

**The world merchant fleet
in 2007**

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
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 ship particulars are derived from the commercial database of Lloyds Register-Fairplay (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 four categories:

1. Small ships <500 GT
2. Medium ships 500 GT to 24.999 GT
3. Large ships 25.000 GT to 59.999 GT
4. Very Large ships ≥60.000 GT

The small ships category reflects the main tonnage threshold for cargo ships to comply with the SOLAS convention. This category

also includes many ships which do not trade internationally and therefore are not covered by the conventions or the Port State regimes. A significant proportion is also too small to be covered by classification societies and the vetting and trading organisations. They have therefore been excluded from most of the analysis in order to avoid distortion of the totals for ships which are generally covered by the conventions, the Port State Control regimes and the other organisations. Small ships are included in Chapter 1 and Chapter 2.1 to 2.3, to cover the whole fleet population, and in the multiple inspection figures in Chapter 5.1.

Regulatory and commercial tonnage thresholds are not common to all ship types. As a compromise, categories 2, 3 and 4 have been chosen so as to divide the fleet into three approximately equal parts in terms of tonnage. These three together represent 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 12 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

The ship types used are those which are used and provided by Lloyd's Register-Fairplay. These descriptions are not necessarily those used by PSC organisations during inspections.

Consequently, the ship types used in this book can be deemed as being a "technical" description.

A table showing this aggregation is at Annex I.

1.4. FLAG

Flags (under which ships are registered) are grouped in two categories, "targeted" and "non-targeted". Those in the "targeted" group are the flags which appear on at least one of the targeted flag lists used in 2007 by the three port state control regimes which feed their inspection results to Equasis (Paris MoU, Tokyo MoU and USCG [safety targeting]). Indian Ocean MoU (IO MoU) is also providing its inspection results to Equasis but without using a targeted flag list.

The lists are published annually and reflect the safety performance of ships under each flag as measured by the number of port state inspections and detentions recorded over a three-year period.

It is possible for a flag to be "targeted" in one regime but not in another. This can be because its safety performance varies from one to another or because few, or none of its ships trade to ports covered by the regime.

Further details are included in the list of the respective regimes' Port State Control Annual Reports for 2004, 2005 and 2006. A list of the flags is at Annex II.

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.

RESULTS

Graph 1 shows that by number, the Equasis fleet is dominated (86%) by small and medium sized ships up to 24.999 GT. Small ships alone represent 36% by number, although only 1% by tonnage. 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.

General cargo ships are the most common type by number, at 25.7% of the Equasis fleet. However, most of these are small and medium-sized. In the large and very large fleets, oil and chemical tankers and bulk carriers represent well over half of the fleet by number.

In terms of tonnage the large and very large categories represent 72% of the Equasis fleet (Graph 2), with oil and chemical tankers and bulk carriers dominating both categories at 61.6% and 67.9% respectively.

Table 3 shows that over half (61.4%) of the Equasis fleet, by number, is 15 years or older but this is due largely to the dominance of older ships in the small and medium ship fleets. The trend is reversed for large and very large ships where 68.7% and 79%, respectively, are less than 15 years old. The large and very large ships

dominate the most modern fleet with 85%, by tonnage, of the fleet below 4 years of age (Graph 4). At the other end of the age scale, large and very large ships account for just 3% by number and 40% by tonnage of the Equasis fleet over 25 years old (Graphs 9&10).

Graph 11 shows that the Equasis fleet over 500 GT is equally divided, by number, between targeted and non-targeted flags (49% & 51%). But Graphs 13 to 18 show that the proportion of ships under a targeted flag decreases with size – 51% for medium, 44% for large and 39% for very large ships. By tonnage the overall split is 44% targeted compared with 56% from non-targeted flags. Table 13 shows that general cargo ships have a greater share of the fleet under targeted flags (36.3%) than their share of the non-targeted flag fleet (21.6%). Conversely, passenger ships represent 4.2% of the targeted flag fleet but 8.4% of the non-targeted flag fleet.

2.1. WHOLE FLEET

Table 1 - World fleet : total number of ships, by type and size – 2007

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 113	20,0%	13 153	36,5%	200	2,7%			18 466	25,7%
Specialized Cargo Ships	29	0,1%	183	0,5%	36	0,5%	1	0,0%	249	0,3%
Container Ships	1	0,0%	2 320	6,4%	1 445	19,3%	543	18,6%	4 309	6,0%
Ro-Ro Cargo Ships	35	0,1%	975	2,7%	559	7,5%	63	2,2%	1 632	2,3%
Bulk Carriers	430	1,7%	3 399	9,4%	2 867	38,4%	792	27,2%	7 488	10,4%
Oil and Chemical Tankers	2 072	8,1%	6 101	16,9%	1 847	24,7%	1 072	36,8%	11 092	15,4%
Gas Tankers	50	0,2%	913	2,5%	174	2,3%	223	7,7%	1 360	1,9%
Other Tankers	158	0,6%	222	0,6%	5	0,1%			385	0,5%
Passenger Ships	3 371	13,2%	2 609	7,2%	252	3,4%	103	3,5%	6 335	8,8%
Offshore Vessels	1 262	4,9%	3 063	8,5%	49	0,7%	110	3,8%	4 484	6,2%
Service Ships	1 879	7,4%	2 250	6,2%	38	0,5%	7	0,2%	4 174	5,8%
Tugs	11 115	43,6%	840	2,3%					11 955	16,6%
Total	25 515	100%	36 028	100%	7 472	100%	2 914	100%	71 929	100%

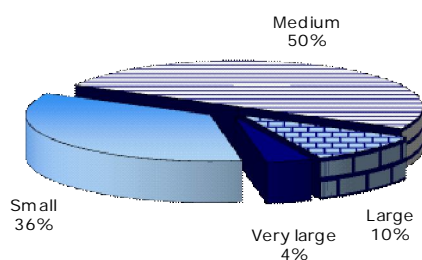
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 2 - World fleet : gross tonnage (in 1000 t), by type and size - 2007

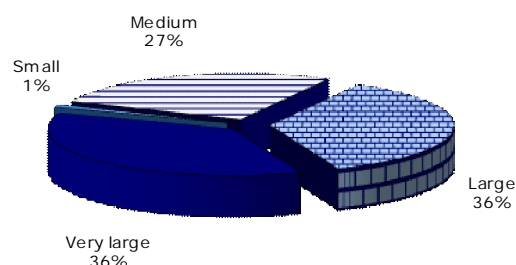
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 676	24,5%	54 313	26,3%	5 896	2,1%			61 885	7,9%
Specialized Cargo Ships	11	0,2%	1 184	0,6%	1 266	0,5%	78	0,0%	2 539	0,3%
Container Ships	0	0,0%	27 227	13,2%	55 682	19,8%	43 241	15,2%	126 151	16,2%
Ro-Ro Cargo Ships	13	0,2%	9 156	4,4%	24 761	8,8%	4 024	1,4%	37 954	4,9%
Bulk Carriers	165	2,4%	47 950	23,2%	100 367	35,7%	69 488	24,4%	217 970	28,0%
Oil and Chemical Tankers	669	9,8%	35 639	17,2%	72 848	25,9%	123 601	43,5%	232 757	29,9%
Gas Tankers	19	0,3%	4 475	2,2%	7 363	2,6%	22 375	7,9%	34 232	4,4%
Other Tankers	44	0,6%	604	0,3%	158	0,1%			806	0,1%
Passenger Ships	845	12,4%	12 164	5,9%	8 922	3,2%	9 290	3,3%	31 221	4,0%
Offshore Vessels	363	5,3%	5 817	2,8%	2 157	0,8%	11 872	4,2%	20 210	2,6%
Service Ships	500	7,3%	7 315	3,5%	1 499	0,5%	496	0,2%	9 809	1,3%
Tugs	2 536	37,1%	840	0,4%					3 377	0,4%
Total	6 841	100%	206 685	100%	280 920	100%	284 464	100%	778 911	100%

Source: Equasis ⁽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 – 2007



Graph 2 - World fleet : gross tonnage, by size - 2007



2.2. SHIPS BY AGE

WORLD FLEET

Table 3 - Total number of ships, by age and size - 2007

Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
0-4 years old	2 636	10,3%	4 957	13,8%	2 466	33,0%	1 162	39,9%	11 221	15,6%
5-14 years old	5 341	20,9%	7 358	20,4%	2 665	35,7%	1 139	39,1%	16 503	22,9%
15-24 years old	5 155	20,2%	8 681	24,1%	1 595	21,3%	419	14,4%	15 850	22,0%
+25 years old	12 383	48,5%	15 032	41,7%	746	10,0%	194	6,7%	28 355	39,4%
Total	25 515	100%	36 028	100%	7 472	100%	2 914	100%	71 929	100%

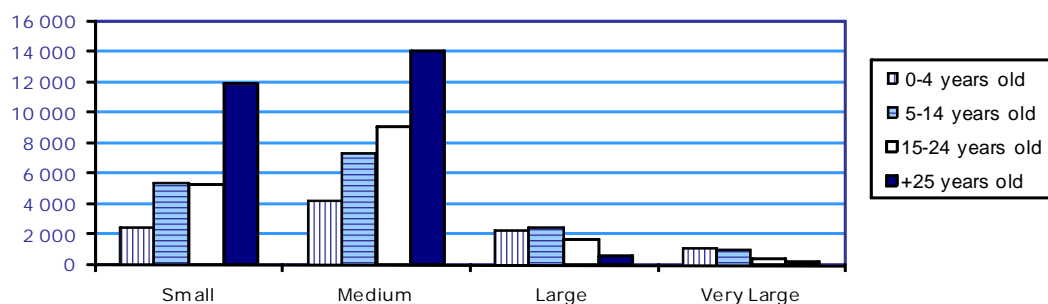
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 4 - Gross tonnage (in 1000 t) of ships, by age and size - 2007

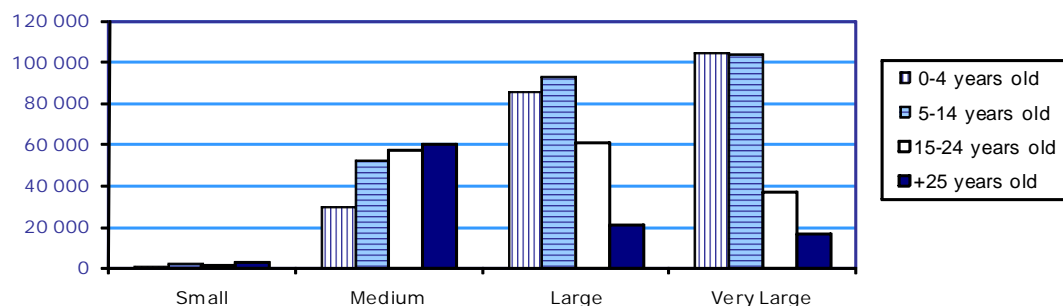
Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
0-4 years old	755	11,0%	34 324	16,6%	93 856	33,4%	111 130	39,1%	240 065	30,8%
5-14 years old	1 466	21,4%	52 691	25,5%	99 311	35,4%	112 162	39,4%	265 630	34,1%
15-24 years old	1 434	21,0%	53 722	26,0%	61 131	21,8%	42 233	14,8%	158 520	20,4%
+25 years old	3 186	46,6%	65 948	31,9%	26 623	9,5%	18 940	6,7%	114 697	14,7%
Total	6 841	100%	206 685	100%	280 920	100%	284 464	100%	778 911	100%

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

Graph 1a – world fleet: total number of ships by age and size



Graph 2a – world fleet: gross tonnage (in 1000 t) by age and size



0-4 YEARS OLD SHIPS

Table 5 - Total number of 0-4 years old ships, by type and size - 2007

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	254	9,6%	1 400	28,2%	21	0,9%			1 675	14,9%
Specialized Cargo Ships			13	0,3%					13	0,1%
Container Ships			579	11,7%	523	21,2%	318	27,4%	1 420	12,7%
Ro-Ro Cargo Ships	4	0,2%	68	1,4%	133	5,4%	44	3,8%	249	2,2%
Bulk Carriers	3	0,1%	334	6,7%	815	33,0%	231	19,9%	1 383	12,3%
Oil and Chemical Tankers	79	3,0%	1 173	23,7%	863	35,0%	399	34,3%	2 514	22,4%
Gas Tankers	1	0,0%	122	2,5%	53	2,1%	112	9,6%	288	2,6%
Other Tankers	3	0,1%	18	0,4%	2	0,1%			23	0,2%
Passenger Ships	230	8,7%	227	4,6%	43	1,7%	38	3,3%	538	4,8%
Offshore Vessels	95	3,6%	740	14,9%	7	0,3%	19	1,6%	861	7,7%
Service Ships	101	3,8%	164	3,3%	6	0,2%	1	0,1%	272	2,4%
Tugs	1 866	70,8%	119	2,4%					1 985	17,7%
Total	2 636	100%	4 957	100%	2 466	100%	1 162	100%	11 221	100%

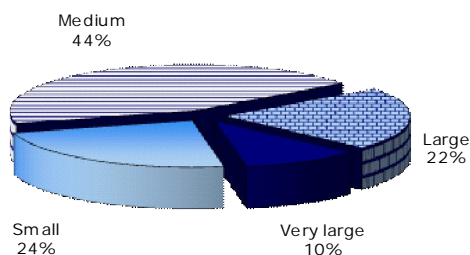
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 6 - Gross tonnage (in 1000 t) of 0-4 years old ships, by type and size - 2007

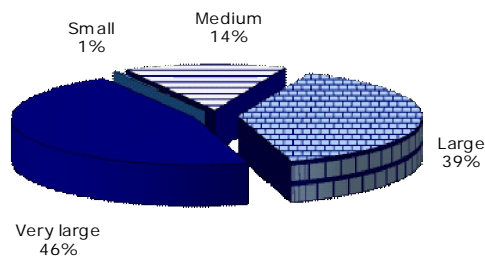
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	114	15,1%	6 760	19,7%	678	0,7%			7 552	3,1%
Specialized Cargo Ships			145	0,4%					145	0,1%
Container Ships			6 774	19,7%	20 193	21,5%	27 233	24,5%	54 200	22,6%
Ro-Ro Cargo Ships	2	0,2%	941	2,7%	6 587	7,0%	2 738	2,5%	10 267	4,3%
Bulk Carriers	1	0,1%	5 063	14,7%	29 692	31,6%	21 393	19,3%	56 148	23,4%
Oil and Chemical Tankers	31	4,1%	9 994	29,1%	32 327	34,4%	41 923	37,7%	84 274	35,1%
Gas Tankers			836	2,4%	2 215	2,4%	11 482	10,3%	14 534	6,1%
Other Tankers	1	0,1%	76	0,2%	66	0,1%			143	0,1%
Passenger Ships	63	8,4%	1 017	3,0%	1 574	1,7%	3 832	3,4%	6 487	2,7%
Offshore Vessels	40	5,2%	1 765	5,1%	278	0,3%	2 460	2,2%	4 543	1,9%
Service Ships	26	3,4%	799	2,3%	246	0,3%	69	0,1%	1 140	0,5%
Tugs	477	63,2%	153	0,4%					631	0,3%
Total	755	100%	34 324	100%	93 856	100%	111 130	100%	240 064	100%

Source: Equasis ⁽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 - 2007



Graph 4 - World fleet : gross tonnage of 0-4 years old ships by size - 2007



5-14 YEARS OLD SHIPS

Table 7 - Total number of 5-14 years old ships, by type and size - 2007

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	982	18,4%	2 156	29,3%	82	3,1%			3 220	19,5%
Specialized Cargo Ships	1	0,0%	25	0,3%	3	0,1%			29	0,2%
Container Ships	1	0,0%	1 058	14,4%	531	19,9%	220	19,3%	1 810	11,0%
Ro-Ro Cargo Ships	10	0,2%	228	3,1%	148	5,6%	16	1,4%	402	2,4%
Bulk Carriers	85	1,6%	661	9,0%	1 212	45,5%	311	27,3%	2 269	13,7%
Oil and Chemical Tankers	424	7,9%	1 333	18,1%	511	19,2%	447	39,2%	2 715	16,5%
Gas Tankers	6	0,1%	280	3,8%	38	1,4%	60	5,3%	384	2,3%
Other Tankers	18	0,3%	34	0,5%	2	0,1%			54	0,3%
Passenger Ships	819	15,3%	617	8,4%	107	4,0%	56	4,9%	1 599	9,7%
Offshore Vessels	130	2,4%	475	6,5%	22	0,8%	23	2,0%	650	3,9%
Service Ships	277	5,2%	374	5,1%	9	0,3%	6	0,5%	666	4,0%
Tugs	2 588	48,5%	117	1,6%					2 705	16,4%
Total	5 341	100%	7 358	100%	2 665	100%	1 139	100%	16 503	100%

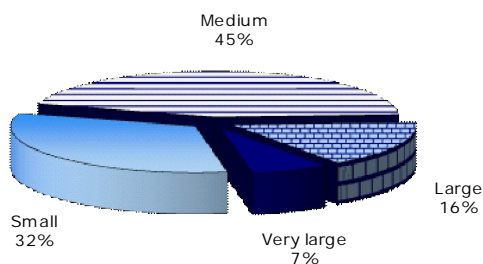
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 8 - Gross tonnage (in 1000 t) of 5-14 years old ships, by type and size - 2007

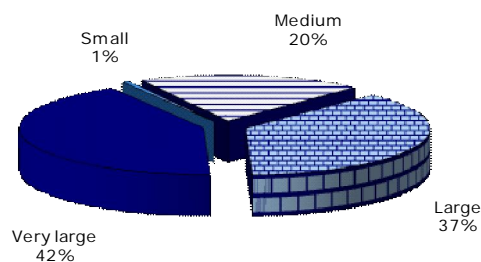
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	357	24,3%	10 839	20,6%	2 507	2,5%			13 702	5,2%
Specialized Cargo Ships			188	0,4%	120	0,1%			308	0,1%
Container Ships			12 662	24,0%	20 267	20,4%	15 699	14,0%	48 627	18,3%
Ro-Ro Cargo Ships	4	0,3%	2 508	4,8%	7 008	7,1%	1 086	1,0%	10 606	4,0%
Bulk Carriers	36	2,5%	9 161	17,4%	41 403	41,7%	26 139	23,3%	76 740	28,9%
Oil and Chemical Tankers	135	9,2%	9 499	18,0%	21 088	21,2%	55 914	49,9%	86 635	32,6%
Gas Tankers	2	0,1%	1 595	3,0%	1 676	1,7%	6 189	5,5%	9 461	3,6%
Other Tankers	5	0,3%	122	0,2%	62	0,1%			189	0,1%
Passenger Ships	212	14,5%	3 102	5,9%	3 817	3,8%	4 821	4,3%	11 952	4,5%
Offshore Vessels	45	3,1%	1 216	2,3%	1 015	1,0%	1 887	1,7%	4 163	1,6%
Service Ships	68	4,6%	1 676	3,2%	349	0,4%	426	0,4%	2 519	0,9%
Tugs	601	41,0%	124	0,2%					726	0,3%
Total	1 465	100%	52 691	100%	99 311	100%	112 162	100%	265 629	100%

Source: Equasis ⁽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 – 2007



Graph 6 - Gross tonnage of 5-14 years old ships by size – 2007



15-24 YEARS OLD SHIPS

Table 9 - Total number of 15-24 years old ships, by type and size - 2007

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 181	22,9%	3 442	39,6%	56	3,5%			4 679	29,5%
Specialized Cargo Ships	2	0,0%	40	0,5%	16	1,0%	1	0,2%	59	0,4%
Container Ships			396	4,6%	289	18,1%	5	1,2%	690	4,4%
Ro-Ro Cargo Ships	5	0,1%	250	2,9%	167	10,5%	3	0,7%	425	2,7%
Bulk Carriers	199	3,9%	1 009	11,6%	547	34,3%	192	45,8%	1 947	12,3%
Oil and Chemical Tankers	602	11,7%	1 414	16,3%	393	24,6%	185	44,2%	2 594	16,4%
Gas Tankers	12	0,2%	252	2,9%	36	2,3%	15	3,6%	315	2,0%
Other Tankers	35	0,7%	64	0,7%					99	0,6%
Passenger Ships	863	16,7%	578	6,7%	70	4,4%	8	1,9%	1 519	9,6%
Offshore Vessels	162	3,1%	581	6,7%	10	0,6%	10	2,4%	763	4,8%
Service Ships	535	10,4%	528	6,1%	11	0,7%			1 074	6,8%
Tugs	1 559	30,2%	127	1,5%					1 686	10,6%
Total	5 155	100%	8 681	100%	1 595	100%	419	100%	15 850	100%

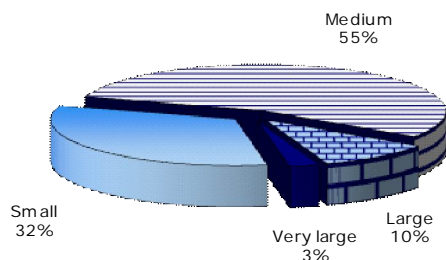
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 10 - Gross tonnage (in 1000 t) of 15-24 years old ships, by type and size - 2007

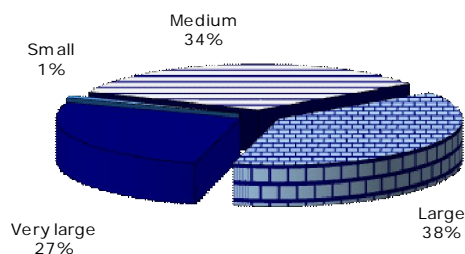
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	364	25,4%	15 225	28,3%	1 585	2,6%			17 174	10,8%
Specialized Cargo Ships	1	0,0%	336	0,6%	563	0,9%	78	0,2%	977	0,6%
Container Ships			4 975	9,3%	11 723	19,2%	310	0,7%	17 008	10,7%
Ro-Ro Cargo Ships	2	0,1%	2 146	4,0%	7 004	11,5%	200	0,5%	9 352	5,9%
Bulk Carriers	82	5,7%	15 708	29,2%	18 809	30,8%	17 408	41,2%	52 008	32,8%
Oil and Chemical Tankers	188	13,1%	8 382	15,6%	16 450	26,9%	21 186	50,2%	46 206	29,1%
Gas Tankers	5	0,3%	1 245	2,3%	1 573	2,6%	1 541	3,6%	4 365	2,8%
Other Tankers	9	0,7%	177	0,3%					186	0,1%
Passenger Ships	217	15,1%	2 616	4,9%	2 534	4,1%	566	1,3%	5 932	3,7%
Offshore Vessels	46	3,2%	1 064	2,0%	460	0,8%	944	2,2%	2 514	1,6%
Service Ships	164	11,4%	1 715	3,2%	429	0,7%			2 308	1,5%
Tugs	357	24,9%	132	0,2%					490	0,3%
Total	1 434	100%	53 722	100%	61 131	100%	42 233	100%	158 520	100%

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

Graph 7 - Total number of 15-14 years old ships by size - 2007



Graph 8 - Gross tonnage of 15-24 years old ships by size - 2007



+25 YEARS OLD SHIPS**Table 11 - Total number of +25 years old ships, by type and size – 2007**

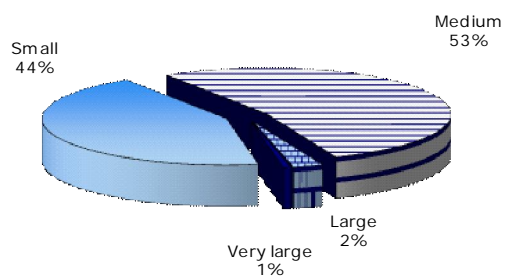
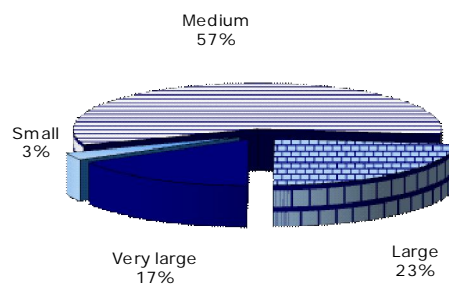
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 696	21,8%	6 155	40,9%	41	5,5%			8 892	31,4%
Specialized Cargo Ships	26	0,2%	105	0,7%	17	2,3%			148	0,5%
Container Ships			287	1,9%	102	13,7%			389	1,4%
Ro-Ro Cargo Ships	16	0,1%	429	2,9%	111	14,9%			556	2,0%
Bulk Carriers	143	1,2%	1 395	9,3%	293	39,3%	58	29,9%	1 889	6,7%
Oil and Chemical Tankers	967	7,8%	2 181	14,5%	80	10,7%	41	21,1%	3 269	11,5%
Gas Tankers	31	0,3%	259	1,7%	47	6,3%	36	18,6%	373	1,3%
Other Tankers	102	0,8%	106	0,7%	1	0,1%			209	0,7%
Passenger Ships	1 459	11,8%	1 187	7,9%	32	4,3%	1	0,5%	2 679	9,4%
Offshore Vessels	875	7,1%	1 267	8,4%	10	1,3%	58	29,9%	2 210	7,8%
Service Ships	966	7,8%	1 184	7,9%	12	1,6%			2 162	7,6%
Tugs	5 102	41,2%	477	3,2%					5 579	19,7%
Total	12 383	100%	15 032	100%	746	100%	194	100%	28 355	100%

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

Table 12 - Gross tonnage (in 1000 t) of +25 years old ships, by type and size – 2007

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	842	26,4%	21 489	32,6%	1 126	4,2%			23 457	20,5%
Specialized Cargo Ships	10	0,3%	514	0,8%	583	2,2%			1 108	1,0%
Container Ships			2 816	4,3%	3 500	13,1%			6 316	5,5%
Ro-Ro Cargo Ships	6	0,2%	3 562	5,4%	4 162	15,6%			7 730	6,7%
Bulk Carriers	46	1,4%	18 018	27,3%	10 463	39,3%	4 547	24,0%	33 074	28,8%
Oil and Chemical Tankers	315	9,9%	7 764	11,8%	2 983	11,2%	4 578	24,2%	15 640	13,6%
Gas Tankers	11	0,3%	800	1,2%	1 899	7,1%	3 162	16,7%	5 871	5,1%
Other Tankers	28	0,9%	229	0,3%	30	0,1%			288	0,3%
Passenger Ships	353	11,1%	5 429	8,2%	998	3,7%	70	0,4%	6 850	6,0%
Offshore Vessels	232	7,3%	1 771	2,7%	404	1,5%	6 582	34,8%	8 989	7,8%
Service Ships	242	7,6%	3 125	4,7%	475	1,8%			3 842	3,3%
Tugs	1 100	34,5%	431	0,7%					1 531	1,3%
Total	3 186	100%	65 948	100%	26 623	100%	18 940	100%	114 697	100%

Source: Equasis ⁽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 – 2007**Graph 10 - Gross tonnage of +25 years old ships by size – 2007**

2.3. SHIPS BY FLAG

WHOLE FLEET GT≥500

Table 13 - World fleet GT≥500: total number of ships, by type and flag – 2007

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	8 248	36,3%	5 105	21,6%	13 353	28,8%
Specialized Cargo Ships	121	0,5%	99	0,4%	220	0,5%
Container Ships	2 004	8,8%	2 304	9,7%	4 308	9,3%
Ro-Ro Cargo Ships	867	3,8%	730	3,1%	1 597	3,4%
Bulk Carriers	3 714	16,3%	3 344	14,1%	7 058	15,2%
Oil and Chemical Tankers	4 074	17,9%	4 946	20,9%	9 020	19,4%
Gas Tankers	493	2,2%	817	3,5%	1 310	2,8%
Other Tankers	122	0,5%	105	0,4%	227	0,5%
Passenger Ships	965	4,2%	1 999	8,4%	2 964	6,4%
Offshore Vessels	1 126	4,9%	2 096	8,9%	3 222	6,9%
Service Ships	719	3,2%	1 576	6,7%	2 295	4,9%
Tugs	295	1,3%	545	2,3%	840	1,8%
Total	22 748	100%	23 666	100%	46 414	100%

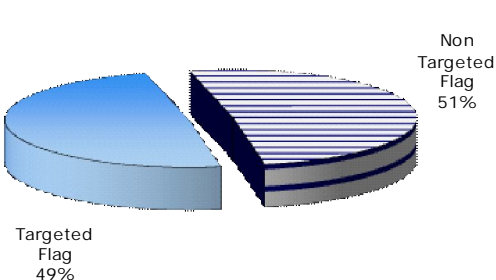
Source: Equasis

Table 14 - World fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and flag – 2007

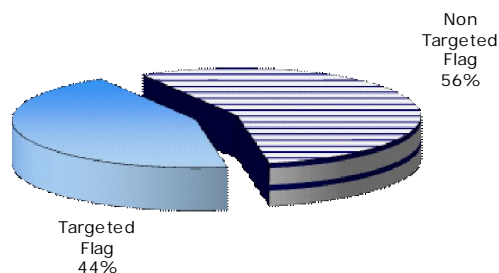
Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	33 682	9,9%	26 527	6,2%	60 209	7,8%
Specialized Cargo Ships	1 414	0,4%	1 114	0,3%	2 527	0,3%
Container Ships	55 088	16,2%	71 062	16,5%	126 151	16,3%
Ro-Ro Cargo Ships	22 169	6,5%	15 772	3,7%	37 941	4,9%
Bulk Carriers	114 980	33,7%	102 825	23,8%	217 805	28,2%
Oil and Chemical Tankers	84 852	24,9%	147 236	34,1%	232 088	30,1%
Gas Tankers	9 047	2,7%	25 166	5,8%	34 213	4,4%
Other Tankers	278	0,1%	484	0,1%	762	0,1%
Passenger Ships	10 953	3,2%	19 424	4,5%	30 376	3,9%
Offshore Vessels	5 914	1,7%	13 932	3,2%	19 846	2,6%
Service Ships	2 152	0,6%	7 157	1,7%	9 310	1,2%
Tugs	358	0,1%	483	0,1%	840	0,1%
Total	340 888	100%	431 182	100%	772 069	100%

Source: Equasis

Graph 11 - World fleet GT≥500: total number of ships, by flag – 2007



Graph 12 - World fleet GT≥500: gross tonnage of ships, by flag – 2007



MEDIUM SHIPS

Table 15 - Total number of medium⁽¹⁾ ships, by type and flag – 2007

Medium ships by flag

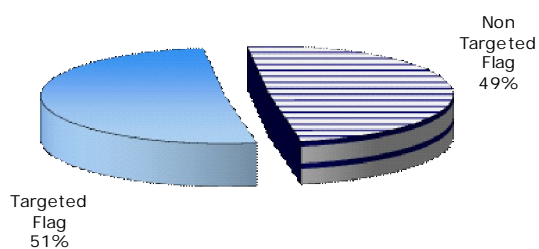
Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	8 202	44,7%	4 951	28,0%	13 153	36,5%
Specialized Cargo Ships	97	0,5%	86	0,5%	183	0,5%
Container Ships	1 223	6,7%	1 097	6,2%	2 320	6,4%
Ro-Ro Cargo Ships	487	2,7%	488	2,8%	975	2,7%
Bulk Carriers	1 837	10,0%	1 562	8,8%	3 399	9,4%
Oil and Chemical Tankers	3 089	16,8%	3 012	17,0%	6 101	16,9%
Gas Tankers	375	2,0%	538	3,0%	913	2,5%
Other Tankers	121	0,7%	101	0,6%	222	0,6%
Passenger Ships	818	4,5%	1 791	10,1%	2 609	7,2%
Offshore Vessels	1 077	5,9%	1 986	11,2%	3 063	8,5%
Service Ships	717	3,9%	1 533	8,7%	2 250	6,2%
Tugs	295	1,6%	545	3,1%	840	2,3%
Total	18 338	100%	17 690	100%	36 028	100%

Source: Equasis ⁽¹⁾ 500≤GT<25.000Table 16 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag – 2007

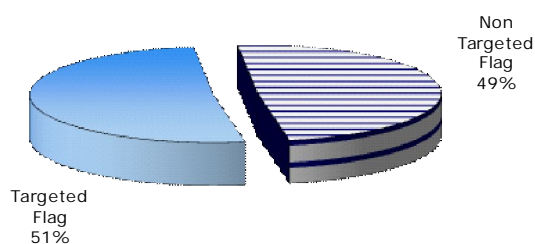
Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	32 294	30,6%	22 019	21,8%	54 313	26,3%
Specialized Cargo Ships	575	0,5%	609	0,6%	1 184	0,6%
Container Ships	13 940	13,2%	13 287	13,1%	27 227	13,2%
Ro-Ro Cargo Ships	4 529	4,3%	4 627	4,6%	9 156	4,4%
Bulk Carriers	26 125	24,8%	21 825	21,6%	47 950	23,2%
Oil and Chemical Tankers	17 487	16,6%	18 152	17,9%	35 639	17,2%
Gas Tankers	1 696	1,6%	2 779	2,7%	4 475	2,2%
Other Tankers	248	0,2%	356	0,4%	604	0,3%
Passenger Ships	4 311	4,1%	7 853	7,8%	12 164	5,9%
Offshore Vessels	1 891	1,8%	3 925	3,9%	5 817	2,8%
Service Ships	2 089	2,0%	5 225	5,2%	7 315	3,5%
Tugs	358	0,3%	483	0,5%	840	0,4%
Total	105 543	100%	101 142	100%	206 685	100%

Source: Equasis ⁽¹⁾ 500≤GT<25.000

Graph 13 - Total number of medium ships, by flag – 2007



Graph 14 - Gross tonnage of medium ships, by flag – 2007



LARGE SHIPS

Table 17 - Total number of large⁽¹⁾ ships, by type and flag – 2007

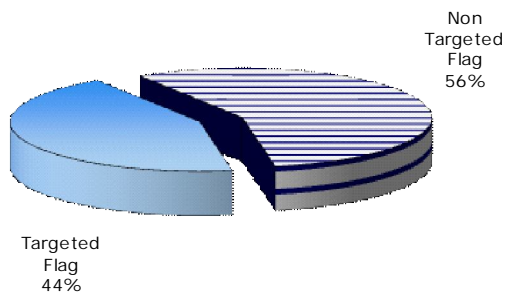
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	46	1,4%	154	3,7%	200	2,7%
Specialized Cargo Ships	24	0,7%	12	0,3%	36	0,5%
Container Ships	528	16,2%	917	21,8%	1 445	19,3%
Ro-Ro Cargo Ships	338	10,3%	221	5,3%	559	7,5%
Bulk Carriers	1 457	44,6%	1 410	33,5%	2 867	38,4%
Oil and Chemical Tankers	659	20,2%	1 188	28,2%	1 847	24,7%
Gas Tankers	76	2,3%	98	2,3%	174	2,3%
Other Tankers	1	0,0%	4	0,1%	5	0,1%
Passenger Ships	121	3,7%	131	3,1%	252	3,4%
Offshore Vessels	14	0,4%	35	0,8%	49	0,7%
Service Ships	2	0,1%	36	0,9%	38	0,5%
Tugs						
Total	3 266	100%	4 206	100%	7 472	100%

Source: Equasis ⁽¹⁾ 25.000≤GT<60.000Table 18 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag – 2007

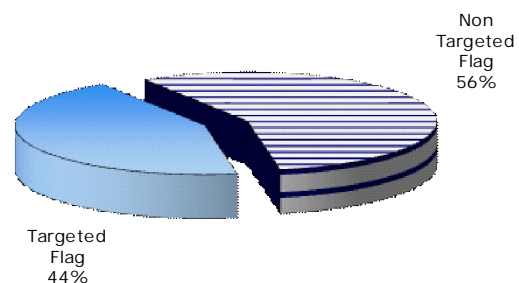
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	1 388	1,1%	4 508	2,9%	5 896	2,1%
Specialized Cargo Ships	839	0,7%	427	0,3%	1 266	0,5%
Container Ships	20 384	16,6%	35 298	22,3%	55 682	19,8%
Ro-Ro Cargo Ships	14 965	12,2%	9 796	6,2%	24 761	8,8%
Bulk Carriers	51 690	42,1%	48 677	30,8%	100 367	35,7%
Oil and Chemical Tankers	25 377	20,7%	47 471	30,0%	72 848	25,9%
Gas Tankers	3 178	2,6%	4 185	2,6%	7 363	2,6%
Other Tankers	30	0,0%	128	0,1%	158	0,1%
Passenger Ships	4 263	3,5%	4 659	2,9%	8 922	3,2%
Offshore Vessels	654	0,5%	1 503	1,0%	2 157	0,8%
Service Ships	63	0,1%	1 437	0,9%	1 499	0,5%
Tugs						
Total	122 831	100%	158 089	100%	280 920	100%

Source: Equasis ⁽¹⁾ 25.000≤GT<60.000

Graph 15 - Total number of large ships, by flag – 2007



Graph 16 - Gross tonnage of large ships, by flag – 2007



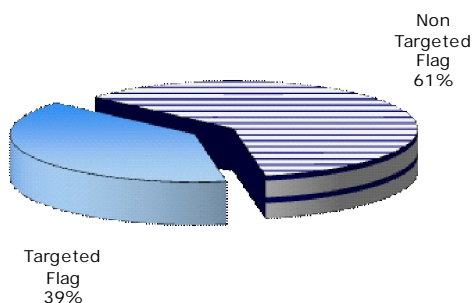
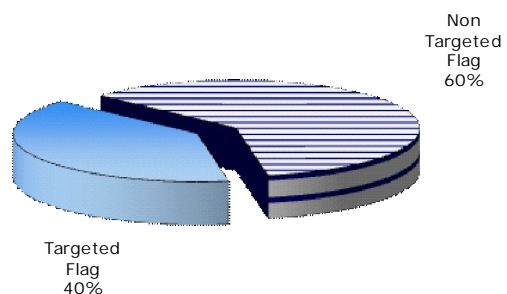
VERY LARGE SHIPS

Table 19 - Total number of very large⁽¹⁾ ships, by type and flag – 2007

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships			1	0,1%	1	0,0%
Container Ships	253	22,1%	290	16,4%	543	18,6%
Ro-Ro Cargo Ships	42	3,7%	21	1,2%	63	2,2%
Bulk Carriers	420	36,7%	372	21,0%	792	27,2%
Oil and Chemical Tankers	326	28,5%	746	42,1%	1 072	36,8%
Gas Tankers	42	3,7%	181	10,2%	223	7,7%
Other Tankers						
Passenger Ships	26	2,3%	77	4,4%	103	3,5%
Offshore Vessels	35	3,1%	75	4,2%	110	3,8%
Service Ships			7	0,4%	7	0,2%
Tugs						
Total	1 144	100%	1 770	100%	2 914	100%

Source: Equasis ⁽¹⁾GT≥60.000**Table 20 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag – 2007**

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships			78	0,0%	78	0,0%
Container Ships	20 764	18,5%	22 477	13,1%	43 241	15,2%
Ro-Ro Cargo Ships	2 676	2,4%	1 348	0,8%	4 024	1,4%
Bulk Carriers	37 165	33,0%	32 323	18,8%	69 488	24,4%
Oil and Chemical Tankers	41 988	37,3%	81 613	47,5%	123 601	43,5%
Gas Tankers	4 173	3,7%	18 202	10,6%	22 375	7,9%
Other Tankers						
Passenger Ships	2 378	2,1%	6 912	4,0%	9 290	3,3%
Offshore Vessels	3 369	3,0%	8 503	4,9%	11 872	4,2%
Service Ships			496	0,3%	496	0,2%
Tugs						
Total	112 513	100%	171 951	100%	284 464	100%

Source: Equasis ⁽¹⁾GT≥60.000**Graph 17 - Total number of very large ships, by flag – 2007****Graph 18 - Gross tonnage of very large ships, by flag – 2007**

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 "*recognised organisations*". These services are mostly provided by societies belonging to the International Association of Classification 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 and Loadline conventions.

IACS consists of 10 member societies and one associate*:

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Classification Society (CCS)
- Det Norske Veritas (DNV)
- Germanischer Lloyd (GL)
- Indian Register of Shipping* (IRS)
- Korean Register of Shipping (KR)
- Lloyd's Register of Shipping (LR)
- Nippon Kaiji Kyokai (NK)
- Registro Italiano Navale (RINA)
- Russian Maritime Register of Shipping (RS)

The tables in this chapter show the proportion of the Equasis fleet GT \geq 500, in each size and type category, which is classed with members of IACS and those classed with recognised organisations which are not members of IACS. Data on class is provided by IACS members and, for non IACS recognised organisations, 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 chapter 3.3 the fleet is analysed according to class and flag status. Flags are grouped in two categories, targeted and non-targeted. Those in the "targeted" group are the flags which appear on at least one of the targeted flag lists used in 2007 in the Port State Control regimes of the Paris MoU, Tokyo MoU and USCG (safety targeting). These lists are published annually and reflect the safety performance of ships under each flag as measured by the number of port state inspections and detentions recorded over a three-year period. Further details are included in the list of the respective Port State Control Annual Reports for 2004, 2005 and 2006. A list of the 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, Indian Ocean MoU (IO MoU) and USCG regions in 2007. All detentions are counted, whether or not the recognised organisation has any responsibility towards the grounds for the detention.

RESULTS

Graph 19 shows that the Equasis fleet over 500 GT is dominated by ships classed by IACS members (73% by number and 94% by tonnage). This proportion is reflected in most of the ship types although general cargo ships do show a smaller proportion than average covered by IACS (Table 21). Graphs 21 to 26 show that the IACS share

increases with size, with 98% of the large and very large fleet, by number and tonnage, covered by IACS. Ships known to be covered by non-IACS members are almost all medium sized (Tables 23-26) (Note: it is likely that some of the ships with class not recorded are in fact covered by a non-IACS society).

As Graphs 27,35,43 and 51 show the IACS' coverage is greater among the younger fleet and tends to diminishes with age – from 88% of ships aged up to 5 years to 47% of the fleet over 25 years old.

Graphs 59 and 67 show that the fleet of targeted flag ships has a lesser IACS coverage (71%) than the non-targeted fleet (75%).

The safety performance of the Equasis fleet over 500 GT, as measured by detention rates, shows that 3.4% of inspections resulted in detention in 2007. Those ships with an IACS class were less likely to be detained in 2007 (3.2%) than those with non-IACS members (8.9%) or with no class recorded (3.4%). This position was reflected across all ship sizes.

3.1. CLASS STATUS

Table 21 - World fleet GT≥500 : total number of ships, by type and class – 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	7 707	22,7%	1 130	56,5%	4 516	42,9%	13 353	28,8%
Specialized Cargo Ships	161	0,5%	10	0,5%	49	0,5%	220	0,5%
Container Ships	4 031	11,9%	42	2,1%	235	2,2%	4 308	9,3%
Ro-Ro Cargo Ships	1 388	4,1%	32	1,6%	177	1,7%	1 597	3,4%
Bulk Carriers	6 168	18,2%	220	11,0%	670	6,4%	7 058	15,2%
Oil and Chemical Tankers	7 114	21,0%	238	11,9%	1 668	15,8%	9 020	19,4%
Gas Tankers	1 162	3,4%	9	0,5%	139	1,3%	1 310	2,8%
Other Tankers	147	0,4%	19	1,0%	61	0,6%	227	0,5%
Passenger Ships	1 474	4,4%	212	10,6%	1 278	12,1%	2 964	6,4%
Offshore Vessels	2 695	8,0%	27	1,4%	500	4,7%	3 222	6,9%
Service Ships	1 220	3,6%	41	2,1%	1 034	9,8%	2 295	4,9%
Tugs	611	1,8%	19	1,0%	210	2,0%	840	1,8%
Total	33 878	100%	1 999	100%	10 537	100%	46 414	100%

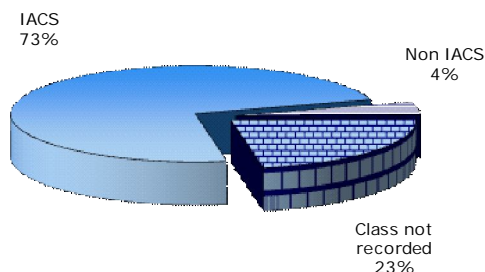
Source: Equasis - IACS membership on 31/12/2007

Table 22 - World fleet GT≥500 : gross tonnage (in 1000 t) of ships, by type and class – 2007

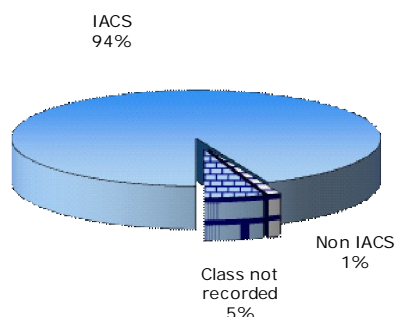
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	45 903	6,3%	2 861	37,3%	11 434	28,4%	60 199	7,8%
Specialized Cargo Ships	2 361	0,3%	37	0,5%	129	0,3%	2 527	0,3%
Container Ships	121 783	16,8%	271	3,5%	4 096	10,2%	126 151	16,3%
Ro-Ro Cargo Ships	36 877	5,1%	249	3,2%	816	2,0%	37 941	4,9%
Bulk Carriers	206 414	28,5%	2 692	35,1%	8 674	21,5%	217 780	28,2%
Oil and Chemical Tankers	226 099	31,2%	584	7,6%	5 325	13,2%	232 008	30,1%
Gas Tankers	33 176	4,6%	12	0,2%	1 025	2,5%	34 213	4,4%
Other Tankers	661	0,1%	31	0,4%	71	0,2%	762	0,1%
Passenger Ships	26 162	3,6%	748	9,8%	3 466	8,6%	30 376	3,9%
Offshore Vessels	17 108	2,4%	108	1,4%	2 631	6,5%	19 846	2,6%
Service Ships	6 756	0,9%	54	0,7%	2 499	6,2%	9 310	1,2%
Tugs	660	0,1%	15	0,2%	165	0,4%	840	0,1%
Total	723 959	100%	7 662	100%	40 333	100%	771 954	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 19 - World fleet GT≥500 : total number of ships, by class – 2007



Graph 20 - World fleet GT≥500 : gross tonnage of ships, by class – 2007



MEDIUM SHIPS

Table 23 - Total number of medium⁽¹⁾ ships, by type and class – 2007

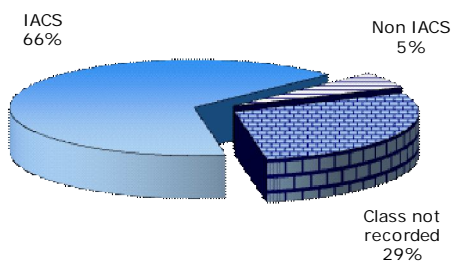
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	7 507	31,7%	1 130	57,0%	4 516	43,7%	13 153	36,5%
Specialized Cargo Ships	124	0,5%	10	0,5%	49	0,5%	183	0,5%
Container Ships	2 097	8,8%	41	2,1%	182	1,8%	2 320	6,4%
Ro-Ro Cargo Ships	770	3,2%	32	1,6%	173	1,7%	975	2,7%
Bulk Carriers	2 585	10,9%	208	10,5%	606	5,9%	3 399	9,4%
Oil and Chemical Tankers	4 230	17,8%	237	11,9%	1 634	15,8%	6 101	16,9%
Gas Tankers	773	3,3%	9	0,5%	131	1,3%	913	2,5%
Other Tankers	142	0,6%	19	1,0%	61	0,6%	222	0,6%
Passenger Ships	1 121	4,7%	212	10,7%	1 276	12,3%	2 609	7,2%
Offshore Vessels	2 561	10,8%	26	1,3%	476	4,6%	3 063	8,5%
Service Ships	1 178	5,0%	41	2,1%	1 031	10,0%	2 250	6,2%
Tugs	611	2,6%	19	1,0%	210	2,0%	840	2,3%
Total	23 699	100%	1 984	100%	10 345	100%	36 028	100%

Source: Equasis - ⁽¹⁾500≤GT<25.000 - IACS membership on 31/12/2007Table 24 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and class – 2007

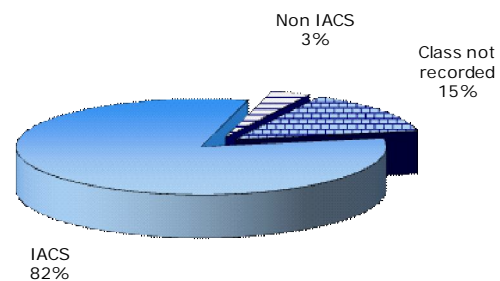
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	40 007	23,6%	2 861	40,2%	11 434	37,6%	54 303	26,3%
Specialized Cargo Ships	1 017	0,6%	37	0,5%	129	0,4%	1 184	0,6%
Container Ships	25 599	15,1%	243	3,4%	1 384	4,6%	27 227	13,2%
Ro-Ro Cargo Ships	8 306	4,9%	249	3,5%	602	2,0%	9 156	4,4%
Bulk Carriers	39 219	23,2%	2 298	32,3%	6 433	21,2%	47 950	23,2%
Oil and Chemical Tankers	31 522	18,6%	537	7,5%	3 580	11,8%	35 639	17,2%
Gas Tankers	4 300	2,5%	12	0,2%	163	0,5%	4 475	2,2%
Other Tankers	503	0,3%	31	0,4%	71	0,2%	604	0,3%
Passenger Ships	8 028	4,7%	748	10,5%	3 388	11,1%	12 164	5,9%
Offshore Vessels	5 126	3,0%	33	0,5%	658	2,2%	5 817	2,8%
Service Ships	4 878	2,9%	54	0,8%	2 382	7,8%	7 315	3,5%
Tugs	660	0,4%	15	0,2%	165	0,5%	840	0,4%
Total	169 166	100%	7 117	100%	30 392	100%	206 675	100%

Source: Equasis - ⁽¹⁾500≤GT<25.000 - IACS membership on 31/12/2007

Graph 21 - Total number of medium ships, by class – 2007



Graph 22 - Gross tonnage of medium ships, by class – 2007



LARGE SHIPS

Table 25 - Total number of large⁽¹⁾ ships, by type and class – 2007

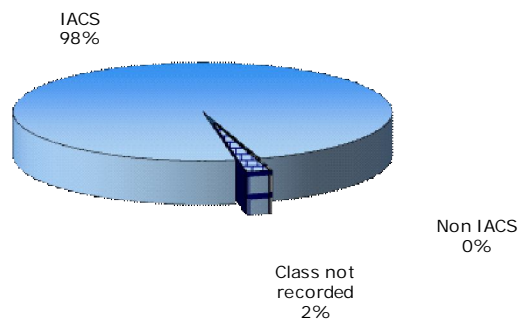
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	200	2,7%					200	2,7%
Specialized Cargo Ships	36	0,5%					36	0,5%
Container Ships	1 404	19,2%	1	7,1%	40	27,8%	1 445	19,3%
Ro-Ro Cargo Ships	556	7,6%			3	2,1%	559	7,5%
Bulk Carriers	2 794	38,2%	12	85,7%	61	42,4%	2 867	38,4%
Oil and Chemical Tankers	1 820	24,9%	1	7,1%	26	18,1%	1 847	24,7%
Gas Tankers	173	2,4%			1	0,7%	174	2,3%
Other Tankers	5	0,1%					5	0,1%
Passenger Ships	250	3,4%			2	1,4%	252	3,4%
Offshore Vessels	41	0,6%			8	5,6%	49	0,7%
Service Ships	35	0,5%			3	2,1%	38	0,5%
Tugs								
Total	7 314	100%	14	100%	144	100%	7 472	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007Table 26 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and class – 2007

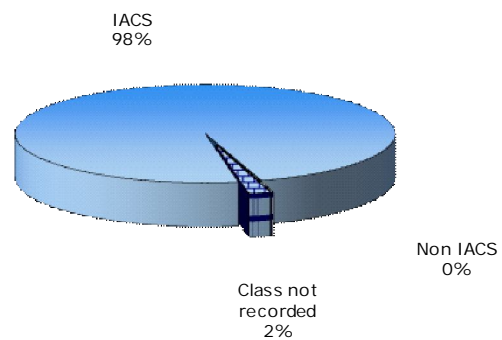
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 896	2,1%					5 896	2,1%
Specialized Cargo Ships	1 266	0,5%					1 266	0,5%
Container Ships	54 204	19,7%	28	5,9%	1 450	28,3%	55 682	19,8%
Ro-Ro Cargo Ships	24 618	8,9%			143	2,8%	24 761	8,8%
Bulk Carriers	97 932	35,6%	394	84,0%	2 015	39,3%	100 342	35,7%
Oil and Chemical Tankers	71 877	26,1%	47	10,1%	924	18,0%	72 848	25,9%
Gas Tankers	7 316	2,7%			47	0,9%	7 363	2,6%
Other Tankers	158	0,1%					158	0,1%
Passenger Ships	8 844	3,2%			78	1,5%	8 922	3,2%
Offshore Vessels	1 804	0,7%			353	6,9%	2 157	0,8%
Service Ships	1 383	0,5%			117	2,3%	1 499	0,5%
Tugs								
Total	275 299	100%	469	100%	5 127	100%	280 895	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Graph 23 - Total number of large ships, by class – 2007



Graph 24 - Gross tonnage of large ships, by class – 2007



VERY LARGE SHIPS

Table 27 - Total number of very large⁽¹⁾ ships, by type and class – 2007

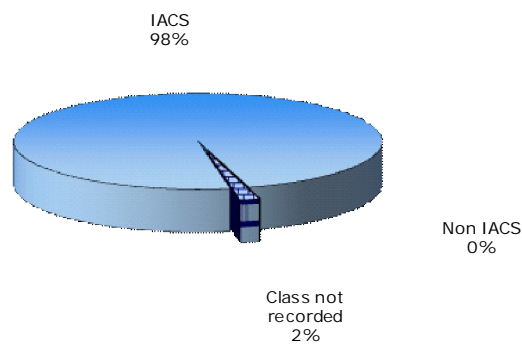
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	1	0,0%					1	0,0%
Container Ships	530	18,5%			13	27,1%	543	18,6%
Ro-Ro Cargo Ships	62	2,2%			1	2,1%	63	2,2%
Bulk Carriers	789	27,5%			3	6,3%	792	27,2%
Oil and Chemical Tankers	1 064	37,1%			8	16,7%	1 072	36,8%
Gas Tankers	216	7,5%			7	14,6%	223	7,7%
Other Tankers								
Passenger Ships	103	3,6%					103	3,5%
Offshore Vessels	93	3,2%	1	100,0%	16	33,3%	110	3,8%
Service Ships	7	0,2%					7	0,2%
Tugs								
Total	2 865	100%	1	100%	48	100%	2 914	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2007Table 28 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and class – 2007

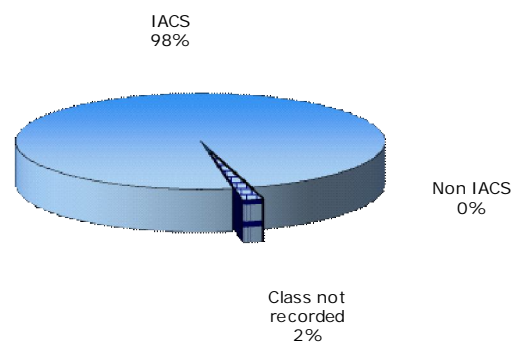
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	78	0,0%					78	0,0%
Container Ships	41 980	15,0%			1 262	26,2%	43 241	15,2%
Ro-Ro Cargo Ships	3 952	1,4%			72	1,5%	4 024	1,4%
Bulk Carriers	69 262	24,8%			226	4,7%	69 488	24,4%
Oil and Chemical Tankers	122 700	43,9%			821	17,0%	123 520	43,4%
Gas Tankers	21 560	7,7%			815	16,9%	22 375	7,9%
Other Tankers								
Passenger Ships	9 290	3,3%					9 290	3,3%
Offshore Vessels	10 177	3,6%	75	100,0%	1 620	33,6%	11 872	4,2%
Service Ships	496	0,2%					496	0,2%
Tugs								
Total	279 494	100%	75	100%	4 814	100%	284 384	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2007

Graph 25 - Total number of very large ships, by class – 2007



Graph 26 - Gross tonnage of very large ships, by class – 2007



3.2. CLASS STATUS AND AGE

0-4 YEARS OLD SHIPS

Table 29 - World fleet GT≥500: total number of 0-4 years old ships, by type and class – 2007

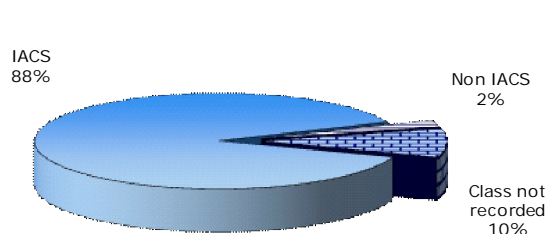
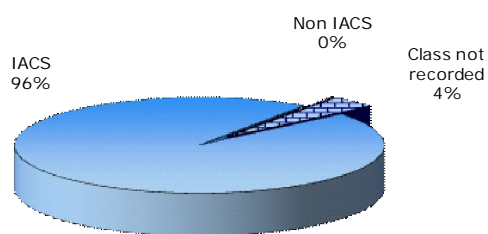
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	961	12,7%	152	76,8%	308	37,1%	1 421	16,6%
Specialized Cargo Ships	9	0,1%	1	0,5%	3	0,4%	13	0,2%
Container Ships	1 270	16,8%	3	1,5%	147	17,7%	1 420	16,5%
Ro-Ro Cargo Ships	238	3,1%			7	0,8%	245	2,9%
Bulk Carriers	1 347	17,8%	4	2,0%	29	3,5%	1 380	16,1%
Oil and Chemical Tankers	2 305	30,5%	9	4,5%	121	14,6%	2 435	28,4%
Gas Tankers	275	3,6%	0	0,0%	12	1,4%	287	3,3%
Other Tankers	14	0,2%	2	1,0%	4	0,5%	20	0,2%
Passenger Ships	202	2,7%	20	10,1%	86	10,4%	308	3,6%
Offshore Vessels	703	9,3%	3	1,5%	60	7,2%	766	8,9%
Service Ships	126	1,7%	2	1,0%	43	5,2%	171	2,0%
Tugs	107	1,4%	2	1,0%	10	1,2%	119	1,4%
Total	7 557	100%	198	100%	830	100%	8 585	100%

Source: Equasis - IACS membership on 31/12/2007

Table 30 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 0-4 years old, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	6 177	2,7%	239	61,1%	1 022	10,6%	7 438	3,1%
Specialized Cargo Ships	103	0,0%	19	4,7%	24	0,3%	145	0,1%
Container Ships	50 383	22,0%	34	8,6%	3 783	39,1%	54 200	22,6%
Ro-Ro Cargo Ships	10 035	4,4%			230	2,4%	10 265	4,3%
Bulk Carriers	55 595	24,3%	21	5,4%	531	5,5%	56 147	23,5%
Oil and Chemical Tankers	82 608	36,0%	22	5,6%	1 614	16,7%	84 243	35,2%
Gas Tankers	13 651	6,0%	0	0,0%	883	9,1%	14 534	6,1%
Other Tankers	126	0,1%	5	1,3%	11	0,1%	142	0,1%
Passenger Ships	5 933	2,6%	47	12,0%	444	4,6%	6 423	2,7%
Offshore Vessels	3 572	1,6%	2	0,6%	930	9,6%	4 504	1,9%
Service Ships	923	0,4%	1	0,3%	190	2,0%	1 114	0,5%
Tugs	141	0,1%	1	0,3%	11	0,1%	153	0,1%
Total	229 247	100%	392	100%	9 671	100%	239 310	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 27 - World fleet GT≥500: total number of 0-4 years old ships, by class – 2007**Graph 28 - World fleet GT≥500: gross tonnage of 0-4 years old of ships, by class – 2007**

0-4 YEARS OLD MEDIUM SHIPS

Table 31 - Total number of 0-4 years old medium⁽¹⁾ ships, by type and class - 2007

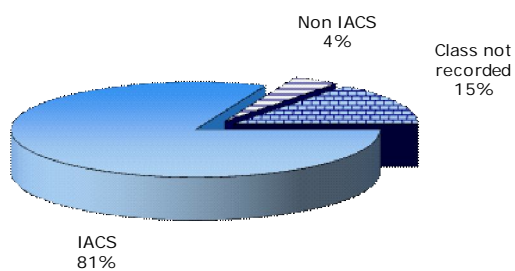
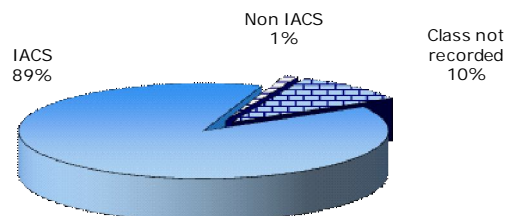
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	940	23,3%	152	77,2%	308	42,2%	1 400	28,2%
Specialized Cargo Ships	9	0,2%	1	0,5%	3	0,4%	13	0,3%
Container Ships	482	12,0%	2	1,0%	95	13,0%	579	11,7%
Ro-Ro Cargo Ships	64	1,6%			4	0,5%	68	1,4%
Bulk Carriers	308	7,6%	4	2,0%	22	3,0%	334	6,7%
Oil and Chemical Tankers	1 065	26,4%	9	4,6%	99	13,6%	1 173	23,7%
Gas Tankers	118	2,9%			4	0,5%	122	2,5%
Other Tankers	12	0,3%	2	1,0%	4	0,5%	18	0,4%
Passenger Ships	121	3,0%	20	10,2%	86	11,8%	227	4,6%
Offshore Vessels	685	17,0%	3	1,5%	52	7,1%	740	14,9%
Service Ships	120	3,0%	2	1,0%	42	5,8%	164	3,3%
Tugs	107	2,7%	2	1,0%	10	1,4%	119	2,4%
Total	4 031	100%	197	100%	729	100%	4 957	100%

Source: Equasis - IACS membership on 31/12/2007

Table 32 - Gross tonnage (in 1000 t) of 0-4 years old medium⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 499	18,1%	239	65,8%	1 022	29,0%	6 760	19,7%
Specialized Cargo Ships	103	0,3%	19	5,1%	24	0,7%	145	0,4%
Container Ships	5 668	18,6%	6	1,6%	1 100	31,2%	6 774	19,7%
Ro-Ro Cargo Ships	897	2,9%			44	1,2%	941	2,7%
Bulk Carriers	4 829	15,9%	21	5,8%	212	6,0%	5 062	14,7%
Oil and Chemical Tankers	9 570	31,4%	22	6,1%	402	11,4%	9 994	29,1%
Gas Tankers	815	2,7%			21	0,6%	836	2,4%
Other Tankers	60	0,2%	5	1,4%	11	0,3%	76	0,2%
Passenger Ships	527	1,7%	47	12,9%	444	12,6%	1 018	3,0%
Offshore Vessels	1 677	5,5%	2	0,6%	86	2,4%	1 765	5,1%
Service Ships	652	2,1%	1	0,4%	146	4,1%	799	2,3%
Tugs	141	0,5%	1	0,3%	11	0,3%	153	0,4%
Total	30 438	100%	364	100%	3 523	100%	34 325	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 29 - Total number of 0-4 years old medium ships, by class – 2007**Graph 30 - Gross tonnage of 0-4 years old medium ships, by class – 2007**

0-4 YEARS OLD LARGE SHIPS

Table 33 - Total number of 0-4 years old large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	21	0,9%					21	0,9%
Specialized Cargo Ships								
Container Ships	483	20,1%	1	100,0%	39	58,2%	523	21,2%
Ro-Ro Cargo Ships	131	5,5%			2	3,0%	133	5,4%
Bulk Carriers	809	33,7%			6	9,0%	815	33,0%
Oil and Chemical Tankers	846	35,3%			17	25,4%	863	35,0%
Gas Tankers	52	2,2%			1	1,5%	53	2,1%
Other Tankers	2	0,1%					2	0,1%
Passenger Ships	43	1,8%					43	1,7%
Offshore Vessels	6	0,3%			1	1,5%	7	0,3%
Service Ships	5	0,2%			1	1,5%	6	0,2%
Tugs								
Total	2 398	100%	1	100%	67	100%	2 466	100%

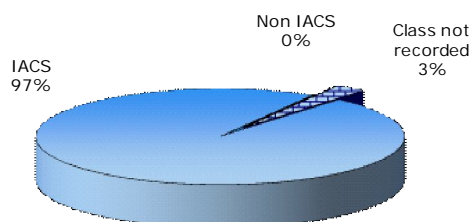
Source: Equasis - IACS membership on 31/12/2007

Table 34 - Gross tonnage (in 1000 t) of 0-4 years old large⁽¹⁾ ships, by type and class - 2007

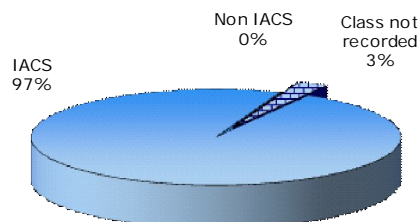
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	678	0,7%					678	0,7%
Specialized Cargo Ships								
Container Ships	18 744	20,5%	28	100,0%	1 421	57,5%	20 193	21,5%
Ro-Ro Cargo Ships	6 472	7,1%			115	4,7%	6 587	7,0%
Bulk Carriers	29 465	32,3%			227	9,2%	29 692	31,6%
Oil and Chemical Tankers	31 737	34,7%			590	23,9%	32 327	34,4%
Gas Tankers	2 168	2,4%			47	1,9%	2 215	2,4%
Other Tankers	66	0,1%					66	0,1%
Passenger Ships	1 574	1,7%					1 574	1,7%
Offshore Vessels	252	0,3%			26	1,1%	278	0,3%
Service Ships	202	0,2%			44	1,8%	246	0,3%
Tugs								
Total	91 358	100%	28	100%	2 470	100%	93 856	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 31 - Total number of 0-4 years old large ships, by class – 2007



Graph 32 - Gross tonnage of 0-4 years old large ships, by class – 2007



0-4 YEARS OLD VERY LARGE SHIPS

Table 35 - Total number of 0-4 years old very large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	305	27,0%			13	38,2%	318	27,4%
Ro-Ro Cargo Ships	43	3,8%			1	2,9%	44	3,8%
Bulk Carriers	230	20,4%			1	2,9%	231	19,9%
Oil and Chemical Tankers	394	34,9%			5	14,7%	399	34,3%
Gas Tankers	105	9,3%			7	20,6%	112	9,6%
Other Tankers								
Passenger Ships	38	3,4%					38	3,3%
Offshore Vessels	12	1,1%			7	20,6%	19	1,6%
Service Ships	1	0,1%					1	0,1%
Tugs								
Total	1 128	100%			34	100%	1 162	100%

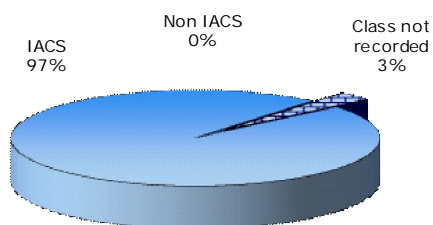
Source: Equasis - IACS membership on 31/12/2007

Table 36 - Gross tonnage (in 1000 t) of 0-4 years old very large⁽¹⁾ ships, by type and class - 2007

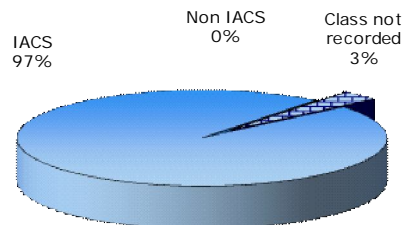
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	25 971	24,2%			1 262	34,3%	27 233	24,5%
Ro-Ro Cargo Ships	2 666	2,5%			72	1,9%	2 738	2,5%
Bulk Carriers	21 301	19,8%			91	2,5%	21 393	19,3%
Oil and Chemical Tankers	41 301	38,4%			622	16,9%	41 923	37,7%
Gas Tankers	10 667	9,9%			815	22,2%	11 482	10,3%
Other Tankers								
Passenger Ships	3 832	3,6%					3 832	3,4%
Offshore Vessels	1 642	1,5%			817	22,2%	2 460	2,2%
Service Ships	69	0,1%					69	0,1%
Tugs								
Total	107 450	100%			3 679	100%	111 130	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 33 - Total number of 0-4 years old very large ships, by class – 2007



Graph 34 - Gross tonnage of 0-4 years old very large ships, by class – 2007



5-14 YEARS OLD SHIPS

Table 37 - World fleet GT≥500: total number of 5-14 years old ships, by type and class - 2007

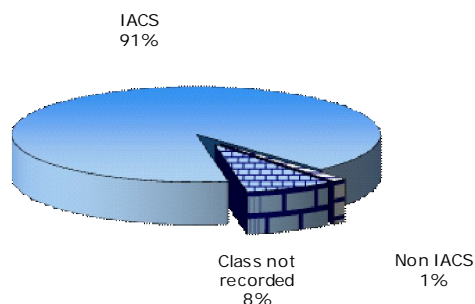
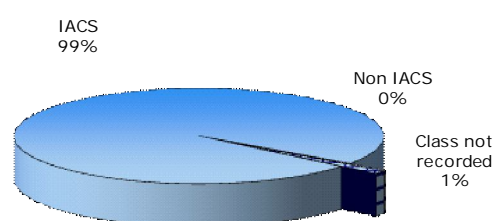
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	1 922	18,9%	51	39,2%	265	30,5%	2 238	20,1%
Specialized Cargo Ships	27	0,3%			1	0,1%	28	0,3%
Container Ships	1 789	17,6%	8	6,2%	12	1,4%	1 809	16,2%
Ro-Ro Cargo Ships	376	3,7%	1	0,8%	15	1,7%	392	3,5%
Bulk Carriers	2 136	21,0%	8	6,2%	40	4,6%	2 184	19,6%
Oil and Chemical Tankers	2 173	21,4%	18	13,8%	99	11,4%	2 290	20,5%
Gas Tankers	371	3,7%	1	0,8%	6	0,7%	378	3,4%
Other Tankers	31	0,3%	0	0,0%	5	0,6%	36	0,3%
Passenger Ships	480	4,7%	35	26,9%	265	30,5%	780	7,0%
Offshore Vessels	487	4,8%	1	0,8%	32	3,7%	520	4,7%
Service Ships	264	2,6%	6	4,6%	119	13,7%	389	3,5%
Tugs	106	1,0%	1	0,8%	10	1,2%	117	1,0%
Total	10 162	100%	130	100%	869	100%	11 161	100%

Source: Equasis - IACS membership on 31/12/2007

Table 38 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 5-14 years old, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%
General Cargo Ships	12 873	4,9%	117	24,8%	356	12,7%	13 346	5,1%
Specialized Cargo Ships	307	0,1%			1	0,0%	308	0,1%
Container Ships	48 543	18,6%	28	6,0%	56	2,0%	48 627	18,4%
Ro-Ro Cargo Ships	10 566	4,1%	2	0,3%	34	1,2%	10 602	4,0%
Bulk Carriers	76 431	29,3%	149	31,7%	98	3,5%	76 678	29,0%
Oil and Chemical Tankers	86 218	33,1%	71	15,0%	132	4,7%	86 421	32,7%
Gas Tankers	9 448	3,6%	3	0,7%	8	0,3%	9 459	3,6%
Other Tankers	180	0,1%	0	0,0%	4	0,1%	184	0,1%
Passenger Ships	10 721	4,1%	89	18,8%	931	33,4%	11 740	4,4%
Offshore Vessels	3 339	1,3%	1	0,2%	778	27,9%	4 118	1,6%
Service Ships	2 058	0,8%	10	2,2%	383	13,7%	2 451	0,9%
Tugs	112	0,0%	1	0,3%	11	0,4%	124	0,0%
Total	260 796	100%	472	100%	2 790	100%	264 058	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 35 - World fleet GT≥500: total number of 5-14 years old ships, by class – 2007**Graph 36 - World fleet GT≥500: gross tonnage of 5-14 years old of ships, by class – 2007**

5-14 YEARS OLD MEDIUM SHIPS

Table 39 - Total number of 5-14 years old medium⁽¹⁾ ships, by type and class - 2007

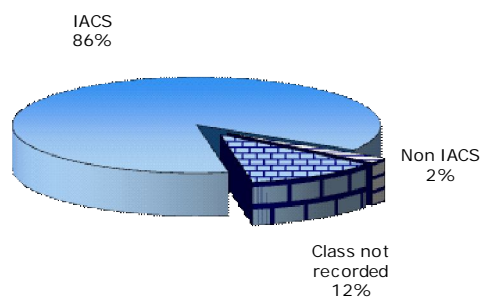
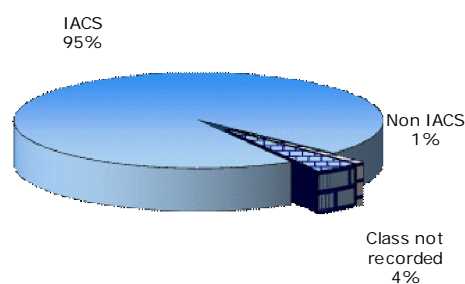
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	1 840	28,9%	51	40,2%	265	30,9%	2 156	29,3%
Specialized Cargo Ships	24	0,4%			1	0,1%	25	0,3%
Container Ships	1 039	16,3%	8	6,3%	11	1,3%	1 058	14,4%
Ro-Ro Cargo Ships	212	3,3%	1	0,8%	15	1,7%	228	3,1%
Bulk Carriers	616	9,7%	5	3,9%	40	4,7%	661	9,0%
Oil and Chemical Tankers	1 216	19,1%	18	14,2%	99	11,5%	1 333	18,1%
Gas Tankers	273	4,3%	1	0,8%	6	0,7%	280	3,8%
Other Tankers	29	0,5%			5	0,6%	34	0,5%
Passenger Ships	317	5,0%	35	27,6%	265	30,9%	617	8,4%
Offshore Vessels	451	7,1%	1	0,8%	23	2,7%	475	6,5%
Service Ships	250	3,9%	6	4,7%	118	13,8%	374	5,1%
Tugs	106	1,7%	1	0,8%	10	1,2%	117	1,6%
Total	6 373	100%	127	100%	858	100%	7 358	100%

Source: Equasis - IACS membership on 31/12/2007

Table 40 - Gross tonnage (in 1000 t) of 5-14 years old medium⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	10 366	20,6%	117	30,4%	356	17,7%	10 839	20,6%
Specialized Cargo Ships	187	0,4%			1	0,0%	188	0,4%
Container Ships	12 606	25,1%	28	7,3%	27	1,3%	12 662	24,0%
Ro-Ro Cargo Ships	2 472	4,9%	2	0,4%	34	1,7%	2 508	4,8%
Bulk Carriers	9 001	17,9%	63	16,3%	98	4,8%	9 161	17,4%
Oil and Chemical Tankers	9 296	18,5%	71	18,4%	132	6,6%	9 499	18,0%
Gas Tankers	1 583	3,1%	3	0,9%	8	0,4%	1 595	3,0%
Other Tankers	119	0,2%			4	0,2%	122	0,2%
Passenger Ships	2 082	4,1%	89	23,1%	931	46,2%	3 102	5,9%
Offshore Vessels	1 148	2,3%	1	0,2%	67	3,3%	1 216	2,3%
Service Ships	1 319	2,6%	10	2,7%	346	17,2%	1 676	3,2%
Tugs	112	0,2%	1	0,3%	11	0,5%	124	0,2%
Total	50 292	100%	385	100%	2 014	100%	52 691	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 37 - Total number of 5-14 years old medium ships, by class – 2007**Graph 38 - Gross tonnage of 5-14 years old medium ships, by class – 2007**

5-14 YEARS OLD LARGE SHIPS

Table 41 - Total number of 5-14 years old large⁽¹⁾ ships, by type and class - 2007

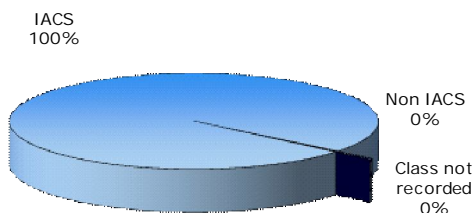
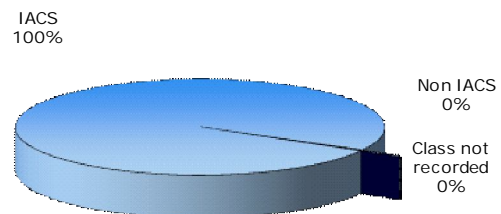
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	82	3,1%					82	3,1%
Specialized Cargo Ships	3	0,1%					3	0,1%
Container Ships	530	20,0%			1	16,7%	531	19,9%
Ro-Ro Cargo Ships	148	5,6%					148	5,6%
Bulk Carriers	1 209	45,5%	3	100%			1 212	45,5%
Oil and Chemical Tankers	511	19,2%					511	19,2%
Gas Tankers	38	1,4%					38	1,4%
Other Tankers	2	0,1%					2	0,1%
Passenger Ships	107	4,0%					107	4,0%
Offshore Vessels	18	0,7%			4	66,7%	22	0,8%
Service Ships	8	0,3%			1	16,7%	9	0,3%
Tugs								
Total	2 656	100%	3	100%	6	100%	2 665	100%

Source: Equasis - IACS membership on 31/12/2007

Table 42 - Gross tonnage (in 1000 t) of 5-14 years old large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 507	2,5%					2 507	2,5%
Specialized Cargo Ships	120	0,1%					120	0,1%
Container Ships	20 237	20,5%			29	10,5%	20 267	20,4%
Ro-Ro Cargo Ships	7 008	7,1%					7 008	7,1%
Bulk Carriers	41 291	41,7%	87	100%			41 377	41,7%
Oil and Chemical Tankers	21 088	21,3%					21 088	21,2%
Gas Tankers	1 676	1,7%					1 676	1,7%
Other Tankers	62	0,1%					62	0,1%
Passenger Ships	3 817	3,9%					3 817	3,8%
Offshore Vessels	803	0,8%			212	76,3%	1 015	1,0%
Service Ships	312	0,3%			37	13,2%	349	0,4%
Tugs								
Total	98 920	100%	87	100%	278	100%	99 285	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 39 - Total number of 5-14 years old large ships, by class – 2007**Graph 40 - Gross tonnage of 5-14 years old large ships, by class – 2007**

5-14 YEARS OLD VERY LARGE SHIPS

Table 43 - Total number of 5-14 years old very large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	220	19,4%					220	19,3%
Ro-Ro Cargo Ships	16	1,4%					16	1,4%
Bulk Carriers	311	27,4%					311	27,3%
Oil and Chemical Tankers	446	39,4%					446	39,2%
Gas Tankers	60	5,3%					60	5,3%
Other Tankers								
Passenger Ships	56	4,9%					56	4,9%
Offshore Vessels	18	1,6%			5	100,0%	23	2,0%
Service Ships	6	0,5%					6	0,5%
Tugs								
Total	1 133	100%			5	100%	1 138	100%

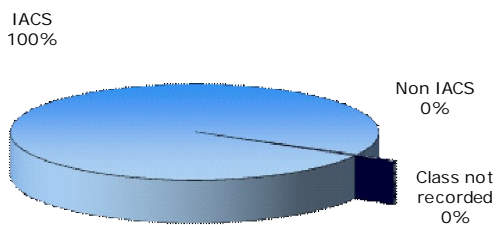
Source: Equasis - IACS membership on 31/12/2007

Table 44 - Gross tonnage (in 1000 t) of 5-14 years old very large⁽¹⁾ ships, by type and class - 2007

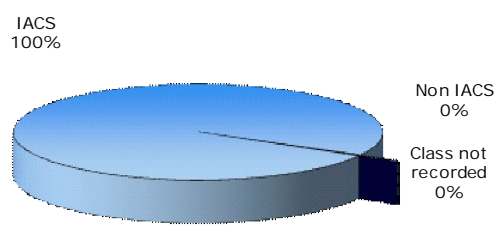
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	15 699	14,1%					15 699	14,0%
Ro-Ro Cargo Ships	1 086	1,0%					1 086	1,0%
Bulk Carriers	26 139	23,4%					26 139	23,3%
Oil and Chemical Tankers	55 834	50,0%					55 834	49,8%
Gas Tankers	6 189	5,5%					6 189	5,5%
Other Tankers								
Passenger Ships	4 821	4,3%					4 821	4,3%
Offshore Vessels	1 388	1,2%			498	100,0%	1 887	1,7%
Service Ships	426	0,4%					426	0,4%
Tugs								
Total	111 583	100%			498	100%	112 082	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 41 - Total number of 5-14 years old very large ships, by class – 2007



Graph 42 - Gross tonnage of 5-14 years old very large ships, by class – 2007



15-24 YEARS OLD SHIPS

Table 45 - World fleet GT≥500: total number of 15-24 years old ships, by type and class - 2007

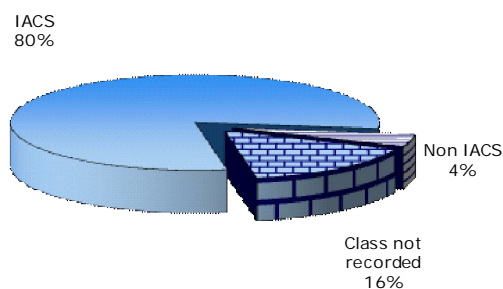
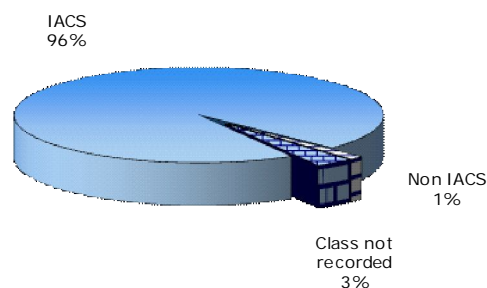
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 541	29,7%	250	58,4%	706	41,5%	3 497	32,7%
Specialized Cargo Ships	52	0,6%	2	0,5%	3	0,2%	57	0,5%
Container Ships	675	7,9%	10	2,3%	5	0,3%	690	6,5%
Ro-Ro Cargo Ships	385	4,5%	12	2,8%	23	1,4%	420	3,9%
Bulk Carriers	1 573	18,4%	35	8,2%	140	8,2%	1 748	16,3%
Oil and Chemical Tankers	1 725	20,1%	49	11,4%	218	12,8%	1 992	18,6%
Gas Tankers	294	3,4%	2	0,5%	7	0,4%	303	2,8%
Other Tankers	46	0,5%	4	0,9%	14	0,8%	64	0,6%
Passenger Ships	320	3,7%	40	9,3%	296	17,4%	656	6,1%
Offshore Vessels	529	6,2%	3	0,7%	69	4,1%	601	5,6%
Service Ships	335	3,9%	11	2,6%	193	11,3%	539	5,0%
Tugs	88	1,0%	10	2,3%	29	1,7%	127	1,2%
Total	8 563	100%	428	100%	1 703	100%	10 694	100%

Source: Equasis - IACS membership on 31/12/2007

Table 46 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 15-24 years old, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	14 685	9,8%	647	40,7%	1 470	28,7%	16 802	10,7%
Specialized Cargo Ships	973	0,6%	1	0,1%	2	0,0%	977	0,6%
Container Ships	16 911	11,2%	87	5,5%	9	0,2%	17 008	10,8%
Ro-Ro Cargo Ships	9 160	6,1%	117	7,4%	73	1,4%	9 350	6,0%
Bulk Carriers	49 906	33,2%	462	29,1%	1 557	30,4%	51 926	33,1%
Oil and Chemical Tankers	45 507	30,3%	117	7,4%	394	7,7%	46 019	29,3%
Gas Tankers	4 351	2,9%	2	0,1%	6	0,1%	4 360	2,8%
Other Tankers	161	0,1%	4	0,2%	12	0,2%	177	0,1%
Passenger Ships	4 788	3,2%	127	8,0%	800	15,6%	5 716	3,6%
Offshore Vessels	2 103	1,4%	6	0,4%	359	7,0%	2 468	1,6%
Service Ships	1 713	1,1%	11	0,7%	421	8,2%	2 144	1,4%
Tugs	102	0,1%	7	0,5%	23	0,5%	132	0,1%
Total	150 360	100%	1 591	100%	5 127	100%	157 077	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 43 - World fleet GT≥500: total number of 15-24 years old ships, by class – 2007**Graph 44 - World fleet GT≥500: gross tonnage of 15-24 years old of ships, by class – 2007**

15-24 YEARS OLD MEDIUM SHIPS

Table 47 - Total number of 15-24 years old medium⁽¹⁾ ships, by type and class - 2007

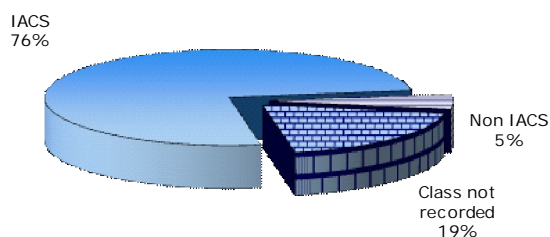
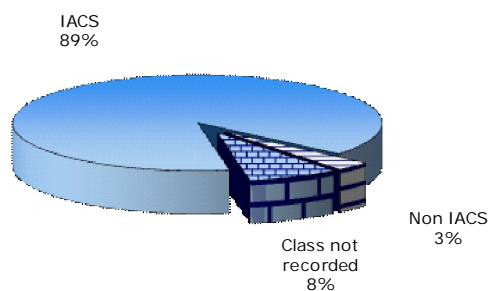
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 485	37,8%	250	59,1%	706	42,0%	3 441	39,6%
Specialized Cargo Ships	35	0,5%	2	0,5%	3	0,2%	40	0,5%
Container Ships	381	5,8%	10	2,4%	5	0,3%	396	4,6%
Ro-Ro Cargo Ships	215	3,3%	12	2,8%	23	1,4%	250	2,9%
Bulk Carriers	857	13,0%	30	7,1%	122	7,3%	1 009	11,6%
Oil and Chemical Tankers	1 148	17,5%	49	11,6%	217	12,9%	1 414	16,3%
Gas Tankers	243	3,7%	2	0,5%	7	0,4%	252	2,9%
Other Tankers	46	0,7%	4	0,9%	14	0,8%	64	0,7%
Passenger Ships	242	3,7%	40	9,5%	296	17,6%	578	6,7%
Offshore Vessels	514	7,8%	3	0,7%	64	3,8%	581	6,7%
Service Ships	324	4,9%	11	2,6%	193	11,5%	528	6,1%
Tugs	88	1,3%	10	2,4%	29	1,7%	127	1,5%
Total	6 578	100%	423	100%	1 679	100%	8 680	100%

Source: Equasis - IACS membership on 31/12/2007

Table 48 - Gross tonnage (in 1000 t) of 15-24 years old medium⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	13 100	27,3%	647	45,8%	1 470	34,3%	15 217	28,3%
Specialized Cargo Ships	332	0,7%	1	0,1%	2	0,1%	336	0,6%
Container Ships	4 879	10,2%	87	6,2%	9	0,2%	4 975	9,3%
Ro-Ro Cargo Ships	1 956	4,1%	117	8,3%	73	1,7%	2 146	4,0%
Bulk Carriers	14 404	30,0%	286	20,2%	1 018	23,8%	15 708	29,2%
Oil and Chemical Tankers	7 924	16,5%	117	8,3%	341	8,0%	8 382	15,6%
Gas Tankers	1 236	2,6%	2	0,1%	6	0,2%	1 245	2,3%
Other Tankers	161	0,3%	4	0,3%	12	0,3%	177	0,3%
Passenger Ships	1 689	3,5%	127	9,0%	800	18,7%	2 616	4,9%
Offshore Vessels	953	2,0%	6	0,4%	105	2,4%	1 064	2,0%
Service Ships	1 283	2,7%	11	0,8%	421	9,8%	1 715	3,2%
Tugs	102	0,2%	7	0,5%	23	0,5%	132	0,2%
Total	48 018	100%	1 414	100%	4 281	100%	53 714	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 45 - Total number of 15-24 years old medium ships, by class – 2007**Graph 46 - Gross tonnage of 15-24 years old medium ships, by class – 2007**

15-24 YEARS OLD LARGE SHIPS

Table 49 - Total number of 15-24 years old large⁽¹⁾ ships, by type and class - 2007

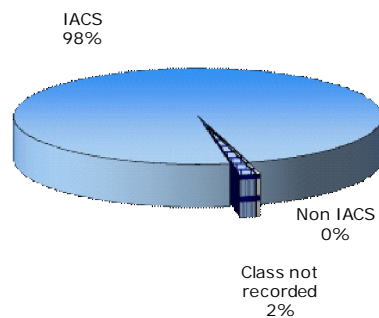
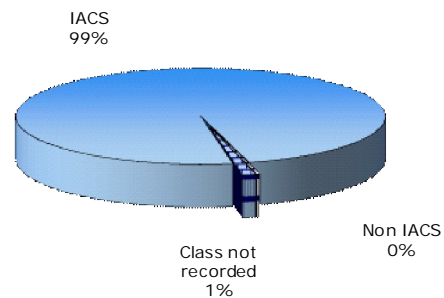
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	56	3,6%					56	3,5%
Specialized Cargo Ships	16	1,0%					16	1,0%
Container Ships	289	18,4%					289	18,1%
Ro-Ro Cargo Ships	167	10,7%					167	10,5%
Bulk Carriers	524	33,4%	5	100%	18	81,8%	547	34,3%
Oil and Chemical Tankers	392	25,0%			1	4,5%	393	24,6%
Gas Tankers	36	2,3%					36	2,3%
Other Tankers	0	0,0%						
Passenger Ships	70	4,5%					70	4,4%
Offshore Vessels	7	0,4%			3	13,6%	10	0,6%
Service Ships	11	0,7%					11	0,7%
Tugs								
Total	1 568	100%	5	100%	22	100%	1 595	100%

Source: Equasis - IACS membership on 31/12/2007

Table 50 - Gross tonnage (in 1000 t) of 15-24 years old large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 585	2,6%					1 585	2,6%
Specialized Cargo Ships	563	0,9%					563	0,9%
Container Ships	11 723	19,5%					11 723	19,2%
Ro-Ro Cargo Ships	7 004	11,6%					7 004	11,5%
Bulk Carriers	18 094	30,0%	177	100%	539	76,4%	18 809	30,8%
Oil and Chemical Tankers	16 398	27,2%			53	7,5%	16 450	26,9%
Gas Tankers	1 573	2,6%					1 573	2,6%
Other Tankers								
Passenger Ships	2 534	4,2%					2 534	4,1%
Offshore Vessels	346	0,6%			114	16,1%	460	0,8%
Service Ships	429	0,7%					429	0,7%
Tugs								
Total	60 249	100%	177	100%	706	100%	61 131	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 47 - Total number of 15-24 years old large ships, by class – 2007**Graph 48 - Gross tonnage of 15-24 years old large ships, by class – 2007**

15-24 YEARS OLD VERY LARGE SHIPS

Table 51 - Total number of 15-24 years old very large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	1	0,2%					1	0,2%
Container Ships	5	1,2%					5	1,2%
Ro-Ro Cargo Ships	3	0,7%					3	0,7%
Bulk Carriers	192	46,0%					192	45,8%
Oil and Chemical Tankers	185	44,4%					185	44,2%
Gas Tankers	15	3,6%					15	3,6%
Other Tankers								
Passenger Ships	8	1,9%					8	1,9%
Offshore Vessels	8	1,9%			2	100,0%	10	2,4%
Service Ships								
Tugs								
Total	417	100%			2	100%	419	100%

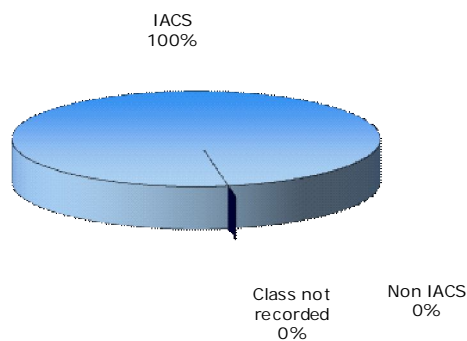
Source: Equasis - IACS membership on 31/12/2007

Table 52 - Gross tonnage (in 1000 t) of 15-24 years old very large⁽¹⁾ ships, by type and class - 2007

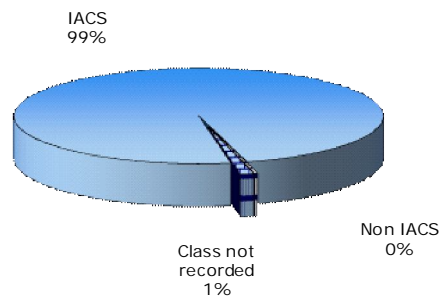
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	78	0,2%					78	0,2%
Container Ships	310	0,7%					310	0,7%
Ro-Ro Cargo Ships	200	0,5%					200	0,5%
Bulk Carriers	17 408	41,4%					17 408	41,2%
Oil and Chemical Tankers	21 186	50,3%					21 186	50,2%
Gas Tankers	1 541	3,7%					1 541	3,6%
Other Tankers								
Passenger Ships	566	1,3%					566	1,3%
Offshore Vessels	804	1,9%			140	100,0%	944	2,2%
Service Ships								
Tugs								
Total	42 093	100%			140	100%	42 233	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 49 - Total number of 15-24 years old very large ships, by class – 2007



Graph 50 - Gross tonnage of 15-24 years old very large ships, by class – 2007



25+ YEARS OLD SHIPS

Table 53 - World fleet GT≥500: total number of 25+ years old ships, by type and class - 2007

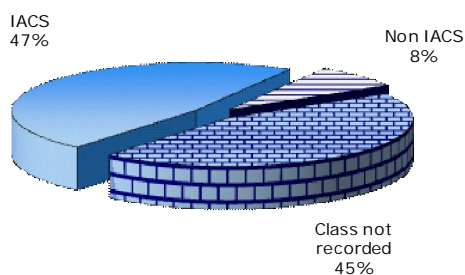
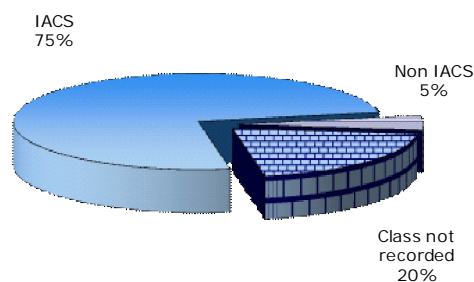
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 281	30,0%	677	54,5%	3 237	45,4%	6 195	38,8%
Specialized Cargo Ships	73	1,0%	7	0,6%	42	0,6%	122	0,8%
Container Ships	297	3,9%	21	1,7%	71	1,0%	389	2,4%
Ro-Ro Cargo Ships	389	5,1%	19	1,5%	132	1,9%	540	3,4%
Bulk Carriers	1 112	14,6%	173	13,9%	461	6,5%	1 746	10,9%
Oil and Chemical Tankers	910	12,0%	162	13,0%	1 230	17,2%	2 302	14,4%
Gas Tankers	222	2,9%	6	0,5%	114	1,6%	342	2,1%
Other Tankers	56	0,7%	13	1,0%	38	0,5%	107	0,7%
Passenger Ships	472	6,2%	117	9,4%	631	8,8%	1 220	7,6%
Offshore Vessels	976	12,9%	20	1,6%	339	4,8%	1 335	8,4%
Service Ships	495	6,5%	22	1,8%	679	9,5%	1 196	7,5%
Tugs	310	4,1%	6	0,5%	161	2,3%	477	3,0%
Total	7 593	100%	1 243	100%	7 135	100%	15 971	100%

Source: Equasis - IACS membership on 31/12/2007

Table 54 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 25+ years old, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	12 168	14,6%	1 858	35,7%	8 588	37,8%	22 613	20,3%
Specialized Cargo Ships	978	1,2%	17	0,3%	102	0,4%	1 098	1,0%
Container Ships	5 946	7,1%	122	2,3%	248	1,1%	6 316	5,7%
Ro-Ro Cargo Ships	7 116	8,5%	130	2,5%	479	2,1%	7 724	6,9%
Bulk Carriers	24 481	29,3%	2 059	39,5%	6 488	28,5%	33 028	29,6%
Oil and Chemical Tankers	11 766	14,1%	374	7,2%	3 185	14,0%	15 325	13,7%
Gas Tankers	5 726	6,9%	7	0,1%	128	0,6%	5 860	5,3%
Other Tankers	193	0,2%	22	0,4%	45	0,2%	260	0,2%
Passenger Ships	4 721	5,6%	484	9,3%	1 292	5,7%	6 497	5,8%
Offshore Vessels	8 094	9,7%	99	1,9%	564	2,5%	8 757	7,9%
Service Ships	2 062	2,5%	32	0,6%	1 506	6,6%	3 600	3,2%
Tugs	305	0,4%	5	0,1%	120	0,5%	431	0,4%
Total	83 557	100%	5 208	100%	22 744	100%	111 509	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 51 - World fleet GT≥500: total number of 25+ years old ships, by class – 2007**Graph 52 - World fleet GT≥500: gross tonnage of 25+ years old of ships, by class – 2007**

25+ YEARS OLD MEDIUM SHIPS

Table 55 - Total number of 25+ years old medium⁽¹⁾ ships, by type and class - 2007

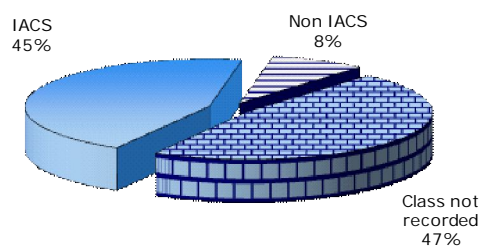
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 240	33,4%	677	54,7%	3 237	45,7%	6 154	40,9%
Specialized Cargo Ships	56	0,8%	7	0,6%	42	0,6%	105	0,7%
Container Ships	195	2,9%	21	1,7%	71	1,0%	287	1,9%
Ro-Ro Cargo Ships	279	4,2%	19	1,5%	131	1,9%	429	2,9%
Bulk Carriers	804	12,0%	169	13,7%	422	6,0%	1 395	9,3%
Oil and Chemical Tankers	801	11,9%	161	13,0%	1 219	17,2%	2 181	14,5%
Gas Tankers	139	2,1%	6	0,5%	114	1,6%	259	1,7%
Other Tankers	55	0,8%	13	1,1%	38	0,5%	106	0,7%
Passenger Ships	441	6,6%	117	9,5%	629	8,9%	1 187	7,9%
Offshore Vessels	911	13,6%	19	1,5%	337	4,8%	1 267	8,4%
Service Ships	484	7,2%	22	1,8%	678	9,6%	1 184	7,9%
Tugs	310	4,6%	6	0,5%	161	2,3%	477	3,2%
Total	6 715	100%	1 237	100%	7 079	100%	15 031	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007Table 56 - Gross tonnage (in 1000 t) of 25+ years old medium⁽¹⁾ ships, by type and class - 2007

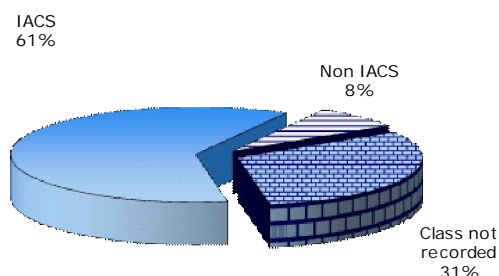
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	11 042	27,3%	1 858	37,5%	8 588	41,7%	21 487	32,6%
Specialized Cargo Ships	395	1,0%	17	0,3%	102	0,5%	514	0,8%
Container Ships	2 446	6,1%	122	2,5%	248	1,2%	2 816	4,3%
Ro-Ro Cargo Ships	2 981	7,4%	130	2,6%	451	2,2%	3 562	5,4%
Bulk Carriers	10 985	27,2%	1 928	38,9%	5 105	24,8%	18 018	27,3%
Oil and Chemical Tankers	4 733	11,7%	326	6,6%	2 705	13,1%	7 764	11,8%
Gas Tankers	665	1,6%	7	0,1%	128	0,6%	800	1,2%
Other Tankers	163	0,4%	22	0,4%	45	0,2%	229	0,3%
Passenger Ships	3 731	9,2%	484	9,8%	1 214	5,9%	5 429	8,2%
Offshore Vessels	1 348	3,3%	23	0,5%	400	1,9%	1 771	2,7%
Service Ships	1 624	4,0%	32	0,6%	1 469	7,1%	3 125	4,7%
Tugs	305	0,8%	5	0,1%	120	0,6%	431	0,7%
Total	40 417	100%	4 954	100%	20 575	100%	65 946	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007

Graph 53 - Total number of 25+ years old medium ships, by class – 2007



Graph 54 - Gross tonnage of 25+ years old medium ships, by class – 2007



25+ YEARS OLD LARGE SHIPS

Table 57 - Total number of 25+ years old large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	41	5,9%					41	5,5%
Specialized Cargo Ships	17	2,5%					17	2,3%
Container Ships	102	14,7%					102	13,7%
Ro-Ro Cargo Ships	110	15,9%			1	2,0%	111	14,9%
Bulk Carriers	252	36,4%	4	80,0%	37	75,5%	293	39,3%
Oil and Chemical Tankers	71	10,3%	1	20,0%	8	16,3%	80	10,7%
Gas Tankers	47	6,8%					47	6,3%
Other Tankers	1	0,1%					1	0,1%
Passenger Ships	30	4,3%			2	4,1%	32	4,3%
Offshore Vessels	10	1,4%					10	1,3%
Service Ships	11	1,6%			1	2,0%	12	1,6%
Tugs								
Total	692	100%	5	100%	49	100%	746	100%

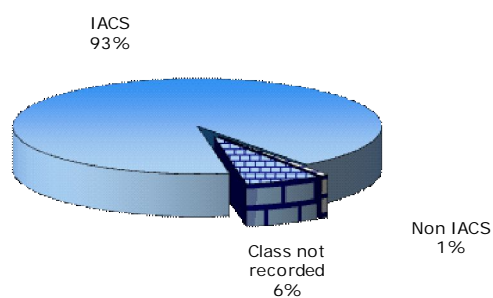
Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Table 58 - Gross tonnage (in 1000 t) of 25+ years old large⁽¹⁾ ships, by type and class - 2007

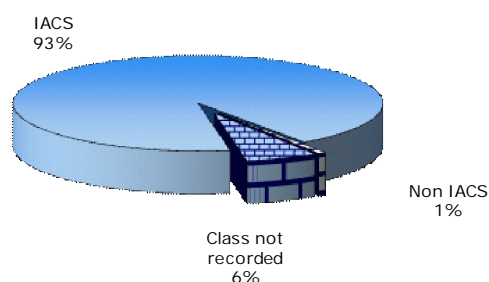
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 126	4,5%					1 126	4,2%
Specialized Cargo Ships	583	2,4%					583	2,2%
Container Ships	3 500	14,1%					3 500	13,1%
Ro-Ro Cargo Ships	4 134	16,7%			28	1,7%	4 162	15,6%
Bulk Carriers	9 083	36,7%	131	73,5%	1 249	74,7%	10 463	39,3%
Oil and Chemical Tankers	2 654	10,7%	47	26,5%	282	16,9%	2 983	11,2%
Gas Tankers	1 899	7,7%					1 899	7,1%
Other Tankers	30	0,1%					30	0,1%
Passenger Ships	920	3,7%			78	4,7%	998	3,7%
Offshore Vessels	404	1,6%					404	1,5%
Service Ships	439	1,8%			36	2,2%	475	1,8%
Tugs								
Total	24 771	100%	178	100%	1 673	100%	26 623	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Graph 55 - Total number of 25+ years old large ships, by class – 2007



Graph 56 - Gross tonnage of 25+ years old large ships, by class – 2007



25+ YEARS OLD VERY LARGE SHIPS

Table 59 - Total number of 25+ years old very large⁽¹⁾ ships, by type and class - 2007

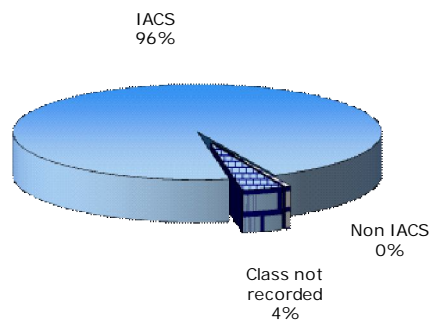
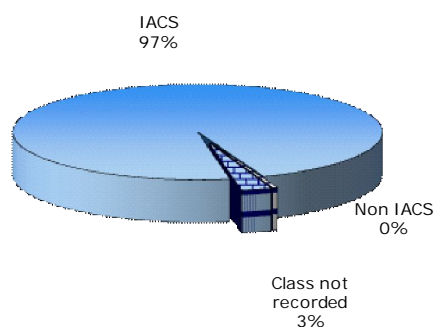
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships								
Bulk Carriers	56	30,1%			2	28,6%	58	29,9%
Oil and Chemical Tankers	38	20,4%			3	42,9%	41	21,1%
Gas Tankers	36	19,4%					36	18,6%
Other Tankers								
Passenger Ships	1	0,5%					1	0,5%
Offshore Vessels	55	29,6%	1	100%	2	28,6%	58	29,9%
Service Ships								
Tugs								
Total	186	100%	1	100%	7	100%	194	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Table 60 - Gross tonnage (in 1000 t) of 25+ years old very large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships								
Bulk Carriers	4 413	24,0%			134	27,0%	4 547	24,0%
Oil and Chemical Tankers	4 380	23,8%			198	40,0%	4 578	24,2%
Gas Tankers	3 162	17,2%					3 162	16,7%
Other Tankers								
Passenger Ships	70	0,4%					70	0,4%
Offshore Vessels	6 343	34,5%	75	100%	164	33,0%	6 582	34,8%
Service Ships								
Tugs								
Total	18 368	100%	75	100%	496	100%	18 940	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Graph 57 - Total number of 25+ years old very large ships, by class – 2007**Graph 58 - Gross tonnage of 25+ years old very large ships, by class – 2007**

3.3. CLASS STATUS AND FLAG

TARGETED FLAGS – WHOLE FLEET

Table 61 - World fleet GT≥500: total number of targeted flag ships, by type and class – 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 584	28,3%	986	58,8%	2 678	54,9%	8 248	36,3%
Specialized Cargo Ships	72	0,4%	10	0,6%	39	0,8%	121	0,5%
Container Ships	1 854	11,5%	38	2,3%	112	2,3%	2 004	8,8%
Ro-Ro Cargo Ships	761	4,7%	23	1,4%	83	1,7%	867	3,8%
Bulk Carriers	3 272	20,2%	178	10,6%	264	5,4%	3 714	16,3%
Oil and Chemical Tankers	3 067	18,9%	192	11,5%	815	16,7%	4 074	17,9%
Gas Tankers	423	2,6%	9	0,5%	61	1,3%	493	2,2%
Other Tankers	78	0,5%	18	1,1%	26	0,5%	122	0,5%
Passenger Ships	537	3,3%	162	9,7%	266	5,5%	965	4,2%
Offshore Vessels	932	5,8%	22	1,3%	172	3,5%	1 126	4,9%
Service Ships	387	2,4%	27	1,6%	305	6,3%	719	3,2%
Tugs	225	1,4%	11	0,7%	59	1,2%	295	1,3%
Total	16 192	100%	1 676	100%	4 880	100%	22 748	100%

Source: Equasis - (1)

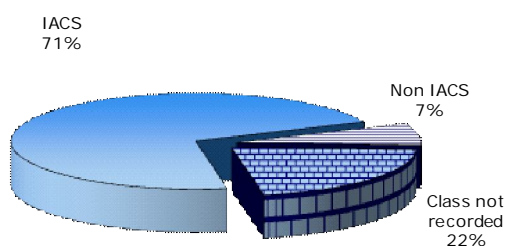
25.000≤GT<60.000 - IACS membership on 31/12/2007

Table 62 - World fleet GT≥500: gross tonnage (in 1000 t) of targeted flag ships, by type and class - 2007

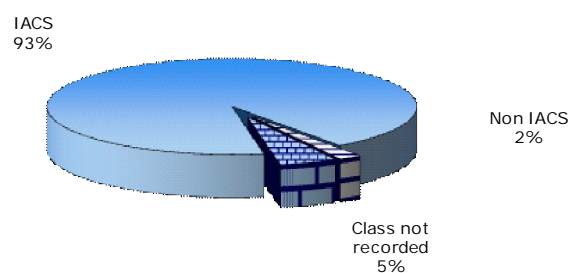
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	24 562	7,7%	2 531	40,8%	6 579	38,0%	33 672	9,9%
Specialized Cargo Ships	1 263	0,4%	37	0,6%	113	0,7%	1 414	0,4%
Container Ships	53 109	16,7%	237	3,8%	1 742	10,1%	55 088	16,2%
Ro-Ro Cargo Ships	21 651	6,8%	149	2,4%	369	2,1%	22 169	6,5%
Bulk Carriers	109 914	34,6%	2 068	33,3%	2 972	17,2%	114 954	33,7%
Oil and Chemical Tankers	81 415	25,7%	490	7,9%	2 946	17,0%	84 852	24,9%
Gas Tankers	8 719	2,7%	12	0,2%	316	1,8%	9 047	2,7%
Other Tankers	217	0,1%	29	0,5%	32	0,2%	278	0,1%
Passenger Ships	9 564	3,0%	506	8,2%	882	5,1%	10 953	3,2%
Offshore Vessels	5 165	1,6%	102	1,7%	647	3,7%	5 914	1,7%
Service Ships	1 469	0,5%	33	0,5%	651	3,8%	2 152	0,6%
Tugs	296	0,1%	8	0,1%	53	0,3%	358	0,1%
Total	317 344	100%	6 205	100%	17 303	100%	340 852	100%

Source: Equasis - (1) 25.000≤GT<60.000 - IACS membership on 31/12/2007

Graph 59 - Total number of targeted flag ships GT≥500, by class – 2007



Graph 60 - Gross tonnage of targeted flag ships GT≥500, by class – 2007



TARGETED FLAGS – MEDIUM SHIPS

Table 63 - Total number of targeted flag medium⁽¹⁾ ships, by type and class – 2007

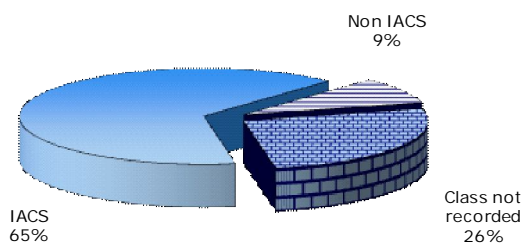
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 538	38,3%	986	59,3%	2 678	55,6%	8 202	44,7%
Specialized Cargo Ships	48	0,4%	10	0,6%	39	0,8%	97	0,5%
Container Ships	1 091	9,2%	37	2,2%	95	2,0%	1 223	6,7%
Ro-Ro Cargo Ships	383	3,2%	23	1,4%	81	1,7%	487	2,7%
Bulk Carriers	1 424	12,0%	168	10,1%	245	5,1%	1 837	10,0%
Oil and Chemical Tankers	2 101	17,7%	191	11,5%	797	16,5%	3 089	16,8%
Gas Tankers	307	2,6%	9	0,5%	59	1,2%	375	2,0%
Other Tankers	77	0,6%	18	1,1%	26	0,5%	121	0,7%
Passenger Ships	390	3,3%	162	9,7%	266	5,5%	818	4,5%
Offshore Vessels	889	7,5%	21	1,3%	167	3,5%	1 077	5,9%
Service Ships	385	3,2%	27	1,6%	305	6,3%	717	3,9%
Tugs	225	1,9%	11	0,7%	59	1,2%	295	1,6%
Total	11 858	100%	1 663	100%	4 817	100%	18 338	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007Table 64 - Gross tonnage (in 1000 t) of targeted flag medium⁽¹⁾ ships, by type and class - 2007

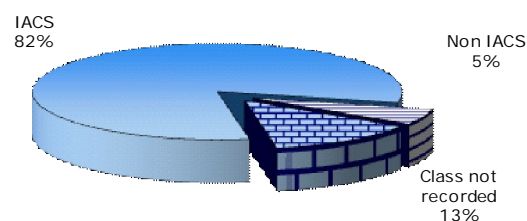
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	23 174	27,0%	2 531	44,3%	6 579	47,5%	32 284	30,6%
Specialized Cargo Ships	424	0,5%	37	0,7%	113	0,8%	575	0,5%
Container Ships	13 112	15,3%	209	3,7%	618	4,5%	13 940	13,2%
Ro-Ro Cargo Ships	4 110	4,8%	149	2,6%	269	1,9%	4 529	4,3%
Bulk Carriers	22 062	25,7%	1 732	30,3%	2 330	16,8%	26 125	24,8%
Oil and Chemical Tankers	15 058	17,5%	443	7,7%	1 986	14,3%	17 487	16,6%
Gas Tankers	1 614	1,9%	12	0,2%	70	0,5%	1 696	1,6%
Other Tankers	187	0,2%	29	0,5%	32	0,2%	248	0,2%
Passenger Ships	2 922	3,4%	506	8,9%	882	6,4%	4 311	4,1%
Offshore Vessels	1 605	1,9%	27	0,5%	260	1,9%	1 891	1,8%
Service Ships	1 406	1,6%	33	0,6%	651	4,7%	2 089	2,0%
Tugs	296	0,3%	8	0,1%	53	0,4%	358	0,3%
Total	85 971	100%	5 719	100%	13 843	100%	105 533	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007

Graph 61 - Total number of targeted flag medium ships, by class – 2007



Graph 62 - Gross tonnage of targeted flag medium ships, by class – 2007



TARGETED FLAGS – LARGE SHIPS

Table 65 - Total number of targeted flag large⁽¹⁾ ships, by type and class - 2007

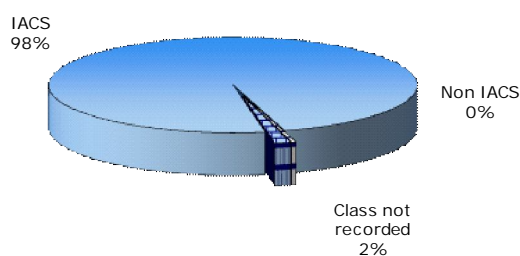
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	46	1,4%					46	1,4%
Specialized Cargo Ships	24	0,7%					24	0,7%
Container Ships	516	16,1%	1	8%	11	24,4%	528	16,2%
Ro-Ro Cargo Ships	337	10,5%			1	2,2%	338	10,3%
Bulk Carriers	1 428	44,5%	10	83%	19	42,2%	1 457	44,6%
Oil and Chemical Tankers	644	20,1%	1	8%	14	31,1%	659	20,2%
Gas Tankers	76	2,4%					76	2,3%
Other Tankers	1	0,0%					1	0,0%
Passenger Ships	121	3,8%					121	3,7%
Offshore Vessels	14	0,4%					14	0,4%
Service Ships	2	0,1%					2	0,1%
Tugs								
Total	3 209	100%	12	100%	45	100%	3 266	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007Table 66 - Gross tonnage (in 1000 t) of targeted flag large⁽¹⁾ ships, by type and class - 2007

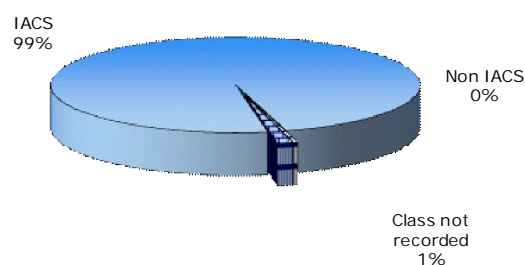
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 388	1,1%					1 388	1,1%
Specialized Cargo Ships	839	0,7%					839	0,7%
Container Ships	19 917	16,5%	28	7%	439	27,0%	20 384	16,6%
Ro-Ro Cargo Ships	14 937	12,4%			28	1,7%	14 965	12,2%
Bulk Carriers	50 687	42,0%	336	82%	642	39,4%	51 665	42,1%
Oil and Chemical Tankers	24 810	20,5%	47	11%	519	31,9%	25 377	20,7%
Gas Tankers	3 178	2,6%					3 178	2,6%
Other Tankers	30	0,0%					30	0,0%
Passenger Ships	4 263	3,5%					4 263	3,5%
Offshore Vessels	654	0,5%					654	0,5%
Service Ships	63	0,1%					63	0,1%
Tugs								
Total	120 767	100%	411	100%	1 628	100%	122 805	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Graph 63 - Total number of targeted flag large ships, by class – 2007



Graph 64 - Gross tonnage of targeted flag large ships, by class – 2007



TARGETED FLAGS – VERY LARGE SHIPS

Table 67 - Total number of targeted flag very large⁽¹⁾ ships, by type and class - 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	247	22,0%			6	33,3%	253	22,1%
Ro-Ro Cargo Ships	41	3,6%			1	5,6%	42	3,7%
Bulk Carriers	420	37,3%					420	36,7%
Oil and Chemical Tankers	322	28,6%			4	22,2%	326	28,5%
Gas Tankers	40	3,6%			2	11,1%	42	3,7%
Other Tankers								
Passenger Ships	26	2,3%			0	0,0%	26	2,3%
Offshore Vessels	29	2,6%	1	100%	5	27,8%	35	3,1%
Service Ships								
Tugs								
Total	1 125	100%	1	100%	18	100%	1 144	100%

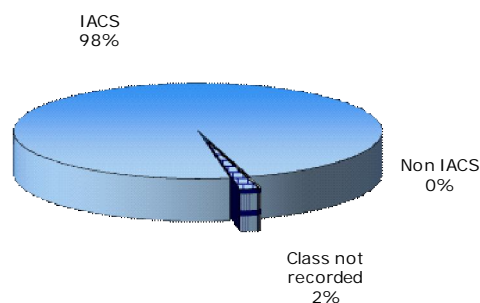
Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2007

Table 68 - Gross tonnage (in 1000 t) of targeted flag very large⁽¹⁾ ships, by type and class - 2007

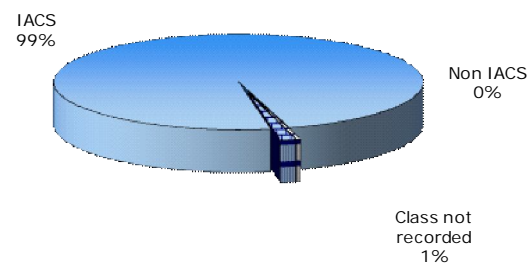
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	20 080	18,2%			685	37,4%	20 764	18,5%
Ro-Ro Cargo Ships	2 604	2,4%			72	3,9%	2 676	2,4%
Bulk Carriers	37 165	33,6%					37 165	33,0%
Oil and Chemical Tankers	41 546	37,6%			442	24,1%	41 988	37,3%
Gas Tankers	3 927	3,6%			246	13,4%	4 173	3,7%
Other Tankers								
Passenger Ships	2 378	2,1%					2 378	2,1%
Offshore Vessels	2 907	2,6%	75	100%	387	21,1%	3 369	3,0%
Service Ships								
Tugs								
Total	110 607	100%	75	100%	1 831	100%	112 513	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2007

Graph 65 - Total number of targeted flag very large ships, by class – 2007



Graph 66 - Gross tonnage of targeted flag very large ships, by class – 2007



NON TARGETED FLAGS – WORLD FLEET GT≥500

Table 69 - World fleet GT≥500: total number of non targeted flag ships, by type and class – 2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	3 123	17,7%	144	44,6%	1 838	32,5%	5 105	21,6%
Specialized Cargo Ships	89	0,5%			10	0,2%	99	0,4%
Container Ships	2 177	12,3%	4	1,2%	123	2,2%	2 304	9,7%
Ro-Ro Cargo Ships	627	3,5%	9	2,8%	94	1,7%	730	3,1%
Bulk Carriers	2 896	16,4%	42	13,0%	406	7,2%	3 344	14,1%
Oil and Chemical Tankers	4 047	22,9%	46	14,2%	853	15,1%	4 946	20,9%
Gas Tankers	739	4,2%	0	0,0%	78	1,4%	817	3,5%
Other Tankers	69	0,4%	1	0,3%	35	0,6%	105	0,4%
Passenger Ships	937	5,3%	50	15,5%	1 012	17,9%	1 999	8,4%
Offshore Vessels	1 763	10,0%	5	1,5%	328	5,8%	2 096	8,9%
Service Ships	833	4,7%	14	4,3%	729	12,9%	1 576	6,7%
Tugs	386	2,2%	8	2,5%	151	2,7%	545	2,3%
Total	17 686	100%	323	100%	5 657	100%	23 666	100%

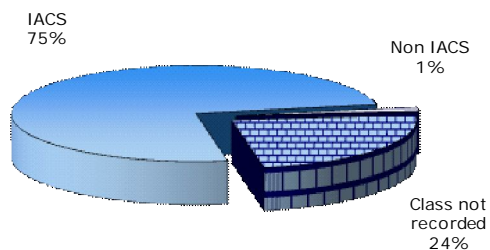
Source: Equasis - IACS membership on 31/12/2007

Table 70 - Gross tonnage (in 1000 t) of non targeted flag ships, by type and class - 2007

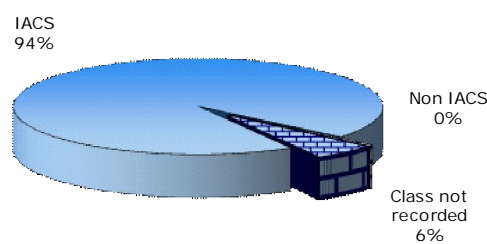
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	21 341	5,2%	330	22,6%	4 855	21,1%	26 527	6,2%
Specialized Cargo Ships	1 097	0,3%			16	0,1%	1 114	0,3%
Container Ships	68 674	16,9%	34	2,3%	2 354	10,2%	71 062	16,5%
Ro-Ro Cargo Ships	15 225	3,7%	99	6,8%	447	1,9%	15 772	3,7%
Bulk Carriers	96 499	23,7%	624	42,8%	5 702	24,8%	102 825	23,9%
Oil and Chemical Tankers	144 684	35,6%	93	6,4%	2 379	10,3%	147 156	34,1%
Gas Tankers	24 457	6,0%	0	0,0%	709	3,1%	25 166	5,8%
Other Tankers	443	0,1%	1	0,1%	39	0,2%	484	0,1%
Passenger Ships	16 599	4,1%	241	16,6%	2 584	11,2%	19 424	4,5%
Offshore Vessels	11 942	2,9%	5	0,4%	1 984	8,6%	13 932	3,2%
Service Ships	5 287	1,3%	22	1,5%	1 848	8,0%	7 157	1,7%
Tugs	363	0,1%	7	0,5%	112	0,5%	483	0,1%
Total	406 614	100%	1 457	100%	23 030	100%	431 102	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 67 - Total number of non targeted flag ships GT≥500, by class – 2007



Graph 68 - Gross tonnage of non targeted flag ships GT≥500, by class – 2007



NON TARGETED FLAGS – MEDIUM SHIPS

Table 71 - Total number of non targeted flag medium⁽¹⁾ ships, by type and class - 2007

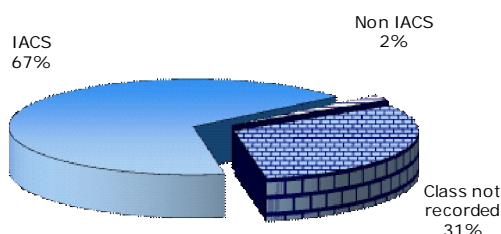
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 969	25,1%	144	44,9%	1 838	33,2%	4 951	28,0%
Specialized Cargo Ships	76	0,6%			10	0,2%	86	0,5%
Container Ships	1 006	8,5%	4	1,2%	87	1,6%	1 097	6,2%
Ro-Ro Cargo Ships	387	3,3%	9	2,8%	92	1,7%	488	2,8%
Bulk Carriers	1 161	9,8%	40	12,5%	361	6,5%	1 562	8,8%
Oil and Chemical Tankers	2 129	18,0%	46	14,3%	837	15,1%	3 012	17,0%
Gas Tankers	466	3,9%			72	1,3%	538	3,0%
Other Tankers	65	0,5%	1	0,3%	35	0,6%	101	0,6%
Passenger Ships	731	6,2%	50	15,6%	1 010	18,3%	1 791	10,1%
Offshore Vessels	1 672	14,1%	5	1,6%	309	5,6%	1 986	11,2%
Service Ships	793	6,7%	14	4,4%	726	13,1%	1 533	8,7%
Tugs	386	3,3%	8	2,5%	151	2,7%	545	3,1%
Total	11 841	100%	321	100%	5 528	100%	17 690	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007Table 72 - Gross tonnage (in 1000 t) of non targeted flag medium⁽¹⁾ ships, by type and class - 2007

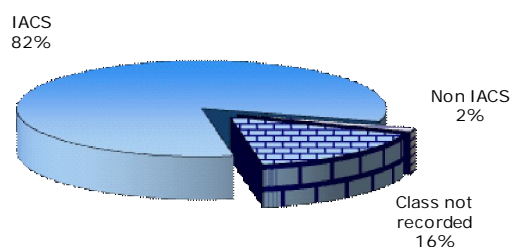
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	16 834	20,2%	330	23,6%	4 855	29,3%	22 019	21,8%
Specialized Cargo Ships	593	0,7%			16	0,1%	609	0,6%
Container Ships	12 487	15,0%	34	2,4%	766	4,6%	13 287	13,1%
Ro-Ro Cargo Ships	4 196	5,0%	99	7,1%	332	2,0%	4 627	4,6%
Bulk Carriers	17 157	20,6%	565	40,4%	4 103	24,8%	21 825	21,6%
Oil and Chemical Tankers	16 464	19,8%	93	6,7%	1 595	9,6%	18 152	17,9%
Gas Tankers	2 686	3,2%			93	0,6%	2 779	2,7%
Other Tankers	316	0,4%	1	0,1%	39	0,2%	356	0,4%
Passenger Ships	5 106	6,1%	241	17,2%	2 506	15,1%	7 853	7,8%
Offshore Vessels	3 521	4,2%	5	0,4%	399	2,4%	3 925	3,9%
Service Ships	3 472	4,2%	22	1,5%	1 732	10,5%	5 225	5,2%
Tugs	363	0,4%	7	0,5%	112	0,7%	483	0,5%
Total	83 195	100%	1 399	100%	16 548	100%	101 142	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007

Graph 69 - Total number of non targeted flag medium ships, by class – 2007



Graph 70 - Gross tonnage of non targeted flag medium ships, by class – 2007



NON TARGETED FLAGS – LARGE SHIPS

Table 73 - Total number of non targeted flag large⁽¹⁾ ships, by type and class - 2007

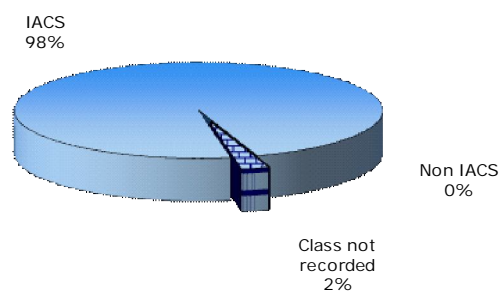
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	154	3,8%					154	3,7%
Specialized Cargo Ships	12	0,3%					12	0,3%
Container Ships	888	21,6%			29	29,3%	917	21,8%
Ro-Ro Cargo Ships	219	5,3%			2	2,0%	221	5,3%
Bulk Carriers	1 366	33,3%	2	100%	42	42,4%	1 410	33,5%
Oil and Chemical Tankers	1 176	28,6%			12	12,1%	1 188	28,2%
Gas Tankers	97	2,4%			1	1,0%	98	2,3%
Other Tankers	4	0,1%					4	0,1%
Passenger Ships	129	3,1%			2	2,0%	131	3,1%
Offshore Vessels	27	0,7%			8	8,1%	35	0,8%
Service Ships	33	0,8%			3	3,0%	36	0,9%
Tugs								
Total	4 105	100%	2	100%	99	100%	4 206	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007Table 74 - Gross tonnage (in 1000 t) of non targeted flag large⁽¹⁾ ships, by type and class - 2007

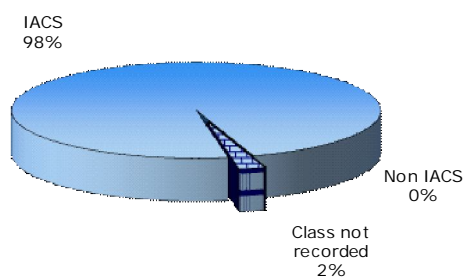
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 508	2,9%			0	0,0%	4 508	2,9%
Specialized Cargo Ships	427	0,3%					427	0,3%
Container Ships	34 287	22,2%			1 011	28,9%	35 298	22,3%
Ro-Ro Cargo Ships	9 681	6,3%			115	3,3%	9 796	6,2%
Bulk Carriers	47 245	30,6%	59	100%	1 373	39,3%	48 677	30,8%
Oil and Chemical Tankers	47 066	30,5%			405	11,6%	47 471	30,0%
Gas Tankers	4 138	2,7%			47	1,3%	4 185	2,6%
Other Tankers	128	0,1%					128	0,1%
Passenger Ships	4 581	3,0%			78	2,2%	4 659	2,9%
Offshore Vessels	1 151	0,7%			353	10,1%	1 503	1,0%
Service Ships	1 320	0,9%			117	3,3%	1 437	0,9%
Tugs								
Total	154 532	100%	59	100%	3 499	100%	158 089	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Graph 71 - Total number of non targeted flag large ships, by class – 2007



Graph 72 - Gross tonnage of non targeted flag large ships, by class – 2007



NON TARGETED FLAGS – VERY LARGE SHIPS

Table 75 - Total number of non targeted flag very large⁽¹⁾ ships, by type and class - 2007

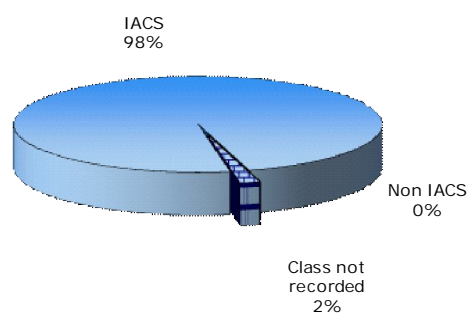
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships	1	0,1%						
Container Ships	283	16,3%			7	23,3%	290	16,4%
Ro-Ro Cargo Ships	21	1,2%					21	1,2%
Bulk Carriers	369	21,2%			3	10,0%	372	21,0%
Oil and Chemical Tankers	742	42,6%			4	13,3%	746	42,2%
Gas Tankers	176	10,1%			5	16,7%	181	10,2%
Other Tankers								
Passenger Ships	77	4,4%					77	4,4%
Offshore Vessels	64	3,7%			11	36,7%	75	4,2%
Service Ships	7	0,4%					7	0,4%
Tugs								
Total	1 740	100%			30	100%	1 769	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2007Table 76 - Gross tonnage (in 1000 t) of non targeted flag very large⁽¹⁾ ships, by type and class - 2007

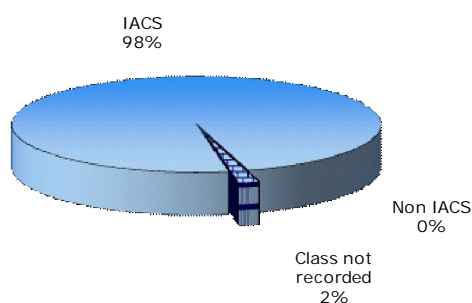
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships	78	0,0%						
Container Ships	21 900	13,0%			577	19,3%	22 477	13,1%
Ro-Ro Cargo Ships	1 348	0,8%					1 348	0,8%
Bulk Carriers	32 097	19,0%			226	7,6%	32 323	18,8%
Oil and Chemical Tankers	81 154	48,1%			379	12,7%	81 533	47,5%
Gas Tankers	17 633	10,4%			569	19,1%	18 202	10,6%
Other Tankers								
Passenger Ships	6 912	4,1%					6 912	4,0%
Offshore Vessels	7 270	4,3%			1 233	41,3%	8 503	4,9%
Service Ships	496	0,3%					496	0,3%
Tugs								
Total	168 888	100%			2 983	100%	171 793	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2007

Graph 73 - Total number of non targeted flag very large ships, by class – 2007



Graph 74 - Gross tonnage of non targeted flag very large ships under non targeted flag, by class – 2007



3.4. SAFETY PERFORMANCE

WORLD FLEET GT≥500

Table 77 - World fleet GT≥500 detention rates^(*), by type and class – 2007

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	4,84%	10,64%	5,36%	5,19%
Specialized Cargo Ships	4,69%		11,76%	5,04%
Container Ships	1,21%		1,17%	1,20%
Ro-Ro Cargo Ships	3,13%	16,67%	1,55%	3,02%
Bulk Carriers	3,40%	6,25%	1,10%	3,13%
Oil and Chemical Tankers	2,07%	7,69%	1,04%	1,98%
Gas Tankers	1,01%			0,88%
Other Tankers	6,18%	50,00%	25,00%	7,81%
Passenger Ships	1,54%	5,88%	7,89%	1,96%
Offshore Vessels	5,11%		81,82%	7,38%
Service Ships	2,02%			1,43%
Tugs	1,89%			2,68%
Total	3,22%	8,94%	3,42%	3,39%

Source: Equasis - IACS membership on 31/12/2007 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

MEDIUM SHIPS

Table 78 - Medium^(*) ships detention rates^(*), by type and class - 2007

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	5,05%	10,64%	5,38%	5,37%
Specialized Cargo Ships	4,46%		12,50%	4,97%
Container Ships	1,41%		2,23%	1,47%
Ro-Ro Cargo Ships	4,47%	16,67%	3,57%	4,59%
Bulk Carriers	4,44%	6,25%	1,96%	4,07%
Oil and Chemical Tankers	3,08%	7,69%	1,23%	2,80%
Gas Tankers	1,48%			1,23%
Other Tankers	6,36%	50,00%	25,00%	8,02%
Passenger Ships	2,72%	5,88%	8,22%	3,33%
Offshore Vessels	5,14%		81,82%	7,42%
Service Ships	2,04%			1,44%
Tugs	1,89%			2,68%
Total	4,13%	9,01%	4,18%	4,31%

Source: Equasis - IACS membership on 31/12/2007 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

LARGE SHIPS

Table 79 - Large⁽¹⁾ ships detention rates^(*), by type and class - 2007

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships				
Specialized Cargo Ships	5,36%			5,26%
Container Ships	1,27%			1,19%
Ro-Ro Cargo Ships	2,34%			1,98%
Bulk Carriers	2,61%	6,45%		2,30%
Oil and Chemical Tankers	1,12%			1,06%
Gas Tankers	0,00%			
Other Tankers	0,00%			
Passenger Ships	0,28%			0,28%
Offshore Vessels				
Service Ships				
Tugs				
Total	1,80%	6,45%	0,00%	1,64%

Source: Equasis - IACS membership on 31/12/2007 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

VERY LARGE SHIPS

Table 80 - Very large⁽¹⁾ ships detention rates^(*), by type and class - 2007

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships				
Specialized Cargo Ships				
Container Ships	0,56%			0,52%
Ro-Ro Cargo Ships				
Bulk Carriers	2,77%			2,52%
Oil and Chemical Tankers	0,46%			0,45%
Gas Tankers	0,51%			0,50%
Other Tankers				
Passenger Ships				
Offshore Vessels				
Service Ships				
Tugs				
Total	1,16%			1,09%

Source: Equasis - IACS membership on 31/12/2007 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

Chapter 4

4. P&I

INTRODUCTION

Protection and Indemnity (P&I) Clubs provide third-party insurance cover to ship owners. Members of the International Group of P&I Clubs (IGP&I) provide Equasis with information on all vessels entered in their clubs which are issued with IMO numbers. It should be noted that there is a significant number of small ships of less than 100GT entered in International Group Clubs but as explained in Chapter 1.2 small ships are not included in the statistics which follow.

The following tables show the proportion of the fleet, in each size and type category, which is entered with those clubs (column headed IGP&I) compared to the proportion of ships which are either entered with a club which is not a member of the International Group or which are covered by commercial insurance for which information is unavailable or which are not covered by P&I insurance (column headed Non IGP&I).

In chapter 4.4 the fleet is analysed according to P&I and flag status. Flags are grouped in two categories, targeted and non-targeted. Those in the "targeted" group are the flags which appear on at least one of the targeted flag lists used in 2007 in the Port State Control regimes of the Paris MoU, Tokyo MoU and USCG (safety targeting). These lists are published annually and reflect the safety performance of ships under each flag as measured by the number of port state inspections and detentions recorded over a three-year period. Further details are included in the list of the respective Port State Control Annual Reports for 2004, 2005 and 2006. A list of the 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, Indian Ocean MoU (IO MoU) and USCG regions in 2007.

RESULTS

Graph 75 indicates that 58% of the Equasis fleet over 500GT for which data has been supplied is covered by one of the members of the International Group. This rises to 89% by tonnage.

Within the large and very large fleet over 95% is covered by the International Group. Within the medium fleet just under a half (48%) are entered in the Group clubs.

Comparing Graphs 83 with 91 reveals that the age profile of ships entered in Group clubs is considerable younger than those which are not. A quarter (25%) of the IGP&I fleet is under 5 years old and just one sixth (18%) is over 25 years old. Of the younger fleet, nearly a third is oil and chemical tankers (Table 89). This trend is more marked in the large and very large fleets. For non-IGP&I the comparable figures are 9% and 58%, with nearly a half of the older fleet being general cargo ships (Table 97).

Table 105 shows that more non-IGP&I ships are under targeted flags than under non-targeted flags whereas the reverse is true for the IGP&I fleet.

The safety performance of the Equasis fleet over 500 GT, as measured by detention rates, shows that 6.1% of inspections resulted in detention in 2007. Table 113 shows that ships outside the Group were more likely to be detained in 2007 than

those with inside the Group (13.5% compared with 4%). This position was reflected across all ship sizes.

4.1. P&I STATUS

WORLD FLEET GT≥500

Table 81 - P&I world fleet GT≥500 status : total number of ships, by type – 2007

Ship Type	IGP&I		Non IGP&I		Total	
	Number	%	Number	%	Number	%
General Cargo Ships	4 842	17,9%	8 511	44,1%	13 353	28,8%
Specialized Cargo Ships	135	0,5%	85	0,4%	220	0,5%
Container Ships	3 849	14,2%	459	2,4%	4 308	9,3%
Ro-Ro Cargo Ships	1 156	4,3%	441	2,3%	1 597	3,4%
Bulk Carriers	5 704	21,0%	1 354	7,0%	7 058	15,2%
Oil and Chemical Tankers	6 209	22,9%	2 811	14,6%	9 020	19,4%
Gas Tankers	982	3,6%	328	1,7%	1 310	2,8%
Other Tankers	93	0,3%	134	0,7%	227	0,5%
Passenger Ships	1 447	5,3%	1 517	7,9%	2 964	6,4%
Offshore Vessels	1 699	6,3%	1 523	7,9%	3 222	6,9%
Service Ships	611	2,3%	1 684	8,7%	2 295	4,9%
Tugs	385	1,4%	455	2,4%	840	1,8%
Total	27 112	100%	19 302	100%	46 414	100%

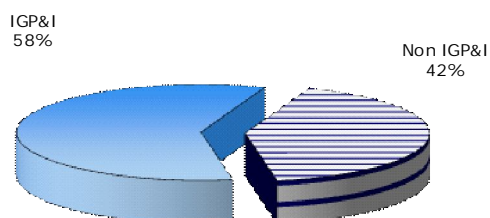
Source: Equasis

Table 82 - P&I world fleet GT≥500 status : gross tonnage (in 1000 t) of ships, by type - 2007

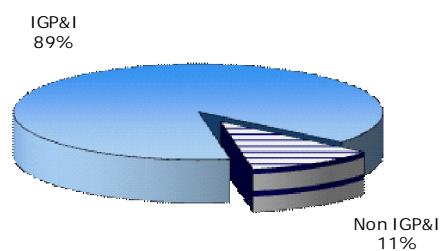
Ship Type	IGP&I		Non IGP&I		Total	
	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%
General Cargo Ships	35 425	5,2%	24 784	28,5%	60 209	7,8%
Specialized Cargo Ships	2 218	0,3%	310	0,4%	2 527	0,3%
Container Ships	119 886	17,5%	6 265	7,2%	126 151	16,3%
Ro-Ro Cargo Ships	35 044	5,1%	2 897	3,3%	37 941	4,9%
Bulk Carriers	198 106	28,9%	19 699	22,7%	217 805	28,2%
Oil and Chemical Tankers	218 337	31,9%	13 751	15,8%	232 088	30,1%
Gas Tankers	33 147	4,8%	1 066	1,2%	34 213	4,4%
Other Tankers	496	0,1%	267	0,3%	762	0,1%
Passenger Ships	24 711	3,6%	5 665	6,5%	30 376	3,9%
Offshore Vessels	13 264	1,9%	6 582	7,6%	19 846	2,6%
Service Ships	4 065	0,6%	5 245	6,0%	9 310	1,2%
Tugs	419	0,1%	422	0,5%	840	0,1%
Total	685 119	100%	86 951	100%	772 069	100%

Source: Equasis

Graph 75 - Number of ships GT≥500, by P&I status – 2007



Graph 76 - Gross tonnage of ships GT≥500, by P&I status – 2007



MEDIUM SHIPS

Table 83 - P&I status : total number of medium⁽¹⁾ ships, by type - 2007

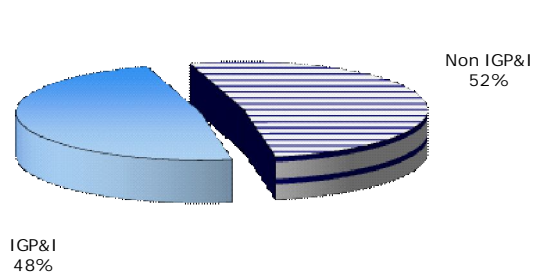
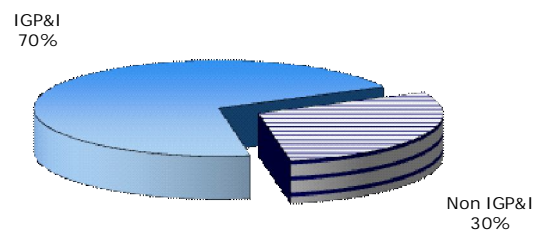
Ship Type	IGP&I		Non IGP&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	4 645	27,0%	8 508	45,2%	13 153	36,5%
Specialized Cargo Ships	100	0,6%	83	0,4%	183	0,5%
Container Ships	1 922	11,2%	398	2,1%	2 320	6,4%
Ro-Ro Cargo Ships	546	3,2%	429	2,3%	975	2,7%
Bulk Carriers	2 257	13,1%	1 142	6,1%	3 399	9,4%
Oil and Chemical Tankers	3 397	19,7%	2 704	14,4%	6 101	16,9%
Gas Tankers	593	3,4%	320	1,7%	913	2,5%
Other Tankers	89	0,5%	133	0,7%	222	0,6%
Passenger Ships	1 102	6,4%	1 507	8,0%	2 609	7,2%
Offshore Vessels	1 589	9,2%	1 474	7,8%	3 063	8,5%
Service Ships	581	3,4%	1 669	8,9%	2 250	6,2%
Tugs	385	2,2%	455	2,4%	840	2,3%
Total	17 206	100%	18 822	100%	36 028	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Table 84 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type - 2007

Ship Type	IGP&I		Non IGP&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	29 633	20,4%	24 680	40,1%	54 313	26,3%
Specialized Cargo Ships	955	0,7%	229	0,4%	1 184	0,6%
Container Ships	24 442	16,8%	2 785	4,5%	27 227	13,2%
Ro-Ro Cargo Ships	6 713	4,6%	2 443	4,0%	9 156	4,4%
Bulk Carriers	36 694	25,3%	11 256	18,3%	47 950	23,2%
Oil and Chemical Tankers	28 724	19,8%	6 915	11,2%	35 639	17,2%
Gas Tankers	3 956	2,7%	519	0,8%	4 475	2,2%
Other Tankers	368	0,3%	236	0,4%	604	0,3%
Passenger Ships	6 983	4,8%	5 181	8,4%	12 164	5,9%
Offshore Vessels	3 562	2,5%	2 255	3,7%	5 817	2,8%
Service Ships	2 619	1,8%	4 696	7,6%	7 315	3,5%
Tugs	419	0,3%	422	0,7%	840	0,4%
Total	145 068	100%	61 617	100%	206 685	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 77 - Number of medium ships, by P&I status – 2007

Graph 78 - Gross tonnage of medium ships, by P&I status – 2007


LARGE SHIPS

Table 85 - P&I status : total number of large⁽¹⁾ ships, by type - 2007

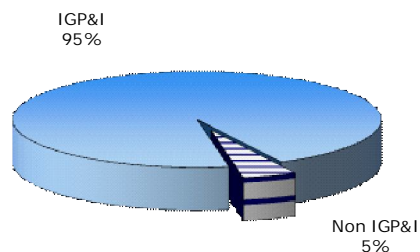
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	197	2,8%	3	0,8%	200	2,7%
Specialized Cargo Ships	34	0,5%	2	0,6%	36	0,5%
Container Ships	1 410	19,8%	35	9,7%	1 445	19,3%
Ro-Ro Cargo Ships	549	7,7%	10	2,8%	559	7,5%
Bulk Carriers	2 679	37,7%	188	52,1%	2 867	38,4%
Oil and Chemical Tankers	1 770	24,9%	77	21,3%	1 847	24,7%
Gas Tankers	169	2,4%	5	1,4%	174	2,3%
Other Tankers	4	0,1%	1	0,3%	5	0,1%
Passenger Ships	245	3,4%	7	1,9%	252	3,4%
Offshore Vessels	31	0,4%	18	5,0%	49	0,7%
Service Ships	23	0,3%	15	4,2%	38	0,5%
Tugs						
Total	7 111	100%	361	100%	7 472	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 86 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type - 2007

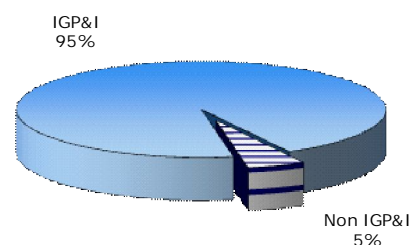
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	5 792	2,2%	104	0,8%	5 896	2,1%
Specialized Cargo Ships	1 185	0,4%	81	0,6%	1 266	0,5%
Container Ships	54 402	20,3%	1 280	9,6%	55 682	19,8%
Ro-Ro Cargo Ships	24 432	9,1%	329	2,5%	24 761	8,8%
Bulk Carriers	94 001	35,1%	6 366	47,8%	100 367	35,7%
Oil and Chemical Tankers	69 415	25,9%	3 433	25,8%	72 848	25,9%
Gas Tankers	7 136	2,7%	227	1,7%	7 363	2,6%
Other Tankers	128	0,0%	30	0,2%	158	0,1%
Passenger Ships	8 695	3,2%	227	1,7%	8 922	3,2%
Offshore Vessels	1 463	0,5%	694	5,2%	2 157	0,8%
Service Ships	951	0,4%	549	4,1%	1 499	0,5%
Tugs						
Total	267 600	100%	13 321	100%	280 920	100%

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

Graph 79 - Number of large ships, by P&I status – 2007



Graph 80 - Gross tonnage of large ships, by P&I status – 2007



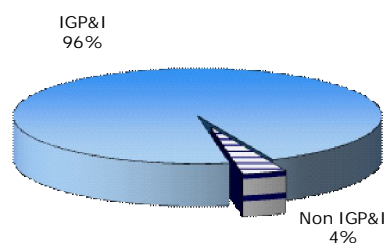
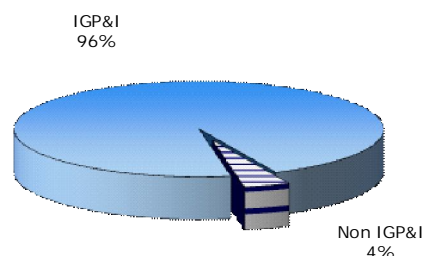
VERY LARGE SHIPS

Table 87 - P&I status : total number of very large⁽¹⁾ ships, by type - 2007

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships	1	0,0%			1	0,0%
Container Ships	517	18,5%	26	22%	543	18,6%
Ro-Ro Cargo Ships	61	2,2%	2	2%	63	2,2%
Bulk Carriers	768	27,5%	24	20%	792	27,2%
Oil and Chemical Tankers	1 042	37,3%	30	25%	1 072	36,8%
Gas Tankers	220	7,9%	3	3%	223	7,7%
Other Tankers						
Passenger Ships	100	3,6%	3	3%	103	3,5%
Offshore Vessels	79	2,8%	31	26%	110	3,8%
Service Ships	7	0,3%			7	0,2%
Tugs						
Total	2 795	100%	119	100%	2 914	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Table 88 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type - 2007**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships	78	0,0%			78	0,0%
Container Ships	41 042	15,1%	2 200	18,3%	43 241	15,2%
Ro-Ro Cargo Ships	3 899	1,4%	125	1,0%	4 024	1,4%
Bulk Carriers	67 411	24,7%	2 077	17,3%	69 488	24,4%
Oil and Chemical Tankers	120 198	44,1%	3 402	28,3%	123 601	43,5%
Gas Tankers	22 056	8,1%	319	2,7%	22 375	7,9%
Other Tankers						
Passenger Ships	9 033	3,3%	257	2,1%	9 290	3,3%
Offshore Vessels	8 239	3,0%	3 633	30,2%	11 872	4,2%
Service Ships	496	0,2%			496	0,2%
Tugs						
Total	272 451	100%	12 013	100%	284 464	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Graph 81 - Number of very large ships, by P&I status – 2007****Graph 82 - Gross tonnage of very large ships, by P&I status – 2007**

4.2. IGP&I AND AGE

WORLD FLEET GT≥500

Table 89 - IGP&I world fleet GT≥500 : total number of ships, by type and age – 2007

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	811	11,8%	1 513	17,0%	1 613	24,5%	905	19,0%	4 842	17,9%
Specialized Cargo Ships	9	0,1%	26	0,3%	46	0,7%	54	1,1%	135	0,5%
Container Ships	1 301	18,9%	1 679	18,9%	629	9,6%	240	5,0%	3 849	14,2%
Ro-Ro Cargo Ships	212	3,1%	325	3,7%	333	5,1%	286	6,0%	1 156	4,3%
Bulk Carriers	1 270	18,5%	2 065	23,2%	1 407	21,4%	962	20,2%	5 704	21,0%
Oil and Chemical Tankers	2 207	32,1%	1 956	22,0%	1 423	21,7%	623	13,1%	6 209	22,9%
Gas Tankers	257	3,7%	319	3,6%	223	3,4%	183	3,8%	982	3,6%
Other Tankers	15	0,2%	19	0,2%	27	0,4%	32	0,7%	93	0,3%
Passenger Ships	181	2,6%	459	5,2%	313	4,8%	494	10,4%	1 447	5,3%
Offshore Vessels	482	7,0%	336	3,8%	346	5,3%	535	11,2%	1 699	6,3%
Service Ships	53	0,8%	133	1,5%	175	2,7%	250	5,3%	611	2,3%
Tugs	80	1,2%	72	0,8%	37	0,6%	196	4,1%	385	1,4%
Total	6 878	100%	8 902	100%	6 572	100%	4 760	100%	27 112	100%

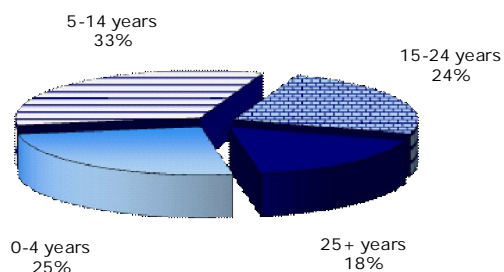
Source: Equasis

Table 90 - P&I whole fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and age - 2007

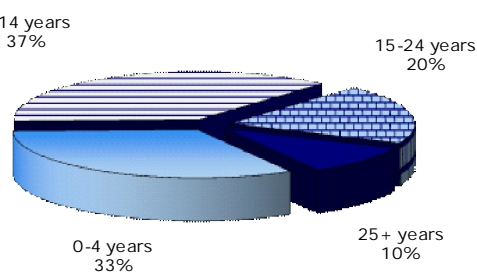
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 817	2,6%	11 345	4,5%	11 110	8,0%	7 153	10,3%	35 425	5,2%
Specialized Cargo Ships	128	0,1%	302	0,1%	909	0,7%	878	1,3%	2 218	0,3%
Container Ships	51 348	22,9%	47 070	18,6%	16 316	11,8%	5 151	7,4%	119 886	17,5%
Ro-Ro Cargo Ships	9 735	4,3%	10 106	4,0%	8 871	6,4%	6 331	9,1%	35 044	5,1%
Bulk Carriers	52 654	23,5%	75 730	30,0%	47 022	34,0%	22 701	32,6%	198 106	28,9%
Oil and Chemical Tankers	81 752	36,4%	84 669	33,5%	42 291	30,6%	9 625	13,8%	218 337	31,9%
Gas Tankers	14 238	6,3%	9 270	3,7%	4 180	3,0%	5 460	7,8%	33 147	4,8%
Other Tankers	130	0,1%	162	0,1%	126	0,1%	78	0,1%	496	0,1%
Passenger Ships	5 715	2,5%	10 418	4,1%	4 502	3,3%	4 077	5,9%	24 711	3,6%
Offshore Vessels	2 267	1,0%	2 239	0,9%	1 873	1,4%	6 884	9,9%	13 264	1,9%
Service Ships	409	0,2%	1 437	0,6%	1 144	0,8%	1 076	1,5%	4 065	0,6%
Tugs	103	0,0%	77	0,0%	47	0,0%	193	0,3%	419	0,1%
Total	224 297	100%	252 824	100%	138 391	100%	69 607	100%	685 119	100%

Source: Equasis

Graph 83 - IGP&I world fleet GT≥500, by age – 2007



Graph 84 - Gross tonnage of IGP&I world fleet GT≥500, by age – 2007



MEDIUM SHIPS

Table 91 - IGP&I : total number of medium⁽¹⁾ ships, by type and age - 2007

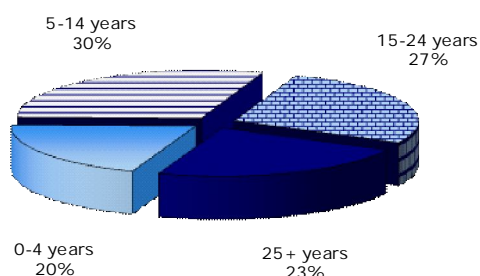
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	790	23,3%	1 432	27,7%	1 559	33,3%	864	21,9%	4 645	27,0%
Specialized Cargo Ships	9	0,3%	23	0,4%	30	0,6%	38	1,0%	100	0,6%
Container Ships	492	14,5%	940	18,2%	342	7,3%	148	3,8%	1 922	11,2%
Ro-Ro Cargo Ships	41	1,2%	163	3,1%	164	3,5%	178	4,5%	546	3,2%
Bulk Carriers	289	8,5%	554	10,7%	741	15,8%	673	17,1%	2 257	13,1%
Oil and Chemical Tankers	967	28,5%	1 014	19,6%	884	18,9%	532	13,5%	3 397	19,7%
Gas Tankers	94	2,8%	222	4,3%	173	3,7%	104	2,6%	593	3,4%
Other Tankers	13	0,4%	17	0,3%	27	0,6%	32	0,8%	89	0,5%
Passenger Ships	103	3,0%	300	5,8%	235	5,0%	464	11,8%	1 102	6,4%
Offshore Vessels	469	13,8%	314	6,1%	330	7,0%	476	12,1%	1 589	9,2%
Service Ships	50	1,5%	124	2,4%	166	3,5%	241	6,1%	581	3,4%
Tugs	80	2,4%	72	1,4%	37	0,8%	196	5,0%	385	2,2%
Total	3 397	100%	5 175	100%	4 688	100%	3 946	100%	17 206	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 92 - IGP&I : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age - 2007

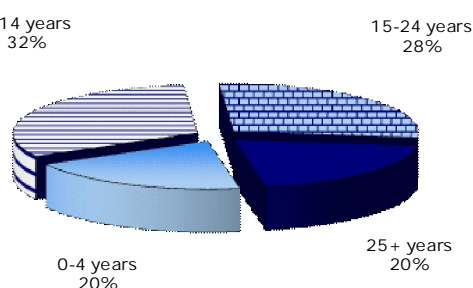
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 139	17,9%	8 874	19,3%	9 594	23,5%	6 027	20,4%	29 633	20,4%
Specialized Cargo Ships	128	0,4%	182	0,4%	311	0,8%	333	1,1%	955	0,7%
Container Ships	5 949	20,8%	11 900	25,8%	4 572	11,2%	2 021	6,8%	24 442	16,8%
Ro-Ro Cargo Ships	665	2,3%	2 095	4,5%	1 698	4,2%	2 255	7,6%	6 713	4,6%
Bulk Carriers	4 683	16,3%	8 687	18,9%	13 471	33,0%	9 853	33,3%	36 694	25,3%
Oil and Chemical Tankers	9 220	32,2%	8 894	19,3%	7 002	17,2%	3 608	12,2%	28 724	19,8%
Gas Tankers	756	2,6%	1 509	3,3%	1 114	2,7%	577	2,0%	3 955	2,7%
Other Tankers	64	0,2%	101	0,2%	126	0,3%	78	0,3%	369	0,3%
Passenger Ships	465	1,6%	1 999	4,3%	1 402	3,4%	3 117	10,5%	6 983	4,8%
Offshore Vessels	1 235	4,3%	852	1,8%	681	1,7%	793	2,7%	3 562	2,5%
Service Ships	252	0,9%	896	1,9%	781	1,9%	690	2,3%	2 619	1,8%
Tugs	103	0,4%	77	0,2%	47	0,1%	193	0,7%	419	0,3%
Total	28 659	100%	46 066	100%	40 799	100%	29 545	100%	145 068	100%

Source: Equasis EMSA - ⁽¹⁾ 500≤GT<25.000

Graph 85 - IGP&I medium ships, by age – 2007



Graph 86 - Gross tonnage of IGP&I medium ships, by age – 2007



LARGE SHIPS

Table 93 - IGP&I : total number of large⁽¹⁾ ships, by type and age - 2007

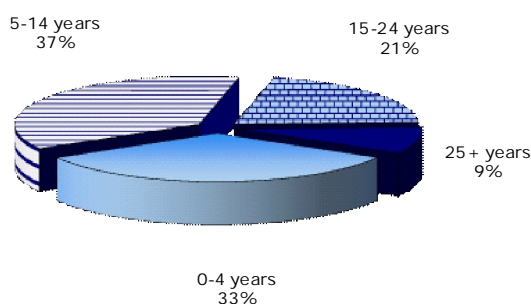
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	21	0,9%	81	3,1%	54	3,6%	41	6,5%	197	2,8%
Specialized Cargo Ships			3	0,1%	15	1,0%	16	2,5%	34	0,5%
Container Ships	507	21,4%	529	20,2%	282	19,0%	92	14,5%	1 410	19,8%
Ro-Ro Cargo Ships	129	5,4%	146	5,6%	166	11,2%	108	17,0%	549	7,7%
Bulk Carriers	763	32,2%	1 202	45,8%	480	32,4%	234	36,9%	2 679	37,7%
Oil and Chemical Tankers	851	35,9%	502	19,1%	362	24,4%	55	8,7%	1 770	24,9%
Gas Tankers	53	2,2%	38	1,4%	35	2,4%	43	6,8%	169	2,4%
Other Tankers	2	0,1%	2	0,1%					4	0,1%
Passenger Ships	41	1,7%	105	4,0%	70	4,7%	29	4,6%	245	3,4%
Offshore Vessels	4	0,2%	11	0,4%	8	0,5%	8	1,3%	31	0,4%
Service Ships	2	0,1%	3	0,1%	9	0,6%	9	1,4%	23	0,3%
Tugs										
Total	2 373	100%	2 622	100%	1 481	100%	635	100%	7 111	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 94 - IGP&I : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age - 2007

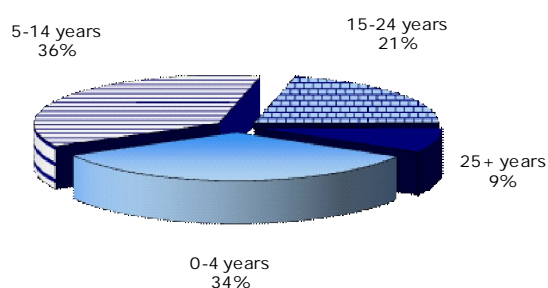
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	678	0,7%	2 471	2,5%	1 516	2,7%	1 126	5,0%	5 792	2,2%
Specialized Cargo Ships			120	0,1%	520	0,9%	545	2,4%	1 185	0,4%
Container Ships	19 632	21,7%	20 205	20,7%	11 435	20,1%	3 130	13,8%	54 402	20,3%
Ro-Ro Cargo Ships	6 458	7,1%	6 925	7,1%	6 973	12,3%	4 076	18,0%	24 432	9,1%
Bulk Carriers	27 771	30,7%	41 064	42,1%	16 655	29,3%	8 511	37,5%	94 001	35,1%
Oil and Chemical Tankers	31 845	35,2%	20 622	21,1%	14 977	26,3%	1 970	8,7%	69 415	25,9%
Gas Tankers	2 215	2,4%	1 676	1,7%	1 524	2,7%	1 721	7,6%	7 136	2,7%
Other Tankers	66	0,1%	62	0,1%					128	0,0%
Passenger Ships	1 508	1,7%	3 764	3,9%	2 534	4,5%	890	3,9%	8 695	3,2%
Offshore Vessels	167	0,2%	566	0,6%	389	0,7%	342	1,5%	1 463	0,5%
Service Ships	88	0,1%	115	0,1%	363	0,6%	385	1,7%	951	0,4%
Tugs										
Total	90 428	100%	97 588	100%	56 886	100%	22 697	100%	267 600	100%

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

Graph 87 - IGP&I large ships, by age – 2007



Graph 88 - Gross tonnage of IGP&I large ships, by age – 2007



VERY LARGE SHIPS

Table 95 - IGP&I : total number of very large⁽¹⁾ ships, by type and age - 2007

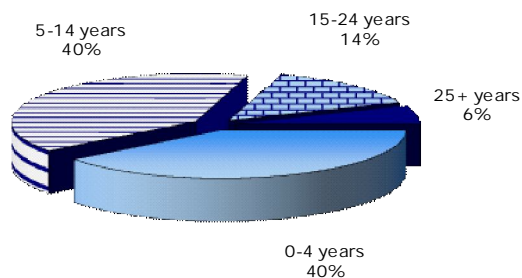
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships					1	0,2%			1	0,0%
Container Ships	302	27,3%	210	19,0%	5	1,2%			517	18,5%
Ro-Ro Cargo Ships	42	3,8%	16	1,4%	3	0,7%			61	2,2%
Bulk Carriers	218	19,7%	309	28,0%	186	46,2%	55	30,7%	768	27,5%
Oil and Chemical Tankers	389	35,1%	440	39,8%	177	43,9%	36	20,1%	1 042	37,3%
Gas Tankers	110	9,9%	59	5,3%	15	3,7%	36	20,1%	220	7,9%
Other Tankers										
Passenger Ships	37	3,3%	54	4,9%	8	2,0%	1	0,6%	100	3,6%
Offshore Vessels	9	0,8%	11	1,0%	8	2,0%	51	28,5%	79	2,8%
Service Ships	1	0,1%	6	0,5%					7	0,3%
Tugs										
Total	1 108	100%	1 105	100%	403	100%	179	100%	2 795	100%

Source: Equasis - ⁽¹⁾ GT≥60.000Table 96 - IGP&I : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2007

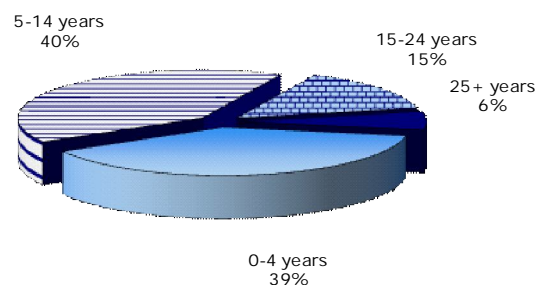
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships					78	0,2%				
Container Ships	25 767	24,5%	14 966	13,7%	310	0,8%			41 042	15,1%
Ro-Ro Cargo Ships	2 612	2,5%	1 086	1,0%	200	0,5%			3 899	1,4%
Bulk Carriers	20 200	19,2%	25 978	23,8%	16 895	41,5%	4 337	25,0%	67 411	24,7%
Oil and Chemical Tankers	40 687	38,7%	55 152	50,5%	20 313	49,9%	4 047	23,3%	120 198	44,1%
Gas Tankers	11 267	10,7%	6 085	5,6%	1 541	3,8%	3 162	18,2%	22 056	8,1%
Other Tankers										
Passenger Ships	3 742	3,6%	4 655	4,3%	566	1,4%	70	0,4%	9 033	3,3%
Offshore Vessels	865	0,8%	821	0,8%	804	2,0%	5 749	33,1%	8 239	3,0%
Service Ships	69	0,1%	426	0,4%					496	0,2%
Tugs										
Total	105 209	100%	109 170	100%	40 706	100%	17 365	100%	272 373	100%

Source: Equasis - ⁽¹⁾ GT≥60.000

Graph 89 - IGP&I very large ships, by age – 2007



Graph 90 - Gross tonnage of IGP&I very large ships, by age – 2007



4.3. NON IGP&I AND AGE

WHOLE FLEET

Table 97 - Non IGP&I world fleet GT≥500: total number of ships, by type and age – 2007

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	610	35,7%	725	32,1%	1 885	45,7%	5 291	47,2%	8 511	44,1%
Specialized Cargo Ships	4	0,2%	2	0,1%	11	0,3%	68	0,6%	85	0,4%
Container Ships	119	7,0%	130	5,8%	61	1,5%	149	1,3%	459	2,4%
Ro-Ro Cargo Ships	33	1,9%	67	3,0%	87	2,1%	254	2,3%	441	2,3%
Bulk Carriers	110	6,4%	119	5,3%	341	8,3%	784	7,0%	1 354	7,0%
Oil and Chemical Tankers	228	13,4%	335	14,8%	569	13,8%	1 679	15,0%	2 811	14,6%
Gas Tankers	30	1,8%	59	2,6%	80	1,9%	159	1,4%	328	1,7%
Other Tankers	5	0,3%	17	0,8%	37	0,9%	75	0,7%	134	0,7%
Passenger Ships	127	7,4%	321	14,2%	343	8,3%	726	6,5%	1 517	7,9%
Offshore Vessels	284	16,6%	184	8,1%	255	6,2%	800	7,1%	1 523	7,9%
Service Ships	118	6,9%	256	11,3%	364	8,8%	946	8,4%	1 684	8,7%
Tugs	39	2,3%	45	2,0%	90	2,2%	281	2,5%	455	2,4%
Total	1 707	100%	2 260	100%	4 123	100%	11 212	100%	19 302	100%

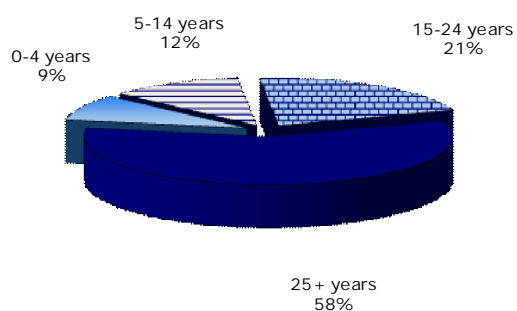
Source: Equasis

Table 98 - Non IGP&I world fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and age - 2007

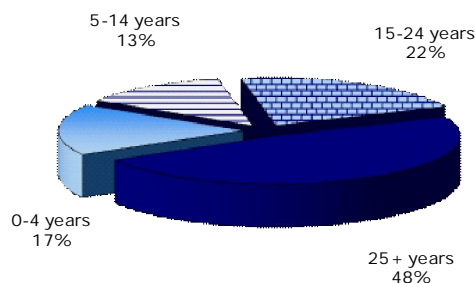
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 621	10,8%	2 001	17,6%	5 700	30,5%	15 462	36,9%	24 784	28,5%
Specialized Cargo Ships	17	0,1%	6	0,0%	68	0,4%	219	0,5%	310	0,4%
Container Ships	2 852	19,0%	1 557	13,7%	692	3,7%	1 165	2,8%	6 265	7,2%
Ro-Ro Cargo Ships	530	3,5%	496	4,4%	478	2,6%	1 393	3,3%	2 897	3,3%
Bulk Carriers	3 493	23,3%	974	8,6%	4 905	26,2%	10 328	24,6%	19 699	22,7%
Oil and Chemical Tankers	2 491	16,6%	1 832	16,2%	3 727	19,9%	5 700	13,6%	13 751	15,8%
Gas Tankers	296	2,0%	190	1,7%	180	1,0%	400	1,0%	1 066	1,2%
Other Tankers	12	0,1%	21	0,2%	51	0,3%	182	0,4%	267	0,3%
Passenger Ships	709	4,7%	1 322	11,7%	1 214	6,5%	2 420	5,8%	5 665	6,5%
Offshore Vessels	2 236	14,9%	1 879	16,6%	594	3,2%	1 873	4,5%	6 582	7,6%
Service Ships	706	4,7%	1 014	8,9%	1 000	5,4%	2 524	6,0%	5 245	6,0%
Tugs	50	0,3%	48	0,4%	86	0,5%	238	0,6%	422	0,5%
Total	15 013	100%	11 339	100%	18 695	100%	41 904	100%	86 951	100%

Source: Equasis

Graph 91 - Non IGP&I world fleet GT≥500, by age – 2007



Graph 92 - Gross tonnage of non IGP&I world fleet GT≥500, by age – 2007



MEDIUM SHIPS

Table 99 - Non IGP&I : total number of medium⁽¹⁾ ships, by type and age - 2007

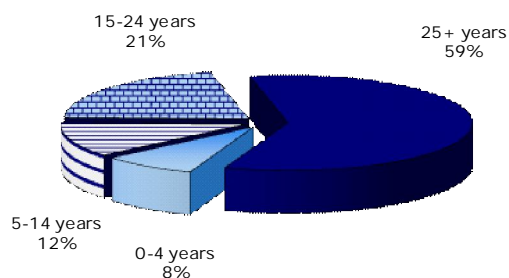
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	610	39,1%	724	33,2%	1 883	47,2%	5 291	47,7%	8 508	45,2%
Specialized Cargo Ships	4	0,3%	2	0,1%	10	0,3%	67	0,6%	83	0,4%
Container Ships	87	5,6%	118	5,4%	54	1,4%	139	1,3%	398	2,1%
Ro-Ro Cargo Ships	27	1,7%	65	3,0%	86	2,2%	251	2,3%	429	2,3%
Bulk Carriers	45	2,9%	107	4,9%	268	6,7%	722	6,5%	1 142	6,1%
Oil and Chemical Tankers	206	13,2%	319	14,6%	530	13,3%	1 649	14,9%	2 704	14,4%
Gas Tankers	28	1,8%	58	2,7%	79	2,0%	155	1,4%	320	1,7%
Other Tankers	5	0,3%	17	0,8%	37	0,9%	74	0,7%	133	0,7%
Passenger Ships	124	7,9%	317	14,5%	343	8,6%	723	6,5%	1 507	8,0%
Offshore Vessels	271	17,4%	161	7,4%	251	6,3%	791	7,1%	1 474	7,8%
Service Ships	114	7,3%	250	11,5%	362	9,1%	943	8,5%	1 669	8,9%
Tugs	39	2,5%	45	2,1%	90	2,3%	281	2,5%	455	2,4%
Total	1 560	100%	2 183	100%	3 993	100%	11 086	100%	18 822	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 100 - Non IGP&I : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age - 2007

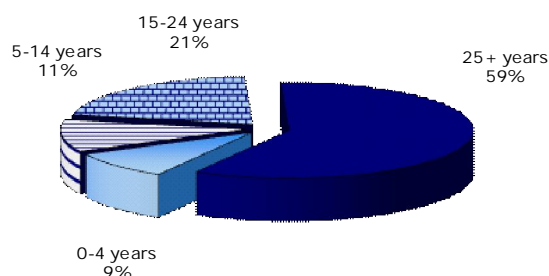
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 621	28,6%	1 965	29,7%	5 631	43,6%	15 462	42,5%	24 680	40,1%
Specialized Cargo Ships	17	0,3%	6	0,1%	25	0,2%	181	0,5%	229	0,4%
Container Ships	825	14,6%	762	11,5%	404	3,1%	795	2,2%	2 785	4,5%
Ro-Ro Cargo Ships	276	4,9%	412	6,2%	448	3,5%	1 307	3,6%	2 443	4,0%
Bulk Carriers	380	6,7%	474	7,2%	2 237	17,3%	8 166	22,4%	11 256	18,3%
Oil and Chemical Tankers	773	13,7%	605	9,1%	1 381	10,7%	4 156	11,4%	6 915	11,2%
Gas Tankers	80	1,4%	86	1,3%	130	1,0%	223	0,6%	519	0,8%
Other Tankers	12	0,2%	21	0,3%	51	0,4%	152	0,4%	236	0,4%
Passenger Ships	552	9,8%	1 103	16,6%	1 214	9,4%	2 312	6,4%	5 181	8,4%
Offshore Vessels	530	9,4%	364	5,5%	383	3,0%	978	2,7%	2 255	3,7%
Service Ships	547	9,7%	780	11,8%	934	7,2%	2 434	6,7%	4 696	7,6%
Tugs	50	0,9%	48	0,7%	86	0,7%	238	0,7%	422	0,7%
Total	5 665	100%	6 625	100%	12 924	100%	36 403	100%	61 617	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 93 - Non IGP&I medium ships, by age – 2007



Graph 94 - Gross tonnage of non IGP&I medium ships, by age – 2007



LARGE SHIPS

Table 101 - Non IGP&I : total number of large⁽¹⁾ ships, by type and age - 2007

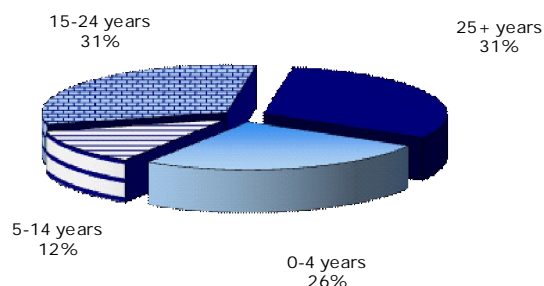
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			1	2,3%	2	1,8%			3	0,8%
Specialized Cargo Ships					1	0,9%	1	0,9%	2	0,6%
Container Ships	16	17,2%	2	4,7%	7	6,1%	10	9,0%	35	9,7%
Ro-Ro Cargo Ships	4	4,3%	2	4,7%	1	0,9%	3	2,7%	10	2,8%
Bulk Carriers	52	55,9%	10	23,3%	67	58,8%	59	53,2%	188	52,1%
Oil and Chemical Tankers	12	12,9%	9	20,9%	31	27,2%	25	22,5%	77	21,3%
Gas Tankers					1	0,9%	4	3,6%	5	1,4%
Other Tankers							1	0,9%	1	0,3%
Passenger Ships	2	2,2%	2	4,7%	0	0,0%	3	2,7%	7	1,9%
Offshore Vessels	3	3,2%	11	25,6%	2	1,8%	2	1,8%	18	5,0%
Service Ships	4	4,3%	6	14,0%	2	1,8%	3	2,7%	15	4,2%
Tugs										
Total	93	100%	43	100%	114	100%	111	100%	361	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 102 - Non IGP&I : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age - 2007

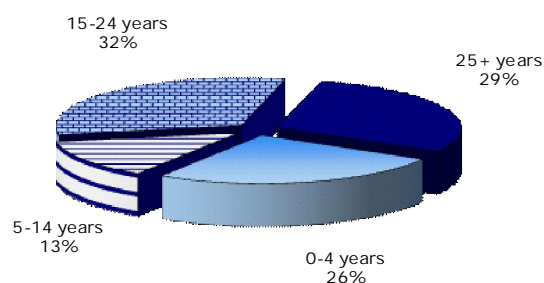
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			36	2,1%	68	1,6%			104	0,8%
Specialized Cargo Ships					43	1,0%	39	1,0%	81	0,6%
Container Ships	560	16,3%	62	3,6%	288	6,8%	370	9,4%	1 280	9,6%
Ro-Ro Cargo Ships	129	3,8%	83	4,8%	31	0,7%	86	2,2%	329	2,5%
Bulk Carriers	1 921	56,0%	339	19,7%	2 154	50,8%	1 952	49,7%	6 366	47,8%
Oil and Chemical Tankers	482	14,1%	466	27,0%	1 473	34,7%	1 012	25,8%	3 433	25,8%
Gas Tankers					50	1,2%	177	4,5%	227	1,7%
Other Tankers							30	0,8%	30	0,2%
Passenger Ships	66	1,9%	53	3,1%			108	2,8%	227	1,7%
Offshore Vessels	111	3,2%	449	26,1%	71	1,7%	62	1,6%	694	5,2%
Service Ships	158	4,6%	234	13,6%	66	1,6%	90	2,3%	549	4,1%
Tugs										
Total	3 428	100%	1 722	100%	4 244	100%	3 926	100%	13 321	100%

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

Graph 95 - Non IGP&I large ships, by age – 2007



Graph 96 - Gross tonnage of non IGP&I large ships, by age – 2007



VERY LARGE SHIPS

Table 103 - Non IGP&I : total number of very large⁽¹⁾ ships, by type and age - 2007

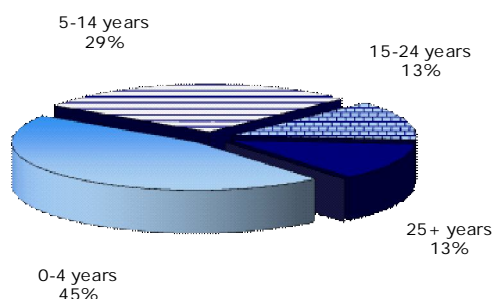
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	16	29,6%	10	29,4%					26	21,8%
Ro-Ro Cargo Ships	2	3,7%							2	1,7%
Bulk Carriers	13	24,1%	2	5,9%	6	37,5%	3	20,0%	24	20,2%
Oil and Chemical Tankers	10	18,5%	7	20,6%	8	50,0%	5	33,3%	30	25,2%
Gas Tankers	2	3,7%	1	2,9%					3	2,5%
Other Tankers										
Passenger Ships	1	1,9%	2	5,9%					3	2,5%
Offshore Vessels	10	18,5%	12	35,3%	2	12,5%	7	46,7%	31	26,1%
Service Ships										
Tugs										
Total	54	100%	34	100%	16	100%	15	100%	119	100%

Source: Equasis - ⁽¹⁾ GT≥60.000Table 104 - Non IGP&I : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2007

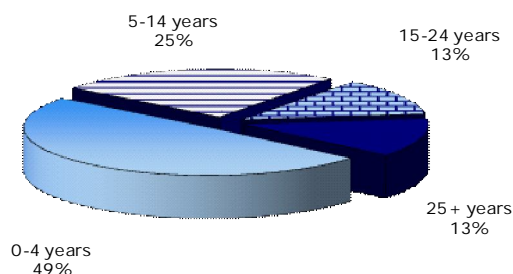
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	1 466	24,8%	733	24,5%					2 200	18,3%
Ro-Ro Cargo Ships	125	2,1%							125	1,0%
Bulk Carriers	1 192	20,1%	161	5,4%	513	33,6%	210	13,3%	2 077	17,3%
Oil and Chemical Tankers	1 236	20,9%	761	25,4%	873	57,2%	532	33,8%	3 402	28,3%
Gas Tankers	216	3,6%	104	3,5%					319	2,7%
Other Tankers										
Passenger Ships	90	1,5%	167	5,6%					257	2,1%
Offshore Vessels	1 595	26,9%	1 066	35,6%	140	9,2%	833	52,9%	3 633	30,2%
Service Ships										
Tugs										
Total	5 920	100%	2 992	100%	1 527	100%	1 575	100%	12 013	100%

Source: Equasis - ⁽¹⁾ GT≥60.000

Graph 97 - Non IGP&I very large ships, by age – 2007



Graph 98 - Gross tonnage of non IGP&I very large ships, by age – 2007



4.4. P&I AND FLAG

WORLD FLEET GT≥500

Table 105 - P&I world fleet GT≥500 status : total number of ships, by type and flag– 2007

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	2 681	21,1%	5 567	55,4%	8 248	2 161	15,0%	2 944	31,8%	5 105
Specialized Cargo Ships	60	0,5%	61	0,6%	121	75	0,5%	24	0,3%	99
Container Ships	1 753	13,8%	251	2,5%	2 004	2 096	14,6%	208	2,2%	2 304
Ro-Ro Cargo Ships	634	5,0%	233	2,3%	867	522	3,6%	208	2,2%	730
Bulk Carriers	3 006	23,7%	708	7,1%	3 714	2 698	18,7%	646	7,0%	3 344
Oil and Chemical Tankers	2 732	21,5%	1 342	13,4%	4 074	3 477	24,1%	1 469	15,9%	4 946
Gas Tankers	405	3,2%	88	0,9%	493	577	4,0%	240	2,6%	817
Other Tankers	45	0,4%	77	0,8%	122	48	0,3%	57	0,6%	105
Passenger Ships	456	3,6%	509	5,1%	965	991	6,9%	1 008	10,9%	1 999
Offshore Vessels	639	5,0%	487	4,9%	1 126	1 060	7,4%	1 036	11,2%	2 096
Service Ships	178	1,4%	541	5,4%	719	433	3,0%	1 143	12,3%	1 576
Tugs	119	0,9%	176	1,8%	295	266	1,8%	279	3,0%	545
Total	12 708	100%	10 040	100%	22 748	14 404	100%	9 262	100%	23 666

Source: Equasis

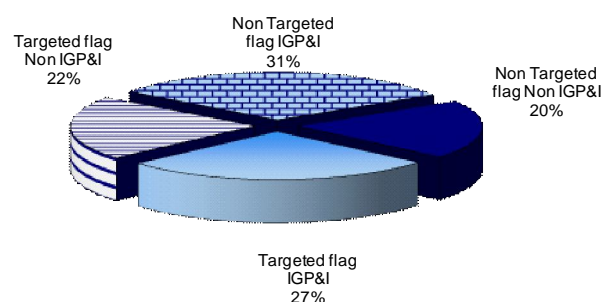
Table 106 - P&I world fleet GT≥500 status : gross tonnage (in 1000 t) of ships, by type and flag - 2007

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	17 599	5,9%	16 083	36,1%	33 682	17 826	4,6%	8 701	20,5%	26 527
Specialized Cargo Ships	1 238	0,4%	175	0,4%	1 414	979	0,3%	134	0,3%	1 114
Container Ships	51 870	17,5%	3 218	7,2%	55 088	68 015	17,5%	3 047	7,2%	71 062
Ro-Ro Cargo Ships	20 532	6,9%	1 637	3,7%	22 169	14 512	3,7%	1 260	3,0%	15 772
Bulk Carriers	103 863	35,1%	11 117	24,9%	114 980	94 244	24,2%	8 582	20,3%	102 825
Oil and Chemical Tankers	78 142	26,4%	6 709	15,0%	84 852	140 195	36,1%	7 041	16,6%	147 236
Gas Tankers	8 571	2,9%	477	1,1%	9 047	24 577	6,3%	589	1,4%	25 166
Other Tankers	111	0,0%	167	0,4%	278	385	0,1%	100	0,2%	484
Passenger Ships	8 974	3,0%	1 979	4,4%	10 953	15 738	4,0%	3 686	8,7%	19 424
Offshore Vessels	4 554	1,5%	1 361	3,1%	5 914	8 710	2,2%	5 222	12,3%	13 932
Service Ships	691	0,2%	1 461	3,3%	2 152	3 374	0,9%	3 783	8,9%	7 157
Tugs	155	0,1%	203	0,5%	358	264	0,1%	219	0,5%	483
Total	296 300	100%	44 588	100%	340 888	388 819	100%	42 363	100%	431 182

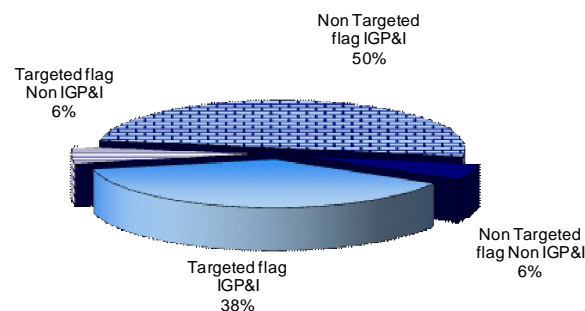
Source:

Equasis

Graph 99 - Total number of ships GT≥500, by P&I status and flag – 2007



Graph 100 - Gross tonnage of ships GT≥500, by P&I status and flag – 2007



MEDIUM SHIPS

Table 107 - P&I status : total number of medium⁽¹⁾ ships, by type and flag- 2007

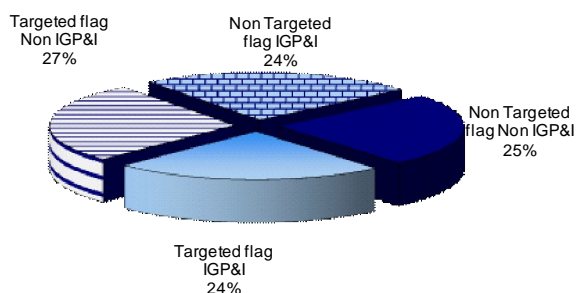
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	2 636	31,0%	5 566	56,7%	8 202	2 009	23,1%	2 942	32,7%	4 951
Specialized Cargo Ships	36	0,4%	61	0,6%	97	64	0,7%	22	0,2%	86
Container Ships	998	11,7%	225	2,3%	1 223	924	10,6%	173	1,9%	1 097
Ro-Ro Cargo Ships	262	3,1%	225	2,3%	487	284	3,3%	204	2,3%	488
Bulk Carriers	1 247	14,6%	590	6,0%	1 837	1 010	11,6%	552	6,1%	1 562
Oil and Chemical Tankers	1 790	21,0%	1 299	13,2%	3 089	1 607	18,5%	1 405	15,6%	3 012
Gas Tankers	292	3,4%	83	0,8%	375	301	3,5%	237	2,6%	538
Other Tankers	45	0,5%	76	0,8%	121	44	0,5%	57	0,6%	101
Passenger Ships	313	3,7%	505	5,1%	818	789	9,1%	1 002	11,1%	1 791
Offshore Vessels	599	7,0%	478	4,9%	1 077	990	11,4%	996	11,1%	1 986
Service Ships	177	2,1%	540	5,5%	717	404	4,6%	1 129	12,5%	1 533
Tugs	119	1,4%	176	1,8%	295	266	3,1%	279	3,1%	545
Total	8 514	100%	9 824	100%	18 338	8 692	100%	8 998	100%	17 690

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 108 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag- 2007

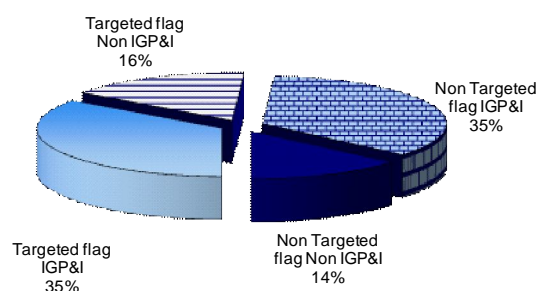
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	16 249	22,5%	16 045	48,2%	32 294	13 384	18,4%	8 635	30,5%	22 019
Specialized Cargo Ships	399	0,6%	175	0,5%	575	556	0,8%	53	0,2%	609
Container Ships	12 400	17,2%	1 540	4,6%	13 940	12 041	16,5%	1 246	4,4%	13 287
Ro-Ro Cargo Ships	3 235	4,5%	1 294	3,9%	4 529	3 478	4,8%	1 149	4,1%	4 627
Bulk Carriers	19 968	27,6%	6 157	18,5%	26 125	16 726	23,0%	5 099	18,0%	21 825
Oil and Chemical Tankers	13 893	19,2%	3 595	10,8%	17 487	14 831	20,4%	3 321	11,7%	18 152
Gas Tankers	1 553	2,1%	143	0,4%	1 696	2 403	3,3%	376	1,3%	2 779
Other Tankers	111	0,2%	137	0,4%	248	257	0,4%	100	0,4%	356
Passenger Ships	2 451	3,4%	1 860	5,6%	4 311	4 532	6,2%	3 321	11,7%	7 853
Offshore Vessels	1 168	1,6%	723	2,2%	1 891	2 394	3,3%	1 532	5,4%	3 925
Service Ships	658	0,9%	1 431	4,3%	2 089	1 961	2,7%	3 264	11,5%	5 225
Tugs	155	0,2%	203	0,6%	358	264	0,4%	219	0,8%	483
Total	72 240	100%	33 303	100%	105 543	72 828	100%	28 314	100%	101 142

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 101 - Total number of medium ships, by P&I status and flag- 2007



Graph 102 - Gross tonnage of medium ships, by P&I status and flag - 2007



LARGE SHIPS

Table 109 - P&I status : total number of large⁽¹⁾ ships, by type and flag- 2007

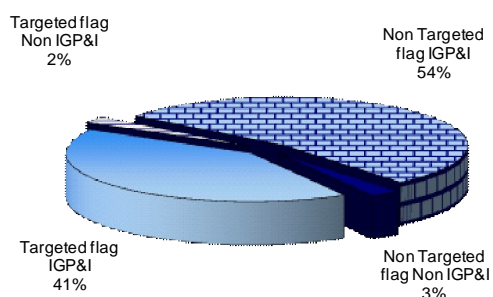
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	45	1,5%	1	0,6%	46	152	3,8%	2	1,0%	154
Specialized Cargo Ships	24	0,8%	0	0,0%	24	10	0,2%	2	1,0%	12
Container Ships	516	16,6%	12	7,3%	528	894	22,3%	23	11,7%	917
Ro-Ro Cargo Ships	332	10,7%	6	3,6%	338	217	5,4%	4	2,0%	221
Bulk Carriers	1 353	43,6%	104	63,0%	1 457	1 326	33,1%	84	42,9%	1 410
Oil and Chemical Tankers	629	20,3%	30	18,2%	659	1 141	28,5%	47	24,0%	1 188
Gas Tankers	73	2,4%	3	1,8%	76	96	2,4%	2	1,0%	98
Other Tankers	0	0,0%	1	0,6%	1	4	0,1%			4
Passenger Ships	117	3,8%	4	2,4%	121	128	3,2%	3	1,5%	131
Offshore Vessels	11	0,4%	3	1,8%	14	20	0,5%	15	7,7%	35
Service Ships	1	0,0%	1	0,6%	2	22	0,5%	14	7,1%	36
Tugs										
Total	3 101	100%	165	100%	3 266	4 010	100%	196	100%	4 206

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 110 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag- 2007

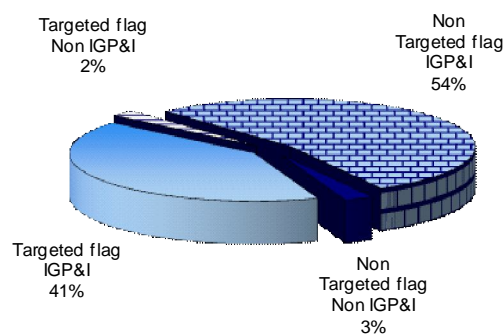
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	1 350	1,2%	38	0,6%	1 388	4 442	2,9%	66	0,9%	4 508
Specialized Cargo Ships	839	0,7%			839	345	0,2%	81	1,1%	427
Container Ships	19 945	17,1%	439	7,2%	20 384	34 457	22,8%	841	11,7%	35 298
Ro-Ro Cargo Ships	14 746	12,6%	219	3,6%	14 965	9 686	6,4%	110	1,5%	9 796
Bulk Carriers	47 997	41,1%	3 693	60,4%	51 690	46 004	30,5%	2 673	37,1%	48 677
Oil and Chemical Tankers	24 094	20,6%	1 282	21,0%	25 377	45 320	30,0%	2 151	29,8%	47 471
Gas Tankers	3 045	2,6%	133	2,2%	3 178	4 091	2,7%	94	1,3%	4 185
Other Tankers			30	0,5%	30	128	0,1%			128
Passenger Ships	4 144	3,6%	119	1,9%	4 263	4 551	3,0%	108	1,5%	4 659
Offshore Vessels	524	0,4%	130	2,1%	654	940	0,6%	564	7,8%	1 503
Service Ships	33	0,0%	30	0,5%	63	917	0,6%	519	7,2%	1 437
Tugs										
Total	116 718	100%	6 113	100%	122 831	150 882	100%	7 207	100%	158 089

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

Graph 103 - Total number of large ships, by P&I status and flag- 2007



Graph 104 - Gross tonnage of large ships, by P&I status and flag- 2007



VERY LARGE SHIPS

Table 111 - P&I status : total number of very large⁽¹⁾ ships, by type and flag- 2007

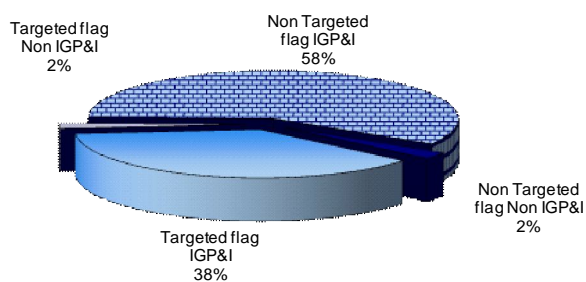
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships										
Specialized Cargo Ships						1	0,1%			1
Container Ships	239	21,9%	14	27,5%	253	278	16,3%	12	17,6%	290
Ro-Ro Cargo Ships	40	3,7%	2	3,9%	42	21	1,2%	0	0,0%	21
Bulk Carriers	406	37,1%	14	27,5%	420	362	21,3%	10	14,7%	372
Oil and Chemical Tankers	313	28,6%	13	25,5%	326	729	42,8%	17	25,0%	746
Gas Tankers	40	3,7%	2	3,9%	42	180	10,6%	1	1,5%	181
Other Tankers										
Passenger Ships	26	2,4%			26	74	4,3%	3	4,4%	77
Offshore Vessels	29	2,7%	6	11,8%	35	50	2,9%	25	36,8%	75
Service Ships						7	0,4%	0	0,0%	7
Tugs										
Total	1 093	100%	51	100%	1 144	1 702	100%	68	100%	1 770

Source: Equasis - ⁽¹⁾ GT≥60.000Table 112 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag- 2007

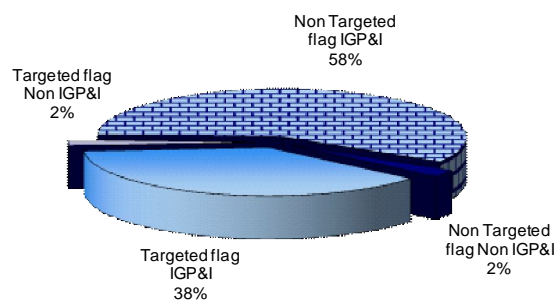
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships										
Specialized Cargo Ships						78	0,0%			78
Container Ships	19 525	18,2%	1 239	24,0%	20 764	21 517	13,0%	960	14,0%	22 477
Ro-Ro Cargo Ships	2 551	2,4%	125	2,4%	2 676	1 348	0,8%			1 348
Bulk Carriers	35 898	33,4%	1 267	24,5%	37 165	31 513	19,1%	810	11,8%	32 323
Oil and Chemical Tankers	40 155	37,4%	1 832	35,4%	41 988	80 043	48,5%	1 570	22,9%	81 613
Gas Tankers	3 973	3,7%	200	3,9%	4 173	18 083	11,0%	119	1,7%	18 202
Other Tankers										
Passenger Ships	2 378	2,2%			2 378	6 655	4,0%	257	3,8%	6 912
Offshore Vessels	2 862	2,7%	507	9,8%	3 369	5 377	3,3%	3 126	45,7%	8 503
Service Ships						496	0,3%	0	0,0%	496
Tugs										
Total	107 342	100%	5 171	100%	112 513	165 109	100%	6 842	100%	171 951

Source: Equasis - ⁽¹⁾ GT≥60.000

Graph 105 - Total number of very large ships, by P&I status and flag- 2007



Graph 106 - Gross tonnage of very large ships, by P&I status and flag - 2007



4.5. SAFETY PERFORMANCE

WHOLE FLEET GT≥500

Table 113 - Whole fleet GT≥500 detention rate^(*), by type and P&I status – 2007

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	5,96%	15,49%	10,68%
Specialized Cargo Ships	6,56%	15,38%	8,11%
Container Ships	2,02%	3,45%	2,14%
Ro-Ro Cargo Ships	4,57%	18,75%	6,41%
Bulk Carriers	5,74%	13,29%	6,56%
Oil and Chemical Tankers	2,28%	8,47%	2,85%
Gas Tankers	1,16%	1,54%	1,18%
Other Tankers	9,59%	17,39%	12,61%
Passenger Ships	1,56%	9,35%	2,67%
Offshore Vessels	2,39%	11,03%	4,23%
Service Ships	2,16%	0,65%	1,56%
Tugs	1,94%	2,44%	2,08%
Total	3,93%	13,49%	6,14%

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

Table 114 - Medium^(†) ships detention rates^(*), by type and P&I status – 2007

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	6,24%	15,50%	10,92%
Specialized Cargo Ships	5,75%	16,67%	8,11%
Container Ships	1,97%	3,75%	2,21%
Ro-Ro Cargo Ships	4,94%	19,08%	8,31%
Bulk Carriers	7,72%	14,84%	9,13%
Oil and Chemical Tankers	3,32%	9,88%	4,30%
Gas Tankers	1,69%	1,67%	1,69%
Other Tankers	10,14%	17,78%	13,16%
Passenger Ships	3,28%	9,70%	5,00%
Offshore Vessels	2,48%	11,03%	4,35%
Service Ships	2,18%	0,66%	1,57%
Tugs	1,94%	2,44%	2,08%
Total	4,82%	13,90%	7,82%

Source: Equasis - ^(†) 500sGT<25.000 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

Table 115 - Large⁽¹⁾ ships detention rates⁽²⁾, by type and P&I status - 2007

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships			
Specialized Cargo Ships	8,82%		8,33%
Container Ships	2,39%	3,45%	2,42%
Ro-Ro Cargo Ships	4,69%	16,67%	4,82%
Bulk Carriers	4,66%	8,53%	4,84%
Oil and Chemical Tankers	1,68%		1,63%
Gas Tankers			
Other Tankers			
Passenger Ships	0,39%		
Offshore Vessels			
Service Ships			
Tugs			
Total	3,12%	5,75%	3,21%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - ⁽²⁾ Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

Table 116 - Very large⁽¹⁾ ships detention rates⁽²⁾, by type and P&I status - 2007

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships			
Specialized Cargo Ships			
Container Ships	1,19%		1,14%
Ro-Ro Cargo Ships			
Bulk Carriers	3,96%	4,76%	3,98%
Oil and Chemical Tankers	0,45%		0,44%
Gas Tankers	0,62%		0,61%
Other Tankers			
Passenger Ships			
Offshore Vessels			
Service Ships			
Tugs			
Total	1,58%	1,41%	1,58%

Source: Equasis - ⁽¹⁾ GT≥60.000 - ⁽²⁾ Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

Chapter 5

5. Port State Control

INTRODUCTION

Port State Control authorities check the compliance with international conventions of foreign ships visiting their ports. Equasis includes inspection data provided by four of the regional Port State Control regimes, Paris MoU, Tokyo MoU, Indian Ocean MoU (IO MoU) and U.S. Coast Guard (USCG).

INSPECTION FREQUENCY

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 four regional Port State Control regimes which contributed to Equasis for the period 2002 to 2007.

SHIPS WITHOUT INSPECTION RECORD

Ships are subject to Port State Control inspections in most parts of the world but Equasis receives data only from four PSC regimes. Some ships do not trade to these four regimes or in some cases have not been inspected when they have visited them. In addition, some ships are not eligible for PSC inspections either because of their size or type or they are only engaged in domestic trade, but these are mainly confined to small ships. Therefore there is a portion of the eligible fleet without a Port State Control inspection record in Equasis.

A significant portion of this "without inspection record" fleet, particularly very large, large and medium ships could, potentially, be trading in the waters of these

PSC regimes or commence trading to their ports. The inspection figures show the proportion of the fleet which have not been inspected by one of the four PSC regimes IN THE LAST 3 YEARS (2005 to 2007). The figures are sorted by type and age ranges; type and flag; type and class status; type and P&I coverage.

RESULTS

Table 117 reveals that of 46414 ships in the Equasis fleet over 500GT 61% (28504) were inspected at least once in the period 2005-2007 and over 84% by tonnage. Table 119 shows that the number of individual ships inspected has risen steadily in the period 2002 to 2007.

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. Graph 109 shows that the number of ships inspected more than a three times in a year generally remains the same over the five year period.

Regionally Table 120 and Graph 110 indicate that in 2007 there was a greater tendency towards multiple inspections of ships in the Tokyo MoU region than in the other regions.

A comparison of Tables 119 and 121 shows that of the 25638 individual ships inspected in at least one of the regions, 178 (0.7%) were inspected at least once in all four regions during 2007. 1650 (6.6%) were inspected in three regions. 6075 (24.2%) were inspected in two regions. The

remaining 68.6% of the ships were inspected in only one of the regions.

Graph 112 shows that the vast majority (94%) of ships without an inspection record are in the medium-sized category. A comparison of Tables 1 and 122 shows that of the 36028 medium-sized ships 16839 (46%) have no record in 2007. Graph 132 indicates that for medium-sized ships the rate of those with no record was lower for targeted flag ships than for non-targeted flags (19% compared with 28%). For large and very large ships the proportion of ships without an inspection record falls to 9% and 13.7% respectively – the rates are similar for both targeted and non-targeted flagged ships.

By age, just over half (52%) of ships without a record were over 25 years old (Graph 114). Similarly by class, 47% has no class recorded, while just 7% of ships with no record were recorded as classed by non-IACS members (Graph 122).

INSPECTION FREQUENCY

INSPECTIONS RECORDS IN EQUASIS

Table 117 - Total number of inspected ships GT≥500 recorded in Equasis, by type – 2005-2007

Ship type	Inspected		No record		Total	
General Cargo Ships	8901	31,2%	4452	24,9%	13 353	28,8%
Specialized Cargo Ships	148	0,5%	72	0,4%	220	0,5%
Container Ships	3889	13,6%	419	2,3%	4 308	9,3%
Ro-Ro Cargo Ships	1230	4,3%	367	2,0%	1 597	3,4%
Bulk Carriers	6039	21,2%	1019	5,7%	7 058	15,2%
Oil and Chemical Tankers	5337	18,7%	3683	20,6%	9 020	19,4%
Gas Tankers	838	2,9%	472	2,6%	1 310	2,8%
Other Tankers	119	0,4%	108	0,6%	227	0,5%
Passenger Ships	804	2,8%	2160	12,1%	2 964	6,4%
Offshore Vessels	659	2,3%	2563	14,3%	3 222	6,9%
Service Ships	393	1,4%	1902	10,6%	2 295	4,9%
Tugs	147	0,5%	693	3,9%	840	1,8%
Total	28504	100%	17910	100%	46 414	100%

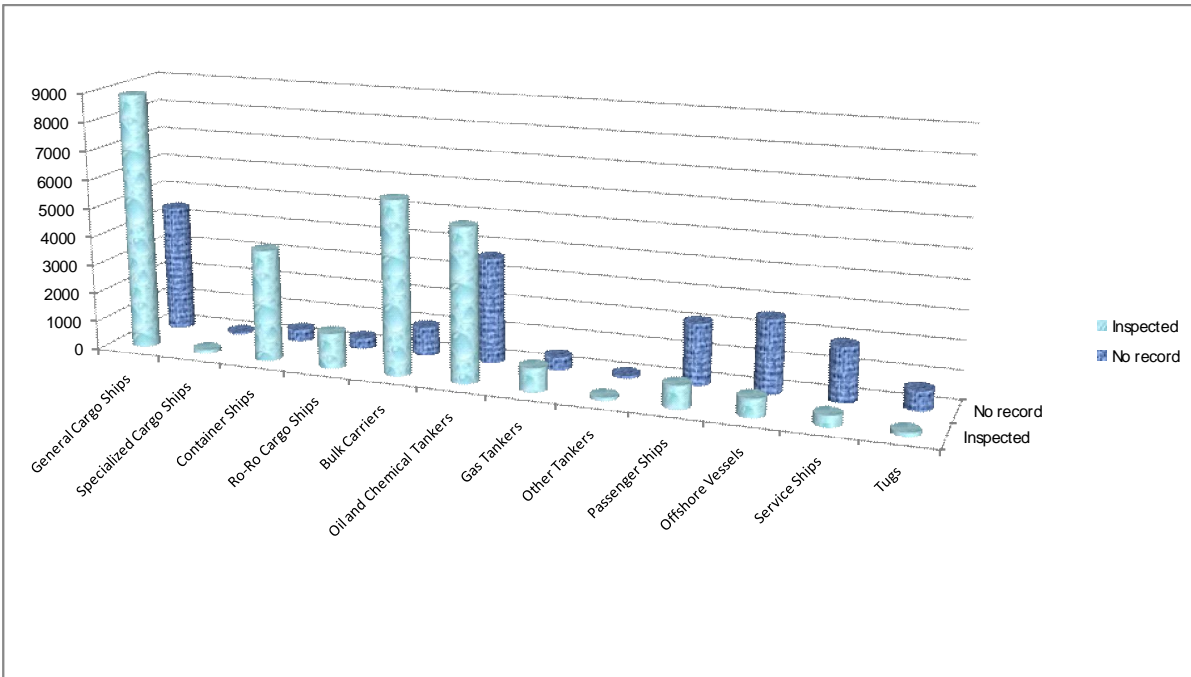
Source: Equasis – Paris MoU, Tokyo MoU, IO MoU, US Coast Guard

Table 118 - Gross tonnage (in 1000 t) of inspected ships GT≥500 recorded in Equasis, by type – 2005-2007

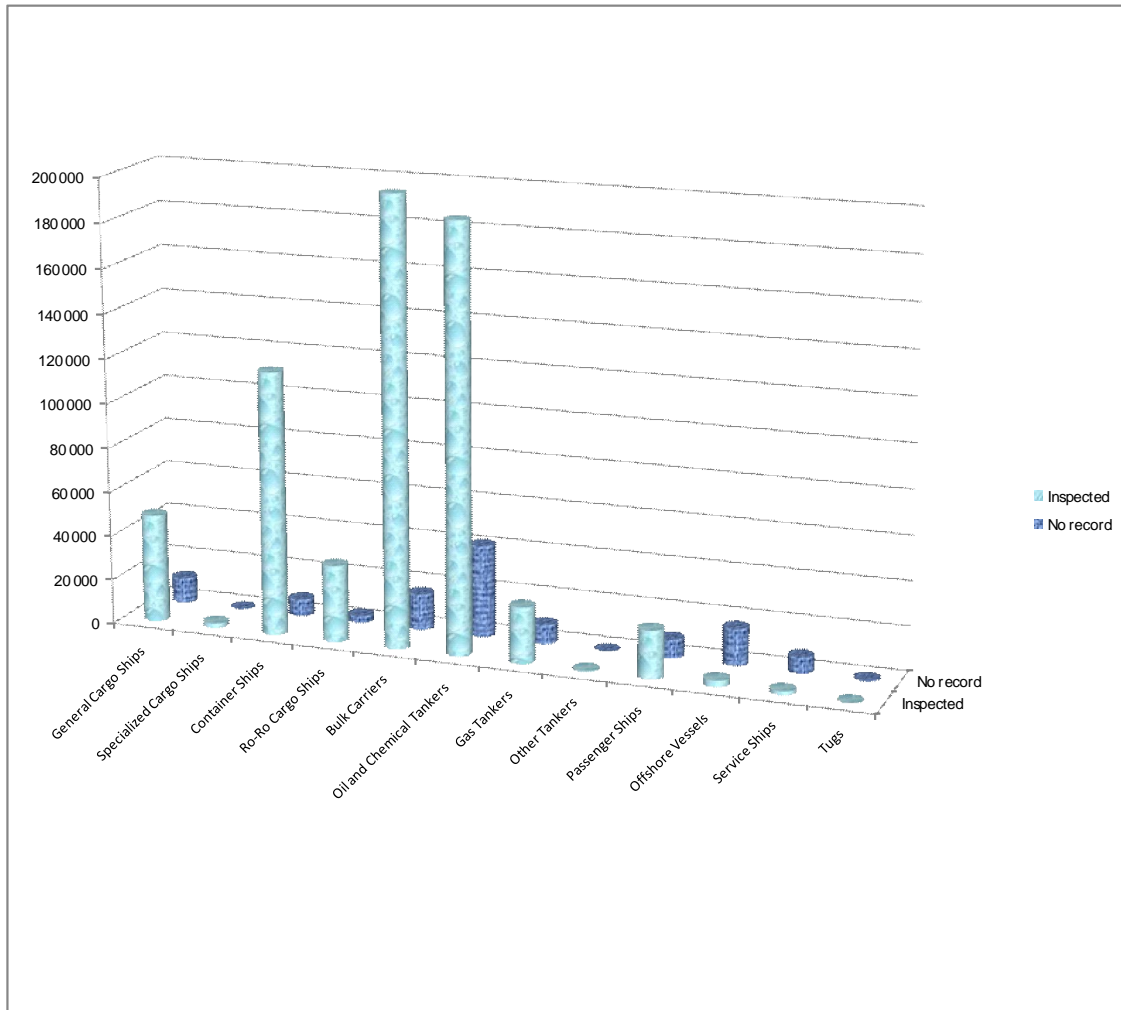
Ship type	Inspected		No record		Total	
General Cargo Ships	48 774	7,5%	11 435	9,3%	60 209	7,8%
Specialized Cargo Ships	2 270	0,3%	257	0,2%	2 527	0,3%
Container Ships	118 525	18,3%	7 626	6,2%	126 151	16,3%
Ro-Ro Cargo Ships	34 728	5,3%	3 213	2,6%	37 941	4,9%
Bulk Carriers	201 368	31,0%	16 438	13,4%	217 805	28,2%
Oil and Chemical Tankers	190 593	29,4%	41 495	33,8%	232 088	30,1%
Gas Tankers	25 501	3,9%	8 712	7,1%	34 213	4,4%
Other Tankers	562	0,1%	201	0,2%	762	0,1%
Passenger Ships	21 759	3,4%	8 618	7,0%	30 376	3,9%
Offshore Vessels	3 033	0,5%	16 813	13,7%	19 846	2,6%
Service Ships	1 863	0,3%	7 446	6,1%	9 310	1,2%
Tugs	195	0,0%	645	0,5%	840	0,1%
Total	649 172	100%	122 898	100%	772 069	100%

Source: Equasis – Paris MoU, Tokyo MoU, IO MoU, US Coast Guard

Graph 107 - Total number of inspected ships GT≥500 recorded in Equasis, by type – 2005-2007



Graph 108 - Gross tonnage (in 1000 t) of inspected ships GT≥500 recorded in Equasis, by type – 2005-2007



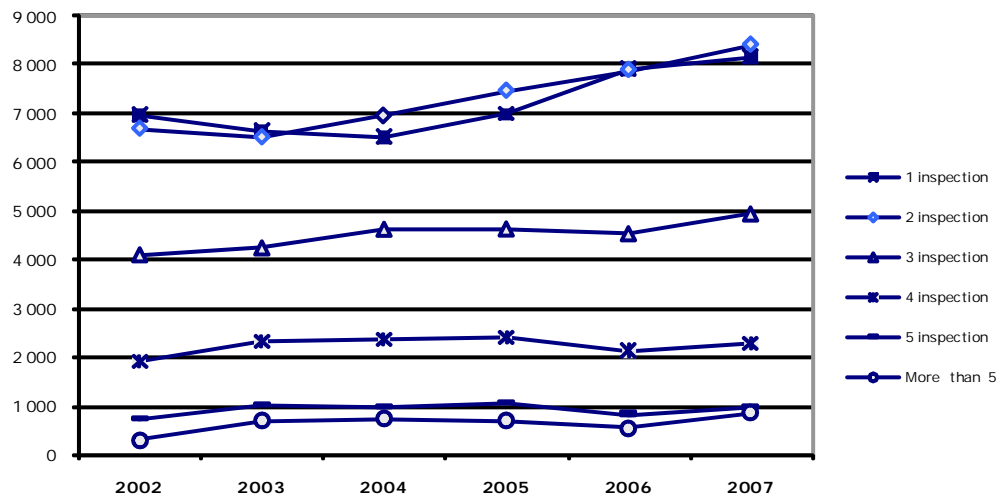
MULTIPLE INSPECTIONS

Table 119 - Total number of individual ships inspected^(*), by number of inspections per ship – 2002-2007

Number of inspections per ship	Number of ships inspected											
	2002		2003		2004		2005		2006		2007	
1	6 966	33,7%	6 640	31,0%	6 518	29,4%	6 998	30,1%	7 913	33,2%	8 166	31,9%
2	6 691	32,4%	6 514	30,4%	6 956	31,4%	7 470	32,1%	7 898	33,1%	8 415	32,8%
3	4 090	19,8%	4 233	19,7%	4 621	20,8%	4 627	19,9%	4 529	19,0%	4 939	19,3%
4	1 908	9,2%	2 319	10,8%	2 374	10,7%	2 397	10,3%	2 127	8,9%	2 287	8,9%
5	733	3,5%	1 027	4,8%	981	4,4%	1 049	4,5%	830	3,5%	972	3,8%
More than 5	292	1,4%	700	3,3%	726	3,3%	703	3,0%	552	2,3%	859	3,4%
Total	20 680	100%	21 433	100%	22 176	100%	23 244	100%	23 849	100%	25 638	100%

Source: Equasis – Paris MoU, Tokyo MoU, IO MoU, US Coast Guard-^(*) Existing ship types in Equasis

Graph 109 - Total number of individual ships inspected^(*), by number of inspections per ship – 2002-2007



^(*) Existing ship types in Equasis

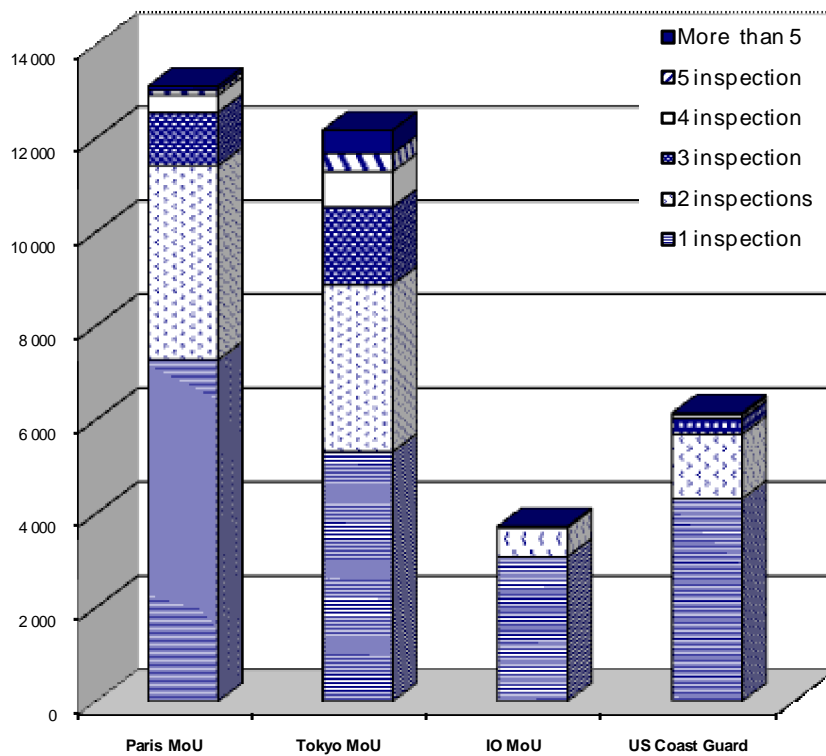
INSPECTION FREQUENCY BY PSC REGIONS

Table 120 - Total number of individual ships inspected^(*), by number of inspection per ship and by PSC region – 2007

Number of inspections per ship	Number of ships inspected							
	Paris MoU		Tokyo MoU		IO MoU		US Coast Guard	
1	7 448	54,7%	5 321	43,7%	3 086	82,8%	5 008	72,9%
2	4 384	32,2%	3 564	29,3%	613	16,4%	1 441	21,0%
3	1 190	8,7%	1 653	13,6%	29	0,8%	297	4,3%
4	356	2,6%	752	6,2%	0	0,0%	76	1,1%
5	129	0,9%	381	3,1%	0	0,0%	30	0,4%
More than 5	105	0,8%	502	4,1%	0	0,0%	21	0,3%
Total	13 612	100%	12 173	100%	3 728	100%	6 873	100%

Source: Equasis – Paris MoU, Tokyo MoU, IO MoU, US Coast Guard- ^(*) All existing ship types in Equasis

Graph 110 - Total number of individual ships inspected^(*), by number of inspection per ship and PSC region – 2007



^(*) All existing ship types in Equasis

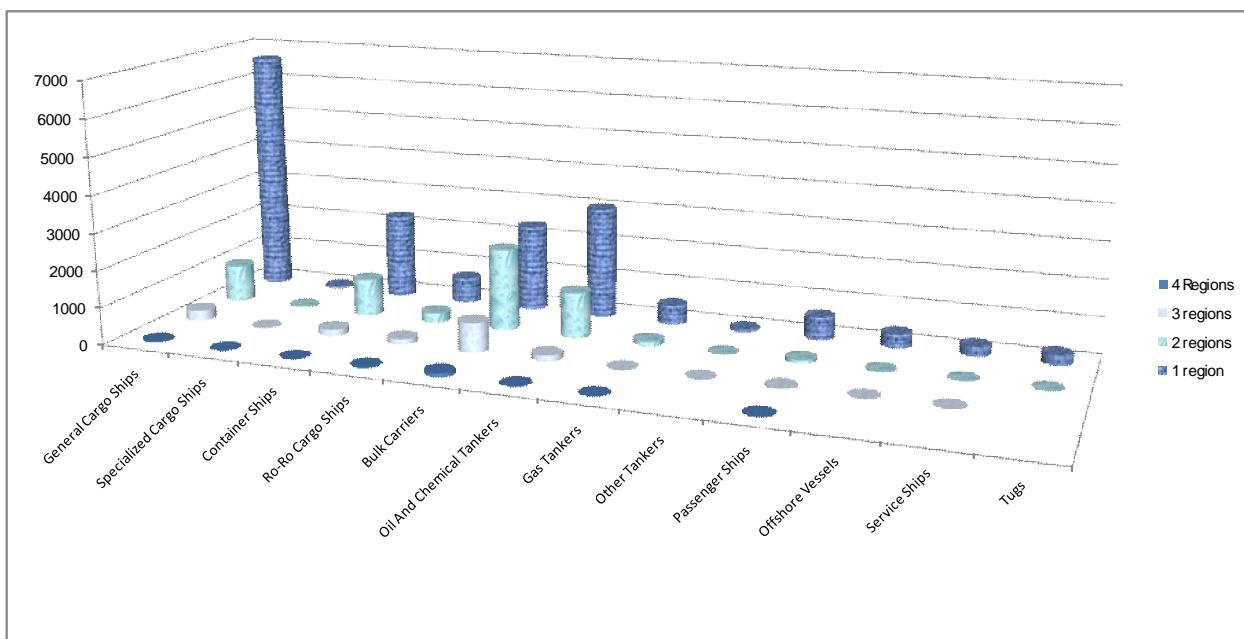
INSPECTIONS IN MORE THAN ONE REGION

Table 121 - Total number of individual ships inspected per number of PSC regions - 2007

Ship Type	Number of ships inspected							
	1 Region		2 Regions		3 Regions		4 Regions	
General Cargo Ships	6633	38,4%	1015	16,7%	289	17,5%	26	14,6%
Specialized Cargo Ships	62	0,4%	39	0,6%	10	0,6%	4	2,2%
Container Ships	2310	13,4%	1005	16,5%	187	11,3%	5	2,8%
Ro-Ro Cargo Ships	694	4,0%	264	4,3%	146	8,8%	27	15,2%
Bulk Carriers	2370	13,7%	2226	36,6%	807	48,9%	101	56,7%
Oil And Chemical Tankers	3040	17,6%	1243	20,5%	159	9,6%	11	6,2%
Gas Tankers	522	3,0%	132	2,2%	19	1,2%	1	0,6%
Other Tankers	79	0,5%	14	0,2%	2	0,1%		
Passenger Ships	625	3,6%	92	1,5%	29	1,8%	3	1,7%
Offshore Vessels	371	2,2%	26	0,4%	1	0,1%		
Service Ships	274	1,6%	14	0,2%	1	0,1%		
Tugs	272	1,6%	5	0,1%				
Total	17252	100,0%	6075	100,0%	1650	100,0%	178	100,0%

Source: Equasis – Paris MoU, Tokyo MoU, IO MoU, US Coast Guard

Graph 111 - Ships inspected per number of PSC regions, by type – 2007



5.1. SHIPS WITHOUT INSPECTION RECORD

WHOLE FLEET GT≥500

Table 122 - Total number ships GT≥500 without inspection record, by type and size – 2005-2007

Ship Type	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
General Cargo Ships	4 450	26,4%	2	0,3%			4 452	24,9%
Specialized Cargo Ships	72	0,4%	0	0,0%			72	0,4%
Container Ships	330	2,0%	68	10,1%	21	5,3%	419	2,3%
Ro-Ro Cargo Ships	339	2,0%	21	3,1%	7	1,8%	367	2,0%
Bulk Carriers	806	4,8%	184	27,3%	29	7,3%	1 019	5,7%
Oil and Chemical Tankers	3 254	19,3%	256	38,0%	173	43,5%	3 683	20,6%
Gas Tankers	386	2,3%	26	3,9%	60	15,1%	472	2,6%
Other Tankers	108	0,6%					108	0,6%
Passenger Ships	2 117	12,6%	40	5,9%	3	0,8%	2 160	12,1%
Offshore Vessels	2 422	14,4%	42	6,2%	99	24,9%	2 563	14,3%
Service Ships	1 862	11,1%	34	5,1%	6	1,5%	1 902	10,6%
Tugs	693	4,1%					693	3,9%
Total	16 839	100%	673	100%	398	100%	17 910	100%

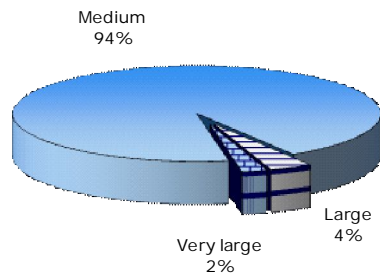
Source: Equasis / ⁽¹⁾ 500≤GT<25.000 - ⁽²⁾ 25.000≤GT<60.000 - ⁽³⁾ GT≥60.000

Table 123 - Gross tonnage (in 1000 t) ships GT≥500 without inspection record, by type and size – 2005-2007

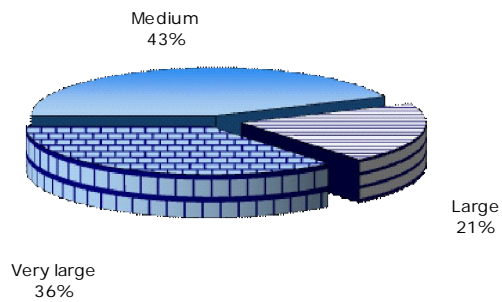
Ship Type	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
General Cargo Ships	11 370	21,3%	65	0,3%			11 435	9,3%
Specialized Cargo Ships	257	0,5%	0	0,0%			257	0,2%
Container Ships	3 130	5,9%	2 547	10,1%	1 949	4,4%	7 626	6,2%
Ro-Ro Cargo Ships	1 949	3,6%	823	3,3%	441	1,0%	3 213	2,6%
Bulk Carriers	7 222	13,5%	6 333	25,1%	2 882	6,5%	16 438	13,4%
Oil and Chemical Tankers	10 745	20,1%	9 760	38,7%	20 989	47,5%	41 495	33,8%
Gas Tankers	1 075	2,0%	1 168	4,6%	6 469	14,6%	8 712	7,1%
Other Tankers	201	0,4%					201	0,2%
Passenger Ships	7 036	13,2%	1 331	5,3%	251	0,6%	8 618	7,0%
Offshore Vessels	4 160	7,8%	1 857	7,4%	10 796	24,4%	16 813	13,7%
Service Ships	5 673	10,6%	1 347	5,3%	426	1,0%	7 446	6,1%
Tugs	645	1,2%					645	0,5%
Total	53 463	100%	25 230	100%	44 204	100%	122 898	100%

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

Graph 112 - Total number of ships $GT \geq 500$ without inspection record, by size – 2005-2007



Graph 113 - Gross tonnage of ships $GT \geq 500$ without inspection record, by size – 2005-2007



5.2. SHIPS WITHOUT INSPECTION

RECORD - BY AGE

WHOLE FLEET >500GT

Table 124 - Total number of ships GT≥500 without inspection record, by type and age – 2005-2007

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	404	16,1%	363	13,9%	678	19,8%	3 007	32,1%	4 452	24,9%
Specialized Cargo Ships	6	0,2%	5	0,2%	9	0,3%	52	0,6%	72	0,4%
Container Ships	179	7,1%	74	2,8%	54	1,6%	112	1,2%	419	2,3%
Ro-Ro Cargo Ships	44	1,7%	68	2,6%	82	2,4%	173	1,8%	367	2,0%
Bulk Carriers	155	6,2%	133	5,1%	264	7,7%	467	5,0%	1 019	5,7%
Oil and Chemical Tankers	541	21,5%	544	20,9%	772	22,6%	1 826	19,5%	3 683	20,6%
Gas Tankers	93	3,7%	101	3,9%	95	2,8%	183	2,0%	472	2,6%
Other Tankers	4	0,2%	15	0,6%	22	0,6%	67	0,7%	108	0,6%
Passenger Ships	221	8,8%	529	20,3%	472	13,8%	938	10,0%	2 160	12,1%
Offshore Vessels	624	24,8%	377	14,5%	460	13,4%	1 102	11,8%	2 563	14,3%
Service Ships	151	6,0%	304	11,7%	402	11,8%	1 045	11,2%	1 902	10,6%
Tugs	93	3,7%	94	3,6%	111	3,2%	395	4,2%	693	3,9%
Total	2 515	100%	2 607	100%	3 421	100%	9 367	100%	17 910	100%

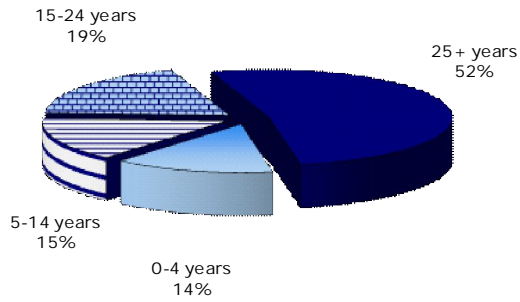
Source: Equasis

Table 125 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and age – 2005-2007

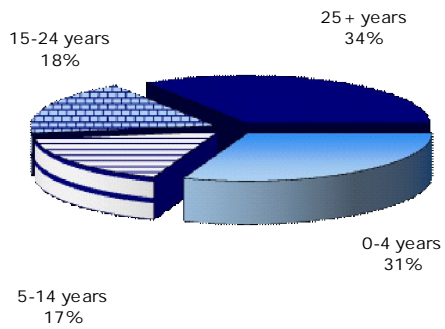
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1 094	2,9%	606	2,9%	1 785	7,9%	7 951	19,0%	11 435	9,3%
Specialized Cargo Ships	66	0,2%	25	0,1%	16	0,1%	150	0,4%	257	0,2%
Container Ships	5 152	13,7%	731	3,5%	839	3,7%	904	2,2%	7 626	6,2%
Ro-Ro Cargo Ships	1 251	3,3%	526	2,5%	496	2,2%	941	2,2%	3 213	2,6%
Bulk Carriers	5 880	15,6%	987	4,7%	3 657	16,3%	5 914	14,1%	16 438	13,4%
Oil and Chemical Tankers	13 715	36,5%	7 069	33,8%	9 825	43,7%	10 885	26,0%	41 495	33,8%
Gas Tankers	4 043	10,7%	2 815	13,5%	779	3,5%	1 075	2,6%	8 712	7,1%
Other Tankers	13	0,0%	13	0,1%	42	0,2%	133	0,3%	201	0,2%
Passenger Ships	1 444	3,8%	2 718	13,0%	1 663	7,4%	2 792	6,7%	8 618	7,0%
Offshore Vessels	3 879	10,3%	3 599	17,2%	1 720	7,6%	7 614	18,2%	16 813	13,7%
Service Ships	975	2,6%	1 723	8,2%	1 568	7,0%	3 181	7,6%	7 446	6,1%
Tugs	114	0,3%	90	0,4%	103	0,5%	338	0,8%	645	0,5%
Total	37 626	100%	20 901	100%	22 493	100%	41 878	100%	122 898	100%

Source: Equasis

Graph 114 - Total number of ships GT \geq 500 without inspection record, by age – 2005-2007



Graph 115 - Gross tonnage of ships GT \geq 500 without inspection record, by age – 2005-2007



MEDIUM SHIPS

Table 126 - Total number of medium⁽¹⁾ ships without inspection record, by type and age – 2005-2007

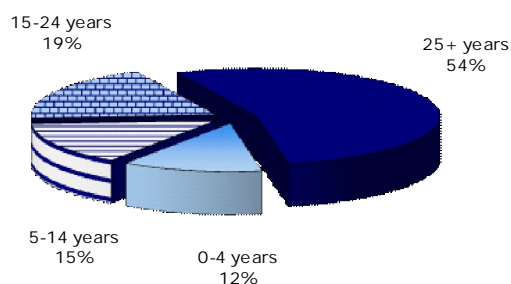
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	404	19,5%	363	15,0%	677	21,1%	3 006	32,9%	4 450	26,4%
Specialized Cargo Ships	6	0,3%	5	0,2%	9	0,3%	52	0,6%	72	0,4%
Container Ships	107	5,2%	71	2,9%	48	1,5%	104	1,1%	330	2,0%
Ro-Ro Cargo Ships	25	1,2%	65	2,7%	80	2,5%	169	1,8%	339	2,0%
Bulk Carriers	57	2,7%	116	4,8%	212	6,6%	421	4,6%	806	4,8%
Oil and Chemical Tankers	376	18,1%	477	19,8%	658	20,5%	1 743	19,1%	3 254	19,3%
Gas Tankers	52	2,5%	76	3,1%	89	2,8%	169	1,8%	386	2,3%
Other Tankers	4	0,2%	15	0,6%	22	0,7%	67	0,7%	108	0,6%
Passenger Ships	205	9,9%	507	21,0%	470	14,6%	935	10,2%	2 117	12,6%
Offshore Vessels	600	28,9%	333	13,8%	445	13,8%	1 044	11,4%	2 422	14,4%
Service Ships	144	6,9%	292	12,1%	393	12,2%	1 033	11,3%	1 862	11,1%
Tugs	93	4,5%	94	3,9%	111	3,5%	395	4,3%	693	4,1%
Total	2 073	100%	2 414	100%	3 214	100%	9 138	100%	16 839	100%

Source: Equasis / ⁽¹⁾ 500≤GT<25.000Table 127 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and age – 2005-2007

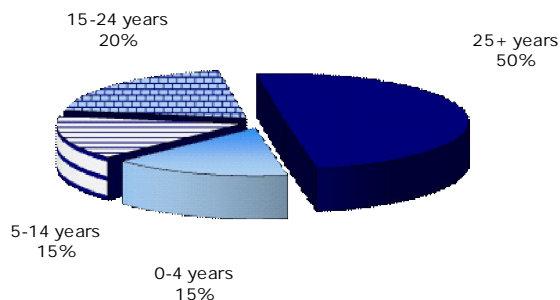
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 094	13,2%	606	7,7%	1 746	16,3%	7 924	29,8%	11 370	21,3%
Specialized Cargo Ships	66	0,8%	25	0,3%	16	0,1%	150	0,6%	257	0,5%
Container Ships	1 233	14,8%	630	8,0%	592	5,5%	675	2,5%	3 130	5,9%
Ro-Ro Cargo Ships	276	3,3%	416	5,3%	435	4,1%	822	3,1%	1 949	3,6%
Bulk Carriers	631	7,6%	517	6,5%	1 807	16,9%	4 267	16,1%	7 222	13,5%
Oil and Chemical Tankers	1 848	22,2%	1 642	20,7%	2 198	20,6%	5 057	19,0%	10 745	20,1%
Gas Tankers	305	3,7%	179	2,3%	212	2,0%	379	1,4%	1 075	2,0%
Other Tankers	13	0,2%	13	0,2%	42	0,4%	133	0,5%	201	0,4%
Passenger Ships	789	9,5%	1 961	24,8%	1 609	15,1%	2 677	10,1%	7 036	13,2%
Offshore Vessels	1 281	15,4%	731	9,2%	722	6,8%	1 426	5,4%	4 160	7,8%
Service Ships	659	7,9%	1 104	13,9%	1 205	11,3%	2 705	10,2%	5 673	10,6%
Tugs	114	1,4%	90	1,1%	103	1,0%	338	1,3%	645	1,2%
Total	8 309	100%	7 913	100%	10 687	100%	26 554	100%	53 463	100%

Source: Equasis / ⁽¹⁾ 500≤GT<25.000

Graph 116 - Total number of medium ships without inspection record, by age – 2005-2007



Graph 117 - Gross tonnage of medium ships without inspection record, by age – 2005-2007



LARGE SHIPS

Table 128 - Total number of large⁽¹⁾ ships without inspection record, by type and age – 2005-2007

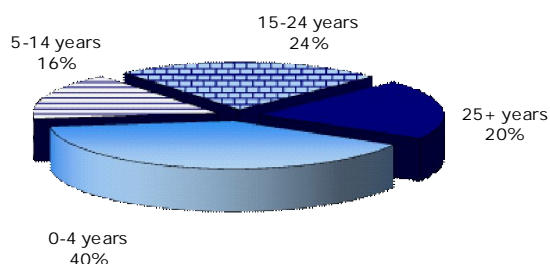
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships					1	0,6%	1	0,7%	2	0,3%
Specialized Cargo Ships									0	0,0%
Container Ships	51	19,0%	3	2,8%	6	3,8%	8	5,8%	68	10,1%
Ro-Ro Cargo Ships	12	4,5%	3	2,8%	2	1,3%	4	2,9%	21	3,1%
Bulk Carriers	73	27,2%	17	15,7%	50	31,4%	44	31,9%	184	27,3%
Oil and Chemical Tankers	95	35,4%	34	31,5%	79	49,7%	48	34,8%	256	38,0%
Gas Tankers	11	4,1%	2	1,9%	1	0,6%	12	8,7%	26	3,9%
Other Tankers										
Passenger Ships	14	5,2%	21	19,4%	2	1,3%	3	2,2%	40	5,9%
Offshore Vessels	6	2,2%	21	19,4%	9	5,7%	6	4,3%	42	6,2%
Service Ships	6	2,2%	7	6,5%	9	5,7%	12	8,7%	34	5,1%
Tugs										
Total	268	100%	108	100%	159	100%	138	100%	673	100%

Source: Equasis / ⁽¹⁾ 25.000≤GT<60.000Table 129 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and age – 2005-2007

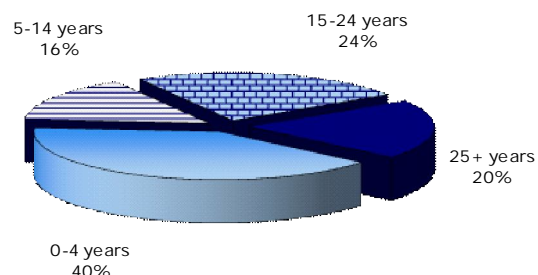
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships					38	0,6%	26	0,5%	65	0,3%
Specialized Cargo Ships										
Container Ships	1 970	19,5%	101	2,6%	247	4,0%	229	4,5%	2 547	10,1%
Ro-Ro Cargo Ships	534	5,3%	110	2,8%	60	1,0%	119	2,3%	823	3,3%
Bulk Carriers	2 723	26,9%	470	12,1%	1 628	26,6%	1 512	29,6%	6 333	25,1%
Oil and Chemical Tankers	3 421	33,8%	1 191	30,7%	3 267	53,4%	1 881	36,8%	9 760	38,7%
Gas Tankers	526	5,2%	87	2,2%	50	0,8%	505	9,9%	1 168	4,6%
Other Tankers										
Passenger Ships	481	4,8%	680	17,5%	55	0,9%	115	2,3%	1 331	5,3%
Offshore Vessels	222	2,2%	981	25,3%	408	6,7%	245	4,8%	1 857	7,4%
Service Ships	246	2,4%	262	6,8%	363	5,9%	475	9,3%	1 347	5,3%
Tugs										
Total	10 123	100%	3 883	100%	6 116	100%	5 109	100%	25 230	100%

Source: Equasis / ⁽¹⁾ 25.000≤GT<60.000

Graph 118 - Total number of large ships without inspection record, by age – 2005-2007



Graph 119 - Gross tonnage of large ships without inspection record, by age – 2005-2007



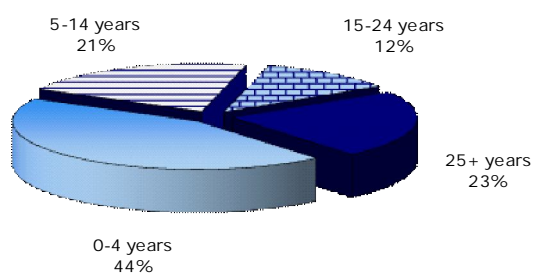
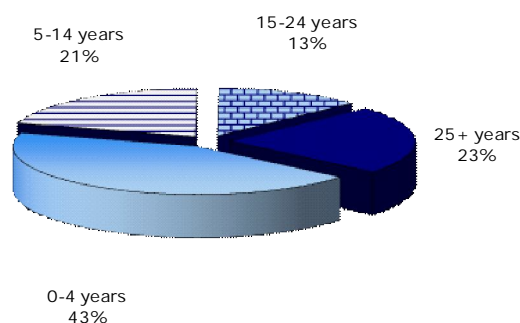
VERY LARGE SHIPS

Table 130 - Total number of very large⁽¹⁾ ships without inspection record, by type and age – 2005-2007

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	21	12,1%							21	5,3%
Ro-Ro Cargo Ships	7	4,0%							7	1,8%
Bulk Carriers	25	14,4%			2	4,2%	2	2,2%	29	7,3%
Oil and Chemical Tankers	70	40,2%	33	38,8%	35	72,9%	35	38,5%	173	43,5%
Gas Tankers	30	17,2%	23	27,1%	5	10,4%	2	2,2%	60	15,1%
Other Tankers									0	
Passenger Ships	2	1,1%	1	1,2%					3	0,8%
Offshore Vessels	18	10,3%	23	27,1%	6	12,5%	52	57,1%	99	24,9%
Service Ships	1	0,6%	5	5,9%					6	1,5%
Tugs										
Total	174	100%	85	100%	48	100%	91	100%	398	100%

Source: Equasis / ⁽¹⁾ GT≥60.000**Table 131 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and age – 2005-2007**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	1 949	10,2%							1 949	4,4%
Ro-Ro Cargo Ships	441	2,3%							441	1,0%
Bulk Carriers	2 526	13,2%			222	3,9%	134	1,3%	2 882	6,5%
Oil and Chemical Tankers	8 446	44,0%	4 236	46,5%	4 360	76,6%	3 947	38,6%	20 989	47,5%
Gas Tankers	3 212	16,7%	2 549	28,0%	517	9,1%	191	1,9%	6 469	14,6%
Other Tankers									0	0,0%
Passenger Ships	174	0,9%	77	0,8%					251	0,6%
Offshore Vessels	2 377	12,4%	1 887	20,7%	590	10,4%	5 943	58,2%	10 796	24,4%
Service Ships	69	0,4%	357	3,9%					426	1,0%
Tugs										
Total	19 194	100%	9 106	100%	5 689	100%	10 215	100%	44 204	100%

Source: Equasis / ⁽¹⁾ GT≥60.000**Graph 120 - Total number of very large ships without inspection record, by age – 2005-2007****Graph 121 - Gross tonnage of very large ships without inspection record, by age – 2005-2007**

5.3. SHIPS WITHOUT INSPECTION

RECORD - BY CLASS

WHOLE FLEET GT≥500

Table 132 - Total number of ships GT≥500 without inspection record, by type and class – 2005-2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	754	9,1%	655	53,6%	3 043	36,1%	4 452	25%
Specialized Cargo Ships	26	0,3%	4	0,3%	42	0,5%	72	0,4%
Container Ships	258	3,1%	21	1,7%	140	1,7%	419	2,3%
Ro-Ro Cargo Ships	205	2,5%	14	1,1%	148	1,8%	367	2,0%
Bulk Carriers	517	6,3%	47	3,8%	455	5,4%	1 019	5,7%
Oil and Chemical Tankers	1 967	23,8%	191	15,6%	1 525	18,1%	3 683	20,6%
Gas Tankers	343	4,2%	4	0,3%	125	1,5%	472	2,6%
Other Tankers	43	0,5%	13	1,1%	52	0,6%	108	0,6%
Passenger Ships	741	9,0%	195	16,0%	1 224	14,5%	2 160	12,1%
Offshore Vessels	2 057	24,9%	24	2,0%	482	5,7%	2 563	14,3%
Service Ships	870	10,5%	36	2,9%	996	11,8%	1 902	10,6%
Tugs	476	5,8%	17	1,4%	200	2,4%	693	3,9%
Total	8 257	100%	1 221	100%	8 432	100%	17 910	100%

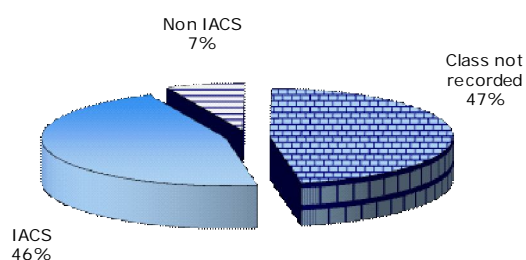
Source: Equasis - IACS membership on 31/12/2007

Table 133 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and class – 2005-2007

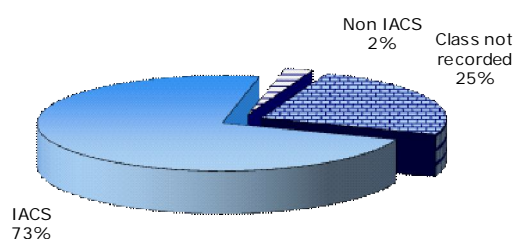
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 687	3,0%	1 223	42,9%	7 525	24,6%	11 435	9%
Specialized Cargo Ships	141	0,2%	21	0,7%	95	0,3%	257	0%
Container Ships	5 138	5,7%	107	3,8%	2 381	7,8%	7 626	6%
Ro-Ro Cargo Ships	2 487	2,8%	92	3,2%	634	2,1%	3 213	3%
Bulk Carriers	10 540	11,8%	178	6,2%	5 719	18,7%	16 438	13%
Oil and Chemical Tankers	36 267	40,5%	438	15,4%	4 790	15,7%	41 495	34%
Gas Tankers	7 704	8,6%	6	0,2%	1 002	3,3%	8 712	7%
Other Tankers	119	0,1%	23	0,8%	58	0,2%	201	0%
Passenger Ships	4 815	5,4%	598	21,0%	3 205	10,5%	8 618	7%
Offshore Vessels	14 180	15,8%	105	3,7%	2 528	8,3%	16 813	14%
Service Ships	4 967	5,5%	45	1,6%	2 434	8,0%	7 446	6%
Tugs	476	0,5%	13	0,5%	156	0,5%	645	1%
Total	89 520	100%	2 848	100%	30 529	100%	122 898	100%

Source: Equasis - IACS membership on 31/12/2007

Graph 122 - Total number of ships GT≥500 without inspection record, by class – 2005-2007



Graph 123 - Gross tonnage of ships GT≥500 without inspection record, by class – 2005-2007



MEDIUM SHIPS

Table 134 - Total number of medium⁽¹⁾ ships without inspection record, by type and class – 2005-2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	752	10,3%	655	53,8%	3 043	36,7%	4 450	26%
Specialized Cargo Ships	26	0,4%	4	0,3%	42	0,5%	72	0,4%
Container Ships	198	2,7%	20	1,6%	112	1,4%	330	2,0%
Ro-Ro Cargo Ships	180	2,5%	14	1,1%	145	1,8%	339	2,0%
Bulk Carriers	354	4,8%	47	3,9%	405	4,9%	806	4,8%
Oil and Chemical Tankers	1 569	21,4%	190	15,6%	1 495	18,0%	3 254	19,3%
Gas Tankers	265	3,6%	4	0,3%	117	1,4%	386	2,3%
Other Tankers	43	0,6%	13	1,1%	52	0,6%	108	0,6%
Passenger Ships	700	9,5%	195	16,0%	1 222	14,7%	2 117	12,6%
Offshore Vessels	1 940	26,4%	23	1,9%	459	5,5%	2 422	14,4%
Service Ships	833	11,4%	36	3,0%	993	12,0%	1 862	11,1%
Tugs	476	6,5%	17	1,4%	200	2,4%	693	4,1%
Total	7 336	100%	1 218	100%	8 285	100%	16 839	100%

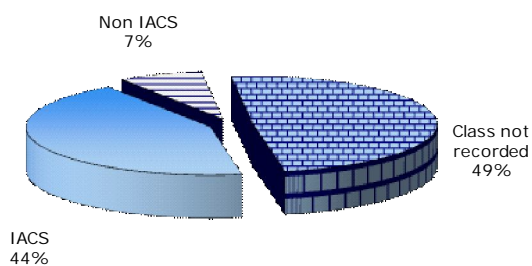
Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007

Table 135 - Gross tonnage (in 1000 t) of ships without inspection record, by type and class – 2005-2007

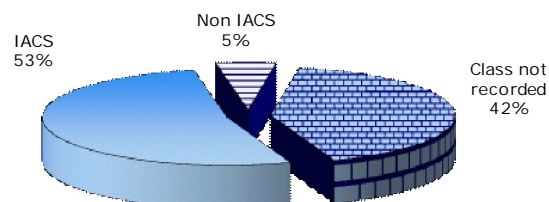
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 623	9,3%	1 223	45,3%	7 525	33,5%	11 370	21%
Specialized Cargo Ships	141	0,5%	21	0,8%	95	0,4%	257	0%
Container Ships	2 316	8,2%	79	2,9%	735	3,3%	3 130	6%
Ro-Ro Cargo Ships	1 365	4,8%	92	3,4%	491	2,2%	1 949	4%
Bulk Carriers	3 064	10,8%	178	6,6%	3 980	17,7%	7 222	14%
Oil and Chemical Tankers	7 163	25,3%	391	14,5%	3 191	14,2%	10 745	20%
Gas Tankers	929	3,3%	6	0,2%	140	0,6%	1 075	2%
Other Tankers	119	0,4%	23	0,9%	58	0,3%	201	0%
Passenger Ships	3 311	11,7%	598	22,1%	3 128	13,9%	7 036	13%
Offshore Vessels	3 492	12,3%	29	1,1%	639	2,8%	4 160	8%
Service Ships	3 311	11,7%	45	1,7%	2 317	10,3%	5 673	11%
Tugs	476	1,7%	13	0,5%	156	0,7%	645	1%
Total	28 310	100%	2 698	100%	22 456	100%	53 463	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2007

Graph 124 - Total number of medium ships without inspection record, by class – 2005-2007



Graph 125 - Gross tonnage of medium ships without inspection record, by class – 2005-2007



LARGE SHIPS

Table 136 - Total number of large⁽¹⁾ ships without inspection record, by type and class – 2005-2007

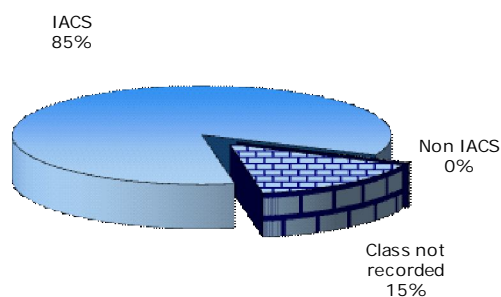
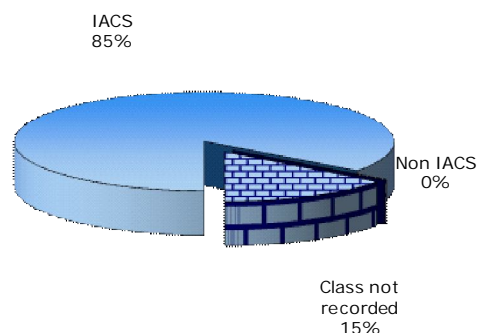
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2	0,4%					2	0,3%
Specialized Cargo Ships							0	0,0%
Container Ships	49	8,6%	1	50%	18	17,3%	68	10,1%
Ro-Ro Cargo Ships	18	3,2%			3	2,9%	21	3,1%
Bulk Carriers	137	24,2%			47	45,2%	184	27,3%
Oil and Chemical Tankers	233	41,1%	1	50%	22	21,2%	256	38,0%
Gas Tankers	25	4,4%			1	1,0%	26	3,9%
Other Tankers								
Passenger Ships	38	6,7%			2	1,9%	40	5,9%
Offshore Vessels	34	6,0%			8	7,7%	42	6,2%
Service Ships	31	5,5%			3	2,9%	34	5,1%
Tugs								
Total	567	100%	2	100%	104	100%	673	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Table 137 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and class – 2005-2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	65	0,3%					65	0%
Specialized Cargo Ships	0	0,0%					0	0%
Container Ships	1 851	8,6%	28	37%	668	18,1%	2 547	10%
Ro-Ro Cargo Ships	680	3,2%			143	3,9%	823	3%
Bulk Carriers	4 819	22,5%			1 514	40,9%	6 333	25%
Oil and Chemical Tankers	8 935	41,6%	47	63%	778	21,0%	9 760	39%
Gas Tankers	1 121	5,2%			47	1,3%	1 168	5%
Other Tankers								
Passenger Ships	1 253	5,8%			78	2,1%	1 331	5%
Offshore Vessels	1 504	7,0%			353	9,5%	1 857	7%
Service Ships	1 230	5,7%			117	3,2%	1 347	5%
Tugs								
Total	21 458	100%	75	100%	3 697	100%	25 230	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2007

Graph 126 - Total number of large ships without inspection record, by class – 2005-2007**Graph 127 - Gross tonnage of large ships without inspection record, by class – 2005-2007**

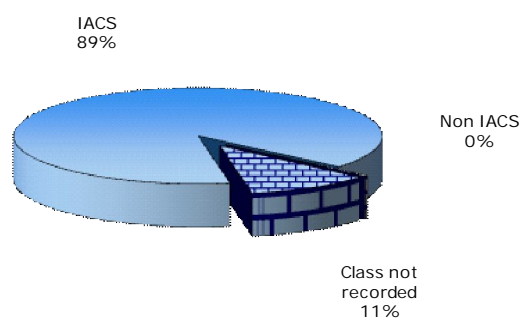
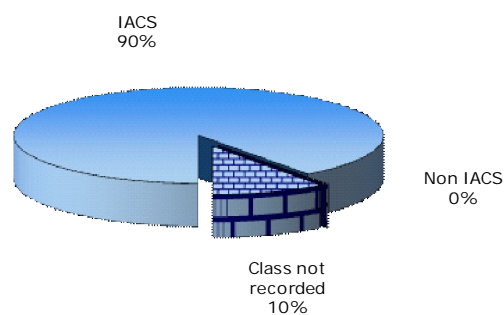
VERY LARGE SHIPS

Table 138 - Total number of very large⁽¹⁾ ships without inspection record, by type and class – 2005-2007

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	11	3,1%			10	23,3%	21	5,3%
Ro-Ro Cargo Ships	7	2,0%					7	1,8%
Bulk Carriers	26	7,3%			3	7,0%	29	7,3%
Oil and Chemical Tankers	165	46,6%			8	18,6%	173	43,5%
Gas Tankers	53	15,0%			7	16,3%	60	15,1%
Other Tankers								
Passenger Ships	3	0,8%			0	0,0%	3	0,8%
Offshore Vessels	83	23,4%	1	100%	15	34,9%	99	24,9%
Service Ships	6	1,7%					6	1,5%
Tugs								
Total	354	100%	1	100%	43	100%	398	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2007**Table 139 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and class – 2005-2007**

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	970	2,4%			979	22,4%	1 949	4%
Ro-Ro Cargo Ships	441	1,1%					441	1%
Bulk Carriers	2 657	6,7%			226	5,2%	2 882	7%
Oil and Chemical Tankers	20 169	50,7%			821	18,8%	20 989	47%
Gas Tankers	5 654	14,2%			815	18,6%	6 469	15%
Other Tankers	0	0,0%						
Passenger Ships	251	0,6%			0	0,0%	251	1%
Offshore Vessels	9 184	23,1%	75	100%	1 536	35,1%	10 796	24%
Service Ships	426	1,1%					426	1%
Tugs								
Total	39 752	100%	75	100%	4 377	100%	44 204	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2007**Graph 128 - Total number of very large ships without inspection record, by class – 2005-2007****Graph 129 - Gross tonnage of very large ships without inspection record, by class – 2005-2007**

5.4. SHIPS WITHOUT INSPECTION

RECORD - BY FLAG

WHOLE FLEET GT≥500

Table 140 - Total number of ships GT≥500 without inspection record, by type and flag – 2005-2007

Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	5 920	38,0%	2 328	32,6%	8 248	36,3%	2 981	23,1%	2 124	19,7%	5 105	22%
Specialized Cargo Ships	78	0,5%	43	0,6%	121	0,5%	70	0,5%	29	0,3%	99	0%
Container Ships	1 809	11,6%	195	2,7%	2 004	8,8%	2 080	16,1%	224	2,1%	2 304	10%
Ro-Ro Cargo Ships	743	4,8%	124	1,7%	867	3,8%	487	3,8%	243	2,3%	730	3%
Bulk Carriers	3 431	22,0%	283	4,0%	3 714	16,3%	2 608	20,2%	736	6,8%	3 344	14%
Oil and Chemical Tankers	2 346	15,0%	1 728	24,2%	4 074	17,9%	2 991	23,2%	1 955	18,2%	4 946	21%
Gas Tankers	354	2,3%	139	1,9%	493	2,2%	484	3,7%	333	3,1%	817	3%
Other Tankers	69	0,4%	53	0,7%	122	0,5%	50	0,4%	55	0,5%	105	0%
Passenger Ships	339	2,2%	626	8,8%	965	4,2%	465	3,6%	1 534	14,3%	1 999	8%
Offshore Vessels	250	1,6%	876	12,3%	1 126	4,9%	409	3,2%	1 687	15,7%	2 096	9%
Service Ships	188	1,2%	531	7,4%	719	3,2%	205	1,6%	1 371	12,7%	1 576	7%
Tugs	70	0,4%	225	3,1%	295	1,3%	77	0,6%	468	4,3%	545	2%
Total	15 597	100%	7 151	100%	22 748	100%	12 907	100%	10 759	100%	23 666	100%

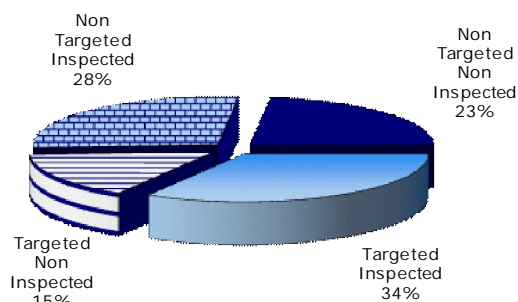
Source: Equasis

Table 141 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and flag – 2005-2007

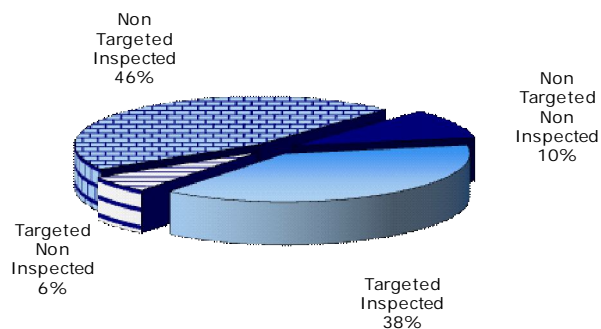
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	28 189	9,5%	5 493	12,5%	33 682	10%	20 585	5,8%	5 942	7,5%	26 527	6%
Specialized Cargo Ships	1 263	0,4%	151	0,3%	1 414	0%	1 008	0,3%	106	0,1%	1 114	0%
Container Ships	51 089	17,2%	4 000	9,1%	55 088	16%	67 436	19,1%	3 626	4,6%	71 062	16%
Ro-Ro Cargo Ships	21 109	7,1%	1 061	2,4%	22 169	7%	13 619	3,9%	2 152	2,7%	15 772	4%
Bulk Carriers	109 488	36,9%	5 492	12,5%	114 980	34%	91 879	26,1%	10 946	13,9%	102 825	24%
Oil and Chemical Tankers	68 144	23,0%	16 708	37,9%	84 852	25%	122 450	34,8%	24 786	31,4%	147 236	34%
Gas Tankers	7 398	2,5%	1 649	3,7%	9 047	3%	18 103	5,1%	7 063	9,0%	25 166	6%
Other Tankers	195	0,1%	83	0,2%	278	0%	367	0,1%	118	0,1%	484	0%
Passenger Ships	7 900	2,7%	3 052	6,9%	10 953	3%	13 858	3,9%	5 566	7,1%	19 424	5%
Offshore Vessels	1 246	0,4%	4 668	10,6%	5 914	2%	1 787	0,5%	12 145	15,4%	13 932	3%
Service Ships	688	0,2%	1 464	3,3%	2 152	1%	1 175	0,3%	5 982	7,6%	7 157	2%
Tugs	103	0,0%	255	0,6%	358	0%	93	0,0%	390	0,5%	483	0%
Total	296 812	100%	44 076	100%	340 888	100%	352 360	100%	78 822	100%	431 182	100%

Source: Equasis

Graph 130 - Total number of ships GT≥500 without inspection record, by flag – 2005-2007



Graph 131 - Gross tonnage of ships GT≥500 without inspection record, by flag – 2005-2007



MEDIUM SHIPS

Table 142 - Total number of medium⁽¹⁾ ships without inspection record, by type and flag – 2005-2007

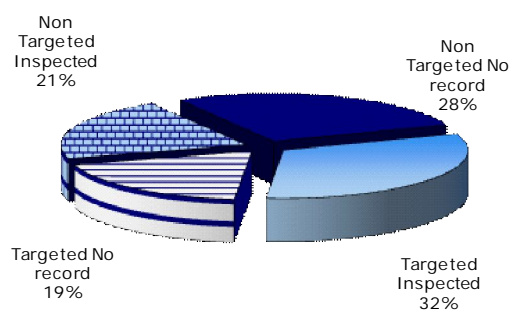
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	5 875	50,8%	2 327	34,3%	8 202	44,7%	2 828	37,1%	2 123	21,1%	4 951	28%
Specialized Cargo Ships	54	0,5%	43	0,6%	97	0,5%	57	0,7%	29	0,3%	86	0%
Container Ships	1 074	9,3%	149	2,2%	1 223	6,7%	916	12,0%	181	1,8%	1 097	6%
Ro-Ro Cargo Ships	373	3,2%	114	1,7%	487	2,7%	263	3,4%	225	2,2%	488	3%
Bulk Carriers	1 628	14,1%	209	3,1%	1 837	10,0%	965	12,6%	597	5,9%	1 562	9%
Oil and Chemical Tankers	1 515	13,1%	1 574	23,2%	3 089	16,8%	1 332	17,5%	1 680	16,7%	3 012	17%
Gas Tankers	254	2,2%	121	1,8%	375	2,0%	273	3,6%	265	2,6%	538	3%
Other Tankers	68	0,6%	53	0,8%	121	0,7%	46	0,6%	55	0,5%	101	1%
Passenger Ships	219	1,9%	599	8,8%	818	4,5%	273	3,6%	1 518	15,1%	1 791	10%
Offshore Vessels	240	2,1%	837	12,3%	1 077	5,9%	401	5,3%	1 585	15,8%	1 986	11%
Service Ships	187	1,6%	530	7,8%	717	3,9%	201	2,6%	1 332	13,2%	1 533	9%
Tugs	70	0,6%	225	3,3%	295	1,6%	77	1,0%	468	4,7%	545	3%
Total	11 557	100%	6 781	100%	18 338	100%	7 632	100%	10 058	100%	17 690	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 143 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and flag – 2005-2007

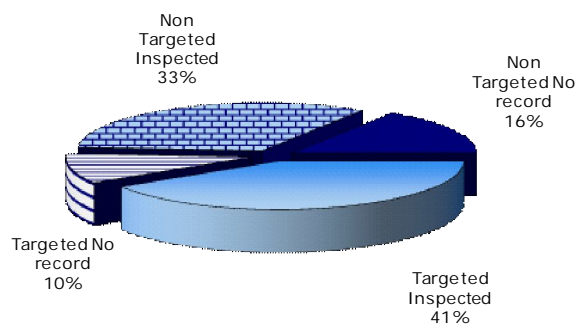
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	26 839	31,6%	5 455	26,5%	32 294	31%	16 103	23,6%	5 916	18,0%	22 019	22%
Specialized Cargo Ships	423	0,5%	151	0,7%	575	1%	503	0,7%	106	0,3%	609	1%
Container Ships	12 585	14,8%	1 355	6,6%	13 940	13%	11 512	16,9%	1 776	5,4%	13 287	13%
Ro-Ro Cargo Ships	3 928	4,6%	601	2,9%	4 529	4%	3 279	4,8%	1 348	4,1%	4 627	5%
Bulk Carriers	24 558	28,9%	1 567	7,6%	26 125	25%	16 170	23,7%	5 656	17,2%	21 825	22%
Oil and Chemical Tankers	11 822	13,9%	5 666	27,5%	17 487	17%	13 073	19,1%	5 079	15,5%	18 152	18%
Gas Tankers	1 252	1,5%	444	2,2%	1 696	2%	2 148	3,1%	631	1,9%	2 779	3%
Other Tankers	165	0,2%	83	0,4%	248	0%	239	0,3%	118	0,4%	356	0%
Passenger Ships	2 127	2,5%	2 184	10,6%	4 311	4%	3 001	4,4%	4 852	14,8%	7 853	8%
Offshore Vessels	471	0,6%	1 420	6,9%	1 891	2%	1 186	1,7%	2 740	8,3%	3 925	4%
Service Ships	658	0,8%	1 431	6,9%	2 089	2%	983	1,4%	4 242	12,9%	5 225	5%
Tugs	103	0,1%	255	1,2%	358	0%	93	0,1%	390	1,2%	483	0%
Total	84 932	100%	20 612	100%	105 543	100%	68 290	100%	32 852	100%	101 142	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 132 - Total number of medium ships without inspection record, by flag – 2005-2007



Graph 133 - Gross tonnage of medium ships without inspection record, by flag – 2005-2007



LARGE SHIPS

Table 144 - Total number of large⁽¹⁾ ships without inspection record, by type and flag – 2005-2007

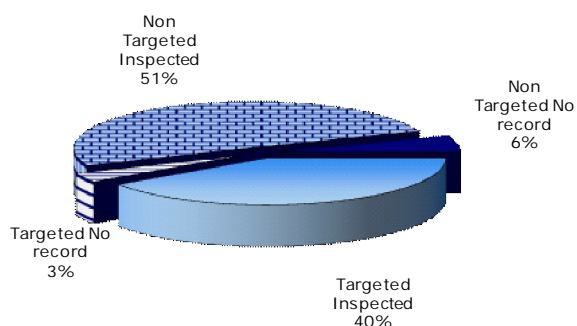
Ship Type	Inspected		No record		Total		Inspected		No record	
General Cargo Ships	45	1,5%			45	1,4%	153	4,1%	1	0,2%
Specialized Cargo Ships	24	0,8%	0	0,0%	24	0,7%	12	0,3%	0	0,0%
Container Ships	496	16,4%	32	13,3%	528	16,2%	881	23,3%	36	8,4%
Ro-Ro Cargo Ships	331	10,9%	7	2,9%	338	10,4%	207	5,5%	14	3,2%
Bulk Carriers	1 401	46,3%	56	23,2%	1 457	44,6%	1 282	34,0%	128	29,7%
Oil and Chemical Tankers	564	18,7%	95	39,4%	659	20,2%	1 027	27,2%	161	37,4%
Gas Tankers	65	2,2%	11	4,6%	76	2,3%	83	2,2%	15	3,5%
Other Tankers	1	0,0%			1	0,0%	4	0,1%		
Passenger Ships	94	3,1%	27	11,2%	121	3,7%	118	3,1%	13	3,0%
Offshore Vessels	2	0,1%	12	5,0%	14	0,4%	5	0,1%	30	7,0%
Service Ships			1	0,4%	1	0,0%	3	0,1%	33	7,7%
Tugs										
Total	3 023	100%	241	100%	3 264	100%	3 775	100%	431	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 145 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and flag – 2005-2007

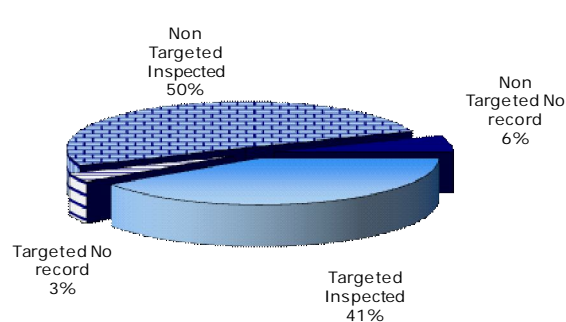
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	1 350	1,2%			1 350	1%	4 482	3,2%	26	0,2%	4 508	3%
Specialized Cargo Ships	839	0,7%	0	0,0%	839	1%	427	0,3%	0	0,0%	427	0%
Container Ships	19 159	16,8%	1 225	13,7%	20 384	17%	33 976	23,9%	1 322	8,1%	35 298	22%
Ro-Ro Cargo Ships	14 690	12,9%	274	3,1%	14 965	12%	9 247	6,5%	549	3,4%	9 796	6%
Bulk Carriers	49 639	43,6%	2 051	22,9%	51 690	42%	44 395	31,3%	4 282	26,4%	48 677	31%
Oil and Chemical Tankers	21 876	19,2%	3 501	39,0%	25 377	21%	41 212	29,0%	6 260	38,6%	47 471	30%
Gas Tankers	2 718	2,4%	460	5,1%	3 178	3%	3 477	2,5%	709	4,4%	4 185	3%
Other Tankers	30	0,0%			30	0%	128	0,1%			128	0%
Passenger Ships	3 395	3,0%	868	9,7%	4 263	3%	4 196	3,0%	463	2,9%	4 659	3%
Offshore Vessels	95	0,1%	559	6,2%	654	1%	206	0,1%	1 298	8,0%	1 503	1%
Service Ships			33	0,4%	33	0%	123	0,1%	1 314	8,1%	1 437	1%
Tugs												
Total	113 792	100%	8 971	100%	122 763	100%	141 868	100%	16 221	100%	158 089	100%

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

Graph 134 - Total number of large ships without inspection record, by flag – 2005-2007



Graph 135 - Gross tonnage of large ships without inspection record, by flag – 2005-2007



VERY LARGE SHIPS

Table 146 - Total number of very large⁽¹⁾ ships without inspection record, by type and flag – 2005-2007

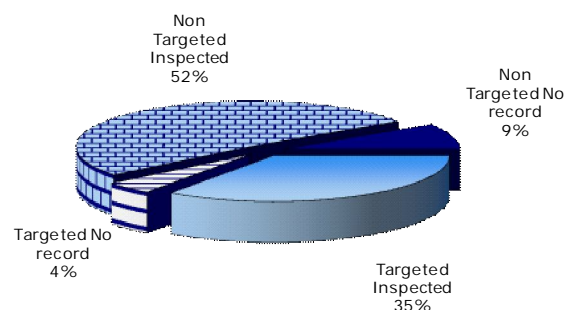
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	239	23,5%	14	10,9%	253	22,1%	283	18,9%	7	2,6%	290	16%
Ro-Ro Cargo Ships	39	3,8%	3	2,3%	42	3,7%	17	1,1%	4	1,5%	21	1%
Bulk Carriers	402	39,6%	18	14,1%	420	36,7%	361	24,1%	11	4,1%	372	21%
Oil and Chemical Tankers	267	26,3%	59	46,1%	326	28,5%	632	42,2%	114	42,2%	746	42%
Gas Tankers	35	3,4%	7	5,5%	42	3,7%	128	8,5%	53	19,6%	181	10%
Other Tankers												
Passenger Ships	26	2,6%	0	0,0%	26	2,3%	74	4,9%	3	1,1%	77	4%
Offshore Vessels	8	0,8%	27	21,1%	35	3,1%	3	0,2%	72	26,7%	75	4%
Service Ships							1	0,1%	6	2,2%	7	0%
Tugs												
Total	1 016	100%	128	100%	1 144	100%	1 499	100%	270	100%	1 769	100%

Source: Equasis - ⁽¹⁾GT≥60.000Table 147 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and flag – 2005-2007

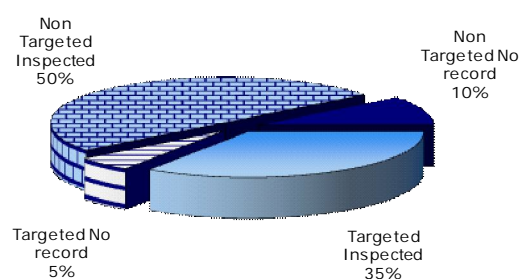
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	19 344	19,7%	1 420	9,8%	20 764	18%	21 948	15,4%	529	1,8%	22 477	13%
Ro-Ro Cargo Ships	2 490	2,5%	186	1,3%	2 676	2%	1 093	0,8%	255	0,9%	1 348	1%
Bulk Carriers	35 291	36,0%	1 874	13,0%	37 165	33%	31 314	22,0%	1 009	3,4%	32 323	19%
Oil and Chemical Tankers	34 446	35,1%	7 542	52,2%	41 988	37%	68 165	48,0%	13 448	45,2%	81 613	47%
Gas Tankers	3 428	3,5%	745	5,2%	4 173	4%	12 478	8,8%	5 724	19,2%	18 202	11%
Other Tankers												
Passenger Ships	2 378	2,4%	0	0,0%	2 378	2%	6 661	4,7%	251	0,8%	6 912	4%
Offshore Vessels	680	0,7%	2 689	18,6%	3 369	3%	396	0,3%	8 107	27,3%	8 503	5%
Service Ships							69	0,0%	426	1,4%	496	0%
Tugs												
Total	98 058	100%	14 455	100%	112 513	100%	142 124	100%	29 749	100%	171 873	100%

Source: Equasis - ⁽¹⁾GT≥60.000

Graph 136 - Total number of very large ships without inspection record, by flag – 2005-2007



Graph 137 - Gross tonnage of very large ships without inspection record, by flag – 2005-2007



5.5. SHIPS WITHOUT INSPECTION

RECORD - BY IGP&I

WHOLE FLEET GT≥500

Table 148 - Total number of ships GT≥500 without inspection record, by type and IGP&I – 2005-2007

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	4 481	20,5%	361	6,8%	4 842	17,9%	4 420	66,1%	4 091	32,4%	8 511	44%
Specialized Cargo Ships	122	0,6%	13	0,2%	135	0,5%	26	0,4%	59	0,5%	85	0%
Container Ships	3 569	16,4%	280	5,3%	3 849	14,2%	320	4,8%	139	1,1%	459	2%
Ro-Ro Cargo Ships	1 070	4,9%	86	1,6%	1 156	4,3%	160	2,4%	281	2,2%	441	2%
Bulk Carriers	5 373	24,6%	331	6,2%	5 704	21,0%	666	10,0%	688	5,5%	1 354	7%
Oil and Chemical Tankers	4 840	22,2%	1 369	25,8%	6 209	22,9%	497	7,4%	2 314	18,3%	2 811	15%
Gas Tankers	773	3,5%	209	3,9%	982	3,6%	65	1,0%	263	2,1%	328	2%
Other Tankers	73	0,3%	20	0,4%	93	0,3%	46	0,7%	88	0,7%	134	1%
Passenger Ships	664	3,0%	783	14,8%	1 447	5,3%	140	2,1%	1 377	10,9%	1 517	8%
Offshore Vessels	508	2,3%	1 191	22,5%	1 699	6,3%	151	2,3%	1 372	10,9%	1 523	8%
Service Ships	235	1,1%	376	7,1%	611	2,3%	158	2,4%	1 526	12,1%	1 684	9%
Tugs	105	0,5%	280	5,3%	385	1,4%	42	0,6%	413	3,3%	455	2%
Total	21 813	100%	5 299	100%	27 112	100%	6 691	100%	12 611	100%	19 302	100%

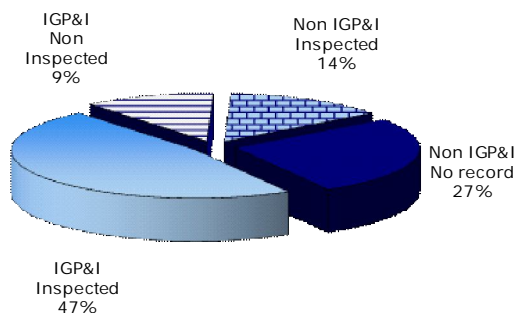
Source: Equasis

Table 149 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and IGP&I – 2005-2007

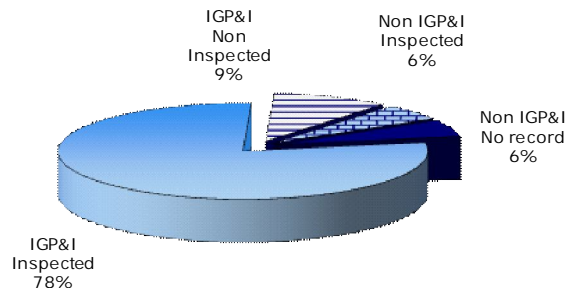
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	33 867	5,6%	1 558	2,0%	35 425	5%	14 907	34,7%	9 877	22,4%	24 784	29%
Specialized Cargo Ships	2 092	0,3%	126	0,2%	2 218	0%	178	0,4%	131	0,3%	310	0%
Container Ships	113 512	18,7%	6 374	8,1%	119 886	17%	5 013	11,7%	1 252	2,8%	6 265	7%
Ro-Ro Cargo Ships	33 405	5,5%	1 639	2,1%	35 044	5%	1 323	3,1%	1 574	3,6%	2 897	3%
Bulk Carriers	188 738	31,1%	9 368	11,9%	198 106	29%	12 630	29,4%	7 069	16,1%	19 699	23%
Oil and Chemical Tankers	184 346	30,4%	33 991	43,1%	218 337	32%	6 247	14,5%	7 503	17,1%	13 751	16%
Gas Tankers	24 983	4,1%	8 165	10,3%	33 147	5%	519	1,2%	547	1,2%	1 066	1%
Other Tankers	426	0,1%	69	0,1%	496	0%	135	0,3%	131	0,3%	267	0%
Passenger Ships	20 580	3,4%	4 131	5,2%	24 711	4%	1 179	2,7%	4 486	10,2%	5 665	7%
Offshore Vessels	2 796	0,5%	10 468	13,3%	13 264	2%	238	0,6%	6 345	14,4%	6 582	8%
Service Ships	1 326	0,2%	2 739	3,5%	4 065	1%	537	1,3%	4 708	10,7%	5 245	6%
Tugs	155	0,0%	264	0,3%	419	0%	40	0,1%	381	0,9%	422	0%
Total	606 227	100%	78 892	100%	685 119	100%	42 945	100%	44 006	100%	86 951	100%

Source: Equasis

Graph 138 - Total number of ships GT≥500 without inspection record, by IGP&I – 2005-2007



Graph 139 - Gross tonnage of ships GT≥500 without inspection record, by IGP&I – 2005-2007



MEDIUM SHIPS

Table 150 - Total number of medium⁽¹⁾ ships without inspection record, by type and IGP&I – 2005-2007

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	4 285	33,5%	360	8,2%	4 645	27,0%	4 418	69,1%	4 090	32,9%	8 508	45,2%
Specialized Cargo Ships	87	0,7%	13	0,3%	100	0,6%	24	0,4%	59	0,5%	83	0,4%
Container Ships	1 722	13,5%	200	4,5%	1 922	11,2%	268	4,2%	130	1,0%	398	2,1%
Ro-Ro Cargo Ships	484	3,8%	62	1,4%	546	3,2%	152	2,4%	277	2,2%	429	2,3%
Bulk Carriers	2 080	16,3%	177	4,0%	2 257	13,1%	513	8,0%	629	5,1%	1 142	6,1%
Oil and Chemical Tankers	2 421	18,9%	976	22,1%	3 397	19,7%	426	6,7%	2 278	18,3%	2 704	14,4%
Gas Tankers	467	3,6%	126	2,9%	593	3,4%	60	0,9%	260	2,1%	320	1,7%
Other Tankers	69	0,5%	20	0,5%	89	0,5%	45	0,7%	88	0,7%	133	0,7%
Passenger Ships	357	2,8%	745	16,9%	1 102	6,4%	135	2,1%	1 372	11,0%	1 507	8,0%
Offshore Vessels	490	3,8%	1 099	24,9%	1 589	9,2%	151	2,4%	1 323	10,6%	1 474	7,8%
Service Ships	232	1,8%	349	7,9%	581	3,4%	156	2,4%	1 513	12,2%	1 669	8,9%
Tugs	105	0,8%	280	6,4%	385	2,2%	42	0,7%	413	3,3%	455	2,4%
Total	12 799	100%	4 407	100%	17 206	100%	6 390	100%	12 432	100%	18 822	100%

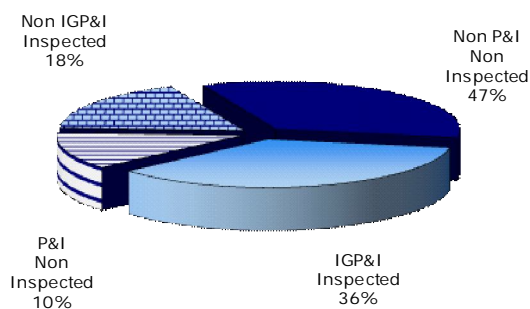
Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - ⁽²⁾ Inspections in the period 2005-2007

Table 151 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and IGP&I – 2005-2007

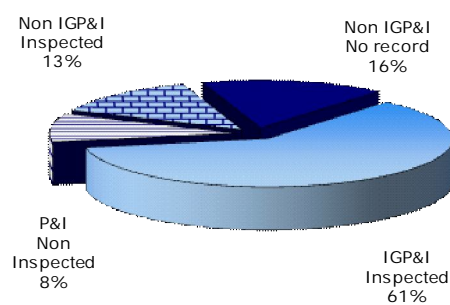
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	28 102	22,4%	1 532	7,8%	29 633	20,4%	14 841	53,4%	9 839	29,1%	24 680	40,1%
Specialized Cargo Ships	830	0,7%	126	0,6%	955	0,7%	97	0,3%	131	0,4%	229	0,4%
Container Ships	22 004	17,5%	2 438	12,4%	24 442	16,8%	2 093	7,5%	693	2,0%	2 785	4,5%
Ro-Ro Cargo Ships	6 229	5,0%	485	2,5%	6 713	4,6%	979	3,5%	1 464	4,3%	2 443	4,0%
Bulk Carriers	34 557	27,6%	2 137	10,9%	36 694	25,3%	6 171	22,2%	5 085	15,0%	11 256	18,3%
Oil and Chemical Tankers	23 143	18,5%	5 581	28,4%	28 724	19,8%	1 752	6,3%	5 163	15,3%	6 915	11,2%
Gas Tankers	3 239	2,6%	717	3,6%	3 956	2,7%	161	0,6%	358	1,1%	519	0,8%
Other Tankers	299	0,2%	69	0,4%	368	0,3%	105	0,4%	131	0,4%	236	0,4%
Passenger Ships	4 265	3,4%	2 718	13,8%	6 983	4,8%	864	3,1%	4 317	12,8%	5 181	8,4%
Offshore Vessels	1 419	1,1%	2 142	10,9%	3 562	2,5%	238	0,9%	2 018	6,0%	2 255	3,7%
Service Ships	1 170	0,9%	1 448	7,4%	2 619	1,8%	471	1,7%	4 225	12,5%	4 696	7,6%
Tugs	155	0,1%	264	1,3%	419	0,3%	40	0,1%	381	1,1%	422	0,7%
Total	125 411	100%	19 657	100%	145 068	100%	27 810	100%	33 807	100%	61 617	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 140 - Total number of medium ships without inspection record, by IGP&I – 2005-2007



Graph 141 - Gross tonnage of medium ships without inspection record, by IGP&I – 2005-2007



LARGE SHIPS

Table 152 - Total number of large⁽¹⁾ ships without inspection record, by type and IGP&I – 2005-2007

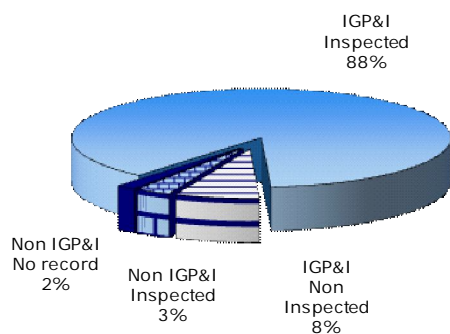
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	196	3,0%	1	0,2%	197	2,8%	2	0,9%	1	0,8%	3	0,8%
Specialized Cargo Ships	34	0,5%			34	0,5%	2	0,9%			2	0,6%
Container Ships	1 348	20,5%	62	11,4%	1 410	19,8%	29	12,6%	6	4,6%	35	9,7%
Ro-Ro Cargo Ships	532	8,1%	17	3,1%	549	7,7%	6	2,6%	4	3,1%	10	2,8%
Bulk Carriers	2 551	38,8%	128	23,6%	2 679	37,7%	132	57,4%	56	42,7%	188	52,1%
Oil and Chemical Tankers	1 540	23,4%	230	42,4%	1 770	24,9%	51	22,2%	26	19,8%	77	21,3%
Gas Tankers	145	2,2%	24	4,4%	169	2,4%	3	1,3%	2	1,5%	5	1,4%
Other Tankers	4	0,1%			4	0,1%	1	0,4%			1	0,3%
Passenger Ships	210	3,2%	35	6,5%	245	3,4%	2	0,9%	5	3,8%	7	1,9%
Offshore Vessels	7	0,1%	24	4,4%	31	0,4%	0	0,0%	18	13,7%	18	5,0%
Service Ships	2	0,0%	21	3,9%	23	0,3%	2	0,9%	13	9,9%	15	4,2%
Tugs												
Leisure Vessels												
Total	6 569	100%	542	100%	7 111	100%	230	100%	131	100%	361	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 153 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and IGP&I – 2005-2007

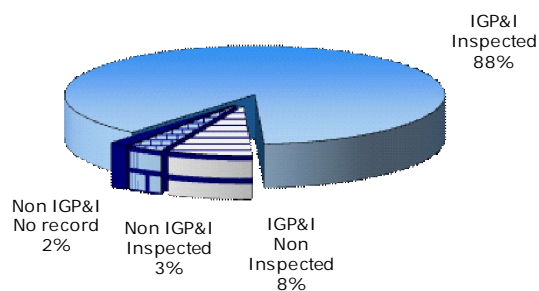
Ship Type	IGP&I				Non IGP&I			
	Inspected		No record		Inspected		No record	
General Cargo Ships	5 765	2,3%	26	0,1%	66	0,8%	38	0,8%
Specialized Cargo Ships	1 185	0,5%			81	0,9%		
Container Ships	52 085	21,1%	2 317	11,3%	1 051	12,2%	229	4,9%
Ro-Ro Cargo Ships	23 719	9,6%	713	3,5%	219	2,5%	110	2,4%
Bulk Carriers	89 428	36,2%	4 574	22,3%	4 607	53,3%	1 759	37,6%
Oil and Chemical Tankers	60 758	24,6%	8 657	42,1%	2 330	27,0%	1 103	23,6%
Gas Tankers	6 061	2,5%	1 076	5,2%	134	1,6%	93	2,0%
Other Tankers	128	0,1%			30	0,4%		
Passenger Ships	7 533	3,0%	1 162	5,7%	58	0,7%	169	3,6%
Offshore Vessels	300	0,1%	1 163	5,7%	0	0,0%	694	14,8%
Service Ships	87	0,0%	864	4,2%	66	0,8%	483	10,3%
Tugs								
Leisure Vessels								
Total	247 047	100%	20 552	100%	8 643	100%	4 678	100%

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

Graph 142 - Total number of large ships without inspection record, by IGP&I – 2005-2007



Graph 143 - Gross tonnage of large ships without inspection record, by IGP&I – 2005-2007



VERY LARGE SHIPS

Table 154 - Total number of very large⁽¹⁾ ships without inspection record, by type and IGP&I – 2005-2007

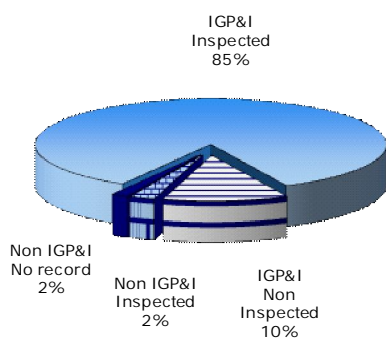
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	499	20,4%	18	5,1%	517	18,5%	23	32,4%	3	6,3%	26	21,8%
Ro-Ro Cargo Ships	54	2,2%	7	2,0%	61	2,2%	2	2,8%			2	1,7%
Bulk Carriers	742	30,4%	26	7,4%	768	27,5%	21	29,6%	3	6,3%	24	20,2%
Oil and Chemical Tankers	879	36,0%	163	46,6%	1 042	37,3%	20	28,2%	10	20,8%	30	25,2%
Gas Tankers	161	6,6%	59	16,9%	220	7,9%	2	2,8%	1	2,1%	3	2,5%
Other Tankers												
Passenger Ships	97	4,0%	3	0,9%	100	3,6%	3	4,2%			3	2,5%
Offshore Vessels	11	0,5%	68	19,4%	79	2,8%	0	0,0%	31	64,6%	31	26,1%
Service Ships	1	0,0%	6	1,7%	7	0,3%						
Tugs												
Total	2 444	100%	350	100%	2 794	100%	71	100%	48	100%	119	100%

Source: Equasis - ⁽¹⁾ GT≥60.000Table 155 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and IGP&I – 2005-2007

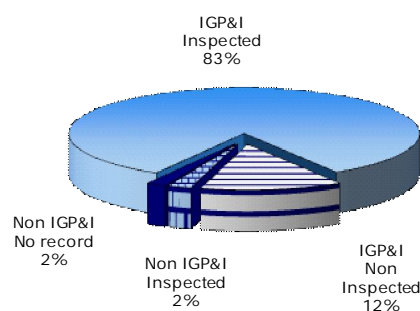
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	39 423	16,9%	1 619	4,2%	41 042	15,1%	1 869	28,8%	330	6,0%	2 200	18,3%
Ro-Ro Cargo Ships	3 458	1,5%	441	1,1%	3 899	1,4%	125	1,9%			125	1,0%
Bulk Carriers	64 753	27,7%	2 658	6,9%	67 411	24,7%	1 852	28,5%	224	4,1%	2 077	17,3%
Oil and Chemical Tankers	100 445	43,0%	19 753	51,1%	120 198	44,1%	2 166	33,4%	1 237	22,4%	3 402	28,3%
Gas Tankers	15 683	6,7%	6 372	16,5%	22 056	8,1%	223	3,4%	97	1,7%	319	2,7%
Other Tankers												
Passenger Ships	8 782	3,8%	251	0,6%	9 033	3,3%	257	4,0%			257	2,1%
Offshore Vessels	1 076	0,5%	7 163	18,5%	8 239	3,0%	0	0,0%	3 633	65,8%	3 633	30,2%
Service Ships	69	0,0%	426	1,1%	496	0,2%						
Tugs												
Total	233 690	100%	38 683	100%	272 373	100%	6 492	100%	5 521	100%	12 013	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - ⁽²⁾ Inspections in the period 2005-2007

Graph 144 - Total number of very large ships without inspection record, by IGP&I – 2005-2007



Graph 145 - Gross tonnage of very large ships without inspection record, by IGP&I – 2005-2007



Chapter 6

6. Trade Associations and Industry Vetting Programmes

INTRODUCTION

Several professional maritime trade associations and industry vetting programmes supply information to Equasis on ships covered by their schemes; such schemes are either company-based or ship-based. The company-based schemes (e.g. Intertanko) relate to certain ships types and aim to provide a mark of quality for ships covered by them. The ship-based schemes (e.g. OCIMF) provide industry inspection reports.

For each relevant ship type and size category the tables in Chapter 6.1 show the proportion of the fleet covered by each of the schemes which provide information to Equasis.

The ship types covered by each scheme are as follows:

Trade Associations

1. Intertanko	Oil & chemical tankers Gas carriers
2. Intercargo	Bulk carriers General cargo ships
3. Intermanager	General cargo ships Oil & chemical tankers Bulk carriers
4. Green Award	Oil & chemical tankers

Industry Vetting Programmes

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 schemes.

Shipping Companies

For each ship, Equasis records the company which provides the operational management either;

- a) under third-party contract, or
- b) managing ships owned by itself or its associated companies

In most cases the company shown is responsible for the operation of the ship and the duties and responsibilities imposed by the International Safety Management Code (ISM Code). The Code applies to passenger ships and other ships of 500 GT or more, trading internationally.

The tables in Chapter 6.3 show the make up of the fleet of ships in Equasis according to company fleet size, as measured by the number of ships over 100GT they operate. The tables also show the detention rates of ships over 500GT in each fleet size category.

The detention rate is the ratio between the number of detentions and the number of inspections in the Paris MOU, Tokyo MOU, Indian Ocean MoU (IO MoU) and USCG regions in 2007.

RESULTS

Table 156 indicates that the majority of ships are not covered by the trade associations and industry vetting programmes providing data to Equasis. However, of the large and very large oil, chemical and gas tankers just under a half (1569 out of 3316) are covered by Intertanko while nearly 90% are covered by OCIMF (2989 out of 3316). OCIMF also covers around 44% of medium-sized oil, chemical and gas tankers (3111 out of 7014).

Tables 159 to 161 suggest that medium, large and very large ships covered by one of the trade associations and industry vetting programs are inspected more frequently in the four regimes providing data to Equasis than those ships not covered – for example, large ships covered by Intertanko were each inspected on average 1.84 times (1820 inspections of 985 ships) compared with 1.33 times (1378 inspections of 1036 ships) for the ship types not covered by Intertanko.

Table 158 indicates that ships covered by a trade association or industry vetting programme were detained less often than those not covered. For example the detention rate of inspected ships covered by Intercargo was 1.3% compared with 4.1% for the ships types not covered. It is a

similar picture for ships covered by Intertanko, Intermanager, Green Award, CDI and OCIMF. This trend is more or less repeated over all ship sizes and among the very large fleet just 17 detentions (0.67%) resulted from the 2511 inspections of ships covered (Table 161).

Table 162 shows that just over a half (59.5%) of companies operate just one ship. Over 88% operate five or fewer, although these companies account for 36.1% of the fleet over 500GT by number. The table also shows that companies with more than 10 ships have smaller proportion of their ships under targeted flags than the average for the whole fleet – in the case of companies with 51 to 100 ships the proportion is 26% compared with the average of 49%.

Table 163 reveals that ships operated by larger companies had a much lower detention rate than those operated by smaller companies. For ships in companies with more than 50 ships the detention rate was around 1.3% while one- and two-ship companies had rates of 7.9% and 5.6% respectively.

6.1. SCHEME STATUS

Table 156 - Total number of ships, by size and vetting programmes and trade associations – 2007

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	955	6 059	985	1 036	584	711	2 524	7 806
% of Total	37,8%	77,6%	39,0%	13,3%	23,1%	9,1%		
Intercargo	181	16 371	432	2 635	144	648	757	19 654
% of Total	23,9%	83,3%	57,1%	13,4%	19,0%	3,3%		
Intermanager	221	35 807	143	7 329	60	2 854	424	45 990
% of Total	52,1%	77,9%	33,7%	15,9%	14,2%	6,2%		
Green Award	9	6 092	86	1 761	113	959	208	8 812
% of Total	4,3%	69,1%	41,3%	20,0%	54,3%	10,9%		
CDI	1 380	5 634	187	1 834	0	1 295	1 567	8 763
% of Total	88,1%	64,3%	11,9%	20,9%	0,0%	14,8%		
OCIMF	3 111	3 903	1 790	231	1 199	96	6 100	4 230
% of Total	51,0%	92,3%	29,3%	5,5%	19,7%	2,3%		

Source: Equasis ⁽¹⁾ 500≤GT<25.000 - ⁽²⁾ 25.000≤GT<60.000 - ⁽³⁾ GT≥60.000

Table 157 - Gross tonnage (in 1000 t) of ships, by size and vetting programmes and trade associations – 2007

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	12 292	27 821	39 832	40 378	67 470	78 504	119 594	146 703
% of Total	10,3%	19,0%	33,3%	27,5%	56,4%	53,5%		
Intercargo	3 267	98 995	14 781	91 481	12 449	57 038	30 497	247 514
% of Total	10,7%	40,0%	48,5%	37,0%	40,8%	23,0%		
Intermanager	2 286	203 798	5 170	2 757 49	6 103	2 783 60	13 559	757 907
% of Total	16,9%	26,9%	38,1%	36,4%	45,0%	36,7%		
Green Award	211	35 428	4 227	68 620	12 708	110 891	17 146	214 939
% of Total	1,2%	16,5%	24,7%	31,9%	74,1%	51,6%		
CDI	11 810	28 303	6 387	73 824	0	145 975	18 197	248 102
% of Total	64,9%	11,4%	35,1%	29,8%	0,0%	58,8%		
OCIMF	26 011	14 102	71 498	8 721	135 451	10 523	232 960	33 346
% of Total	11,2%	42,3%	30,7%	26,2%	58,1%	31,6%		

Source: Equasis ⁽¹⁾ 500≤GT<25.000 - ⁽²⁾ 25.000≤GT<60.000 - ⁽³⁾ GT≥60.000

6.2. SAFETY PERFORMANCE

Table 158 - Safety performance of ships, by inspections and detentions rates^(*) – 2007

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1,4%	1,8%	1,6%	57	106	163	4 110	5 967	10 077
in % of total				35,0%	65,0%		40,8%	59,2%	
Intercargo	1,3%	4,1%	3,9%	25	1 327	1 352	1 854	32 732	34 586
in % of total				1,8%	98,2%		5,4%	94,6%	
Intermanager	2,2%	3,0%	3,0%	17	1 749	1 766	761	57 515	58 276
in % of total				1,0%	99,0%		1,3%	98,7%	
Green Award	0,0%	1,4%	1,4%	0	122	122	322	8 456	8 778
in % of total					100,0%		3,7%	96,3%	
CDI	1,3%	2,3%	2,0%	41	160	201	3 079	6 998	10 077
in % of total				20,4%	79,6%		30,6%	69,4%	
OCIMF	0,9%	5,8%	1,6%	77	86	163	8 599	1 478	10 077
in % of total				47,2%	52,8%		85,3%	14,7%	

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

Table 159 - Safety performance of medium⁽¹⁾ ships, by inspections and detentions rates^(*) – 2007

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	2,1%	2,5%	2,4%	33	99	132	1 582	3 961	5 543
in % of total				25,0%	75,0%		28,5%	71,5%	
Intercargo	1,6%	4,6%	4,5%	8	1 182	1 190	511	25 949	26 460
in % of total				0,7%	99,3%		1,9%	98,1%	
Intermanager	2,8%	3,9%	3,9%	11	1 493	1 504	387	38 532	38 919
in % of total				0,7%	99,3%		1,0%	99,0%	
Green Award	0,0%	2,0%	2,0%	0	93	93	14	4 700	4 714
in % of total				0,0%	100%		0,3%	99,7%	
CDI	1,5%	4,3%	2,9%	39	124	163	2 683	2 860	5 543
in % of total				23,9%	76,1%		48,4%	51,6%	
OCIMF	1,2%	5,8%	2,4%	50	82	132	4 141	1 402	5 543
in % of total				37,9%	62,1%		74,7%	25,3%	

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

Table 160 - Safety performance of large⁽¹⁾ ships, by inspections and detentions rates⁽²⁾ – 2007

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1,1%	0,4%	0,8%	20	6	26	1 820	1 378	3 198
in % of total				76,9%	23,1%		56,9%	43,1%	
Intercargo	0,9%	2,1%	1,9%	10	121	131	1 095	5 742	6 837
in % of total				7,6%	92,4%		16,0%	84,0%	
Intermanager	1,8%	1,5%	1,5%	5	215	220	281	14 729	15 010
in % of total				2,3%	97,7%		1,9%	98,1%	
Green Award	0,0%	0,9%	0,8%	0	24	24	162	2 773	2 935
in % of total				0,0%	100%		5,5%	94,5%	
CDI	0,5%	1,1%	1,0%	2	30	32	396	2 802	3 198
in % of total				6,3%	93,8%		12,4%	87,6%	
OCIMF	0,7%	7,1%	0,8%	22	4	26	3 142	56	3 198
in % of total				84,6%	15,4%		98,2%	1,8%	

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - ⁽²⁾ Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

Table 161 - Safety performance of very large⁽¹⁾ ships, by inspections and detentions rates⁽²⁾ – 2007

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0,6%	0,2%	0,4%	4	1	5	708	628	1 336
in % of total				80,0%	20,0%		53,0%	47,0%	
Intercargo	2,8%	2,3%	2,4%	7	24	31	248	1 041	1 289
in % of total				22,6%	77,4%		19,2%	80,8%	
Intermanager	1,1%	1,0%	1,0%	1	41	42	93	4 254	4 347
in % of total				2,4%	97,6%		2,1%	97,9%	
Green Award	0,0%	0,5%	0,4%	0	5	5	146	983	1 129
in % of total				0,0%	100,0%		12,9%	87,1%	
CDI		0,4%	0,4%	0	6	6	0	1 336	1 336
in % of total				0,0%	100,0%		0,0%	100%	
OCIMF	0,4%	0,0%	0,4%	5	0	5	1 316	20	1 336
in % of total							98,5%	1,5%	

Source: Equasis - ⁽¹⁾ GT≥60.000 - ⁽²⁾ Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

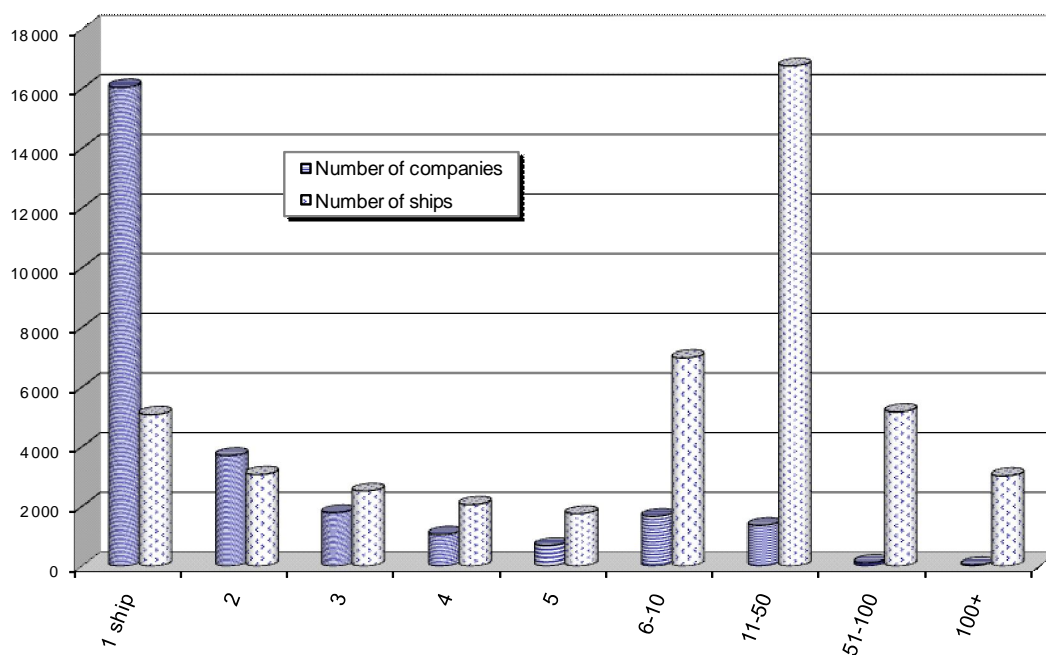
6.3. COMPANY PERFORMANCE

Table 162 - Total number of companies and ships, by fleet size and flag – 2007

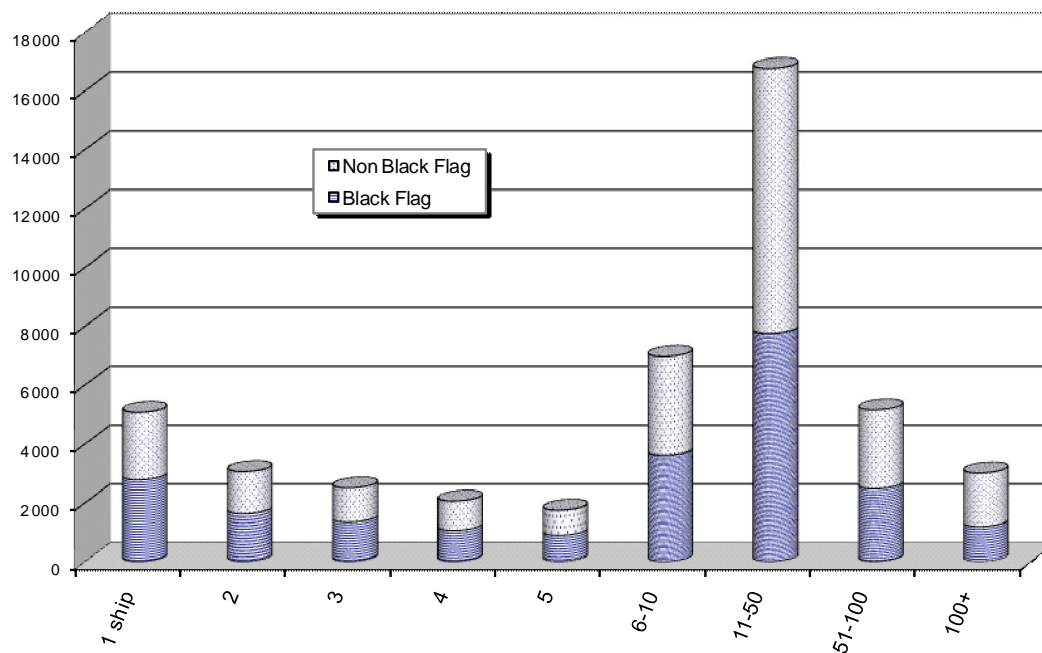
Company fleet size (by number of ships GT≥100)	Number of companies		Number of ships ⁽¹⁾		Number of ships under targeted flag ⁽¹⁾		Total share of ships under targeted flag ⁽²⁾
1 ship	12 807	59,5%	6 356	13,7%	3 778	16,6%	59,4%
2	3 132	14,6%	3 530	7,6%	2 084	9,2%	59,0%
3	1 520	7,1%	2 760	5,9%	1 560	6,9%	56,5%
4	890	4,1%	2 248	4,8%	1 292	5,7%	57,5%
5	578	2,7%	1 915	4,1%	1 045	4,6%	54,6%
6-10	1 395	6,5%	6 964	15,0%	3 687	16,2%	52,9%
11-50	1 098	5,1%	15 903	34,3%	7 281	32,0%	45,8%
51-100	81	0,4%	4 501	9,7%	1 171	5,1%	26,0%
100+	13	0,1%	2 215	4,8%	848	3,7%	38,3%
Total	21 514	100%	46 392	100%	22 746	100%	49,0%

Source: Equasis - ⁽¹⁾ Ships GT≥500 - ⁽²⁾ Within the same company fleet size category

Graph 146 - Total number of companies and ships GT≥500, by fleet size – 2007



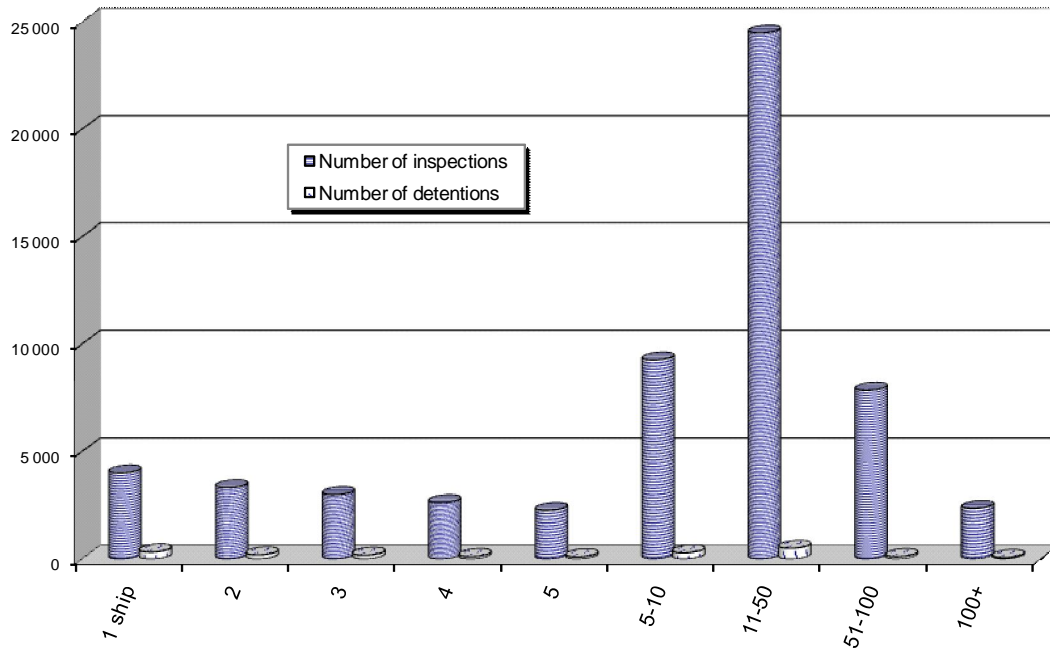
Graph 147 - Total number of companies and ships GT≥500, by fleet size and flag – 2007

Table 163 - Total number of inspections and detention rates^(*), by company fleet size – 2007

Company fleet size (by number of ships GT≥100)	Number of inspections		Number of detentions		% of ships detained ⁽¹⁾
	Number	Rate	Number	Rate	
1 ship	4 006	6,8%	317	17,6%	7,91%
2	3 312	5,6%	185	10,2%	5,59%
3	2 989	5,1%	167	9,3%	5,59%
4	2 620	4,4%	108	6,0%	4,12%
5	2 255	3,8%	94	5,2%	4,17%
5-10	9 259	15,7%	280	15,5%	3,02%
11-50	24 491	41,4%	489	27,1%	2,00%
51-100	7 849	13,3%	104	5,8%	1,33%
100+	2 350	4,0%	61	3,4%	2,60%
Total	59 131	100%	1 805	100%	3,05%

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

Graph 148 - Total number of inspections and detention, by fleet size – 2007



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

Annex II

Targeted Flag States 2007

The flags listed below appeared on at least one of the targeted flag lists used in 2007 in the Port State Control regimes of the Paris MoU, Tokyo MoU and USCG (safety targeting). The lists were submitted to the IMO's Sub-Committee on Flag State Implementation in paper FSI 16/INF.10 dated 27 March 2008. Further details are included in the respective Annual Reports for 2004, 2005 and 2006.

<u>A</u>	Albania Algeria Antigua and Barbuda	<u>L</u>	Lebanon
<u>B</u>	Belize Bolivia Brazil	<u>M</u>	Malta Mexico Mongolia
<u>C</u>	Cambodia Comoros Croatia Cyprus	<u>N</u>	Netherlands Antilles
<u>D</u>	Denmark Dominica	<u>P</u>	Panama Portugal
<u>E</u>	Egypt	<u>R</u>	Russian Federation
<u>F</u>	France	<u>S</u>	Sierra Leone Singapore Slovakia Sri Lanka St Kitts and Nevis St Vincent and Grenadines Syrian Arab Republic Sweden
<u>G</u>	Georgia Gibraltar	<u>T</u>	Taiwan, PR China Thailand Tonga Tuvalu
<u>H</u>	Honduras	<u>U</u>	Ukraine
<u>I</u>	Indonesia Italy	<u>V</u>	Vietnam
<u>J</u>	Jordan		
<u>K</u>	Korea Democratic Republic		