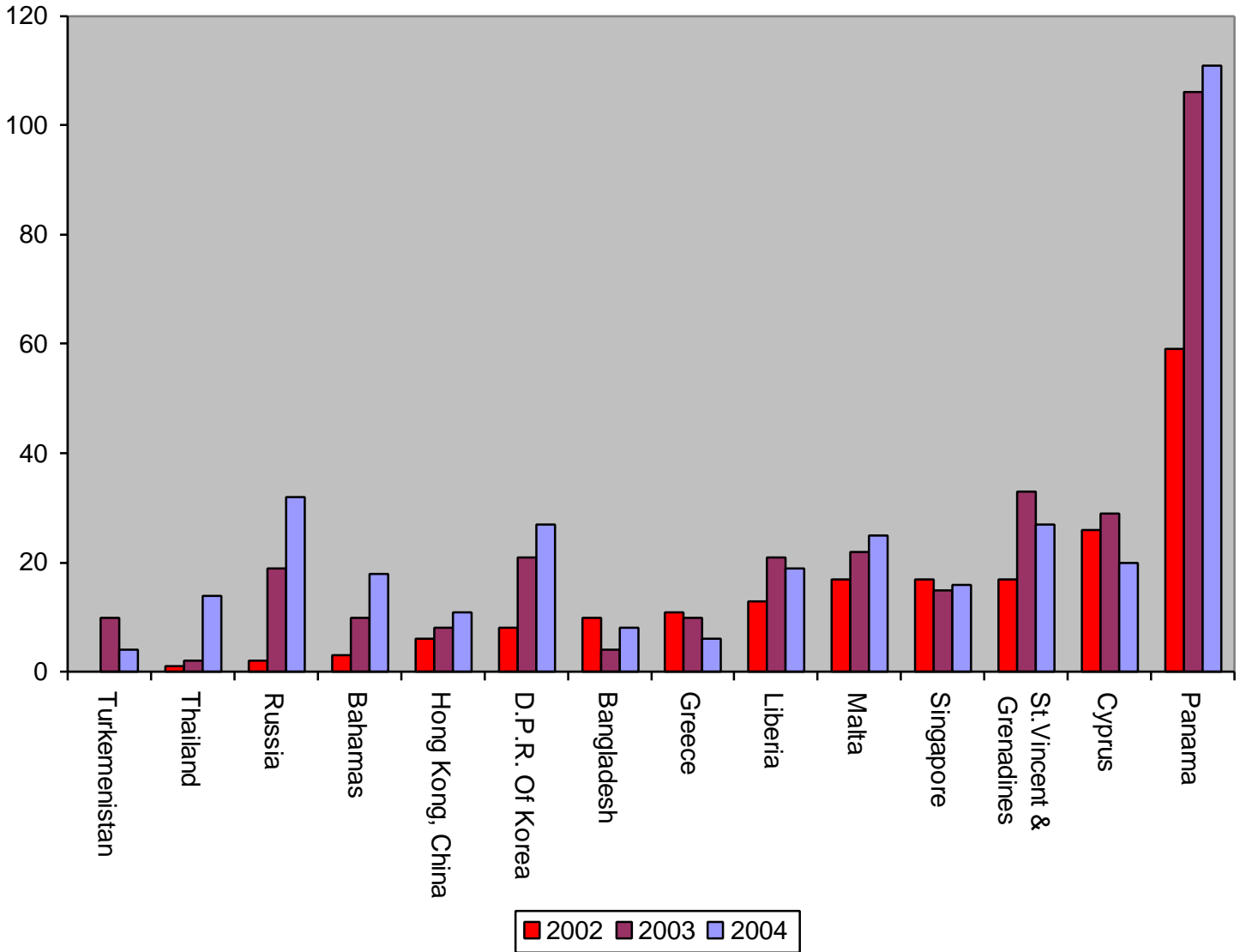
**Summary of 3-year Inspection with deficiencies per ship type**



% over (+) or under (-) average

**Comparison of Detentions per Flag**

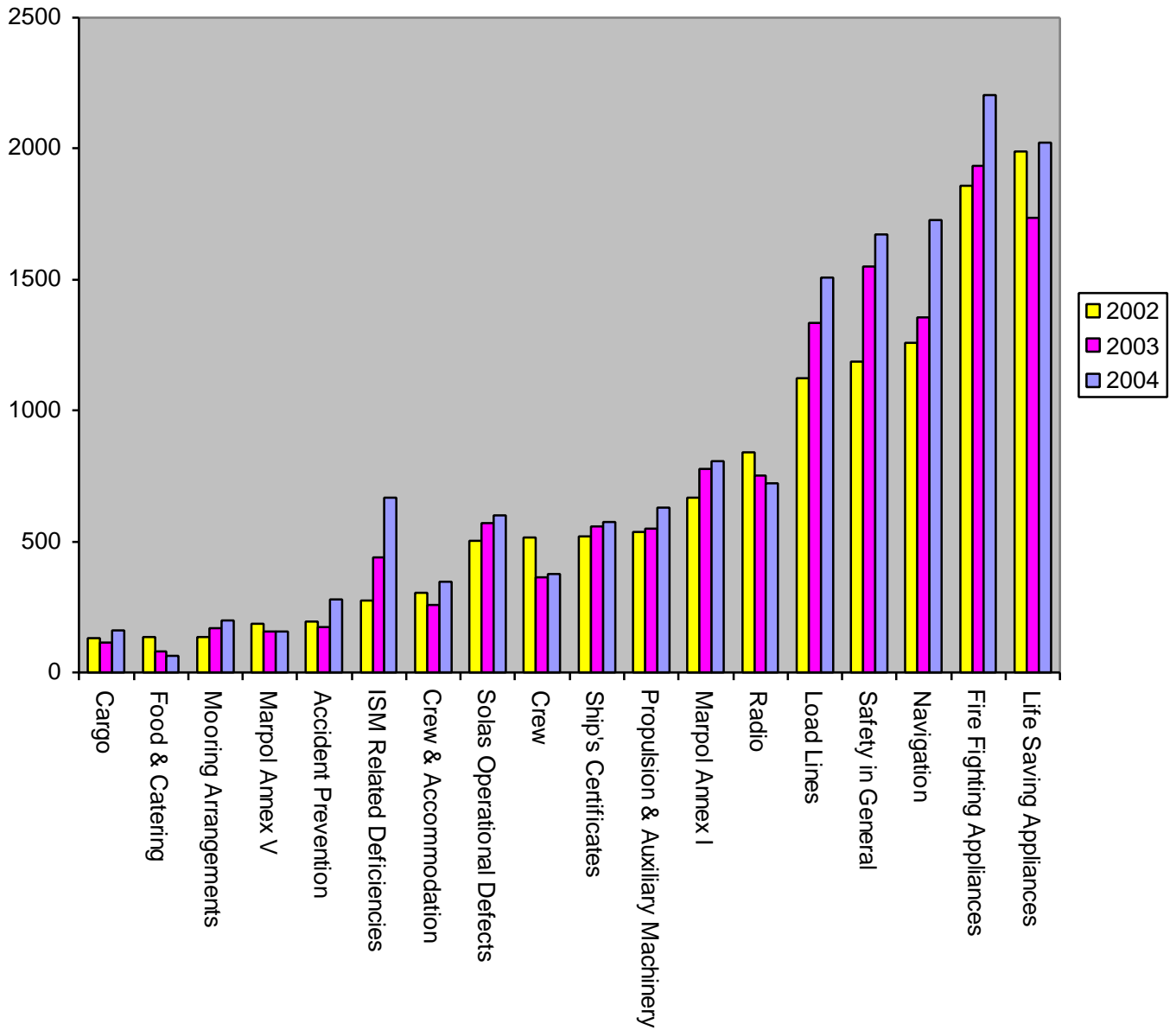
Fig. 11



This graph depicts detentions of 10 and above either for 2002, 2003 or 2004

### Comparison of Deficiencies by Categories

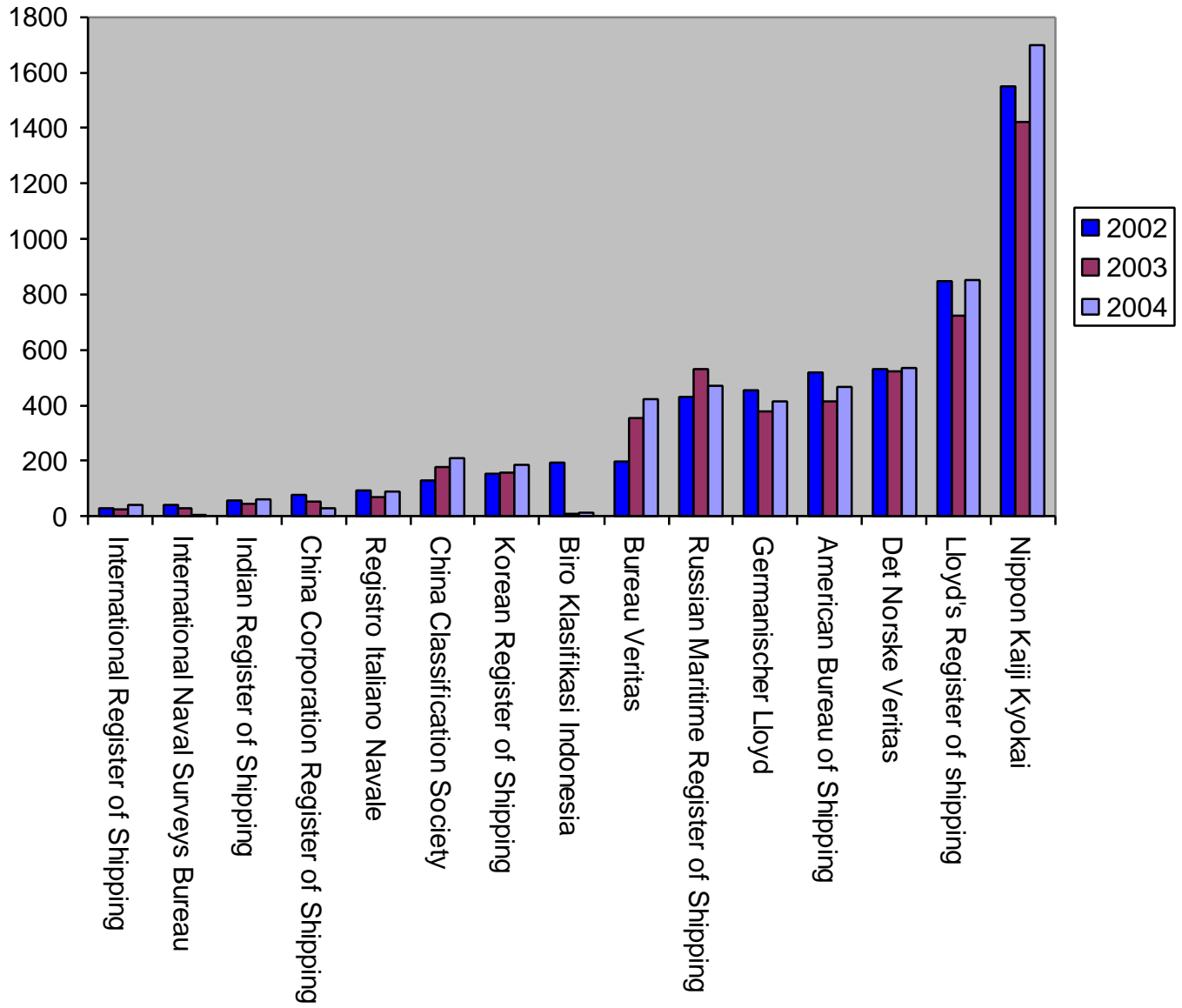
Fig. 12



This graph depicts deficiencies of 100 and above either for 2002, 2003 or 2004

**Comparison of Inspections per Classification Societies**

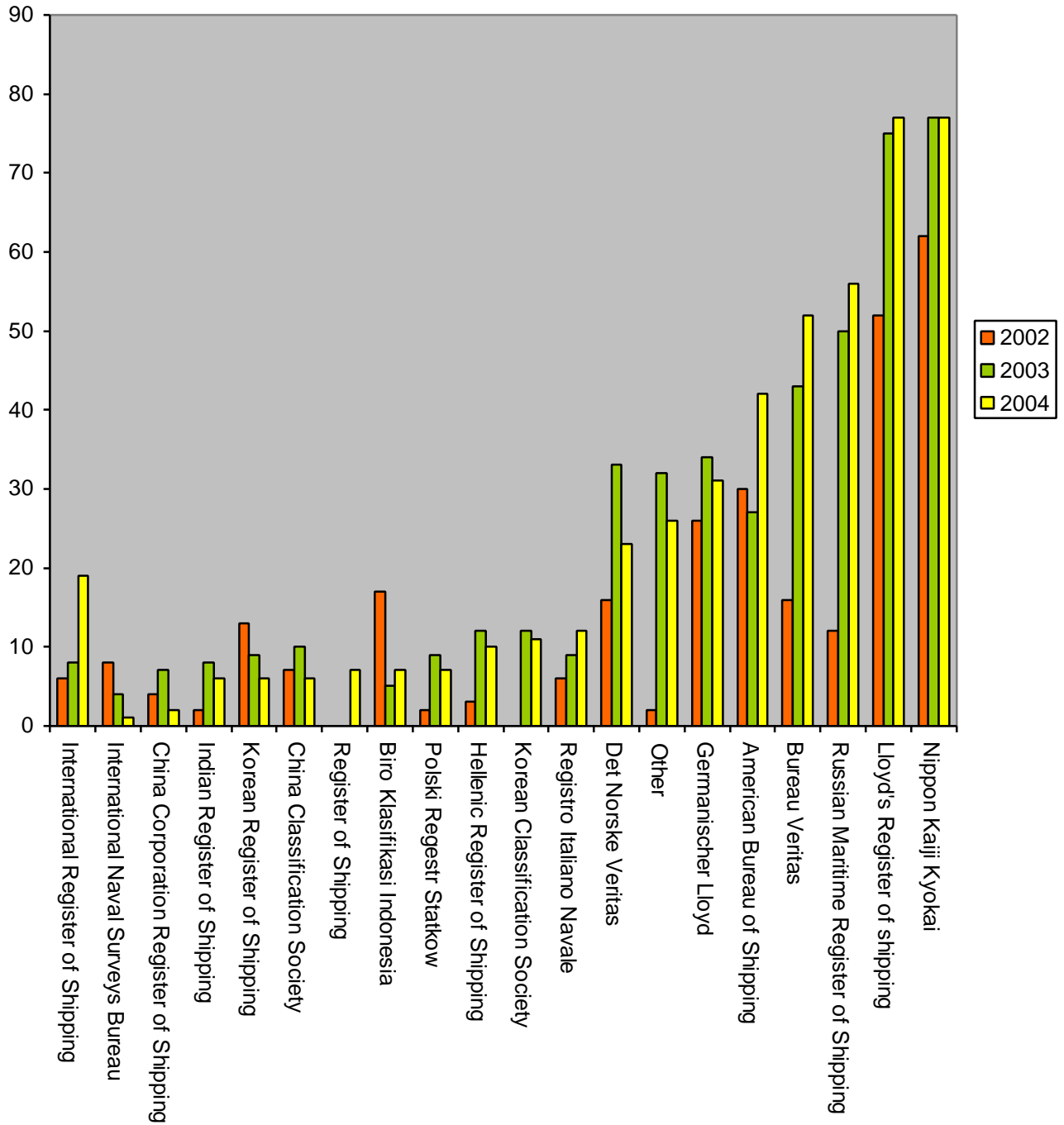
Fig. 13



This graph depicts inspections of 40 ships and above either for 2002, 2003 or 2004

### Comparison of Detentions per Classification Societies

Fig. 14



This graph depicts detentions of 5 and above either for 2002, 2003 or 2004



## MINISTRY OF SHIPPING, RODRIGUES AND OUTER ISLANDS

The Minister of Shipping, Rodrigues and Outer Islands has as portfolio, *inter alia*, the Shipping and Maritime sector. He is the political head of the Ministry of Shipping, Rodrigues and Outer Islands. The administrative head is the Permanent Secretary. The vision of the Ministry is to be a reliable and reputable international ship registry having at heart safety of life and property, the enhancement of maritime security and preservation of the marine environment. In fact the mission is to foster a safe, secure and environmentally sound maritime transportation system based on internationally agreed standards.

The Shipping division of the Ministry of Shipping, Rodrigues and Outer Islands is the authority responsible for maritime safety in developing and implementing both national and international maritime safety, environmental protection standards, enforcing operational standards for ships to promote their seaworthiness, safety, security and pollution prevention.

The division's main responsibilities are: registration of ships, survey of ships, port state control inspection, investigation of casualties, enforcement of training standards and competency of seafarers; resolving labour disputes on board Mauritian vessels; it is also in charge of the National Search and rescue coordination.

The Maritime Administration is headed by the Director of Shipping. The Shipping Division consists of the following departments:

- Maritime Safety
- Crew and Legal matters
- Shipping Development

### Maritime Safety

Marine Engineering and Nautical Surveyors conduct surveys and inspections of ships on a regular basis to monitor their compliance with safety and environment protection standards. During the year 2004 the Shipping Division carried out a total of five hundred and ten surveys and inspections on both fishing vessels and convention size ships and two port state control inspections.

Mauritius has also implemented new procedures to give full and complete effect to the provisions of the Standards of Training, Certification and Watch keeping for Seafarers Convention (STCW 78/95). We also ensure that existing qualifications standards are maintained as per the convention so as to remain on the IMO white list.



Surveyors on site conducting surveys/inspections



### **Crew and Legal matters**

This office is responsible for the safe manning of ships, supervision of engagement and discharge of seamen, issue of port clearance to vessel leaving the port, hearing and settling disputes relating to wages of discharged seamen and looks into the general welfare of Sea farers.

### **Shipping Development**

The Secretary for shipping development advises on policy for shipping development, and on commercial international conventions relating to maritime matters, establishes shipping incentives and dues and charges for registration of vessels and promotes the development of marine ancillary industries.



Officers of this Ministry attending Maritime Security training courses