

The world merchant fleet
in 2005

Statistics from Equasis

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Chapter 1

1. Themes and Tables

INTRODUCTION

This report provides a picture of the world's merchant fleet derived from data contained in the EQUASIS database. It looks at the make up of the fleet and its performance. The statistics are grouped into themes which could be of interest to the industry and regulators.

The themes are as follows:

1. The Fleet Population
2. Classification Societies
3. P&I Clubs
4. Port State Control
5. Vetting Programmes and Trade Associations

1.1. OVERVIEW

EQUASIS is populated with most of the world's merchant ships. Basic particulars are derived from Lloyds Register Fairplay's commercial database (LRF). From a commercial and regulatory point of view size and type are two key criteria and therefore throughout this report the statistical analysis is based on these two elements.

1.2. SIZE

By size ships are grouped into three categories:

1. **Small ships**
less than 500GT
2. **Medium ships**
between 500GT and 25.000 GT
3. **Large ships**
between 25.000GT and 60.000 GT
4. **Very Large ships**
over 60.000GT

The small ships category reflects the tonnage threshold for cargo ships to comply with the SOLAS convention. This category includes many ships which do not trade internationally.

Regulatory and commercial tonnage thresholds are not common to all ship types. Instead categories 2, 3 and 4 have been chosen so as to divide the fleet into three approximately equal parts in terms of tonnage and reflects the larger worldwide trading ships.

1.3. TYPE

EQUASIS uses over 100 descriptions of ship type. For this report these types have been aggregated into 13 main types as follows:

- General Cargo Ships
- Specialized Cargo Ships
- Container Ships
- Ro-Ro Cargo Ships
- Bulk Carriers
- Oil And Chemical Tankers
- Gas Tankers
- Other Tankers
- Passenger Ships
- Offshore Vessels
- Service Ships
- Tugs
- Leisure Vessels

A table showing this aggregation is at Annex I.

Chapter 2

2. The World Fleet Population

INTRODUCTION

The tables in this chapter give a picture of the fleet of ships in EQUASIS in terms of type, size, age and the flag under which the ship is registered. Flags are grouped in two categories, black and non-black. The so-called black flags are those whose safety performance as measured by the detention rate of their ships leads to them being targeted for inspection by port state control authorities. The Paris MoU, Tokyo MoU and USCG each publish annually a list of targeted flags. The black flag group used in the tables in chapter 2.3 includes those flags which appear on at least one of the annual lists for 2004. A list of these flags is at Annex II.

number compared with an overall average of 13% and 87% by tonnage compared with an overall average of 71%). At the other end of the age scale large and very large ships account for just 3% by number and 34% by tonnage of the EQUASIS fleet over 25 years old.

Graph 11 shows that nearly three-quarters of the fleet is not registered with a black listed flag. As tables 13-20 show this proportion is more or less the same for each size category. For general cargo ships their share of the fleet under black flags is noticeably greater (36.9%) than their share of the non-black flag fleet. Conversely passenger ships are 5.3% of the black flag fleet but 11% of the non-black flag fleet.

RESULTS

Table 1 shows that by number the EQUASIS fleet is dominated (87%) by small and medium sized ships up to 25.000 gt. Many of the small ships are not subject to international conventions on safety and pollution prevention because of their size or because they do not trade internationally. Tugs and general cargo ships dominate the small ship category (60.5%) with general cargo ships and oil/chemical tankers accounting for over half of medium sized ships. In terms of tonnage the large and very large categories represent 71% of the whole fleet, with oil and chemical tankers and bulk carriers dominating both categories at 61.8% and 69,5% respectively.

Tables 3 and 4 reveal that by number and by tonnage the fleet up to 4 years old has a higher proportion of large and very large ships than the overall average (35% by

2.1. WHOLE FLEET

Table 1 - World fleet : total number of ships, by type and size – 2005

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 891	20,7%	10 798	36,3%	180	3,2%			15 869	25,9%
Specialized Cargo Ships	30	0,1%	144	0,5%	18	0,3%			192	0,3%
Container Ships			1 654	5,6%	1 019	17,9%	323	15,0%	2 996	4,9%
Ro-Ro Cargo Ships	33	0,1%	864	2,9%	456	8,0%	31	1,4%	1 384	2,3%
Bulk Carriers	434	1,8%	2 976	10,0%	2 273	39,9%	638	29,6%	6 321	10,3%
Oil and Chemical Tankers	2 013	8,5%	4 966	16,7%	1 317	23,1%	834	38,7%	9 130	14,9%
Gas Tankers	49	0,2%	723	2,4%	152	2,7%	156	7,2%	1 080	1,8%
Other Tankers	151	0,6%	196	0,7%	3	0,1%			350	0,6%
Passenger Ships	3 090	13,1%	2 386	8,0%	210	3,7%	85	3,9%	5 771	9,4%
Offshore Vessels	1 258	5,3%	2 310	7,8%	41	0,7%	83	3,8%	3 692	6,0%
Service Ships	1 784	7,5%	1 901	6,4%	31	0,5%	7	0,3%	3 723	6,1%
Tugs	9 417	39,8%	644	2,2%					10 061	16,4%
Leisure Vessels	510	2,2%	148	0,5%					658	1,1%
Total	23 660	100%	29 710	100%	5 700	100%	2 157	100%	61 227	100%

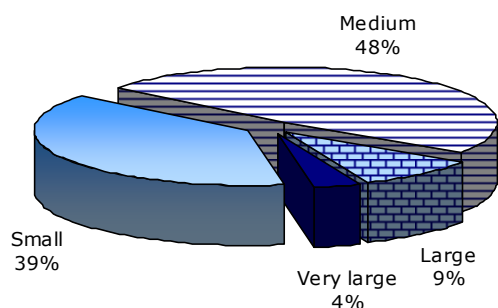
Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 2 - World fleet: gross tonnage (in 1000 t), by type and size - 2005

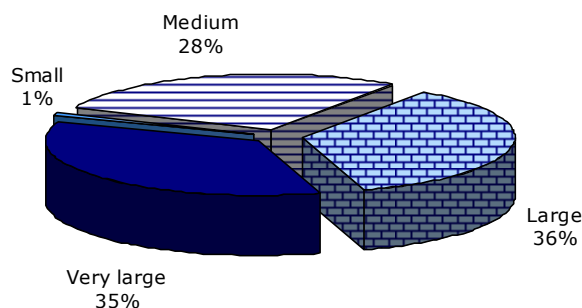
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 552	24,8%	44 260	26,3%	5 270	2,5%			51 081	8,5%
Specialized Cargo Ships	11	0,2%	803	0,5%	584	0,3%			1 398	0,2%
Container Ships			19 583	11,6%	39 504	18,4%	23 755	11,2%	82 843	13,8%
Ro-Ro Cargo Ships	13	0,2%	7 751	4,6%	20 055	9,4%	1 985	0,9%	29 804	5,0%
Bulk Carriers	165	2,6%	42 363	25,2%	78 874	36,8%	55 353	26,1%	176 756	29,4%
Oil and Chemical Tankers	650	10,4%	27 230	16,2%	53 156	24,8%	98 880	46,7%	179 916	30,0%
Gas Tankers	18	0,3%	3 410	2,0%	6 407	3,0%	15 365	7,3%	25 199	4,2%
Other Tankers	41	0,7%	648	0,4%	96	0,0%			785	0,1%
Passenger Ships	771	12,3%	10 874	6,5%	7 409	3,5%	7 411	3,5%	26 465	4,4%
Offshore Vessels	357	5,7%	4 251	2,5%	1 821	0,8%	8 668	4,1%	15 097	2,5%
Service Ships	463	7,4%	6 127	3,6%	1 144	0,5%	496	0,2%	8 229	1,4%
Tugs	2 109	33,7%	643	0,4%					2 752	0,5%
Leisure Vessels	101	1,6%	187	0,1%					288	0,0%
Total	6 251	100%	168 131	100%	214 319	100%	211 913	100%	600 614	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000GT - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Graph 1 - World fleet : total number of ships, by size – 2005



Graph 2 - World fleet: gross tonnage (in 1000 t), by size - 2005



2.2. SHIPS BY AGE

0-4 YEARS OLD SHIPS

Table 3 - Total number of 0-4 years old ships, by type and size - 2005

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	134	7,5%	645	22,6%	19	1,1%			798	11,1%
Specialized Cargo Ships			5	0,2%	1	0,1%			6	0,1%
Container Ships			270	9,5%	329	19,2%	209	25,6%	808	11,3%
Ro-Ro Cargo Ships	1	0,1%	63	2,2%	78	4,6%	20	2,5%	162	2,3%
Bulk Carriers	1	0,1%	257	9,0%	687	40,1%	151	18,5%	1 096	15,3%
Oil and Chemical Tankers	62	3,5%	599	21,0%	493	28,8%	319	39,1%	1 473	20,6%
Gas Tankers	2	0,1%	63	2,2%	32	1,9%	57	7,0%	154	2,1%
Other Tankers			9	0,3%	2	0,1%			11	0,2%
Passenger Ships	236	13,3%	228	8,0%	68	4,0%	39	4,8%	571	8,0%
Offshore Vessels	77	4,3%	430	15,1%	4	0,2%	13	1,6%	524	7,3%
Service Ships	105	5,9%	152	5,3%			7	0,9%	264	3,7%
Tugs	1 044	58,7%	73	2,6%					1 117	15,6%
Leisure Vessels	116	6,5%	63	2,2%					179	2,5%
Total	1 778	100%	2 857	100%	1 713	100%	815	100%	7 163	100%

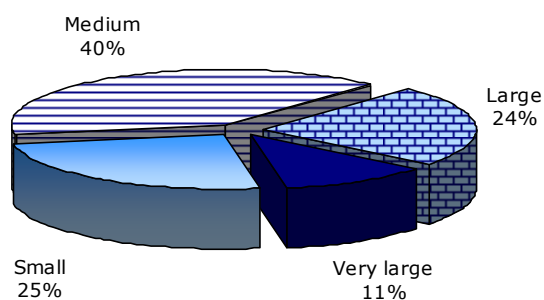
Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 4 - Gross tonnage (in 1000 t) of 0-4 years old ships, by type and size - 2005

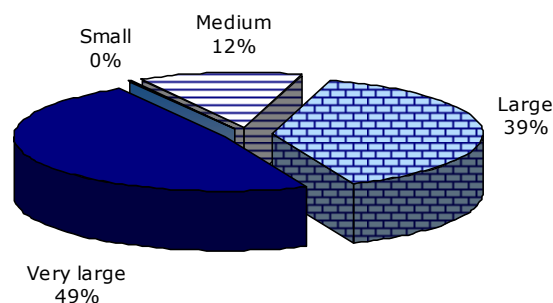
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	54	10,7%	3 543	17,3%	613	1,0%			4 211	2,6%
Specialized Cargo Ships			71	0,3%	30	0,0%			101	0,1%
Container Ships			3 248	15,9%	12 429	19,4%	15 718	20,0%	31 394	19,2%
Ro-Ro Cargo Ships	0	0,1%	832	4,1%	3 731	5,8%	1 242	1,6%	5 805	3,5%
Bulk Carriers	0	0,1%	4 103	20,1%	24 115	37,6%	13 618	17,3%	41 837	25,6%
Oil and Chemical Tankers	24	4,7%	5 063	24,8%	19 179	29,9%	36 556	46,5%	60 822	37,2%
Gas Tankers	1	0,2%	408	2,0%	1 353	2,1%	5 707	7,3%	7 470	4,6%
Other Tankers			38	0,2%	66	0,1%			104	0,1%
Passenger Ships	66	12,9%	1 074	5,3%	2 445	3,8%	3 775	4,8%	7 359	4,5%
Offshore Vessels	31	6,2%	1 052	5,1%	162	0,3%	1 528	1,9%	2 772	1,7%
Service Ships	25	5,0%	824	4,0%			496	0,6%	1 345	0,8%
Tugs	271	53,2%	75	0,4%					346	0,2%
Leisure Vessels	37	7,2%	91	0,4%					127	0,1%
Total	510	100%	20 421	100%	64 124	100%	78 639	100%	163 694	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Graph 3 - World fleet : total number of 0-4 years old ships, by size - 2005



Graph 4 - World fleet : gross tonnage (in 1000 t) of 0-4 years old ships by size - 2005



5-14 YEARS OLD SHIPS

Table 5 - Total number of 5-14 years old ships, by type and size - 2005

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 070	20,3%	1 998	30,7%	72	3,6%			3 140	21,4%
Specialized Cargo Ships	1	0,0%	18	0,3%					19	0,1%
Container Ships			860	13,2%	386	19,1%	109	12,2%	1 355	9,2%
Ro-Ro Cargo Ships	8	0,2%	220	3,4%	126	6,2%	8	0,9%	362	2,5%
Bulk Carriers	120	2,3%	572	8,8%	858	42,4%	279	31,3%	1 829	12,4%
Oil and Chemical Tankers	532	10,1%	1 171	18,0%	450	22,2%	382	42,9%	2 535	17,2%
Gas Tankers	5	0,1%	265	4,1%	42	2,1%	51	5,7%	363	2,5%
Other Tankers	23	0,4%	41	0,6%					64	0,4%
Passenger Ships	800	15,1%	584	9,0%	62	3,1%	42	4,7%	1 488	10,1%
Offshore Vessels	90	1,7%	337	5,2%	18	0,9%	20	2,2%	465	3,2%
Service Ships	269	5,1%	303	4,7%	9	0,4%			581	4,0%
Tugs	2 257	42,7%	98	1,5%					2 355	16,0%
Leisure Vessels	108	2,0%	39	0,6%					147	1,0%
Total	5 283	100%	6 506	100%	2 023	100%	891	100%	14 703	100%

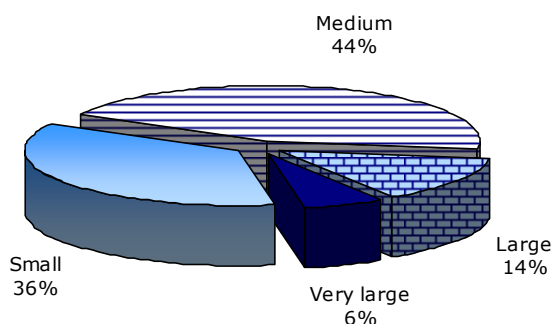
Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 6 - Gross tonnage (in 1000 t) of 5-14 years old ships, by type and size - 2005

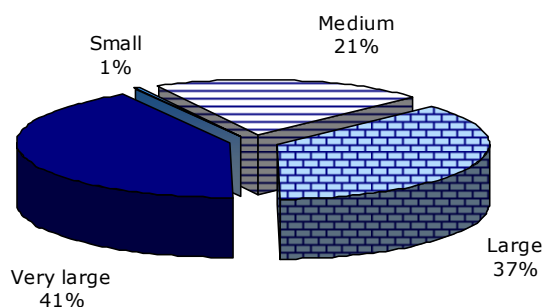
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	369	25,4%	9 714	22,0%	2 184	2,8%			12 266	5,8%
Specialized Cargo Ships	0	0,0%	107	0,2%					108	0,1%
Container Ships			10 414	23,6%	15 468	20,0%	7 728	8,7%	33 611	15,9%
Ro-Ro Cargo Ships	4	0,2%	2 260	5,1%	6 108	7,9%	543	0,6%	8 915	4,2%
Bulk Carriers	50	3,4%	7 640	17,3%	29 490	38,1%	23 377	26,3%	60 557	28,6%
Oil and Chemical Tankers	172	11,9%	7 202	16,3%	18 988	24,5%	47 093	52,9%	73 455	34,7%
Gas Tankers	2	0,1%	1 459	3,3%	1 800	2,3%	5 249	5,9%	8 509	4,0%
Other Tankers	6	0,4%	138	0,3%					144	0,1%
Passenger Ships	202	13,9%	2 945	6,7%	2 251	2,9%	3 358	3,8%	8 756	4,1%
Offshore Vessels	27	1,9%	793	1,8%	858	1,1%	1 623	1,8%	3 302	1,6%
Service Ships	71	4,9%	1 285	2,9%	298	0,4%			1 654	0,8%
Tugs	522	35,9%	107	0,2%					628	0,3%
Leisure Vessels	27	1,9%	51	0,1%					78	0,0%
Total	1 452	100%	44 115	100%	77 445	100%	88 972	100%	211 983	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Graph 5 - Total number of 5-14 years old ships by size - 2005



Graph 6 - Gross tonnage (in 1000 t) of 5-14 years old ships by size - 2005



15-24 YEARS OLD SHIPS

Table 7 - Total number of 15-24 years old ships, by type and size - 2005

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 162	21,9%	3 039	37,0%	56	3,7%			4 257	27,7%
Specialized Cargo Ships	4	0,1%	46	0,6%	5	0,3%			55	0,4%
Container Ships			313	3,8%	220	14,4%	5	1,5%	538	3,5%
Ro-Ro Cargo Ships	5	0,1%	223	2,7%	188	12,3%	3	0,9%	419	2,7%
Bulk Carriers	171	3,2%	1 080	13,2%	612	40,2%	199	60,1%	2 062	13,4%
Oil and Chemical Tankers	518	9,8%	1 324	16,1%	331	21,7%	97	29,3%	2 270	14,8%
Gas Tankers	15	0,3%	201	2,4%	26	1,7%	21	6,3%	263	1,7%
Other Tankers	35	0,7%	45	0,5%					80	0,5%
Passenger Ships	783	14,8%	519	6,3%	61	4,0%	4	1,2%	1 367	8,9%
Offshore Vessels	351	6,6%	714	8,7%	10	0,7%	2	0,6%	1 077	7,0%
Service Ships	588	11,1%	527	6,4%	14	0,9%			1 129	7,3%
Tugs	1 589	30,0%	158	1,9%					1 747	11,4%
Leisure Vessels	74	1,4%	23	0,3%					97	0,6%
Total	5 295	100%	8 212	100%	1 523	100%	331	100%	15 361	100%

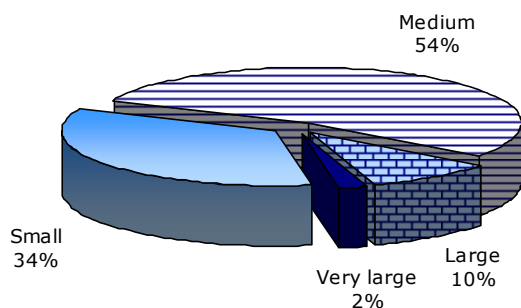
Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 8 - Gross tonnage (in 1000 t) of 15-24 years old ships, by type and size - 2005

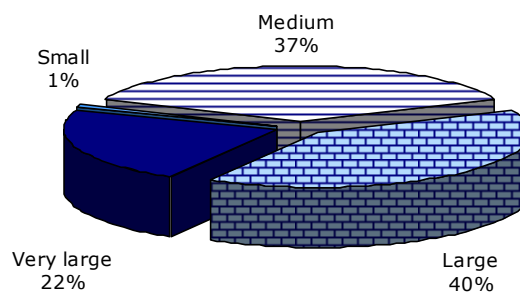
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	343	23,7%	13 621	25,9%	1 557	2,7%			15 521	10,9%
Specialized Cargo Ships	1	0,1%	315	0,6%	173	0,3%			490	0,3%
Container Ships			3 873	7,4%	8 693	15,2%	310	1,0%	12 876	9,0%
Ro-Ro Cargo Ships	2	0,1%	1 927	3,7%	7 857	13,8%	200	0,6%	9 986	7,0%
Bulk Carriers	70	4,8%	17 511	33,3%	21 296	37,3%	17 682	55,9%	56 560	39,6%
Oil and Chemical Tankers	157	10,8%	8 711	16,6%	13 179	23,1%	11 018	34,8%	33 065	23,2%
Gas Tankers	6	0,4%	1 042	2,0%	1 135	2,0%	2 005	6,3%	4 188	2,9%
Other Tankers	9	0,7%	161	0,3%					170	0,1%
Passenger Ships	194	13,4%	2 310	4,4%	2 154	3,8%	277	0,9%	4 935	3,5%
Offshore Vessels	103	7,1%	1 197	2,3%	460	0,8%	151	0,5%	1 911	1,3%
Service Ships	174	12,0%	1 739	3,3%	546	1,0%			2 459	1,7%
Tugs	368	25,4%	173	0,3%					541	0,4%
Leisure Vessels	19	1,3%	22	0,0%					42	0,0%
Total	1 447	100%	52 602	100%	57 051	100%	31 643	100%	142 742	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Graph 7 - Total number of 15-24 years old ships by size - 2005



Graph 8 - Gross tonnage (in 1000 t) of years 15-24 old ships by size - 2005



+25 YEARS OLD SHIPS**Table 9 - Total number of +25 years old ships, by type and size - 2005**

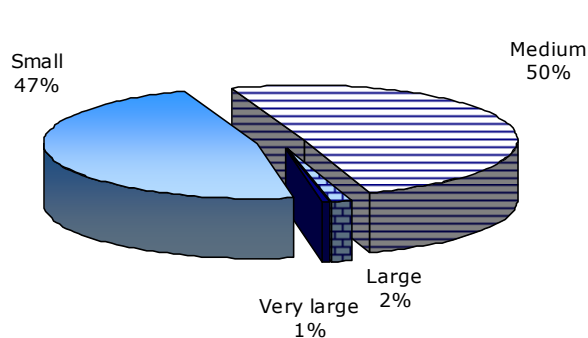
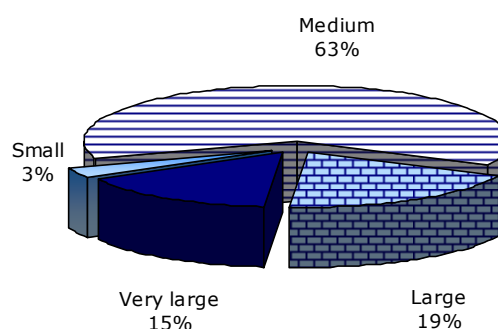
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 525	22,3%	5 116	42,2%	33	7,5%			7 674	32,0%
Specialized Cargo Ships	25	0,2%	75	0,6%	12	2,7%			112	0,5%
Container Ships			211	1,7%	84	19,0%			295	1,2%
Ro-Ro Cargo Ships	19	0,2%	358	3,0%	64	14,5%			441	1,8%
Bulk Carriers	142	1,3%	1 067	8,8%	116	26,3%	9	7,5%	1 334	5,6%
Oil and Chemical Tankers	901	8,0%	1 872	15,4%	43	9,8%	36	30,0%	2 852	11,9%
Gas Tankers	27	0,2%	194	1,6%	52	11,8%	27	22,5%	300	1,3%
Other Tankers	93	0,8%	101	0,8%	1	0,2%			195	0,8%
Passenger Ships	1 271	11,2%	1 055	8,7%	19	4,3%			2 345	9,8%
Offshore Vessels	740	6,5%	829	6,8%	9	2,0%	48	40,0%	1 626	6,8%
Service Ships	822	7,3%	919	7,6%	8	1,8%			1 749	7,3%
Tugs	4 527	40,0%	315	2,6%					4 842	20,2%
Leisure Vessels	212	1,9%	23	0,2%					235	1,0%
Total	11 304	100%	12 135	100%	441	100%	120	100%	24 000	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 10 - Gross tonnage (in 1000 t) of +25 years old ships, by type and size - 2005

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	786	27,6%	17 382	34,1%	915	5,8%			19 083	23,2%
Specialized Cargo Ships	10	0,3%	310	0,6%	381	2,4%			700	0,9%
Container Ships			2 047	4,0%	2 914	18,6%			4 961	6,0%
Ro-Ro Cargo Ships	7	0,2%	2 733	5,4%	2 358	15,0%			5 098	6,2%
Bulk Carriers	45	1,6%	13 109	25,7%	3 973	25,3%	676	5,3%	17 803	21,7%
Oil and Chemical Tankers	297	10,5%	6 254	12,3%	1 809	11,5%	4 214	33,3%	12 574	15,3%
Gas Tankers	9	0,3%	500	1,0%	2 118	13,5%	2 404	19,0%	5 032	6,1%
Other Tankers	25	0,9%	312	0,6%	30	0,2%			367	0,4%
Passenger Ships	310	10,9%	4 546	8,9%	560	3,6%			5 416	6,6%
Offshore Vessels	195	6,8%	1 209	2,4%	342	2,2%	5 366	42,4%	7 112	8,7%
Service Ships	192	6,8%	2 280	4,5%	300	1,9%			2 771	3,4%
Tugs	948	33,3%	289	0,6%					1 237	1,5%
Leisure Vessels	18	0,6%	23	0,0%					41	0,1%
Total	2 842	100%	50 993	100%	15 700	100%	12 660	100%	82 195	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Graph 9 - Total number of +25 years old ships by size - 2005**Graph 10 - Gross tonnage (in 1000 t) of years +25 old ships by size - 2005**

2.3. SHIPS BY FLAG

WHOLE FLEET

Table 11 - World fleet : total number of ships, by type and flag – 2005

Ship Type	Black Flag		Non Black Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6 284	36,9%	9 585	21,7%	15 869	25,9%
Specialized Cargo Ships	78	0,5%	114	0,3%	192	0,3%
Container Ships	768	4,5%	2 228	5,0%	2 996	4,9%
Ro-Ro Cargo Ships	498	2,9%	886	2,0%	1 384	2,3%
Bulk Carriers	2 138	12,5%	4 183	9,5%	6 321	10,3%
Oil and Chemical Tankers	2 264	13,3%	6 866	15,5%	9 130	14,9%
Gas Tankers	283	1,7%	797	1,8%	1 080	1,8%
Other Tankers	100	0,6%	250	0,6%	350	0,6%
Passenger Ships	908	5,3%	4 863	11,0%	5 771	9,4%
Offshore Vessels	838	4,9%	2 854	6,5%	3 692	6,0%
Service Ships	623	3,7%	3 100	7,0%	3 723	6,1%
Tugs	2 214	13,0%	7 847	17,8%	10 061	16,4%
Leisure Vessels	45	0,3%	613	1,4%	658	1,1%
Total	17 041	100%	44 186	100%	61 227	100%

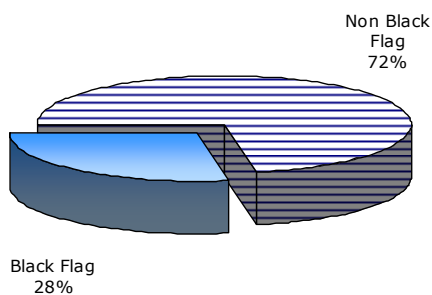
Source : Equasis processed by Emsa

Table 12 - World fleet : gross tonnage (in 1000 t) of ships, by type and flag – 2005

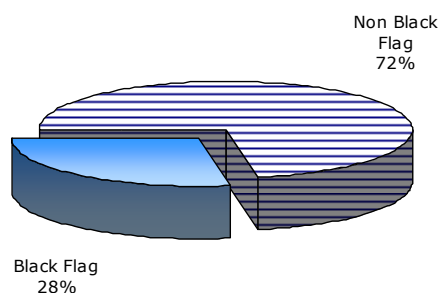
Ship Type	Black Flag		Non Black Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	17 982	10,7%	33 100	7,6%	51 081	8,5%
Specialized Cargo Ships	438	0,3%	960	0,2%	1 398	0,2%
Container Ships	21 602	12,9%	61 241	14,1%	82 843	13,8%
Ro-Ro Cargo Ships	11 728	7,0%	18 076	4,2%	29 804	5,0%
Bulk Carriers	66 134	39,5%	110 621	25,5%	176 756	29,4%
Oil and Chemical Tankers	35 169	21,0%	144 747	33,4%	179 916	30,0%
Gas Tankers	5 286	3,2%	19 913	4,6%	25 199	4,2%
Other Tankers	169	0,1%	616	0,1%	785	0,1%
Passenger Ships	3 702	2,2%	22 763	5,3%	26 465	4,4%
Offshore Vessels	3 495	2,1%	11 601	2,7%	15 097	2,5%
Service Ships	990	0,6%	7 240	1,7%	8 229	1,4%
Tugs	598	0,4%	2 155	0,5%	2 752	0,5%
Leisure Vessels	22	0,0%	266	0,1%	288	0,0%
Total	167 315	100%	433 299	100%	600 614	100%

Source : Equasis processed by Emsa

Graph 11 - World fleet : total number of ships, by flag – 2005



Graph 12 - World fleet : gross tonnage (in 1000 t) of ships, by flag – 2005



SMALL SHIPS

Table 13 - Total number of small⁽¹⁾ ships, by type and flag – 2005

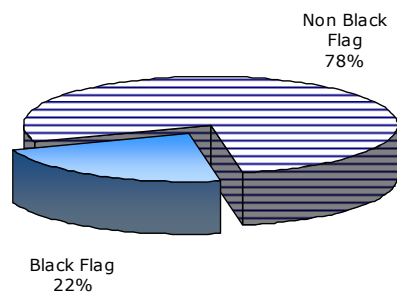
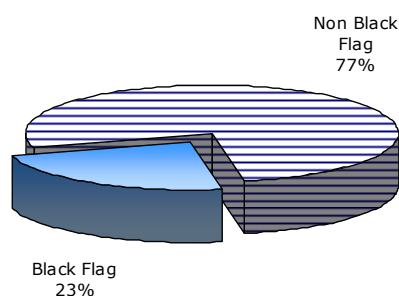
Ship Type	Black Flag		Non Black Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1 577	30,1%	3 314	18,0%	4 891	20,7%
Specialized Cargo Ships	16	0,3%	14	0,1%	30	0,1%
Container Ships						
Ro-Ro Cargo Ships	10	0,2%	23	0,1%	33	0,1%
Bulk Carriers	52	1,0%	382	2,1%	434	1,8%
Oil and Chemical Tankers	375	7,2%	1 638	8,9%	2 013	8,5%
Gas Tankers	5	0,1%	44	0,2%	49	0,2%
Other Tankers	41	0,8%	110	0,6%	151	0,6%
Passenger Ships	468	8,9%	2 622	14,2%	3 090	13,1%
Offshore Vessels	298	5,7%	960	5,2%	1 258	5,3%
Service Ships	278	5,3%	1 506	8,2%	1 784	7,5%
Tugs	2 080	39,8%	7 337	39,8%	9 417	39,8%
Leisure Vessels	32	0,6%	478	2,6%	510	2,2%
Total	5 232	100%	18 428	100%	23 660	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500

Table 14 - Gross tonnage (in 1000 t) of small⁽¹⁾ ships, by type and flag – 2005

Ship Type	Black Flag		Non Black Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	503	34,9%	1 049	21,8%	1 552	24,8%
Specialized Cargo Ships	7	0,5%	5	0,1%	11	0,2%
Container Ships						
Ro-Ro Cargo Ships	4	0,3%	9	0,2%	13	0,2%
Bulk Carriers	20	1,4%	145	3,0%	165	2,6%
Oil and Chemical Tankers	131	9,1%	520	10,8%	650	10,4%
Gas Tankers	2	0,2%	16	0,3%	18	0,3%
Other Tankers	11	0,8%	29	0,6%	41	0,7%
Passenger Ships	123	8,5%	649	13,5%	771	12,3%
Offshore Vessels	88	6,1%	268	5,6%	357	5,7%
Service Ships	73	5,1%	390	8,1%	463	7,4%
Tugs	468	32,5%	1 641	34,1%	2 109	33,7%
Leisure Vessels	9	0,7%	92	1,9%	101	1,6%
Total	1 440	100%	4 811	100%	6 251	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500

Graph 13 - Total number of small ships, by flag – 2005**Graph 14 - Gross tonnage (in 1000 t) of small ships, by flag – 2005**

MEDIUM SHIPS

Table 15 - Total number of medium⁽¹⁾ ships, by type and flag – 2005

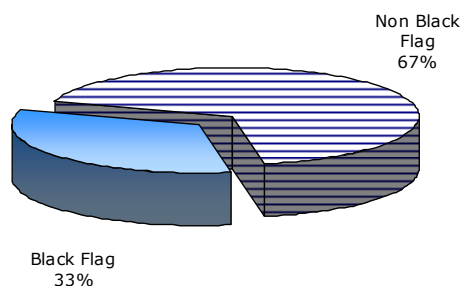
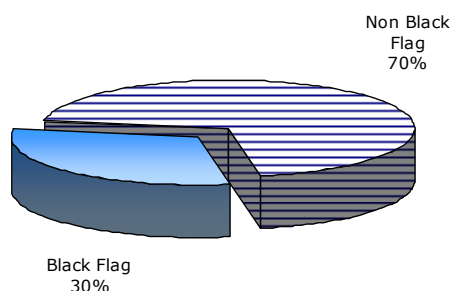
Ship Type	Black Flag		Non Black Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	4 696	48,3%	6 102	30,5%	10 798	36,3%
Specialized Cargo Ships	54	0,6%	90	0,5%	144	0,5%
Container Ships	444	4,6%	1 210	6,1%	1 654	5,6%
Ro-Ro Cargo Ships	274	2,8%	590	3,0%	864	2,9%
Bulk Carriers	1 027	10,6%	1 949	9,7%	2 976	10,0%
Oil and Chemical Tankers	1 540	15,8%	3 426	17,1%	4 966	16,7%
Gas Tankers	209	2,2%	514	2,6%	723	2,4%
Other Tankers	59	0,6%	137	0,7%	196	0,7%
Passenger Ships	413	4,2%	1 973	9,9%	2 386	8,0%
Offshore Vessels	512	5,3%	1 798	9,0%	2 310	7,8%
Service Ships	343	3,5%	1 558	7,8%	1 901	6,4%
Tugs	134	1,4%	510	2,6%	644	2,2%
Leisure Vessels	13	0,1%	135	0,7%	148	0,5%
Total	9 718	100%	19 992	100%	29 710	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000

Table 16 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag – 2005

Ship Type	Black Flag		Non Black Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	17 190	33,8%	27 070	23,1%	44 260	26,3%
Specialized Cargo Ships	188	0,4%	615	0,5%	803	0,5%
Container Ships	5 238	10,3%	14 345	12,2%	19 583	11,6%
Ro-Ro Cargo Ships	2 155	4,2%	5 597	4,8%	7 751	4,6%
Bulk Carriers	14 545	28,6%	27 818	23,7%	42 363	25,2%
Oil and Chemical Tankers	6 825	13,4%	20 405	17,4%	27 230	16,2%
Gas Tankers	893	1,8%	2 517	2,1%	3 410	2,0%
Other Tankers	158	0,3%	490	0,4%	648	0,4%
Passenger Ships	1 810	3,6%	9 064	7,7%	10 874	6,5%
Offshore Vessels	809	1,6%	3 441	2,9%	4 251	2,5%
Service Ships	854	1,7%	5 273	4,5%	6 127	3,6%
Tugs	129	0,3%	514	0,4%	643	0,4%
Leisure Vessels	12	0,0%	174	0,1%	187	0,1%
Total	50 806	100%	117 325	100%	168 131	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000

Graph 15 - Total number of medium ships, by flag – 2005**Graph 16 - Gross tonnage (in 1000 t) of medium ships, by flag – 2005**

LARGE SHIPS

Table 17 - Total number of large⁽¹⁾ ships, by type and flag – 2005

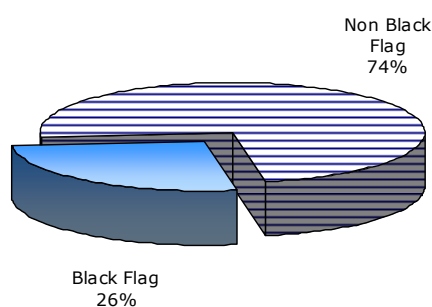
Ship Type	Black Flag		Non Black Flag		Total	
General Cargo Ships	11	0,7%	169	4,0%	180	3,2%
Specialized Cargo Ships	8	0,5%	10	0,2%	18	0,3%
Container Ships	225	14,9%	794	18,9%	1 019	17,9%
Ro-Ro Cargo Ships	201	13,3%	255	6,1%	456	8,0%
Bulk Carriers	788	52,3%	1 485	35,4%	2 273	39,9%
Oil and Chemical Tankers	208	13,8%	1 109	26,4%	1 317	23,1%
Gas Tankers	44	2,9%	108	2,6%	152	2,7%
Other Tankers			3	0,1%	3	0,1%
Passenger Ships	13	0,9%	197	4,7%	210	3,7%
Offshore Vessels	6	0,4%	35	0,8%	41	0,7%
Service Ships	2	0,1%	29	0,7%	31	0,5%
Tugs						
Leisure Vessels						
Total	1 506	100%	4 194	100%	5 700	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000Table 18 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag – 2005

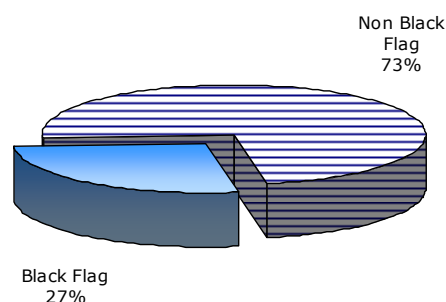
Ship Type	Black Flag		Non Black Flag		Total	
General Cargo Ships	289	0,5%	4 981	3,2%	5 270	2,5%
Specialized Cargo Ships	244	0,4%	340	0,2%	584	0,3%
Container Ships	9 267	16,2%	30 238	19,2%	39 504	18,4%
Ro-Ro Cargo Ships	8 770	15,4%	11 285	7,2%	20 055	9,4%
Bulk Carriers	27 622	48,4%	51 252	32,6%	78 874	36,8%
Oil and Chemical Tankers	8 021	14,1%	45 135	28,7%	53 156	24,8%
Gas Tankers	1 964	3,4%	4 443	2,8%	6 407	3,0%
Other Tankers			96	0,1%	96	
Passenger Ships	526	0,9%	6 883	4,4%	7 409	3,5%
Offshore Vessels	267	0,5%	1 555	1,0%	1 821	0,8%
Service Ships	63	0,1%	1 081	0,7%	1 144	0,5%
Tugs						
Leisure Vessels						
Total	57 031	100%	157 288	100%	214 319	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000

Graph 17 - Total number of large ships, by flag – 2005



Graph 18 - Gross tonnage (in 1000 t) of large ships, by flag – 2005



VERY LARGE SHIPS

Table 19 - Total number of very large⁽¹⁾ ships, by type and flag – 2005

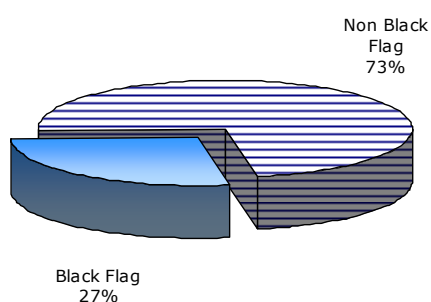
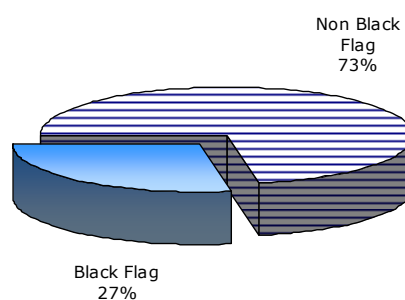
Ship Type	Black Flag		Non Black Flag		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	99	16,9%	224	14,2%	323	15,0%
Ro-Ro Cargo Ships	13	2,2%	18	1,1%	31	1,4%
Bulk Carriers	271	46,3%	367	23,3%	638	29,6%
Oil and Chemical Tankers	141	24,1%	693	44,1%	834	38,7%
Gas Tankers	25	4,3%	131	8,3%	156	7,2%
Other Tankers						
Passenger Ships	14	2,4%	71	4,5%	85	3,9%
Offshore Vessels	22	3,8%	61	3,9%	83	3,8%
Service Ships			7	0,4%	7	0,3%
Tugs						
Leisure Vessels						
Total	585	100%	1 572	100%	2 157	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000

Table 20 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag – 2005

Ship Type	Black Flag		Non Black Flag		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	7 097	12,2%	16 658	10,8%	23 755	11,2%
Ro-Ro Cargo Ships	800	1,4%	1 185	0,8%	1 985	0,9%
Bulk Carriers	23 947	41,3%	31 407	20,4%	55 353	26,1%
Oil and Chemical Tankers	20 192	34,8%	78 688	51,1%	98 880	46,7%
Gas Tankers	2 428	4,2%	12 937	8,4%	15 365	7,3%
Other Tankers						
Passenger Ships	1 243	2,1%	6 167	4,0%	7 411	3,5%
Offshore Vessels	2 331	4,0%	6 337	4,1%	8 668	4,1%
Service Ships			496	0,3%	496	0,2%
Tugs						
Leisure Vessels						
Total	58 038	100%	153 875	100%	211 913	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000

Graph 19 - Total number of very large ships, by flag – 2005**Graph 20 - Gross tonnage (in 1000 t) of very large ships, by flag – 2005**

Chapter 3

3. Classification Societies

INTRODUCTION

Classification societies provide technical and surveying services for the shipping industry and undertake statutory surveys on behalf of flag states (as so-called “*recognized organizations*”). These services are mostly provided by societies belonging to the International Association of Classifications Societies (IACS). There is no requirement under international conventions for a ship to be “in class”. However the vast majority of ships (and their flag state) rely on meeting the standards of class in order to comply with the construction standard required under the SOLAS convention.

The members of IACS are:

- American Bureau of Shipping
- Bureau Veritas
- China Classification Society
- Det Norske Veritas
- Germanischer Lloyd
- Indian Register of Shipping
- Korean Register of Shipping
- Lloyd's Register of Shipping
- Nippon Kaiji Kyokai
- Registro Italiano Navale
- Russian Maritime Register of Shipping

The tables in this chapter show the proportion of the EQUASIS fleet, in each size and type category, which is classed with members of IACS and those classed with recognized organizations which are not members of IACS. Data on class is provided by the IACS secretariat and for non IACS recognized organizations the information is supplied by LRF when available.

There is also a proportion of ships which are either not classed, or for which data is unavailable. These are shown as “Class not

recorded”. In some of these cases data shows that the ship has previously been with an IACS class but IACS class has been withdrawn and no current data is available. Such cases are recorded in this report as “IACS withdrawn”. Ships in this group have had their class withdrawn at the owners request, due to transfer to a non IACS class or because of overdue surveys, non-compliance with conditions of class and other safety reasons or other non safety related reasons. Ships which have been withdrawn from one IACS class and transferred to another IACS member are counted in the IACS total.

In chapter 3.3 the fleet is analysed according to class and flag status. Flags are grouped in two categories, black and non-black. The so-called black flags are those whose safety performance as measured by the detention rate of their ships leads to them being targeted for inspection by port state control authorities. The Paris MoU, Tokyo MoU and USCG each publish annually a list of targeted flags. The black flag group used in the tables in chapter 3.3 includes those flags which appear on at least one of the annual lists for 2004. A list of these flags is at Annex II.

In chapter 3.4 the detention rate of ships is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MoU and USCG regions in 2005. All detentions are counted, whether or not the recognized organization has any responsibility towards the grounds for the detention.

RESULTS

Graph 21 suggests that by number half (53%) of the fleet is classed with an IACS member. However as Tables 23 and 24 show many of those outside IACS are in the small ships category which are not subject to international conventions on safety and pollution prevention because of their size or because they do not trade internationally. By tonnage, ships under IACS class societies dominate – 90% overall and for large and very large ships around 95%. As graphs 31, 41, 51 and 61 show IACS' share of the fleet diminishes by age – 76% of the 0-4 year old fleet down to 30% of the fleet over 25 years old.

However this picture is distorted by the higher proportion of small ships (and often non-classed) in this older fleet. For medium sized ships and above there is a much smaller reduction in the IACS share of the fleet with age except in the case of medium sized ships where the proportion of IACS classed ships drops to 40% of the over 25 year old fleet from a proportion of 73-83% in the other age ranges (see Graphs 35, 45, 55 and 65).

Tables 75 – 90 show that within the large and very large fleet the proportion of ships under IACS class is the same in the black flag fleet and non-black fleet. However for medium ships only 48% of the black flag fleet is under IACS while 69% of the non-black flag fleet is under IACS.

The safety performance of the whole fleet as measured by detention rates shows a good record with 4,3% of inspections resulting in detention in 2005. Those ships with an IACS class were less likely to be detained in 2005 (3,2%) than those with non-IACS societies (17,3%) or whose IACS status has been withdrawn.

3.1. CLASS STATUS

Table 21 - World fleet : total number of ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	6 390	20,1%	1 256	47,6%	993	30,4%	7 230	30,8%	15 869	25,9%
Specialized Cargo Ships	107	0,3%	9	0,3%	14	0,4%	62	0,3%	192	0,3%
Container Ships	2 798	8,8%	26	1,0%	48	1,5%	124	0,5%	2 996	4,9%
Ro-Ro Cargo Ships	1 129	3,5%	24	0,9%	74	2,3%	157	0,7%	1 384	2,3%
Bulk Carriers	5 003	15,7%	123	4,7%	274	8,4%	921	3,9%	6 321	10,3%
Oil and Chemical Tankers	5 394	17,0%	269	10,2%	473	14,5%	2 994	12,7%	9 130	14,9%
Gas Tankers	887	2,8%	4	0,2%	58	1,8%	131	0,6%	1 080	1,8%
Other Tankers	138	0,4%	17	0,6%	29	0,9%	166	0,7%	350	0,6%
Passenger Ships	1 942	6,1%	310	11,7%	335	10,3%	3 184	13,5%	5 771	9,4%
Offshore Vessels	2 516	7,9%	54	2,0%	146	4,5%	976	4,2%	3 692	6,0%
Service Ships	1 418	4,5%	81	3,1%	228	7,0%	1 996	8,5%	3 723	6,1%
Tugs	3 742	11,8%	449	17,0%	573	17,5%	5 297	22,5%	10 061	16,4%
Leisure Vessels	345	1,1%	19	0,7%	22	0,7%	272	1,2%	658	1,1%
Total	31 809	100%	2 641	100%	3 267	100%	23 510	100%	61 227	100%

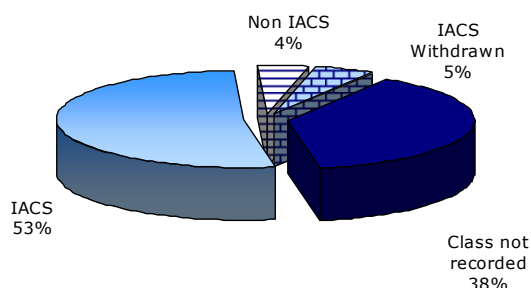
Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Table 22 - World fleet : gross tonnage (in 1000 t) of ships, by type and class – 2005

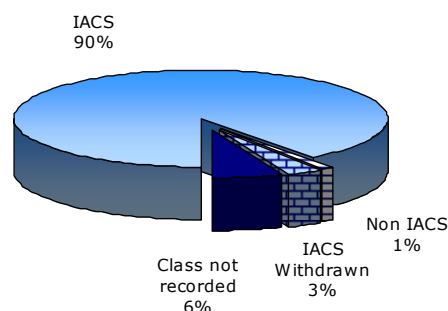
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	36 491	6,8%	2 264	34,7%	3 081	15,8%	9 245	25,4%	51 081	8,5%
Specialized Cargo Ships	1 235	0,2%	20	0,3%	67	0,3%	77	0,2%	1 399	0,2%
Container Ships	79 041	14,7%	292	4,5%	746	3,8%	2 764	7,6%	82 843	13,8%
Ro-Ro Cargo Ships	28 344	5,3%	137	2,1%	605	3,1%	718	2,0%	29 804	5,0%
Bulk Carriers	161 597	30,0%	1 526	23,4%	6 495	33,4%	7 137	19,6%	176 755	29,4%
Oil and Chemical Tankers	166 625	31,0%	1 038	15,9%	5 827	30,0%	6 426	17,7%	179 916	30,0%
Gas Tankers	24 239	4,5%	7	0,1%	321	1,7%	633	1,7%	25 200	4,2%
Other Tankers	564	0,1%	33	0,5%	115	0,6%	73	0,2%	785	0,1%
Passenger Ships	21 317	4,0%	785	12,0%	1 063	5,5%	3 301	9,1%	26 466	4,4%
Offshore Vessels	11 900	2,2%	199	3,1%	688	3,5%	2 309	6,4%	15 096	2,5%
Service Ships	5 455	1,0%	117	1,8%	298	1,5%	2 359	6,5%	8 229	1,4%
Tugs	1 337	0,2%	94	1,4%	139	0,7%	1 182	3,3%	2 752	0,5%
Leisure Vessels	146	0,0%	4	0,1%	5	0,0%	133	0,4%	288	0,0%
Total	538 291	100%	6 516	100%	19 450	100%	36 357	100%	600 614	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Graph 21 - World fleet : total number of ships, by class – 2005



Graph 22 - World fleet : gross tonnage (in 1000 t) of ships, by class – 2005



SMALL SHIPS

Table 23 - Total number of small⁽¹⁾ ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	277	4,7%	463	39,7%	113	10,2%	4 038	26,0%	4 891	20,7%
Specialized Cargo Ships	1	0,0%	1	0,1%	2	0,2%	26	0,2%	30	0,1%
Container Ships										
Ro-Ro Cargo Ships	8	0,1%	1	0,1%			24	0,2%	33	0,1%
Bulk Carriers	5	0,1%	5	0,4%	5	0,5%	419	2,7%	434	1,8%
Oil and Chemical Tankers	237	4,1%	46	3,9%	72	6,5%	1 658	10,7%	2 013	8,5%
Gas Tankers	9	0,2%	1	0,1%	7	0,6%	32	0,2%	49	0,2%
Other Tankers	17	0,3%	6	0,5%	4	0,4%	124	0,8%	151	0,6%
Passenger Ships	653	11,2%	140	12,0%	182	16,4%	2 115	13,6%	3 090	13,1%
Offshore Vessels	546	9,4%	19	1,6%	55	5,0%	638	4,1%	1 258	5,3%
Service Ships	500	8,6%	25	2,1%	105	9,5%	1 154	7,4%	1 784	7,5%
Tugs	3 331	57,1%	442	37,9%	542	49,0%	5 102	32,8%	9 417	39,8%
Leisure Vessels	251	4,3%	18	1,5%	20	1,8%	221	1,4%	510	2,2%
Total	5 835	100%	1 167	100%	1 107	100%	15 551	100%	23 660	100%

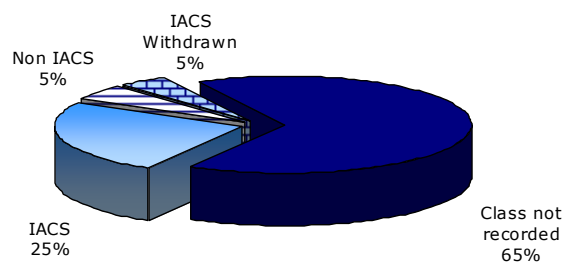
Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Table 24 - Gross tonnage (in 1000 t) of small⁽¹⁾ ships, by type and class – 2005

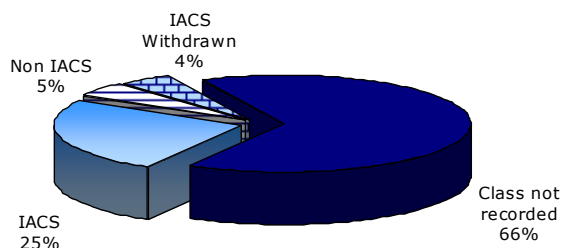
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	88	5,6%	145	46,9%	35	12,9%	1 284	31,3%	1 552	24,8%
Specialized Cargo Ships	0	0,0%	0	0,2%	1	0,3%	10	0,2%	11	0,2%
Container Ships										
Ro-Ro Cargo Ships	3	0,2%	0	0,1%			9	0,2%	13	0,2%
Bulk Carriers	2	0,1%	2	0,7%	2	0,8%	159	3,9%	165	2,6%
Oil and Chemical Tankers	89	5,7%	16	5,2%	27	10,0%	519	12,6%	650	10,4%
Gas Tankers	4	0,2%	0	0,2%	3	1,1%	11	0,3%	18	0,3%
Other Tankers	5	0,3%	2	0,6%	1	0,3%	33	0,8%	41	0,7%
Passenger Ships	182	11,7%	39	12,7%	45	16,8%	504	12,3%	771	12,3%
Offshore Vessels	165	10,5%	5	1,5%	15	5,5%	172	4,2%	357	5,7%
Service Ships	119	7,6%	5	1,7%	24	8,8%	315	7,7%	463	7,4%
Tugs	872	55,7%	90	29,1%	114	42,2%	1 033	25,2%	2 109	33,7%
Leisure Vessels	37	2,4%	4	1,2%	4	1,4%	57	1,4%	101	1,6%
Total	1 565	100%	309	100%	270	100%	4 107	100%	6 251	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Graph 23 - Total number of small ships, by class – 2005



Graph 24 - Gross tonnage (in 1000 t) of small ships, by class – 2005



MEDIUM SHIPS

Table 25 - Total number of medium⁽¹⁾ ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 934	32,0%	793	54,8%	880	44,4%	3 191	41,1%	10 798	36,3%
Specialized Cargo Ships	88	0,5%	8	0,6%	12	0,6%	36	0,5%	144	0,5%
Container Ships	1 511	8,2%	21	1,5%	37	1,9%	85	1,1%	1 654	5,6%
Ro-Ro Cargo Ships	644	3,5%	23	1,6%	68	3,4%	129	1,7%	864	2,9%
Bulk Carriers	2 244	12,1%	109	7,5%	185	9,3%	438	5,6%	2 976	10,0%
Oil and Chemical Tankers	3 123	16,9%	214	14,8%	340	17,2%	1 289	16,6%	4 966	16,7%
Gas Tankers	579	3,1%	3	0,2%	48	2,4%	93	1,2%	723	2,4%
Other Tankers	118	0,6%	11	0,8%	25	1,3%	42	0,5%	196	0,7%
Passenger Ships	1 010	5,5%	167	11,5%	145	7,3%	1 064	13,7%	2 386	8,0%
Offshore Vessels	1 875	10,1%	33	2,3%	86	4,3%	316	4,1%	2 310	7,8%
Service Ships	886	4,8%	56	3,9%	123	6,2%	836	10,8%	1 901	6,4%
Tugs	411	2,2%	7	0,5%	31	1,6%	195	2,5%	644	2,2%
Leisure Vessels	94	0,5%	1	0,1%	2	0,1%	51	0,7%	148	0,5%
Total	18 517	100%	1 446	100%	1 982	100%	7 765	100%	29 710	100%

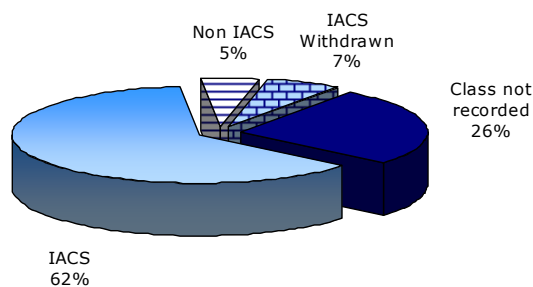
Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Table 26 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and class – 2005

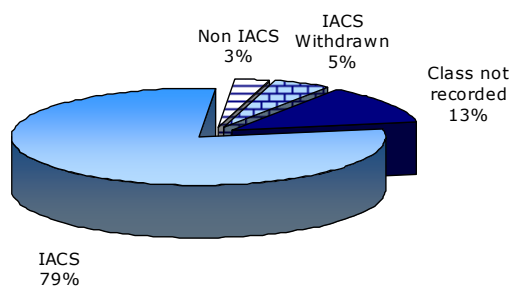
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	31 163	23,4%	2 119	42,7%	3 047	35,6%	7 931	37,2%	44 260	26,3%
Specialized Cargo Ships	651	0,5%	19	0,4%	66	0,8%	67	0,3%	803	0,5%
Container Ships	18 704	14,0%	91	1,8%	290	3,4%	497	2,3%	19 583	11,6%
Ro-Ro Cargo Ships	6 745	5,1%	137	2,8%	363	4,2%	507	2,4%	7 751	4,6%
Bulk Carriers	34 352	25,8%	1 181	23,8%	2 599	30,4%	4 231	19,8%	42 363	25,2%
Oil and Chemical Tankers	22 877	17,2%	573	11,5%	1 076	12,6%	2 704	12,7%	27 230	16,2%
Gas Tankers	3 193	2,4%	6	0,1%	92	1,1%	119	0,6%	3 410	2,0%
Other Tankers	463	0,3%	32	0,6%	114	1,3%	40	0,2%	648	0,4%
Passenger Ships	7 145	5,4%	659	13,3%	433	5,1%	2 636	12,4%	10 874	6,5%
Offshore Vessels	3 524	2,6%	31	0,6%	167	1,9%	529	2,5%	4 251	2,5%
Service Ships	3 890	2,9%	112	2,3%	274	3,2%	1 851	8,7%	6 127	3,6%
Tugs	465	0,3%	5	0,1%	25	0,3%	149	0,7%	643	0,4%
Leisure Vessels	109	0,1%	1	0,0%	2	0,0%	76	0,4%	187	0,1%
Total	133 281	100%	4 965	100%	8 548	100%	21 337	100%	168 131	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Graph 25 - Total number of medium ships, by class – 2005



Graph 26 - Gross tonnage (in 1000 t) of medium ships, by class – 2005



LARGE SHIPS

Table 27 - Total number of large⁽¹⁾ ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	179	3,3%					1	0,8%	180	3,2%
Specialized Cargo Ships	18	0,3%							18	0,3%
Container Ships	983	18,1%	5	21,7%	10	8,3%	21	16,8%	1 019	17,9%
Ro-Ro Cargo Ships	447	8,2%			6	5,0%	3	2,4%	456	8,0%
Bulk Carriers	2 146	39,5%	8	34,8%	65	54,2%	54	43,2%	2 273	39,9%
Oil and Chemical Tankers	1 249	23,0%	7	30,4%	35	29,2%	26	20,8%	1 317	23,1%
Gas Tankers	150	2,8%			1	0,8%	1	0,8%	152	2,7%
Other Tankers	3	0,1%							3	0,1%
Passenger Ships	200	3,7%	3	13,0%	2	1,7%	5	4,0%	210	3,7%
Offshore Vessels	32	0,6%			1	0,8%	8	6,4%	41	0,7%
Service Ships	25	0,5%					6	4,8%	31	0,5%
Tugs										
Leisure Vessels										
Total	5 432	100%	23	100%	120	100%	125	100%	5 700	100%

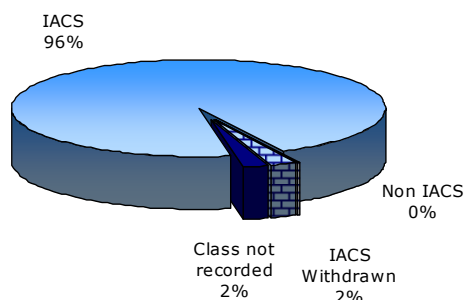
Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Table 28 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and class – 2005

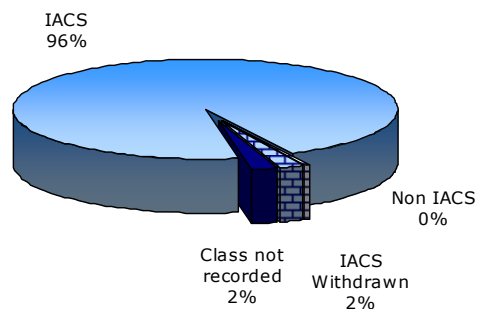
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 240	2,6%					30	0,7%	5 270	2,5%
Specialized Cargo Ships	584	0,3%							584	0,3%
Container Ships	38 143	18,7%	201	23,8%	391	8,8%	770	17,0%	39 504	18,4%
Ro-Ro Cargo Ships	19 673	9,6%			243	5,5%	139	3,1%	20 055	9,4%
Bulk Carriers	74 599	36,5%	269	31,9%	2 134	47,9%	1 871	41,3%	78 874	36,8%
Oil and Chemical Tankers	50 357	24,6%	287	34,0%	1 527	34,3%	985	21,7%	53 156	24,8%
Gas Tankers	6 322	3,1%			44	1,0%	41	0,9%	6 407	3,0%
Other Tankers	96	0,0%							96	0,0%
Passenger Ships	7 094	3,5%	87	10,3%	68	1,5%	161	3,5%	7 409	3,5%
Offshore Vessels	1 433	0,7%			47	1,1%	341	7,5%	1 821	0,8%
Service Ships	951	0,5%					193	4,3%	1 144	0,5%
Tugs										
Leisure Vessels										
Total	204 492	100%	844	100%	4 454	100%	4 530	100%	214 319	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Graph 27 - Total number of large ships, by class – 2005



Graph 28 - Gross tonnage (in 1000 t) of large ships, by class – 2005



VERY LARGE SHIPS

Table 29 - Total number of very large⁽¹⁾ ships, by type and class – 2005

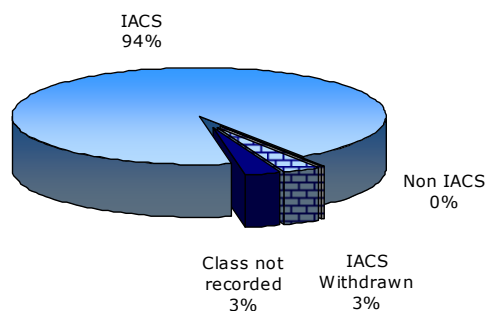
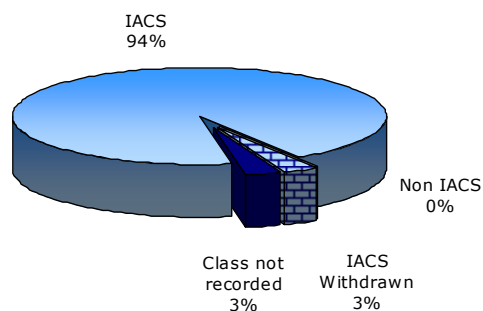
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	304	15,0%			1	1,7%	18	26,1%	323	15,0%
Ro-Ro Cargo Ships	30	1,5%					1	1,4%	31	1,4%
Bulk Carriers	608	30,0%	1	20,0%	19	32,8%	10	14,5%	638	29,6%
Oil and Chemical Tankers	785	38,8%	2	40,0%	26	44,8%	21	30,4%	834	38,7%
Gas Tankers	149	7,4%			2	3,4%	5	7,2%	156	7,2%
Other Tankers										
Passenger Ships	79	3,9%			6	10,3%			85	3,9%
Offshore Vessels	63	3,1%	2	40,0%	4	6,9%	14	20,3%	83	3,8%
Service Ships	7	0,3%							7	0,3%
Tugs										
Leisure Vessels										
Total	2 025	100%	5	100%	58	100%	69	100%	2 157	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Table 30 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	22 193	11,2%			65	1,0%	1 497	23,5%	23 755	11,2%
Ro-Ro Cargo Ships	1 922	1,0%					63	1,0%	1 985	0,9%
Bulk Carriers	52 645	26,5%	73	18,3%	1 760	28,5%	876	13,7%	55 353	26,1%
Oil and Chemical Tankers	93 303	46,9%	162	40,6%	3 196	51,7%	2 219	34,8%	98 880	46,7%
Gas Tankers	14 720	7,4%			183	3,0%	462	7,2%	15 365	7,3%
Other Tankers										
Passenger Ships	6 895	3,5%			516	8,4%			7 411	3,5%
Offshore Vessels	6 778	3,4%	164	41,1%	459	7,4%	1 267	19,8%	8 668	4,1%
Service Ships	496	0,2%							496	0,2%
Tugs										
Leisure Vessels										
Total	198 951	100%	399	100%	6 178	100%	6 384	100%	211 913	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Graph 29 - Total number of very large ships, by class – 2005**Graph 30 - Gross tonnage (in 1000 t) of very large ships, by class – 2005**

3.2. CLASS STATUS AND AGE

0-4 YEARS OLD SHIPS

Table 31 - World fleet, total number of 0-4 years old ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	488	9,0%	103	58,5%	4	2,3%	203	14,4%	798	11,1%
Specialized Cargo Ships	5	0,1%			1	0,6%			6	0,1%
Container Ships	740	13,7%	5	2,8%	6	3,4%	57	4,0%	808	11,3%
Ro-Ro Cargo Ships	146	2,7%			2	1,1%	14	1,0%	162	2,3%
Bulk Carriers	1 029	19,1%	2	1,1%	19	10,7%	46	3,3%	1 096	15,3%
Oil and Chemical Tankers	1 284	23,8%	8	4,5%	33	18,6%	148	10,5%	1 473	20,6%
Gas Tankers	147	2,7%	1	0,6%			6	0,4%	154	2,1%
Other Tankers	11	0,2%							11	0,2%
Passenger Ships	289	5,4%	13	7,4%	42	23,7%	227	16,1%	571	8,0%
Offshore Vessels	408	7,6%	1	0,6%	1	0,6%	114	8,1%	524	7,3%
Service Ships	151	2,8%	6	3,4%	19	10,7%	88	6,2%	264	3,7%
Tugs	620	11,5%	35	19,9%	50	28,2%	412	29,2%	1 117	15,6%
Leisure Vessels	80	1,5%	2	1,1%			97	6,9%	179	2,5%
Total	5 398	100%	176	100%	177	100%	1 412	100%	7 163	100%

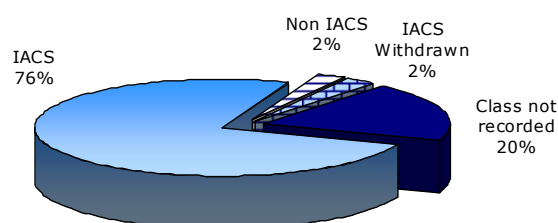
Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Table 32 - World fleet, gross tonnage (in 1000 t) of ships 0-4 years old, by type and class - 2005

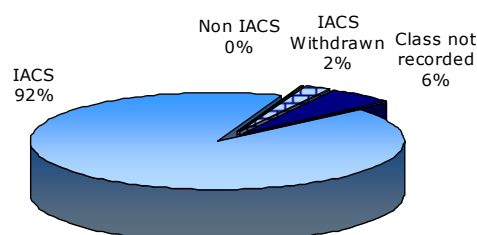
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	3 627	2,4%	114	22,5%	11	0,3%	459	4,8%	4 211	2,6%
Specialized Cargo Ships	85	0,1%			16	0,4%			101	0,1%
Container Ships	28 592	19,1%	174	34,3%	224	6,0%	2 404	25,4%	31 394	19,2%
Ro-Ro Cargo Ships	5 463	3,6%			57	1,5%	285	3,0%	5 805	3,5%
Bulk Carriers	39 396	26,3%	34	6,8%	794	21,3%	1 613	17,1%	41 837	25,6%
Oil and Chemical Tankers	55 774	37,2%	157	31,0%	2 178	58,3%	2 713	28,7%	60 822	37,2%
Gas Tankers	7 083	4,7%	2	0,4%			385	4,1%	7 470	4,6%
Other Tankers	104	0,1%							104	0,1%
Passenger Ships	6 496	4,3%	14	2,8%	419	11,2%	430	4,5%	7 359	4,5%
Offshore Vessels	1 922	1,3%	0	0,1%	2	0,1%	848	9,0%	2 772	1,7%
Service Ships	1 167	0,8%	2	0,3%	21	0,6%	156	1,6%	1 345	0,8%
Tugs	225	0,1%	8	1,6%	12	0,3%	101	1,1%	346	0,2%
Leisure Vessels	63	0,0%	1	0,1%			63	0,7%	127	0,1%
Total	149 996	100%	507	100%	3 734	100%	9 456	100%	163 694	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Graph 31 - World fleet : total number of 0-4 years old ships, by class - 2005



Graph 32 - World fleet : gross tonnage (in 1000 t) of 0-4 years old of ships, by class - 2005



0-4 YEARS OLD SMALL SHIPS

Table 33 - Total number of 0-4 years old small⁽¹⁾ ships, by type and class - 2005

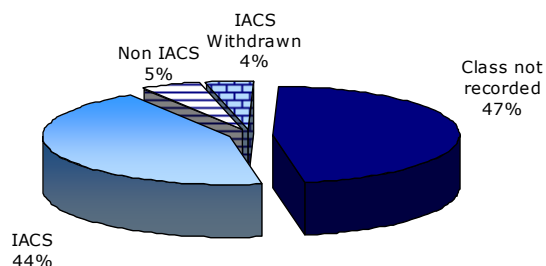
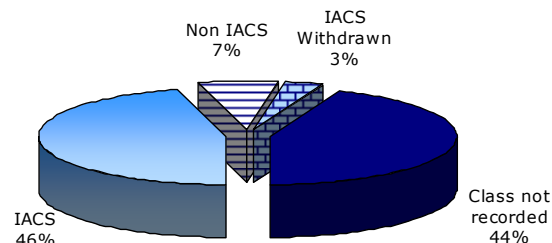
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	8	1,0%	49	50,5%			77	9,3%	134	7,5%
Specialized Cargo Ships										
Container Ships										
Ro-Ro Cargo Ships							1	0,1%	1	0,1%
Bulk Carriers							1	0,1%	1	0,1%
Oil and Chemical Tankers	12	1,5%			1	1,4%	49	5,9%	62	3,5%
Gas Tankers	1	0,1%					1	0,1%	2	0,1%
Other Tankers										
Passenger Ships	74	9,5%	7	7,2%	14	19,2%	141	17,0%	236	13,3%
Offshore Vessels	31	4,0%	1	1,0%			45	5,4%	77	4,3%
Service Ships	48	6,2%	5	5,2%	9	12,3%	43	5,2%	105	5,9%
Tugs	567	72,8%	33	34,0%	49	67,1%	395	47,6%	1 044	58,7%
Leisure Vessels	38	4,9%	2	2,1%			76	9,2%	116	6,5%
Total	779	100%	97	100%	73	100%	829	100%	1 778	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Table 34 - Gross tonnage (in 1000 t) of 0-4 years old small⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	2	1,0%	24	67,4%			28	12,7%	54	10,7%
Specialized Cargo Ships										
Container Ships										
Ro-Ro Cargo Ships							0	0,1%	0	0,1%
Bulk Carriers							0	0,2%	0	0,1%
Oil and Chemical Tankers	5	2,2%			0	2,9%	18	8,2%	24	4,7%
Gas Tankers	0	0,2%					0	0,1%	1	0,2%
Other Tankers										
Passenger Ships	22	9,5%	2	6,7%	4	21,2%	37	16,7%	66	12,9%
Offshore Vessels	12	5,3%	0	1,0%			19	8,3%	31	6,2%
Service Ships	12	5,2%	1	3,3%	2	14,2%	9	4,2%	25	5,0%
Tugs	166	71,0%	7	19,6%	11	61,7%	87	39,1%	271	53,2%
Leisure Vessels	13	5,6%	1	2,0%			23	10,3%	37	7,2%
Total	234	100%	35	100%	17	100%	224	100%	510	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Graph 33 - Total number of 0-4 years old small ships, by class - 2005**Graph 34 - Gross tonnage (in 1000 t) of 0-4 years old small ships, by class - 2005**

0-4 YEARS OLD MEDIUM SHIPS

Table 35 - Total number of 0-4 years old medium⁽¹⁾ ships, by type and class - 2005

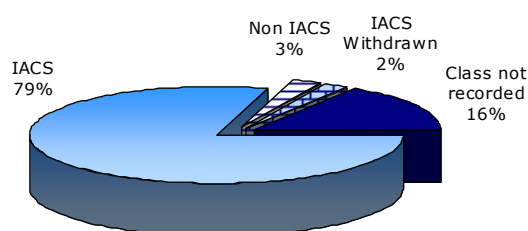
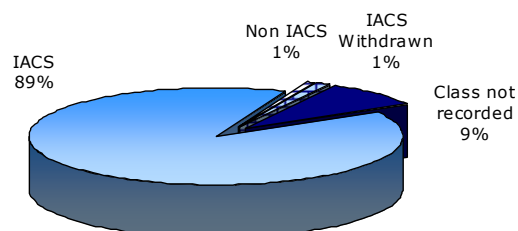
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	462	20,4%	54	75,0%	4	6,7%	125	27,5%	645	22,6%
Specialized Cargo Ships	4	0,2%			1	1,7%			5	0,2%
Container Ships	249	11,0%	1	1,4%	1	1,7%	19	4,2%	270	9,5%
Ro-Ro Cargo Ships	53	2,3%			1	1,7%	9	2,0%	63	2,2%
Bulk Carriers	239	10,5%	2	2,8%	3	5,0%	13	2,9%	257	9,0%
Oil and Chemical Tankers	521	23,0%	5	6,9%	13	21,7%	60	13,2%	599	21,0%
Gas Tankers	61	2,7%	1	1,4%			1	0,2%	63	2,2%
Other Tankers	9	0,4%							9	0,3%
Passenger Ships	113	5,0%	6	8,3%	25	41,7%	84	18,5%	228	8,0%
Offshore Vessels	368	16,2%			1	1,7%	61	13,4%	430	15,1%
Service Ships	96	4,2%	1	1,4%	10	16,7%	45	9,9%	152	5,3%
Tugs	53	2,3%	2	2,8%	1	1,7%	17	3,7%	73	2,6%
Leisure Vessels	42	1,9%					21	4,6%	63	2,2%
Total	2 270	100%	72	100%	60	100%	455	100%	2 857	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Table 36 - Gross tonnage (in 1000 t) of 0-4 years old medium⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	3 041	16,7%	91	58,4%	11	4,0%	400	23,0%	3 542	17,3%
Specialized Cargo Ships	55	0,3%			16	5,8%			71	0,3%
Container Ships	3 058	16,8%	3	2,1%	10	3,6%	178	10,2%	3 249	15,9%
Ro-Ro Cargo Ships	725	4,0%			23	8,3%	83	4,8%	831	4,1%
Bulk Carriers	3 881	21,3%	34	22,1%	45	16,2%	143	8,2%	4 104	20,1%
Oil and Chemical Tankers	4 741	26,0%	11	7,3%	67	24,2%	244	14,0%	5 063	24,8%
Gas Tankers	402	2,2%	2	1,5%			4	0,2%	409	2,0%
Other Tankers	38	0,2%							38	0,2%
Passenger Ships	650	3,6%	12	7,5%	83	30,0%	329	18,9%	1 073	5,3%
Offshore Vessels	890	4,9%			2	0,7%	159	9,1%	1 051	5,1%
Service Ships	659	3,6%	1	0,3%	18	6,5%	146	8,4%	824	4,0%
Tugs	59	0,3%	1	0,7%	2	0,7%	14	0,8%	76	0,4%
Leisure Vessels	50	0,3%					40	2,3%	90	0,4%
Total	18 249	100%	155	100%	277	100%	1 740	100%	20 421	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Graph 35 - Total number of 0-4 years old medium ships, by class - 2005**Graph 36 - Gross tonnage (in 1000 t) of 0-4 years old medium ships, by class - 2005**

0-4 YEARS OLD LARGE SHIPS

Table 37 - Total number of 0-4 years old large⁽¹⁾ ships, by type and class - 2005

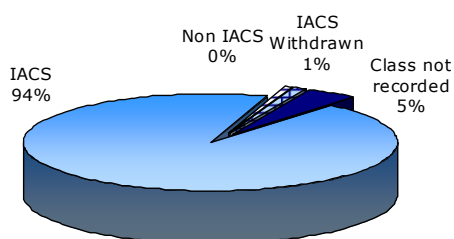
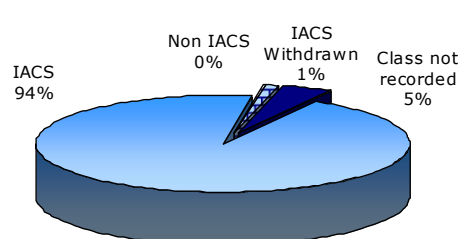
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	18	1,1%					1	1,3%	19	1,1%
Specialized Cargo Ships	1	0,1%							1	0,1%
Container Ships	301	18,7%	4	66,7%	4	21,1%	20	25,6%	329	19,2%
Ro-Ro Cargo Ships	74	4,6%			1	5,3%	3	3,8%	78	4,6%
Bulk Carriers	648	40,2%			12	63,2%	27	34,6%	687	40,1%
Oil and Chemical Tankers	465	28,9%	2	33,3%	2	10,5%	24	30,8%	493	28,8%
Gas Tankers	32	2,0%							32	1,9%
Other Tankers	2	0,1%							2	0,1%
Passenger Ships	66	4,1%					2	2,6%	68	4,0%
Offshore Vessels	3	0,2%					1	1,3%	4	0,2%
Service Ships										
Tugs										
Leisure Vessels										
Total	1 610	100%	6	100%	19	100%	78	100%	1 713	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Table 38 - Gross tonnage (in 1000 t) of 0-4 years old large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	584	1,0%					30	1,0%	613	1,0%
Specialized Cargo Ships	30	0,0%							30	0,0%
Container Ships	11 379	18,9%	171	73,5%	150	22,0%	729	25,0%	12 429	19,4%
Ro-Ro Cargo Ships	3 558	5,9%			34	5,0%	139	4,8%	3 731	5,8%
Bulk Carriers	22 709	37,7%			411	60,4%	994	34,1%	24 115	37,6%
Oil and Chemical Tankers	18 112	30,0%	62	26,5%	86	12,6%	919	31,6%	19 179	29,9%
Gas Tankers	1 353	2,2%							1 353	2,1%
Other Tankers	66	0,1%							66	0,1%
Passenger Ships	2 382	3,9%					64	2,2%	2 445	3,8%
Offshore Vessels	125	0,2%					36	1,2%	162	0,3%
Service Ships										
Tugs										
Leisure Vessels										
Total	60 298	100%	232	100%	681	100%	2 912	100%	64 124	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Graph 37 - Total number of 0-4 years old large ships, by class - 2005**Graph 38 - Gross tonnage (in 1000 t) of 0-4 years old large ships, by class - 2005**

0-4 YEARS OLD VERY LARGE SHIPS

Table 39 - Total number of 0-4 years old very large⁽¹⁾ ships, by type and class - 2005

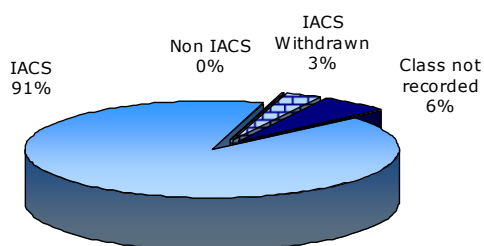
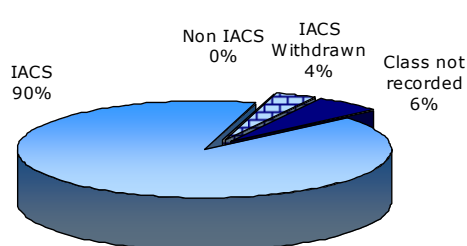
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	190	25,7%			1	4,0%	18	36,0%	209	25,6%
Ro-Ro Cargo Ships	19	2,6%					1	2,0%	20	2,5%
Bulk Carriers	142	19,2%			4	16,0%	5	10,0%	151	18,5%
Oil and Chemical Tankers	286	38,7%	1	100%	17	68,0%	15	30,0%	319	39,1%
Gas Tankers	53	7,2%					4	8,0%	57	7,0%
Other Tankers										
Passenger Ships	36	4,9%			3	12,0%			39	4,8%
Offshore Vessels	6	0,8%					7	14,0%	13	1,6%
Service Ships	7	0,9%							7	0,9%
Tugs										
Leisure Vessels										
Total	739	100%	1	100%	25	100%	50	100%	815	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Table 40 - Gross tonnage (in 1000 t) of 0-4 years old very large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	14 156	19,9%			65	2,3%	1 497	32,7%	15 718	20,0%
Ro-Ro Cargo Ships	1 179	1,7%					63	1,4%	1 242	1,6%
Bulk Carriers	12 805	18,0%			338	12,2%	475	10,4%	13 618	17,3%
Oil and Chemical Tankers	32 916	46,2%	84	100%	2 025	73,4%	1 531	33,4%	36 556	46,5%
Gas Tankers	5 326	7,5%					381	8,3%	5 707	7,3%
Other Tankers										
Passenger Ships	3 443	4,8%			332	12,0%			3 775	4,8%
Offshore Vessels	894	1,3%					634	13,8%	1 528	1,9%
Service Ships	496	0,7%							496	0,6%
Tugs										
Leisure Vessels										
Total	71 215	100%	84	100%	2 759	100%	4 580	100%	78 639	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Graph 39 - Total number of 0-4 years old very large ships, by class - 2005**Graph 40 - Gross tonnage (in 1000 t) of 0-4 years old very large ships, by class - 2005**

5-14 YEARS OLD SHIPS

Table 41 - World fleet, total number of 5-14 years old ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 792	18,2%	179	35,9%	68	13,6%	1 101	28,6%	3 140	21,4%
Specialized Cargo Ships	14	0,1%					5	0,1%	19	0,1%
Container Ships	1 318	13,4%	4	0,8%	13	2,6%	20	0,5%	1 355	9,2%
Ro-Ro Cargo Ships	334	3,4%	1	0,2%	11	2,2%	16	0,4%	362	2,5%
Bulk Carriers	1 617	16,4%	5	1,0%	36	7,2%	171	4,4%	1 829	12,4%
Oil and Chemical Tankers	1 904	19,3%	33	6,6%	64	12,8%	534	13,9%	2 535	17,2%
Gas Tankers	349	3,5%			6	1,2%	8	0,2%	363	2,5%
Other Tankers	36	0,4%	1	0,2%	5	1,0%	22	0,6%	64	0,4%
Passenger Ships	633	6,4%	78	15,6%	102	20,4%	675	17,6%	1 488	10,1%
Offshore Vessels	386	3,9%	6	1,2%	2	0,4%	71	1,8%	465	3,2%
Service Ships	282	2,9%	14	2,8%	28	5,6%	257	6,7%	581	4,0%
Tugs	1 141	11,6%	169	33,9%	157	31,5%	888	23,1%	2 355	16,0%
Leisure Vessels	55	0,6%	9	1,8%	7	1,4%	76	2,0%	147	1,0%
Total	9 861	100%	499	100%	499	100%	3 844	100%	14 703	100%

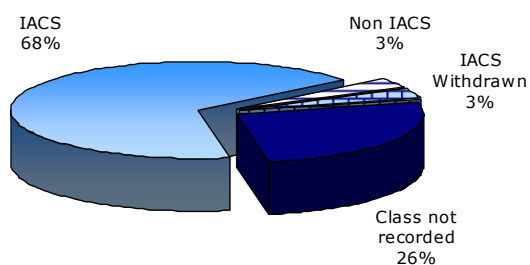
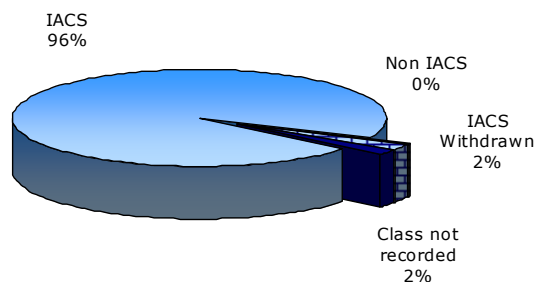
Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Table 42 - World fleet, gross tonnage (in 1000 t) of ships 5-14 years old, by type and class - 2005

Classification societies : World fleet - Gross tonnage of 5-14 years ships (in 1000 tons), by type - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	11 161	5,5%	173	22,9%	239	5,4%	694	15,9%	12 266	5,8%
Specialized Cargo Ships	97	0,0%					11	0,3%	108	0,1%
Container Ships	33 083	16,3%	55	7,3%	311	7,0%	162	3,7%	33 611	15,9%
Ro-Ro Cargo Ships	8 621	4,3%	1	0,1%	242	5,5%	52	1,2%	8 915	4,2%
Bulk Carriers	58 377	28,8%	135	17,9%	1 608	36,3%	436	10,0%	60 557	28,6%
Oil and Chemical Tankers	71 178	35,2%	153	20,2%	1 478	33,4%	646	14,8%	73 455	34,7%
Gas Tankers	8 372	4,1%			83	1,9%	54	1,2%	8 509	4,0%
Other Tankers	105	0,1%			30	0,7%	9	0,2%	144	0,1%
Passenger Ships	7 307	3,6%	177	23,5%	301	6,8%	971	22,3%	8 756	4,1%
Offshore Vessels	2 594	1,3%	2	0,2%	61	1,4%	645	14,8%	3 302	1,6%
Service Ships	1 135	0,6%	25	3,3%	40	0,9%	455	10,4%	1 654	0,8%
Tugs	382	0,2%	33	4,4%	32	0,7%	182	4,2%	628	0,3%
Leisure Vessels	35	0,0%	1	0,2%	2	0,0%	39	0,9%	78	0,0%
Total	202 446	100%	754	100%	4 426	100%	4 357	100%	211 983	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Graph 41 - World fleet : total number of 5-14 years old ships, by class - 2005**Graph 42 - World fleet : gross tonnage (in 1000 t) of 5-14 years old of ships, by class - 2005**

5-14 YEARS OLD SMALL SHIPS

Table 43 - Total number of 5-14 years old small⁽¹⁾ ships, by type and class - 2005

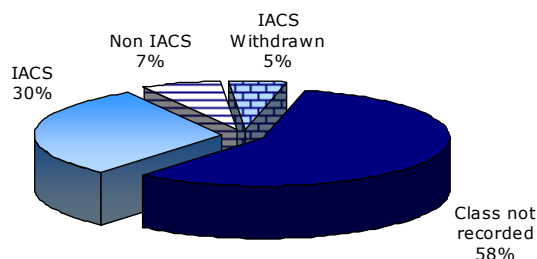
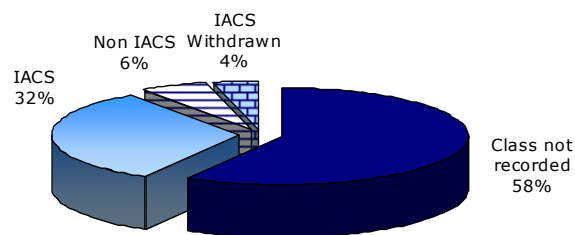
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	56	3,5%	127	34,2%	8	3,0%	879	28,9%	1 070	20,3%
Specialized Cargo Ships							1	0,0%	1	0,0%
Container Ships										
Ro-Ro Cargo Ships	6	0,4%					2	0,1%	8	0,2%
Bulk Carriers	1	0,1%					119	3,9%	120	2,3%
Oil and Chemical Tankers	74	4,6%	12	3,2%	14	5,3%	432	14,2%	532	10,1%
Gas Tankers	3	0,2%					2	0,1%	5	0,1%
Other Tankers	5	0,3%	1	0,3%	1	0,4%	16	0,5%	23	0,4%
Passenger Ships	235	14,6%	41	11,1%	63	23,9%	461	15,2%	800	15,1%
Offshore Vessels	40	2,5%	5	1,3%			45	1,5%	90	1,7%
Service Ships	104	6,5%	8	2,2%	17	6,4%	140	4,6%	269	5,1%
Tugs	1 056	65,5%	168	45,3%	155	58,7%	878	28,9%	2 257	42,7%
Leisure Vessels	31	1,9%	9	2,4%	6	2,3%	62	2,0%	108	2,0%
Total	1 611	100%	371	100%	264	100%	3 037	100%	5 283	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Table 44 - Gross tonnage (in 1000 t) of 5-14 years old small⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	22	4,7%	36	41,9%	3	5,1%	308	36,4%	369	25,4%
Specialized Cargo Ships							0	0,1%	0	0,0%
Container Ships										
Ro-Ro Cargo Ships	3	0,6%					1	0,1%	4	0,2%
Bulk Carriers	0	0,1%					49	5,8%	50	3,4%
Oil and Chemical Tankers	29	6,3%	3	3,9%	5	9,2%	134	15,9%	172	11,9%
Gas Tankers	1	0,2%					0	0,1%	2	0,1%
Other Tankers	1	0,3%	0	0,4%	0	0,2%	4	0,5%	6	0,4%
Passenger Ships	67	14,6%	10	11,5%	17	28,4%	107	12,7%	202	13,9%
Offshore Vessels	10	2,2%	1	0,8%			16	1,9%	27	1,9%
Service Ships	30	6,4%	2	2,3%	3	5,7%	37	4,3%	71	4,9%
Tugs	290	62,7%	32	37,5%	29	49,0%	171	20,2%	522	35,9%
Leisure Vessels	8	1,8%	1	1,7%	1	2,5%	16	1,9%	27	1,9%
Total	462	100%	87	100%	59	100%	845	100%	1 452	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Graph 43 - Total number of 5-14 years old small ships, by class - 2005**Graph 44 - Gross tonnage (in 1000 t) of 5-14 years old small ships, by class - 2005**

5-14 YEARS OLD MEDIUM SHIPS

Table 45 - Total number of 5-14 years old medium⁽¹⁾ ships, by type and class - 2005

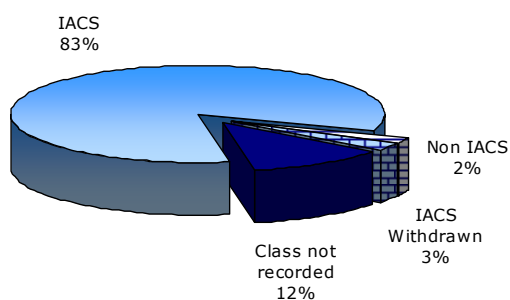
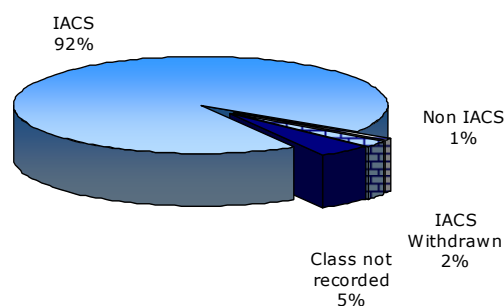
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 664	30,7%	52	42,3%	60	33,7%	222	28,4%	1 998	30,7%
Specialized Cargo Ships	14	0,3%					4	0,5%	18	0,3%
Container Ships	829	15,3%	3	2,4%	9	5,1%	19	2,4%	860	13,2%
Ro-Ro Cargo Ships	198	3,7%	1	0,8%	7	3,9%	14	1,8%	220	3,4%
Bulk Carriers	514	9,5%	3	2,4%	10	5,6%	45	5,8%	572	8,8%
Oil and Chemical Tankers	1 020	18,8%	20	16,3%	33	18,5%	98	12,5%	1 171	18,0%
Gas Tankers	255	4,7%			5	2,8%	5	0,6%	265	4,1%
Other Tankers	31	0,6%			4	2,2%	6	0,8%	41	0,6%
Passenger Ships	300	5,5%	36	29,3%	35	19,7%	213	27,3%	584	9,0%
Offshore Vessels	317	5,8%	1	0,8%	1	0,6%	18	2,3%	337	5,2%
Service Ships	173	3,2%	6	4,9%	11	6,2%	113	14,5%	303	4,7%
Tugs	85	1,6%	1	0,8%	2	1,1%	10	1,3%	98	1,5%
Leisure Vessels	24	0,4%			1	0,6%	14	1,8%	39	0,6%
Total	5 424	100%	123	100%	178	100%	781	100%	6 506	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Table 46 - Gross tonnage (in 1000 t) of 5-14 years old medium⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	8 955	22,0%	136	30,8%	236	27,6%	386	19,0%	9 714	22,0%
Specialized Cargo Ships	97	0,2%					11	0,5%	107	0,2%
Container Ships	10 134	24,8%	25	5,7%	134	15,7%	122	6,0%	10 414	23,6%
Ro-Ro Cargo Ships	2 148	5,3%	1	0,1%	61	7,1%	51	2,5%	2 260	5,1%
Bulk Carriers	7 337	18,0%	23	5,3%	139	16,2%	141	6,9%	7 640	17,3%
Oil and Chemical Tankers	6 900	16,9%	96	21,6%	92	10,8%	114	5,6%	7 202	16,3%
Gas Tankers	1 407	3,4%			39	4,6%	13	0,6%	1 459	3,3%
Other Tankers	103	0,3%			30	3,5%	5	0,2%	138	0,3%
Passenger Ships	1 916	4,7%	138	31,1%	71	8,4%	819	40,3%	2 945	6,7%
Offshore Vessels	740	1,8%	1	0,2%	14	1,6%	39	1,9%	793	1,8%
Service Ships	928	2,3%	23	5,1%	36	4,2%	298	14,7%	1 285	2,9%
Tugs	92	0,2%	1	0,2%	2	0,3%	11	0,5%	107	0,2%
Leisure Vessels	27	0,1%			1	0,1%	23	1,1%	51	0,1%
Total	40 784	100%	443	100%	855	100%	2 033	100%	44 115	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Graph 45 - Total number of 5-14 years old medium ships, by class - 2005**Graph 46 - Gross tonnage (in 1000 t) of 5-14 years old medium ships, by class - 2005**

5-14 YEARS OLD LARGE SHIPS

Table 47 - Total number of 5-14 years old large⁽¹⁾ ships, by type and class - 2005

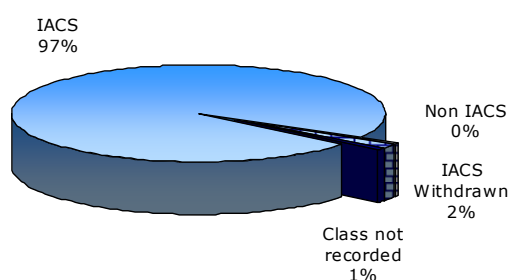
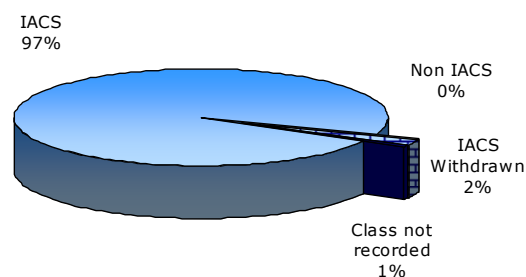
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	72	3,7%							72	3,6%
Specialized Cargo Ships									0	0,0%
Container Ships	380	19,3%	1	25,0%	4	11,1%	1	5,9%	386	19,1%
Ro-Ro Cargo Ships	122	6,2%			4	11,1%			126	6,2%
Bulk Carriers	836	42,5%	1	25,0%	15	41,7%	6	35,3%	858	42,4%
Oil and Chemical Tankers	439	22,3%	1	25,0%	10	27,8%			450	22,2%
Gas Tankers	40	2,0%			1	2,8%	1	5,9%	42	2,1%
Other Tankers									0	0,0%
Passenger Ships	59	3,0%	1	25,0%	1	2,8%	1	5,9%	62	3,1%
Offshore Vessels	13	0,7%			1	2,8%	4	23,5%	18	0,9%
Service Ships	5	0,3%					4	23,5%	9	0,4%
Tugs										
Leisure Vessels										
Total	1 966	100%	4	100%	36	100%	17	100%	2 023	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Table 48 - Gross tonnage (in 1000 t) of 5-14 years old large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 184	2,9%							2 184	2,8%
Specialized Cargo Ships										
Container Ships	15 221	20,2%	30	19,7%	177	12,3%	40	6,7%	15 468	20,0%
Ro-Ro Cargo Ships	5 927	7,9%			181	12,6%			6 108	7,9%
Bulk Carriers	28 808	38,3%	39	25,6%	474	32,9%	169	27,9%	29 490	38,1%
Oil and Chemical Tankers	18 445	24,5%	54	35,3%	490	34,0%			18 988	24,5%
Gas Tankers	1 715	2,3%			44	3,0%	41	6,7%	1 800	2,3%
Other Tankers										
Passenger Ships	2 149	2,9%	29	19,4%	28	2,0%	44	7,3%	2 251	2,9%
Offshore Vessels	620	0,8%			47	3,3%	191	31,5%	858	1,1%
Service Ships	178	0,2%					120	19,8%	298	0,4%
Tugs										
Leisure Vessels										
Total	75 246	100%	152	100%	1 442	100%	605	100%	77 445	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Graph 47 - Total number of 5-14 years old large ships, by class - 2005**Graph 48 - Gross tonnage (in 1000 t) of 5-14 years old large ships, by class - 2005**

5-14 YEARS OLD VERY LARGE SHIPS

Table 49 - Total number of 5-14 years old very large⁽¹⁾ ships, by type and class - 2005

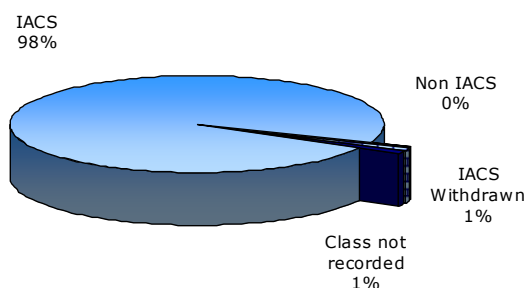
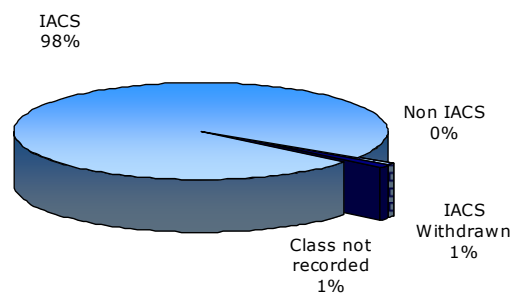
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	109	12,7%							109	12,2%
Ro-Ro Cargo Ships	8	0,9%							8	0,9%
Bulk Carriers	266	30,9%	1	100%	11	52,4%	1	11,1%	279	31,3%
Oil and Chemical Tankers	371	43,1%			7	33,3%	4	44,4%	382	42,9%
Gas Tankers	51	5,9%							51	5,7%
Other Tankers										
Passenger Ships	39	4,5%			3	14,3%			42	4,7%
Offshore Vessels	16	1,9%					4	44,4%	20	2,2%
Service Ships										
Tugs										
Leisure Vessels										
Total	860	100%	1	100%	21	100%	9	100%	891	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Table 50 - Gross tonnage (in 1000 t) of 5-14 years old very large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	7 728	9,0%							7 728	8,7%
Ro-Ro Cargo Ships	543	0,6%							543	0,6%
Bulk Carriers	22 231	25,9%	73	100%	995	48,1%	77	8,8%	23 377	26,3%
Oil and Chemical Tankers	45 804	53,3%			890	43,0%	398	45,5%	47 093	52,9%
Gas Tankers	5 249	6,1%							5 249	5,9%
Other Tankers										
Passenger Ships	3 175	3,7%			184	8,9%			3 358	3,8%
Offshore Vessels	1 224	1,4%					399	45,6%	1 623	1,8%
Service Ships										
Tugs										
Leisure Vessels										
Total	85 955	100%	73	100%	2 070	100%	874	100%	88 972	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Graph 49 - Total number of 5-14 years old very large ships, by class - 2005**Graph 50 - Gross tonnage (in 1000 t) of 5-14 years old very large ships, by class - 2005**

15-24 YEARS OLD SHIPS

Table 51 - World fleet, total number of 15-24 years old ships, by type and class - 2005

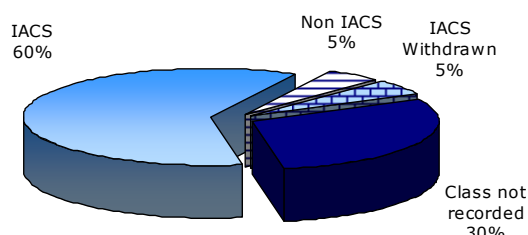
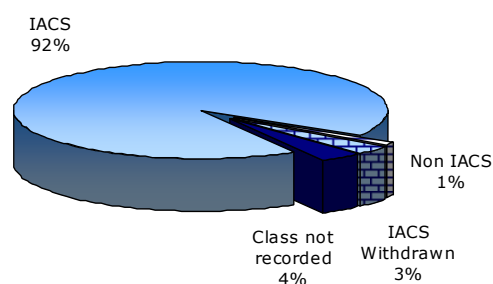
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 239	24,2%	391	53,1%	234	29,6%	1 393	30,5%	4 257	27,7%
Specialized Cargo Ships	44	0,5%	1	0,1%	1	0,1%	9	0,2%	55	0,4%
Container Ships	514	5,6%	6	0,8%	9	1,1%	9	0,2%	538	3,5%
Ro-Ro Cargo Ships	374	4,0%	5	0,7%	11	1,4%	29	0,6%	419	2,7%
Bulk Carriers	1 685	18,2%	27	3,7%	96	12,1%	254	5,6%	2 062	13,4%
Oil and Chemical Tankers	1 496	16,2%	53	7,2%	126	15,9%	595	13,0%	2 270	14,8%
Gas Tankers	234	2,5%	1	0,1%	12	1,5%	16	0,3%	263	1,7%
Other Tankers	34	0,4%	1	0,1%	5	0,6%	40	0,9%	80	0,5%
Passenger Ships	451	4,9%	100	13,6%	80	10,1%	736	16,1%	1 367	8,9%
Offshore Vessels	878	9,5%	12	1,6%	36	4,6%	151	3,3%	1 077	7,0%
Service Ships	479	5,2%	35	4,7%	69	8,7%	546	11,9%	1 129	7,3%
Tugs	777	8,4%	102	13,8%	108	13,7%	760	16,6%	1 747	11,4%
Leisure Vessels	54	0,6%	3	0,4%	4	0,5%	36	0,8%	97	0,6%
Total	9 259	100%	737	100%	791	100%	4 574	100%	15 361	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Table 52 - World fleet, gross tonnage (in 1000 t) of ships 15-24 years old, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	12 492	9,5%	653	36,4%	904	19,0%	1 472	29,3%	15 521	10,9%
Specialized Cargo Ships	477	0,4%	1	0,1%	2	0,0%	9	0,2%	490	0,3%
Container Ships	12 668	9,7%	26	1,4%	118	2,5%	64	1,3%	12 876	9,0%
Ro-Ro Cargo Ships	9 762	7,4%	52	2,9%	74	1,6%	98	2,0%	9 986	7,0%
Bulk Carriers	52 673	40,2%	455	25,4%	2 244	47,1%	1 188	23,7%	56 560	39,6%
Oil and Chemical Tankers	31 086	23,7%	322	18,0%	1 137	23,9%	520	10,4%	33 065	23,2%
Gas Tankers	4 158	3,2%	0	0,0%	11	0,2%	18	0,4%	4 188	2,9%
Other Tankers	138	0,1%	1	0,1%	12	0,2%	19	0,4%	170	0,1%
Passenger Ships	4 061	3,1%	191	10,6%	77	1,6%	605	12,0%	4 935	3,5%
Offshore Vessels	1 529	1,2%	14	0,8%	36	0,8%	332	6,6%	1 911	1,3%
Service Ships	1 780	1,4%	53	3,0%	119	2,5%	507	10,1%	2 459	1,7%
Tugs	311	0,2%	23	1,3%	29	0,6%	177	3,5%	541	0,4%
Leisure Vessels	28	0,0%	1	0,1%	1	0,0%	12	0,2%	42	0,0%
Total	131 165	100%	1 791	100%	4 764	100%	5 022	100%	142 742	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Graph 51 - World fleet : total number of 15-24 years old ships, by class - 2005**Graph 52 - World fleet : gross tonnage (in 1000 t) of 15-24 years old of ships, by class - 2005**

15-24 YEARS OLD SMALL SHIPS

Table 53 - Total number of 15-24 years old small⁽¹⁾ ships, by type and class - 2005

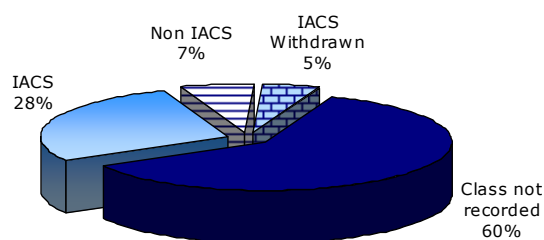
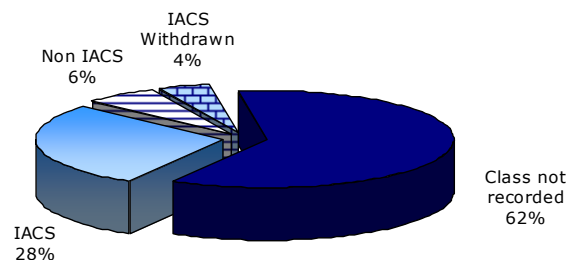
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	76	5,2%	167	47,4%	22	8,5%	897	27,8%	1 162	21,9%
Specialized Cargo Ships	1	0,1%					3	0,1%	4	0,1%
Container Ships										
Ro-Ro Cargo Ships							5	0,2%	5	0,1%
Bulk Carriers	2	0,1%	2	0,6%	3	1,2%	164	5,1%	171	3,2%
Oil and Chemical Tankers	84	5,7%	15	4,3%	26	10,1%	393	12,2%	518	9,8%
Gas Tankers	4	0,3%	1	0,3%	2	0,8%	8	0,2%	15	0,3%
Other Tankers	4	0,3%					31	1,0%	35	0,7%
Passenger Ships	175	12,0%	55	15,6%	58	22,5%	495	15,4%	783	14,8%
Offshore Vessels	245	16,7%	2	0,6%	16	6,2%	88	2,7%	351	6,6%
Service Ships	169	11,5%	7	2,0%	28	10,9%	384	11,9%	588	11,1%
Tugs	666	45,5%	101	28,7%	99	38,4%	723	22,4%	1 589	30,0%
Leisure Vessels	38	2,6%	2	0,6%	4	1,6%	30	0,9%	74	1,4%
Total	1 464	100%	352	100%	258	100%	3 221	100%	5 295	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Table 54 - Gross tonnage (in 1000 t) of 15-24 years old small⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	22	5,4%	47	50,2%	5	8,2%	269	30,6%	343	23,7%
Specialized Cargo Ships	0	0,1%					1	0,1%	1	0,1%
Container Ships										
Ro-Ro Cargo Ships							2	0,2%	2	0,1%
Bulk Carriers	1	0,2%	1	1,0%	1	1,9%	67	7,6%	70	4,8%
Oil and Chemical Tankers	32	7,8%	5	5,8%	10	15,1%	110	12,5%	157	10,8%
Gas Tankers	2	0,4%	0	0,5%	1	1,5%	3	0,3%	6	0,4%
Other Tankers	1	0,3%					8	1,0%	9	0,7%
Passenger Ships	49	11,9%	15	15,9%	14	21,2%	117	13,3%	194	13,4%
Offshore Vessels	74	18,1%	0	0,5%	5	7,4%	24	2,7%	103	7,1%
Service Ships	43	10,6%	1	1,4%	7	10,8%	122	13,9%	174	12,0%
Tugs	175	42,6%	22	24,2%	21	32,3%	150	17,0%	368	25,4%
Leisure Vessels	11	2,7%	0	0,5%	1	1,5%	7	0,8%	19	1,3%
Total	410	100%	93	100%	65	100%	879	100%	1 447	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Graph 53 - Total number of 15-24 years old small ships, by class - 2005**Graph 54 - Gross tonnage (in 1000 t) of 15-24 years old small ships, by class - 2005**

15-24 YEARS OLD MEDIUM SHIPS

Table 55 - Total number of 15-24 years old medium⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 107	35,0%	224	59,9%	212	43,7%	496	37,0%	3 039	37,0%
Specialized Cargo Ships	38	0,6%	1	0,3%	1	0,2%	6	0,4%	46	0,6%
Container Ships	291	4,8%	6	1,6%	7	1,4%	9	0,7%	313	3,8%
Ro-Ro Cargo Ships	183	3,0%	5	1,3%	11	2,3%	24	1,8%	223	2,7%
Bulk Carriers	913	15,2%	20	5,3%	65	13,4%	82	6,1%	1 080	13,2%
Oil and Chemical Tankers	1 008	16,8%	33	8,8%	82	16,9%	201	15,0%	1 324	16,1%
Gas Tankers	183	3,0%			10	2,1%	8	0,6%	201	2,4%
Other Tankers	30	0,5%	1	0,3%	5	1,0%	9	0,7%	45	0,5%
Passenger Ships	212	3,5%	44	11,8%	22	4,5%	241	18,0%	519	6,3%
Offshore Vessels	625	10,4%	10	2,7%	20	4,1%	59	4,4%	714	8,7%
Service Ships	297	4,9%	28	7,5%	41	8,5%	161	12,0%	527	6,4%
Tugs	111	1,8%	1	0,3%	9	1,9%	37	2,8%	158	1,9%
Leisure Vessels	16	0,3%	1	0,3%			6	0,4%	23	0,3%
Total	6 014	100%	374	100%	485	100%	1 339	100%	8 212	100%

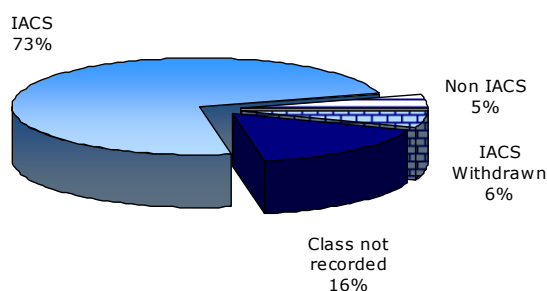
Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Table 56 - Gross tonnage (in 1000 t) of 15-24 years old medium⁽¹⁾ ships, by type and class - 2005

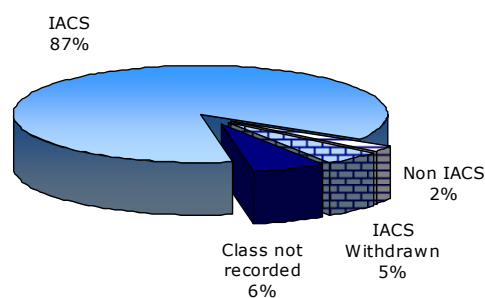
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	10 913	24,1%	606	48,2%	899	34,5%	1 203	35,7%	13 621	25,9%
Specialized Cargo Ships	304	0,7%	1	0,1%	2	0,1%	8	0,2%	315	0,6%
Container Ships	3 729	8,2%	26	2,0%	54	2,1%	64	1,9%	3 873	7,4%
Ro-Ro Cargo Ships	1 705	3,8%	52	4,1%	74	2,8%	97	2,9%	1 927	3,7%
Bulk Carriers	15 501	34,2%	293	23,3%	1 054	40,5%	664	19,7%	17 511	33,3%
Oil and Chemical Tankers	8 029	17,7%	68	5,4%	284	10,9%	330	9,8%	8 711	16,6%
Gas Tankers	1 017	2,2%			10	0,4%	16	0,5%	1 042	2,0%
Other Tankers	137	0,3%	1	0,1%	12	0,4%	11	0,3%	161	0,3%
Passenger Ships	1 612	3,6%	146	11,6%	64	2,4%	488	14,5%	2 310	4,4%
Offshore Vessels	1 047	2,3%	13	1,1%	31	1,2%	105	3,1%	1 197	2,3%
Service Ships	1 227	2,7%	52	4,1%	111	4,3%	348	10,3%	1 739	3,3%
Tugs	136	0,3%	1	0,1%	8	0,3%	28	0,8%	173	0,3%
Leisure Vessels	17	0,0%	1	0,1%			4	0,1%	22	0,0%
Total	45 372	100%	1 258	100%	2 604	100%	3 367	100%	52 602	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Graph 55 - Total number of 15-24 years old medium ships, by class - 2005



Graph 56 - Gross tonnage (in 1000 t) of 15-24 years old medium ships, by class - 2005



15-24 YEARS OLD LARGE SHIPS

Table 57 - Total number of 15-24 years old large⁽¹⁾ ships, by type and class - 2005

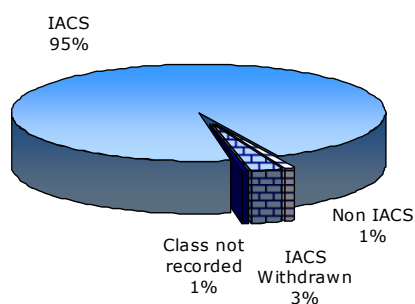
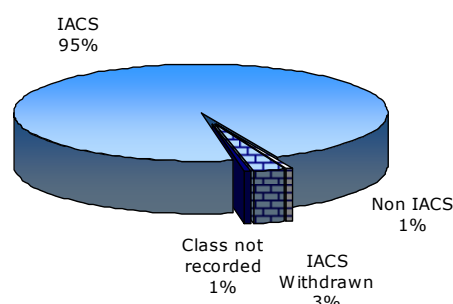
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	56	3,8%							56	3,7%
Specialized Cargo Ships	5	0,3%							5	0,3%
Container Ships	218	14,9%			2	4,7%			220	14,4%
Ro-Ro Cargo Ships	188	12,9%							188	12,3%
Bulk Carriers	578	39,6%	5	50,0%	24	55,8%	5	55,6%	612	40,2%
Oil and Chemical Tankers	310	21,2%	4	40,0%	17	39,5%			331	21,7%
Gas Tankers	26	1,8%							26	1,7%
Other Tankers										
Passenger Ships	60	4,1%	1	10,0%					61	4,0%
Offshore Vessels	7	0,5%					3	33,3%	10	0,7%
Service Ships	13	0,9%					1	11,1%	14	0,9%
Tugs										
Leisure Vessels										
Total	1 461	100%	10	100%	43	100%	9	100%	1 523	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Table 58 - Gross tonnage (in 1000 t) of 15-24 years old large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	1 557	2,8%							1 557	2,7%
Specialized Cargo Ships	173	0,3%							173	0,3%
Container Ships	8 629	15,7%			64	4,2%			8 693	15,2%
Ro-Ro Cargo Ships	7 857	14,3%							7 857	13,8%
Bulk Carriers	20 180	36,8%	161	44,4%	762	50,3%	193	56,2%	21 296	37,3%
Oil and Chemical Tankers	12 318	22,5%	172	47,3%	690	45,5%			13 179	23,1%
Gas Tankers	1 135	2,1%							1 135	2,0%
Other Tankers										
Passenger Ships	2 124	3,9%	30	8,3%					2 154	3,8%
Offshore Vessels	346	0,6%					114	33,1%	460	0,8%
Service Ships	510	0,9%					36	10,6%	546	1,0%
Tugs										
Leisure Vessels										
Total	54 829	100%	363	100%	1 516	100%	343	100%	57 051	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Graph 57 - Total number of 15-24 years old large ships, by class - 2005**Graph 58 - Gross tonnage (in 1000 t) of 15-24 years old large ships, by class - 2005**

15-24 YEARS OLD VERY LARGE SHIPS

Table 59 - Total number of 15-24 years old very large⁽¹⁾ ships, by type and class - 2005

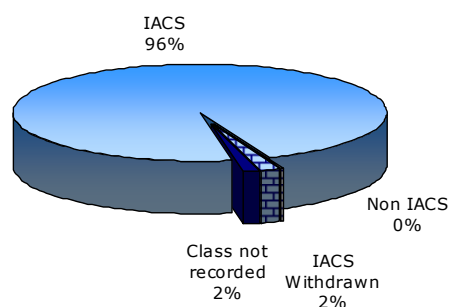
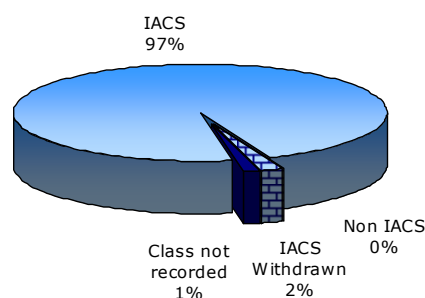
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	5	1,6%							5	1,5%
Ro-Ro Cargo Ships	3	0,9%							3	0,9%
Bulk Carriers	192	60,0%			4	80,0%	3	60,0%	199	60,1%
Oil and Chemical Tankers	94	29,4%	1	100%	1	20,0%	1	20,0%	97	29,3%
Gas Tankers	21	6,6%							21	6,3%
Other Tankers										
Passenger Ships	4	1,3%							4	1,2%
Offshore Vessels	1	0,3%					1	20,0%	2	0,6%
Service Ships										
Tugs										
Leisure Vessels										
Total	320	100%	1	100%	5	100%	5	100%	331	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Table 60 - Gross tonnage (in 1000 t) of 15-24 years old very large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	310	1,0%							310	1,0%
Ro-Ro Cargo Ships	200	0,7%							200	0,6%
Bulk Carriers	16 992	55,6%			426	73,7%	264	60,9%	17 682	55,9%
Oil and Chemical Tankers	10 708	35,0%	78	100%	152	26,3%	80	18,4%	11 018	34,8%
Gas Tankers	2 005	6,6%							2 005	6,3%
Other Tankers										
Passenger Ships	277	0,9%							277	0,9%
Offshore Vessels	62	0,2%					89	20,7%	151	0,5%
Service Ships										
Tugs										
Leisure Vessels										
Total	30 553	100%	78	100%	579	100%	433	100%	31 643	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Graph 59 - Total number of 15-24 years old very large ships, by class - 2005**Graph 60 - Gross tonnage (in 1000 t) of 15-24 years old very large ships, by class - 2005**

25+ YEARS OLD SHIPS

Table 61 - World fleet, total number of 25+ years old ships, by type and class - 2005

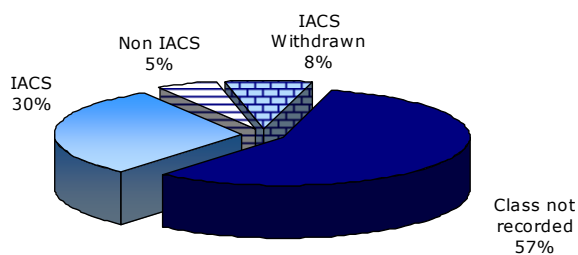
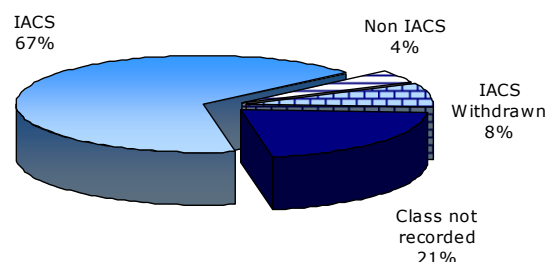
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 871	25,7%	583	47,4%	687	38,2%	4 533	33,1%	7 674	32,0%
Specialized Cargo Ships	44	0,6%	8	0,7%	12	0,7%	48	0,4%	112	0,5%
Container Ships	226	3,1%	11	0,9%	20	1,1%	38	0,3%	295	1,2%
Ro-Ro Cargo Ships	275	3,8%	18	1,5%	50	2,8%	98	0,7%	441	1,8%
Bulk Carriers	672	9,2%	89	7,2%	123	6,8%	450	3,3%	1 334	5,6%
Oil and Chemical Tankers	710	9,7%	175	14,2%	250	13,9%	1 717	12,6%	2 852	11,9%
Gas Tankers	157	2,2%	2	0,2%	40	2,2%	101	0,7%	300	1,3%
Other Tankers	57	0,8%	15	1,2%	19	1,1%	104	0,8%	195	0,8%
Passenger Ships	569	7,8%	119	9,7%	111	6,2%	1 546	11,3%	2 345	9,8%
Offshore Vessels	844	11,6%	35	2,8%	107	5,9%	640	4,7%	1 626	6,8%
Service Ships	506	6,9%	26	2,1%	112	6,2%	1 105	8,1%	1 749	7,3%
Tugs	1 204	16,5%	143	11,6%	258	14,3%	3 237	23,7%	4 842	20,2%
Leisure Vessels	156	2,1%	5	0,4%	11	0,6%	63	0,5%	235	1,0%
Total	7 291	100%	1 229	100%	1 800	100%	13 680	100%	24 000	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Table 62 - World fleet, gross tonnage (in 1000 t) of ships 25+ years old, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	9 211	16,8%	1 324	38,2%	1 927	29,5%	6 621	37,8%	19 083	23,2%
Specialized Cargo Ships	576	1,1%	19	0,5%	48	0,7%	56	0,3%	700	0,9%
Container Ships	4 698	8,6%	37	1,1%	92	1,4%	134	0,8%	4 961	6,0%
Ro-Ro Cargo Ships	4 498	8,2%	85	2,4%	233	3,6%	282	1,6%	5 098	6,2%
Bulk Carriers	11 151	20,4%	901	26,0%	1 849	28,3%	3 901	22,3%	17 803	21,7%
Oil and Chemical Tankers	8 587	15,7%	405	11,7%	1 034	15,8%	2 548	14,5%	12 574	15,3%
Gas Tankers	4 626	8,5%	4	0,1%	227	3,5%	175	1,0%	5 032	6,1%
Other Tankers	216	0,4%	32	0,9%	73	1,1%	46	0,3%	367	0,4%
Passenger Ships	3 452	6,3%	403	11,6%	265	4,1%	1 295	7,4%	5 416	6,6%
Offshore Vessels	5 854	10,7%	184	5,3%	589	9,0%	484	2,8%	7 112	8,7%
Service Ships	1 373	2,5%	38	1,1%	119	1,8%	1 242	7,1%	2 771	3,4%
Tugs	419	0,8%	30	0,9%	66	1,0%	722	4,1%	1 237	1,5%
Leisure Vessels	20	0,0%	1	0,0%	2	0,0%	18	0,1%	41	0,1%
Total	54 682	100%	3 464	100%	6 526	100%	17 523	100%	82 195	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Graph 61 - World fleet : total number of 25+ years old ships, by class - 2005**Graph 62 - World fleet : gross tonnage (in 1000 t) of 25+ years old of ships, by class - 2005**

25+ YEARS OLD SMALL SHIPS

Table 63 - Total number of 25+ years old small⁽¹⁾ ships, by type and class - 2005

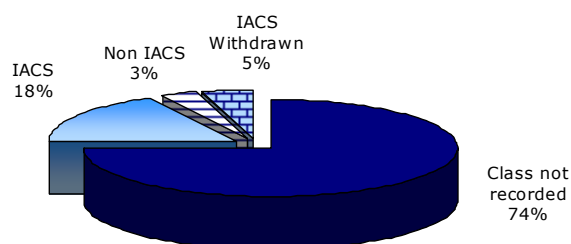
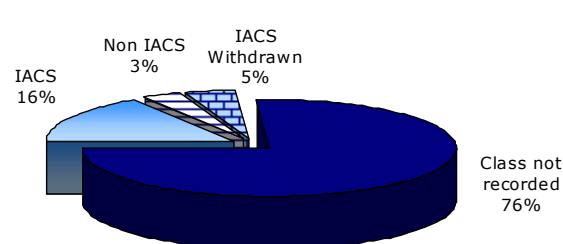
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	137	6,9%	120	34,6%	83	16,2%	2 185	25,8%	2 525	22,3%
Specialized Cargo Ships			1	0,3%	2	0,4%	22	0,3%	25	0,2%
Container Ships										
Ro-Ro Cargo Ships	2	0,1%	1	0,3%			16	0,2%	19	0,2%
Bulk Carriers	2	0,1%	3	0,9%	2	0,4%	135	1,6%	142	1,3%
Oil and Chemical Tankers	67	3,4%	19	5,5%	31	6,1%	784	9,3%	901	8,0%
Gas Tankers	1	0,1%			5	1,0%	21	0,2%	27	0,2%
Other Tankers	8	0,4%	5	1,4%	3	0,6%	77	0,9%	93	0,8%
Passenger Ships	169	8,5%	37	10,7%	47	9,2%	1 018	12,0%	1 271	11,2%
Offshore Vessels	230	11,6%	11	3,2%	39	7,6%	460	5,4%	740	6,5%
Service Ships	179	9,0%	5	1,4%	51	10,0%	587	6,9%	822	7,3%
Tugs	1 042	52,6%	140	40,3%	239	46,7%	3 106	36,7%	4 527	40,0%
Leisure Vessels	144	7,3%	5	1,4%	10	2,0%	53	0,6%	212	1,9%
Total	1 981	100%	347	100%	512	100%	8 464	100%	11 304	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Table 64 - Gross tonnage (in 1000 t) of 25+ years old small⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	42	9,1%	38	40,6%	26	20,7%	679	31,5%	786	27,6%
Specialized Cargo Ships			0	0,5%	1	0,6%	9	0,4%	10	0,3%
Container Ships										
Ro-Ro Cargo Ships	1	0,2%	0	0,3%			6	0,3%	7	0,2%
Bulk Carriers	0	0,1%	1	1,5%	1	0,6%	42	2,0%	45	1,6%
Oil and Chemical Tankers	23	4,9%	7	7,7%	11	8,7%	256	11,9%	297	10,5%
Gas Tankers	0	0,1%	0	0,0%	2	1,6%	7	0,3%	9	0,3%
Other Tankers	2	0,5%	1	1,5%	1	0,6%	21	1,0%	25	0,9%
Passenger Ships	44	9,6%	12	12,8%	11	8,4%	243	11,3%	310	10,9%
Offshore Vessels	68	14,8%	3	3,5%	10	7,8%	114	5,3%	195	6,8%
Service Ships	33	7,3%	1	0,9%	11	8,6%	147	6,8%	192	6,8%
Tugs	241	52,5%	28	29,7%	53	41,4%	626	29,0%	948	33,3%
Leisure Vessels	5	1,0%	1	1,2%	1	1,0%	11	0,5%	18	0,6%
Total	459	100%	94	100%	128	100%	2 160	100%	2 842	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Graph 63 - Total number of 25+ years old small ships, by class - 2005**Graph 64 - Gross tonnage (in 1000 t) of 25+ years old small ships, by class - 2005**

25+ YEARS OLD MEDIUM SHIPS

Table 65 - Total number of 25+ years old medium⁽¹⁾ ships, by type and class - 2005

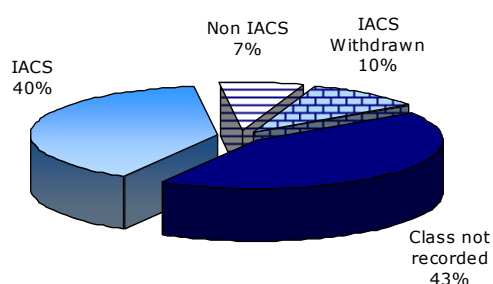
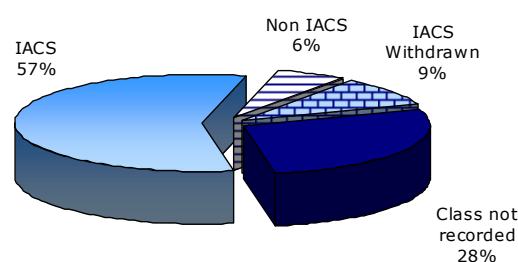
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 701	35,4%	463	52,8%	604	48,0%	2 348	45,2%	5 116	42,2%
Specialized Cargo Ships	32	0,7%	7	0,8%	10	0,8%	26	0,5%	75	0,6%
Container Ships	142	3,0%	11	1,3%	20	1,6%	38	0,7%	211	1,7%
Ro-Ro Cargo Ships	210	4,4%	17	1,9%	49	3,9%	82	1,6%	358	3,0%
Bulk Carriers	578	12,0%	84	9,6%	107	8,5%	298	5,7%	1 067	8,8%
Oil and Chemical Tankers	574	11,9%	156	17,8%	212	16,8%	930	17,9%	1 872	15,4%
Gas Tankers	80	1,7%	2	0,2%	33	2,6%	79	1,5%	194	1,6%
Other Tankers	48	1,0%	10	1,1%	16	1,3%	27	0,5%	101	0,8%
Passenger Ships	385	8,0%	81	9,2%	63	5,0%	526	10,1%	1 055	8,7%
Offshore Vessels	565	11,7%	22	2,5%	64	5,1%	178	3,4%	829	6,8%
Service Ships	320	6,7%	21	2,4%	61	4,8%	517	10,0%	919	7,6%
Tugs	162	3,4%	3	0,3%	19	1,5%	131	2,5%	315	2,6%
Leisure Vessels	12	0,2%			1	0,1%	10	0,2%	23	0,2%
Total	4 809	100%	877	100%	1 259	100%	5 190	100%	12 135	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Table 66 - Gross tonnage (in 1000 t) of 25+ years old medium⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	8 255	28,6%	1 286	41,4%	1 901	39,5%	5 941	41,9%	17 382	34,1%
Specialized Cargo Ships	196	0,7%	19	0,6%	48	1,0%	48	0,3%	310	0,6%
Container Ships	1 784	6,2%	37	1,2%	92	1,9%	134	0,9%	2 047	4,0%
Ro-Ro Cargo Ships	2 167	7,5%	84	2,7%	205	4,3%	276	1,9%	2 733	5,4%
Bulk Carriers	7 633	26,4%	831	26,7%	1 362	28,3%	3 283	23,1%	13 109	25,7%
Oil and Chemical Tankers	3 208	11,1%	398	12,8%	633	13,2%	2 015	14,2%	6 254	12,3%
Gas Tankers	367	1,3%	4	0,1%	42	0,9%	87	0,6%	500	1,0%
Other Tankers	184	0,6%	31	1,0%	72	1,5%	25	0,2%	312	0,6%
Passenger Ships	2 968	10,3%	364	11,7%	215	4,5%	999	7,0%	4 546	8,9%
Offshore Vessels	847	2,9%	17	0,5%	120	2,5%	226	1,6%	1 209	2,4%
Service Ships	1 076	3,7%	37	1,2%	108	2,2%	1 058	7,5%	2 280	4,5%
Tugs	178	0,6%	2	0,1%	13	0,3%	96	0,7%	289	0,6%
Leisure Vessels	15	0,1%			1	0,0%	8	0,1%	23	0,0%
Total	28 876	100%	3 109	100%	4 812	100%	14 196	100%	50 993	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Graph 65 - Total number of 25+ years old medium ships, by class - 2005**Graph 66 - Gross tonnage (in 1000 t) of 25+ years old medium ships, by class - 2005**

25+ YEARS OLD LARGE SHIPS

Table 67 - Total number of 25+ years old large⁽¹⁾ ships, by type and class - 2005

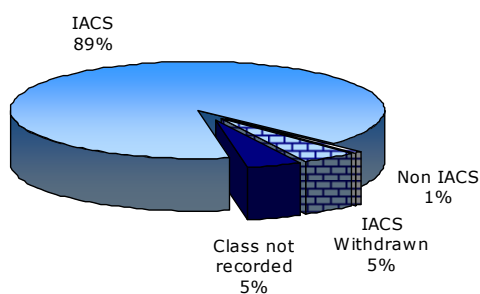
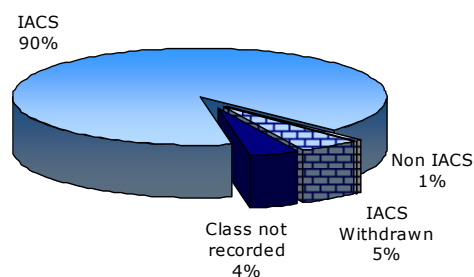
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	33	8,4%							33	7,5%
Specialized Cargo Ships	12	3,0%							12	2,7%
Container Ships	84	21,3%							84	19,0%
Ro-Ro Cargo Ships	63	15,9%			1	4,5%			64	14,5%
Bulk Carriers	84	21,3%	2	66,7%	14	63,6%	16	76,2%	116	26,3%
Oil and Chemical Tankers	35	8,9%			6	27,3%	2	9,5%	43	9,8%
Gas Tankers	52	13,2%							52	11,8%
Other Tankers	1	0,3%							1	0,2%
Passenger Ships	15	3,8%	1	33,3%	1	4,5%	2	9,5%	19	4,3%
Offshore Vessels	9	2,3%							9	2,0%
Service Ships	7	1,8%					1	4,8%	8	1,8%
Tugs										
Leisure Vessels										
Total	395	100%	3	100%	22	100%	21	100%	441	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Table 68 - Gross tonnage (in 1000 t) of 25+ years old large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	915	6,5%							915	5,8%
Specialized Cargo Ships	381	2,7%							381	2,4%
Container Ships	2 914	20,6%							2 914	18,6%
Ro-Ro Cargo Ships	2 330	16,5%			28	3,4%			2 358	15,0%
Bulk Carriers	2 902	20,6%	69	71,8%	486	59,7%	515	76,9%	3 973	25,3%
Oil and Chemical Tankers	1 482	10,5%			261	32,0%	65	9,7%	1 809	11,5%
Gas Tankers	2 118	15,0%							2 118	13,5%
Other Tankers	30	0,2%							30	0,2%
Passenger Ships	440	3,1%	27	28,2%	40	4,9%	53	7,9%	560	3,6%
Offshore Vessels	342	2,4%							342	2,2%
Service Ships	263	1,9%					36	5,4%	300	1,9%
Tugs										
Leisure Vessels										
Total	14 118	100%	97	100%	815	100%	670	100%	15 700	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Graph 67 - Total number of 25+ years old large ships, by class - 2005**Graph 68 - Gross tonnage (in 1000 t) of 25+ years old large ships, by class - 2005**

25+ YEARS OLD VERY LARGE SHIPS

Table 69 - Total number of 25+ years old very large⁽¹⁾ ships, by type and class - 2005

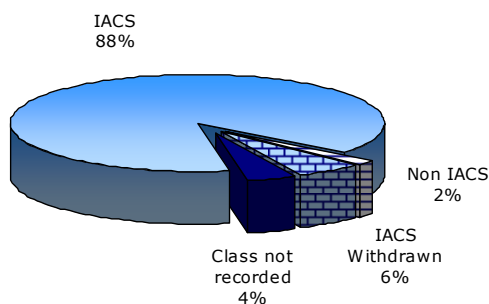
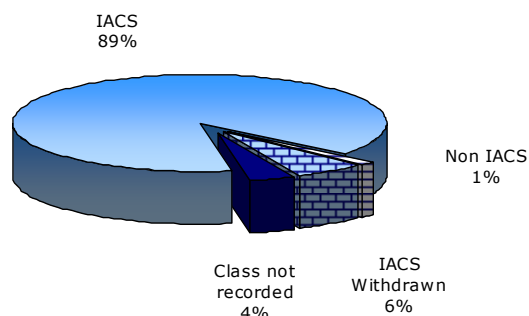
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships										
Ro-Ro Cargo Ships										
Bulk Carriers	8	7,5%					1	20,0%	9	7,5%
Oil and Chemical Tankers	34	32,1%			1	14,3%	1	20,0%	36	30,0%
Gas Tankers	24	22,6%			2	28,6%	1	20,0%	27	22,5%
Other Tankers										
Passenger Ships										
Offshore Vessels	40	37,7%	2	100%	4	57,1%	2	40,0%	48	40,0%
Service Ships										
Tugs										
Leisure Vessels										
Total	106	100%	2	100%	7	100%	5	100%	120	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Table 70 - Gross tonnage (in 1000 t) of 25+ years old very large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships										
Ro-Ro Cargo Ships										
Bulk Carriers	616	5,5%					60	12,1%	676	5,3%
Oil and Chemical Tankers	3 874	34,5%			129	16,7%	211	42,4%	4 214	33,3%
Gas Tankers	2 140	19,1%			183	23,7%	81	16,4%	2 404	19,0%
Other Tankers										
Passenger Ships										
Offshore Vessels	4 598	40,9%	164	100%	459	59,6%	145	29,1%	5 366	42,4%
Service Ships										
Tugs										
Leisure Vessels										
Total	11 228	100%	164	100%	771	100%	497	100%	12 660	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Graph 69 - Total number of 25+ years old very large ships, by class - 2005**Graph 70 - Gross tonnage (in 1000 t) of 25+ years old very large ships, by class - 2005**

3.3. CLASS STATUS AND FLAG

BLACK FLAGS – WHOLE FLEET

Table 71 - World fleet: total number of black flag ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 874	25,2%	1 132	51,0%	605	44,5%	2 673	44,4%	6 284	36,9%
Specialized Cargo Ships	25	0,3%	9	0,4%	9	0,7%	35	0,6%	78	0,5%
Container Ships	693	9,3%	19	0,9%	17	1,3%	39	0,6%	768	4,5%
Ro-Ro Cargo Ships	379	5,1%	15	0,7%	48	3,5%	56	0,9%	498	2,9%
Bulk Carriers	1 726	23,2%	92	4,1%	125	9,2%	195	3,2%	2 138	12,5%
Oil and Chemical Tankers	1 089	14,6%	217	9,8%	173	12,7%	785	13,0%	2 264	13,3%
Gas Tankers	209	2,8%	2	0,1%	17	1,3%	55	0,9%	283	1,7%
Other Tankers	27	0,4%	10	0,5%	15	1,1%	48	0,8%	100	0,6%
Passenger Ships	156	2,1%	226	10,2%	92	6,8%	434	7,2%	908	5,3%
Offshore Vessels	508	6,8%	43	1,9%	47	3,5%	240	4,0%	838	4,9%
Service Ships	160	2,2%	65	2,9%	73	5,4%	325	5,4%	623	3,7%
Tugs	574	7,7%	388	17,5%	139	10,2%	1 113	18,5%	2 214	13,0%
Leisure Vessels	16	0,2%					29	0,5%	45	0,3%
Total	7 436	100%	2 218	100%	1 360	100%	6 027	100%	17 041	100%

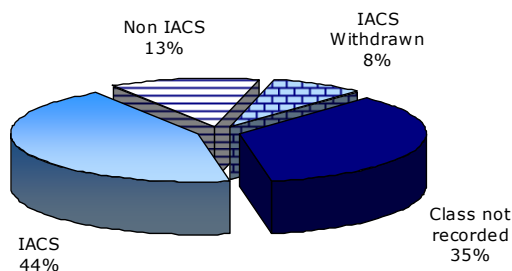
Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Table 72 - Gross tonnage (in 1000 t) of black flagships, by type and class - 2005

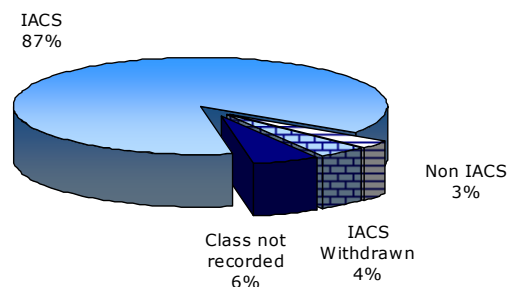
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	10 309	7,1%	1 867	42,1%	1 925	27,0%	3 882	39,9%	17 982	10,7%
Specialized Cargo Ships	340	0,2%	20	0,5%	43	0,6%	36	0,4%	438	0,3%
Container Ships	20 751	14,2%	72	1,6%	183	2,6%	595	6,1%	21 602	12,9%
Ro-Ro Cargo Ships	11 139	7,6%	66	1,5%	326	4,6%	197	2,0%	11 728	7,0%
Bulk Carriers	60 185	41,2%	1 043	23,5%	2 840	39,8%	2 067	21,2%	66 134	39,5%
Oil and Chemical Tankers	32 190	22,0%	518	11,7%	1 244	17,4%	1 217	12,5%	35 169	21,0%
Gas Tankers	5 085	3,5%	6	0,1%	54	0,8%	142	1,5%	5 286	3,2%
Other Tankers	71	0,0%	12	0,3%	63	0,9%	23	0,2%	169	0,1%
Passenger Ships	2 523	1,7%	459	10,4%	259	3,6%	461	4,7%	3 702	2,2%
Offshore Vessels	2 754	1,9%	190	4,3%	57	0,8%	494	5,1%	3 495	2,1%
Service Ships	448	0,3%	96	2,2%	107	1,5%	339	3,5%	990	0,6%
Tugs	213	0,1%	80	1,8%	40	0,6%	265	2,7%	598	0,4%
Leisure Vessels	11	0,0%					11	0,1%	22	0,0%
Total	146 016	100%	4 429	100%	7 141	100%	9 729	100%	167 315	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Graph 71 - Total number of black flag ships, by class – 2005



Graph 72 - Gross tonnage (in 1000 t) of black flag ships, by class – 2005



BLACK FLAGS – SMALL SHIPS

Table 73 - Total number of black flag small⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	27	3,4%	452	44,3%	35	13,1%	1 063	33,6%	1 577	30,1%
Specialized Cargo Ships			1	0,1%	1	0,4%	14	0,4%	16	0,3%
Container Ships										
Ro-Ro Cargo Ships			1	0,1%			9	0,3%	10	0,2%
Bulk Carriers			4	0,4%			48	1,5%	52	1,0%
Oil and Chemical Tankers	32	4,1%	41	4,0%	14	5,2%	288	9,1%	375	7,2%
Gas Tankers							5	0,2%	5	0,1%
Other Tankers			4	0,4%	2	0,7%	35	1,1%	41	0,8%
Passenger Ships	34	4,3%	100	9,8%	54	20,2%	280	8,9%	468	8,9%
Offshore Vessels	128	16,3%	14	1,4%	9	3,4%	147	4,7%	298	5,7%
Service Ships	56	7,1%	20	2,0%	28	10,5%	174	5,5%	278	5,3%
Tugs	500	63,8%	384	37,6%	124	46,4%	1 072	33,9%	2 080	39,8%
Leisure Vessels	7	0,9%					25	0,8%	32	0,6%
Total	784	100%	1 021	100%	267	100%	3 160	100%	5 232	100%

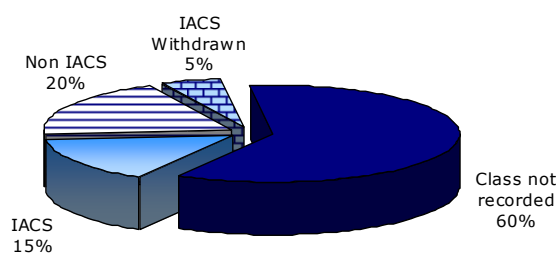
Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Table 74 - Gross tonnage (in 1000 t) of black flag small⁽¹⁾ ships, by type and class - 2005

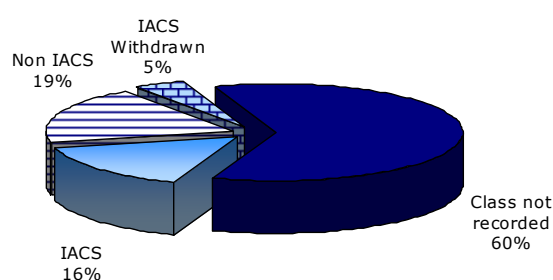
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	9	4,0%	141	51,8%	11	16,1%	342	39,1%	503	34,9%
Specialized Cargo Ships			0	0,2%	0	0,7%	6	0,7%	7	0,5%
Container Ships										
Ro-Ro Cargo Ships			0	0,1%			4	0,4%	4	0,3%
Bulk Carriers			2	0,7%			19	2,1%	20	1,4%
Oil and Chemical Tankers	13	5,6%	14	5,3%	6	8,7%	98	11,2%	131	9,1%
Gas Tankers							2	0,2%	2	0,2%
Other Tankers			1	0,5%	0	0,5%	10	1,1%	11	0,8%
Passenger Ships	11	4,8%	29	10,6%	14	20,5%	69	7,9%	123	8,5%
Offshore Vessels	40	17,6%	3	1,2%	3	3,9%	43	4,9%	88	6,1%
Service Ships	15	6,4%	4	1,5%	7	10,3%	48	5,5%	73	5,1%
Tugs	137	60,3%	77	28,3%	26	39,3%	228	26,1%	468	32,5%
Leisure Vessels	3	1,2%					7	0,8%	9	0,7%
Total	227	100%	273	100%	67	100%	873	100%	1 440	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Graph 73 - Total number of black flag small ships, by class - 2005



Graph 74 - Gross tonnage (in 1000 t) of black flag small ships, by class - 2005



BLACK FLAGS – MEDIUM SHIPS

Table 75 - Total number of black flag medium⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 836	39,4%	680	57,0%	570	54,5%	1 610	57,0%	4 696	48,3%
Specialized Cargo Ships	17	0,4%	8	0,7%	8	0,8%	21	0,7%	54	0,6%
Container Ships	377	8,1%	19	1,6%	15	1,4%	33	1,2%	444	4,6%
Ro-Ro Cargo Ships	171	3,7%	14	1,2%	44	4,2%	45	1,6%	274	2,8%
Bulk Carriers	720	15,5%	85	7,1%	98	9,4%	124	4,4%	1 027	10,6%
Oil and Chemical Tankers	726	15,6%	176	14,8%	146	14,0%	492	17,4%	1 540	15,8%
Gas Tankers	141	3,0%	2	0,2%	17	1,6%	49	1,7%	209	2,2%
Other Tankers	27	0,6%	6	0,5%	13	1,2%	13	0,5%	59	0,6%
Passenger Ships	96	2,1%	126	10,6%	37	3,5%	154	5,4%	413	4,2%
Offshore Vessels	358	7,7%	27	2,3%	38	3,6%	89	3,1%	512	5,3%
Service Ships	102	2,2%	45	3,8%	45	4,3%	151	5,3%	343	3,5%
Tugs	74	1,6%	4	0,3%	15	1,4%	41	1,5%	134	1,4%
Leisure Vessels	9	0,2%					4	0,1%	13	0,1%
Total	4 654	100%	1 192	100%	1 046	100%	2 826	100%	9 718	100%

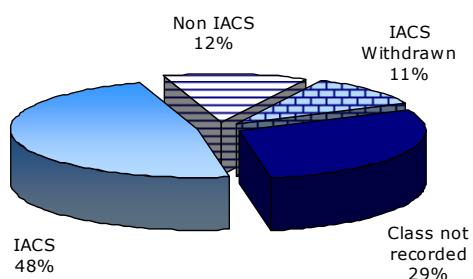
Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Table 76 - Gross tonnage (in 1000 t) of black flag medium⁽¹⁾ ships, by type and class - 2005

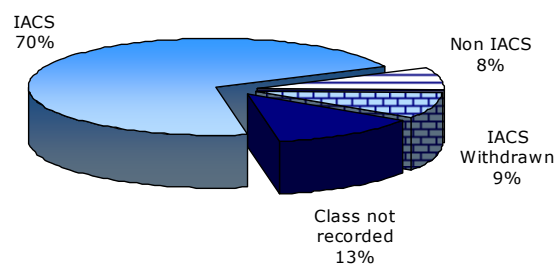
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	10 011	27,9%	1 725	44,4%	1 914	43,0%	3 540	54,3%	17 190	33,8%
Specialized Cargo Ships	96	0,3%	19	0,5%	42	0,9%	30	0,5%	188	0,4%
Container Ships	4 930	13,7%	72	1,9%	65	1,5%	171	2,6%	5 238	10,3%
Ro-Ro Cargo Ships	1 790	5,0%	66	1,7%	197	4,4%	102	1,6%	2 155	4,2%
Bulk Carriers	11 348	31,6%	937	24,1%	1 319	29,6%	941	14,4%	14 545	28,6%
Oil and Chemical Tankers	5 011	13,9%	504	13,0%	495	11,1%	815	12,5%	6 825	13,4%
Gas Tankers	775	2,2%	6	0,1%	54	1,2%	58	0,9%	893	1,8%
Other Tankers	71	0,2%	11	0,3%	63	1,4%	13	0,2%	158	0,3%
Passenger Ships	853	2,4%	431	11,1%	135	3,0%	392	6,0%	1 810	3,6%
Offshore Vessels	606	1,7%	23	0,6%	55	1,2%	125	1,9%	809	1,6%
Service Ships	370	1,0%	92	2,4%	100	2,2%	291	4,5%	854	1,7%
Tugs	76	0,2%	3	0,1%	14	0,3%	37	0,6%	129	0,3%
Leisure Vessels	8	0,0%					5	0,1%	12	0,0%
Total	35 943	100%	3 889	100%	4 452	100%	6 522	100%	50 806	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Graph 75 - Total number of black flag medium ships, by class – 2005



Graph 76 - Gross tonnage (in 1000 t) of black flag medium ships, by class – 2005



BLACK FLAGS – LARGE SHIPS

Table 77 - Total number of black flag large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	11	0,8%							11	0,7%
Specialized Cargo Ships	8	0,6%							8	0,5%
Container Ships	224	15,5%			1	2,9%			225	14,9%
Ro-Ro Cargo Ships	196	13,6%			4	11,4%	1	4,2%	201	13,3%
Bulk Carriers	749	51,9%	3	100%	18	51,4%	18	75,0%	788	52,3%
Oil and Chemical Tankers	192	13,3%			12	34,3%	4	16,7%	208	13,8%
Gas Tankers	44	3,0%							44	2,9%
Other Tankers										
Passenger Ships	13	0,9%							13	0,9%
Offshore Vessels	5	0,3%					1	4,2%	6	0,4%
Service Ships	2	0,1%							2	0,1%
Tugs										
Leisure Vessels										
Total	1 444	100%	3	100%	35	100%	24	100%	1 506	100%

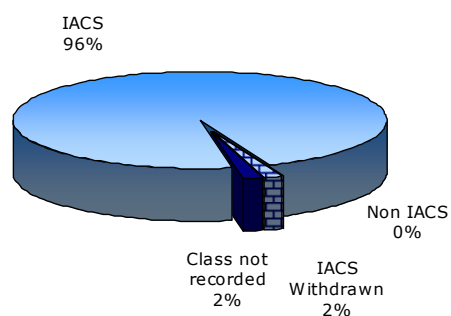
Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Table 78 - Gross tonnage (in 1000 t) of black flag large⁽¹⁾ ships, by type and class - 2005

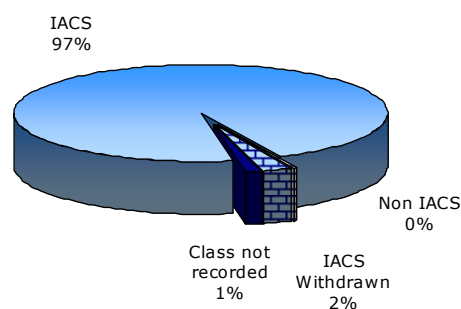
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	289	0,5%							289	0,5%
Specialized Cargo Ships	244	0,4%							244	0,4%
Container Ships	9 213	16,8%			53	3,9%			9 267	16,2%
Ro-Ro Cargo Ships	8 612	15,7%			129	9,5%	29	3,4%	8 770	15,4%
Bulk Carriers	26 271	48,0%	104	100%	601	44,0%	646	75,6%	27 622	48,4%
Oil and Chemical Tankers	7 295	13,3%			582	42,6%	143	16,8%	8 021	14,1%
Gas Tankers	1 964	3,6%							1 964	3,4%
Other Tankers										
Passenger Ships	526	1,0%							526	0,9%
Offshore Vessels	230	0,4%					36	4,2%	267	0,5%
Service Ships	63	0,1%							63	0,1%
Tugs										
Leisure Vessels										
Total	54 707	100%	104	100%	1 365	100%	855	100%	57 031	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Graph 77 - Total number of black flag large ships, by class - 2005



Graph 78 - Gross tonnage (in 1000 t) of black flag large ships, by class - 2005



BLACK FLAGS – VERY LARGE SHIPS

Table 79 - Total number of black flag very large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	92	16,6%			1	8,3%	6	35,3%	99	16,9%
Ro-Ro Cargo Ships	12	2,2%					1	5,9%	13	2,2%
Bulk Carriers	257	46,4%			9	75,0%	5	29,4%	271	46,3%
Oil and Chemical Tankers	139	25,1%			1	8,3%	1	5,9%	141	24,1%
Gas Tankers	24	4,3%					1	5,9%	25	4,3%
Other Tankers										
Passenger Ships	13	2,3%			1	8,3%			14	2,4%
Offshore Vessels	17	3,1%	2	100%			3	17,6%	22	3,8%
Service Ships										
Tugs										
Leisure Vessels										
Total	554	100%	2	100%	12	100%	17	100%	585	100%

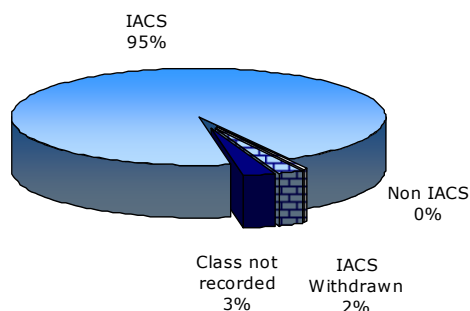
Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Table 80 - Gross tonnage (in 1000 t) of black flag very large⁽¹⁾ ships, by type and class - 2005

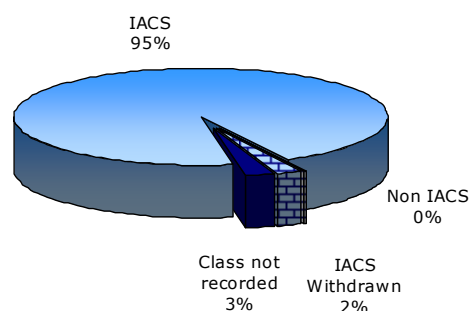
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	6 608	12,0%			65	5,2%	425	28,7%	7 097	12,2%
Ro-Ro Cargo Ships	737	1,3%					63	4,2%	800	1,4%
Bulk Carriers	22 566	40,9%			920	73,2%	461	31,1%	23 947	41,3%
Oil and Chemical Tankers	19 871	36,0%			161	12,8%	160	10,8%	20 192	34,8%
Gas Tankers	2 346	4,3%					81	5,5%	2 428	4,2%
Other Tankers										
Passenger Ships	1 133	2,1%			110	8,8%			1 243	2,1%
Offshore Vessels	1 878	3,4%	164	100%			290	19,6%	2 331	4,0%
Service Ships										
Tugs										
Leisure Vessels										
Total	55 139	100%	164	100%	1 256	100%	1 479	100%	58 038	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Graph 79 - Total number of black flag very large ships, by class - 2005



Graph 80 - Gross tonnage (in 1000 t) of black flag very large ships, by class - 2005



NON BLACK FLAGS – WHOLE FLEET

Table 81 - World fleet, total number of non black flag ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 516	18,5%	124	29,3%	388	20,3%	4 557	26,1%	9 585	21,7%
Specialized Cargo Ships	82	0,3%			5	0,3%	27	0,2%	114	0,3%
Container Ships	2 105	8,6%	7	1,7%	31	1,6%	85	0,5%	2 228	5,0%
Ro-Ro Cargo Ships	750	3,1%	9	2,1%	26	1,4%	101	0,6%	886	2,0%
Bulk Carriers	3 277	13,4%	31	7,3%	149	7,8%	726	4,2%	4 183	9,5%
Oil and Chemical Tankers	4 305	17,7%	52	12,3%	300	15,7%	2 209	12,6%	6 866	15,5%
Gas Tankers	678	2,8%	2	0,5%	41	2,1%	76	0,4%	797	1,8%
Other Tankers	111	0,5%	7	1,7%	14	0,7%	118	0,7%	250	0,6%
Passenger Ships	1 786	7,3%	84	19,9%	243	12,7%	2 750	15,7%	4 863	11,0%
Offshore Vessels	2 008	8,2%	11	2,6%	99	5,2%	736	4,2%	2 854	6,5%
Service Ships	1 258	5,2%	16	3,8%	155	8,1%	1 671	9,6%	3 100	7,0%
Tugs	3 168	13,0%	61	14,4%	434	22,8%	4 184	23,9%	7 847	17,8%
Leisure Vessels	329	1,3%	19	4,5%	22	1,2%	243	1,4%	613	1,4%
Total	24 373	100%	423	100%	1 907	100%	17 483	100%	44 186	100%

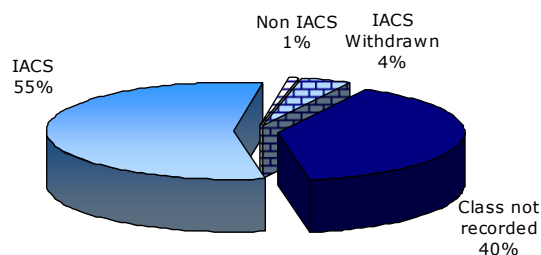
Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Table 82 - Gross tonnage (in 1000 t) of non black flag ships, by type and class - 2005

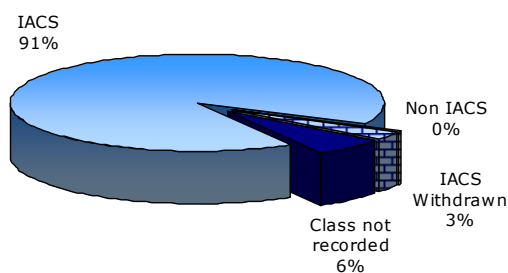
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	26 182	6,7%	397	19,0%	1 157	9,4%	5 363	20,1%	33 100	7,6%
Specialized Cargo Ships	895	0,2%			24	0,2%	41	0,2%	960	0,2%
Container Ships	58 290	14,9%	219	10,5%	562	4,6%	2 169	8,1%	61 241	14,1%
Ro-Ro Cargo Ships	17 205	4,4%	71	3,4%	279	2,3%	520	2,0%	18 076	4,2%
Bulk Carriers	101 413	25,9%	483	23,1%	3 655	29,7%	5 070	19,0%	110 621	25,5%
Oil and Chemical Tankers	134 435	34,3%	520	24,9%	4 582	37,2%	5 210	19,6%	144 747	33,4%
Gas Tankers	19 154	4,9%	1	0,1%	267	2,2%	491	1,8%	19 913	4,6%
Other Tankers	493	0,1%	21	1,0%	51	0,4%	51	0,2%	616	0,1%
Passenger Ships	18 794	4,8%	326	15,6%	804	6,5%	2 839	10,7%	22 763	5,3%
Offshore Vessels	9 146	2,3%	9	0,4%	631	5,1%	1 815	6,8%	11 601	2,7%
Service Ships	5 007	1,3%	21	1,0%	191	1,6%	2 020	7,6%	7 240	1,7%
Tugs	1 124	0,3%	15	0,7%	99	0,8%	917	3,4%	2 155	0,5%
Leisure Vessels	135	0,0%	4	0,2%	5	0,0%	122	0,5%	266	0,1%
Total	392 273	100%	2 088	100%	12 309	100%	26 629	100%	433 299	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005

Graph 81 - Total number of non black flag ships, by class – 2005



Graph 82 - Gross tonnage (in 1000 t) of non black flag ships, by class – 2005



NON BLACK FLAGS – SMALL SHIPS

Table 83 - Total number of non black flag small⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	250	4,9%	11	7,5%	78	9,3%	2 975	24,0%	3 314	18,0%
Specialized Cargo Ships	1	0,0%			1	0,1%	12	0,1%	14	0,1%
Container Ships										
Ro-Ro Cargo Ships	8	0,2%					15	0,1%	23	0,1%
Bulk Carriers	5	0,1%	1	0,7%	5	0,6%	371	3,0%	382	2,1%
Oil and Chemical Tankers	205	4,1%	5	3,4%	58	6,9%	1 370	11,1%	1 638	8,9%
Gas Tankers	9	0,2%	1	0,7%	7	0,8%	27	0,2%	44	0,2%
Other Tankers	17	0,3%	2	1,4%	2	0,2%	89	0,7%	110	0,6%
Passenger Ships	619	12,3%	40	27,4%	128	15,2%	1 835	14,8%	2 622	14,2%
Offshore Vessels	418	8,3%	5	3,4%	46	5,5%	491	4,0%	960	5,2%
Service Ships	444	8,8%	5	3,4%	77	9,2%	980	7,9%	1 506	8,2%
Tugs	2 831	56,0%	58	39,7%	418	49,8%	4 030	32,5%	7 337	39,8%
Leisure Vessels	244	4,8%	18	12,3%	20	2,4%	196	1,6%	478	2,6%
Total	5 051	100%	146	100%	840	100%	12 391	100%	18 428	100%

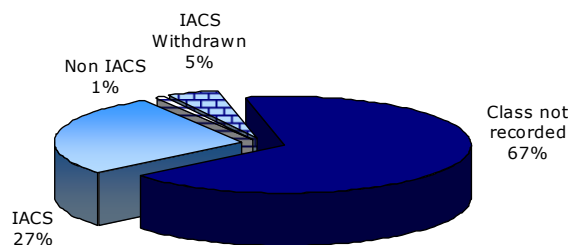
Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Table 84 - Gross tonnage (in 1000 t) of non black flag small⁽¹⁾ ships, by type class - 2005

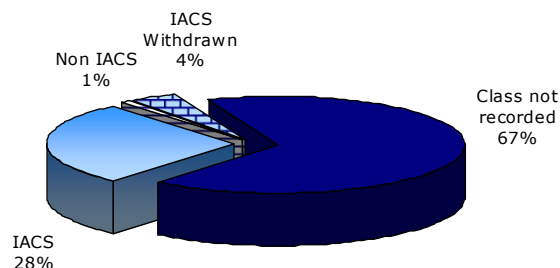
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	79	5,9%	4	10,3%	24	11,8%	942	29,1%	1 049	21,8%
Specialized Cargo Ships	0	0,0%			0	0,1%	4	0,1%	5	0,1%
Container Ships										
Ro-Ro Cargo Ships	3	0,3%					5	0,2%	9	0,2%
Bulk Carriers	2	0,1%	0	1,0%	2	1,0%	140	4,3%	145	3,0%
Oil and Chemical Tankers	76	5,7%	2	4,5%	21	10,4%	421	13,0%	520	10,8%
Gas Tankers	4	0,3%	0	1,4%	3	1,5%	8	0,3%	16	0,3%
Other Tankers	5	0,4%	1	1,5%	1	0,3%	24	0,7%	29	0,6%
Passenger Ships	172	12,8%	10	28,3%	31	15,5%	435	13,5%	649	13,5%
Offshore Vessels	125	9,3%	2	4,4%	12	6,0%	130	4,0%	268	5,6%
Service Ships	104	7,8%	1	3,4%	17	8,4%	267	8,3%	390	8,1%
Tugs	735	54,9%	13	34,9%	87	43,2%	806	24,9%	1 641	34,1%
Leisure Vessels	34	2,5%	4	10,3%	4	1,8%	50	1,6%	92	1,9%
Total	1 338	100%	36	100%	202	100%	3 234	100%	4 811	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005

Graph 83 - Total number of non black flag small ships, by class - 2005



Graph 84 - Gross tonnage (in 1000 t) of non black flag small ships, by class - 2005



NON BLACK FLAGS – MEDIUM SHIPS

Table 85 - Total number of non black flag medium⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 098	29,6%	113	44,5%	310	33,1%	1 581	32,0%	6 102	30,5%
Specialized Cargo Ships	71	0,5%			4	0,4%	15	0,3%	90	0,5%
Container Ships	1 134	8,2%	2	0,8%	22	2,4%	52	1,1%	1 210	6,1%
Ro-Ro Cargo Ships	473	3,4%	9	3,5%	24	2,6%	84	1,7%	590	3,0%
Bulk Carriers	1 524	11,0%	24	9,4%	87	9,3%	314	6,4%	1 949	9,7%
Oil and Chemical Tankers	2 397	17,3%	38	15,0%	194	20,7%	797	16,1%	3 426	17,1%
Gas Tankers	438	3,2%	1	0,4%	31	3,3%	44	0,9%	514	2,6%
Other Tankers	91	0,7%	5	2,0%	12	1,3%	29	0,6%	137	0,7%
Passenger Ships	914	6,6%	41	16,1%	108	11,5%	910	18,4%	1 973	9,9%
Offshore Vessels	1 517	10,9%	6	2,4%	48	5,1%	227	4,6%	1 798	9,0%
Service Ships	784	5,7%	11	4,3%	78	8,3%	685	13,9%	1 558	7,8%
Tugs	337	2,4%	3	1,2%	16	1,7%	154	3,1%	510	2,6%
Leisure Vessels	85	0,6%	1	0,4%	2	0,2%	47	1,0%	135	0,7%
Total	13 863	100%	254	100%	936	100%	4 939	100%	19 992	100%

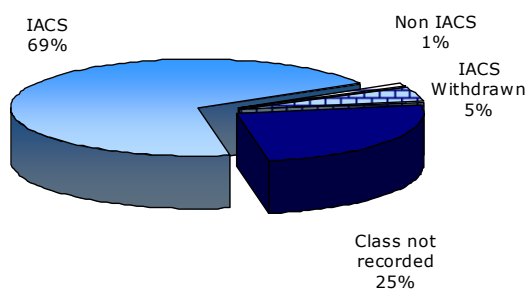
Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Table 86 - Gross tonnage (in 1000 t) of non black flag medium⁽¹⁾ ships, by type and class - 2005

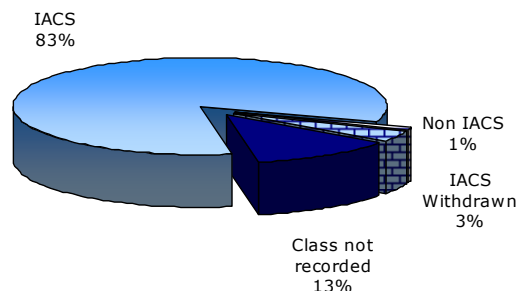
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	21 152	21,7%	393	36,5%	1 133	27,7%	4 391	29,6%	27 070	23,1%
Specialized Cargo Ships	555	0,6%			24	0,6%	36	0,2%	615	0,5%
Container Ships	13 775	14,2%	19	1,7%	225	5,5%	326	2,2%	14 345	12,2%
Ro-Ro Cargo Ships	4 955	5,1%	71	6,6%	166	4,0%	404	2,7%	5 597	4,8%
Bulk Carriers	23 004	23,6%	244	22,7%	1 280	31,3%	3 290	22,2%	27 818	23,7%
Oil and Chemical Tankers	17 866	18,4%	69	6,4%	581	14,2%	1 888	12,7%	20 405	17,4%
Gas Tankers	2 418	2,5%	1	0,1%	37	0,9%	61	0,4%	2 517	2,1%
Other Tankers	392	0,4%	21	1,9%	51	1,2%	27	0,2%	490	0,4%
Passenger Ships	6 293	6,5%	229	21,3%	299	7,3%	2 244	15,1%	9 064	7,7%
Offshore Vessels	2 918	3,0%	8	0,7%	112	2,7%	404	2,7%	3 441	2,9%
Service Ships	3 519	3,6%	20	1,8%	174	4,3%	1 560	10,5%	5 273	4,5%
Tugs	389	0,4%	2	0,2%	12	0,3%	111	0,8%	514	0,4%
Leisure Vessels	101	0,1%	1	0,1%	2	0,0%	71	0,5%	174	0,1%
Total	97 338	100%	1 077	100%	4 096	100%	14 815	100%	117 325	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005

Graph 85 - Total number of non black flag medium ships, by class – 2005



Graph 86 - Gross tonnage (in 1000 t) of non black flag medium ships, by class – 2005



NON BLACK FLAGS – LARGE SHIPS

Table 87 - Total number of non black flag large⁽¹⁾ ships, by type and class - 2005

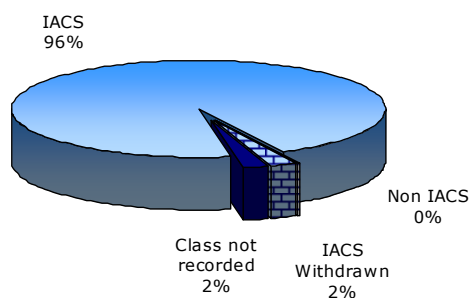
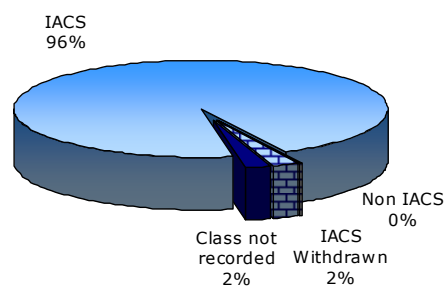
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	168	4,2%					1	1,0%	169	4,0%
Specialized Cargo Ships	10	0,3%							10	0,2%
Container Ships	759	19,0%	5	25,0%	9	10,6%	21	20,8%	794	18,9%
Ro-Ro Cargo Ships	251	6,3%			2	2,4%	2	2,0%	255	6,1%
Bulk Carriers	1 397	35,0%	5	25,0%	47	55,3%	36	35,6%	1 485	35,4%
Oil and Chemical Tankers	1 057	26,5%	7	35,0%	23	27,1%	22	21,8%	1 109	26,4%
Gas Tankers	106	2,7%			1	1,2%	1	1,0%	108	2,6%
Other Tankers	3	0,1%							3	0,1%
Passenger Ships	187	4,7%	3	15,0%	2	2,4%	5	5,0%	197	4,7%
Offshore Vessels	27	0,7%			1	1,2%	7	6,9%	35	0,8%
Service Ships	23	0,6%					6	5,9%	29	0,7%
Tugs										
Leisure Vessels										
Total	3 988	100%	20	100%	85	100%	101	100%	4 194	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Table 88 - Gross tonnage (in 1000 t) of non black flag large⁽¹⁾ ships, by type and class - 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	4 951	3,3%					30	0,8%	4 981	3,2%
Specialized Cargo Ships	340	0,2%							340	0,2%
Container Ships	28 930	19,3%	201	27,2%	337	10,9%	770	20,9%	30 238	19,2%
Ro-Ro Cargo Ships	11 061	7,4%			113	3,7%	110	3,0%	11 285	7,2%
Bulk Carriers	48 328	32,3%	165	22,4%	1 533	49,6%	1 225	33,3%	51 252	32,6%
Oil and Chemical Tankers	43 061	28,7%	287	38,8%	945	30,6%	841	22,9%	45 135	28,7%
Gas Tankers	4 359	2,9%			44	1,4%	41	1,1%	4 443	2,8%
Other Tankers	96	0,1%							96	0,1%
Passenger Ships	6 567	4,4%	87	11,7%	68	2,2%	161	4,4%	6 883	4,4%
Offshore Vessels	1 203	0,8%			47	1,5%	305	8,3%	1 555	1,0%
Service Ships	888	0,6%					193	5,2%	1 081	0,7%
Tugs										
Leisure Vessels										
Total	149 785	100%	740	100%	3 088	100%	3 675	100%	157 288	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005

Graph 87 - Total number of non black flag large ships, by class - 2005**Graph 88 - Gross tonnage (in 1000 t) of non black flag large ships, by class - 2005**

NON BLACK FLAGS – VERY LARGE SHIPS

Table 89 - Total number of non black flag very large⁽¹⁾ ships, by type and class - 2005

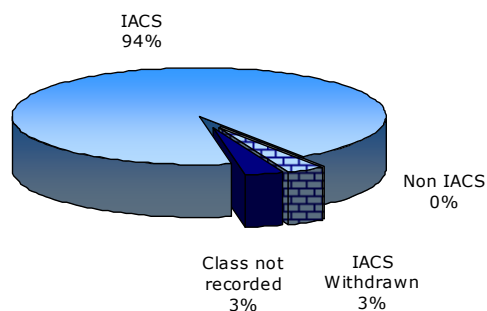
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	0	0,0%								
Specialized Cargo Ships	0	0,0%								
Container Ships	212	14,4%					12	23,1%	224	14,2%
Ro-Ro Cargo Ships	18	1,2%							18	1,1%
Bulk Carriers	351	23,9%	1	33%	10	21,7%	5	9,6%	367	23,3%
Oil and Chemical Tankers	646	43,9%	2	67%	25	54,3%	20	38,5%	693	44,1%
Gas Tankers	125	8,5%			2	4,3%	4	7,7%	131	8,3%
Other Tankers										
Passenger Ships	66	4,5%			5	10,9%			71	4,5%
Offshore Vessels	46	3,1%			4	8,7%	11	21,2%	61	3,9%
Service Ships	7	0,5%							7	0,4%
Tugs										
Leisure Vessels										
Total	1 471	100%	3	100%	46	100%	52	100%	1 572	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005Table 90 - Gross tonnage (in 1000 t) of non black flag very large⁽¹⁾ ships, by type and class - 2005

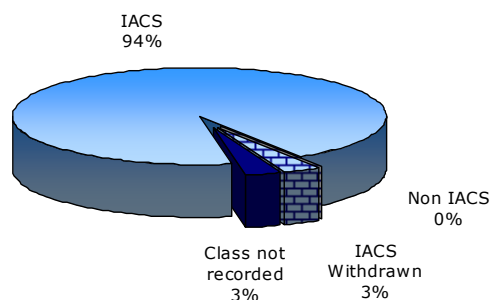
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	15 586	10,8%					1 073	21,9%	16 658	10,8%
Ro-Ro Cargo Ships	1 185	0,8%							1 185	0,8%
Bulk Carriers	30 079	20,9%	73	31%	839	17,1%	415	8,5%	31 407	20,4%
Oil and Chemical Tankers	73 432	51,1%	162	69%	3 035	61,7%	2 059	42,0%	78 688	51,1%
Gas Tankers	12 374	8,6%			183	3,7%	381	7,8%	12 937	8,4%
Other Tankers										
Passenger Ships	5 762	4,0%			406	8,2%			6 167	4,0%
Offshore Vessels	4 900	3,4%			459	9,3%	977	19,9%	6 337	4,1%
Service Ships	496	0,3%							496	0,3%
Tugs										
Leisure Vessels										
Total	143 813	100%	235	100%	4 922	100%	4 905	100%	153 875	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005

Graph 89 - Total number of non black flag very large ships, by class – 2005



Graph 90 - Gross tonnage (in 1000 t) of non black flag very large ships under non black flag, by class – 2005



3.4. SAFETY PERFORMANCE

WHOLE FLEET

Table 91 - World fleet detention rates^(*), by type and class – 2005

Ship Type	IACS	Non IACS	IACS Withdrawn	Class not recorded	Overall
General Cargo Ships	4,42%	18,49%	13,17%	14,60%	6,77%
Specialized Cargo Ships	4,17%	12,50%	50,00%	16,67%	5,86%
Container Ships	2,10%	0,00%	0,00%	2,20%	2,08%
Ro-Ro Cargo Ships	1,98%	34,78%	8,82%	6,52%	2,55%
Bulk Carriers	3,76%	13,23%	8,99%	6,54%	4,15%
Oil and Chemical Tankers	2,09%	23,73%	6,38%	12,43%	2,64%
Gas Tankers	1,34%	33,33%	11,11%	12,50%	1,88%
Other Tankers	1,18%	0,00%	6,67%	37,50%	3,09%
Passenger Ships	1,10%	5,71%	3,28%	1,75%	1,35%
Offshore Vessels	3,00%	0,00%	0,00%	0,00%	2,76%
Service Ships	3,58%	40,00%	40,00%	12,66%	6,52%
Tugs	5,11%		0,00%	3,06%	4,18%
Leisure Vessels	0,00%				0,00%
Total	3,19%	17,30%	10,64%	11,95%	4,29%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005 - (*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

SMALL SHIPS

Table 92 - Small⁽¹⁾ ships detention rates^(*), by type and class - 2005

Ship Type	IACS	Non IACS	IACS Withdrawn	Class not recorded	Overall
General Cargo Ships	12,70%	42,86%	40,00%	42,20%	34,68%
Specialized Cargo Ships		0,00%		100,00%	20,00%
Container Ships					
Ro-Ro Cargo Ships				0,00%	0,00%
Bulk Carriers	0,00%			0,00%	0,00%
Oil and Chemical Tankers	5,26%	0,00%	0,00%	9,09%	6,25%
Gas Tankers		0,00%	0,00%		0,00%
Other Tankers	0,00%				0,00%
Passenger Ships	0,00%	0,00%	25,00%	2,50%	2,61%
Offshore Vessels	11,11%			0,00%	7,41%
Service Ships	4,17%		0,00%	10,00%	6,52%
Tugs	6,02%		0,00%	2,44%	3,98%
Leisure Vessels	0,00%				0,00%
Total	7,00%	20,00%	12,50%	20,77%	15,48%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005 - (*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

MEDIUM SHIPS

Table 93 - Medium⁽¹⁾ ships detention rates^(*), by type and class - 2005

Ship Type	IACS	Non IACS	IACS Withdrawn	Class not recorded	Overall
General Cargo Ships	6,66%	28,70%	29,67%	32,55%	12,16%
Specialized Cargo Ships	4,91%	16,67%	50,00%	9,09%	6,38%
Container Ships	4,21%	0,00%	0,00%	8,51%	4,23%
Ro-Ro Cargo Ships	6,03%	34,78%	10,91%	8,57%	7,04%
Bulk Carriers	5,24%	22,99%	21,65%	10,40%	6,76%
Oil and Chemical Tankers	5,02%	35,71%	11,88%	29,93%	6,49%
Gas Tankers	4,06%	100,00%	21,74%	20,00%	5,35%
Other Tankers	3,70%	0,00%	6,67%	50,00%	5,91%
Passenger Ships	2,10%	6,67%	9,09%	6,45%	2,68%
Offshore Vessels	3,19%	0,00%	0,00%	0,00%	2,99%
Service Ships	3,59%	60,00%	66,67%	41,38%	11,99%
Tugs	8,60%		0,00%	31,25%	11,71%
Leisure Vessels	0,00%				0,00%
Total	5,64%	27,00%	25,45%	28,35%	9,08%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005 - (*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

LARGE SHIPS

Table 94 - Large⁽¹⁾ ships detention rates^(*), by type and class - 2005

Ship Type	IACS	Non IACS	IACS Withdrawn	Class not recorded	Overall
General Cargo Ships	2,61%			0,00%	2,60%
Specialized Cargo Ships	3,45%				3,45%
Container Ships	4,34%	0,00%	0,00%	0,00%	4,25%
Ro-Ro Cargo Ships	1,77%		0,00%	0,00%	1,75%
Bulk Carriers	5,40%	0,00%	9,62%	4,26%	5,46%
Oil and Chemical Tankers	2,05%	14,29%	8,33%	0,00%	2,21%
Gas Tankers	0,00%		0,00%		0,00%
Other Tankers	0,00%				0,00%
Passenger Ships	0,89%	0,00%		0,00%	0,87%
Offshore Vessels	0,00%				0,00%
Service Ships	0,00%			0,00%	0,00%
Tugs					
Leisure Vessels					
Total	3,80%	5,26%	7,33%	1,89%	3,84%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005 - (*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

VERY LARGE SHIPS

Table 95 - Very large⁽¹⁾ ships detention rates^(*), by type and class - 2005

Ship Type	IACS	Non IACS	IACS Withdrawn	Class not recorded	Overall
General Cargo Ships					
Specialized Cargo Ships					
Container Ships	0,46%		0,00%	0,00%	0,45%
Ro-Ro Cargo Ships	0,00%			0,00%	0,00%
Bulk Carriers	7,06%	0,00%	25,00%	6,67%	7,52%
Oil and Chemical Tankers	0,54%	0,00%	0,00%	0,00%	0,51%
Gas Tankers	0,00%		0,00%	0,00%	0,00%
Other Tankers					
Passenger Ships	0,00%		0,00%		0,00%
Offshore Vessels	0,00%				0,00%
Service Ships					
Tugs					
Leisure Vessels					
Total	2,46%	0,00%	6,56%	1,96%	2,58%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005 - (*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Chapter 4

4. P&I Clubs

INTRODUCTION

Protection and Indemnity (P&I) Clubs provide third party insurance cover to ship owners. Members of the International Group of P&I Clubs provide EQUASIS with information on ships entered in their clubs. The following tables show the proportion of the fleet, in each size and type category, which is entered in those Clubs. The proportion of ships which is shown as non-P&I covers those ships which are either entered with a Club for which information is unavailable or which are not covered by P&I insurance.

In chapter 4.4 the fleet is analysed according to P&I and flag status. Flags are grouped in two categories, black and non-black. The so-called black flags are those whose safety performance as measured by the detention rate of their ships leads to them being targeted for inspection by port state control authorities. The Paris MoU, Tokyo MoU and USCG each publish annually a list of targeted flags. The black flag group used in the tables in chapter 3.3 includes those flags which appear on at least one of the annual lists for 2004. A list of these flags is at Annex II.

In chapter 4.5 the detention rate of ships is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MoU and USCG regions in 2005.

RESULTS

Graph 91 indicates that while only 36% of the total number of ships is covered by one of the members of the International Group

this accounts for 88% of the fleet by tonnage.

Within the large and very large fleet the vast majority of ships (96%) are covered by the International Group. Within the medium fleet just under half are entered in the Group.

Comparing Graph 101 with 111 indicates that those ships not entered in the Group have an older age profile than those which are. Over half of the non-P&I fleet is over 25 years old compared with a fourth of the P&I fleet.

The safety performance of the whole fleet as measured by detention rates shows a good record with just 4,29% of inspections resulting in detention in 2005. Table 136 indicates that ships outside the Group were more likely to be detained in 2005 than those inside the Group particularly among cargo ships.

4.1. P&I STATUS

WHOLE FLEET

Table 96 - P&I status : world fleet, total number of ships, by type – 2005

Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	4 188	19,0%	11 681	29,8%	15 869	25,9%
Specialized Cargo Ships	85	0,4%	107	0,3%	192	0,3%
Container Ships	2 713	12,3%	283	0,7%	2 996	4,9%
Ro-Ro Cargo Ships	964	4,4%	420	1,1%	1 384	2,3%
Bulk Carriers	4 869	22,1%	1 452	3,7%	6 321	10,3%
Oil and Chemical Tankers	4 612	21,0%	4 518	11,5%	9 130	14,9%
Gas Tankers	753	3,4%	327	0,8%	1 080	1,8%
Other Tankers	88	0,4%	262	0,7%	350	0,6%
Passenger Ships	1 427	6,5%	4 344	11,1%	5 771	9,4%
Offshore Vessels	1 001	4,5%	2 691	6,9%	3 692	6,0%
Service Ships	461	2,1%	3 262	8,3%	3 723	6,1%
Tugs	827	3,8%	9 234	23,5%	10 061	16,4%
Leisure Vessels	26	0,1%	632	1,6%	658	1,1%
Total	22 014	100%	39 213	100%	61 227	100%

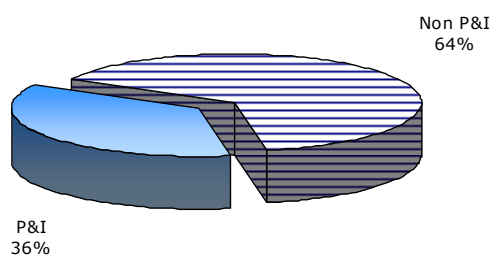
Source : Equasis processed by Emsa

Table 97 - P&I status : gross tonnage (in 1000 t) of ships, by type - 2005

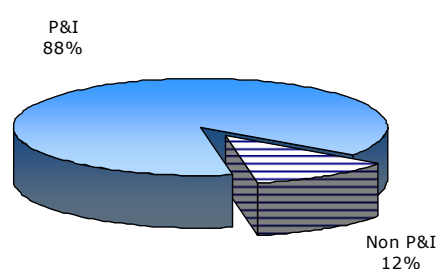
Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	29 627	5,6%	21 455	28,7%	51 081	8,5%
Specialized Cargo Ships	1 113	0,2%	286	0,4%	1 398	0,2%
Container Ships	78 963	15,0%	3 880	5,2%	82 843	13,8%
Ro-Ro Cargo Ships	27 603	5,2%	2 201	2,9%	29 804	5,0%
Bulk Carriers	163 485	31,1%	13 271	17,7%	176 756	29,4%
Oil and Chemical Tankers	166 727	31,7%	13 189	17,6%	179 916	30,0%
Gas Tankers	24 354	4,6%	845	1,1%	25 199	4,2%
Other Tankers	533	0,1%	252	0,3%	785	0,1%
Passenger Ships	20 631	3,9%	5 834	7,8%	26 465	4,4%
Offshore Vessels	9 073	1,7%	6 024	8,1%	15 097	2,5%
Service Ships	3 236	0,6%	4 993	6,7%	8 229	1,4%
Tugs	419	0,1%	2 334	3,1%	2 752	0,5%
Leisure Vessels	26	0,0%	263	0,4%	288	0,0%
Total	525 788	100%	74 826	100%	600 614	100%

Source : Equasis processed by Emsa

Graph 91 - Number of ships, by P&I status – 2005



Graph 92 - Gross tonnage (in 1000 t) of ships, by P&I status – 2005



SMALL SHIPS

Table 98 - P&I status : total number of small⁽¹⁾ ships, by type - 2005

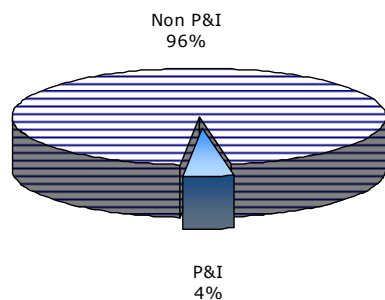
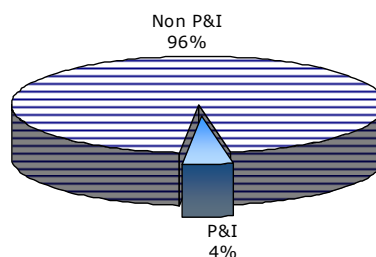
Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	55	5,4%	4 836	21,4%	4 891	20,7%
Specialized Cargo Ships			30	0,1%	30	0,1%
Container Ships						
Ro-Ro Cargo Ships	1	0,1%	32	0,1%	33	0,1%
Bulk Carriers	3	0,3%	431	1,9%	434	1,8%
Oil and Chemical Tankers	36	3,5%	1 977	8,7%	2 013	8,5%
Gas Tankers	1	0,1%	48	0,2%	49	0,2%
Other Tankers	2	0,2%	149	0,7%	151	0,6%
Passenger Ships	215	21,0%	2 875	12,7%	3 090	13,1%
Offshore Vessels	42	4,1%	1 216	5,4%	1 258	5,3%
Service Ships	48	4,7%	1 736	7,7%	1 784	7,5%
Tugs	606	59,2%	8 811	38,9%	9 417	39,8%
Leisure Vessels	14	1,4%	496	2,2%	510	2,2%
Total	1 023	100%	22 637	100%	23 660	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500

Table 99 - P&I status : gross tonnage (in 1000 t) of small⁽¹⁾ ships, by type - 2005

Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	21	7,7%	1 531	25,6%	1 552	24,8%
Specialized Cargo Ships			11	0,2%	11	0,2%
Container Ships						
Ro-Ro Cargo Ships	0	0,1%	12	0,2%	13	0,2%
Bulk Carriers	1	0,4%	164	2,7%	165	2,6%
Oil and Chemical Tankers	15	5,4%	636	10,6%	650	10,4%
Gas Tankers	0	0,2%	17	0,3%	18	0,3%
Other Tankers	1	0,3%	40	0,7%	41	0,7%
Passenger Ships	58	21,6%	713	11,9%	771	12,3%
Offshore Vessels	13	4,9%	343	5,7%	357	5,7%
Service Ships	13	4,7%	450	7,5%	463	7,4%
Tugs	148	54,7%	1 961	32,8%	2 109	33,7%
Leisure Vessels	0	0,1%	101	1,7%	101	1,6%
Total	271	100%	5 980	100%	6 251	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500

Graph 93 - Number of small ships, by P&I status – 2005**Graph 94 - Gross tonnage (in 1000 t) of small ships, by P&I status – 2005**

MEDIUM SHIPS

Table 100 - P&I status : total number of medium⁽¹⁾ ships, by type - 2005

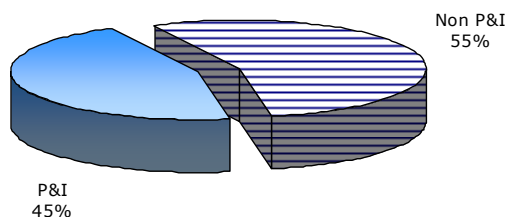
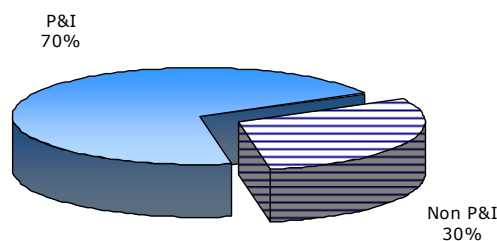
Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	3 956	29,4%	6 842	42,1%	10 798	36,3%
Specialized Cargo Ships	69	0,5%	75	0,5%	144	0,5%
Container Ships	1 419	10,5%	235	1,4%	1 654	5,6%
Ro-Ro Cargo Ships	482	3,6%	382	2,4%	864	2,9%
Bulk Carriers	2 081	15,4%	895	5,5%	2 976	10,0%
Oil and Chemical Tankers	2 512	18,6%	2 454	15,1%	4 966	16,7%
Gas Tankers	448	3,3%	275	1,7%	723	2,4%
Other Tankers	83	0,6%	113	0,7%	196	0,7%
Passenger Ships	925	6,9%	1 461	9,0%	2 386	8,0%
Offshore Vessels	878	6,5%	1 432	8,8%	2 310	7,8%
Service Ships	389	2,9%	1 512	9,3%	1 901	6,4%
Tugs	221	1,6%	423	2,6%	644	2,2%
Leisure Vessels	12	0,1%	136	0,8%	148	0,5%
Total	13 475	100%	16 235	100%	29 710	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000

Table 101 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type - 2005

Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	24 432	20,8%	19 827	39,2%	44 260	26,3%
Specialized Cargo Ships	600	0,5%	203	0,4%	803	0,5%
Container Ships	18 043	15,4%	1 540	3,0%	19 583	11,6%
Ro-Ro Cargo Ships	5 808	4,9%	1 944	3,8%	7 751	4,6%
Bulk Carriers	33 780	28,7%	8 584	17,0%	42 363	25,2%
Oil and Chemical Tankers	21 056	17,9%	6 174	12,2%	27 230	16,2%
Gas Tankers	2 922	2,5%	488	1,0%	3 410	2,0%
Other Tankers	436	0,4%	212	0,4%	648	0,4%
Passenger Ships	6 186	5,3%	4 689	9,3%	10 874	6,5%
Offshore Vessels	1 931	1,6%	2 320	4,6%	4 251	2,5%
Service Ships	2 021	1,7%	4 106	8,1%	6 127	3,6%
Tugs	271	0,2%	373	0,7%	643	0,4%
Leisure Vessels	25	0,0%	162	0,3%	187	0,1%
Total	117 512	100%	50 619	100%	168 131	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000

Graph 95 - Number of medium ships, by P&I status – 2005**Graph 96 - Gross tonnage (in 1000 t) of medium ships, by P&I status – 2005**

LARGE SHIPS

Table 102 - P&I status : total number of large⁽¹⁾ ships, by type - 2005

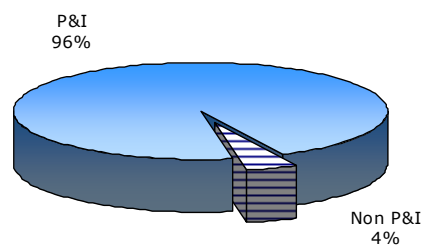
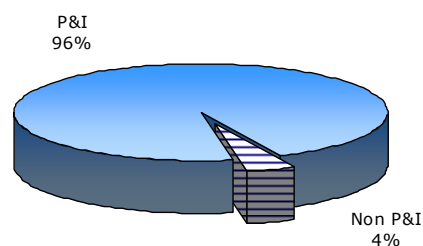
Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	177	3,3%	3	1,2%	180	3,2%
Specialized Cargo Ships	16	0,3%	2	0,8%	18	0,3%
Container Ships	985	18,1%	34	13,3%	1 019	17,9%
Ro-Ro Cargo Ships	451	8,3%	5	2,0%	456	8,0%
Bulk Carriers	2 155	39,6%	118	46,3%	2 273	39,9%
Oil and Chemical Tankers	1 263	23,2%	54	21,2%	1 317	23,1%
Gas Tankers	151	2,8%	1	0,4%	152	2,7%
Other Tankers	3	0,1%			3	0,1%
Passenger Ships	205	3,8%	5	2,0%	210	3,7%
Offshore Vessels	22	0,4%	19	7,5%	41	0,7%
Service Ships	17	0,3%	14	5,5%	31	0,5%
Tugs						
Leisure Vessels						
Total	5 445	100%	255	100%	5 700	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000

Table 103 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type - 2005

Ship Type	P&I		Non P&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	5 173	2,5%	96	1,0%	5 270	2,5%
Specialized Cargo Ships	512	0,2%	72	0,8%	584	0,3%
Container Ships	38 276	18,7%	1 228	13,3%	39 504	18,4%
Ro-Ro Cargo Ships	19 872	9,7%	182	2,0%	20 055	9,4%
Bulk Carriers	74 995	36,6%	3 879	42,2%	78 874	36,8%
Oil and Chemical Tankers	50 837	24,8%	2 319	25,2%	53 156	24,8%
Gas Tankers	6 360	3,1%	47	0,5%	6 407	3,0%
Other Tankers	96	0,0%			96	0,0%
Passenger Ships	7 233	3,5%	176	1,9%	7 409	3,5%
Offshore Vessels	1 055	0,5%	766	8,3%	1 821	0,8%
Service Ships	706	0,3%	438	4,8%	1 144	0,5%
Tugs						
Leisure Vessels						
Total	205 116	100%	9 203	100%	214 319	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000

Graph 97 - Number of large ships, by P&I status – 2005**Graph 98 - Gross tonnage (in 1000 t) of large ships, by P&I status – 2005**

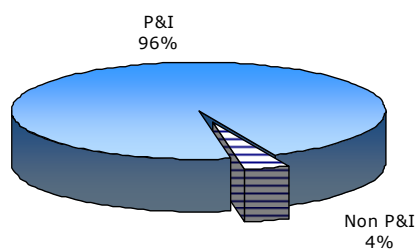
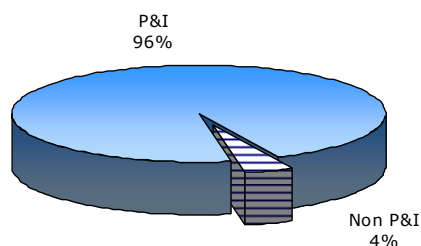
VERY LARGE SHIPS

Table 104 - P&I status : total number of very large⁽¹⁾ ships, by type - 2005

Ship Type	P&I		Non P&I		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	309	14,9%	14	16%	323	15,0%
Ro-Ro Cargo Ships	30	1,4%	1	1%	31	1,4%
Bulk Carriers	630	30,4%	8	9%	638	29,6%
Oil and Chemical Tankers	801	38,7%	33	38%	834	38,7%
Gas Tankers	153	7,4%	3	3%	156	7,2%
Other Tankers						
Passenger Ships	82	4,0%	3	3%	85	3,9%
Offshore Vessels	59	2,8%	24	28%	83	3,8%
Service Ships	7	0,3%			7	0,3%
Tugs						
Leisure Vessels						
Total	2 071	100%	86	100%	2 157	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000**Table 105 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type - 2005**

Ship Type	P&I		Non P&I		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	22 643	11,2%	1 112	12%	23 755	11,2%
Ro-Ro Cargo Ships	1 922	0,9%	63	1%	1 985	0,9%
Bulk Carriers	54 710	27,0%	644	7%	55 353	26,1%
Oil and Chemical Tankers	94 820	46,7%	4 061	45%	98 880	46,7%
Gas Tankers	15 071	7,4%	293	3%	15 365	7,3%
Other Tankers						
Passenger Ships	7 154	3,5%	257	3%	7 411	3,5%
Offshore Vessels	6 074	3,0%	2 595	29%	8 668	4,1%
Service Ships	496	0,2%			496	0,2%
Tugs						
Leisure Vessels						
Total	202 889	100%	9 023	100%	211 913	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000**Graph 99 - Number of large ships, by P&I status – 2005****Graph 100 - Gross tonnage (in 1000 t) of large ships, by P&I status – 2005**

4.2. P&I AND AGE

WHOLE FLEET

Table 106 - P&I world fleet, total number of ships, by type and age – 2005

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	429	9,9%	1 363	18,6%	1 497	23,9%	899	21,9%	4 188	19,0%
Specialized Cargo Ships	6	0,1%	13	0,2%	34	0,5%	32	0,8%	85	0,4%
Container Ships	765	17,7%	1 276	17,4%	483	7,7%	189	4,6%	2 713	12,3%
Ro-Ro Cargo Ships	140	3,2%	287	3,9%	328	5,2%	209	5,1%	964	4,4%
Bulk Carriers	1 052	24,3%	1 562	21,3%	1 592	25,4%	663	16,2%	4 869	22,1%
Oil and Chemical Tankers	1 253	29,0%	1 665	22,7%	1 195	19,1%	499	12,2%	4 612	21,0%
Gas Tankers	139	3,2%	287	3,9%	183	2,9%	144	3,5%	753	3,4%
Other Tankers	11	0,3%	18	0,2%	25	0,4%	34	0,8%	88	0,4%
Passenger Ships	198	4,6%	444	6,1%	298	4,8%	487	11,9%	1 427	6,5%
Offshore Vessels	201	4,6%	188	2,6%	328	5,2%	284	6,9%	1 001	4,5%
Service Ships	48	1,1%	98	1,3%	157	2,5%	158	3,9%	461	2,1%
Tugs	81	1,9%	127	1,7%	134	2,1%	485	11,8%	827	3,8%
Leisure Vessels	3	0,1%	7	0,1%	3	0,0%	13	0,3%	26	0,1%
Total	4 326	100%	7 335	100%	6 257	100%	4 096	100%	22 014	100%

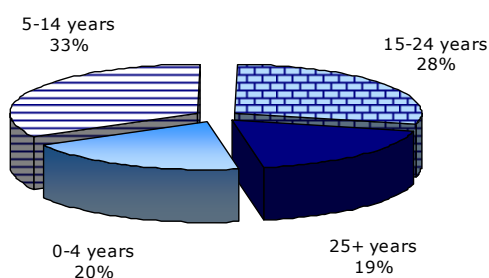
Source : Equasis processed by Emsa

Table 107 - P&I gross tonnage (in 1000 t) of ships, by type and age - 2005

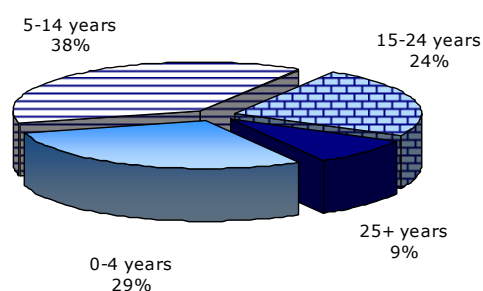
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	3 331	2,2%	9 763	4,9%	10 031	8,1%	6 501	13,5%	29 627	5,6%
Specialized Cargo Ships	101	0,1%	95	0,0%	366	0,3%	551	1,1%	1 113	0,2%
Container Ships	30 136	19,6%	32 434	16,3%	12 265	9,8%	4 128	8,6%	78 963	15,0%
Ro-Ro Cargo Ships	5 587	3,6%	8 488	4,3%	9 517	7,6%	4 011	8,3%	27 603	5,2%
Bulk Carriers	40 793	26,5%	59 038	29,6%	52 106	41,8%	11 547	24,0%	163 485	31,1%
Oil and Chemical Tankers	57 531	37,4%	71 353	35,8%	30 234	24,3%	7 609	15,8%	166 727	31,7%
Gas Tankers	7 357	4,8%	8 117	4,1%	4 078	3,3%	4 803	10,0%	24 354	4,6%
Other Tankers	104	0,1%	108	0,1%	130	0,1%	191	0,4%	533	0,1%
Passenger Ships	6 487	4,2%	7 290	3,7%	3 648	2,9%	3 207	6,7%	20 631	3,9%
Offshore Vessels	1 385	0,9%	1 796	0,9%	1 089	0,9%	4 803	10,0%	9 073	1,7%
Service Ships	891	0,6%	717	0,4%	980	0,8%	649	1,3%	3 236	0,6%
Tugs	55	0,0%	84	0,0%	83	0,1%	197	0,4%	419	0,1%
Leisure Vessels	3	0,0%	20	0,0%	2	0,0%	0	0,0%	26	0,0%
Total	153 761	100%	199 301	100%	124 528	100%	48 198	100%	525 788	100%

Source : Equasis processed by Emsa

Graph 101 - P&I whole fleet, by age – 2005



Graph 102 - Gross tonnage (in 1000 t) of P&I whole fleet, by age – 2005



SMALL SHIPS

Table 108 - P&I total number of small⁽¹⁾ ships, by type and age - 2005

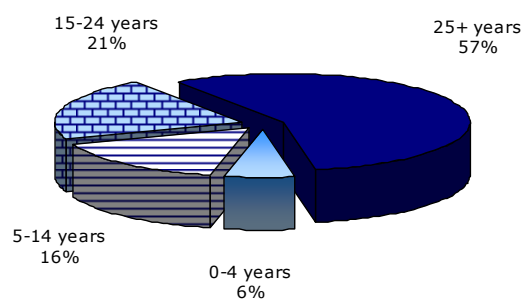
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			4	2,4%	20	9,2%	31	5,4%	55	5,4%
Specialized Cargo Ships										0,0%
Container Ships										0,0%
Ro-Ro Cargo Ships							1	0,2%	1	0,1%
Bulk Carriers					2	0,9%	1	0,2%	3	0,3%
Oil and Chemical Tankers	2	3,2%	3	1,8%	10	4,6%	21	3,6%	36	3,5%
Gas Tankers					1	0,5%			1	0,1%
Other Tankers			1	0,6%	1	0,5%			2	0,2%
Passenger Ships	12	19,4%	69	42,1%	53	24,3%	81	14,0%	215	21,0%
Offshore Vessels			2	1,2%	18	8,3%	22	3,8%	42	4,1%
Service Ships	1	1,6%	6	3,7%	19	8,7%	22	3,8%	48	4,7%
Tugs	47	75,8%	79	48,2%	93	42,7%	387	66,8%	606	59,2%
Leisure Vessels					1	0,5%	13	2,2%	14	1,4%
Total	62	100%	164	100%	218	100%	579	100%	1 023	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500Table 109 - P&I gross tonnage (in 1000 t) of small⁽¹⁾ ships, by type and age - 2005

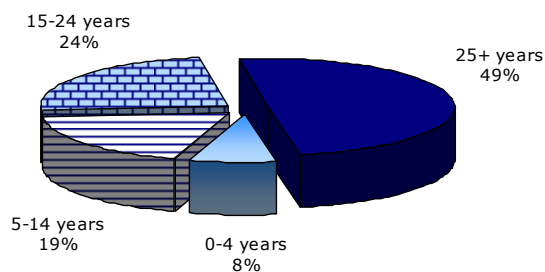
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			2	3,1%	8	12,8%	11	8,1%	21	7,7%
Specialized Cargo Ships										
Container Ships										
Ro-Ro Cargo Ships							0	0,3%	0	0,1%
Bulk Carriers					1	1,5%	0	0,1%	1	0,4%
Oil and Chemical Tankers	1	4,8%	1	3,0%	4	6,8%	8	5,8%	15	5,4%
Gas Tankers					0	0,8%			0	0,2%
Other Tankers			0	0,8%	0	0,5%			1	0,3%
Passenger Ships	5	22,6%	18	35,5%	15	23,4%	21	15,3%	58	21,6%
Offshore Vessels			1	1,8%	5	8,1%	7	5,2%	13	4,9%
Service Ships	0	1,6%	2	4,0%	6	9,5%	4	3,1%	13	4,7%
Tugs	15	71,0%	26	51,8%	23	36,2%	84	62,2%	148	54,7%
Leisure Vessels					0	0,5%	0	0,0%	0	0,1%
Total	21	100%	50	100%	65	100%	135	100%	271	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500

Graph 103 - P&I small ships, by age - 2005



Graph 104 - Gross tonnage (in 1000 t) of P&I small ships, by age - 2005



MEDIUM SHIPS

Table 110 - P&I total number of medium⁽¹⁾ ships, by type and age - 2005

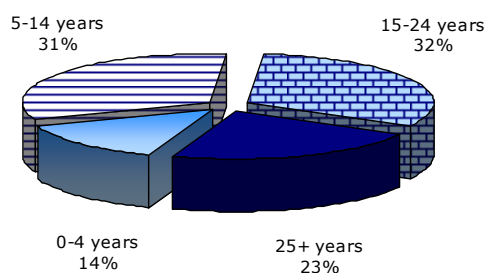
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	411	22,6%	1 288	29,7%	1 422	33,3%	835	27,5%	3 956	29,4%
Specialized Cargo Ships	5	0,3%	13	0,3%	31	0,7%	20	0,7%	69	0,5%
Container Ships	243	13,3%	796	18,3%	262	6,1%	118	3,9%	1 419	10,5%
Ro-Ro Cargo Ships	43	2,4%	155	3,6%	137	3,2%	147	4,8%	482	3,6%
Bulk Carriers	235	12,9%	448	10,3%	833	19,5%	565	18,6%	2 081	15,4%
Oil and Chemical Tankers	471	25,9%	847	19,5%	778	18,2%	416	13,7%	2 512	18,6%
Gas Tankers	51	2,8%	196	4,5%	135	3,2%	66	2,2%	448	3,3%
Other Tankers	9	0,5%	17	0,4%	24	0,6%	33	1,1%	83	0,6%
Passenger Ships	83	4,6%	272	6,3%	181	4,2%	389	12,8%	925	6,9%
Offshore Vessels	193	10,6%	166	3,8%	301	7,0%	218	7,2%	878	6,5%
Service Ships	40	2,2%	90	2,1%	128	3,0%	131	4,3%	389	2,9%
Tugs	34	1,9%	48	1,1%	41	1,0%	98	3,2%	221	1,6%
Leisure Vessels	3	0,2%	7	0,2%	2	0,0%			12	0,1%
Total	1 821	100%	4 343	100%	4 275	100%	3 036	100%	13 475	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000Table 111 - P&I gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age - 2005

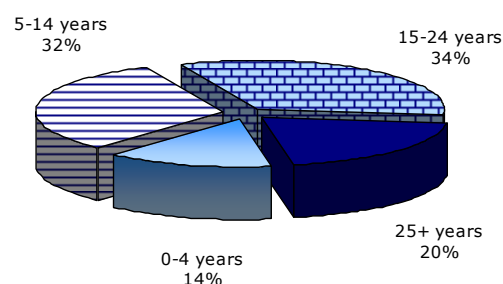
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2 748	16,3%	7 614	20,4%	8 495	21,5%	5 575	23,4%	24 432	20,8%
Specialized Cargo Ships	71	0,4%	95	0,3%	264	0,7%	171	0,7%	600	0,5%
Container Ships	2 987	17,7%	9 988	26,8%	3 425	8,7%	1 643	6,9%	18 043	15,4%
Ro-Ro Cargo Ships	676	4,0%	1 920	5,1%	1 460	3,7%	1 752	7,3%	5 808	4,9%
Bulk Carriers	3 925	23,3%	6 975	18,7%	15 049	38,2%	7 831	32,8%	33 780	28,7%
Oil and Chemical Tankers	4 540	26,9%	6 483	17,4%	7 237	18,4%	2 796	11,7%	21 056	17,9%
Gas Tankers	392	2,3%	1 266	3,4%	937	2,4%	327	1,4%	2 922	2,5%
Other Tankers	38	0,2%	107	0,3%	130	0,3%	161	0,7%	436	0,4%
Passenger Ships	513	3,0%	1 739	4,7%	1 229	3,1%	2 704	11,3%	6 185	5,3%
Offshore Vessels	554	3,3%	437	1,2%	586	1,5%	354	1,5%	1 931	1,6%
Service Ships	395	2,3%	628	1,7%	553	1,4%	446	1,9%	2 021	1,7%
Tugs	40	0,2%	57	0,2%	60	0,2%	113	0,5%	271	0,2%
Leisure Vessels	3	0,0%	20	0,1%	2	0,0%			26	0,0%
Total	16 883	100%	37 329	100%	39 427	100%	23 873	100%	117 512	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000

Graph 105 - P&I medium ships, by age - 2005



Graph 106 - Gross tonnage (in 1000 t) of P&I medium ships, by age - 2005



LARGE SHIPS

Table 112 - P&I total number of large⁽¹⁾ ships, by type and age - 2005

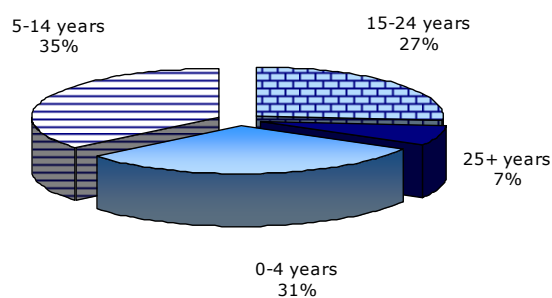
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	18	1,1%	71	3,6%	55	3,8%	33	8,7%	177	3,3%
Specialized Cargo Ships	1	0,1%			3	0,2%	12	3,2%	16	0,3%
Container Ships	322	19,3%	376	19,2%	216	15,0%	71	18,8%	985	18,1%
Ro-Ro Cargo Ships	78	4,7%	124	6,3%	188	13,0%	61	16,1%	451	8,3%
Bulk Carriers	668	40,1%	835	42,6%	563	39,0%	89	23,5%	2 155	39,6%
Oil and Chemical Tankers	477	28,6%	439	22,4%	315	21,8%	32	8,5%	1 263	23,2%
Gas Tankers	32	1,9%	42	2,1%	26	1,8%	51	13,5%	151	2,8%
Other Tankers	2	0,1%					1	0,3%	3	0,1%
Passenger Ships	66	4,0%	62	3,2%	60	4,2%	17	4,5%	205	3,8%
Offshore Vessels	1	0,1%	8	0,4%	7	0,5%	6	1,6%	22	0,4%
Service Ships			2	0,1%	10	0,7%	5	1,3%	17	0,3%
Tugs										
Leisure Vessels										
Total	1 665	100%	1 959	100%	1 443	100%	378	100%	5 445	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000Table 113 - P&I gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age - 2005

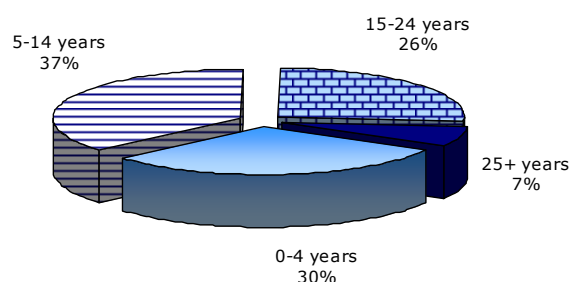
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	584	0,9%	2 148	2,9%	1 527	2,8%	915	6,8%	5 173	2,5%
Specialized Cargo Ships	30	0,0%			102	0,2%	381	2,8%	512	0,2%
Container Ships	12 199	19,6%	15 062	20,1%	8 530	15,7%	2 486	18,4%	38 276	18,7%
Ro-Ro Cargo Ships	3 731	6,0%	6 025	8,0%	7 857	14,5%	2 259	16,7%	19 872	9,7%
Bulk Carriers	23 444	37,6%	28 687	38,3%	19 763	36,4%	3 100	22,9%	74 995	36,6%
Oil and Chemical Tankers	18 521	29,7%	18 476	24,6%	12 483	23,0%	1 356	10,0%	50 837	24,8%
Gas Tankers	1 353	2,2%	1 800	2,4%	1 135	2,1%	2 071	15,3%	6 360	3,1%
Other Tankers	66	0,1%					30	0,2%	96	0,0%
Passenger Ships	2 374	3,8%	2 251	3,0%	2 126	3,9%	482	3,6%	7 233	3,5%
Offshore Vessels	34	0,1%	427	0,6%	346	0,6%	248	1,8%	1 055	0,5%
Service Ships			87	0,1%	421	0,8%	199	1,5%	706	0,3%
Tugs										
Leisure Vessels										
Total	62 337	100%	74 962	100%	54 291	100%	13 526	100%	205 116	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000

Graph 107 - P&I large ships, by age - 2005



Graph 108 - Gross tonnage (in 1000 t) of P&I large ships, by age - 2005



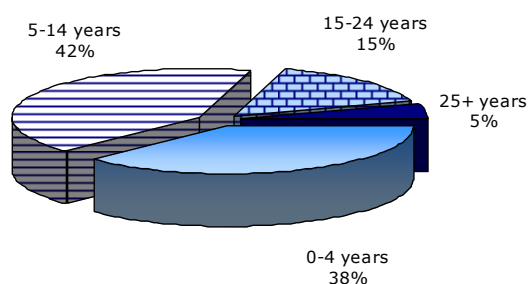
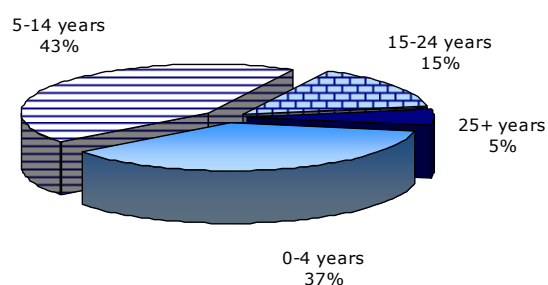
VERY LARGE SHIPS

Table 114 - P&I total number of very large⁽¹⁾ ships, by type and age - 2005

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	200	25,7%	104	12,0%	5	1,6%			309	14,9%
Ro-Ro Cargo Ships	19	2,4%	8	0,9%	3	0,9%			30	1,4%
Bulk Carriers	149	19,2%	279	32,1%	194	60,4%	8	7,8%	630	30,4%
Oil and Chemical Tankers	303	38,9%	376	43,3%	92	28,7%	30	29,1%	801	38,7%
Gas Tankers	56	7,2%	49	5,6%	21	6,5%	27	26,2%	153	7,4%
Other Tankers										
Passenger Ships	37	4,8%	41	4,7%	4	1,2%			82	4,0%
Offshore Vessels	7	0,9%	12	1,4%	2	0,6%	38	36,9%	59	2,8%
Service Ships	7	0,9%							7	0,3%
Tugs										
Leisure Vessels										
Total	778	100%	869	100%	321	100%	103	100%	2 071	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000**Table 115 - P&I gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2005**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	14 950	20,1%	7 384	8,5%	310	1,0%			22 643	11,2%
Ro-Ro Cargo Ships	1 179	1,6%	543	0,6%	200	0,6%			1 922	0,9%
Bulk Carriers	13 423	18,0%	23 377	26,9%	17 293	56,2%	616	5,8%	54 710	27,0%
Oil and Chemical Tankers	34 469	46,3%	46 392	53,3%	10 510	34,2%	3 449	32,3%	94 820	46,7%
Gas Tankers	5 611	7,5%	5 051	5,8%	2 005	6,5%	2 404	22,5%	15 071	7,4%
Other Tankers										
Passenger Ships	3 595	4,8%	3 282	3,8%	277	0,9%			7 154	3,5%
Offshore Vessels	797	1,1%	931	1,1%	151	0,5%	4 193	39,3%	6 073	3,0%
Service Ships	496	0,7%							496	0,2%
Tugs										
Leisure Vessels										
Total	74 520	100%	86 961	100%	30 746	100%	10 662	100%	202 889	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000**Graph 109 - P&I very large ships, by age – 2005****Graph 110 - Gross tonnage (in 1000 t) of P&I very large ships, by age – 2005**

4.3. NON P&I AND AGE

WHOLE FLEET

Table 116 - Non P&I world fleet, total number of ships, by type and age – 2005

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			710	9,6%	1 617	17,8%	4 281	21,5%	6 608	16,9%
Specialized Cargo Ships			1 071	14,5%	1 157	12,7%	2 549	12,8%	4 777	12,2%
Container Ships	243	8,6%	70	1,0%	55	0,6%	131	0,7%	499	1,3%
Ro-Ro Cargo Ships	162	5,7%	73	1,0%	91	1,0%	232	1,2%	558	1,4%
Bulk Carriers	23	0,8%	244	3,3%	421	4,6%	671	3,4%	1 359	3,5%
Oil and Chemical Tankers	39	1,4%	859	11,7%	1 060	11,6%	2 353	11,8%	4 311	11,0%
Gas Tankers	189	6,7%	77	1,0%	82	0,9%	156	0,8%	504	1,3%
Other Tankers	15	0,5%	56	0,8%	59	0,6%	161	0,8%	291	0,7%
Passenger Ships	378	13,3%	1 046	14,2%	1 117	12,3%	1 858	9,3%	4 399	11,2%
Offshore Vessels	339	11,9%	290	3,9%	762	8,4%	1 342	6,7%	2 733	7,0%
Service Ships	232	8,2%	487	6,6%	969	10,6%	1 591	8,0%	3 279	8,4%
Tugs	1 038	36,6%	2 238	30,4%	1 616	17,8%	4 357	21,9%	9 249	23,6%
Leisure Vessels	179	6,3%	147	2,0%	98	1,1%	222	1,1%	646	1,6%
Total	2 837	100%	7 368	100%	9 104	100%	19 904	100%	39 213	100%

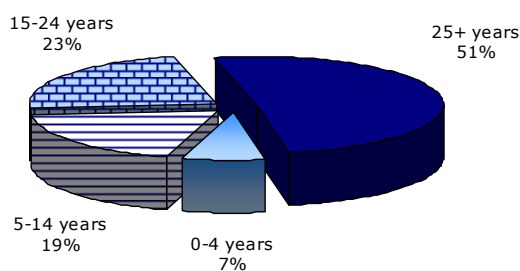
Source : Equasis processed by Emsa

Table 117 - Non P&I gross tonnage (in 1000 t) of ships, by type and age - 2005

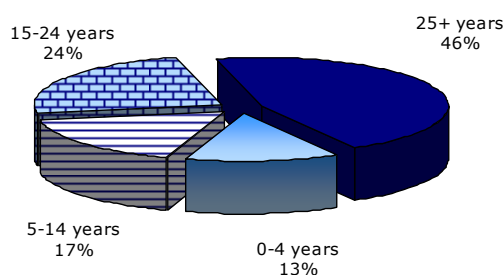
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			2 100	16,6%	5 126	28,1%	11 807	34,7%	19 032	25,4%
Specialized Cargo Ships			380	3,0%	385	2,1%	914	2,7%	1 679	2,2%
Container Ships	1 563	15,7%	771	6,1%	449	2,5%	843	2,5%	3 626	4,8%
Ro-Ro Cargo Ships	378	3,8%	344	2,7%	469	2,6%	1 087	3,2%	2 277	3,0%
Bulk Carriers	350	3,5%	715	5,6%	2 921	16,0%	6 256	18,4%	10 242	13,7%
Oil and Chemical Tankers	2 266	22,8%	1 591	12,5%	2 165	11,9%	4 965	14,6%	10 986	14,7%
Gas Tankers	642	6,5%	429	3,4%	182	1,0%	229	0,7%	1 482	2,0%
Other Tankers	47	0,5%	443	3,5%	203	1,1%	176	0,5%	868	1,2%
Passenger Ships	1 031	10,4%	1 550	12,2%	2 792	15,3%	2 209	6,5%	7 581	10,1%
Offshore Vessels	1 930	19,4%	1 878	14,8%	1 405	7,7%	2 309	6,8%	7 523	10,1%
Service Ships	1 112	11,2%	1 238	9,8%	1 381	7,6%	2 123	6,2%	5 853	7,8%
Tugs	362	3,6%	975	7,7%	571	3,1%	1 040	3,1%	2 949	3,9%
Leisure Vessels	252	2,5%	269	2,1%	165	0,9%	41	0,1%	727	1,0%
Total	9 932	100%	12 682	100%	18 214	100%	33 997	100%	74 826	100%

Source : Equasis processed by Emsa

Graph 111 - Non P&I whole fleet, by age – 2005



Graph 112 - Gross tonnage (in 1000 t) of non P&I whole fleet, by age – 2005



SMALL SHIPS

Table 118 - Non P&I total number of small⁽¹⁾ ships, by type and age - 2005

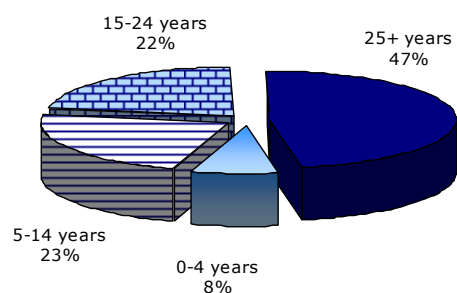
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships			1 066	20,8%	1 142	22,5%	2 494	23,3%	4 702	20,8%
Container Ships			1	0,0%	4	0,1%	25	0,2%	30	0,1%
Ro-Ro Cargo Ships	134	7,8%	8	0,2%	5	0,1%	18	0,2%	165	0,7%
Bulk Carriers	1	0,1%	120	2,3%	169	3,3%	141	1,3%	431	1,9%
Oil and Chemical Tankers	1	0,1%	529	10,3%	508	10,0%	880	8,2%	1 918	8,5%
Gas Tankers	60	3,5%	5	0,1%	14	0,3%	27	0,3%	106	0,5%
Other Tankers	2	0,1%	22	0,4%	34	0,7%	93	0,9%	151	0,7%
Passenger Ships	224	13,1%	731	14,3%	730	14,4%	1 190	11,1%	2 875	12,7%
Offshore Vessels	77	4,5%	88	1,7%	333	6,6%	718	6,7%	1 216	5,4%
Service Ships	104	6,1%	263	5,1%	569	11,2%	800	7,5%	1 736	7,7%
Tugs	997	58,1%	2 178	42,5%	1 496	29,5%	4 140	38,6%	8 811	38,9%
Leisure Vessels	116	6,8%	108	2,1%	73	1,4%	199	1,9%	496	2,2%
Total	1 716	100%	5 119	100%	5 077	100%	10 725	100%	22 637	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500Table 119 - Non P&I gross tonnage (in 1000 t) of small⁽¹⁾ ships, by type and age - 2005

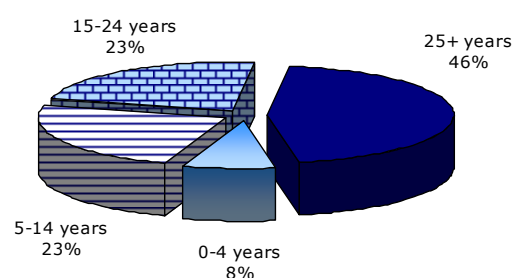
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships			367	26,2%	334	24,2%	775	28,6%	1 477	24,7%
Container Ships					1	0,1%	10	0,4%	11	0,2%
Ro-Ro Cargo Ships	54	11,1%	4	0,3%	2	0,1%	7	0,2%	66	1,1%
Bulk Carriers			50	3,5%	69	5,0%	45	1,7%	163	2,7%
Oil and Chemical Tankers			171	12,2%	152	11,0%	290	10,7%	613	10,2%
Gas Tankers	23	4,7%	2	0,1%	6	0,4%	9	0,3%	40	0,7%
Other Tankers	1	0,2%	6	0,4%	9	0,7%	25	0,9%	41	0,7%
Passenger Ships	61	12,5%	184	13,1%	179	12,9%	290	10,7%	713	11,9%
Offshore Vessels	31	6,4%	26	1,9%	98	7,1%	188	6,9%	343	5,7%
Service Ships	25	5,1%	69	5,0%	168	12,2%	188	6,9%	450	7,5%
Tugs	256	52,5%	496	35,4%	345	24,9%	864	31,9%	1 961	32,8%
Leisure Vessels	37	7,5%	27	2,0%	19	1,4%	18	0,7%	101	1,7%
Total	489	100%	1 401	100%	1 382	100%	2 707	100%	5 979	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500

Graph 113 - Non P&I small ships, by age - 2005



Graph 114 - Gross tonnage (in 1000 t) of non P&I small ships, by age - 2005



MEDIUM SHIPS

Table 120 - Non P&I total number of medium⁽¹⁾ ships, by type and age - 2005

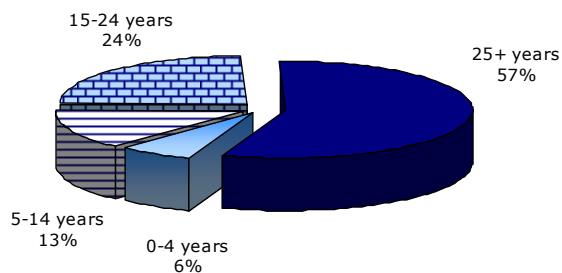
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			710	32,8%	1 617	41,1%	4 281	47,0%	6 608	40,7%
Specialized Cargo Ships			5	0,2%	15	0,4%	55	0,6%	75	0,5%
Container Ships	234	22,6%	64	3,0%	51	1,3%	93	1,0%	442	2,7%
Ro-Ro Cargo Ships	27	2,6%	65	3,0%	86	2,2%	211	2,3%	389	2,4%
Bulk Carriers	20	1,9%	124	5,7%	247	6,3%	502	5,5%	893	5,5%
Oil and Chemical Tankers	22	2,1%	324	15,0%	546	13,9%	1 456	16,0%	2 348	14,5%
Gas Tankers	128	12,4%	69	3,2%	66	1,7%	128	1,4%	391	2,4%
Other Tankers	12	1,2%	24	1,1%	21	0,5%	68	0,7%	125	0,8%
Passenger Ships	145	14,0%	312	14,4%	338	8,6%	666	7,3%	1 461	9,0%
Offshore Vessels	237	22,9%	171	7,9%	413	10,5%	611	6,7%	1 432	8,8%
Service Ships	112	10,8%	213	9,8%	399	10,1%	788	8,7%	1 512	9,3%
Tugs	39	3,8%	50	2,3%	117	3,0%	217	2,4%	423	2,6%
Leisure Vessels	60	5,8%	32	1,5%	21	0,5%	23	0,3%	136	0,8%
Total	1 036	100%	2 163	100%	3 937	100%	9 099	100%	16 235	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000Table 121 - Non P&I gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age - 2005

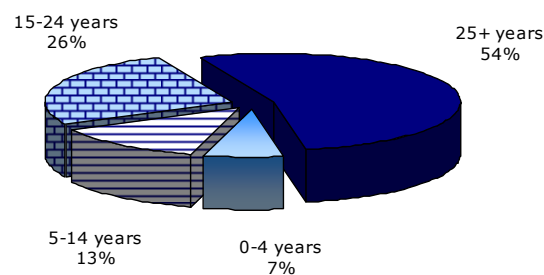
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			2 100	30,9%	5 126	38,9%	11 807	43,5%	19 032	37,6%
Specialized Cargo Ships			13	0,2%	51	0,4%	139	0,5%	203	0,4%
Container Ships	795	22,5%	426	6,3%	448	3,4%	405	1,5%	2 074	4,1%
Ro-Ro Cargo Ships	261	7,4%	340	5,0%	467	3,5%	981	3,6%	2 049	4,0%
Bulk Carriers	156	4,4%	665	9,8%	2 463	18,7%	5 278	19,5%	8 561	16,9%
Oil and Chemical Tankers	178	5,0%	719	10,6%	1 474	11,2%	3 457	12,7%	5 829	11,5%
Gas Tankers	523	14,8%	193	2,9%	105	0,8%	173	0,6%	994	2,0%
Other Tankers	16	0,5%	30	0,4%	31	0,2%	151	0,6%	228	0,5%
Passenger Ships	560	15,8%	1 206	17,8%	1 081	8,2%	1 842	6,8%	4 689	9,3%
Offshore Vessels	498	14,1%	357	5,3%	611	4,6%	854	3,2%	2 320	4,6%
Service Ships	429	12,1%	657	9,7%	1 186	9,0%	1 834	6,8%	4 106	8,1%
Tugs	35	1,0%	49	0,7%	113	0,9%	176	0,6%	373	0,7%
Leisure Vessels	87	2,5%	31	0,5%	20	0,2%	23	0,1%	162	0,3%
Total	3 538	100%	6 786	100%	13 175	100%	27 119	100%	50 619	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000

Graph 115 - Non P&I medium ships, by age - 2005



Graph 116 - Gross tonnage (in 1000 t) of non P&I medium ships, by age - 2005



LARGE SHIPS

Table 122 - Non P&I total number of large⁽¹⁾ ships, by type and age - 2005

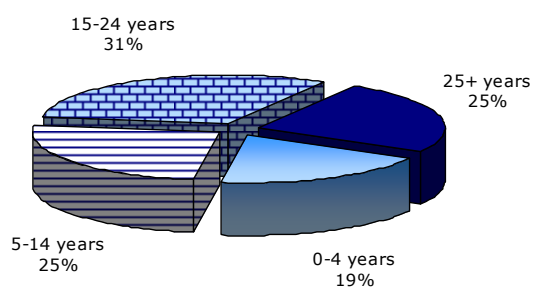
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships							13	20,6%	13	5,1%
Ro-Ro Cargo Ships							3	4,8%	3	1,2%
Bulk Carriers							27	42,9%	27	10,6%
Oil and Chemical Tankers					1	1,3%	11	17,5%	12	4,7%
Gas Tankers			1	1,6%	2	2,5%	1	1,6%	4	1,6%
Other Tankers	1	2,1%	10	15,6%	4	5,0%			15	5,9%
Passenger Ships	7	14,6%	2	3,1%	49	61,3%	2	3,2%	60	23,5%
Offshore Vessels	19	39,6%	23	35,9%	16	20,0%	3	4,8%	61	23,9%
Service Ships	16	33,3%	11	17,2%	1	1,3%	3	4,8%	31	12,2%
Tugs	2	4,2%	10	15,6%	3	3,8%			15	5,9%
Leisure Vessels	3	6,3%	7	10,9%	4	5,0%			14	5,5%
Total	48	100%	64	100%	80	100%	63	100%	255	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000Table 123 - Non P&I gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age - 2005

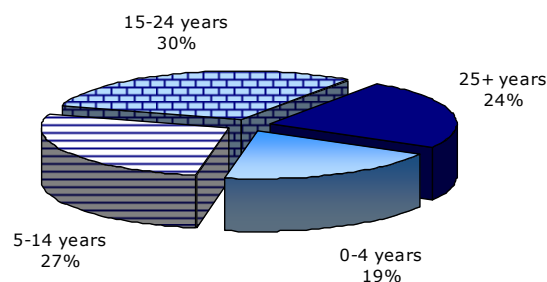
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships							429	19,7%	429	4,7%
Ro-Ro Cargo Ships							99	4,6%	99	1,1%
Bulk Carriers							873	40,2%	873	9,5%
Oil and Chemical Tankers					30	1,1%	453	20,8%	483	5,2%
Gas Tankers			36	1,5%	72	2,6%	47	2,2%	155	1,7%
Other Tankers	30	1,7%	407	16,4%	163	5,9%			599	6,5%
Passenger Ships	230	12,9%	83	3,4%	1 532	55,5%	78	3,6%	1 923	20,9%
Offshore Vessels	671	37,5%	803	32,4%	697	25,2%	94	4,3%	2 265	24,6%
Service Ships	658	36,8%	512	20,6%	27	1,0%	101	4,6%	1 297	14,1%
Tugs	71	4,0%	431	17,3%	114	4,1%			615	6,7%
Leisure Vessels	128	7,2%	211	8,5%	126	4,6%			465	5,0%
Total	1 786	100%	2 483	100%	2 760	100%	2 174	100%	9 203	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000

Graph 117 - Non P&I large ships, by age - 2005



Graph 118 - Gross tonnage (in 1000 t) of non P&I large ships, by age - 2005



VERY LARGE SHIPS

Table 124 - Non P&I total number of very large⁽¹⁾ ships, by type and age - 2005

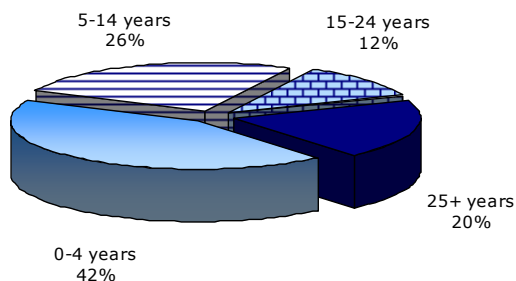
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	9	24,3%	5	22,7%					14	16,3%
Ro-Ro Cargo Ships	1	2,7%							1	1,2%
Bulk Carriers	2	5,4%			5	50,0%	1	5,9%	8	9,3%
Oil and Chemical Tankers	16	43,2%	6	27,3%	5	50,0%	6	35,3%	33	38,4%
Gas Tankers	1	2,7%	2	9,1%					3	3,5%
Other Tankers										
Passenger Ships	2	5,4%	1	4,5%					3	3,5%
Offshore Vessels	6	16,2%	8	36,4%			10	58,8%	24	27,9%
Service Ships										
Tugs										
Leisure Vessels										
Total	37	100%	22	100%	10	100%	17	100%	86	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000Table 125 - Non P&I gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2005

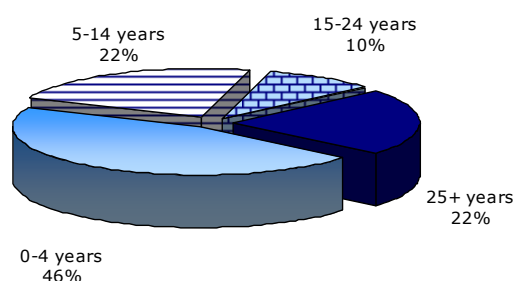
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	768	18,6%	344	17,1%					1 112	12,3%
Ro-Ro Cargo Ships	63	1,5%							63	0,7%
Bulk Carriers	194	4,7%			389	43,4%	60	3,0%	644	7,1%
Oil and Chemical Tankers	2 087	50,7%	701	34,9%	508	56,6%	765	38,3%	4 061	45,0%
Gas Tankers	96	2,3%	198	9,8%					293	3,2%
Other Tankers										
Passenger Ships	180	4,4%	77	3,8%					257	2,8%
Offshore Vessels	730	17,7%	692	34,4%			1 173	58,7%	2 595	28,8%
Service Ships										
Tugs										
Leisure Vessels										
Total	4 118	100%	2 011	100%	897	100%	1 998	100%	9 023	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000

Graph 119 - Non P&I very large ships, by age - 2005



Graph 120 - Gross tonnage (in 1000 t) of non P&I very large ships, by age - 2005



4.4. P&I STATUS AND FLAG

WHOLE FLEET

Table 126 - P&I status : world fleet, total number of ships, by type and flag- 2005

Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	1 305	22,8%	4 979	44,0%	6 284	2 883	17,7%	6 702	24,0%	9 585
Specialized Cargo Ships	18	0,3%	60	0,5%	78	67	0,4%	47	0,2%	114
Container Ships	674	11,8%	94	0,8%	768	2 039	12,5%	189	0,7%	2 228
Ro-Ro Cargo Ships	335	5,9%	163	1,4%	498	629	3,9%	257	0,9%	886
Bulk Carriers	1 746	30,5%	392	3,5%	2 138	3 123	19,2%	1 060	3,8%	4 183
Oil and Chemical Tankers	1 001	17,5%	1 263	11,2%	2 264	3 611	22,2%	3 255	11,7%	6 866
Gas Tankers	211	3,7%	72	0,6%	283	542	3,3%	255	0,9%	797
Other Tankers	17	0,3%	83	0,7%	100	71	0,4%	179	0,6%	250
Passenger Ships	91	1,6%	817	7,2%	908	1 336	8,2%	3 527	12,6%	4 863
Offshore Vessels	193	3,4%	645	5,7%	838	808	5,0%	2 046	7,3%	2 854
Service Ships	52	0,9%	571	5,0%	623	409	2,5%	2 691	9,6%	3 100
Tugs	76	1,3%	2 138	18,9%	2 214	751	4,6%	7 096	25,4%	7 847
Leisure Vessels			45	0,4%	45	26	0,2%	587	2,1%	613
Total	5 719	100%	11 322	100%	17 041	16 295	100%	27 891	100%	44 186

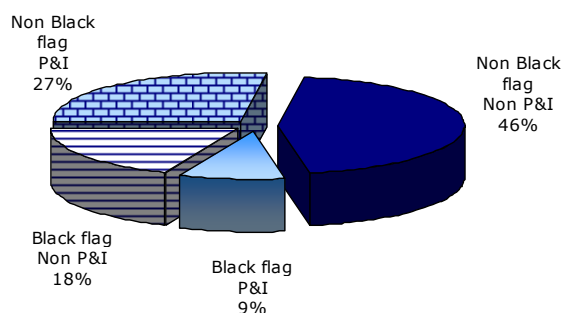
Source : Equasis processed by Emsa

Table 127 - P&I status : gross tonnage (in 1000 t) of ships, by type and flag - 2005

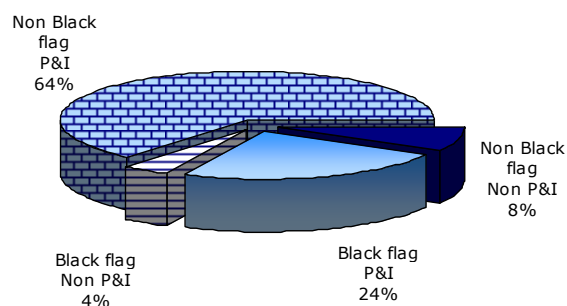
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	8 163	5,7%	9 818	39,4%	17 982	21 463	5,6%	11 636	23,3%	33 100
Specialized Cargo Ships	316	0,2%	122	0,5%	438	797	0,2%	164	0,3%	960
Container Ships	20 683	14,5%	919	3,7%	21 602	58 280	15,2%	2 961	5,9%	61 241
Ro-Ro Cargo Ships	10 877	7,6%	851	3,4%	11 728	16 726	4,4%	1 350	2,7%	18 076
Bulk Carriers	61 507	43,2%	4 628	18,6%	66 134	101 978	26,6%	8 643	17,3%	110 621
Oil and Chemical Tankers	31 279	22,0%	3 890	15,6%	35 169	135 448	35,3%	9 299	18,6%	144 747
Gas Tankers	4 969	3,5%	318	1,3%	5 286	19 385	5,1%	528	1,1%	19 913
Other Tankers	51	0,0%	118	0,5%	169	482	0,1%	134	0,3%	616
Passenger Ships	2 364	1,7%	1 339	5,4%	3 702	18 268	4,8%	4 495	9,0%	22 763
Offshore Vessels	1 960	1,4%	1 536	6,2%	3 495	7 113	1,9%	4 488	9,0%	11 601
Service Ships	154	0,1%	836	3,4%	990	3 082	0,8%	4 158	8,3%	7 240
Tugs	59	0,0%	539	2,2%	598	360	0,1%	1 795	3,6%	2 155
Leisure Vessels			22	0,1%	22	26	0,0%	241	0,5%	266
Total	142 381	100%	24 934	100%	167 315	383 407	100%	49 892	100%	433 299

Source : Equasis processed by Emsa

Graph 121 - Total number of ships, by P&I status and flag - 2005



Graph 122 - Gross tonnage (in 1000 t) of ships, by P&I status and flag - 2005



SMALL SHIPS

Table 128 - P&I status : total number of small⁽¹⁾ ships, by type and flag- 2005

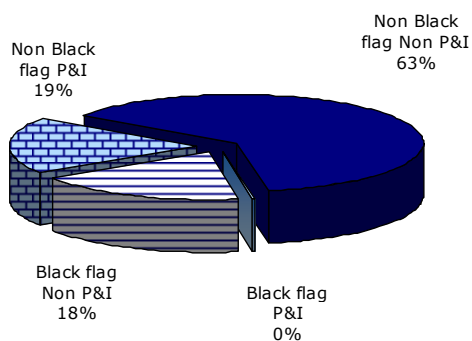
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	14	18,7%	1 563	30,3%	1 577	41	4,3%	3 273	18,7%	3 314
Specialized Cargo Ships			16	0,3%	16			14	0,1%	14
Container Ships										0
Ro-Ro Cargo Ships			10	0,2%	10	1	0,1%	22	0,1%	23
Bulk Carriers	1	1,3%	51	1,0%	52	2	0,2%	380	2,2%	382
Oil and Chemical Tankers	10	13,3%	365	7,1%	375	26	2,7%	1 612	9,2%	1 638
Gas Tankers			5	0,1%	5	1	0,1%	43	0,2%	44
Other Tankers			41	0,8%	41	2	0,2%	108	0,6%	110
Passenger Ships	2	2,7%	466	9,0%	468	213	22,5%	2 409	13,8%	2 622
Offshore Vessels	7	9,3%	291	5,6%	298	35	3,7%	925	5,3%	960
Service Ships	5	6,7%	273	5,3%	278	43	4,5%	1 463	8,4%	1 506
Tugs	36	48,0%	2 044	39,6%	2 080	570	60,1%	6 767	38,7%	7 337
Leisure Vessels			32	0,6%	32	14	1,5%	464	2,7%	478
Total	75	100%	5 157	100%	5 232	948	100%	17 480	100%	18 428

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500Table 129 - P&I status : gross tonnage (in 1000 t) of small⁽¹⁾ ships, by type and flag- 2005

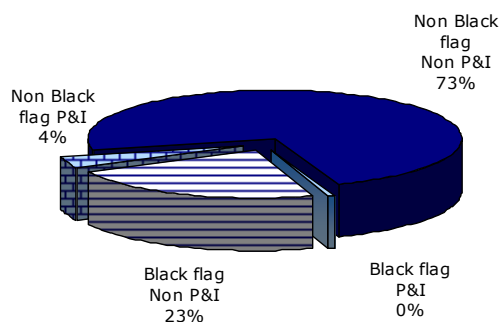
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	6	23,3%	497	35,1%	503	15	6,0%	1 034	22,7%	1 049
Specialized Cargo Ships			7	0,5%	7			5	0,1%	5
Container Ships										
Ro-Ro Cargo Ships			4	0,3%	4	0	0,2%	8	0,2%	9
Bulk Carriers	0,5	1,7%	20	1,4%	20	1	0,2%	144	3,2%	145
Oil and Chemical Tankers	5	18,2%	126	8,9%	131	10	4,1%	510	11,2%	520
Gas Tankers			2	0,2%	2			15	0,3%	15
Other Tankers			11	0,8%	11	1	0,3%	29	0,6%	29
Passenger Ships	0,4	1,5%	122	8,6%	123	58	23,8%	591	12,9%	649
Offshore Vessels	2	9,3%	86	6,1%	88	11	4,4%	257	5,6%	268
Service Ships	2	6,6%	72	5,1%	73	11	4,5%	379	8,3%	390
Tugs	10	39,5%	458	32,4%	468	138	56,4%	1 503	32,9%	1 641
Leisure Vessels			9	0,7%	9	0,3	0,1%	92	2,0%	92
Total	26	100%	1 414	100%	1 440	244	100%	4 566	100%	4 810

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500

Graph 123 - Total number of small ships, by P&I status and flag- 2005



Graph 124 - Gross tonnage (in 1000 t) of small ships, by P&I status and flag - 2005



MEDIUM SHIPS

Table 130 - P&I status : total number of medium⁽¹⁾ ships, by type and flag- 2005

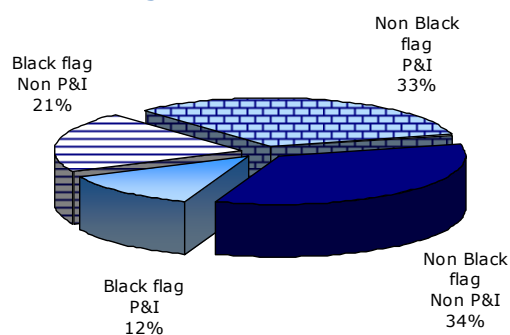
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	1 280	35,2%	3 416	56,2%	4 696	2 676	27,2%	3 426	33,7%	6 102
Specialized Cargo Ships	10	0,3%	44	0,7%	54	59	0,6%	31	0,3%	90
Container Ships	357	9,8%	87	1,4%	444	1 062	10,8%	148	1,5%	1 210
Ro-Ro Cargo Ships	124	3,4%	150	2,5%	274	358	3,6%	232	2,3%	590
Bulk Carriers	725	19,9%	302	5,0%	1 027	1 356	13,8%	593	5,8%	1 949
Oil and Chemical Tankers	663	18,2%	877	14,4%	1 540	1 849	18,8%	1 577	15,5%	3 426
Gas Tankers	144	4,0%	65	1,1%	209	304	3,1%	210	2,1%	514
Other Tankers	17	0,5%	42	0,7%	59	66	0,7%	71	0,7%	137
Passenger Ships	62	1,7%	351	5,8%	413	863	8,8%	1 110	10,9%	1 973
Offshore Vessels	168	4,6%	344	5,7%	512	710	7,2%	1 088	10,7%	1 798
Service Ships	47	1,3%	296	4,9%	343	342	3,5%	1 216	12,0%	1 558
Tugs	40	1,1%	94	1,5%	134	181	1,8%	329	3,2%	510
Leisure Vessels			13	0,2%	13	12	0,1%	123	1,2%	135
Total	3 637	100%	6 081	100%	9 718	9 838	100%	10 154	100%	19 992

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000Table 131 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag- 2005

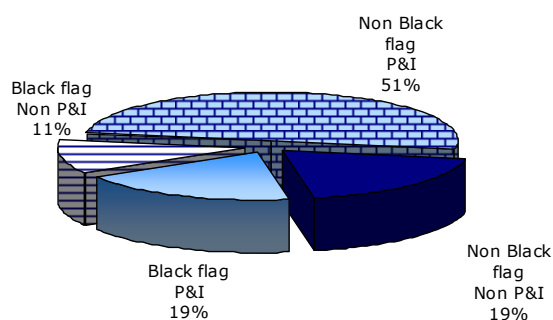
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	7 869	24,4%	9 321	50,3%	17 190	16 564	19,4%	10 506	32,7%	27 070
Specialized Cargo Ships	72	0,2%	115	0,6%	188	528	0,6%	87	0,3%	615
Container Ships	4 703	14,6%	535	2,9%	5 238	13 340	15,7%	1 005	3,1%	14 345
Ro-Ro Cargo Ships	1 456	4,5%	699	3,8%	2 155	4 352	5,1%	1 245	3,9%	5 597
Bulk Carriers	11 509	35,6%	3 036	16,4%	14 545	22 271	26,1%	5 547	17,3%	27 818
Oil and Chemical Tankers	4 792	14,8%	2 033	11,0%	6 825	16 264	19,1%	4 141	12,9%	20 405
Gas Tankers	775	2,4%	118	0,6%	893	2 148	2,5%	370	1,2%	2 517
Other Tankers	51	0,2%	106	0,6%	158	385	0,5%	106	0,3%	490
Passenger Ships	594	1,8%	1 216	6,6%	1 810	5 592	6,6%	3 472	10,8%	9 064
Offshore Vessels	265	0,8%	544	2,9%	809	1 666	2,0%	1 776	5,5%	3 441
Service Ships	152	0,5%	702	3,8%	854	1 869	2,2%	3 404	10,6%	5 273
Tugs	49	0,2%	81	0,4%	129	222	0,3%	292	0,9%	514
Leisure Vessels			12	0,1%	12	25	0,0%	149	0,5%	174
Total	32 286	100%	18 519	100%	50 806	85 225	100%	32 100	100%	117 325

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000

Graph 125 - Total number of medium ships, by P&I status and flag- 2005



Graph 126 - Gross tonnage (in 1000 t) of medium ships, by P&I status and flag - 2005



LARGE SHIPS

Table 132 - P&I status : total number of large⁽¹⁾ ships, by type and flag- 2005

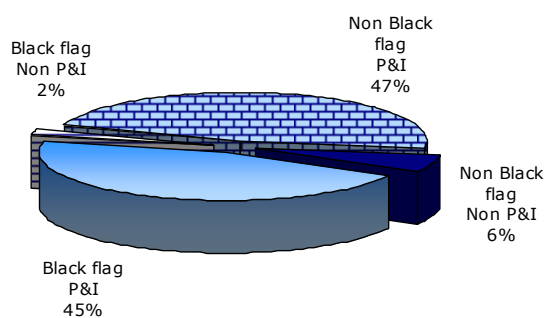
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	11	0,8%			11	166	4,2%	3	1,5%	169
Specialized Cargo Ships	8	0,6%			8	8	0,2%	2	1,0%	10
Container Ships	221	15,3%	4	6,8%	225	764	19,1%	30	15,3%	794
Ro-Ro Cargo Ships	199	13,8%	2	3,4%	201	252	6,3%	3	1,5%	255
Bulk Carriers	754	52,1%	34	57,6%	788	1 401	35,0%	84	42,9%	1 485
Oil and Chemical Tankers	194	13,4%	14	23,7%	208	1 069	26,7%	40	20,4%	1 109
Gas Tankers	44	3,0%			44	107	2,7%	1	0,5%	108
Other Tankers						3	0,1%			3
Passenger Ships	13	0,9%			13	192	4,8%	5	2,6%	197
Offshore Vessels	3	0,2%	3	5,1%	6	19	0,5%	16	8,2%	35
Service Ships			2	3,4%	2	17	0,4%	12	6,1%	29
Tugs										
Leisure Vessels										
Total	1 447	100%	59	100%	1 506	3 998	100%	196	100%	4 194

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000Table 133 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag- 2005

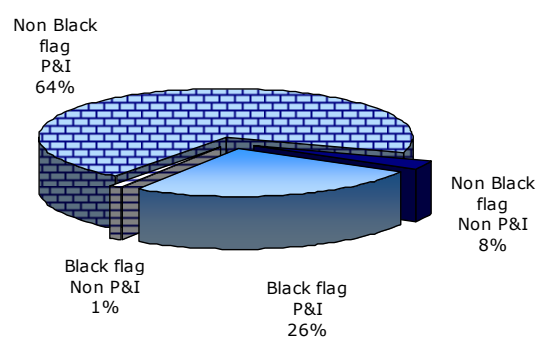
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships	289	0,5%			289	4 885	3,3%	96	1,4%	4 981
Specialized Cargo Ships	244	0,4%			244	268	0,2%	72	1,0%	340
Container Ships	9 119	16,6%	148	6,7%	9 267	29 157	19,4%	1 080	15,4%	30 238
Ro-Ro Cargo Ships	8 684	15,8%	86	3,9%	8 770	11 188	7,4%	97	1,4%	11 285
Bulk Carriers	26 480	48,3%	1 141	52,0%	27 622	48 514	32,3%	2 738	39,1%	51 252
Oil and Chemical Tankers	7 394	13,5%	627	28,6%	8 021	43 443	28,9%	1 692	24,1%	45 135
Gas Tankers	1 964	3,6%			1 964	4 396	2,9%	47	0,7%	4 443
Other Tankers					0	96	0,1%			96
Passenger Ships	526	1,0%			526	6 707	4,5%	176	2,5%	6 883
Offshore Vessels	136	0,2%	130	5,9%	267	919	0,6%	636	9,1%	1 555
Service Ships			63	2,9%	63	706	0,5%	375	5,3%	1 081
Tugs										
Leisure Vessels										
Total	54 837	100%	2 194	100%	57 031	150 279	100%	7 009	100%	157 288

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000

Graph 127 - Total number of large ships, by P&I status and flag- 2005



Graph 128 - Gross tonnage (in 1000 t) of large ships, by P&I status and flag - 2005



VERY LARGE SHIPS

Table 134 - P&I status : total number of very large⁽¹⁾ ships, by type and flag- 2005

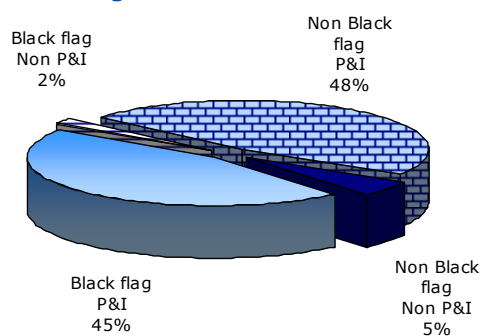
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	96	17,1%	3	12,0%	99	213	14,1%	11	18,0%	224
Ro-Ro Cargo Ships	12	2,1%	1	4,0%	13	18	1,2%			18
Bulk Carriers	266	47,5%	5	20,0%	271	364	24,1%	3	4,9%	367
Oil and Chemical Tankers	134	23,9%	7	28,0%	141	667	44,1%	26	42,6%	693
Gas Tankers	23	4,1%	2	8,0%	25	130	8,6%	1	1,6%	131
Other Tankers										
Passenger Ships	14	2,5%			14	68	4,5%	3	4,9%	71
Offshore Vessels	15	2,7%	7	28,0%	22	44	2,9%	17	27,9%	61
Service Ships						7	0,5%			7
Tugs										
Leisure Vessels										
Total	560	100%	25	100%	585	1 511	100%	61	100%	1 572

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000Table 135 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag- 2005

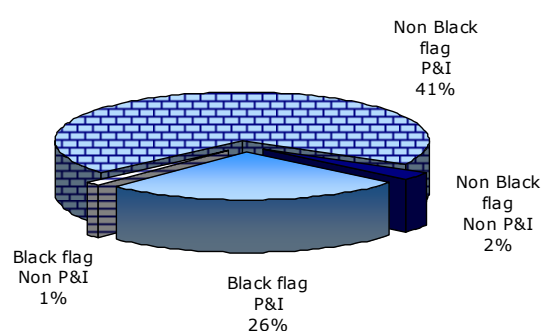
Ship Type	Black flag					Non black flag				
	P&I		Non P&I		Total	P&I		Non P&I		Total
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	6 862	12,4%	236	8,4%	7 097	15 782	10,7%	876	14,1%	16 658
Ro-Ro Cargo Ships	737	1,3%	63	2,2%	800	1 185	0,8%			1 185
Bulk Carriers	23 517	42,6%	430	15,3%	23 947	31 193	21,1%	214	3,4%	31 407
Oil and Chemical Tankers	19 088	34,6%	1 105	39,4%	20 192	75 732	51,3%	2 956	47,5%	78 688
Gas Tankers	2 230	4,0%	198	7,0%	2 428	12 841	8,7%	96	1,5%	12 937
Other Tankers										
Passenger Ships	1 243	2,3%			1 243	5 911	4,0%	257	4,1%	6 167
Offshore Vessels	1 555	2,8%	776	27,6%	2 331	4 518	3,1%	1 819	29,3%	6 337
Service Ships						496	0,3%			496
Tugs										
Leisure Vessels										
Total	55 232	100%	2 806	100%	58 038	147 658	100%	6 217	100%	153 875

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000

Graph 129 - Total number of very large ships, by P&I status and flag- 2005



Graph 130 - Gross tonnage (in 1000 t) of very large ships, by P&I status and flag - 2005



4.5. SAFETY PERFORMANCE

WHOLE FLEET

Table 136 - Whole fleet detention rate^(*), by type and P&I status – 2005

Ship Type	Detention rate		
	P&I	Non P&I	Overall
General Cargo Ships	4,44%	9,93%	6,77%
Specialized Cargo Ships	3,57%	12,96%	5,86%
Container Ships	2,07%	2,19%	2,08%
Ro-Ro Cargo Ships	1,72%	10,73%	2,55%
Bulk Carriers	3,75%	9,47%	4,15%
Oil and Chemical Tankers	2,04%	9,79%	2,64%
Gas Tankers	1,36%	9,86%	1,88%
Other Tankers	1,35%	8,70%	3,09%
Passenger Ships	0,89%	3,67%	1,35%
Offshore Vessels	2,38%	3,40%	2,76%
Service Ships	4,05%	8,72%	6,52%
Tugs	5,22%	3,49%	4,18%
Leisure Vessels	0,00%	0,00%	0,00%
Total	3,06%	9,24%	4,29%

Source : Equasis processed by Emsa - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Table 137 - Small⁽¹⁾ ships detention rates^(*), by type and P&I status - 2005

Ship Type	Detention rate		
	P&I	Non P&I	Overall
General Cargo Ships	26,00%	36,87%	34,68%
Specialized Cargo Ships		20,00%	20,00%
Container Ships			
Ro-Ro Cargo Ships		0,00%	0,00%
Bulk Carriers		0,00%	0,00%
Oil and Chemical Tankers	0,00%	11,76%	6,25%
Gas Tankers	0,00%	0,00%	0,00%
Other Tankers		0,00%	0,00%
Passenger Ships	0,00%	2,88%	2,61%
Offshore Vessels	28,57%	0,00%	7,41%
Service Ships	0,00%	8,57%	6,52%
Tugs	0,00%	4,79%	3,98%
Leisure Vessels	0,00%	0,00%	0,00%
Total	11,90%	16,30%	15,48%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Table 138 - Medium⁽¹⁾ ships detention rates^(*), by type and P&I status - 2005

Ship Type	Detention rate		
	P&I	Non P&I	Overall
General Cargo Ships	8,82%	16,52%	12,16%
Specialized Cargo Ships	4,26%	12,77%	6,38%
Container Ships	4,40%	2,43%	4,23%
Ro-Ro Cargo Ships	4,79%	15,42%	7,04%
Bulk Carriers	5,30%	18,33%	6,76%
Oil and Chemical Tankers	5,02%	17,00%	6,49%
Gas Tankers	4,01%	19,35%	5,35%
Other Tankers	4,26%	11,11%	5,91%
Passenger Ships	1,67%	6,78%	2,68%
Offshore Vessels	2,07%	4,76%	2,99%
Service Ships	8,86%	15,09%	11,99%
Tugs	14,12%	3,85%	11,71%
Leisure Vessels		0,00%	0,00%
Total	6,39%	15,90%	9,08%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Table 139 - Large⁽¹⁾ ships detention rates^(*), by type and P&I status - 2005

Ship Type	Detention rate		
	P&I	Non P&I	Overall
General Cargo Ships	2,67%	0,00%	2,60%
Specialized Cargo Ships	3,70%	0,00%	3,45%
Container Ships	4,12%	7,87%	4,25%
Ro-Ro Cargo Ships	1,76%	0,00%	1,75%
Bulk Carriers	5,22%	11,06%	5,46%
Oil and Chemical Tankers	2,27%	0,00%	2,21%
Gas Tankers	0,00%	0,00%	0,00%
Other Tankers	0,00%		0,00%
Passenger Ships	0,88%	0,00%	0,87%
Offshore Vessels	0,00%	0,00%	0,00%
Service Ships	0,00%	0,00%	0,00%
Tugs			
Leisure Vessels			
Total	3,72%	7,49%	3,84%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Table 140 - Very large⁽¹⁾ ships detention rates^(*), by type and P&I status - 2005

Ship Type	Detention rate		
	P&I	Non P&I	Overall
General Cargo Ships			
Specialized Cargo Ships			
Container Ships	0,46%	0,00%	0,45%
Ro-Ro Cargo Ships	0,00%	0,00%	0,00%
Bulk Carriers	7,56%	0,00%	7,52%
Oil and Chemical Tankers	0,41%	5,26%	0,51%
Gas Tankers	0,00%	0,00%	0,00%
Other Tankers			
Passenger Ships	0,00%	0,00%	0,00%
Offshore Vessels	0,00%		0,00%
Service Ships			
Tugs			
Leisure Vessels			
Total	2,61%	1,28%	2,58%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Chapter 5

5. Port State Control

INTRODUCTION

Port State authorities check the compliance with international conventions of foreign ships visiting their ports. EQUASIS includes inspection data provided by three of the regional ports state control regimes, Paris MoU, Tokyo MoU and U.S. Coastguard (USCG).

OVER-INSPECTION

A concern of the industry and regulators alike is that ships should not be subject to unnecessarily frequent inspections. The following tables show the level of annual inspections by the three regional port state control regimes which contribute to EQUASIS for the period 2000 to 2005.

UN-INSPECTED SHIPS

Many vessels do not trade to the PSC regions considered by EQUASIS or have not been inspected when they have visited these regions (some vessels are not eligible to PSC inspections either because of their size and type or they are only engaged on domestic trade, but these are mainly confined to small ships). Therefore a portion of the eligible fleet has no records of port state control inspections. A significant portion of this un-inspected fleet, particularly very large, large and medium ships, can potentially trade in these PSC regimes. The inspection figures show the proportion of the fleet which have not been inspected by one of the three PSC regimes IN THE LAST 3 YEARS (2003 to 2005). It has been sorted by type and age ranges;

type and flag; type and class status; type and P&I coverage.

RESULTS

Table 141 shows that the number of individual ships inspected has risen steadily in the period 2000 to 2005. The frequency of inspection of ships has remained fairly constant with around a third of inspected ships inspected once and a third inspected twice in each year. Table 142 does not indicate a significant difference among the three PSC regions.

Of the 23244 individual ships inspected in at least one of the regions, 1098 (4.7%) were inspected at least once in all three regions during 2005. 7898 (40%) were inspected in two regions.

A comparison of the totals in Table 1 and Table 144 shows that most small ships (23035 out of 23660) have not been inspected by port state control. The exact proportion is not known but it is believed that the majority of these ships are not subject to port state control because they do not trade internationally (Table 1 shows that 52.9% of small ships are either tugs or passenger ships which are likely to be engaged on domestic voyages). Around 49% of all medium-sized ships were not inspected in 2005. Table 170 indicates that for these ships the ratio of non-inspection was lower for black flagged ships than for other flags (14% compared with 35%). For large and very large ships the proportion of un-inspected ships falls to 6% and 10% respectively – these ratios are similar for both black flagged and non-black flagged ships.

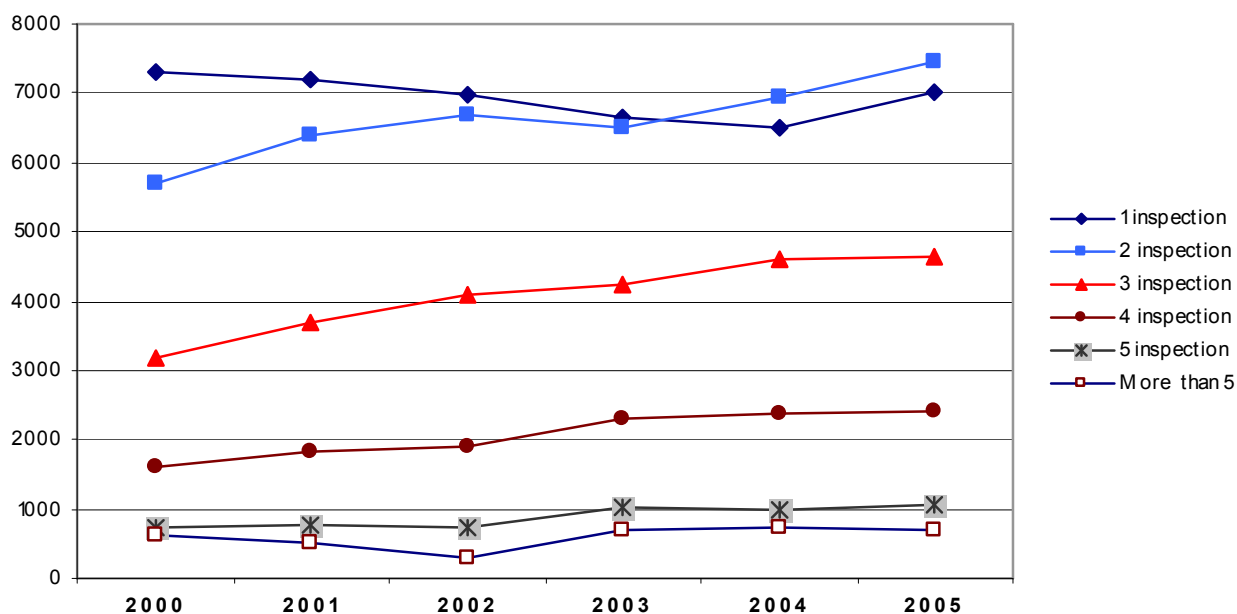
5.1. OVER INSPECTION

MULTIPLE INSPECTIONS

Table 141 - Total number of individual ships inspected^(*), by number of inspections per ship – 2000/2005

Number of inspections per ship	Number of ships inspected											
	2000		2001		2002		2003		2004		2005	
1	7 297	38,2%	7 180	35,3%	6 966	33,7%	6 640	31,0%	6 518	29,4%	6 998	30,1%
2	5 700	29,8%	6 394	31,4%	6 691	32,4%	6 514	30,4%	6 956	31,4%	7 470	32,1%
3	3 177	16,6%	3 681	18,1%	4 090	19,8%	4 233	19,7%	4 621	20,8%	4 627	19,9%
4	1 593	8,3%	1 826	9,0%	1 908	9,2%	2 319	10,8%	2 374	10,7%	2 397	10,3%
5	747	3,9%	760	3,7%	733	3,5%	1 027	4,8%	981	4,4%	1 049	4,5%
More than 5	612	3,2%	525	2,6%	292	1,4%	700	3,3%	726	3,3%	703	3,0%
Total	19 126	100%	20 366	100%	20 680	100%	21 433	100%	22 176	100%	23 244	100%

Source : Equasis processed by Emsa – Paris MoU, Tokyo MoU, US Coast guard - (*) All existing ship types

Graph 131 - Total number of individual ships inspected^(*), by number of inspections per ship – 2000/2005

(*) All existing ship types

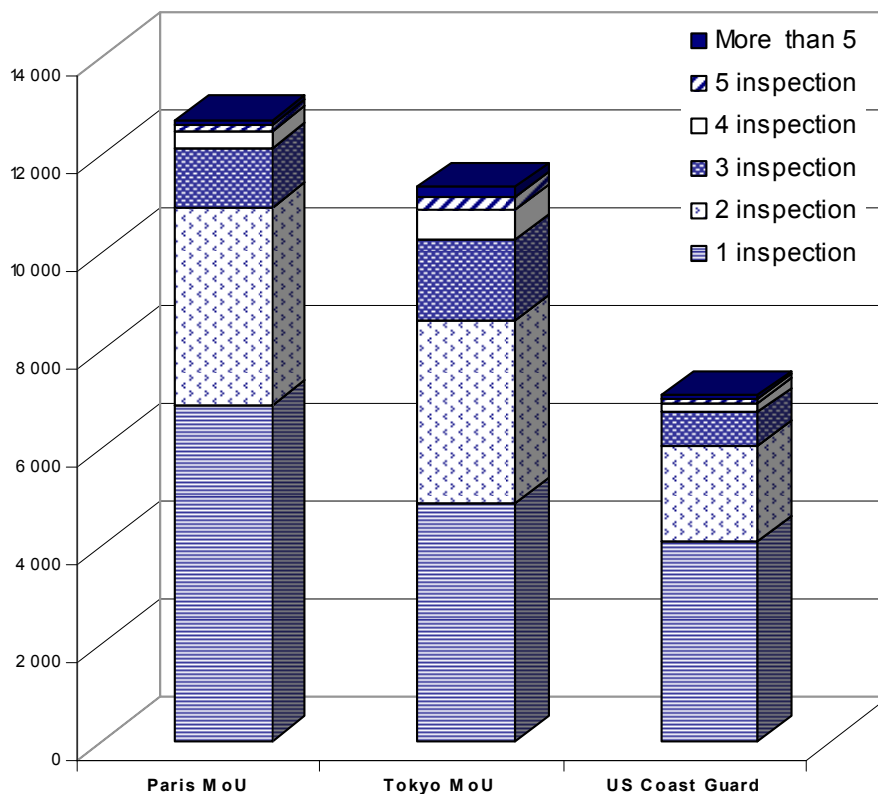
MULTIPLE INSPECTIONS BY PSC REGIONS

Table 142 - Total number of individual ships inspected^(*), by number of inspection per ship and by PSC region – 2005

Number of inspections per ship	Number of ships inspected					
	Paris MoU		Tokyo MoU		US Coast Guard	
1	6 871	54,1%	4 883	43,1%	4 089	57,9%
2	4 045	31,8%	3 717	32,8%	1 944	27,5%
3	1 193	9,4%	1 659	14,7%	685	9,7%
4	373	2,9%	617	5,4%	210	3,0%
5	125	1,0%	262	2,3%	65	0,9%
More than 5	100	0,8%	186	1,6%	70	1,0%
Total	12 707	100%	11 324	100%	7 063	100%

Source : Equasis processed by Emsa – Paris MoU, Tokyo MoU, US Coast guard - ^(*) All existing ship types

Graph 132 - Total number of individual ships inspected^(*), by number of inspection per ship and PSC region – 2005



^(*) All existing ship types

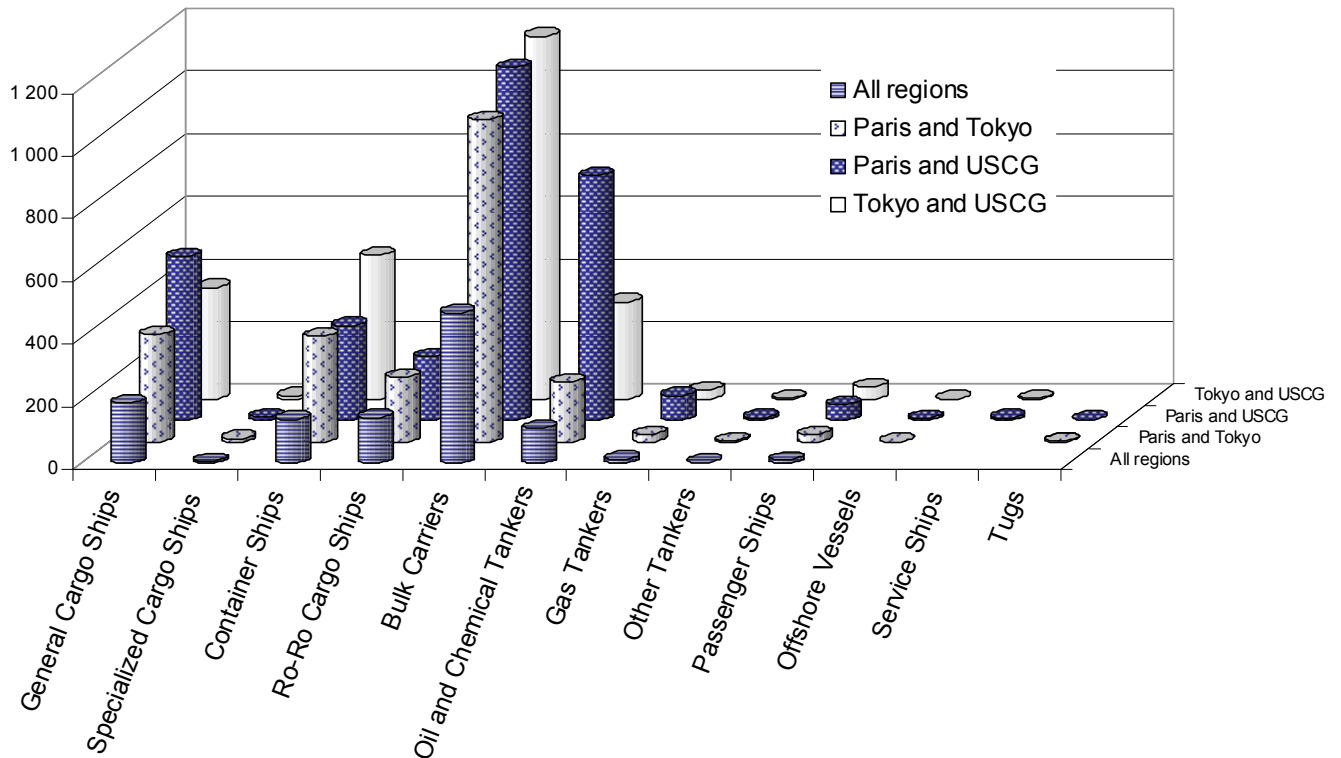
INSPECTIONS IN MORE THAN ONE REGION

Table 143 - Total number of individual ships inspected in more than one PSC region, by type – 2005

Ship type	Number of ships inspected							
	Paris and Tokyo		Paris and USCG		Tokyo and USCG		All regions	
General Cargo Ships	342	15,8%	523	16,8%	355	13,5%	192	17,5%
Specialized Cargo Ships	11	0,5%	12	0,4%	12	0,5%	6	0,5%
Container Ships	337	15,5%	302	9,7%	459	17,5%	139	12,7%
Ro-Ro Cargo Ships	206	9,5%	204	6,6%	254	9,7%	144	13,1%
Bulk Carriers	1 027	47,3%	1 126	36,3%	1 157	44,1%	479	43,6%
Oil and Chemical Tankers	191	8,8%	780	25,1%	310	11,8%	111	10,1%
Gas Tankers	24	1,1%	80	2,6%	30	1,1%	13	1,2%
Other Tankers	4	0,2%	9	0,3%	3	0,1%	3	0,3%
Passenger Ships	24	1,1%	51	1,6%	40	1,5%	11	1,0%
Offshore Vessels	1		6	0,2%	1			
Service Ships			9	0,3%	3	0,1%		
Tugs	2	0,1%	3	0,1%				
Leisure Vessels								
Total	2 169	100%	3 105	100%	2 624	100%	1 098	100%

Source : Equasis processed by Emsa – Paris MoU, Tokyo MoU, US Coast guard

Graph 133 - Ships inspected in more than one PSC region, by type – 2005



5.2. UN-INSPECTED SHIPS

WHOLE FLEET

Table 144 - Total number of un-inspected^(*) ships, by type and size – 2005

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	4 742	20,6%	3 870	26,6%	2	0,5%			8 614	22,5%
Specialized Cargo Ships	28	0,1%	55	0,4%	2	0,5%			85	0,2%
Container Ships			252	1,7%	36	8,5%	10	3,4%	298	0,8%
Ro-Ro Cargo Ships	30	0,1%	325	2,2%	14	3,3%	2	0,7%	371	1,0%
Bulk Carriers	429	1,9%	688	4,7%	96	22,7%	12	4,1%	1 225	3,2%
Oil and Chemical Tankers	1 979	8,6%	2 842	19,6%	147	34,8%	146	49,3%	5 114	13,4%
Gas Tankers	46	0,2%	313	2,2%	12	2,8%	39	13,2%	410	1,1%
Other Tankers	147	0,6%	98	0,7%					245	0,6%
Passenger Ships	2 996	13,0%	1 979	13,6%	48	11,4%	1	0,3%	5 024	13,1%
Offshore Vessels	1 225	5,3%	1 843	12,7%	37	8,8%	79	26,7%	3 184	8,3%
Service Ships	1 736	7,5%	1 582	10,9%	28	6,6%	7	2,4%	3 353	8,8%
Tugs	9 173	39,8%	544	3,7%					9 717	25,4%
Leisure Vessels	504	2,2%	145	1,0%					649	1,7%
Total	23 035	100%	14 536	100%	422	100%	296	100%	38 289	100%

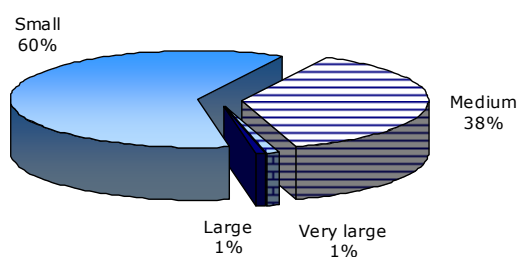
Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000 - ^(*) Inspections in the period 2003/2005

Table 145 - Gross tonnage (in 1000 t) of un-inspected^(*) ships, by type and size - 2005

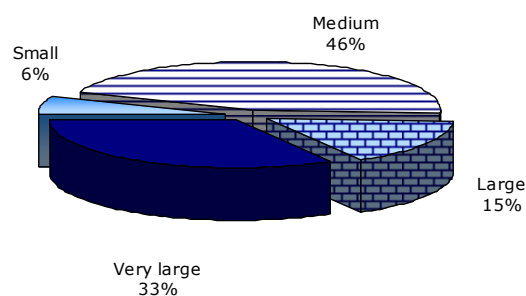
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	1 493	24,7%	10 580	23,1%	53	0,3%			12 126	12,0%
Specialized Cargo Ships	10	0,2%	142	0,3%	76	0,5%			229	0,2%
Container Ships			2 244	4,9%	1 227	7,8%	936	2,8%	4 406	4,4%
Ro-Ro Cargo Ships	11	0,2%	1 721	3,8%	524	3,3%	131	0,4%	2 387	2,4%
Bulk Carriers	163	2,7%	5 997	13,1%	3 233	20,6%	1 103	3,3%	10 496	10,4%
Oil and Chemical Tankers	635	10,5%	9 126	19,9%	5 719	36,5%	18 627	55,2%	34 107	33,7%
Gas Tankers	16	0,3%	683	1,5%	512	3,3%	4 137	12,2%	5 348	5,3%
Other Tankers	39	0,6%	194	0,4%					234	0,2%
Passenger Ships	744	12,3%	6 699	14,6%	1 630	10,4%	80	0,2%	9 154	9,0%
Offshore Vessels	345	5,7%	3 033	6,6%	1 669	10,7%	8 265	24,5%	13 312	13,1%
Service Ships	451	7,5%	4 676	10,2%	1 021	6,5%	496	1,5%	6 643	6,6%
Tugs	2 041	33,7%	510	1,1%					2 551	2,5%
Leisure Vessels	101	1,7%	179	0,4%					280	0,3%
Total	6 051	100%	45 785	100%	15 664	100%	33 774	100%	101 274	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000 - ^(*) Inspections in the period 2003/2005

Graph 134 - Total number of un-inspected ships, by size – 2005



Graph 135 - Gross tonnage (in 1000 t) of un-inspected ships, by size – 2005



5.3. UN-INSPECTED SHIPS BY AGE

WHOLE FLEET

Table 146 - Total number of un-inspected^(*) ships, by type and age – 2005

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	232	7,5%	1 430	18,8%	1 725	20,2%	5 227	27,4%	8 614	22,5%
Specialized Cargo Ships			6	0,1%	18	0,2%	61	0,3%	85	0,2%
Container Ships	67	2,2%	64	0,8%	63	0,7%	104	0,5%	298	0,8%
Ro-Ro Cargo Ships	31	1,0%	77	1,0%	79	0,9%	184	1,0%	371	1,0%
Bulk Carriers	54	1,7%	250	3,3%	360	4,2%	561	2,9%	1 225	3,2%
Oil and Chemical Tankers	320	10,3%	1 061	14,0%	1 268	14,8%	2 465	12,9%	5 114	13,4%
Gas Tankers	31	1,0%	103	1,4%	97	1,1%	179	0,9%	410	1,1%
Other Tankers			44	0,6%	51	0,6%	150	0,8%	245	0,6%
Passenger Ships	468	15,1%	1 249	16,5%	1 202	14,0%	2 105	11,0%	5 024	13,1%
Offshore Vessels	409	13,2%	374	4,9%	919	10,7%	1 482	7,8%	3 184	8,3%
Service Ships	234	7,6%	504	6,6%	987	11,5%	1 628	8,5%	3 353	8,8%
Tugs	1 067	34,5%	2 280	30,1%	1 692	19,8%	4 678	24,6%	9 717	25,4%
Leisure Vessels	179	5,8%	145	1,9%	97	1,1%	228	1,2%	649	1,7%
Total	3 092	100%	7 587	100%	8 558	100%	19 052	100%	38 289	100%

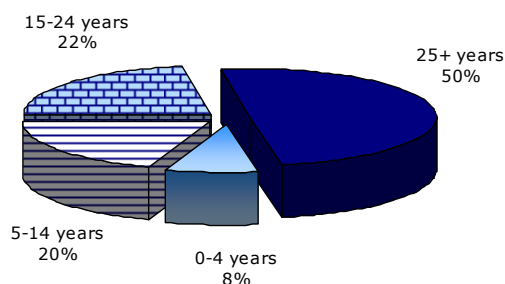
Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ Inspections in the period 2003/2005

Table 147 - Gross tonnage (in 1000 t) of un-inspected^(*) ships, by type and age - 2005

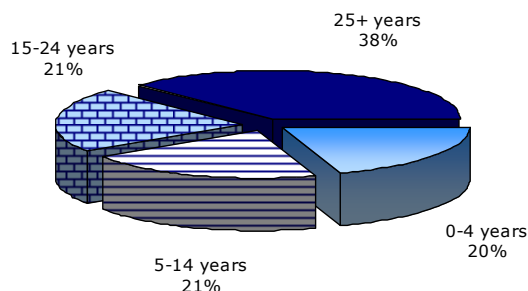
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	335	1,6%	1 140	5,5%	2 128	9,8%	8 523	22,2%	12 126	12,0%
Specialized Cargo Ships			12	0,1%	107	0,5%	110	0,3%	229	0,2%
Container Ships	2 017	9,9%	556	2,7%	958	4,4%	875	2,3%	4 406	4,4%
Ro-Ro Cargo Ships	543	2,7%	512	2,5%	418	1,9%	915	2,4%	2 387	2,4%
Bulk Carriers	1 757	8,6%	903	4,3%	2 523	11,6%	5 312	13,8%	10 496	10,4%
Oil and Chemical Tankers	8 586	42,1%	7 809	37,6%	9 059	41,7%	8 652	22,5%	34 107	33,7%
Gas Tankers	1 154	5,7%	2 654	12,8%	879	4,0%	660	1,7%	5 348	5,3%
Other Tankers			25	0,1%	27	0,1%	181	0,5%	234	0,2%
Passenger Ships	2 055	10,1%	2 549	12,3%	1 654	7,6%	2 896	7,5%	9 154	9,0%
Offshore Vessels	2 377	11,7%	2 837	13,6%	1 555	7,2%	6 543	17,0%	13 312	13,1%
Service Ships	1 096	5,4%	1 132	5,4%	1 883	8,7%	2 533	6,6%	6 643	6,6%
Tugs	325	1,6%	585	2,8%	500	2,3%	1 141	3,0%	2 551	2,5%
Leisure Vessels	127	0,6%	72	0,3%	42	0,2%	38	0,1%	280	0,3%
Total	20 374	100%	20 786	100%	21 732	100%	38 381	100%	101 274	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ Inspections in the period 2003/2005

Graph 136 - Total number of un-inspected ships, by age – 2003/2005



Graph 137 - Gross tonnage (in 1000 t) of un-inspected ships, by age – 2003/2005



SMALL UN-INSPECTED SHIPS

Table 148 - Total number of small⁽¹⁾ un-inspected^(*) ships, by type and age – 2005

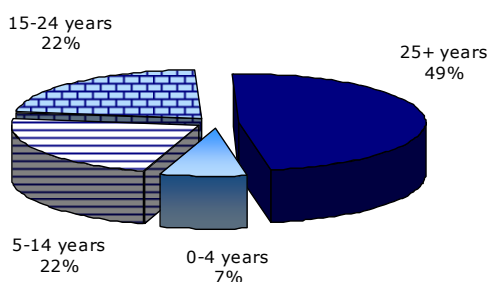
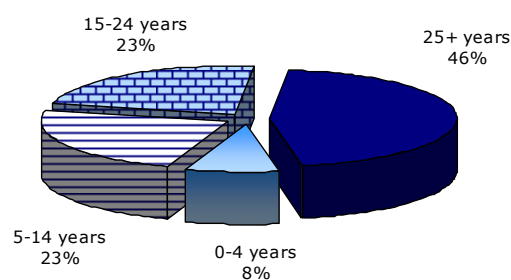
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	127	7,4%	1 061	20,6%	1 114	21,6%	2 440	22,2%	4 742	20,6%
Specialized Cargo Ships			1	0,0%	4	0,1%	23	0,2%	28	0,1%
Container Ships										
Ro-Ro Cargo Ships	1	0,1%	6	0,1%	5	0,1%	18	0,2%	30	0,1%
Bulk Carriers	1	0,1%	120	2,3%	168	3,3%	140	1,3%	429	1,9%
Oil and Chemical Tankers	61	3,6%	526	10,2%	503	9,8%	889	8,1%	1 979	8,6%
Gas Tankers	2	0,1%	5	0,1%	13	0,3%	26	0,2%	46	0,2%
Other Tankers			23	0,4%	34	0,7%	90	0,8%	147	0,6%
Passenger Ships	229	13,3%	759	14,7%	765	14,8%	1 243	11,3%	2 996	13,0%
Offshore Vessels	76	4,4%	89	1,7%	343	6,7%	717	6,5%	1 225	5,3%
Service Ships	103	6,0%	264	5,1%	575	11,2%	794	7,2%	1 736	7,5%
Tugs	1 001	58,3%	2 194	42,6%	1 556	30,2%	4 422	40,2%	9 173	39,8%
Leisure Vessels	116	6,8%	107	2,1%	74	1,4%	207	1,9%	504	2,2%
Total	1 717	100%	5 155	100%	5 154	100%	11 009	100%	23 035	100%

Source : Equasis processed by Emsa / ^(*)Inspections in the period 2003/2005

Table 149 - Gross tonnage (in 1000 t) of small⁽¹⁾ un-inspected^(*) ships, by type and age - 2005

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	52	10,5%	365	25,9%	323	23,2%	753	27,4%	1 493	24,7%
Specialized Cargo Ships			0,5	0,0%	1	0,1%	9	0,3%	10	0,2%
Container Ships										
Ro-Ro Cargo Ships	0,3	0,1%	3	0,2%	2	0,1%	7	0,2%	11	0,2%
Bulk Carriers	0,5	0,1%	50	3,5%	69	4,9%	44	1,6%	163	2,7%
Oil and Chemical Tankers	24	4,8%	169	12,0%	150	10,7%	292	10,6%	635	10,5%
Gas Tankers	1	0,2%	2	0,1%	5	0,4%	9	0,3%	16	0,3%
Other Tankers			6	0,4%	9	0,7%	24	0,9%	39	0,6%
Passenger Ships	64	13,0%	190	13,4%	189	13,5%	302	11,0%	744	12,3%
Offshore Vessels	31	6,3%	27	1,9%	101	7,2%	186	6,8%	345	5,7%
Service Ships	24	5,0%	70	5,0%	170	12,1%	187	6,8%	451	7,5%
Tugs	258	52,6%	503	35,6%	359	25,7%	921	33,5%	2 041	33,7%
Leisure Vessels	37	7,5%	27	1,9%	19	1,4%	17	0,6%	101	1,7%
Total	490	100%	1 411	100%	1 397	100%	2 752	100%	6 051	100%

Source : Equasis processed by Emsa / ^(*)Inspections in the period 2003/2005

Graph 138 - Total number of small un-inspected ships, by age – 2003/2005**Graph 139 - Gross tonnage (in 1000 t) of small un-inspected ships, by age – 2003/2005**

MEDIUM UN-INSPECTED SHIPS

Table 150 - Total number of medium⁽¹⁾ un-inspected^(*) ships, by type and age – 2005

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	105	9,1%	369	16,2%	611	18,9%	2 785	35,4%	3 870	26,6%
Specialized Cargo Ships			5	0,2%	12	0,4%	38	0,5%	55	0,4%
Container Ships	37	3,2%	63	2,8%	56	1,7%	96	1,2%	252	1,7%
Ro-Ro Cargo Ships	22	1,9%	68	3,0%	73	2,3%	162	2,1%	325	2,2%
Bulk Carriers	17	1,5%	121	5,3%	163	5,0%	387	4,9%	688	4,7%
Oil and Chemical Tankers	181	15,6%	468	20,6%	667	20,6%	1 526	19,4%	2 842	19,6%
Gas Tankers	18	1,6%	75	3,3%	76	2,4%	144	1,8%	313	2,2%
Other Tankers			21	0,9%	17	0,5%	60	0,8%	98	0,7%
Passenger Ships	208	18,0%	479	21,0%	434	13,4%	858	10,9%	1 979	13,6%
Offshore Vessels	317	27,4%	250	11,0%	564	17,5%	712	9,0%	1 843	12,7%
Service Ships	124	10,7%	233	10,2%	399	12,3%	826	10,5%	1 582	10,9%
Tugs	66	5,7%	86	3,8%	136	4,2%	256	3,3%	544	3,7%
Leisure Vessels	63	5,4%	38	1,7%	23	0,7%	21	0,3%	145	1,0%
Total	1 158	100%	2 276	100%	3 231	100%	7 871	100%	14 536	100%

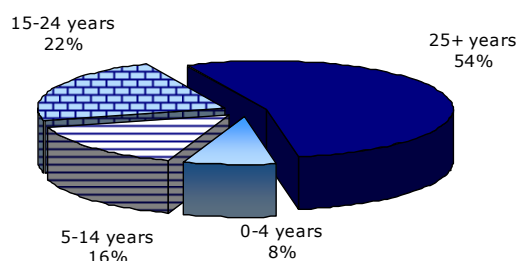
Source : Equasis processed by Emsa / ⁽¹⁾ 500≤GT<25.000 - ^(*)Inspections in the period 2003/2005

Table 151 - Gross tonnage (in 1000 t) of medium⁽¹⁾ un-inspected^(*) ships, by type and age - 2005

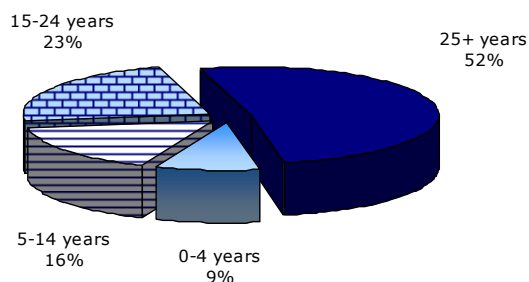
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	284	7,0%	775	10,3%	1 805	17,2%	7 717	32,6%	10 580	23,1%
Specialized Cargo Ships			12	0,2%	29	0,3%	101	0,4%	142	0,3%
Container Ships	396	9,7%	525	7,0%	679	6,5%	644	2,7%	2 244	4,9%
Ro-Ro Cargo Ships	165	4,1%	400	5,3%	368	3,5%	789	3,3%	1 721	3,8%
Bulk Carriers	103	2,5%	525	7,0%	1 296	12,3%	4 072	17,2%	5 997	13,1%
Oil and Chemical Tankers	773	19,0%	1 589	21,2%	2 536	24,1%	4 229	17,8%	9 126	19,9%
Gas Tankers	54	1,3%	167	2,2%	200	1,9%	263	1,1%	683	1,5%
Other Tankers			19	0,3%	18	0,2%	158	0,7%	194	0,4%
Passenger Ships	865	21,3%	1 994	26,6%	1 376	13,1%	2 464	10,4%	6 699	14,6%
Offshore Vessels	691	17,0%	524	7,0%	843	8,0%	975	4,1%	3 033	6,6%
Service Ships	576	14,2%	851	11,3%	1 203	11,4%	2 046	8,6%	4 676	10,2%
Tugs	67	1,7%	82	1,1%	141	1,3%	220	0,9%	510	1,1%
Leisure Vessels	91	2,2%	45	0,6%	22	0,2%	21	0,1%	179	0,4%
Total	4 063	100%	7 507	100%	10 516	100%	23 699	100%	45 785	100%

Source : Equasis processed by Emsa / ⁽¹⁾ 500≤GT<25.000 - ^(*)Inspections in the period 2003/2005

Graph 140 - Total number of medium un-inspected ships, by age – 2003/2005



Graph 141 - Gross tonnage (in 1000 t) of medium un-inspected ships, by age – 2003/2005



LARGE UN-INSPECTED SHIPS

Table 152 - Total number of large⁽¹⁾ un-inspected^(*) ships, by type and age – 2005

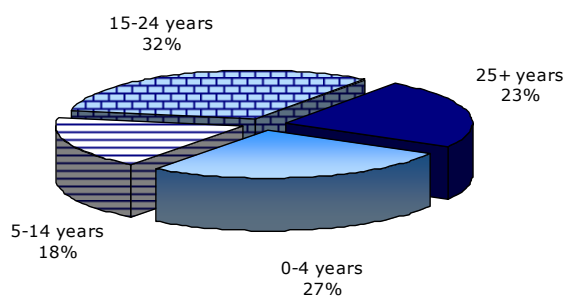
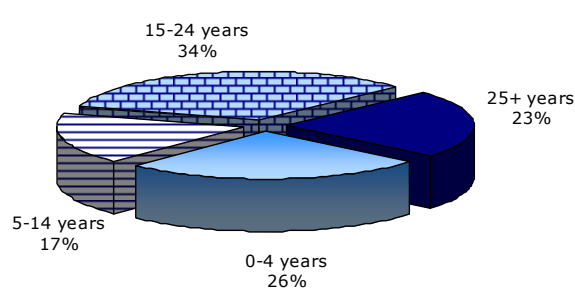
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships							2	2,0%	2	0,5%
Specialized Cargo Ships					2	1,5%			2	0,5%
Container Ships	20	17,5%	1	1,4%	7	5,2%	8	8,1%	36	8,5%
Ro-Ro Cargo Ships	6	5,3%	3	4,1%	1	0,7%	4	4,0%	14	3,3%
Bulk Carriers	29	25,4%	8	10,8%	27	20,0%	32	32,3%	96	22,7%
Oil and Chemical Tankers	26	22,8%	26	35,1%	70	51,9%	25	25,3%	147	34,8%
Gas Tankers			1	1,4%	2	1,5%	9	9,1%	12	2,8%
Other Tankers										
Passenger Ships	30	26,3%	11	14,9%	3	2,2%	4	4,0%	48	11,4%
Offshore Vessels	3	2,6%	17	23,0%	10	7,4%	7	7,1%	37	8,8%
Service Ships			7	9,5%	13	9,6%	8	8,1%	28	6,6%
Tugs										
Leisure Vessels										
Total	114	100%	74	100%	135	100%	99	100%	422	100%

Source : Equasis processed by Emsa / ⁽¹⁾ 25.000≤GT<60.000 - ^(*)Inspections in the period 2003/2005

Table 153 - Gross tonnage (in 1000 t) of large⁽¹⁾ un-inspected^(*) ships, by type and age - 2005

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships							53	1,5%	53	0,3%
Specialized Cargo Ships					76	1,5%			76	0,5%
Container Ships	686	16,7%	32	1,2%	279	5,3%	231	6,4%	1 227	7,8%
Ro-Ro Cargo Ships	247	6,0%	110	4,1%	48	0,9%	119	3,3%	524	3,3%
Bulk Carriers	982	23,9%	246	9,2%	936	17,8%	1 069	29,5%	3 233	20,6%
Oil and Chemical Tankers	1 012	24,7%	866	32,4%	2 782	52,9%	1 060	29,2%	5 719	36,5%
Gas Tankers			41	1,5%	82	1,6%	389	10,7%	512	3,3%
Other Tankers										
Passenger Ships	1 045	25,5%	366	13,7%	89	1,7%	131	3,6%	1 630	10,4%
Offshore Vessels	128	3,1%	806	30,1%	460	8,7%	275	7,6%	1 669	10,7%
Service Ships			211	7,9%	510	9,7%	300	8,3%	1 021	6,5%
Tugs										
Leisure Vessels										
Total	4 100	100%	2 676	100%	5 262	100%	3 626	100%	15 664	100%

Source : Equasis processed by Emsa / ⁽¹⁾ 25.000≤GT<60.000 - ^(*)Inspections in the period 2003/2005

Graph 142 - Total number of large un-inspected ships, by age – 2003/2005**Graph 143 - Gross tonnage (in 1000 t) of large un-inspected ships, by age – 2003/2005**

VERY LARGE UN-INSPECTED SHIPS

Table 154 - Total number of very large⁽¹⁾ un-inspected^(*) ships, by type and age – 2005

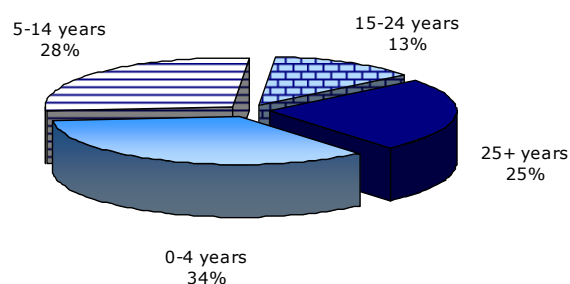
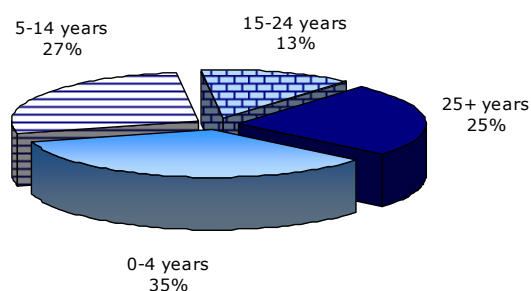
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	10	9,7%							10	3,4%
Ro-Ro Cargo Ships	2	1,9%							2	0,7%
Bulk Carriers	7	6,8%	1	1,2%	2	5,3%	2	2,7%	12	4,1%
Oil and Chemical Tankers	52	50,5%	41	50,0%	28	73,7%	25	34,2%	146	49,3%
Gas Tankers	11	10,7%	22	26,8%	6	15,8%			39	13,2%
Other Tankers										
Passenger Ships	1	1,0%							1	0,3%
Offshore Vessels	13	12,6%	18	22,0%	2	5,3%	46	63,0%	79	26,7%
Service Ships	7	6,8%							7	2,4%
Tugs										
Leisure Vessels										
Total	103	100%	82	100%	38	100%	73	100%	296	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT≥60.000 - ^(*)Inspections in the period 2003/2005

Table 155 - Gross tonnage (in 1000 t) of very large⁽¹⁾ un-inspected^(*) ships, by type and age - 2005

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	936	8,0%							936	2,8%
Ro-Ro Cargo Ships	131	1,1%							131	0,4%
Bulk Carriers	672	5,7%	82	0,9%	222	4,9%	127	1,5%	1 103	3,3%
Oil and Chemical Tankers	6 778	57,8%	5 185	56,4%	3 592	78,8%	3 071	37,0%	18 627	55,2%
Gas Tankers	1 100	9,4%	2 444	26,6%	592	13,0%			4 137	12,2%
Other Tankers										
Passenger Ships	80	0,7%							80	0,2%
Offshore Vessels	1 528	13,0%	1 480	16,1%	151	3,3%	5 107	61,5%	8 265	24,5%
Service Ships	496	4,2%							496	1,5%
Tugs										
Leisure Vessels										
Total	11 720	100%	9 192	100%	4 558	100%	8 305	100%	33 774	100%

Source : Equasis processed by Emsa / ⁽¹⁾ GT≥60.000 - ^(*)Inspections in the period 2003/2005

Graph 144 - Total number of very large un-inspected ships, by age – 2003/2005**Graph 145 - Gross tonnage (in 1000 t) of very large un-inspected ships, by age – 2003/2005**

5.4. UN-INSPECTED SHIPS BY CLASS

WHOLE FLEET

Table 156 - World fleet : total number of un-inspected(*) ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	945	7,8%	886	42,7%	456	20,4%	6 327	28,9%	8 614	22%
Specialized Cargo Ships	20	0,2%	3	0,1%	9	0,4%	53	0,2%	85	0,2%
Container Ships	198	1,6%	14	0,7%	17	0,8%	69	0,3%	298	0,8%
Ro-Ro Cargo Ships	191	1,6%	14	0,7%	38	1,7%	128	0,6%	371	1,0%
Bulk Carriers	362	3,0%	32	1,5%	87	3,9%	744	3,4%	1 225	3,2%
Oil and Chemical Tankers	1 709	14,1%	225	10,8%	318	14,2%	2 862	13,1%	5 114	13,4%
Gas Tankers	256	2,1%	2	0,1%	39	1,7%	113	0,5%	410	1,1%
Other Tankers	53	0,4%	15	0,7%	19	0,9%	158	0,7%	245	0,6%
Passenger Ships	1 321	10,9%	287	13,8%	309	13,8%	3 107	14,2%	5 024	13,1%
Offshore Vessels	2 046	16,9%	50	2,4%	139	6,2%	949	4,3%	3 184	8,3%
Service Ships	1 117	9,2%	78	3,8%	220	9,9%	1 938	8,8%	3 353	8,8%
Tugs	3 526	29,2%	449	21,6%	559	25,0%	5 183	23,7%	9 717	25,4%
Leisure Vessels	336	2,8%	19	0,9%	22	1,0%	272	1,2%	649	1,7%
Total	12 080	100%	2 074	100%	2 232	100%	21 903	100%	38 289	100%

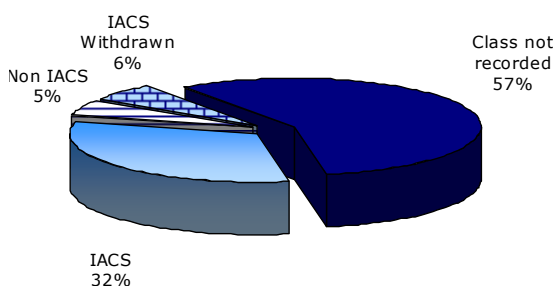
Source : Equasis processed by Emsa - IACS membership on 31/12/2005 - (*)Inspections in the period 2003/2005

Table 157 - World fleet : gross tonnage (in 1000 t) of un-inspected(*) ships, by type and class – 2005

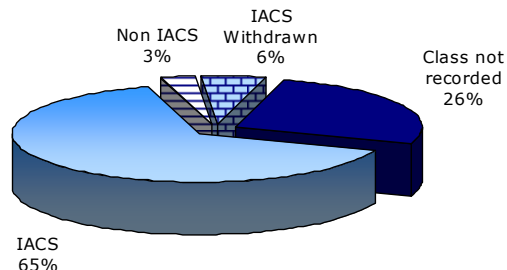
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
General Cargo Ships	2 869	4,3%	1 051	37,1%	1 213	21,1%	6 994	26,2%	12 126	12%
Specialized Cargo Ships	151	0,2%	6	0,2%	18	0,3%	54	0,2%	229	0%
Container Ships	3 126	4,7%	48	1,7%	68	1,2%	1 163	4,4%	4 406	4%
Ro-Ro Cargo Ships	1 693	2,6%	46	1,6%	250	4,3%	399	1,5%	2 387	2%
Bulk Carriers	4 841	7,3%	176	6,2%	1 305	22,7%	4 174	15,6%	10 496	10%
Oil and Chemical Tankers	27 527	41,7%	524	18,5%	1 241	21,6%	4 816	18,0%	34 107	34%
Gas Tankers	5 071	7,7%	3	0,1%	42	0,7%	232	0,9%	5 348	5%
Other Tankers	75	0,1%	28	1,0%	62	1,1%	68	0,3%	234	0%
Passenger Ships	5 099	7,7%	546	19,3%	465	8,1%	3 044	11,4%	9 154	9%
Offshore Vessels	10 173	15,4%	195	6,9%	673	11,7%	2 271	8,5%	13 312	13%
Service Ships	4 030	6,1%	111	3,9%	272	4,7%	2 231	8,3%	6 643	7%
Tugs	1 178	1,8%	94	3,3%	134	2,3%	1 145	4,3%	2 551	3%
Leisure Vessels	137	0,2%	4	0,2%	5	0,1%	133	0,5%	280	0%
Total	65 969	100%	2 834	100%	5 750	100%	26 722	100%	101 274	100%

Source : Equasis processed by Emsa - IACS membership on 31/12/2005 - (*)Inspections in the period 2003/2005

Graph 146 - World fleet : total number of un-inspected ships, by class – 2003/2005



Graph 147 - World fleet : gross tonnage (in 1000 t) of un-inspected ships, by class – 2003/2005



SMALL SHIPS

Table 158 - Total number of small⁽¹⁾ un-inspected^(*) ships, by type class – 2005

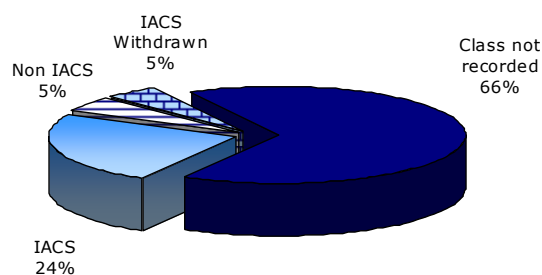
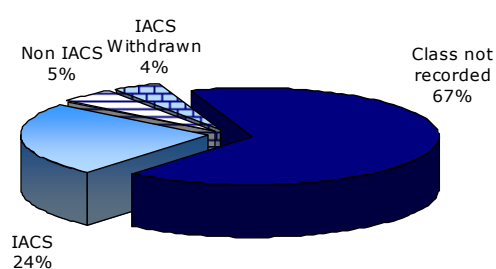
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	236	4,2%	457	39,6%	102	9,5%	3 947	25,9%	4 742	21%
Specialized Cargo Ships	1	0,0%			2	0,2%	25	0,2%	28	0%
Container Ships										
Ro-Ro Cargo Ships	8	0,1%	1	0,1%			21	0,1%	30	0%
Bulk Carriers	4	0,1%	5	0,4%	5	0,5%	415	2,7%	429	2%
Oil and Chemical Tankers	223	4,0%	44	3,8%	70	6,5%	1 642	10,8%	1 979	9%
Gas Tankers	9	0,2%	0	0,0%	5	0,5%	32	0,2%	46	0%
Other Tankers	16	0,3%	6	0,5%	4	0,4%	121	0,8%	147	1%
Passenger Ships	615	11,1%	137	11,9%	176	16,4%	2 068	13,6%	2 996	13%
Offshore Vessels	523	9,4%	19	1,6%	55	5,1%	628	4,1%	1 225	5%
Service Ships	478	8,6%	25	2,2%	103	9,6%	1 130	7,4%	1 736	8%
Tugs	3 200	57,6%	442	38,3%	530	49,4%	5 001	32,8%	9 173	40%
Leisure Vessels	245	4,4%	18	1,6%	20	1,9%	221	1,4%	504	2%
Total	5 558	100%	1 154	100%	1 072	100%	15 251	100%	23 035	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005 - ^(*) Inspections in the period 2003/2005

Table 159 - Gross tonnage (in 1000 t) of small⁽¹⁾ un-inspected^(*) ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	72	4,9%	142	46,9%	31	12,0%	1 248	31,1%	1 493	25%
Specialized Cargo Ships	0	0,0%			1	0,3%	10	0,2%	10	0%
Container Ships										
Ro-Ro Cargo Ships	3	0,2%	0	0,1%			8	0,2%	11	0%
Bulk Carriers	2	0,1%	2	0,7%	2	0,8%	157	3,9%	163	3%
Oil and Chemical Tankers	82	5,6%	15	4,9%	26	10,1%	512	12,8%	635	10%
Gas Tankers	4	0,3%			2	0,8%	11	0,3%	16	0%
Other Tankers	5	0,3%	2	0,6%	1	0,4%	32	0,8%	39	1%
Passenger Ships	170	11,5%	38	12,6%	44	16,9%	492	12,3%	744	12%
Offshore Vessels	157	10,6%	5	1,6%	15	5,7%	169	4,2%	345	6%
Service Ships	114	7,7%	5	1,7%	23	8,9%	309	7,7%	451	7%
Tugs	832	56,3%	90	29,6%	110	42,6%	1 009	25,1%	2 041	34%
Leisure Vessels	36	2,4%	4	1,2%	4	1,4%	57	1,4%	101	2%
Total	1 477	100%	304	100%	258	100%	4 013	100%	6 051	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT<500 - IACS membership on 31/12/2005 - ^(*) Inspections in the period 2003/2005

Graph 148 - Total number of small un-inspected ships, by class – 2003/2005**Graph 149 - Gross tonnage (in 1000 t) of small un-inspected ships, by class – 2003/2005**

MEDIUM SHIPS

Table 160 - Total number of medium⁽¹⁾ un-inspected^(*) ships, by type and class – 2005

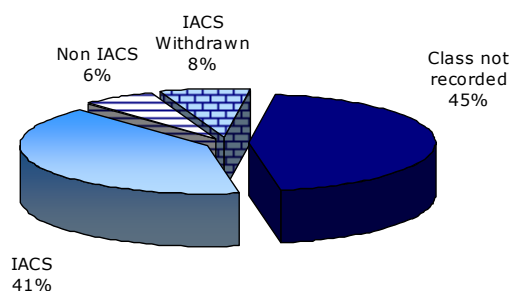
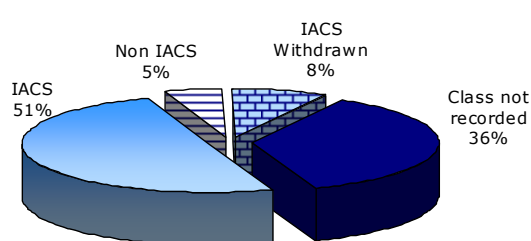
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	707	11,9%	429	46,9%	354	31,4%	2 380	36,3%	3 870	27%
Specialized Cargo Ships	17	0,3%	3	0,3%	7	0,6%	28	0,4%	55	0,4%
Container Ships	165	2,8%	14	1,5%	17	1,5%	56	0,9%	252	1,7%
Ro-Ro Cargo Ships	171	2,9%	13	1,4%	36	3,2%	105	1,6%	325	2,2%
Bulk Carriers	297	5,0%	25	2,7%	69	6,1%	297	4,5%	688	4,7%
Oil and Chemical Tankers	1 226	20,6%	181	19,8%	237	21,0%	1 198	18,3%	2 842	19,6%
Gas Tankers	198	3,3%	2	0,2%	34	3,0%	79	1,2%	313	2,2%
Other Tankers	37	0,6%	9	1,0%	15	1,3%	37	0,6%	98	0,7%
Passenger Ships	662	11,1%	149	16,3%	131	11,6%	1 037	15,8%	1 979	13,6%
Offshore Vessels	1 436	24,2%	29	3,2%	79	7,0%	299	4,6%	1 843	12,7%
Service Ships	609	10,2%	53	5,8%	117	10,4%	803	12,3%	1 582	10,9%
Tugs	326	5,5%	7	0,8%	29	2,6%	182	2,8%	544	3,7%
Leisure Vessels	91	1,5%	1	0,1%	2	0,2%	51	0,8%	145	1,0%
Total	5 942	100%	915	100%	1 127	100%	6 552	100%	14 536	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005 - ^(*) Inspections in the period 2003/2005

Table 161 - Gross tonnage (in 1000 t) of medium⁽¹⁾ un-inspected^(*) ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 744	11,9%	908	39,8%	1 183	30,8%	5 746	34,5%	10 580	23%
Specialized Cargo Ships	74	0,3%	6	0,3%	18	0,5%	45	0,3%	142	0%
Container Ships	1 888	8,2%	48	2,1%	68	1,8%	239	1,4%	2 244	5%
Ro-Ro Cargo Ships	1 207	5,2%	46	2,0%	164	4,3%	304	1,8%	1 721	4%
Bulk Carriers	2 232	9,7%	114	5,0%	895	23,3%	2 756	16,6%	5 997	13%
Oil and Chemical Tankers	5 530	24,0%	509	22,3%	627	16,4%	2 459	14,8%	9 126	20%
Gas Tankers	557	2,4%	3	0,1%	40	1,0%	83	0,5%	683	1%
Other Tankers	70	0,3%	27	1,2%	62	1,6%	36	0,2%	194	0%
Passenger Ships	3 366	14,6%	480	21,1%	354	9,2%	2 499	15,0%	6 699	15%
Offshore Vessels	2 360	10,2%	26	1,2%	152	4,0%	494	3,0%	3 033	7%
Service Ships	2 556	11,1%	106	4,6%	249	6,5%	1 765	10,6%	4 676	10%
Tugs	346	1,5%	5	0,2%	24	0,6%	136	0,8%	510	1%
Leisure Vessels	101	0,4%	1	0,0%	2	0,0%	76	0,5%	179	0%
Total	23 031	100%	2 279	100%	3 836	100%	16 638	100%	45 785	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2005 - ^(*) Inspections in the period 2003/2005

Graph 150 - Total number of medium un-inspected ships, by class – 2003/2005**Graph 151 - Gross tonnage (in 1000 t) of medium un-inspected ships, by class – 2003/2005**

LARGE SHIPS

Table 162 - Total number of large⁽¹⁾ un-inspected^(*) ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2	0,6%							2	0,5%
Specialized Cargo Ships	2	0,6%							2	0,5%
Container Ships	31	9,4%					5	8,1%	36	8,5%
Ro-Ro Cargo Ships	10	3,0%			2	7,4%	2	3,2%	14	3,3%
Bulk Carriers	52	15,8%	2	67%	13	48,1%	29	46,8%	96	22,7%
Oil and Chemical Tankers	128	38,8%			9	33,3%	10	16,1%	147	34,8%
Gas Tankers	11	3,3%					1	1,6%	12	2,8%
Other Tankers										
Passenger Ships	43	13,0%	1	33%	2	7,4%	2	3,2%	48	11,4%
Offshore Vessels	28	8,5%			1	3,7%	8	12,9%	37	8,8%
Service Ships	23	7,0%					5	8,1%	28	6,6%
Tugs										
Leisure Vessels										
Total	330	100%	3	100%	27	100%	62	100%	422	100%

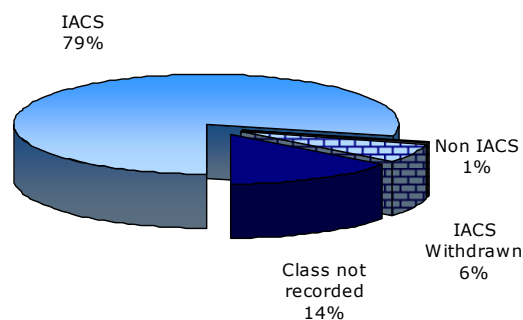
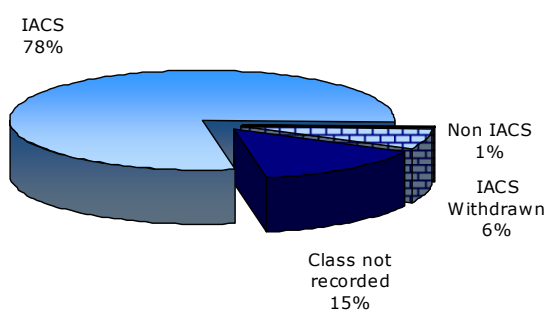
Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005 - ^(*) Inspections in the period 2003/2005

Table 163 - Gross tonnage (in 1000 t) of large⁽¹⁾ un-inspected^(*) ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	53	0,4%							53	0%
Specialized Cargo Ships	76	0,6%							76	0%
Container Ships	1 048	8,5%					179	8,0%	1 227	8%
Ro-Ro Cargo Ships	352	2,8%			86	8,7%	87	3,9%	524	3%
Bulk Carriers	1 760	14,3%	60	69%	409	41,5%	1 005	44,8%	3 233	21%
Oil and Chemical Tankers	4 962	40,2%			375	38,1%	381	17,0%	5 719	37%
Gas Tankers	471	3,8%					41	1,8%	512	3%
Other Tankers										
Passenger Ships	1 482	12,0%	27	31%	68	6,9%	53	2,4%	1 630	10%
Offshore Vessels	1 281	10,4%			47	4,8%	341	15,2%	1 669	11%
Service Ships	864	7,0%					156	7,0%	1 021	7%
Tugs										
Leisure Vessels										
Total	12 349	100%	87	100%	985	100%	2 243	100%	15 664	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2005 - ^(*) Inspections in the period 2003/2005

Graph 152 - Total number of large un-inspected ships, by classification societies – 2003/2005 **Graph 153 - Gross tonnage (in 1000 t) of large un-inspected ships, by class – 2003/2005**



VERY LARGE SHIPS

Table 164 - Total number of very large⁽¹⁾ un-inspected^(*) ships, by type and class – 2005

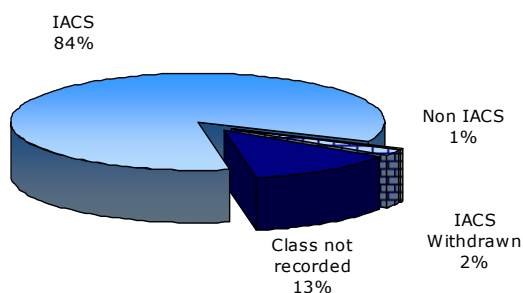
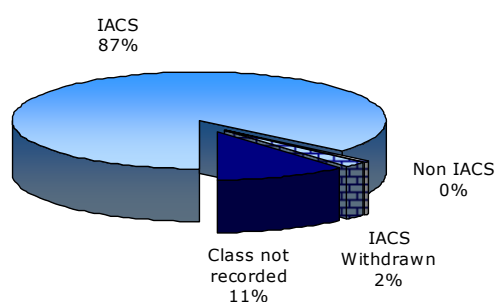
Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	2	0,8%					8	21,1%	10	3,4%
Ro-Ro Cargo Ships	2	0,8%							2	0,7%
Bulk Carriers	9	3,6%					3	7,9%	12	4,1%
Oil and Chemical Tankers	132	52,8%			2	33%	12	31,6%	146	49,3%
Gas Tankers	38	15,2%					1	2,6%	39	13,2%
Other Tankers										
Passenger Ships	1	0,4%							1	0,3%
Offshore Vessels	59	23,6%	2	100%	4	67%	14	36,8%	79	26,7%
Service Ships	7	2,8%							7	2,4%
Tugs										
Leisure Vessels										
Total	250	100%	2	100%	6	100%	38	100%	296	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005 - ^(*)Inspections in the period 2003/2005

Table 165 - Gross tonnage (in 1000 t) of very large⁽¹⁾ un-inspected^(*) ships, by type and class – 2005

Ship Type	IACS		Non IACS		IACS Withdrawn		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	191	0,7%					745	19,5%	936	3%
Ro-Ro Cargo Ships	131	0,4%							131	0%
Bulk Carriers	848	2,9%					255	6,7%	1 103	3%
Oil and Chemical Tankers	16 952	58,2%			212	32%	1 463	38,2%	18 627	55%
Gas Tankers	4 039	13,9%					97	2,5%	4 137	12%
Other Tankers										
Passenger Ships	80	0,3%							80	0%
Offshore Vessels	6 375	21,9%	164	100%	459	68%	1 267	33,1%	8 265	24%
Service Ships	496	1,7%							496	1%
Tugs										
Leisure Vessels										
Total	29 111	100%	164	100%	671	100%	3 828	100%	33 774	100%

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2005 - ^(*)Inspections in the period 2003/2005

Graph 154 - Total number of very large un-inspected ships, by class – 2003/2005**Graph 155 - Gross tonnage (in 1000 t) of very large un-inspected ships, by class – 2003/2005**

5.5. SHIP INSPECTIONS BY FLAG

WHOLE FLEET

Table 166 - World fleet : total number of inspected^(*) ships, by type and flag – 2005

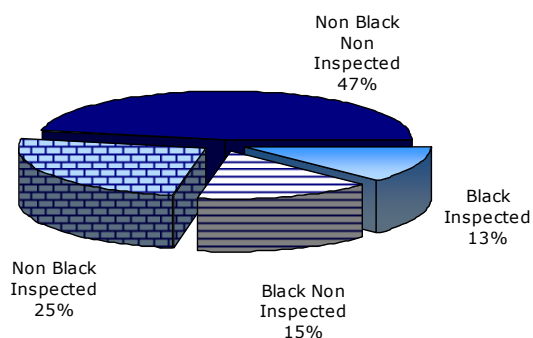
Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	86	43,0%	1 491	29,6%	1 577	30,1%	63	14,8%	3 251	18,1%	3 314	18%
Specialized Cargo Ships	2	1,0%	14	0,3%	16	0,3%			14	0,1%	14	0%
Container Ships												
Ro-Ro Cargo Ships	2	1,0%	8	0,2%	10	0,2%	1	0,2%	22	0,1%	23	0%
Bulk Carriers	2	1,0%	50	1,0%	52	1,0%	3	0,7%	379	2,1%	382	2%
Oil and Chemical Tankers	18	9,0%	357	7,1%	375	7,2%	16	3,8%	1 622	9,0%	1 638	9%
Gas Tankers	0	0,0%	5	0,1%	5	0,1%	3	0,7%	41	0,2%	44	0%
Other Tankers	2	1,0%	39	0,8%	41	0,8%	2	0,5%	108	0,6%	110	1%
Passenger Ships	34	17,0%	434	8,6%	468	8,9%	60	14,1%	2 562	14,2%	2 622	14%
Offshore Vessels	11	5,5%	287	5,7%	298	5,7%	22	5,2%	938	5,2%	960	5%
Service Ships	11	5,5%	267	5,3%	278	5,3%	37	8,7%	1 469	8,2%	1 506	8%
Tugs	32	16,0%	2 048	40,7%	2 080	39,8%	212	49,9%	7 125	39,6%	7 337	40%
Leisure Vessels			32	0,6%	32	0,6%	6	1,4%	472	2,6%	478	3%
Total	200	100%	5 032	100%	5 232	100%	425	100%	18 003	100%	18 428	100%

Source : Equasis processed by Emsa - ^(*)Inspections in the period 2003/2005Table 167 - World fleet : gross tonnage (in 1000 t) of inspected^(*) ships, by type and flag – 2005

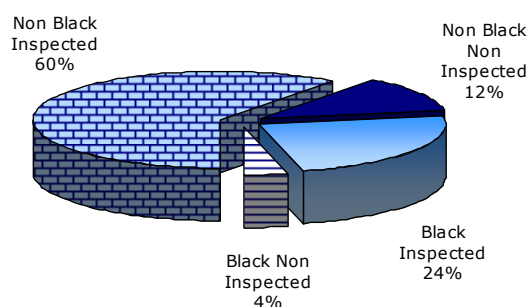
Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	13 465	8,9%	4 517	18,2%	17 982	10%	25 490	6,7%	7 610	9,9%	33 100	7%
Specialized Cargo Ships	383	0,3%	56	0,2%	438	0%	787	0,2%	173	0,2%	960	0%
Container Ships	21 196	14,0%	673	2,7%	21 869	12%	58 176	15,2%	3 733	4,9%	61 909	13%
Ro-Ro Cargo Ships	11 289	7,5%	439	1,8%	11 728	7%	16 258	4,3%	1 948	2,5%	18 206	4%
Bulk Carriers	64 243	42,5%	2 482	10,0%	66 725	38%	103 120	27,0%	8 014	10,5%	111 134	24%
Oil and Chemical Tankers	30 146	20,0%	10 284	41,5%	40 429	23%	134 290	35,1%	23 823	31,1%	158 114	34%
Gas Tankers	4 915	3,3%	464	1,9%	5 379	3%	19 073	5,0%	4 884	6,4%	23 957	5%
Other Tankers	83	0,1%	86	0,3%	169	0%	468	0,1%	148	0,2%	616	0%
Passenger Ships	2 521	1,7%	1 182	4,8%	3 702	2%	14 871	3,9%	7 972	10,4%	22 843	5%
Offshore Vessels	2 532	1,7%	3 214	13,0%	5 746	3%	7 518	2,0%	10 098	13,2%	17 616	4%
Service Ships	202	0,1%	788	3,2%	990	1%	1 880	0,5%	5 856	7,7%	7 735	2%
Tugs	47	0,0%	550	2,2%	598	0%	154	0,0%	2 001	2,6%	2 155	0%
Leisure Vessels	2	0,0%	20	0,1%	22	0%	7	0,0%	259	0,3%	266	0%
Total	151 024	100%	24 754	100%	175 777	100%	382 091	100%	76 520	100%	458 611	100%

Source : Equasis processed by Emsa - ^(*)Inspections in the period 2003/2005

Graph 156 - World fleet : total number of inspected ships, by flag – 2003/2005



Graph 157 - World fleet : gross tonnage (in 1000 t) of inspected ships, by flag – 2003/2005



SMALL SHIPS

Table 168 - Total number of small⁽¹⁾ inspected^(*) ships, by type and flag – 2005

Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	86	43,0%	1 491	29,6%	1 577	30,1%	63	14,8%	3 251	18,1%	3 314	18%
Specialized Cargo Ships	2	1,0%	14	0,3%	16	0,3%			14	0,1%	14	0%
Container Ships												
Ro-Ro Cargo Ships	2	1,0%	8	0,2%	10	0,2%	1	0,2%	22	0,1%	23	0%
Bulk Carriers	2	1,0%	50	1,0%	52	1,0%	3	0,7%	379	2,1%	382	2%
Oil and Chemical Tankers	18	9,0%	357	7,1%	375	7,2%	16	3,8%	1 622	9,0%	1 638	9%
Gas Tankers	0	0,0%	5	0,1%	5	0,1%	3	0,7%	41	0,2%	44	0%
Other Tankers	2	1,0%	39	0,8%	41	0,8%	2	0,5%	108	0,6%	110	1%
Passenger Ships	34	17,0%	434	8,6%	468	8,9%	60	14,1%	2 562	14,2%	2 622	14%
Offshore Vessels	11	5,5%	287	5,7%	298	5,7%	22	5,2%	938	5,2%	960	5%
Service Ships	11	5,5%	267	5,3%	278	5,3%	37	8,7%	1 469	8,2%	1 506	8%
Tugs	32	16,0%	2 048	40,7%	2 080	39,8%	212	49,9%	7 125	39,6%	7 337	40%
Leisure Vessels			32	0,6%	32	0,6%	6	1,4%	472	2,6%	478	3%
Total	200	100%	5 032	100%	5 232	100%	425	100%	18 003	100%	18 428	100%

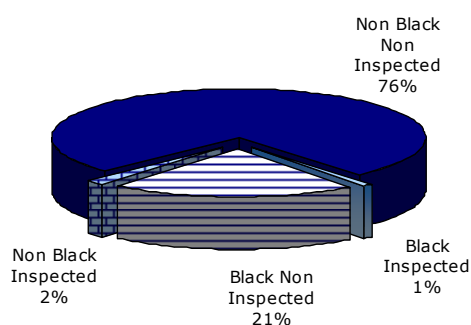
Source : Equasis processed by Emsa - ⁽¹⁾GT<500 - ^(*)Inspections in the period 2003/2005

Table 169 - Gross tonnage (in 1000 t) of small⁽¹⁾ inspected^(*) ships, by type and flag – 2005

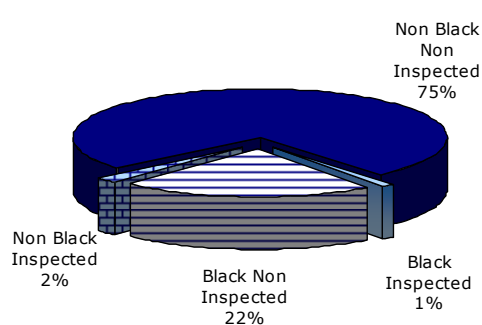
Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	36	49,2%	467	34,2%	503	35%	23	17,9%	1 026	21,9%	1 049	22%
Specialized Cargo Ships	1	1,4%	6	0,4%	7	0%			5	0,1%	5	0%
Container Ships												
Ro-Ro Cargo Ships	1	1,4%	3	0,2%	4	0%	0	0,4%	8	0,2%	9	0%
Bulk Carriers	1		20	1,4%	20	1%	1	0,9%	143	3,1%	145	3%
Oil and Chemical Tankers	8	11,3%	123	9,0%	131	9%	7	5,5%	513	10,9%	520	11%
Gas Tankers			2	0,2%	2	0%	1	1,2%	14	0,3%	16	0%
Other Tankers	1	1,4%	10	0,8%	11	1%	1	0,5%	29	0,6%	29	1%
Passenger Ships	9	12,3%	114	8,3%	123	9%	18	14,0%	631	13,5%	649	13%
Offshore Vessels	3	4,8%	85	6,2%	88	6%	8	6,3%	260	5,6%	268	6%
Service Ships	4	5,0%	70	5,1%	73	5%	8	6,3%	382	8,1%	390	8%
Tugs	9	12,0%	460	33,6%	468	33%	60	46,6%	1 581	33,8%	1 641	34%
Leisure Vessels			9	0,7%	9	1%	1	0,5%	91	1,9%	92	2%
Total	72	99%	1 368	100%	1 440	100%	128	100%	4 683	100%	4 811	100%

Source : Equasis processed by Emsa - ⁽¹⁾GT<500 - ^(*)Inspections in the period 2003/2005

Graph 158 - Total number of small inspected ships, by flag – 2003/2005



Graph 159 - Gross tonnage (in 1000 t) of small inspected ships, by flag – 2003/2005



MEDIUM SHIPS

Table 170 - Total number of medium⁽¹⁾ inspected^(*) ships, by type and flag – 2005

Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	3 050	54,8%	1 646	39,7%	4 696	48,3%	3 878	40,4%	2 224	21,4%	6 102	31%
Specialized Cargo Ships	27	0,5%	27	0,7%	54	0,6%	62	0,6%	28	0,3%	90	0%
Container Ships	384	6,9%	60	1,4%	444	4,6%	1 018	10,6%	192	1,8%	1 210	6%
Ro-Ro Cargo Ships	184	3,3%	90	2,2%	274	2,8%	355	3,7%	235	2,3%	590	3%
Bulk Carriers	911	16,4%	116	2,8%	1 027	10,6%	1 377	14,3%	572	5,5%	1 949	10%
Oil and Chemical Tankers	610	11,0%	930	22,4%	1 540	15,8%	1 514	15,8%	1 912	18,4%	3 426	17%
Gas Tankers	125	2,2%	84	2,0%	209	2,2%	285	3,0%	229	2,2%	514	3%
Other Tankers	30	0,5%	29	0,7%	59	0,6%	68	0,7%	69	0,7%	137	1%
Passenger Ships	76	1,4%	337	8,1%	413	4,2%	331	3,4%	1 642	15,8%	1 973	10%
Offshore Vessels	74	1,3%	438	10,6%	512	5,3%	393	4,1%	1 405	13,5%	1 798	9%
Service Ships	65	1,2%	278	6,7%	343	3,5%	254	2,6%	1 304	12,6%	1 558	8%
Tugs	32	0,6%	102	2,5%	134	1,4%	68	0,7%	442	4,3%	510	3%
Leisure Vessels	1	0,0%	12	0,3%	13	0,1%	2	0,0%	133	1,3%	135	1%
Total	5 569	100%	4 149	100%	9 718	100%	9 605	100%	10 387	100%	19 992	100%

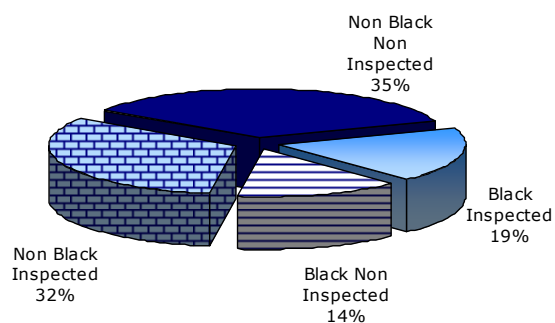
Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - ^(*) Inspections in the period 2003/2005

Table 171 - Gross tonnage (in 1000 t) of medium⁽¹⁾ inspected^(*) ships, by type and flag – 2005

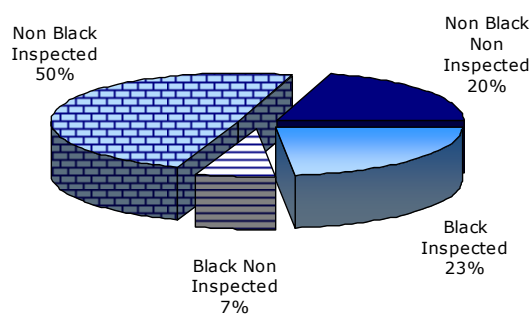
Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	13 141	33,7%	4 049	34,4%	17 190	34%	20 539	24,7%	6 531	19,2%	27 070	23%
Specialized Cargo Ships	138	0,4%	50	0,4%	188	0%	523	0,6%	92	0,3%	615	1%
Container Ships	4 832	12,4%	405	3,4%	5 238	10%	12 507	15,0%	1 838	5,4%	14 345	12%
Ro-Ro Cargo Ships	1 776	4,5%	379	3,2%	2 155	4%	4 254	5,1%	1 342	3,9%	5 597	5%
Bulk Carriers	13 500	34,6%	1 046	8,9%	14 545	29%	22 867	27,4%	4 951	14,6%	27 818	24%
Oil and Chemical Tankers	3 772	9,7%	3 053	25,9%	6 825	13%	14 331	17,2%	6 073	17,9%	20 405	17%
Gas Tankers	654	1,7%	238	2,0%	893	2%	2 073	2,5%	445	1,3%	2 517	2%
Other Tankers	82	0,2%	75	0,6%	158	0%	371	0,4%	119	0,4%	490	0%
Passenger Ships	742	1,9%	1 068	9,1%	1 810	4%	3 433	4,1%	5 631	16,6%	9 064	8%
Offshore Vessels	163	0,4%	646	5,5%	809	2%	1 054	1,3%	2 387	7,0%	3 441	3%
Service Ships	199	0,5%	655	5,6%	854	2%	1 253	1,5%	4 021	11,8%	5 273	4%
Tugs	39	0,1%	90	0,8%	129	0%	95	0,1%	420	1,2%	514	0%
Leisure Vessels	2	0,0%	11	0,1%	12	0%	6	0,0%	168	0,5%	174	0%
Total	39 039	100%	11 766	100%	50 806	100%	83 306	100%	34 019	100%	117 325	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - ^(*) Inspections in the period 2003/2005

Graph 160 - Total number of medium inspected ships, by flag – 2003/2005



Graph 161 - Gross tonnage (in 1000 t) of medium inspected ships, by flag – 2003/2005



LARGE SHIPS

Table 172 - Total number of large⁽¹⁾ inspected^(*) ships, by type and flag – 2005

Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	11	0,8%			11	0,7%	167	4,3%	2	0,6%	169	4%
Specialized Cargo Ships	8	0,6%			8	0,5%	8	0,2%	2	0,6%	10	0%
Container Ships	225	15,8%			225	14,9%	758	19,7%	36	10,7%	794	19%
Ro-Ro Cargo Ships	199	14,0%	2	2,4%	201	13,3%	243	6,3%	12	3,6%	255	6%
Bulk Carriers	765	53,8%	23	27,1%	788	52,3%	1 412	36,6%	73	21,7%	1 485	35%
Oil and Chemical Tankers	158	11,1%	50	58,8%	208	13,8%	1 012	26,2%	97	28,8%	1 109	26%
Gas Tankers	41	2,9%	3	3,5%	44	2,9%	99	2,6%	9	2,7%	108	3%
Other Tankers							3	0,1%			3	0%
Passenger Ships	13	0,9%			13	0,9%	149	3,9%	48	14,2%	197	5%
Offshore Vessels	1	0,1%	5	5,9%	6	0,4%	3	0,1%	32	9,5%	35	1%
Service Ships			2	2,4%	2	0,1%	3	0,1%	26	7,7%	29	1%
Tugs												
Leisure Vessels												
Total	1 421	100%	85	100%	1 506	100%	3 857	100%	337	100%	4 194	100%

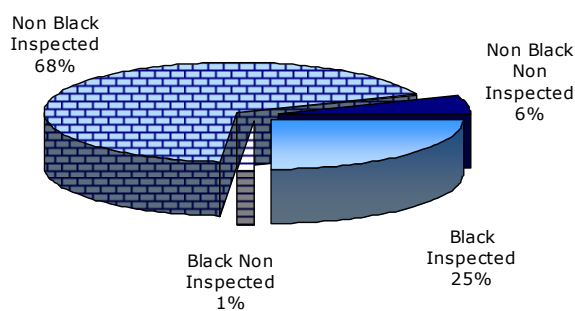
Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - ^(*) Inspections in the period 2003/2005

Table 173 - Gross tonnage (in 1000 t) of large⁽¹⁾ inspected^(*) ships, by type and flag – 2005

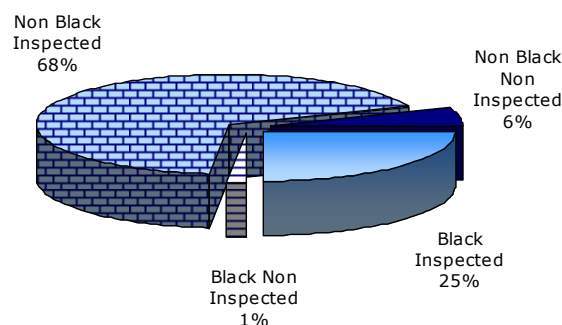
Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	289	0,5%			289	1%	4 928	3,4%	53	0,4%	4 981	3%
Specialized Cargo Ships	244	0,5%			244	0%	264	0,2%	76	0,6%	340	0%
Container Ships	9 267	17,2%			9 267	16%	29 011	20,0%	1 227	9,8%	30 238	19%
Ro-Ro Cargo Ships	8 713	16,2%	57	1,8%	8 770	15%	10 818	7,5%	467	3,7%	11 285	7%
Bulk Carriers	26 795	49,7%	826	26,2%	27 622	48%	48 845	33,7%	2 407	19,2%	51 252	33%
Oil and Chemical Tankers	6 173	11,5%	1 848	58,5%	8 021	14%	41 264	28,5%	3 871	31,0%	45 135	29%
Gas Tankers	1 833	3,4%	131	4,1%	1 964	3%	4 062	2,8%	381	3,0%	4 443	3%
Other Tankers							96	0,1%			96	0%
Passenger Ships	526	1,0%			526	1%	5 253	3,6%	1 630	13,0%	6 883	4%
Offshore Vessels	34	0,1%	232	7,4%	267	0%	119	0,1%	1 436	11,5%	1 555	1%
Service Ships			63	2,0%	63	0%	123	0,1%	958	7,7%	1 081	1%
Tugs												
Leisure Vessels												
Total	53 874	100%	3 157	100%	57 031	100%	144 782	100%	12 506	100%	157 288	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - ^(*) Inspections in the period 2003/2005

Graph 162 - Total number of large inspected ships, by flag – 2003/2005



Graph 163 - Gross tonnage (in 1000 t) of large inspected ships, by flag – 2003/2005



VERY LARGE SHIPS

Table 174 - Total number of very large⁽¹⁾ inspected^(*) ships, by type and flag – 2005

Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	99	16,9%	3	4,3%	102	15,6%	224	14,3%	7	3,1%	231	13%
Ro-Ro Cargo Ships	13	2,2%			13	2,0%	18	1,2%	2	0,9%	20	1%
Bulk Carriers	271	46,3%	6	8,7%	277	42,4%	367	23,5%	6	2,6%	373	21%
Oil and Chemical Tankers	141	24,1%	38	55,1%	179	27,4%	693	44,3%	108	47,6%	801	45%
Gas Tankers	25	4,3%	1	1,4%	26	4,0%	131	8,4%	38	16,7%	169	9%
Other Tankers												
Passenger Ships	14	2,4%			14	2,1%	71	4,5%	1	0,4%	72	4%
Offshore Vessels	22	3,8%	21	30,4%	43	6,6%	61	3,9%	58	25,6%	119	7%
Service Ships									7	3,1%	7	0%
Tugs												
Leisure Vessels												
Total	585	100%	69	100%	654	100%	1 565	100%	227	100%	1 792	100%

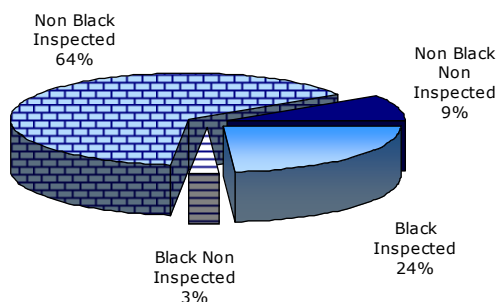
Source : Equasis processed by Emsa - ⁽¹⁾GT≥60.000 - ^(*)Inspections in the period 2003/2005

Table 175 - Gross tonnage (in 1000 t) of very large⁽¹⁾ inspected^(*) ships, by type and flag – 2005

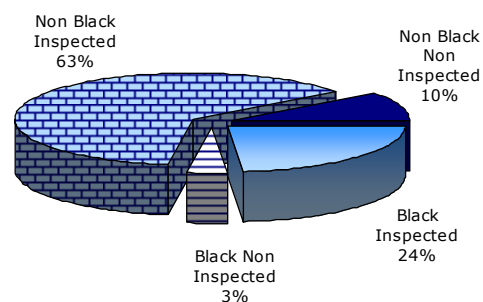
Ship Type	Black flag						Non black flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	7 097	12,2%	268	3,2%	7 365	11%	16 658	10,9%	668	2,6%	17 326	10%
Ro-Ro Cargo Ships	800	1,4%			800	1%	1 185	0,8%	131	0,5%	1 316	1%
Bulk Carriers	23 947	41,3%	591	7,0%	24 538	37%	31 407	20,5%	512	2,0%	31 919	18%
Oil and Chemical Tankers	20 192	34,8%	5 260	62,2%	25 453	38%	78 688	51,3%	13 367	52,8%	92 054	52%
Gas Tankers	2 428	4,2%	93	1,1%	2 520	4%	12 937	8,4%	4 044	16,0%	16 981	10%
Other Tankers												
Passenger Ships	1 243	2,1%			1 243	2%	6 167	4,0%	80	0,3%	6 248	3%
Offshore Vessels	2 331	4,0%	2 251	26,6%	4 582	7%	6 337	4,1%	6 014	23,8%	12 352	7%
Service Ships									496	2,0%	496	0%
Tugs												
Leisure Vessels												
Total	58 038	100%	8 462	100%	66 500	100%	153 380	100%	25 312	100%	178 692	100%

Source : Equasis processed by Emsa - ⁽¹⁾GT≥60.000 - ^(*)Inspections in the period 2003/2005

Graph 164 - Total number of very large inspected ships, by flag – 2003/2005



Graph 165 - Gross tonnage (in 1000 t) of very large inspected ships, by flag – 2003/2005



5.6. SHIP INSPECTIONS BY P&I

WHOLE FLEET

Table 176 - World fleet : total number of inspected^(*) ships, by type and P&I – 2005

Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	3 811	21,6%	377	8,1%	4 188	18,8%	3 444	61,3%	8 237	24,5%	11 681	30%
Specialized Cargo Ships	76	0,4%	9	0,2%	85	0,4%	31	0,6%	76	0,2%	107	0%
Container Ships	2 534	14,4%	184	4,0%	2 718	12,2%	174	3,1%	114	0,3%	288	1%
Ro-Ro Cargo Ships	891	5,1%	75	1,6%	966	4,3%	124	2,2%	296	0,9%	420	1%
Bulk Carriers	4 672	26,5%	207	4,5%	4 879	21,9%	436	7,8%	1 018	3,0%	1 454	4%
Oil and Chemical Tankers	3 700	21,0%	1 042	22,4%	4 742	21,3%	462	8,2%	4 072	12,1%	4 534	12%
Gas Tankers	658	3,7%	134	2,9%	792	3,6%	51	0,9%	276	0,8%	327	1%
Other Tankers	71	0,4%	17	0,4%	88	0,4%	34	0,6%	228	0,7%	262	1%
Passenger Ships	560	3,2%	868	18,7%	1 428	6,4%	188	3,3%	4 156	12,4%	4 344	11%
Offshore Vessels	362	2,1%	696	15,0%	1 058	4,8%	225	4,0%	2 488	7,4%	2 713	7%
Service Ships	184	1,0%	284	6,1%	468	2,1%	193	3,4%	3 069	9,1%	3 262	8%
Tugs	100	0,6%	727	15,7%	827	3,7%	244	4,3%	8 990	26,7%	9 234	24%
Leisure Vessels	1	0,0%	25	0,5%	26	0,1%	8	0,1%	624	1,9%	632	2%
Total	17 620	100%	4 645	100%	22 265	100%	5 614	100%	33 644	100%	39 258	100%

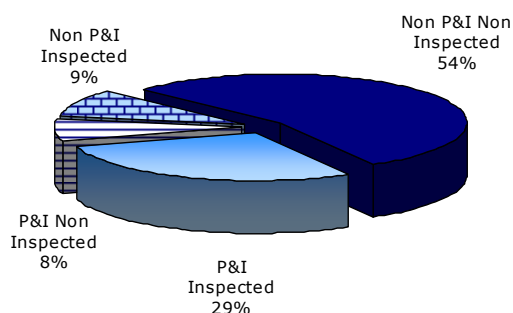
Source : Equasis processed by Emsa - (*)Inspections in the period 2003/2005

Table 177 - World fleet : gross tonnage (in 1000 t) of inspected^(*) ships, by type and P&I – 2005

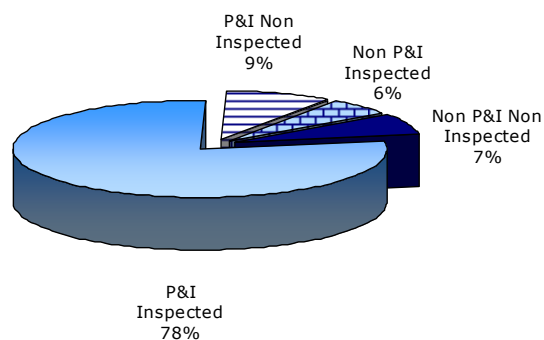
Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	27 820	5,6%	1 806	3,2%	29 627	5%	11 134	31,1%	10 320	23,3%	21 455	27%
Specialized Cargo Ships	1 027	0,2%	85	0,1%	1 113	0%	142	0,4%	144	0,3%	286	0%
Container Ships	76 017	15,3%	3 418	6,0%	79 435	14%	3 355	9,4%	989	2,2%	4 343	5%
Ro-Ro Cargo Ships	26 594	5,3%	1 139	2,0%	27 733	5%	953	2,7%	1 248	2,8%	2 201	3%
Bulk Carriers	159 708	32,1%	4 730	8,3%	164 438	30%	7 655	21,4%	5 766	13,0%	13 421	17%
Oil and Chemical Tankers	157 300	31,6%	25 933	45,4%	183 233	33%	7 135	20,0%	8 174	18,5%	15 310	19%
Gas Tankers	23 457	4,7%	5 033	8,8%	28 491	5%	531	1,5%	315	0,7%	845	1%
Other Tankers	479	0,1%	54	0,1%	533	0%	72	0,2%	180	0,4%	252	0%
Passenger Ships	16 322	3,3%	4 390	7,7%	20 712	4%	1 070	3,0%	4 764	10,8%	5 834	7%
Offshore Vessels	6 992	1,4%	7 942	13,9%	14 934	3%	3 058	8,6%	5 370	12,1%	8 428	11%
Service Ships	1 529	0,3%	2 203	3,9%	3 732	1%	553	1,5%	4 441	10,0%	4 993	6%
Tugs	111	0,0%	307	0,5%	419	0%	90	0,3%	2 243	5,1%	2 334	3%
Leisure Vessels	0	0,0%	26	0,0%	26	0%	9	0,0%	254	0,6%	263	0%
Total	497 359	100%	57 065	100%	554 424	100%	35 755	100%	44 209	100%	79 964	100%

Source : Equasis processed by Emsa - (*)Inspections in the period 2003/2005

Graph 166 - World fleet : total number of inspected ships, by P&I – 2003/2005



Graph 167 - World fleet : gross tonnage (in 1000 t) of inspected ships, by P&I – 2003/2005



SMALL SHIPS

Table 178 - Total number of small⁽¹⁾ inspected^(*) ships, by type and P&I – 2005

Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	23	21,3%	32	3,5%	55	5,4%	126	24,4%	4 710	21,3%	4 836	21%
Specialized Cargo Ships							2	0,4%	28	0,1%	30	0%
Container Ships												
Ro-Ro Cargo Ships			1	0,1%	1	0,1%	3	0,6%	29	0,1%	32	0%
Bulk Carriers			3	0,3%	3	0,3%	5	1,0%	426	1,9%	431	2%
Oil and Chemical Tankers	12	11,1%	24	2,6%	36	3,5%	22	4,3%	1 955	8,8%	1 977	9%
Gas Tankers							2	0,4%	46	0,2%	48	0%
Other Tankers			2	0,2%	2	0,2%	4	0,8%	145	0,7%	149	1%
Passenger Ships	19	17,6%	196	21,4%	215	21,0%	75	14,5%	2 800	12,7%	2 875	13%
Offshore Vessels	8	7,4%	34	3,7%	42	4,1%	25	4,8%	1 191	5,4%	1 216	5%
Service Ships	8	7,4%	40	4,4%	48	4,7%	40	7,8%	1 696	7,7%	1 736	8%
Tugs	37	34,3%	569	62,3%	606	59,3%	207	40,1%	8 604	38,9%	8 811	39%
Leisure Vessels	1	0,9%	13	1,4%	14	1,4%	5	1,0%	491	2,2%	496	2%
Total	108	100%	914	100%	1 022	100%	516	100%	22 121	100%	22 637	100%

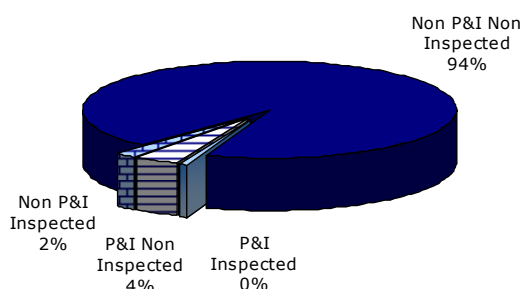
Source : Equasis processed by Emsa - ⁽¹⁾GT<500 - ^(*)Inspections in the period 2003/2005

Table 179 - Gross tonnage (in 1000 t) of small⁽¹⁾ inspected^(*) ships, by type and P&I – 2005

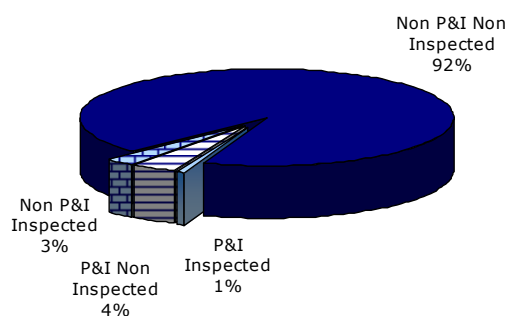
Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	9	26,7%	11	4,9%	21	8%	49	29,8%	1 482	25,5%	1 531	26%
Specialized Cargo Ships							1	0,6%	10	0,2%	11	0%
Container Ships												
Ro-Ro Cargo Ships			0,4	0,2%	0,4	0%	1	0,9%	11	0,2%	12	0%
Bulk Carriers			1	0,4%	1	0%	2	1,2%	162	2,8%	164	3%
Oil and Chemical Tankers	5	14,8%	10	4,0%	15	5%	10	6,1%	626	10,8%	636	11%
Gas Tankers							1,0	0,6%	16	0,3%	17	0%
Other Tankers			1	0,3%	1	0%	2	1,0%	39	0,7%	40	1%
Passenger Ships	6	16,5%	53	22,4%	58	22%	21	12,8%	692	11,9%	713	12%
Offshore Vessels	3	8,3%	10	4,4%	13	5%	9	5,2%	335	5,8%	343	6%
Service Ships	2	4,8%	11	4,6%	13	5%	10	6,1%	440	7,6%	450	8%
Tugs	10	28,9%	138	58,6%	148	55%	58	35,3%	1 903	32,7%	1 961	33%
Leisure Vessels	0	0,0%	0	0,1%	0	0%	1	0,4%	100	1,7%	101	2%
Total	35	100%	235	100%	270	100%	165	100%	5 816	100%	5 980	100%

Source : Equasis processed by Emsa - ⁽¹⁾GT<500 - ^(*)Inspections in the period 2003/2005

Graph 168 - Total number of small inspected ships, by P&I – 2003/2005



Graph 169 - Gross tonnage (in 1000 t) of small inspected ships, by P&I – 2003/2005



MEDIUM SHIPS

Table 180 - Total number of medium⁽¹⁾ inspected^(*) ships, by type and P&I- 2005

Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	3 613	35,0%	343	10,9%	3 956	29,4%	3 315	68,4%	3 527	31,0%	6 842	42,1%
Specialized Cargo Ships	61	0,6%	8	0,3%	69	0,5%	28	0,6%	47	0,4%	75	0,5%
Container Ships	1 275	12,3%	144	4,6%	1 419	10,5%	127	2,6%	108	0,9%	235	1,4%
Ro-Ro Cargo Ships	422	4,1%	60	1,9%	482	3,6%	117	2,4%	265	2,3%	382	2,4%
Bulk Carriers	1 953	18,9%	128	4,1%	2 081	15,4%	335	6,9%	560	4,9%	895	5,5%
Oil and Chemical Tankers	1 751	16,9%	761	24,2%	2 512	18,6%	373	7,7%	2 081	18,3%	2 454	15,1%
Gas Tankers	365	3,5%	83	2,6%	448	3,3%	45	0,9%	230	2,0%	275	1,7%
Other Tankers	68	0,7%	15	0,5%	83	0,6%	30	0,6%	83	0,7%	113	0,7%
Passenger Ships	299	2,9%	626	19,9%	925	6,9%	108	2,2%	1 353	11,9%	1 461	9,0%
Offshore Vessels	294	2,8%	584	18,6%	878	6,5%	173	3,6%	1 259	11,1%	1 432	8,8%
Service Ships	167	1,6%	222	7,1%	389	2,9%	152	3,1%	1 360	11,9%	1 512	9,3%
Tugs	63	0,6%	158	5,0%	221	1,6%	37	0,8%	386	3,4%	423	2,6%
Leisure Vessels			12	0,4%	12	0,1%	3	0,1%	133	1,2%	136	0,8%
Total	10 331	100%	3 144	100%	13 475	100%	4 843	100%	11 392	100%	16 235	100%

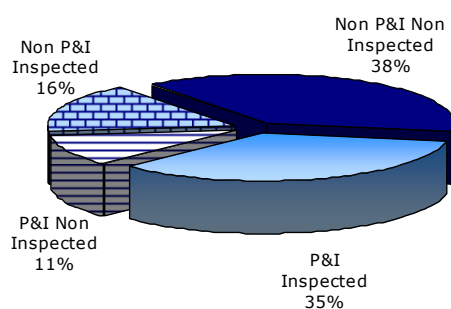
Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - ^(*) Inspections in the period 2003/2005

Table 181 - Gross tonnage (in 1000 t) of medium⁽¹⁾ inspected^(*) ships, by type and P&I - 2005

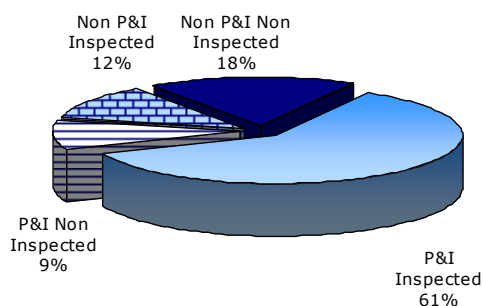
Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	22 690	22,3%	1 742	11,2%	24 432	20,8%	10 989	53,8%	8 838	29,3%	19 827	39,2%
Specialized Cargo Ships	553	0,5%	47	0,3%	600	0,5%	108	0,5%	95	0,3%	203	0,4%
Container Ships	16 290	16,0%	1 753	11,2%	18 043	15,4%	1 049	5,1%	491	1,6%	1 540	3,0%
Ro-Ro Cargo Ships	5 270	5,2%	538	3,4%	5 808	4,9%	760	3,7%	1 184	3,9%	1 944	3,8%
Bulk Carriers	32 303	31,7%	1 477	9,5%	33 780	28,7%	4 063	19,9%	4 520	15,0%	8 584	17,0%
Oil and Chemical Tankers	16 514	16,2%	4 542	29,1%	21 056	17,9%	1 590	7,8%	4 584	15,2%	6 174	12,2%
Gas Tankers	2 538	2,5%	385	2,5%	2 922	2,5%	189	0,9%	298	1,0%	488	1,0%
Other Tankers	383	0,4%	53	0,3%	436	0,4%	70	0,3%	142	0,5%	212	0,4%
Passenger Ships	3 442	3,4%	2 744	17,6%	6 186	5,3%	734	3,6%	3 955	13,1%	4 689	9,3%
Offshore Vessels	882	0,9%	1 049	6,7%	1 931	1,6%	336	1,6%	1 984	6,6%	2 320	4,6%
Service Ships	945	0,9%	1 076	6,9%	2 021	1,7%	506	2,5%	3 599	11,9%	4 106	8,1%
Tugs	101	0,1%	169	1,1%	271	0,2%	32	0,2%	341	1,1%	373	0,7%
Leisure Vessels			25	0,2%	25	0,0%	8	0,0%	154	0,5%	162	0,3%
Total	101 911	100%	15 600	100%	117 512	100%	20 435	100%	30 184	100%	50 619	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - ^(*) Inspections in the period 2003/2005

Graph 170 - Total number of medium inspected ships, by P&I - 2003/2005



Graph 171 - Gross tonnage (in 1000 t) of medium inspected ships, by P&I - 2003/2005



LARGE SHIPS

Table 182 - Total number of large⁽¹⁾ inspected^(*) ships, by type and P&I – 2005

Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	175	3,4%	2	0,6%	177	3,3%	3	1,8%			3	1,2%
Specialized Cargo Ships	15	0,3%	1	0,3%	16	0,3%	1	0,6%	1	1,2%	2	0,8%
Container Ships	950	18,6%	35	10,4%	985	18,1%	33	19,5%	1	1,2%	34	13,3%
Ro-Ro Cargo Ships	439	8,6%	12	3,6%	451	8,3%	3	1,8%	2	2,3%	5	2,0%
Bulk Carriers	2 089	40,9%	66	19,6%	2 155	39,6%	88	52,1%	30	34,9%	118	46,3%
Oil and Chemical Tankers	1 136	22,2%	127	37,8%	1 263	23,2%	34	20,1%	20	23,3%	54	21,2%
Gas Tankers	139	2,7%	12	3,6%	151	2,8%	1	0,6%			1	0,4%
Other Tankers	3	0,1%			3	0,1%						
Passenger Ships	160	3,1%	45	13,4%	205	3,8%	2	1,2%	3	3,5%	5	2,0%
Offshore Vessels	1	0,0%	21	6,3%	22	0,4%	3	1,8%	16	18,6%	19	7,5%
Service Ships	2	0,0%	15	4,5%	17	0,3%	1	0,6%	13	15,1%	14	5,5%
Tugs												
Leisure Vessels												
Total	5 109	100%	336	100%	5 445	100%	169	100%	86	100%	255	100%

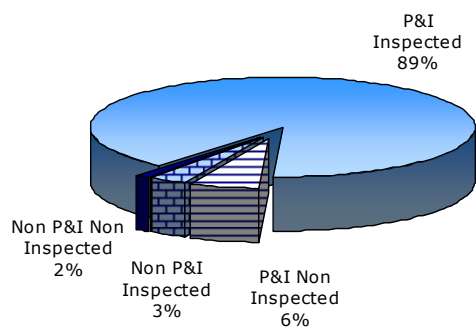
Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - ^(*) Inspections in the period 2003/2005

Table 183 - Gross tonnage (in 1000 t) of large⁽¹⁾ inspected^(*) ships, by type and P&I – 2005

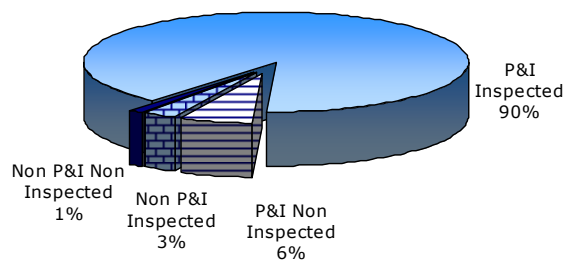
Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships	5 121	2,7%	53	0,4%	5 173	2,5%	96	1,6%			96	1,0%
Specialized Cargo Ships	474	0,2%	38	0,3%	512	0,2%	33	0,5%	38	1,2%	72	0,8%
Container Ships	37 084	19,3%	1 193	9,5%	38 276	18,7%	1 194	19,5%	34	1,1%	1 228	13,3%
Ro-Ro Cargo Ships	19 402	10,1%	470	3,7%	19 872	9,7%	129	2,1%	54	1,7%	182	2,0%
Bulk Carriers	72 695	37,8%	2 299	18,3%	74 995	36,6%	2 945	48,0%	934	30,4%	3 879	42,2%
Oil and Chemical Tankers	45 962	23,9%	4 875	38,7%	50 837	24,8%	1 475	24,0%	844	27,5%	2 319	25,2%
Gas Tankers	5 848	3,0%	512	4,1%	6 360	3,1%	47	0,8%			47	0,5%
Other Tankers	96	0,1%			96	0,0%						
Passenger Ships	5 721	3,0%	1 513	12,0%	7 233	3,5%	58	0,9%	118	3,8%	176	1,9%
Offshore Vessels	34	0,0%	1 021	8,1%	1 055	0,5%	119	1,9%	648	21,1%	766	8,3%
Service Ships	87	0,0%	620	4,9%	706	0,3%	36	0,6%	401	13,1%	438	4,8%
Tugs												
Leisure Vessels												
Total	192 523	100%	12 593	100%	205 116	100%	6 133	100%	3 071	100%	9 203	100%

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - ^(*) Inspections in the period 2003/2005

Graph 172 - Total number of large inspected ships, by P&I – 2003/2005



Graph 173 - Gross tonnage (in 1000 t) of large inspected ships, by P&I – 2003/2005



VERY LARGE SHIPS

Table 184 - Total number of very large⁽¹⁾ inspected^(*) ships, by type and P&I – 2005

Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	309	15,0%	5	2,0%	314	13,6%	14	16,5%	5	11,1%	19	14,6%
Ro-Ro Cargo Ships	30	1,5%	2	0,8%	32	1,4%						
Bulk Carriers	630	30,5%	10	4,0%	640	27,6%	8	9,4%	2	4,4%	10	7,7%
Oil and Chemical Tankers	801	38,8%	130	51,8%	931	40,2%	33	38,8%	16	35,6%	49	37,7%
Gas Tankers	153	7,4%	39	15,5%	192	8,3%	3	3,5%			3	2,3%
Other Tankers												
Passenger Ships	82	4,0%	1	0,4%	83	3,6%	3	3,5%			3	2,3%
Offshore Vessels	59	2,9%	57	22,7%	116	5,0%	24	28,2%	22	48,9%	46	35,4%
Service Ships			7	2,8%	7	0,3%						
Tugs												
Leisure Vessels												
Total	2 064	100%	251	100%	2 315	100%	85	100%	45	100%	130	100%

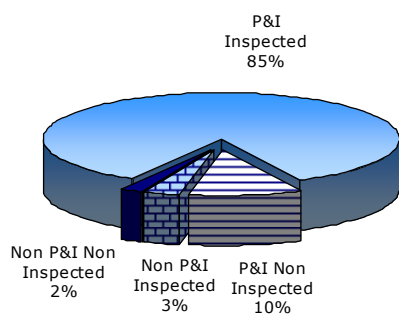
Source : Equasis processed by Emsa - ⁽¹⁾GT≥60.000 - ^(*)Inspections in the period 2003/2005

Table 185 - Gross tonnage (in 1000 t) of very large⁽¹⁾ inspected^(*) ships, by type and P&I – 2005

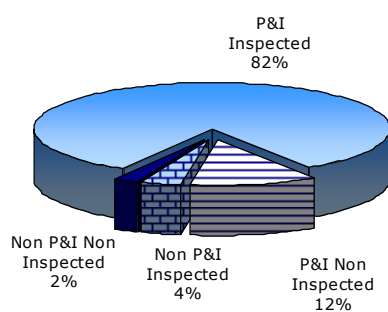
Ship Type	P&I						Non P&I					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	22 643	11,2%	472	1,6%	23 116	10,0%	1 112	12,4%	463	9,0%	1 575	11,2%
Ro-Ro Cargo Ships	1 922	0,9%	131	0,5%	2 053	0,9%						
Bulk Carriers	54 710	27,0%	953	3,3%	55 663	24,1%	644	7,2%	150	2,9%	794	5,6%
Oil and Chemical Tankers	94 820	46,8%	16 506	57,6%	111 326	48,2%	4 061	45,3%	2 120	41,3%	6 181	43,8%
Gas Tankers	15 071	7,4%	4 137	14,4%	19 208	8,3%	293	3,3%			293	2,1%
Other Tankers												
Passenger Ships	7 154	3,5%	80	0,3%	7 234	3,1%	257	2,9%			257	1,8%
Offshore Vessels	6 074	3,0%	5 861	20,5%	11 935	5,2%	2 595	29,0%	2 404	46,8%	4 999	35,5%
Service Ships			496	1,7%	496	0,2%						
Tugs												
Leisure Vessels												
Total	202 394	100%	28 636	100%	231 030	100%	8 961	100%	5 138	100%	14 099	100%

Source : Equasis processed by Emsa - ⁽¹⁾GT≥60.000 - ^(*)Inspections in the period 2003/2005

Graph 174 - Total number of very large inspected ships, by P&I – 2003/2005



Graph 175 - Gross tonnage (in 1000 t) of very large inspected ships, by P&I – 2003/2005



Chapter 6

6. Vetting program and trade associations

INTRODUCTION

Several professional maritime trade associations and vetting programs supply information to EQUASIS on ships covered by their schemes. Such schemes are either ship-based (e.g. OCIMF) or company-based (e.g. Intertanko) and relate to certain ships types. They aim to provide a mark of quality for ships covered by them.

For each relevant ship type and size category the following tables show the proportion of the fleet covered by each of the schemes which provide information to EQUASIS.

The ships types covered by each body are as follows:

- | | |
|-----------------|--|
| 1. Intertanko | Oil & chemical tankers
Gas carriers |
| 2. Intercargo | Bulk carriers
General cargo ships |
| 3. Green Awards | Oil & chemical tankers |
| 4. CDI | Oil & chemical tankers
Gas carriers |
| 5. OCIMF | Oil & chemical tankers
Gas carriers |

The tables in chapter 6.2 show the detention rates of ships covered by each of the schemes compared with ships of the same type which are outside the relevant scheme. The detention rate is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MoU and USCG regions in 2005.

RESULTS

Table 186 indicates that a majority of relevant ships are not covered by the vetting schemes and trade associations providing data to EQUASIS. However of the large and very large oil, chemical and gas tankers around one half are covered by Intertanko while nearly 90% (2213 out of 2502) are covered by OCIMF.

Tables 189 to 191 suggest that medium, large and very large ships covered by one of the vetting schemes and trade associations are inspected more frequently than those ships not covered, with – for example, large ships covered by Intertanko were each inspected on average 2.25 times (225,3%) compared with 1.53 times (153.5%) for the relevant types not covered by Intertanko.

6.1. SCHEME STATUS

Table 186 - Total number of ships, by size and vetting program and trade associations – 2005

Scheme	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	1	2 062	774	4 926	726	785	444	576	1 945	8 349
% of Total		24,7%	39,8%	59,0%	37,3%	9,4%	22,8%	6,9%		
Intercargo	0	5 325	175	13 603	428	2 027	106	532	709	21 487
% of Total		24,8%	24,7%	63,3%	60,4%	9,4%	15,0%	2,5%		
Green Award	0	2 013	12	4 954	72	1 245	102	732	186	8 944
% of Total		22,5%	6,5%	55,4%	38,7%	13,9%	54,8%	8,2%		
CDI	0	2 062	1 088	4 604	128	1 345	0	990	1 216	9 001
% of Total		22,9%	89,5%	51,1%	10,5%	14,9%		11,0%		
OCIMF	100	1 969	2 227	3 525	1 328	172	885	117	4 540	5 783
% of Total	2,2%	34,0%	49,1%	61,0%	29,3%	3,0%	19,5%	2,0%		

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 187 - Gross tonnage (in 1000 t) of ships, by size and vetting program and trade associations – 2005

Scheme	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	0	668	9 639	21 072	30 340	31 092	50 643	66 116	90 622	118 949
% of Total		0,6%	10,6%	17,7%	33,5%	26,1%	55,9%	55,6%		
Intercargo	0	1 717	3 209	83 473	14 593	69 629	9 049	46 304	26 851	201 122
% of Total		0,9%	11,9%	41,5%	54,3%	34,6%	33,7%	23,0%		
Green Award	0	650	280	26 950	3 573	49 582	11 428	87 452	15 281	164 635
% of Total		0,4%	1,8%	16,4%	23,4%	30,1%	74,8%	53,1%		
CDI	0	668	9 202	21 445	4 350	55 337	0	114 245	13 551	191 695
% of Total		0,3%	67,9%	11,2%	32,1%	28,9%		59,6%		
OCIMF	37	634	18 804	12 193	54 374	6 522	102 572	12 450	175 786	31 799
% of Total	0,0%	2,0%	10,7%	38,3%	30,9%	20,5%	58,4%	39,2%		

Source : Equasis processed by Emsa / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

6.2. SAFETY PERFORMANCE

Table 188 - Safety performance of ships, by inspections and detentions rates^(*) – 2005

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1,7%	3,1%	2,5%	62	155	217	3 670	4 958	8 628
in % of total				28,6%	71,4%		42,5%	57,5%	
Intercargo	2,7%	5,8%	5,6%	52	1 494	1 546	1 928	25 609	27 537
in % of total				3,4%	96,6%		7,0%	93,0%	
Green Award	0,0%	2,8%	2,6%	0	192	192	320	6 960	7 280
in % of total					100%		4,4%	95,6%	
CDI	1,7%	2,9%	2,5%	44	170	214	2 536	5 934	8 470
in % of total				20,6%	79,4%		29,9%	70,1%	
OCIMF	1,2%	9,3%	2,5%	91	125	216	7 301	1 343	8 644
in % of total				42,1%	57,9%		84,5%	15,5%	

Source : Equasis processed by Emsa - ^(*)Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Table 189 - Safety performance of medium⁽¹⁾ ships, by inspections and detentions rates^(*) – 2005

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	2,7%	4,7%	4,0%	38	140	178	1 401	3 004	4 405
in % of total				21,3%	78,7%		31,8%	68,2%	
Intercargo	3,1%	6,2%	6,1%	17	1 220	1 237	551	19 567	20 118
in % of total				1,4%	98,6%		2,7%	97,3%	
Green Award	0,0%	4,3%	4,2%	0	156	156	25	3 658	3 683
in % of total				0,0%	100%		0,7%	99,3%	
CDI	1,9%	6,2%	4,1%	42	136	178	2 209	2 186	4 395
in % of total				23,6%	76,4%		50,3%	49,7%	
OCIMF	1,8%	10,3%	4,0%	60	119	179	3 308	1 150	4 458
in % of total				33,5%	66,5%		74,2%	25,8%	

Source : Equasis processed by Emsa - ⁽¹⁾ 500≤GT<25.000 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Table 190 - Safety performance of large⁽¹⁾ ships, by inspections and detentions rates^(*) – 2005

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1,2%	0,9%	1,1%	20	12	32	1 636	1 282	2 918
in % of total				62,5%	37,5%		56,1%	43,9%	
Intercargo	2,4%	3,8%	3,6%	27	185	212	1 146	4 806	5 952
in % of total				12,7%	87,3%		19,3%	80,7%	
Green Award	0,0%	1,3%	1,2%	0	31	31	158	2 423	2 581
in % of total				0,0%	100%		6,1%	93,9%	
CDI	0,6%	1,2%	1,1%	2	29	31	327	2 491	2 818
in % of total				6,5%	93,5%		11,6%	88,4%	
OCIMF	1,0%	3,7%	1,1%	28	4	32	2 787	109	2 896
in % of total				87,5%	12,5%		96,2%	3,8%	

Source : Equasis processed by Emsa - ⁽¹⁾ 25.000≤GT<60.000 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Table 191 - Safety performance of very large⁽¹⁾ ships, by inspections and detentions rates^(*) – 2005

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0,6%	0,2%	0,4%	4	1	5	633	638	1 271
in % of total				80,0%	20,0%		49,8%	50,2%	
Intercargo	20,3%	0,8%	4,5%	47	8	55	231	979	1 210
in % of total				85,5%	14,5%		19,1%	80,9%	
Green Award	0,0%	0,4%	0,3%	0	3	3	137	847	984
in % of total				0,0%	100,0%		13,9%	86,1%	
CDI		0,2%	0,2%	0	3	3	0	1 223	1 223
in % of total				0,0%	100,0%		0,0%	100%	
OCIMF	0,2%	0,0%	0,2%	3	0	3	1 202	53	1 255
in % of total				100%	0,0%		95,8%	4,2%	

Source : Equasis processed by Emsa - ⁽¹⁾ GT≥60.000 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

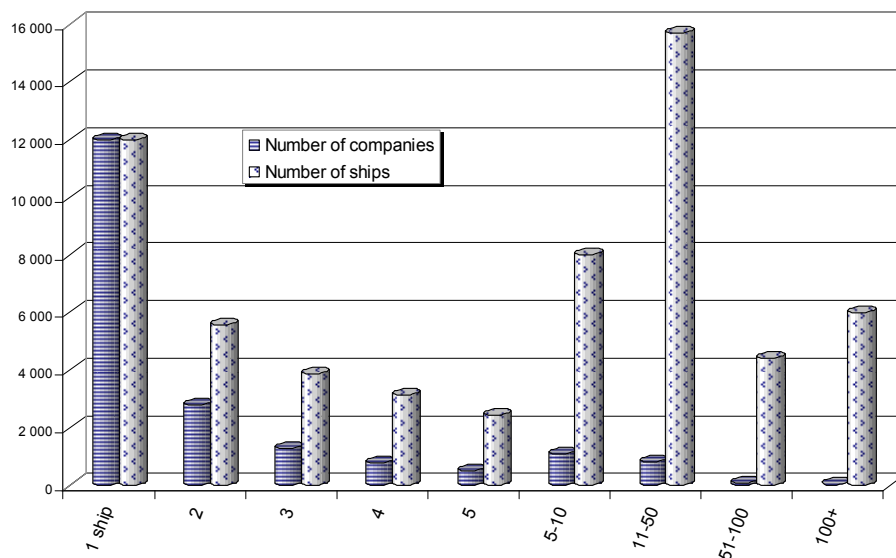
6.3. COMPANY PERFORMANCE

Table 192 - Total number of companies and ships, by fleet size and flag – 2005

Company fleet size (by number of ships)	Number of companies		Number of ships ⁽¹⁾		Number of ships under black flag		Total share of black flag ⁽²⁾
1 ship	11 971	62,0%	11 971	19,6%	3 891	22,8%	32,5%
2	2 783	14,4%	5 566	9,1%	1 746	10,2%	31,4%
3	1 286	6,7%	3 858	6,3%	1 125	6,6%	29,2%
4	784	4,1%	3 136	5,1%	886	5,2%	28,3%
5	488	2,5%	2 440	4,0%	816	4,8%	33,4%
5-10	1 077	5,6%	7 988	13,1%	2 348	13,8%	29,4%
11-50	822	4,3%	15 691	25,7%	3 825	22,4%	24,4%
51-100	65	0,3%	4 402	7,2%	753	4,4%	17,1%
100+	17	0,1%	5 987	9,8%	1 651	9,7%	27,6%
Total	19 293	100%	61 039	100%	17 041	100%	27,9%

Source : Equasis processed by Emsa - ⁽¹⁾As percentage of total - ⁽²⁾Within the same company fleet size category

Graph 176 - Total number of companies and ships, by fleet size – 2005



Graph 177 - Total number of companies and ships, by fleet size and flag – 2005

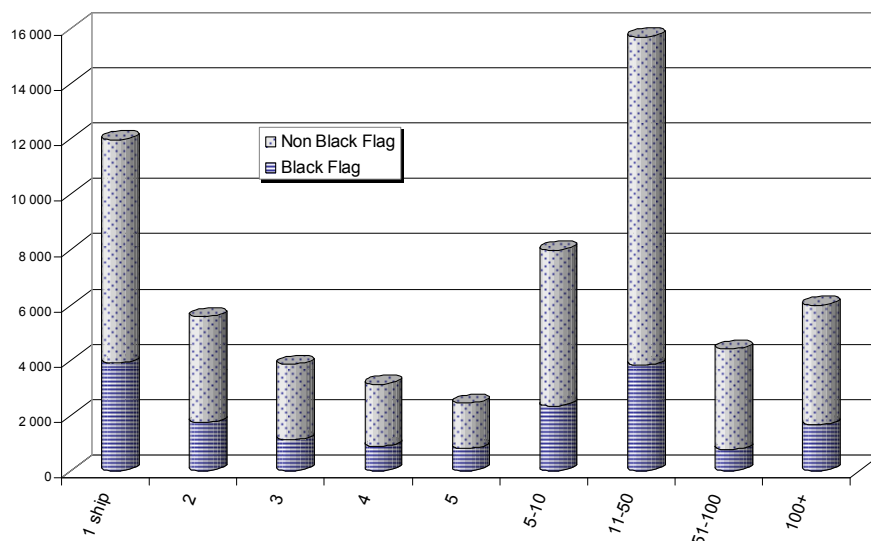
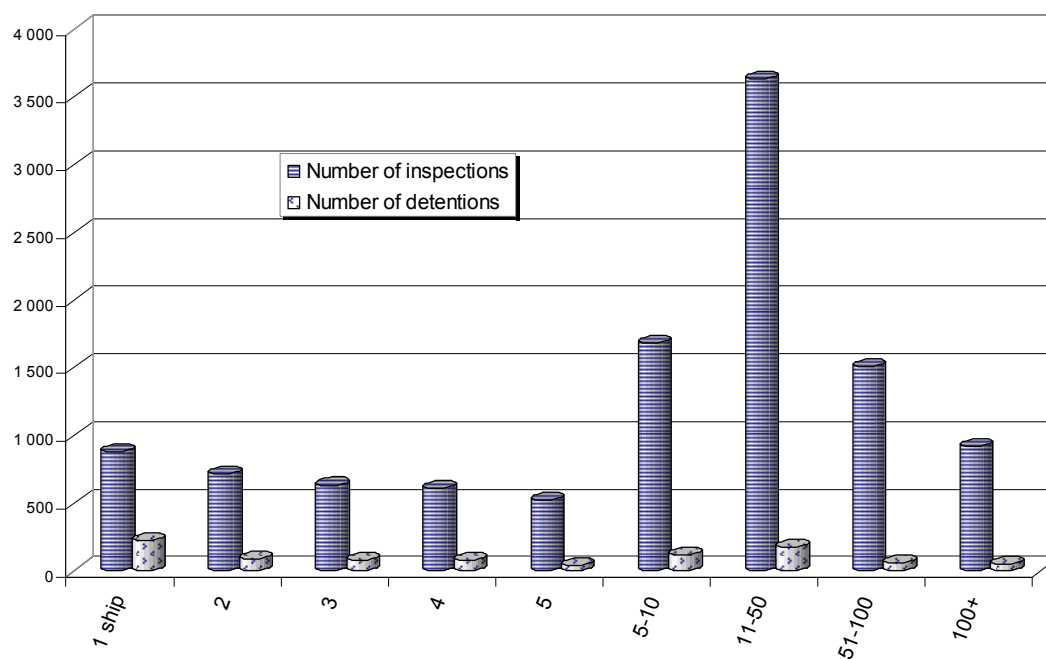


Table 193 - Total number of inspections and detention rates^(*), by company fleet size – 2005

Company fleet size (by number of ships)	Number of inspections		Number of detentions		% of ships detained ⁽¹⁾
	Number	Rate	Number	Rate	
1 ship	3 985	8,7%	407	20,5%	10,21%
2	1 262	2,8%	180	9,1%	14,26%
3	2 673	5,8%	190	9,6%	7,11%
4	2 410	5,3%	147	7,4%	6,10%
5	2 057	4,5%	84	4,2%	4,08%
5-10	6 883	15,1%	284	14,3%	4,13%
11-50	15 922	34,8%	441	22,2%	2,77%
51-100	5 846	12,8%	136	6,9%	2,33%
100+	4 665	10,2%	115	5,8%	2,47%
Total	45 703	100%	1 984	100%	4,34%

Source : Equasis processed by Emsa - ⁽¹⁾Within the same company fleet size category - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

Graph 178 - Total number of inspections and detention, by fleet size – 2005

Annex I

Ship type aggregations

General Cargo Ships

Refrigerated Cargo Ship
Passenger/General Cargo Ship
Deck Cargo Ship
Palletized Cargo Ship
General Cargo Ship

Specialized Cargo Ships

Stone Carrier
Log-Tipping Ship
Nuclear Fuel Carrier
Heavy Load Carrier
Barge Carrier
Livestock Carrier

Container Ships

Container Ship
Passenger/Container Ship

Ro-Ro Cargo Ships

Ro-Ro Cargo Ship
Vehicles Carrier
Container Ro-Ro Cargo Ship

Bulk Carriers

Ore/Oil Carrier
Bulk Carrier
Powder Carrier
Bulk/Oil Carrier
Aggregates Carrier
Self-Discharging Bulk Carrier
Cement Carrier
Wood Chips Carrier
Refined Sugar Carrier
Alumina Carrier
Limestone Carrier
Ore Carrier

Oil and Chemical Tankers

Chemical Tanker
Chemical/Oil Products Tanker
Crude Oil Tanker
Oil Products Tanker

Gas Tankers

LPG Tanker
LNG Tanker

Other Tankers

Wine Tanker
Vegetable Oil Tanker
Water Tanker
Fruit Juice Tanker
Molasses Tanker
Oil-Sludge Tanker
Edible Oil Tanker
Bitumen Tanker

Passenger Ships

Passenger/Ro-Ro Cargo Ship
Passenger (Cruise) Ship
Passenger Ship

Offshore Vessels

Pipe-Layer
Offshore Supply Ship
Offshore Tug/Supply Ship
Drilling Ship
Supply Vessel
Offshore Processing Ship
Well-Stimulation Vessel
Standby-Safety Vessel
Production Testing Vessel
Offshore Support Vessel

Service Ships

Search & Rescue Vessel
Salvage Ship
Buoy/Lighthouse Vessel
Work/Repair Vessel
Hospital Vessel
Other Non-Merchant Ships
Sail Training Ship
Utility Vessel
Research Vessel
Naval/Naval Auxiliary
Training Ship
Pollution Control Vessel
Fire-Fighting Vessel
Waste Disposal Vessel
Cable-Layer
Icebreaker
Crane Ship
Dredger
Hopper Dredger

Tugs

Pusher Tug
Tug

Leisure Vessels

Yacht

Annex II

Black flags list 2004

Black flags of the Paris MoU, Tokyo MoU and USCG published in their respective 2004 reports.

A

Albania
Algeria

B

Bangladesh
Belize
Bolivia
Brazil

C

Cambodia
Comoros

E

Egypt

G

Georgia

H

Honduras

I

Indonesia

K

Korea Democratic Republic

L

Lebanon

M

Mexico
Mongolia

P

Panama
Papua New Guinea

R

Romania

S

Slovakia
St Vincent and Grenadines
Syrian Arab Republic

T

Taiwan
Thailand
Tonga
Turkey
Tuvalu

U

Ukraine

V

Venezuela
Vietnam