

**The world merchant fleet
in 2006**

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

1.2. SIZE

By size ships are grouped into four categories: (1) $GT < 500$ - (2) $500 \leq GT < 25.000$ - (3) $25.000 \leq GT < 60.000$ - (4) $GT \geq 60.000$

1. **Small ships** < 500 GT
2. **Medium ships** 500 GT to 25.000 GT
3. **Large ships** 25.000 GT to 60.000 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 organizations. 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

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 2006 by the three port state control regimes which feed their inspection results to Equasis (Paris MoU, Tokyo MoU and USCG (safety targeting)). These are recognised as the three most established regimes in operation.

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 ship trade to ports covered by the regime.

Further details are included in the list of the respective regimes' Port State Control Annual Reports for 2003, 2004 and 2005. 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 25.000 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 26% 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 61.9% and 69.6% respectively

Table 3 shows that over half (62.0%) 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 68.1% and 79.9%, respectively, are less than 15 years old. The large and very large ships dominant the most modern fleet with 86%,

by tonnage, of the fleet below 4 years old (Graph 4). At the other end of the age scale large and very large ships account for just 3% by number and 37% 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 (48% & 52%). But Tables 13 to 18 show that the proportion of ships under a targeted flag decreases with size – 51% for medium, 39% for large and 33% for very large ships. By tonnage the overall split is 40% targeted compared with 60% from non-targeted flags. Table 13 shows that general cargo ships have a greater share of the fleet under targeted flags (39.4%) than their share of the non-targeted flag fleet (19.7%). Conversely, passenger ships represent 4.4% of the targeted flag fleet but 8.6% of the non-targeted flag fleet.

2.1. WHOLE FLEET

Table 1 - World fleet : total number of ships, by type and size – 2006

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 138	20,5%	12 771	36,7%	193	2,8%			18 102	26,0%
Specialized Cargo Ships	31	0,1%	176	0,5%	33	0,5%			240	0,3%
Container Ships	1	0,0%	2 165	6,2%	1 319	18,9%	475	17,7%	3 960	5,7%
Ro-Ro Cargo Ships	34	0,1%	978	2,8%	526	7,5%	50	1,9%	1 588	2,3%
Bulk Carriers	436	1,7%	3 344	9,6%	2 713	38,9%	747	27,9%	7 240	10,4%
Oil and Chemical Tankers	2 081	8,3%	5 871	16,9%	1 691	24,2%	1 013	37,8%	10 656	15,3%
Gas Tankers	51	0,2%	880	2,5%	170	2,4%	196	7,3%	1 297	1,9%
Other Tankers	158	0,6%	218	0,6%	3	0,0%			379	0,5%
Passenger Ships	3 320	13,2%	2 594	7,5%	244	3,5%	95	3,5%	6 253	9,0%
Offshore Vessels	1 264	5,0%	2 834	8,1%	47	0,7%	99	3,7%	4 244	6,1%
Service Ships	1 884	7,5%	2 196	6,3%	35	0,5%	7	0,3%	4 122	5,9%
Tugs	10 724	42,7%	767	2,2%					11 491	16,5%
Total	25 122	100%	34 794	100%	6 974	100%	2 682	100%	69 572	100%

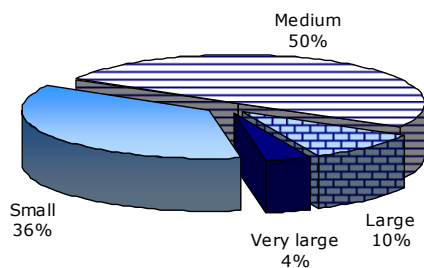
Source: Equasis processed by EMSA / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 2 - World fleet : gross tonnage (in 1000 t), by type and size - 2006

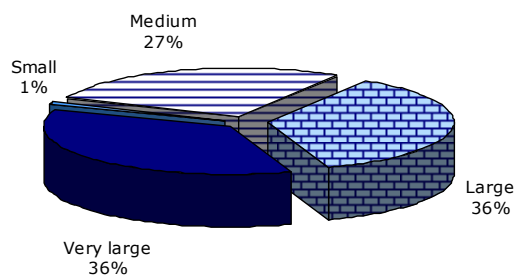
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 677	25,0%	52 703	26,5%	5 660	2,2%			60 040	8,2%
Specialized Cargo Ships	12	0,2%	1 108	0,6%	1 145	0,4%			2 266	0,3%
Container Ships	0	0,0%	25 138	12,6%	50 581	19,3%	37 039	14,2%	112 759	15,5%
Ro-Ro Cargo Ships	13	0,2%	9 039	4,5%	23 128	8,8%	3 184	1,2%	35 363	4,9%
Bulk Carriers	166	2,5%	47 015	23,6%	94 577	36,2%	65 017	24,8%	206 775	28,4%
Oil and Chemical Tankers	670	10,0%	34 229	17,2%	67 229	25,7%	117 290	44,8%	219 418	30,1%
Gas Tankers	19	0,3%	4 183	2,1%	7 145	2,7%	19 455	7,4%	30 801	4,2%
Other Tankers	43	0,6%	656	0,3%	96	0,0%			796	0,1%
Passenger Ships	834	12,4%	12 049	6,0%	8 644	3,3%	8 487	3,2%	30 014	4,1%
Offshore Vessels	361	5,4%	5 270	2,6%	2 051	0,8%	10 696	4,1%	18 378	2,5%
Service Ships	506	7,5%	7 015	3,5%	1 288	0,5%	496	0,2%	9 306	1,3%
Tugs	2 420	36,0%	772	0,4%					3 192	0,4%
Total	6 721	100%	199 179	100%	261 544	100%	261 663	100%	729 108	100%

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

Graph 1 - World fleet : total number of ships, by size – 2006



Graph 2 - World fleet : gross tonnage, by size - 2006



2.2. SHIPS BY AGE

WORLD FLEET

Table 3 - Total number of ships, by age and size - 2006

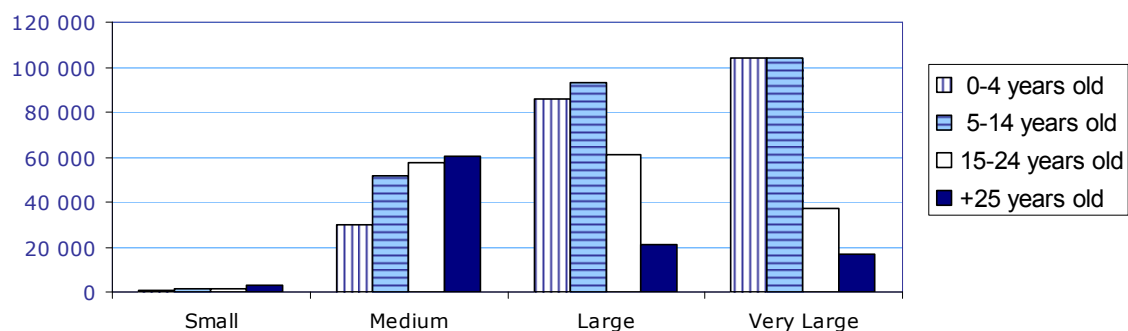
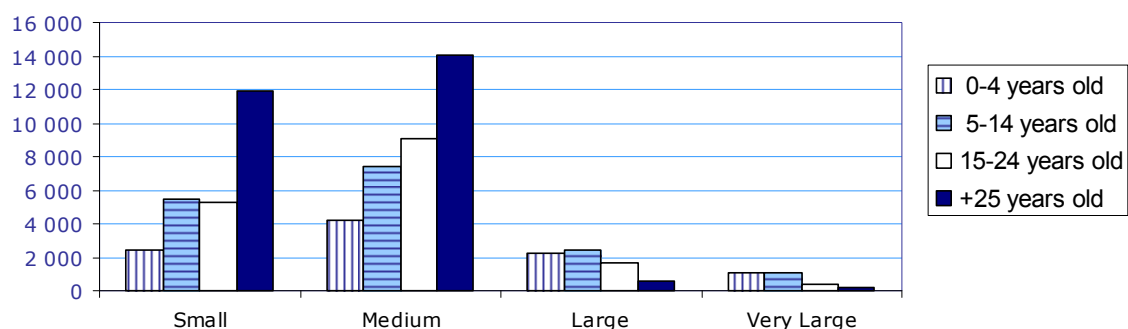
Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
0-4 years old	2 479	9,9%	4 229	12,2%	2 281	32,7%	1 085	40,5%	10 074	14,5%
5-14 years old	5 458	21,7%	7 391	21,2%	2 467	35,4%	1 056	39,4%	16 372	23,5%
15-24 years old	5 256	20,9%	9 112	26,2%	1 628	23,3%	376	14,0%	16 372	23,5%
+25 years old	11 929	47,5%	14 062	40,4%	598	8,6%	165	6,2%	26 754	38,5%
Total	25 122	100%	34 794	100%	6 974	100%	2 682	100%	69 572	100%

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

Table 4 - Gross tonnage (in 1000 t) of ships, by age and size - 2006

Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
0-4 years old	709	10,5%	30 037	15,1%	85 877	32,8%	104 211	39,8%	220 834	30,3%
5-14 years old	1 499	22,3%	51 645	25,9%	92 817	35,5%	103 972	39,7%	249 933	34,3%
15-24 years old	1 456	21,7%	57 290	28,8%	61 418	23,5%	37 037	14,2%	157 201	21,6%
+25 years old	3 058	45,5%	60 207	30,2%	21 431	8,2%	16 444	6,3%	101 140	13,9%
Total	6 721	100%	199 179	100%	261 544	100%	261 663	100%	729 108	100%

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



0-4 YEARS OLD SHIPS

Table 5 - Total number of 0-4 years old ships, by type and size - 2006

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	272	11,0%	1 101	26,0%	22	1,0%			1 395	13,8%
Specialized Cargo Ships			9	0,2%	1	0,0%			10	0,1%
Container Ships			475	11,2%	481	21,1%	293	27,0%	1 249	12,4%
Ro-Ro Cargo Ships	2	0,1%	75	1,8%	113	5,0%	34	3,1%	224	2,2%
Bulk Carriers	1	0,0%	312	7,4%	802	35,2%	206	19,0%	1 321	13,1%
Oil and Chemical Tankers	73	2,9%	983	23,2%	761	33,4%	397	36,6%	2 214	22,0%
Gas Tankers	1	0,0%	102	2,4%	40	1,8%	95	8,8%	238	2,4%
Other Tankers	3	0,1%	14	0,3%	2	0,1%			19	0,2%
Passenger Ships	251	10,1%	239	5,7%	52	2,3%	39	3,6%	581	5,8%
Offshore Vessels	94	3,8%	642	15,2%	5	0,2%	18	1,7%	759	7,5%
Service Ships	107	4,3%	164	3,9%	2	0,1%	3	0,3%	276	2,7%
Tugs	1 675	67,6%	113	2,7%					1 788	17,7%
Total	2 479	100%	4 229	100%	2 281	100%	1 085	100%	10 074	100%

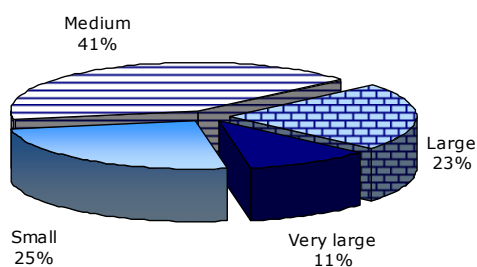
Source: Equasis processed by EMSA / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 6 - Gross tonnage (in 1000 t) of 0-4 years old ships, by type and size - 2006

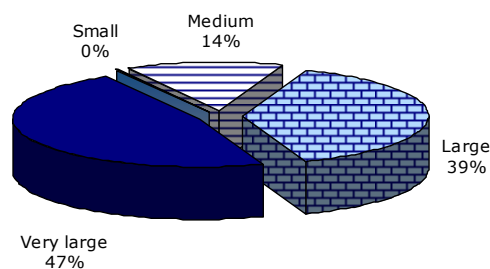
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	119	16,8%	5 696	19,0%	703	0,8%			6 517	3,0%
Specialized Cargo Ships			100	0,3%	30	0,0%			130	0,1%
Container Ships			5 354	17,8%	18 213	21,2%	24 190	23,2%	47 756	21,6%
Ro-Ro Cargo Ships	1	0,1%	1 044	3,5%	5 472	6,4%	2 097	2,0%	8 613	3,9%
Bulk Carriers	0	0,1%	4 731	15,8%	28 694	33,4%	18 807	18,0%	52 233	23,7%
Oil and Chemical Tankers	27	3,9%	8 774	29,2%	28 890	33,6%	43 150	41,4%	80 841	36,6%
Gas Tankers	0	0,1%	681	2,3%	1 632	1,9%	9 601	9,2%	11 914	5,4%
Other Tankers	1	0,1%	63	0,2%	66	0,1%			130	0,1%
Passenger Ships	70	9,9%	1 099	3,7%	1 917	2,2%	3 919	3,8%	7 005	3,2%
Offshore Vessels	39	5,5%	1 525	5,1%	174	0,2%	2 235	2,1%	3 973	1,8%
Service Ships	27	3,8%	831	2,8%	88	0,1%	211	0,2%	1 157	0,5%
Tugs	424	59,8%	139	0,5%					563	0,3%
Total	709	100%	30 037	100%	85 877	100%	104 211	100%	220 834	100%

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

Graph 3 - World fleet : total number of 0-4 years old ships, by size - 2006



Graph 4 - World fleet : gross tonnage of 0-4 years old ships by size - 2006



5-14 YEARS OLD SHIPS

Table 7 - Total number of 5-14 years old ships, by type and size - 2006

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 037	19,0%	2 254	30,5%	79	3,2%			3 370	20,6%
Specialized Cargo Ships	1	0,0%	23	0,3%	2	0,1%			26	0,2%
Container Ships	1	0,0%	1 048	14,2%	479	19,4%	177	16,8%	1 705	10,4%
Ro-Ro Cargo Ships	10	0,2%	233	3,2%	146	5,9%	13	1,2%	402	2,5%
Bulk Carriers	105	1,9%	656	8,9%	1 089	44,1%	311	29,5%	2 161	13,2%
Oil and Chemical Tankers	493	9,0%	1 367	18,5%	496	20,1%	431	40,8%	2 787	17,0%
Gas Tankers	6	0,1%	290	3,9%	44	1,8%	51	4,8%	391	2,4%
Other Tankers	21	0,4%	40	0,5%					61	0,4%
Passenger Ships	844	15,5%	636	8,6%	99	4,0%	48	4,5%	1 627	9,9%
Offshore Vessels	126	2,3%	394	5,3%	23	0,9%	21	2,0%	564	3,4%
Service Ships	297	5,4%	347	4,7%	10	0,4%	4	0,4%	658	4,0%
Tugs	2 517	46,1%	103	1,4%					2 620	16,0%
Total	5 458	100%	7 391	100%	2 467	100%	1 056	100%	16 372	100%

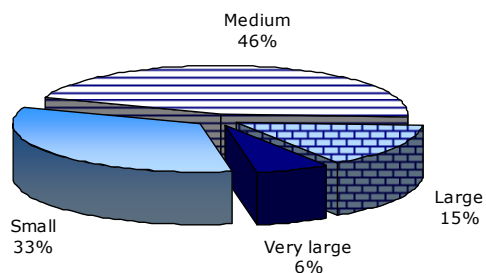
Source: Equasis processed by EMSA / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 8 - Gross tonnage (in 1000 t) of 5-14 years old ships, by type and size - 2006

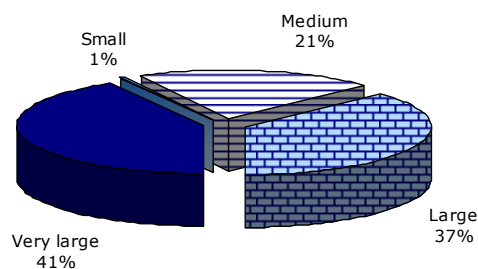
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	369	24,6%	11 197	21,7%	2 398	2,6%			13 964	5,6%
Specialized Cargo Ships	0	0,0%	164	0,3%	90	0,1%			255	0,1%
Container Ships	0	0,0%	12 495	24,2%	18 549	20,0%	12 539	12,1%	43 584	17,4%
Ro-Ro Cargo Ships	4	0,2%	2 410	4,7%	6 931	7,5%	887	0,9%	10 232	4,1%
Bulk Carriers	44	3,0%	8 849	17,1%	37 282	40,2%	25 958	25,0%	72 133	28,9%
Oil and Chemical Tankers	160	10,6%	9 144	17,7%	20 713	22,3%	53 318	51,3%	83 334	33,3%
Gas Tankers	2	0,1%	1 536	3,0%	1 929	2,1%	5 257	5,1%	8 724	3,5%
Other Tankers	6	0,4%	132	0,3%					137	0,1%
Passenger Ships	219	14,6%	3 137	6,1%	3 525	3,8%	4 006	3,9%	10 886	4,4%
Offshore Vessels	40	2,6%	979	1,9%	1 075	1,2%	1 723	1,7%	3 817	1,5%
Service Ships	77	5,1%	1 490	2,9%	326	0,4%	284	0,3%	2 177	0,9%
Tugs	578	38,6%	112	0,2%					689	0,3%
Total	1 499	100%	51 645	100%	92 817	100%	103 972	100%	249 933	100%

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

Graph 5 - Total number of 5-14 years old ships by size - 2006



Graph 6 - Gross tonnage of 5-14 years old ships by size - 2006



15-24 YEARS OLD SHIPS

Table 9 - Total number of 15-24 years old ships, by type and size - 2006

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 178	22,4%	3 542	38,9%	56	3,4%			4 776	29,2%
Specialized Cargo Ships	2	0,0%	56	0,6%	15	0,9%			73	0,4%
Container Ships			392	4,3%	268	16,5%	5	1,3%	665	4,1%
Ro-Ro Cargo Ships	5	0,1%	254	2,8%	172	10,6%	3	0,8%	434	2,7%
Bulk Carriers	188	3,6%	1 092	12,0%	625	38,4%	197	52,4%	2 102	12,8%
Oil and Chemical Tankers	561	10,7%	1 427	15,7%	373	22,9%	145	38,6%	2 506	15,3%
Gas Tankers	12	0,2%	245	2,7%	33	2,0%	15	4,0%	305	1,9%
Other Tankers	35	0,7%	58	0,6%					93	0,6%
Passenger Ships	839	16,0%	554	6,1%	65	4,0%	7	1,9%	1 465	8,9%
Offshore Vessels	237	4,5%	768	8,4%	9	0,6%	4	1,1%	1 018	6,2%
Service Ships	588	11,2%	569	6,2%	12	0,7%			1 169	7,1%
Tugs	1 611	30,7%	155	1,7%					1 766	10,8%
Total	5 256	100%	9 112	100%	1 628	100%	376	100%	16 372	100%

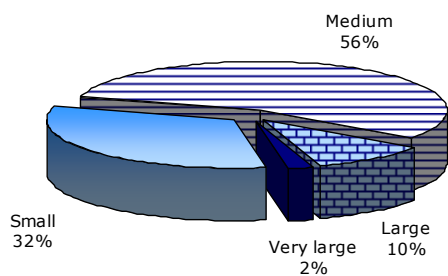
Source: Equasis processed by EMSA / ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 10 - Gross tonnage (in 1000 t) of 15-24 years old ships, by type and size - 2006

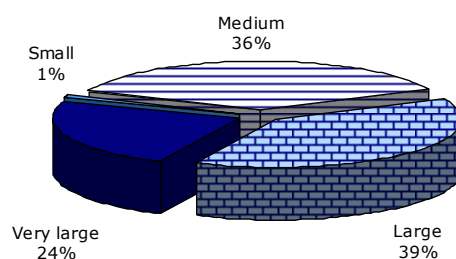
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	361	24,8%	15 714	27,4%	1 565	2,5%			17 640	11,2%
Specialized Cargo Ships	1	0,0%	451	0,8%	508	0,8%			960	0,6%
Container Ships			4 939	8,6%	10 669	17,4%	310	0,8%	15 917	10,1%
Ro-Ro Cargo Ships	2	0,1%	2 222	3,9%	7 183	11,7%	200	0,5%	9 606	6,1%
Bulk Carriers	76	5,2%	17 508	30,6%	21 662	35,3%	17 746	47,9%	56 992	36,3%
Oil and Chemical Tankers	171	11,7%	9 205	16,1%	15 179	24,7%	16 342	44,1%	40 897	26,0%
Gas Tankers	5	0,4%	1 314	2,3%	1 427	2,3%	1 516	4,1%	4 263	2,7%
Other Tankers	9	0,7%	192	0,3%					201	0,1%
Passenger Ships	207	14,2%	2 451	4,3%	2 343	3,8%	492	1,3%	5 494	3,5%
Offshore Vessels	71	4,8%	1 286	2,2%	408	0,7%	432	1,2%	2 197	1,4%
Service Ships	177	12,2%	1 838	3,2%	475	0,8%			2 490	1,6%
Tugs	375	25,8%	170	0,3%					545	0,3%
Total	1 456	100%	57 290	100%	61 418	100%	37 037	100%	157 201	100%

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

Graph 7 - Total number of 15-14 years old ships by size - 2006



Graph 8 - Gross tonnage of 15-24 years old ships by size - 2006



+25 YEARS OLD SHIPS**Table 11 - Total number of +25 years old ships, by type and size - 2006**

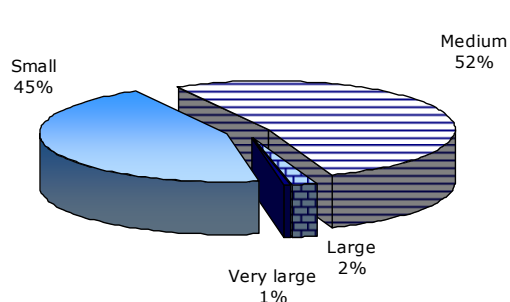
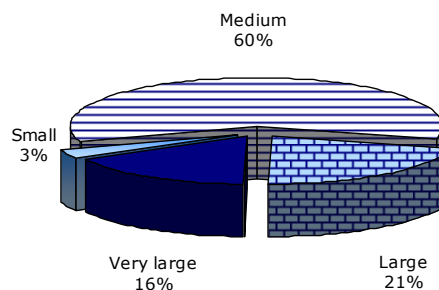
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 651	22,2%	5 874	41,8%	36	6,0%			8 561	32,0%
Specialized Cargo Ships	28	0,2%	88	0,6%	15	2,5%			131	0,5%
Container Ships			250	1,8%	91	15,2%			341	1,3%
Ro-Ro Cargo Ships	17	0,1%	416	3,0%	95	15,9%			528	2,0%
Bulk Carriers	142	1,2%	1 284	9,1%	197	32,9%	33	20,0%	1 656	6,2%
Oil and Chemical Tankers	954	8,0%	2 094	14,9%	61	10,2%	40	24,2%	3 149	11,8%
Gas Tankers	32	0,3%	243	1,7%	53	8,9%	35	21,2%	363	1,4%
Other Tankers	99	0,8%	106	0,8%	1	0,2%			206	0,8%
Passenger Ships	1 386	11,6%	1 165	8,3%	28	4,7%	1	0,6%	2 580	9,6%
Offshore Vessels	807	6,8%	1 030	7,3%	10	1,7%	56	33,9%	1 903	7,1%
Service Ships	892	7,5%	1 116	7,9%	11	1,8%			2 019	7,5%
Tugs	4 921	41,3%	396	2,8%					5 317	19,9%
Total	11 929	100%	14 062	100%	598	100%	165	100%	26 754	100%

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

Table 12 - Gross tonnage (in 1000 t) of +25 years old ships, by type and size - 2006

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	828	27,1%	20 096	33,4%	994	4,6%			21 918	21,7%
Specialized Cargo Ships	11	0,4%	393	0,7%	517	2,4%			921	0,9%
Container Ships			2 350	3,9%	3 151	14,7%			5 501	5,4%
Ro-Ro Cargo Ships	6	0,2%	3 364	5,6%	3 543	16,5%			6 913	6,8%
Bulk Carriers	45	1,5%	15 927	26,5%	6 940	32,4%	2 506	15,2%	25 417	25,1%
Oil and Chemical Tankers	312	10,2%	7 106	11,8%	2 447	11,4%	4 480	27,2%	14 346	14,2%
Gas Tankers	11	0,4%	652	1,1%	2 157	10,1%	3 081	18,7%	5 901	5,8%
Other Tankers	27	0,9%	270	0,4%	30	0,1%			327	0,3%
Passenger Ships	338	11,1%	5 362	8,9%	859	4,0%	70	0,4%	6 629	6,6%
Offshore Vessels	212	6,9%	1 480	2,5%	394	1,8%	6 306	38,3%	8 391	8,3%
Service Ships	225	7,4%	2 856	4,7%	400	1,9%			3 481	3,4%
Tugs	1 043	34,1%	352	0,6%					1 394	1,4%
Total	3 058	100%	60 207	100%	21 431	100%	16 444	100%	101 140	100%

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

Graph 9 - Total number of +25 years old ships by size - 2006**Graph 10 - Gross tonnage of +25 years old ships by size - 2006**

2.3. SHIPS BY FLAG

WHOLE FLEET GT≥500

Table 13 - World fleet GT≥500: total number of ships, by type and flag – 2006

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	8 425	39,4%	4 539	19,7%	12 964	29,2%
Specialized Cargo Ships	111	0,5%	98	0,4%	209	0,5%
Container Ships	1 631	7,6%	2 328	10,1%	3 959	8,9%
Ro-Ro Cargo Ships	794	3,7%	760	3,3%	1 554	3,5%
Bulk Carriers	3 536	16,5%	3 268	14,2%	6 804	15,3%
Oil and Chemical Tankers	3 443	16,1%	5 132	22,2%	8 575	19,3%
Gas Tankers	458	2,1%	788	3,4%	1 246	2,8%
Other Tankers	109	0,5%	112	0,5%	221	0,5%
Passenger Ships	948	4,4%	1 985	8,6%	2 933	6,6%
Offshore Vessels	925	4,3%	2 055	8,9%	2 980	6,7%
Service Ships	727	3,4%	1 511	6,5%	2 238	5,0%
Tugs	263	1,2%	504	2,2%	767	1,7%
Total	21 370	100%	23 080	100%	44 450	100%

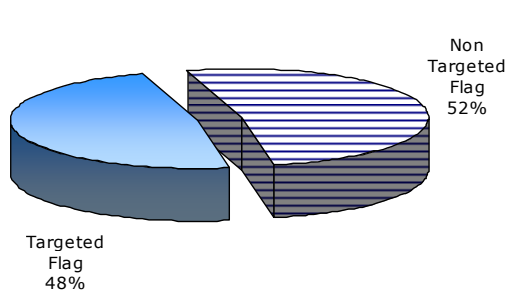
Source: Equasis processed by EMSA

Table 14 - World fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and flag – 2006

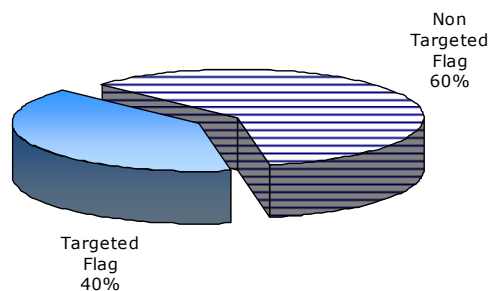
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	32 109	11,2%	26 254	6,0%	58 363	8,1%
Specialized Cargo Ships	1 299	0,5%	955	0,2%	2 254	0,3%
Container Ships	39 587	13,8%	73 172	16,8%	112 758	15,6%
Ro-Ro Cargo Ships	17 643	6,2%	17 708	4,1%	35 351	4,9%
Bulk Carriers	105 398	36,8%	101 211	23,2%	206 609	28,6%
Oil and Chemical Tankers	64 356	22,4%	154 392	35,4%	218 748	30,3%
Gas Tankers	9 207	3,2%	21 576	5,0%	30 783	4,3%
Other Tankers	267	0,1%	486	0,1%	753	0,1%
Passenger Ships	9 226	3,2%	19 954	4,6%	29 180	4,0%
Offshore Vessels	5 269	1,8%	12 748	2,9%	18 017	2,5%
Service Ships	2 110	0,7%	6 689	1,5%	8 799	1,2%
Tugs	308	0,1%	464	0,1%	772	0,1%
Total	286 778	100%	435 608	100%	722 386	100%

Source: Equasis processed by EMSA

Graph 11 - World fleet GT≥500: total number of ships, by flag – 2006



Graph 12 - World fleet GT≥500: gross tonnage of ships, by flag – 2006



MEDIUM SHIPS

Table 15 - Total number of medium⁽¹⁾ ships, by type and flag – 2006

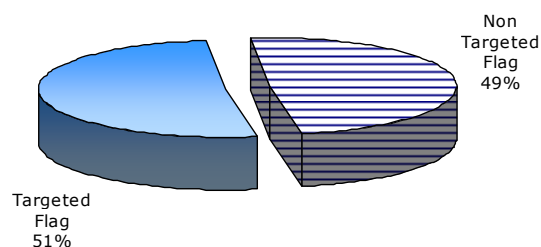
Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	8 406	47,3%	4 365	25,6%	12 771	36,7%
Specialized Cargo Ships	88	0,5%	88	0,5%	176	0,5%
Container Ships	1 066	6,0%	1 099	6,5%	2 165	6,2%
Ro-Ro Cargo Ships	497	2,8%	481	2,8%	978	2,8%
Bulk Carriers	1 823	10,3%	1 521	8,9%	3 344	9,6%
Oil and Chemical Tankers	2 718	15,3%	3 153	18,5%	5 871	16,9%
Gas Tankers	344	1,9%	536	3,1%	880	2,5%
Other Tankers	108	0,6%	110	0,6%	218	0,6%
Passenger Ships	838	4,7%	1 756	10,3%	2 594	7,5%
Offshore Vessels	880	5,0%	1 954	11,5%	2 834	8,1%
Service Ships	725	4,1%	1 471	8,6%	2 196	6,3%
Tugs	263	1,5%	504	3,0%	767	2,2%
Total	17 756	100%	17 038	100%	34 794	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000Table 16 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag – 2006

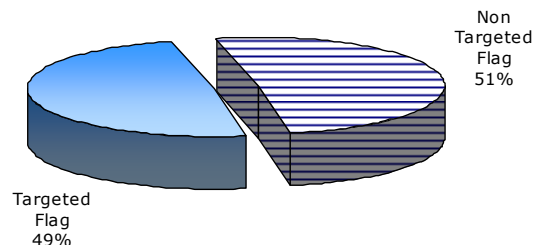
Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	31 602	32,3%	21 101	20,8%	52 703	26,5%
Specialized Cargo Ships	491	0,5%	618	0,6%	1 108	0,6%
Container Ships	11 808	12,1%	13 330	13,2%	25 138	12,6%
Ro-Ro Cargo Ships	4 324	4,4%	4 715	4,7%	9 039	4,5%
Bulk Carriers	25 908	26,5%	21 106	20,8%	47 015	23,6%
Oil and Chemical Tankers	14 071	14,4%	20 158	19,9%	34 229	17,2%
Gas Tankers	1 531	1,6%	2 653	2,6%	4 183	2,1%
Other Tankers	236	0,2%	420	0,4%	656	0,3%
Passenger Ships	4 055	4,1%	7 994	7,9%	12 049	6,0%
Offshore Vessels	1 464	1,5%	3 806	3,8%	5 270	2,6%
Service Ships	2 048	2,1%	4 968	4,9%	7 015	3,5%
Tugs	308	0,3%	464	0,5%	772	0,4%
Total	97 846	100%	101 333	100%	199 179	100%

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

Graph 13 - Total number of medium ships, by flag – 2006



Graph 14 - Gross tonnage of medium ships, by flag – 2006



LARGE SHIPS

Table 17 - Total number of large⁽¹⁾ ships, by type and flag – 2006

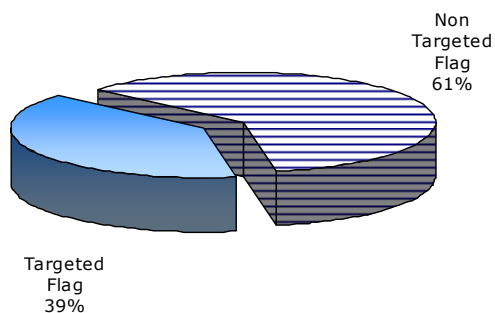
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	19	0,7%	174	4,1%	193	2,8%
Specialized Cargo Ships	23	0,8%	10	0,2%	33	0,5%
Container Ships	405	14,9%	914	21,5%	1 319	18,9%
Ro-Ro Cargo Ships	274	10,1%	252	5,9%	526	7,5%
Bulk Carriers	1 350	49,6%	1 363	32,1%	2 713	38,9%
Oil and Chemical Tankers	486	17,8%	1 205	28,3%	1 691	24,2%
Gas Tankers	60	2,2%	110	2,6%	170	2,4%
Other Tankers	1	0,0%	2	0,0%	3	0,0%
Passenger Ships	87	3,2%	157	3,7%	244	3,5%
Offshore Vessels	16	0,6%	31	0,7%	47	0,7%
Service Ships	2	0,1%	33	0,8%	35	0,5%
Tugs						
Total	2 723	100%	4 251	100%	6 974	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000Table 18 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag – 2006

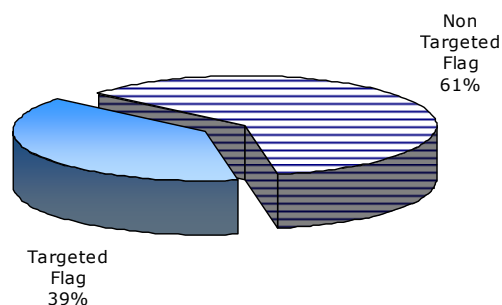
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	507	0,5%	5 153	3,2%	5 660	2,2%
Specialized Cargo Ships	808	0,8%	337	0,2%	1 145	0,4%
Container Ships	15 554	15,3%	35 027	21,9%	50 581	19,3%
Ro-Ro Cargo Ships	11 887	11,7%	11 240	7,0%	23 128	8,8%
Bulk Carriers	47 555	46,9%	47 023	29,4%	94 577	36,2%
Oil and Chemical Tankers	18 530	18,3%	48 698	30,4%	67 229	25,7%
Gas Tankers	2 577	2,5%	4 568	2,9%	7 145	2,7%
Other Tankers	30	0,0%	66	0,0%	96	0,0%
Passenger Ships	3 089	3,0%	5 555	3,5%	8 644	3,3%
Offshore Vessels	747	0,7%	1 303	0,8%	2 051	0,8%
Service Ships	63	0,1%	1 225	0,8%	1 288	0,5%
Tugs						
Total	101 349	100%	160 195	100%	261 544	100%

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

Graph 15 - Total number of large ships, by flag – 2006



Graph 16 - Gross tonnage of large ships, by flag – 2006



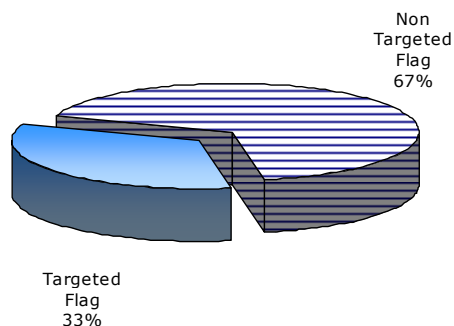
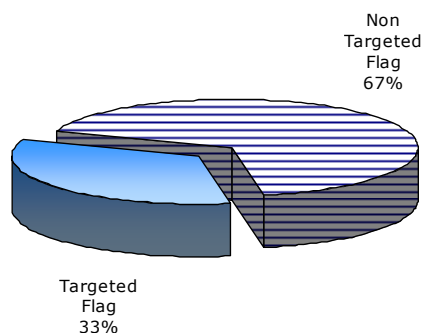
VERY LARGE SHIPS

Table 19 - Total number of very large⁽¹⁾ ships, by type and flag – 2006

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	160	18,0%	315	17,6%	475	17,7%
Ro-Ro Cargo Ships	23	2,6%	27	1,5%	50	1,9%
Bulk Carriers	363	40,7%	384	21,4%	747	27,9%
Oil and Chemical Tankers	239	26,8%	774	43,2%	1 013	37,8%
Gas Tankers	54	6,1%	142	7,9%	196	7,3%
Other Tankers						
Passenger Ships	23	2,6%	72	4,0%	95	3,5%
Offshore Vessels	29	3,3%	70	3,9%	99	3,7%
Service Ships			7	0,4%	7	0,3%
Tugs						
Total	891	100%	1 791	100%	2 682	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000**Table 20 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag – 2006**

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	12 224	14,0%	24 815	14,3%	37 039	14,2%
Ro-Ro Cargo Ships	1 431	1,6%	1 753	1,0%	3 184	1,2%
Bulk Carriers	31 935	36,5%	33 082	19,0%	65 017	24,8%
Oil and Chemical Tankers	31 755	36,3%	85 535	49,1%	117 290	44,8%
Gas Tankers	5 099	5,8%	14 356	8,2%	19 455	7,4%
Other Tankers						
Passenger Ships	2 082	2,4%	6 405	3,7%	8 487	3,2%
Offshore Vessels	3 057	3,5%	7 639	4,4%	10 696	4,1%
Service Ships			496	0,3%	496	0,2%
Tugs						
Total	87 583	100%	174 080	100%	261 663	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000**Graph 17 - Total number of very large ships, by flag – 2006****Graph 18 - Gross tonnage of very large ships, by flag – 2006**

Chapter 3

3. Classification Societies

INTRODUCTION

Classification societies provide technical and surveying services for the shipping industry and undertake statutory surveys on behalf of flag states (as so-called “*recognized organizations*”). These services are mostly provided by societies belonging to the International Association of 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 Loadlines 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 recognized organizations which are not members of IACS. Data on class is provided by IACS members and for non IACS recognized organizations the information is supplied by LRF when available.

There is also a proportion of ships which is 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 2006 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 2003, 2004 and 2005. 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 and USCG regions in 2006. All detentions are counted, whether or not the recognized organization 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 (67% by number and 86% 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 92% of the 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 78% of ships aged up to 5 years to 43% of the fleet over 25 years old.

Graphs 59 and 67 show that the fleet of targeted flag ships has a lesser IACS coverage (56%) than the non-targeted fleet (72%).

The safety performance of the Equasis fleet over 500 GT, as measured by detention rates, shows that 4.4% of inspections resulted in detention in 2006. Those ships with an IACS class were less likely to be detained in 2006 (3.7%) than those with non-IACS members (13.3%) or with no class recorded (9.0%). 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 – 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	7 033	23,7%	1 244	56,1%	4 687	37,3%	12 964	29,2%
Specialized Cargo Ships	144	0,5%	9	0,4%	56	0,4%	209	0,5%
Container Ships	3 415	11,5%	52	2,3%	492	3,9%	3 959	8,9%
Ro-Ro Cargo Ships	1 213	4,1%	32	1,4%	309	2,5%	1 554	3,5%
Bulk Carriers	5 211	17,6%	225	10,2%	1 368	10,9%	6 804	15,3%
Oil and Chemical Tankers	6 079	20,5%	308	13,9%	2 188	17,4%	8 575	19,3%
Gas Tankers	977	3,3%	11	0,5%	258	2,1%	1 246	2,8%
Other Tankers	138	0,5%	14	0,6%	69	0,5%	221	0,5%
Passenger Ships	1 433	4,8%	209	9,4%	1 291	10,3%	2 933	6,6%
Offshore Vessels	2 391	8,1%	30	1,4%	559	4,4%	2 980	6,7%
Service Ships	1 118	3,8%	64	2,9%	1 056	8,4%	2 238	5,0%
Tugs	518	1,7%	18	0,8%	231	1,8%	767	1,7%
Total	29 670	100%	2 216	100%	12 564	100%	44 450	100%

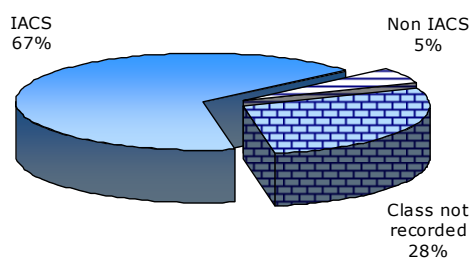
Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 22 - World fleet GT≥500 : gross tonnage (in 1000 t) of ships, by type and class – 2006

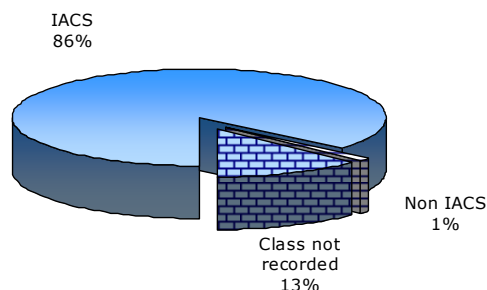
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	41 668	6,7%	3 015	37,4%	13 680	15,0%	58 363	8,1%
Specialized Cargo Ships	2 029	0,3%	21	0,3%	204	0,2%	2 254	0,3%
Container Ships	99 945	16,0%	374	4,6%	12 440	13,6%	112 758	15,6%
Ro-Ro Cargo Ships	30 278	4,9%	244	3,0%	4 829	5,3%	35 351	4,9%
Bulk Carriers	171 835	27,6%	2 690	33,3%	32 084	35,1%	206 609	28,6%
Oil and Chemical Tankers	201 818	32,4%	671	8,3%	16 259	17,8%	218 748	30,3%
Gas Tankers	28 023	4,5%	17	0,2%	2 743	3,0%	30 783	4,3%
Other Tankers	626	0,1%	33	0,4%	94	0,1%	753	0,1%
Passenger Ships	24 720	4,0%	715	8,9%	3 745	4,1%	29 180	4,0%
Offshore Vessels	15 412	2,5%	184	2,3%	2 421	2,6%	18 017	2,5%
Service Ships	5 982	1,0%	95	1,2%	2 723	3,0%	8 799	1,2%
Tugs	577	0,1%	14	0,2%	181	0,2%	772	0,1%
Total	622 912	100%	8 071	100%	91 403	100%	722 386	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 19 - World fleet GT≥500 : total number of ships, by class – 2006



Graph 20 - World fleet GT≥500 : gross tonnage of ships, by class – 2006



MEDIUM SHIPS

Table 23 - Total number of medium⁽¹⁾ ships, by type and class – 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	6 846	32,6%	1 244	56,5%	4 681	40,4%	12 771	36,7%
Specialized Cargo Ships	112	0,5%	9	0,4%	55	0,5%	176	0,5%
Container Ships	1 798	8,6%	52	2,4%	315	2,7%	2 165	6,2%
Ro-Ro Cargo Ships	721	3,4%	32	1,5%	225	1,9%	978	2,8%
Bulk Carriers	2 241	10,7%	213	9,7%	890	7,7%	3 344	9,6%
Oil and Chemical Tankers	3 535	16,8%	307	13,9%	2 029	17,5%	5 871	16,9%
Gas Tankers	641	3,1%	11	0,5%	228	2,0%	880	2,5%
Other Tankers	135	0,6%	14	0,6%	69	0,6%	218	0,6%
Passenger Ships	1 100	5,2%	209	9,5%	1 285	11,1%	2 594	7,5%
Offshore Vessels	2 269	10,8%	28	1,3%	537	4,6%	2 834	8,1%
Service Ships	1 084	5,2%	64	2,9%	1 048	9,0%	2 196	6,3%
Tugs	518	2,5%	18	0,8%	231	2,0%	767	2,2%
Total	21 000	100%	2 201	100%	11 593	100%	34 794	100%

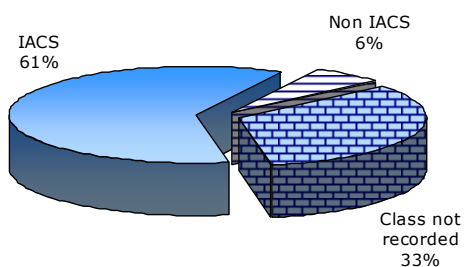
Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Table 24 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and class – 2006

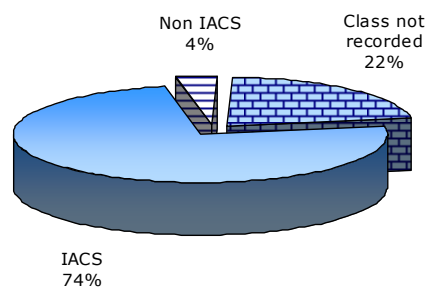
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	36 179	24,3%	3 015	40,5%	13 510	31,4%	52 703	26,5%
Specialized Cargo Ships	914	0,6%	21	0,3%	173	0,4%	1 108	0,6%
Container Ships	21 882	14,7%	374	5,0%	2 882	6,7%	25 138	12,6%
Ro-Ro Cargo Ships	7 620	5,1%	244	3,3%	1 176	2,7%	9 039	4,5%
Bulk Carriers	33 855	22,8%	2 253	30,3%	10 907	25,4%	47 015	23,6%
Oil and Chemical Tankers	26 777	18,0%	624	8,4%	6 829	15,9%	34 229	17,2%
Gas Tankers	3 620	2,4%	17	0,2%	546	1,3%	4 183	2,1%
Other Tankers	530	0,4%	33	0,4%	94	0,2%	656	0,3%
Passenger Ships	7 859	5,3%	715	9,6%	3 475	8,1%	12 049	6,0%
Offshore Vessels	4 446	3,0%	33	0,4%	791	1,8%	5 270	2,6%
Service Ships	4 470	3,0%	95	1,3%	2 451	5,7%	7 015	3,5%
Tugs	577	0,4%	14	0,2%	181	0,4%	772	0,4%
Total	148 728	100%	7 437	100%	43 014	100%	199 179	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Graph 21 - Total number of medium ships, by class – 2006



Graph 22 - Gross tonnage of medium ships, by class – 2006



LARGE SHIPS

Table 25 - Total number of large⁽¹⁾ ships, by type and class – 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	187	3,0%			6	0,8%	193	2,8%
Specialized Cargo Ships	32	0,5%			1	0,1%	33	0,5%
Container Ships	1 198	19,3%			121	16,0%	1 319	18,9%
Ro-Ro Cargo Ships	447	7,2%			79	10,4%	526	7,5%
Bulk Carriers	2 311	37,2%	11	91,7%	391	51,7%	2 713	38,9%
Oil and Chemical Tankers	1 571	25,3%	1	8,3%	119	15,7%	1 691	24,2%
Gas Tankers	154	2,5%			16	2,1%	170	2,4%
Other Tankers	3	0,0%					3	0,0%
Passenger Ships	239	3,9%			5	0,7%	244	3,5%
Offshore Vessels	37	0,6%			10	1,3%	47	0,7%
Service Ships	27	0,4%			8	1,1%	35	0,5%
Tugs								
Total	6 206	100%	12	100%	756	100%	6 974	100%

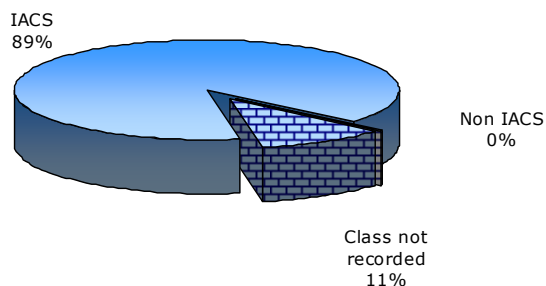
Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Table 26 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and class – 2006

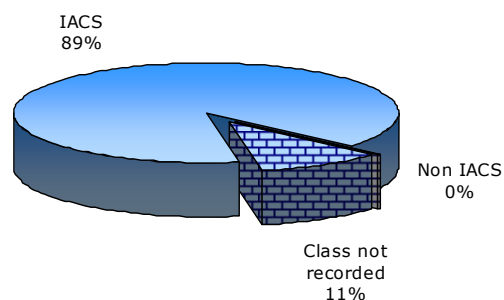
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	5 490	2,4%			170	0,6%	5 660	2,2%
Specialized Cargo Ships	1 115	0,5%			30	0,1%	1 145	0,4%
Container Ships	45 860	19,7%			4 721	16,9%	50 581	19,3%
Ro-Ro Cargo Ships	19 784	8,5%			3 344	12,0%	23 128	8,8%
Bulk Carriers	80 653	34,6%	360	88,4%	13 564	48,6%	94 577	36,2%
Oil and Chemical Tankers	62 697	26,9%	47	11,6%	4 485	16,1%	67 229	25,7%
Gas Tankers	6 407	2,7%			737	2,6%	7 145	2,7%
Other Tankers	96	0,0%					96	0,0%
Passenger Ships	8 484	3,6%			160	0,6%	8 644	3,3%
Offshore Vessels	1 644	0,7%			406	1,5%	2 051	0,8%
Service Ships	1 017	0,4%			272	1,0%	1 288	0,5%
Tugs								
Total	233 248	100%	407	100%	27 889	100%	261 544	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Graph 23 - Total number of large ships, by class – 2006



Graph 24 - Gross tonnage of large ships, by class – 2006



VERY LARGE SHIPS

Table 27 - Total number of very large⁽¹⁾ ships, by type and class – 2006

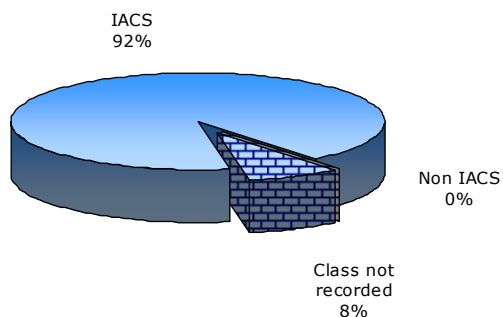
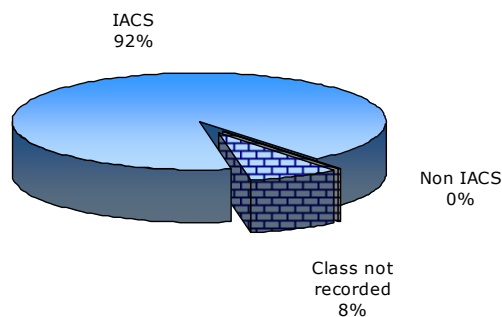
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	419	17,0%			56	26,0%	475	17,7%
Ro-Ro Cargo Ships	45	1,8%			5	2,3%	50	1,9%
Bulk Carriers	659	26,7%	1	33,3%	87	40,5%	747	27,9%
Oil and Chemical Tankers	973	39,5%			40	18,6%	1 013	37,8%
Gas Tankers	182	7,4%			14	6,5%	196	7,3%
Other Tankers								
Passenger Ships	94	3,8%			1	0,5%	95	3,5%
Offshore Vessels	85	3,4%	2	66,7%	12	5,6%	99	3,7%
Service Ships	7	0,3%					7	0,3%
Tugs								
Total	2 464	100%	3	100%	215	100%	2 682	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Table 28 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and class – 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	32 202	13,4%			4 837	23,6%	37 039	14,2%
Ro-Ro Cargo Ships	2 874	1,2%			309	1,5%	3 184	1,2%
Bulk Carriers	57 326	23,8%	77	34,0%	7 613	37,1%	65 017	24,8%
Oil and Chemical Tankers	112 344	46,6%			4 946	24,1%	117 290	44,8%
Gas Tankers	17 995	7,5%			1 460	7,1%	19 455	7,4%
Other Tankers								
Passenger Ships	8 377	3,5%			110	0,5%	8 487	3,2%
Offshore Vessels	9 322	3,9%	150	66,0%	1 223	6,0%	10 696	4,1%
Service Ships	496	0,2%					496	0,2%
Tugs								
Total	240 937	100%	228	100%	20 499	100%	261 663	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Graph 25 - Total number of very large ships, by class – 2006**Graph 26 - Gross tonnage of very large ships, by class – 2006**

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 - 2006

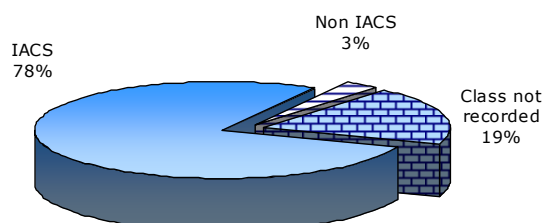
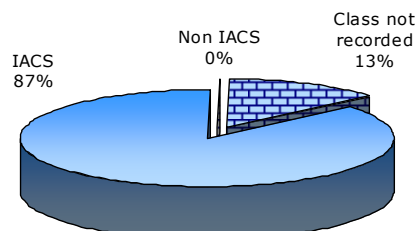
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	653	11,0%	164	82,0%	306	21,0%	1 123	14,8%
Specialized Cargo Ships	8	0,1%			2	0,1%	10	0,1%
Container Ships	978	16,5%	2	1,0%	269	18,4%	1 249	16,4%
Ro-Ro Cargo Ships	193	3,3%			29	2,0%	222	2,9%
Bulk Carriers	1 063	17,9%	4	2,0%	253	17,3%	1 320	17,4%
Oil and Chemical Tankers	1 837	31,0%	5	2,5%	299	20,5%	2 141	28,2%
Gas Tankers	192	3,2%			45	3,1%	237	3,1%
Other Tankers	12	0,2%			4	0,3%	16	0,2%
Passenger Ships	210	3,5%	17	8,5%	103	7,1%	330	4,3%
Offshore Vessels	578	9,7%	3	1,5%	84	5,8%	665	8,8%
Service Ships	119	2,0%	3	1,5%	47	3,2%	169	2,2%
Tugs	92	1,6%	2	1,0%	19	1,3%	113	1,5%
Total	5 935	100%	200	100%	1 460	100%	7 595	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 30 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 0-4 years old, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 823	2,5%	237	74,7%	1 339	4,5%	6 398	2,9%
Specialized Cargo Ships	111	0,1%			19	0,1%	130	0,1%
Container Ships	38 928	20,5%	5	1,7%	8 823	29,7%	47 756	21,7%
Ro-Ro Cargo Ships	7 609	4,0%			1 003	3,4%	8 612	3,9%
Bulk Carriers	42 646	22,4%	21	6,7%	9 565	32,2%	52 232	23,7%
Oil and Chemical Tankers	74 863	39,4%	9	2,8%	5 942	20,0%	80 814	36,7%
Gas Tankers	10 477	5,5%			1 436	4,8%	11 914	5,4%
Other Tankers	118	0,1%			12	0,0%	129	0,1%
Passenger Ships	6 353	3,3%	38	12,0%	544	1,8%	6 935	3,2%
Offshore Vessels	3 203	1,7%	2	0,7%	729	2,5%	3 934	1,8%
Service Ships	885	0,5%	4	1,1%	242	0,8%	1 131	0,5%
Tugs	117	0,1%	1	0,4%	21	0,1%	139	0,1%
Total	190 133	100%	317	100%	29 675	100%	220 125	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 27 - World fleet GT≥500: total number of 0-4 years old ships, by class - 2006**Graph 28 - World fleet GT≥500: gross tonnage of 0-4 years old of ships, by class - 2006**

0-4 YEARS OLD MEDIUM SHIPS

Table 31 - Total number of 0-4 years old medium⁽¹⁾ ships, by type and class - 2006

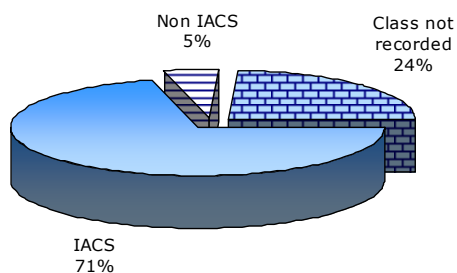
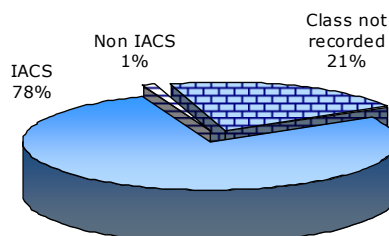
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	631	21,0%	164	82,0%	306	29,8%	1 101	26,0%
Specialized Cargo Ships	7	0,2%			2	0,2%	9	0,2%
Container Ships	332	11,1%	2	1,0%	141	13,7%	475	11,2%
Ro-Ro Cargo Ships	64	2,1%			11	1,1%	75	1,8%
Bulk Carriers	237	7,9%	4	2,0%	71	6,9%	312	7,4%
Oil and Chemical Tankers	758	25,2%	5	2,5%	220	21,4%	983	23,2%
Gas Tankers	71	2,4%			31	3,0%	102	2,4%
Other Tankers	10	0,3%			4	0,4%	14	0,3%
Passenger Ships	121	4,0%	17	8,5%	101	9,8%	239	5,7%
Offshore Vessels	563	18,8%	3	1,5%	76	7,4%	642	15,2%
Service Ships	116	3,9%	3	1,5%	45	4,4%	164	3,9%
Tugs	92	3,1%	2	1,0%	19	1,9%	113	2,7%
Total	3 002	100%	200	100%	1 027	100%	4 229	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Table 32 - Gross tonnage (in 1000 t) of 0-4 years old medium⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 120	17,7%	237	74,7%	1 339	20,8%	5 696	19,0%
Specialized Cargo Ships	81	0,3%			19	0,3%	100	0,3%
Container Ships	3 811	16,4%	5	1,7%	1 537	23,9%	5 353	17,8%
Ro-Ro Cargo Ships	958	4,1%			86	1,3%	1 044	3,5%
Bulk Carriers	3 806	16,3%	21	6,7%	904	14,1%	4 732	15,8%
Oil and Chemical Tankers	7 130	30,6%	9	2,8%	1 635	25,5%	8 774	29,2%
Gas Tankers	524	2,2%			157	2,4%	681	2,3%
Other Tankers	52	0,2%			12	0,2%	64	0,2%
Passenger Ships	652	2,8%	38	12,0%	409	6,4%	1 099	3,7%
Offshore Vessels	1 371	5,9%	2	0,7%	151	2,4%	1 525	5,1%
Service Ships	674	2,9%	4	1,1%	154	2,4%	831	2,8%
Tugs	117	0,5%	1	0,4%	21	0,3%	140	0,5%
Total	23 297	100%	317	100%	6 424	100%	30 038	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Graph 29 - Total number of 0-4 years old medium ships, by class - 2006**Graph 30 - Gross tonnage of 0-4 years old medium ships, by class - 2006**

0-4 YEARS OLD LARGE SHIPS

Table 33 - Total number of 0-4 years old large⁽¹⁾ ships, by type and class - 2006

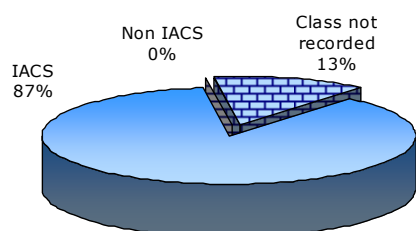
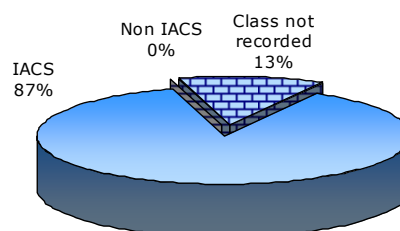
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	22	1,1%					22	1,0%
Specialized Cargo Ships	1	0,1%					1	0,0%
Container Ships	402	20,3%			79	25,9%	481	21,1%
Ro-Ro Cargo Ships	100	5,1%			13	4,3%	113	5,0%
Bulk Carriers	658	33,3%			144	47,2%	802	35,2%
Oil and Chemical Tankers	701	35,5%			60	19,7%	761	33,4%
Gas Tankers	37	1,9%			3	1,0%	40	1,8%
Other Tankers	2	0,1%					2	0,1%
Passenger Ships	51	2,6%			1	0,3%	52	2,3%
Offshore Vessels	2	0,1%			3	1,0%	5	0,2%
Service Ships					2	0,7%	2	0,1%
Tugs								
Total	1 976	100%			305	100%	2 281	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Table 34 - Gross tonnage (in 1000 t) of 0-4 years old large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	703	0,9%					703	0,8%
Specialized Cargo Ships	30	0,0%					30	0,0%
Container Ships	15 305	20,5%			2 908	26,3%	18 213	21,2%
Ro-Ro Cargo Ships	4 864	6,5%			608	5,5%	5 472	6,4%
Bulk Carriers	23 533	31,5%			5 161	46,6%	28 694	33,4%
Oil and Chemical Tankers	26 834	35,9%			2 056	18,6%	28 890	33,6%
Gas Tankers	1 492	2,0%			140	1,3%	1 632	1,9%
Other Tankers	66	0,1%					66	0,1%
Passenger Ships	1 892	2,5%			25	0,2%	1 917	2,2%
Offshore Vessels	93	0,1%			80	0,7%	174	0,2%
Service Ships					88	0,8%	88	
Tugs								
Total	74 811	100%			11 066	100%	85 877	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Graph 31 - Total number of 0-4 years old large ships, by class - 2006**Graph 32 - Gross tonnage of 0-4 years old large ships, by class - 2006**

0-4 YEARS OLD VERY LARGE SHIPS

Table 35 - Total number of 0-4 years old very large⁽¹⁾ ships, by type and class - 2006

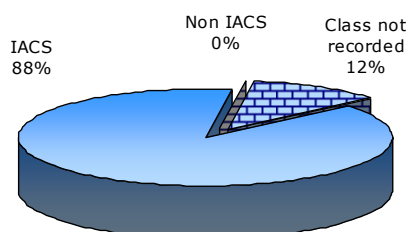
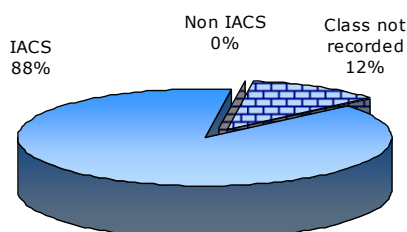
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	244	25,5%			49	38,3%	293	27,0%
Ro-Ro Cargo Ships	29	3,0%			5	3,9%	34	3,1%
Bulk Carriers	168	17,6%			38	29,7%	206	19,0%
Oil and Chemical Tankers	378	39,5%			19	14,8%	397	36,6%
Gas Tankers	84	8,8%			11	8,6%	95	8,8%
Other Tankers								
Passenger Ships	38	4,0%			1	0,8%	39	3,6%
Offshore Vessels	13	1,4%			5	3,9%	18	1,7%
Service Ships	3	0,3%					3	0,3%
Tugs								
Total	957	100%			128	100%	1 085	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Table 36 - Gross tonnage (in 1000 t) of 0-4 years old very large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	19 812	21,5%			4 378	35,9%	24 190	23,2%
Ro-Ro Cargo Ships	1 787	1,9%			309	2,5%	2 097	2,0%
Bulk Carriers	15 307	16,6%			3 501	28,7%	18 807	18,0%
Oil and Chemical Tankers	40 900	44,4%			2 250	18,5%	43 150	41,4%
Gas Tankers	8 461	9,2%			1 140	9,4%	9 601	9,2%
Other Tankers								
Passenger Ships	3 809	4,1%			110	0,9%	3 919	3,8%
Offshore Vessels	1 738	1,9%			497	4,1%	2 235	2,1%
Service Ships	211	0,2%					211	0,2%
Tugs								
Total	92 025	100%			12 186	100%	104 211	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Graph 33 - Total number of 0-4 years old very large ships, by class - 2006**Graph 34 - Gross tonnage of 0-4 years old very large ships, by class - 2006**

5-14 YEARS OLD SHIPS

Table 37 - World fleet GT≥500: total number of 5-14 years old ships, by type and class - 2006

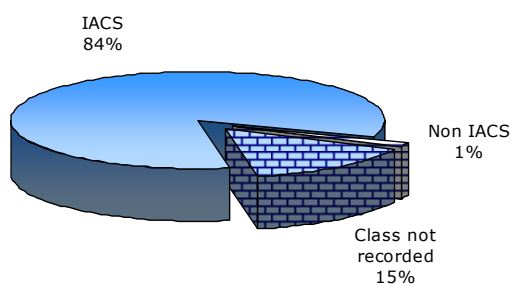
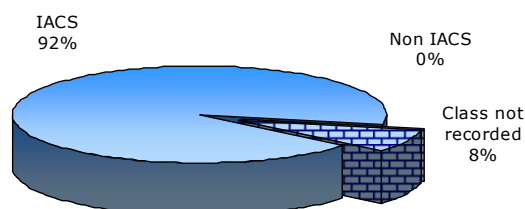
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	1 902	20,9%	59	38,1%	372	22,4%	2 333	21,4%
Specialized Cargo Ships	22	0,2%			3	0,2%	25	0,2%
Container Ships	1 587	17,4%	9	5,8%	108	6,5%	1 704	15,6%
Ro-Ro Cargo Ships	341	3,7%	1	0,6%	50	3,0%	392	3,6%
Bulk Carriers	1 739	19,1%	14	9,0%	303	18,2%	2 056	18,8%
Oil and Chemical Tankers	1 955	21,5%	22	14,2%	317	19,1%	2 294	21,0%
Gas Tankers	324	3,6%			61	3,7%	385	3,5%
Other Tankers	29	0,3%			11	0,7%	40	0,4%
Passenger Ships	467	5,1%	35	22,6%	281	16,9%	783	7,2%
Offshore Vessels	406	4,5%	1	0,6%	31	1,9%	438	4,0%
Service Ships	234	2,6%	13	8,4%	114	6,9%	361	3,3%
Tugs	91	1,0%	1	0,6%	11	0,7%	103	0,9%
Total	9 097	100%	155	100%	1 662	100%	10 914	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 38 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 5-14 years old, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	12 214	5,3%	170	27,5%	1 211	6,4%	13 595	5,5%
Specialized Cargo Ships	233	0,1%			21	0,1%	254	0,1%
Container Ships	41 395	18,1%	47	7,7%	2 141	11,3%	43 583	17,5%
Ro-Ro Cargo Ships	9 089	4,0%	2	0,2%	1 137	6,0%	10 228	4,1%
Bulk Carriers	63 412	27,7%	250	40,5%	8 426	44,4%	72 089	29,0%
Oil and Chemical Tankers	80 063	35,0%	35	5,7%	3 076	16,2%	83 175	33,5%
Gas Tankers	7 994	3,5%			728	3,8%	8 722	3,5%
Other Tankers	121	0,1%			10	0,1%	132	0,1%
Passenger Ships	9 557	4,2%	85	13,7%	1 025	5,4%	10 667	4,3%
Offshore Vessels	3 015	1,3%	1	0,2%	761	4,0%	3 777	1,5%
Service Ships	1 634	0,7%	26	4,2%	441	2,3%	2 100	0,8%
Tugs	99	0,0%	1	0,2%	11	0,1%	112	0,0%
Total	228 828	100%	617	100%	18 989	100%	248 434	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 35 - World fleet GT≥500: total number of 5-14 years old ships, by class - 2006**Graph 36 - World fleet GT≥500: gross tonnage of 5-14 years old of ships, by class - 2006**

5-14 YEARS OLD MEDIUM SHIPS

Table 39 - Total number of 5-14 years old medium⁽¹⁾ ships, by type and class - 2006

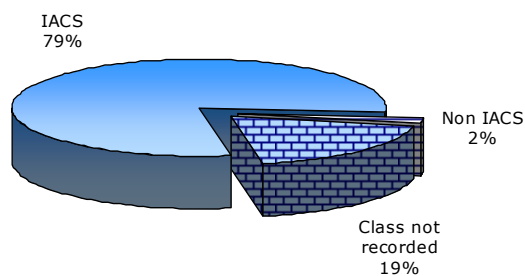
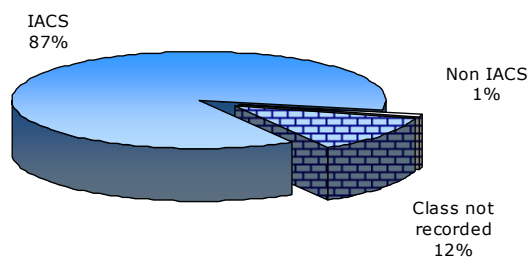
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 829	31,3%	59	39,1%	366	26,4%	2 254	30,5%
Specialized Cargo Ships	20	0,3%			3	0,2%	23	0,3%
Container Ships	954	16,3%	9	6,0%	85	6,1%	1 048	14,2%
Ro-Ro Cargo Ships	203	3,5%	1	0,7%	29	2,1%	233	3,2%
Bulk Carriers	512	8,7%	10	6,6%	134	9,7%	656	8,9%
Oil and Chemical Tankers	1 060	18,1%	22	14,6%	285	20,5%	1 367	18,5%
Gas Tankers	238	4,1%			52	3,7%	290	3,9%
Other Tankers	29	0,5%			11	0,8%	40	0,5%
Passenger Ships	321	5,5%	35	23,2%	280	20,2%	636	8,6%
Offshore Vessels	371	6,3%	1	0,7%	22	1,6%	394	5,3%
Service Ships	224	3,8%	13	8,6%	110	7,9%	347	4,7%
Tugs	91	1,6%	1	0,7%	11	0,8%	103	1,4%
Total	5 852	100%	151	100%	1 388	100%	7 391	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2006

Table 40 - Gross tonnage (in 1000 t) of 5-14 years old medium⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	9 986	22,3%	170	37,4%	1 041	16,3%	11 197	21,7%
Specialized Cargo Ships	144	0,3%			21	0,3%	164	0,3%
Container Ships	11 512	25,7%	47	10,4%	936	14,6%	12 495	24,2%
Ro-Ro Cargo Ships	2 253	5,0%	2	0,3%	155	2,4%	2 410	4,7%
Bulk Carriers	7 260	16,2%	87	19,1%	1 502	23,5%	8 849	17,1%
Oil and Chemical Tankers	7 953	17,8%	35	7,8%	1 155	18,1%	9 144	17,7%
Gas Tankers	1 342	3,0%			194	3,0%	1 536	3,0%
Other Tankers	121	0,3%			10	0,2%	132	0,3%
Passenger Ships	2 056	4,6%	85	18,7%	996	15,6%	3 137	6,1%
Offshore Vessels	928	2,1%	1	0,2%	51	0,8%	979	1,9%
Service Ships	1 144	2,6%	26	5,7%	321	5,0%	1 490	2,9%
Tugs	99	0,2%	1	0,3%	11	0,2%	112	0,2%
Total	44 799	100%	454	100%	6 393	100%	51 645	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2006

Graph 37 - Total number of 5-14 years old medium ships, by class - 2006**Graph 38 - Gross tonnage of 5-14 years old medium ships, by class - 2006**

5-14 YEARS OLD LARGE SHIPS

Table 41 - Total number of 5-14 years old large⁽¹⁾ ships, by type and class - 2006

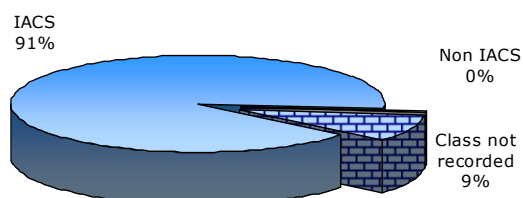
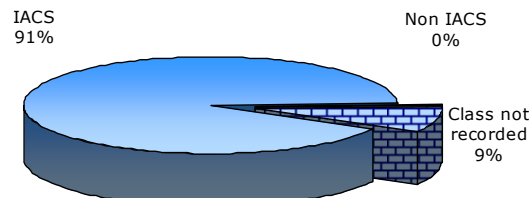
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	73	3,3%			6	2,6%	79	3,2%
Specialized Cargo Ships	2	0,1%					2	0,1%
Container Ships	463	20,7%			16	7,0%	479	19,4%
Ro-Ro Cargo Ships	125	5,6%			21	9,3%	146	5,9%
Bulk Carriers	942	42,1%	3	100%	144	63,4%	1 089	44,1%
Oil and Chemical Tankers	472	21,1%			24	10,6%	496	20,1%
Gas Tankers	37	1,7%			7	3,1%	44	1,8%
Other Tankers								
Passenger Ships	98	4,4%			1	0,4%	99	4,0%
Offshore Vessels	19	0,8%			4	1,8%	23	0,9%
Service Ships	6	0,3%			4	1,8%	10	0,4%
Tugs								
Total	2 237	100%	3	100%	227	100%	2 467	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Table 42 - Gross tonnage (in 1000 t) of 5-14 years old large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 228	2,6%			170	2,0%	2 398	2,6%
Specialized Cargo Ships	90	0,1%					90	0,1%
Container Ships	17 803	21,1%			747	8,9%	18 549	20,0%
Ro-Ro Cargo Ships	5 949	7,0%			982	11,8%	6 931	7,5%
Bulk Carriers	32 373	38,4%	86	100%	4 823	57,8%	37 282	40,2%
Oil and Chemical Tankers	19 761	23,4%			952	11,4%	20 713	22,3%
Gas Tankers	1 617	1,9%			312	3,7%	1 929	2,1%
Other Tankers								
Passenger Ships	3 495	4,1%			29	0,4%	3 525	3,8%
Offshore Vessels	863	1,0%			212	2,5%	1 075	1,2%
Service Ships	206	0,2%			120	1,4%	326	0,4%
Tugs								
Total	84 384	100%	86	100%	8 347	100%	92 817	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Graph 39 - Total number of 5-14 years old large ships, by class - 2006**Graph 40 - Gross tonnage of 5-14 years old large ships, by class - 2006**

5-14 YEARS OLD VERY LARGE SHIPS

Table 43 - Total number of 5-14 years old very large⁽¹⁾ ships, by type and class - 2006

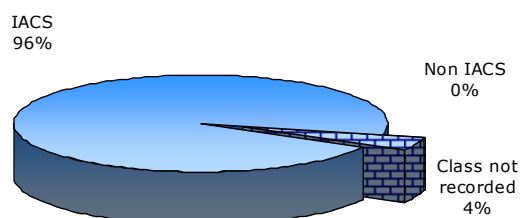
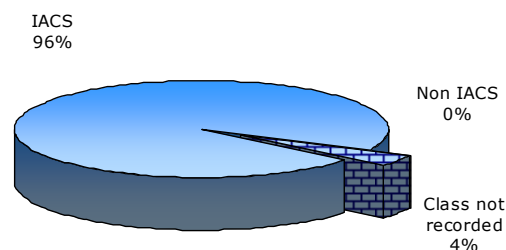
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	170	16,9%			7	14,9%	177	16,8%
Ro-Ro Cargo Ships	13	1,3%					13	1,2%
Bulk Carriers	285	28,3%	1	100%	25	53,2%	311	29,5%
Oil and Chemical Tankers	423	42,0%			8	17,0%	431	40,8%
Gas Tankers	49	4,9%			2	4,3%	51	4,8%
Other Tankers								
Passenger Ships	48	4,8%					48	4,5%
Offshore Vessels	16	1,6%			5	10,6%	21	2,0%
Service Ships	4	0,4%					4	0,4%
Tugs								
Total	1 008	100%	1	100%	47	100%	1 056	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Table 44 - Gross tonnage (in 1000 t) of 5-14 years old very large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	12 081	12,1%			459	10,8%	12 539	12,1%
Ro-Ro Cargo Ships	887	0,9%					887	0,9%
Bulk Carriers	23 779	23,9%	77	100%	2 101	49,4%	25 958	25,0%
Oil and Chemical Tankers	52 349	52,5%			969	22,8%	53 318	51,3%
Gas Tankers	5 034	5,1%			222	5,2%	5 257	5,1%
Other Tankers								
Passenger Ships	4 006	4,0%					4 006	3,9%
Offshore Vessels	1 224	1,2%			498	11,7%	1 723	1,7%
Service Ships	284	0,3%					284	0,3%
Tugs								
Total	99 645	100%	77	100%	4 250	100%	103 972	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Graph 41 - Total number of 5-14 years old very large ships, by class - 2006**Graph 42 - Gross tonnage of 5-14 years old very large ships, by class - 2006**

15-24 YEARS OLD SHIPS

Table 45 - World fleet GT≥500: total number of 15-24 years old ships, by type and class - 2006

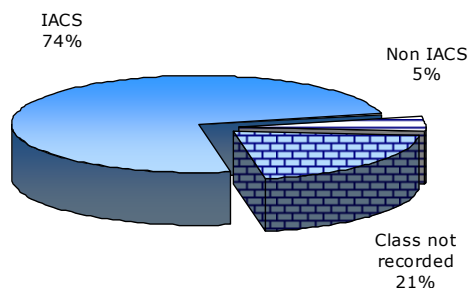
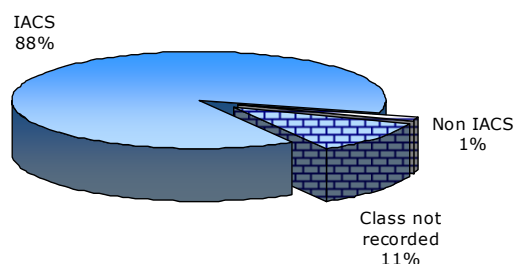
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 468	29,8%	315	60,1%	815	35,4%	3 598	32,4%
Specialized Cargo Ships	62	0,7%	3	0,6%	6	0,3%	71	0,6%
Container Ships	610	7,4%	15	2,9%	40	1,7%	665	6,0%
Ro-Ro Cargo Ships	347	4,2%	11	2,1%	71	3,1%	429	3,9%
Bulk Carriers	1 572	19,0%	35	6,7%	307	13,3%	1 914	17,2%
Oil and Chemical Tankers	1 539	18,6%	59	11,3%	347	15,1%	1 945	17,5%
Gas Tankers	264	3,2%	3	0,6%	26	1,1%	293	2,6%
Other Tankers	41	0,5%	3	0,6%	14	0,6%	58	0,5%
Passenger Ships	293	3,5%	40	7,6%	293	12,7%	626	5,6%
Offshore Vessels	652	7,9%	5	1,0%	124	5,4%	781	7,0%
Service Ships	336	4,1%	25	4,8%	220	9,6%	581	5,2%
Tugs	106	1,3%	10	1,9%	39	1,7%	155	1,4%
Total	8 290	100%	524	100%	2 302	100%	11 116	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 46 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 15-24 years old, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	14 056	10,3%	753	42,5%	2 470	14,4%	17 279	11,1%
Specialized Cargo Ships	933	0,7%	2	0,1%	24	0,1%	959	0,6%
Container Ships	14 707	10,7%	129	7,3%	1 081	6,3%	15 917	10,2%
Ro-Ro Cargo Ships	8 062	5,9%	109	6,2%	1 433	8,4%	9 604	6,2%
Bulk Carriers	49 880	36,4%	467	26,4%	6 569	38,4%	56 916	36,5%
Oil and Chemical Tankers	37 011	27,0%	135	7,6%	3 580	20,9%	40 726	26,1%
Gas Tankers	3 966	2,9%	8	0,4%	284	1,7%	4 257	2,7%
Other Tankers	174	0,1%	3	0,2%	15	0,1%	192	0,1%
Passenger Ships	4 335	3,2%	121	6,8%	831	4,9%	5 287	3,4%
Offshore Vessels	1 839	1,3%	7	0,4%	280	1,6%	2 126	1,4%
Service Ships	1 775	1,3%	27	1,5%	510	3,0%	2 312	1,5%
Tugs	129	0,1%	8	0,4%	33	0,2%	170	0,1%
Total	136 865	100%	1 769	100%	17 112	100%	155 745	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 43 - World fleet GT≥500: total number of 15-24 years old ships, by class - 2006**Graph 44 - World fleet GT≥500: gross tonnage of 15-24 years old of ships, by class - 2006**

15-24 YEARS OLD MEDIUM SHIPS

Table 47 - Total number of 15-24 years old medium⁽¹⁾ ships, by type and class - 2006

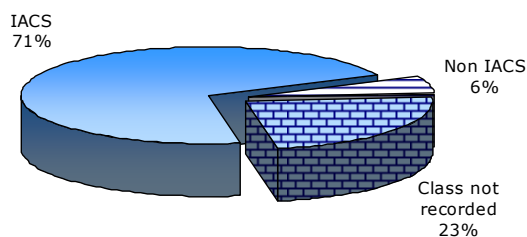
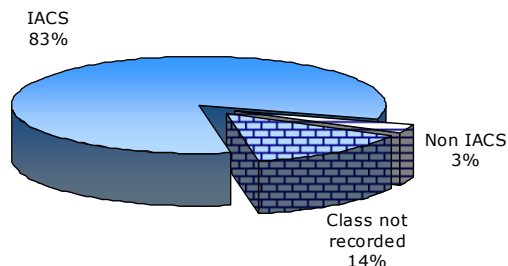
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 412	37,3%	315	60,3%	815	38,3%	3 542	38,9%
Specialized Cargo Ships	47	0,7%	3	0,6%	6	0,3%	56	0,6%
Container Ships	360	5,6%	15	2,9%	17	0,8%	392	4,3%
Ro-Ro Cargo Ships	202	3,1%	11	2,1%	41	1,9%	254	2,8%
Bulk Carriers	830	12,8%	33	6,3%	229	10,8%	1 092	12,0%
Oil and Chemical Tankers	1 056	16,3%	59	11,3%	312	14,7%	1 427	15,7%
Gas Tankers	220	3,4%	3	0,6%	22	1,0%	245	2,7%
Other Tankers	41	0,6%	3	0,6%	14	0,7%	58	0,6%
Passenger Ships	222	3,4%	40	7,7%	292	13,7%	554	6,1%
Offshore Vessels	642	9,9%	5	1,0%	121	5,7%	768	8,4%
Service Ships	324	5,0%	25	4,8%	220	10,3%	569	6,2%
Tugs	106	1,6%	10	1,9%	39	1,8%	155	1,7%
Total	6 462	100%	522	100%	2 128	100%	9 112	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2006

Table 48 - Gross tonnage (in 1000 t) of 15-24 years old medium⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	12 491	26,4%	753	44,5%	2 470	29,8%	15 714	27,4%
Specialized Cargo Ships	424	0,9%	2	0,1%	24	0,3%	451	0,8%
Container Ships	4 692	9,9%	129	7,6%	118	1,4%	4 939	8,6%
Ro-Ro Cargo Ships	1 867	3,9%	109	6,5%	245	3,0%	2 222	3,9%
Bulk Carriers	14 159	29,9%	391	23,1%	2 958	35,7%	17 508	30,6%
Oil and Chemical Tankers	8 175	17,3%	135	8,0%	895	10,8%	9 205	16,1%
Gas Tankers	1 264	2,7%	8	0,5%	42	0,5%	1 314	2,3%
Other Tankers	174	0,4%	3	0,2%	15	0,2%	192	0,3%
Passenger Ships	1 526	3,2%	121	7,1%	804	9,7%	2 451	4,3%
Offshore Vessels	1 113	2,4%	7	0,4%	166	2,0%	1 286	2,2%
Service Ships	1 300	2,7%	27	1,6%	510	6,2%	1 838	3,2%
Tugs	129	0,3%	8	0,5%	33	0,4%	170	0,3%
Total	47 315	100%	1 692	100%	8 283	100%	57 290	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2006

Graph 45 - Total number of 15-24 years old medium ships, by class - 2006**Graph 46 - Gross tonnage of 15-24 years old medium ships, by class - 2006**

15-24 YEARS OLD LARGE SHIPS

Table 49 - Total number of 15-24 years old large⁽¹⁾ ships, by type and class - 2006

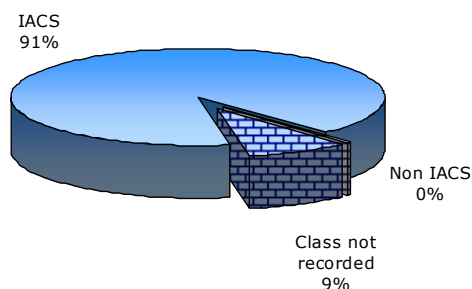
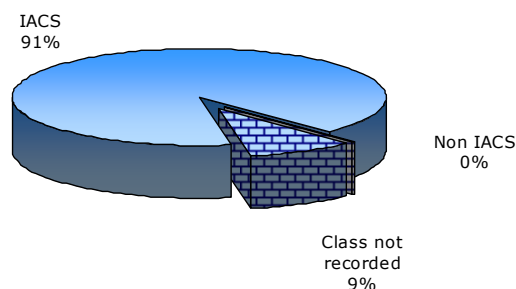
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	56	3,8%					56	3,4%
Specialized Cargo Ships	15	1,0%					15	0,9%
Container Ships	245	16,5%			23	15,9%	268	16,5%
Ro-Ro Cargo Ships	142	9,6%			30	20,7%	172	10,6%
Bulk Carriers	562	37,9%	2	100%	61	42,1%	625	38,4%
Oil and Chemical Tankers	349	23,6%			24	16,6%	373	22,9%
Gas Tankers	30	2,0%			3	2,1%	33	2,0%
Other Tankers								
Passenger Ships	64	4,3%			1	0,7%	65	4,0%
Offshore Vessels	6	0,4%			3	2,1%	9	0,6%
Service Ships	12	0,8%					12	0,7%
Tugs								
Total	1 481	100%	2	100%	145	100%	1 628	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Table 50 - Gross tonnage (in 1000 t) of 15-24 years old large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 565	2,8%					1 565	2,5%
Specialized Cargo Ships	508	0,9%					508	0,8%
Container Ships	9 705	17,4%			964	17,1%	10 669	17,4%
Ro-Ro Cargo Ships	5 995	10,8%			1 188	21,0%	7 183	11,7%
Bulk Carriers	19 464	34,9%	77	100%	2 121	37,6%	21 662	35,3%
Oil and Chemical Tankers	14 089	25,3%			1 090	19,3%	15 179	24,7%
Gas Tankers	1 284	2,3%			144	2,5%	1 427	2,3%
Other Tankers								
Passenger Ships	2 317	4,2%			27	0,5%	2 343	3,8%
Offshore Vessels	294	0,5%			114	2,0%	408	0,7%
Service Ships	475	0,9%					475	0,8%
Tugs								
Total	55 695	100%	77	100%	5 647	100%	61 418	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Graph 47 - Total number of 15-24 years old large ships, by class - 2006**Graph 48 - Gross tonnage of 15-24 years old large ships, by class - 2006**

15-24 YEARS OLD VERY LARGE SHIPS

Table 51 - Total number of 15-24 years old very large⁽¹⁾ ships, by type and class - 2006

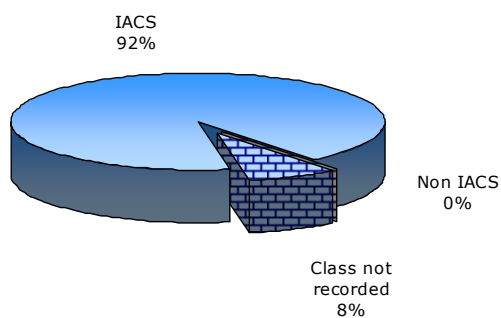
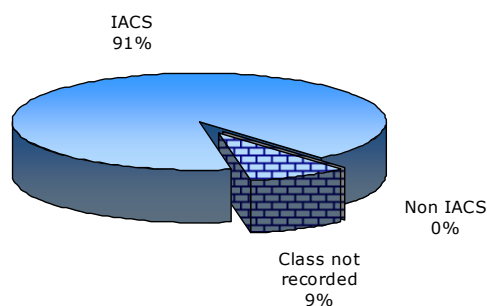
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	5	1,4%					5	1,3%
Ro-Ro Cargo Ships	3	0,9%					3	0,8%
Bulk Carriers	180	51,9%			17	58,6%	197	52,4%
Oil and Chemical Tankers	134	38,6%			11	37,9%	145	38,6%
Gas Tankers	14	4,0%			1	3,4%	15	4,0%
Other Tankers								
Passenger Ships	7	2,0%					7	1,9%
Offshore Vessels	4	1,2%					4	1,1%
Service Ships								
Tugs								
Total	347	100%			29	100%	376	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Table 52 - Gross tonnage (in 1000 t) of 15-24 years old very large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	310	0,9%					310	0,8%
Ro-Ro Cargo Ships	200	0,6%					200	0,5%
Bulk Carriers	16 256	48,0%			1 490	46,8%	17 746	47,9%
Oil and Chemical Tankers	14 747	43,6%			1 595	50,1%	16 342	44,1%
Gas Tankers	1 418	4,2%			98	3,1%	1 516	4,1%
Other Tankers								
Passenger Ships	492	1,5%					492	1,3%
Offshore Vessels	432	1,3%					432	1,2%
Service Ships								
Tugs								
Total	33 855	100%			3 182	100%	37 037	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Graph 49 - Total number of 15-24 years old very large ships, by class - 2006**Graph 50 - Gross tonnage of 15-24 years old very large ships, by class - 2006**

25+ YEARS OLD SHIPS

Table 53 - World fleet GT≥500: total number of 25+ years old ships, by type and class - 2006

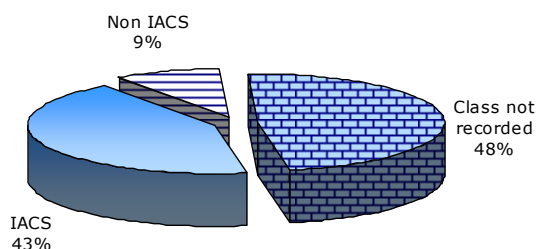
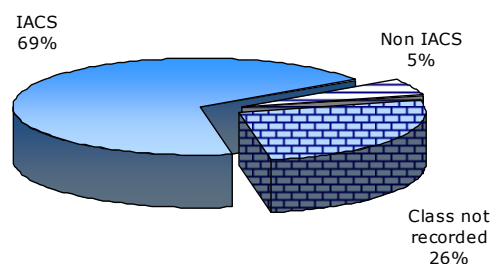
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 010	31,7%	706	52,8%	3 194	44,7%	5 910	39,9%
Specialized Cargo Ships	52	0,8%	6	0,4%	45	0,6%	103	0,7%
Container Ships	240	3,8%	26	1,9%	75	1,1%	341	2,3%
Ro-Ro Cargo Ships	332	5,2%	20	1,5%	159	2,2%	511	3,4%
Bulk Carriers	837	13,2%	172	12,9%	505	7,1%	1 514	10,2%
Oil and Chemical Tankers	748	11,8%	222	16,6%	1 225	17,2%	2 195	14,8%
Gas Tankers	197	3,1%	8	0,6%	126	1,8%	331	2,2%
Other Tankers	56	0,9%	11	0,8%	40	0,6%	107	0,7%
Passenger Ships	463	7,3%	117	8,8%	614	8,6%	1 194	8,1%
Offshore Vessels	755	11,9%	21	1,6%	320	4,5%	1 096	7,4%
Service Ships	429	6,8%	23	1,7%	675	9,5%	1 127	7,6%
Tugs	229	3,6%	5	0,4%	162	2,3%	396	2,7%
Total	6 348	100%	1 337	100%	7 140	100%	14 825	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 54 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 25+ years old, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	10 575	15,8%	1 856	34,6%	8 660	33,8%	21 090	21,5%
Specialized Cargo Ships	752	1,1%	19	0,4%	139	0,5%	910	0,9%
Container Ships	4 915	7,3%	192	3,6%	394	1,5%	5 501	5,6%
Ro-Ro Cargo Ships	5 517	8,2%	133	2,5%	1 256	4,9%	6 906	7,0%
Bulk Carriers	15 897	23,7%	1 951	36,3%	7 524	29,4%	25 372	25,9%
Oil and Chemical Tankers	9 881	14,7%	492	9,2%	3 661	14,3%	14 034	14,3%
Gas Tankers	5 585	8,3%	9	0,2%	295	1,2%	5 890	6,0%
Other Tankers	214	0,3%	30	0,6%	57	0,2%	300	0,3%
Passenger Ships	4 476	6,7%	471	8,8%	1 344	5,2%	6 291	6,4%
Offshore Vessels	7 356	11,0%	173	3,2%	650	2,5%	8 180	8,3%
Service Ships	1 688	2,5%	38	0,7%	1 530	6,0%	3 256	3,3%
Tugs	231	0,3%	4	0,1%	116	0,5%	352	0,4%
Total	67 086	100%	5 369	100%	25 627	100%	98 082	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 51 - World fleet GT≥500: total number of 25+ years old ships, by class - 2006**Graph 52 - World fleet GT≥500: gross tonnage of 25+ years old of ships, by class - 2006**

25+ YEARS OLD MEDIUM SHIPS

Table 55 - Total number of 25+ years old medium⁽¹⁾ ships, by type and class - 2006

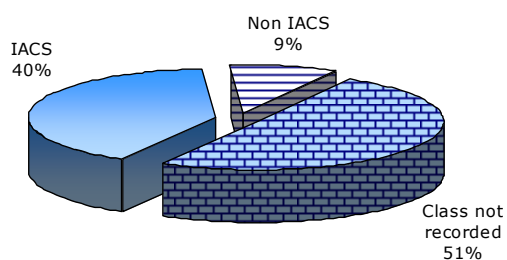
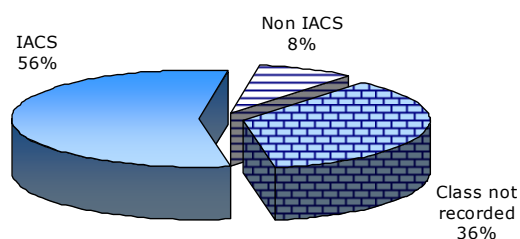
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 974	34,7%	706	53,2%	3 194	45,3%	5 874	41,8%
Specialized Cargo Ships	38	0,7%	6	0,5%	44	0,6%	88	0,6%
Container Ships	152	2,7%	26	2,0%	72	1,0%	250	1,8%
Ro-Ro Cargo Ships	252	4,4%	20	1,5%	144	2,0%	416	3,0%
Bulk Carriers	662	11,6%	166	12,5%	456	6,5%	1 284	9,1%
Oil and Chemical Tankers	661	11,6%	221	16,6%	1 212	17,2%	2 094	14,9%
Gas Tankers	112	2,0%	8	0,6%	123	1,7%	243	1,7%
Other Tankers	55	1,0%	11	0,8%	40	0,6%	106	0,8%
Passenger Ships	436	7,7%	117	8,8%	612	8,7%	1 165	8,3%
Offshore Vessels	693	12,2%	19	1,4%	318	4,5%	1 030	7,3%
Service Ships	420	7,4%	23	1,7%	673	9,5%	1 116	7,9%
Tugs	229	4,0%	5	0,4%	162	2,3%	396	2,8%
Total	5 684	100%	1 328	100%	7 050	100%	14 062	100%

Source: Equasis processed by EMSA - ⁽¹⁾500≤GT<25.000 - IACS membership on 31/12/2006

Table 56 - Gross tonnage (in 1000 t) of 25+ years old medium⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	9 581	28,8%	1 856	37,3%	8 660	39,5%	20 096	33,4%
Specialized Cargo Ships	265	0,8%	19	0,4%	109	0,5%	393	0,7%
Container Ships	1 867	5,6%	192	3,9%	291	1,3%	2 350	3,9%
Ro-Ro Cargo Ships	2 541	7,6%	133	2,7%	689	3,1%	3 364	5,6%
Bulk Carriers	8 629	25,9%	1 754	35,3%	5 543	25,3%	15 927	26,5%
Oil and Chemical Tankers	3 519	10,6%	444	8,9%	3 143	14,3%	7 106	11,8%
Gas Tankers	490	1,5%	9	0,2%	153	0,7%	652	1,1%
Other Tankers	183	0,6%	30	0,6%	57	0,3%	270	0,4%
Passenger Ships	3 624	10,9%	471	9,5%	1 266	5,8%	5 362	8,9%
Offshore Vessels	1 034	3,1%	23	0,5%	423	1,9%	1 480	2,5%
Service Ships	1 352	4,1%	38	0,8%	1 466	6,7%	2 856	4,7%
Tugs	231	0,7%	4	0,1%	116	0,5%	352	0,6%
Total	33 316	100%	4 974	100%	21 917	100%	60 207	100%

Source: Equasis processed by EMSA - ⁽¹⁾500≤GT<25.000 - IACS membership on 31/12/2006

Graph 53 - Total number of 25+ years old medium ships, by class - 2006**Graph 54 - Gross tonnage of 25+ years old medium ships, by class - 2006**

25+ YEARS OLD LARGE SHIPS

Table 57 - Total number of 25+ years old large⁽¹⁾ ships, by type and class - 2006

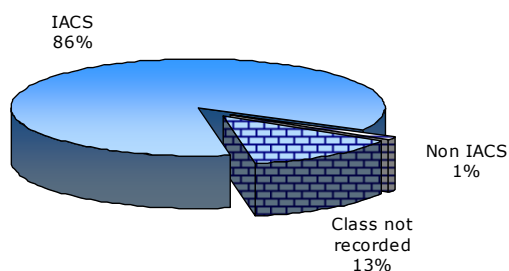
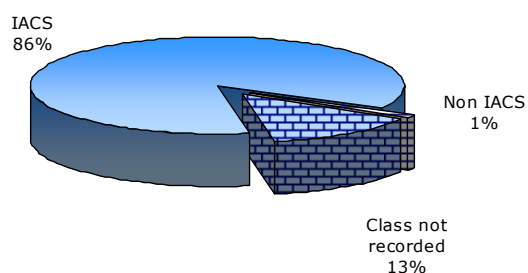
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	36	7,0%					36	6,0%
Specialized Cargo Ships	14	2,7%			1	1,3%	15	2,5%
Container Ships	88	17,2%			3	3,8%	91	15,2%
Ro-Ro Cargo Ships	80	15,6%			15	19,0%	95	15,9%
Bulk Carriers	149	29,1%	6	86%	42	53,2%	197	32,9%
Oil and Chemical Tankers	49	9,6%	1	14%	11	13,9%	61	10,2%
Gas Tankers	50	9,8%			3	3,8%	53	8,9%
Other Tankers	1	0,2%					1	0,2%
Passenger Ships	26	5,1%			2	2,5%	28	4,7%
Offshore Vessels	10	2,0%					10	1,7%
Service Ships	9	1,8%			2	2,5%	11	1,8%
Tugs								
Total	512	100%	7	100%	79	100%	598	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Table 58 - Gross tonnage (in 1000 t) of 25+ years old large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	994	5,4%					994	4,6%
Specialized Cargo Ships	487	2,7%			30	1,1%	517	2,4%
Container Ships	3 048	16,6%			103	3,6%	3 151	14,7%
Ro-Ro Cargo Ships	2 976	16,2%			567	20,0%	3 543	16,5%
Bulk Carriers	5 283	28,8%	197	80,6%	1 460	51,6%	6 940	32,4%
Oil and Chemical Tankers	2 013	11,0%	47	19,4%	386	13,7%	2 447	11,4%
Gas Tankers	2 014	11,0%			142	5,0%	2 157	10,1%
Other Tankers	30	0,2%					30	0,1%
Passenger Ships	781	4,3%			78	2,8%	859	4,0%
Offshore Vessels	394	2,1%					394	1,8%
Service Ships	336	1,8%			63	2,2%	400	1,9%
Tugs								
Total	18 357	100%	244	100%	2 830	100%	21 431	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2006

Graph 55 - Total number of 25+ years old large ships, by class - 2006**Graph 56 - Gross tonnage of 25+ years old large ships, by class - 2006**

25+ YEARS OLD VERY LARGE SHIPS

Table 59 - Total number of 25+ years old very large⁽¹⁾ ships, by type and class - 2006

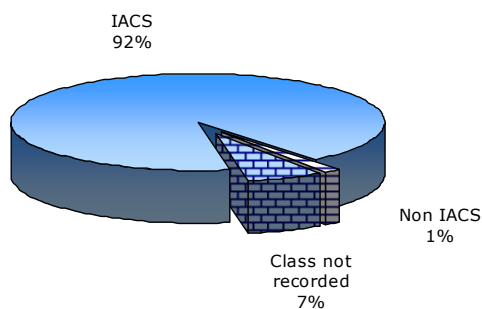
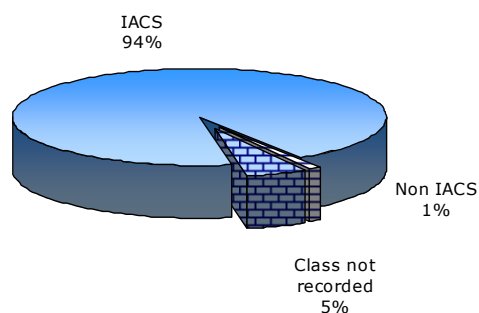
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships								
Bulk Carriers	26	17,1%			7	63,6%	33	20,0%
Oil and Chemical Tankers	38	25,0%			2	18,2%	40	24,2%
Gas Tankers	35	23,0%					35	21,2%
Other Tankers								
Passenger Ships	1	0,7%					1	0,6%
Offshore Vessels	52	34,2%	2	100%	2	18,2%	56	33,9%
Service Ships								
Tugs								
Total	152	100%	2	100%	11	100%	165	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Table 60 - Gross tonnage (in 1000 t) of 25+ years old very large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships								
Bulk Carriers	1 984	12,9%			522	59,2%	2 506	15,2%
Oil and Chemical Tankers	4 349	28,2%			132	15,0%	4 480	27,2%
Gas Tankers	3 081	20,0%					3 081	18,7%
Other Tankers								
Passenger Ships	70	0,5%					70	0,4%
Offshore Vessels	5 928	38,5%	150	100%	227	25,8%	6 306	38,3%
Service Ships								
Tugs								
Total	15 413	100%	150	100%	881	100%	16 444	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Graph 57 - Total number of 25+ years old very large ships, by class - 2006**Graph 58 - Gross tonnage of 25+ years old very large ships, by class - 2006**

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 – 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 261	32,8%	1 173	58,8%	2 991	46,7%	8 425	39,4%
Specialized Cargo Ships	60	0,5%	9	0,5%	42	0,7%	111	0,5%
Container Ships	1 307	10,1%	43	2,2%	281	4,4%	1 631	7,6%
Ro-Ro Cargo Ships	580	4,5%	23	1,2%	191	3,0%	794	3,7%
Bulk Carriers	2 614	20,1%	185	9,3%	737	11,5%	3 536	16,5%
Oil and Chemical Tankers	2 048	15,8%	273	13,7%	1 122	17,5%	3 443	16,1%
Gas Tankers	325	2,5%	10	0,5%	123	1,9%	458	2,1%
Other Tankers	65	0,5%	10	0,5%	34	0,5%	109	0,5%
Passenger Ships	486	3,7%	177	8,9%	285	4,5%	948	4,4%
Offshore Vessels	704	5,4%	25	1,3%	196	3,1%	925	4,3%
Service Ships	349	2,7%	51	2,6%	327	5,1%	727	3,4%
Tugs	179	1,4%	15	0,8%	69	1,1%	263	1,2%
Total	12 978	100%	1 994	100%	6 398	100%	21 370	100%

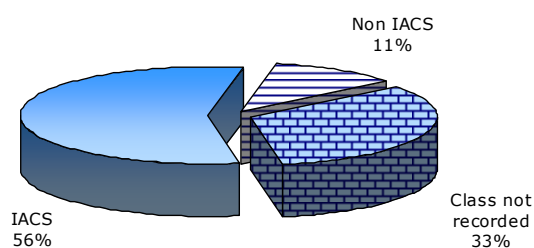
Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 62 - World fleet GT≥500: gross tonnage (in 1000 t) of targeted flagships, by type and class – 2006

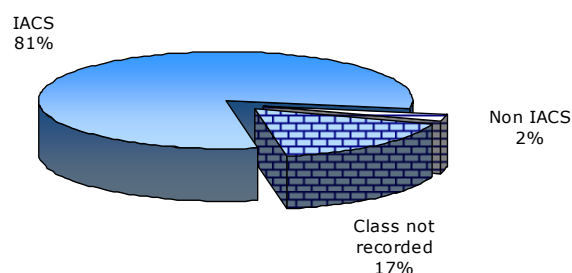
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	21 016	9,1%	2 797	40,9%	8 296	16,9%	32 109	11,2%
Specialized Cargo Ships	1 121	0,5%	21	0,3%	157	0,3%	1 299	0,5%
Container Ships	32 463	14,1%	286	4,2%	6 838	13,9%	39 587	13,8%
Ro-Ro Cargo Ships	13 876	6,0%	150	2,2%	3 617	7,4%	17 643	6,2%
Bulk Carriers	84 373	36,5%	2 138	31,3%	18 886	38,5%	105 398	36,8%
Oil and Chemical Tankers	56 063	24,3%	607	8,9%	7 686	15,7%	64 356	22,4%
Gas Tankers	8 105	3,5%	16	0,2%	1 086	2,2%	9 207	3,2%
Other Tankers	198	0,1%	19	0,3%	49	0,1%	267	0,1%
Passenger Ships	7 671	3,3%	539	7,9%	1 016	2,1%	9 226	3,2%
Offshore Vessels	4 477	1,9%	179	2,6%	612	1,2%	5 269	1,8%
Service Ships	1 325	0,6%	73	1,1%	713	1,5%	2 110	0,7%
Tugs	237	0,1%	11	0,2%	60	0,1%	308	0,1%
Total	230 926	100%	6 836	100%	49 016	100%	286 778	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 59 - Total number of targeted flag ships GT≥500, by class – 2006



Graph 60 - Gross tonnage of targeted flag ships GT≥500, by class – 2006



TARGETED FLAGS – MEDIUM SHIPS

Table 63 - Total number of targeted flag medium⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 243	42,8%	1 173	59,2%	2 990	51,0%	8 406	47,3%
Specialized Cargo Ships	38	0,4%	9	0,5%	41	0,7%	88	0,5%
Container Ships	833	8,4%	43	2,2%	190	3,2%	1 066	6,0%
Ro-Ro Cargo Ships	348	3,5%	23	1,2%	126	2,2%	497	2,8%
Bulk Carriers	1 205	12,2%	174	8,8%	444	7,6%	1 823	10,3%
Oil and Chemical Tankers	1 392	14,0%	272	13,7%	1 054	18,0%	2 718	15,3%
Gas Tankers	225	2,3%	10	0,5%	109	1,9%	344	1,9%
Other Tankers	64	0,6%	10	0,5%	34	0,6%	108	0,6%
Passenger Ships	378	3,8%	177	8,9%	283	4,8%	838	4,7%
Offshore Vessels	665	6,7%	23	1,2%	192	3,3%	880	5,0%
Service Ships	347	3,5%	51	2,6%	327	5,6%	725	4,1%
Tugs	179	1,8%	15	0,8%	69	1,2%	263	1,5%
Total	9 917	100%	1 980	100%	5 859	100%	17 756	100%

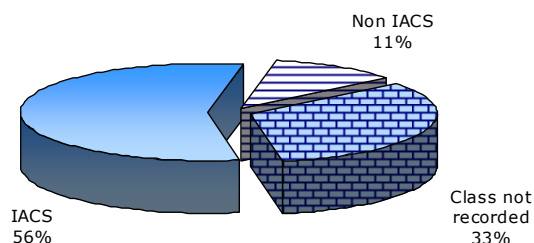
Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Table 64 - Gross tonnage (in 1000 t) of targeted flag medium⁽¹⁾ ships, by type and class - 2006

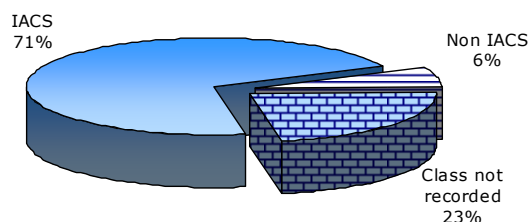
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	20 535	29,7%	2 797	44,9%	8 270	36,9%	31 602	32,3%
Specialized Cargo Ships	343	0,5%	21	0,3%	126	0,6%	491	0,5%
Container Ships	9 796	14,2%	286	4,6%	1 727	7,7%	11 808	12,1%
Ro-Ro Cargo Ships	3 460	5,0%	150	2,4%	715	3,2%	4 324	4,4%
Bulk Carriers	18 726	27,1%	1 732	27,8%	5 451	24,3%	25 908	26,5%
Oil and Chemical Tankers	9 649	13,9%	559	9,0%	3 862	17,2%	14 071	14,4%
Gas Tankers	1 249	1,8%	16	0,3%	266	1,2%	1 531	1,6%
Other Tankers	168	0,2%	19	0,3%	49	0,2%	236	0,2%
Passenger Ships	2 637	3,8%	539	8,6%	879	3,9%	4 055	4,1%
Offshore Vessels	1 137	1,6%	29	0,5%	298	1,3%	1 464	1,5%
Service Ships	1 262	1,8%	73	1,2%	713	3,2%	2 048	2,1%
Tugs	237	0,3%	11	0,2%	60	0,3%	308	0,3%
Total	69 198	100%	6 232	100%	22 416	100%	97 846	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Graph 61 - Total number of targeted flag medium ships, by class - 2006



Graph 62 - Gross tonnage of targeted flag medium ships, by class - 2006



TARGETED FLAGS – LARGE SHIPS

Table 65 - Total number of targeted flag large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	18	0,8%			1	0,2%	19	0,7%
Specialized Cargo Ships	22	1,0%			1	0,2%	23	0,8%
Container Ships	346	15,1%			59	13,9%	405	14,9%
Ro-Ro Cargo Ships	214	9,3%			60	14,2%	274	10,1%
Bulk Carriers	1 107	48,4%	10	91%	233	55,1%	1 350	49,6%
Oil and Chemical Tankers	430	18,8%	1	9%	55	13,0%	486	17,8%
Gas Tankers	49	2,1%			11	2,6%	60	2,2%
Other Tankers	1	0,0%					1	0,0%
Passenger Ships	86	3,8%			1	0,2%	87	3,2%
Offshore Vessels	14	0,6%			2	0,5%	16	0,6%
Service Ships	2	0,1%					2	0,1%
Tugs								
Total	2 289	100%	11	100%	423	100%	2 723	100%

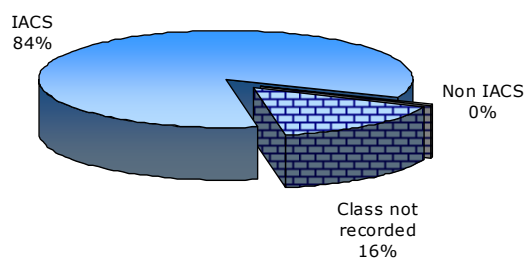
Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2006

Table 66 - Gross tonnage (in 1000 t) of targeted flag large⁽¹⁾ ships, by type and class - 2006

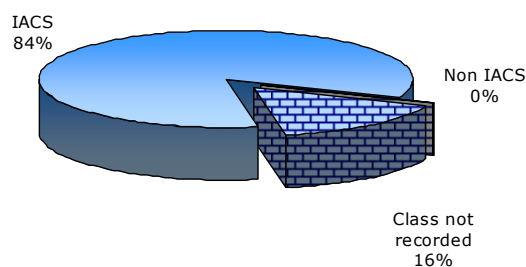
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	481	0,6%			26	0,2%	507	0,5%
Specialized Cargo Ships	778	0,9%			30	0,2%	808	0,8%
Container Ships	13 030	15,3%			2 524	15,8%	15 554	15,3%
Ro-Ro Cargo Ships	9 294	10,9%			2 593	16,3%	11 887	11,7%
Bulk Carriers	39 063	45,9%	329	87%	8 162	51,2%	47 555	46,9%
Oil and Chemical Tankers	16 490	19,4%	47	13%	1 993	12,5%	18 530	18,3%
Gas Tankers	2 070	2,4%			507	3,2%	2 577	2,5%
Other Tankers	30	0,0%					30	0,0%
Passenger Ships	3 062	3,6%			27	0,2%	3 089	3,0%
Offshore Vessels	661	0,8%			86	0,5%	747	0,7%
Service Ships	63	0,1%					63	0,1%
Tugs								
Total	85 023	100%	376	100%	15 949	100%	101 349	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2006

Graph 63 - Total number of targeted flag large ships, by class - 2006



Graph 64 - Gross tonnage of targeted flag large ships, by class - 2006



TARGETED FLAGS – VERY LARGE SHIPS

Table 67 - Total number of targeted flag very large⁽¹⁾ ships, by type and class - 2006

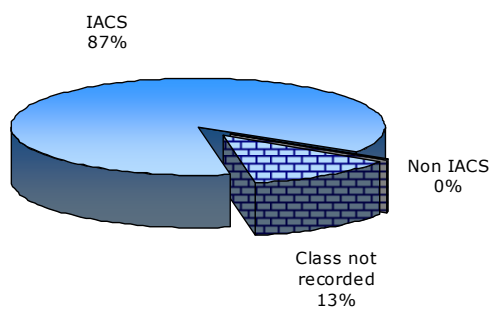
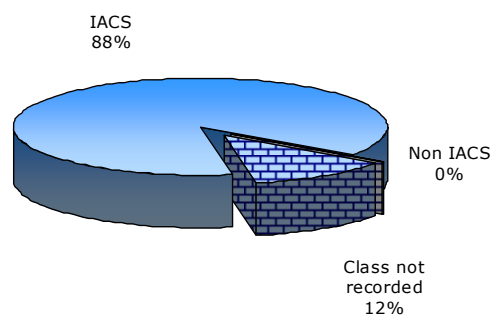
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	128	16,6%			32	27,6%	160	18,0%
Ro-Ro Cargo Ships	18	2,3%			5	4,3%	23	2,6%
Bulk Carriers	302	39,1%	1	33%	60	51,7%	363	40,7%
Oil and Chemical Tankers	226	29,3%			13	11,2%	239	26,8%
Gas Tankers	51	6,6%			3	2,6%	54	6,1%
Other Tankers								
Passenger Ships	22	2,8%			1	0,9%	23	2,6%
Offshore Vessels	25	3,2%	2	67%	2	1,7%	29	3,3%
Service Ships								
Tugs								
Total	772	100%	3	100%	116	100%	891	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2006

Table 68 - Gross tonnage (in 1000 t) of targeted flag very large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	9 637	12,6%			2 587	24,3%	12 224	14,0%
Ro-Ro Cargo Ships	1 121	1,5%			309	2,9%	1 431	1,6%
Bulk Carriers	26 585	34,7%	77	34%	5 273	49,5%	31 935	36,5%
Oil and Chemical Tankers	29 924	39,0%			1 830	17,2%	31 755	36,3%
Gas Tankers	4 786	6,2%			313	2,9%	5 099	5,8%
Other Tankers								
Passenger Ships	1 972	2,6%			110	1,0%	2 082	2,4%
Offshore Vessels	2 679	3,5%	150	66%	227	2,1%	3 057	3,5%
Service Ships								
Tugs								
Total	76 704	100%	228	100%	10 651	100%	87 583	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2006

Graph 65 - Total number of targeted flag very large ships, by class – 2006**Graph 66 - Gross tonnage of targeted flag very large ships, by class – 2006**

NON TARGETED FLAGS – WORLD FLEET GT≥500

Table 69 - World fleet GT≥500: total number of non targeted flag ships, by type and class – 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 772	16,6%	71	32,0%	1 696	27,5%	4 539	19,7%
Specialized Cargo Ships	84	0,5%			14	0,2%	98	0,4%
Container Ships	2 108	12,6%	9	4,1%	211	3,4%	2 328	10,1%
Ro-Ro Cargo Ships	633	3,8%	9	4,1%	118	1,9%	760	3,3%
Bulk Carriers	2 597	15,6%	40	18,0%	631	10,2%	3 268	14,2%
Oil and Chemical Tankers	4 031	24,1%	35	15,8%	1 066	17,3%	5 132	22,2%
Gas Tankers	652	3,9%	1	0,5%	135	2,2%	788	3,4%
Other Tankers	73	0,4%	4	1,8%	35	0,6%	112	0,5%
Passenger Ships	947	5,7%	32	14,4%	1 006	16,3%	1 985	8,6%
Offshore Vessels	1 687	10,1%	5	2,3%	363	5,9%	2 055	8,9%
Service Ships	769	4,6%	13	5,9%	729	11,8%	1 511	6,5%
Tugs	339	2,0%	3	1,4%	162	2,6%	504	2,2%
Total	16 692	100%	222	100%	6 166	100%	23 080	100%

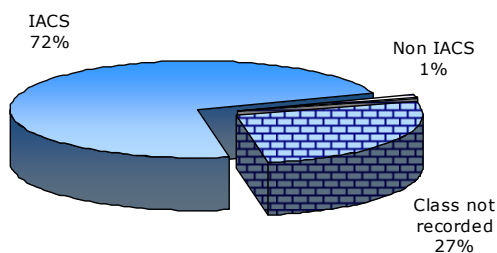
Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 70 - Gross tonnage (in 1000 t) of non targeted flag ships, by type class and class - 2006

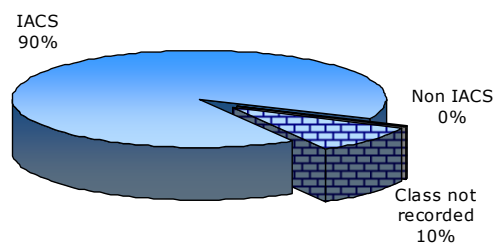
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	20 652	5,3%	218	17,6%	5 384	12,7%	26 254	6,0%
Specialized Cargo Ships	908	0,2%			47	0,1%	955	0,2%
Container Ships	67 482	17,2%	88	7,1%	5 602	13,2%	73 172	16,8%
Ro-Ro Cargo Ships	16 402	4,2%	94	7,6%	1 212	2,9%	17 708	4,1%
Bulk Carriers	87 461	22,3%	552	44,7%	13 198	31,1%	101 211	23,2%
Oil and Chemical Tankers	145 755	37,2%	64	5,2%	8 573	20,2%	154 392	35,4%
Gas Tankers	19 918	5,1%	1	0,1%	1 657	3,9%	21 576	5,0%
Other Tankers	428	0,1%	13	1,1%	44	0,1%	486	0,1%
Passenger Ships	17 049	4,3%	176	14,2%	2 729	6,4%	19 954	4,6%
Offshore Vessels	10 935	2,8%	5	0,4%	1 809	4,3%	12 748	2,9%
Service Ships	4 657	1,2%	22	1,8%	2 010	4,7%	6 689	1,5%
Tugs	340	0,1%	3	0,3%	121	0,3%	464	0,1%
Total	391 986	100%	1 236	100%	42 386	100%	435 608	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 67 - Total number of non targeted flag ships GT≥500, by class – 2006



Graph 68 - Gross tonnage of non targeted flag ships GT≥500, by class – 2006



NON TARGETED FLAGS – MEDIUM SHIPS

Table 71 - Total number of non targeted flag medium⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 603	23,5%	71	32,1%	1 691	29,5%	4 365	25,6%
Specialized Cargo Ships	74	0,7%			14	0,2%	88	0,5%
Container Ships	965	8,7%	9	4,1%	125	2,2%	1 099	6,5%
Ro-Ro Cargo Ships	373	3,4%	9	4,1%	99	1,7%	481	2,8%
Bulk Carriers	1 036	9,3%	39	17,6%	446	7,8%	1 521	8,9%
Oil and Chemical Tankers	2 143	19,3%	35	15,8%	975	17,0%	3 153	18,5%
Gas Tankers	416	3,8%	1	0,5%	119	2,1%	536	3,1%
Other Tankers	71	0,6%	4	1,8%	35	0,6%	110	0,6%
Passenger Ships	722	6,5%	32	14,5%	1 002	17,5%	1 756	10,3%
Offshore Vessels	1 604	14,5%	5	2,3%	345	6,0%	1 954	11,5%
Service Ships	737	6,6%	13	5,9%	721	12,6%	1 471	8,6%
Tugs	339	3,1%	3	1,4%	162	2,8%	504	3,0%
Total	11 083	100%	221	100%	5 734	100%	17 038	100%

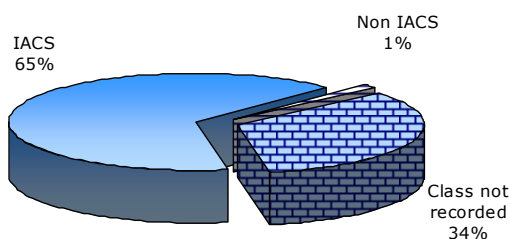
Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Table 72 - Gross tonnage (in 1000 t) of non targeted flag medium⁽¹⁾ ships, by type and class - 2006

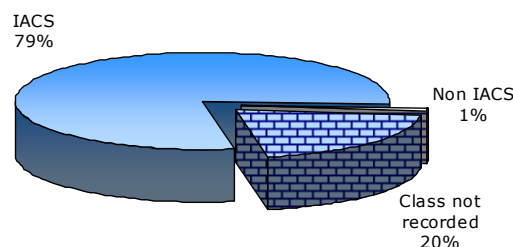
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	15 644	19,7%	218	18,1%	5 239	25,4%	21 101	20,8%
Specialized Cargo Ships	571	0,7%			47	0,2%	618	0,6%
Container Ships	12 087	15,2%	88	7,3%	1 155	5,6%	13 330	13,2%
Ro-Ro Cargo Ships	4 160	5,2%	94	7,8%	461	2,2%	4 715	4,7%
Bulk Carriers	15 129	19,0%	521	43,2%	5 456	26,5%	21 106	20,8%
Oil and Chemical Tankers	17 128	21,5%	64	5,3%	2 966	14,4%	20 158	19,9%
Gas Tankers	2 371	3,0%	1	0,1%	280	1,4%	2 653	2,6%
Other Tankers	362	0,5%	13	1,1%	44	0,2%	420	0,4%
Passenger Ships	5 222	6,6%	176	14,6%	2 596	12,6%	7 994	7,9%
Offshore Vessels	3 309	4,2%	5	0,4%	493	2,4%	3 806	3,8%
Service Ships	3 208	4,0%	22	1,8%	1 738	8,4%	4 968	4,9%
Tugs	340	0,4%	3	0,3%	121	0,6%	464	0,5%
Total	79 530	100%	1 205	100%	20 598	100%	101 333	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Graph 69 - Total number of non targeted flag medium ships, by class – 2006



Graph 70 - Gross tonnage of non targeted flag medium ships, by class – 2006



NON TARGETED FLAGS – LARGE SHIPS

Table 73 - Total number of non targeted flag large⁽¹⁾ ships, by type and class - 2006

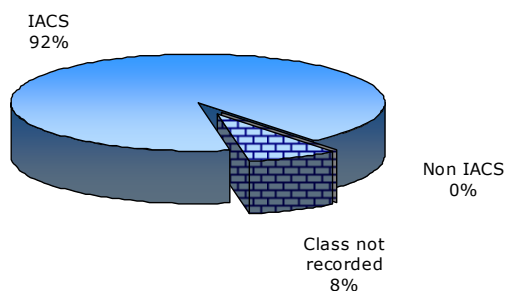
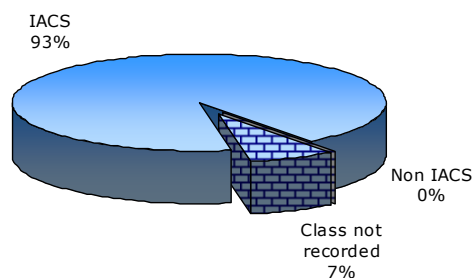
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	169	4,3%			5	1,5%	174	4,1%
Specialized Cargo Ships	10	0,3%					10	0,2%
Container Ships	852	21,8%			62	18,6%	914	21,5%
Ro-Ro Cargo Ships	233	5,9%			19	5,7%	252	5,9%
Bulk Carriers	1 204	30,7%	1	100%	158	47,4%	1 363	32,1%
Oil and Chemical Tankers	1 141	29,1%			64	19,2%	1 205	28,3%
Gas Tankers	105	2,7%			5	1,5%	110	2,6%
Other Tankers	2	0,1%					2	0,0%
Passenger Ships	153	3,9%			4	1,2%	157	3,7%
Offshore Vessels	23	0,6%			8	2,4%	31	0,7%
Service Ships	25	0,6%			8	2,4%	33	0,8%
Tugs								
Total	3 917	100%	1	100%	333	100%	4 251	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2006

Table 74 - Gross tonnage (in 1000 t) of non targeted flag large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 008	3,4%			144	1,2%	5 153	3,2%
Specialized Cargo Ships	337	0,2%					337	0,2%
Container Ships	32 830	22,1%			2 197	18,4%	35 027	21,9%
Ro-Ro Cargo Ships	10 489	7,1%			751	6,3%	11 240	7,0%
Bulk Carriers	41 590	28,1%	31	100%	5 402	45,2%	47 023	29,4%
Oil and Chemical Tankers	46 207	31,2%			2 491	20,9%	48 698	30,4%
Gas Tankers	4 337	2,9%			230	1,9%	4 568	2,9%
Other Tankers	66	0,0%					66	0,0%
Passenger Ships	5 422	3,7%			133	1,1%	5 555	3,5%
Offshore Vessels	983	0,7%			320	2,7%	1 303	0,8%
Service Ships	954	0,6%			272	2,3%	1 225	0,8%
Tugs								
Total	148 224	100%	31	100%	11 940	100%	160 195	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2006

Graph 71 - Total number of non targeted flag large ships, by class – 2006**Graph 72 - Gross tonnage of non targeted flag large ships, by class – 2006**

NON TARGETED FLAGS – VERY LARGE SHIPS

Table 75 - Total number of non targeted flag very large⁽¹⁾ ships, by type and class - 2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	291	17,2%			24	24,2%	315	17,6%
Ro-Ro Cargo Ships	27	1,6%					27	1,5%
Bulk Carriers	357	21,1%			27	27,3%	384	21,4%
Oil and Chemical Tankers	747	44,1%			27	27,3%	774	43,2%
Gas Tankers	131	7,7%			11	11,1%	142	7,9%
Other Tankers								
Passenger Ships	72	4,3%					72	4,0%
Offshore Vessels	60	3,5%			10	10,1%	70	3,9%
Service Ships	7	0,4%					7	0,4%
Tugs								
Total	1 692	100%			99	100%	1 791	100%

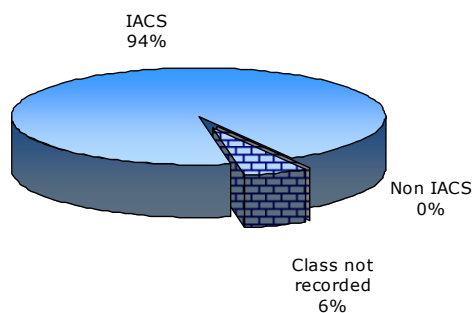
Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2006

Table 76 - Gross tonnage (in 1000 t) of non targeted flag very large⁽¹⁾ ships, by type and class - 2006

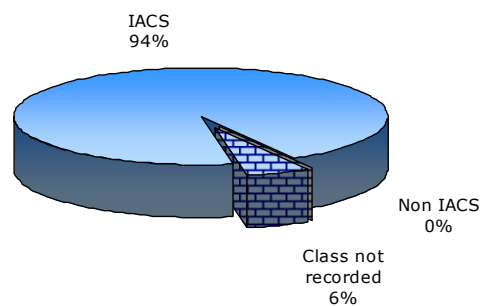
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	22 565	13,7%			2 250	22,8%	24 815	14,3%
Ro-Ro Cargo Ships	1 753	1,1%					1 753	1,0%
Bulk Carriers	30 742	18,7%			2 340	23,8%	33 082	19,0%
Oil and Chemical Tankers	82 420	50,2%			3 115	31,6%	85 535	49,1%
Gas Tankers	13 209	8,0%			1 147	11,6%	14 356	8,2%
Other Tankers								
Passenger Ships	6 405	3,9%					6 405	3,7%
Offshore Vessels	6 643	4,0%			996	10,1%	7 639	4,4%
Service Ships	496	0,3%					496	0,3%
Tugs								
Total	164 232	100%			9 848	100%	174 080	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2006

Graph 73 - Total number of non targeted flag very large ships, by class – 2006



Graph 74 - Gross tonnage of non targeted flag very large ships under non targeted flag, by class – 2006



3.4. SAFETY PERFORMANCE

WORLD FLEET GT≥500

Table 77 - World fleet GT≥500 detention rates^(*), by type and class – 2006

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	4,81%	16,22%	13,02%	7,09%
Specialized Cargo Ships	4,23%	37,50%	17,65%	6,30%
Container Ships	1,78%	11,36%	2,15%	1,86%
Ro-Ro Cargo Ships	2,90%	4,17%	5,93%	3,36%
Bulk Carriers	3,31%	8,63%	5,50%	3,77%
Oil and Chemical Tankers	2,05%	5,77%	3,74%	2,29%
Gas Tankers	1,52%	12,50%	3,65%	1,85%
Other Tankers	2,81%	50,00%	25,00%	4,69%
Passenger Ships	2,11%	5,88%	10,53%	2,64%
Offshore Vessels	3,13%	0,00%	18,18%	3,55%
Service Ships	3,70%	14,29%	15,52%	7,14%
Tugs	5,66%		0,00%	5,36%
Total	3,27%	13,33%	9,04%	4,42%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

MEDIUM SHIPS

Table 78 - Medium⁽¹⁾ ships detention rates^(*), by type and class - 2006

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	4,96%	16,22%	13,07%	7,28%
Specialized Cargo Ships	3,18%	37,50%	18,75%	6,08%
Container Ships	2,49%	11,36%	3,35%	2,70%
Ro-Ro Cargo Ships	4,67%	4,17%	10,12%	5,45%
Bulk Carriers	3,99%	8,55%	6,98%	4,78%
Oil and Chemical Tankers	2,88%	5,77%	4,32%	3,18%
Gas Tankers	1,64%	12,50%	4,39%	2,19%
Other Tankers	2,89%	50,00%	25,00%	4,81%
Passenger Ships	3,33%	5,88%	10,96%	4,13%
Offshore Vessels	3,14%	0,00%	18,18%	3,57%
Service Ships	3,74%	14,29%	15,52%	7,19%
Tugs	5,66%		0,00%	5,36%
Total	4,10%	13,43%	10,48%	5,65%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006 - ^(*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

LARGE SHIPS

Table 79 - Large⁽¹⁾ ships detention rates^(*), by type and class - 2006

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	1,23%		0,00%	1,19%
Specialized Cargo Ships	7,14%		0,00%	7,02%
Container Ships	1,61%		0,60%	1,55%
Ro-Ro Cargo Ships	1,71%		2,91%	1,90%
Bulk Carriers	2,69%	9,68%	3,58%	2,85%
Oil and Chemical Tankers	1,30%		0,73%	1,26%
Gas Tankers	2,73%		0,00%	2,46%
Other Tankers	0,00%			0,00%
Passenger Ships	0,57%		0,00%	0,56%
Offshore Vessels	0,00%			0,00%
Service Ships	0,00%			0,00%
Tugs				
Total	1,99%	9,68%	2,66%	2,08%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006 - (*) Detentions in Paris MoU, Tokyo MoU and USCG divided by total number of inspections

VERY LARGE SHIPS

Table 80 - Very large⁽¹⁾ ships detention rates^(*), by type and class - 2006

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships				
Specialized Cargo Ships				
Container Ships	0,37%		1,33%	0,43%
Ro-Ro Cargo Ships	0,00%		0,00%	0,00%
Bulk Carriers	3,30%	0,00%	3,64%	3,33%
Oil and Chemical Tankers	0,69%		0,00%	0,68%
Gas Tankers	0,00%		0,00%	0,00%
Other Tankers				
Passenger Ships	0,90%			0,90%
Offshore Vessels	0,00%			0,00%
Service Ships	0,00%			0,00%
Tugs				
Total	1,35%	0,00%	2,30%	1,41%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006 - (*) Detentions in Paris MoU, Tokyo 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 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 2006 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 2003, 2004 and 2005. 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 and USCG regions in 2006.

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 88% by tonnage.

Within the large and very large fleet the vast majority (96%) is covered by the International Group. Within the medium fleet just under a half 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. Nearly a quarter (24%) of the IGP&I fleet is under 5 years old and just one sixth (16%) 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 7% 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 4.4% of inspections resulted in detention in 2006. Table 113 shows that ships outside the Group were more likely to be detained in 2006 than

those with inside the Group (10.5% compared with 2.7%). 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 – 2006

Ship Type	IGP&I		Non IGP&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	4 906	18,9%	8 058	43,4%	12 964	29,2%
Specialized Cargo Ships	126	0,5%	83	0,4%	209	0,5%
Container Ships	3 556	13,7%	403	2,2%	3 959	8,9%
Ro-Ro Cargo Ships	1 096	4,2%	458	2,5%	1 554	3,5%
Bulk Carriers	5 452	21,0%	1 352	7,3%	6 804	15,3%
Oil and Chemical Tankers	5 862	22,6%	2 713	14,6%	8 575	19,3%
Gas Tankers	927	3,6%	319	1,7%	1 246	2,8%
Other Tankers	89	0,3%	132	0,7%	221	0,5%
Passenger Ships	1 422	5,5%	1 511	8,1%	2 933	6,6%
Offshore Vessels	1 530	5,9%	1 450	7,8%	2 980	6,7%
Service Ships	592	2,3%	1 646	8,9%	2 238	5,0%
Tugs	345	1,3%	422	2,3%	767	1,7%
Total	25 903	100%	18 547	100%	44 450	100%

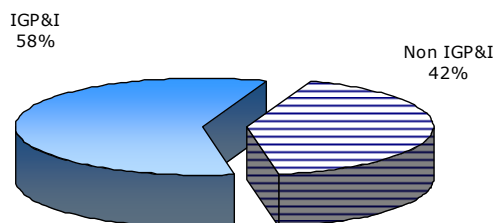
Source: Equasis processed by EMSA

Table 82 - P&I world fleet GT≥500 status : gross tonnage (in 1000 t) of ships, by type - 2006

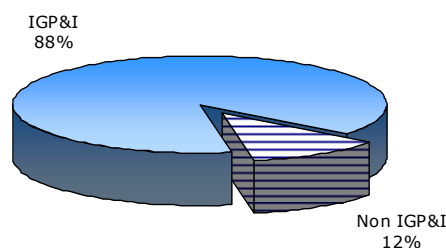
Ship Type	IGP&I		Non IGP&I		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	35 054	5,5%	23 309	27,7%	58 363	8,1%
Specialized Cargo Ships	1 913	0,3%	341	0,4%	2 254	0,3%
Container Ships	107 547	16,9%	5 211	6,2%	112 758	15,6%
Ro-Ro Cargo Ships	32 203	5,0%	3 148	3,7%	35 351	4,9%
Bulk Carriers	187 001	29,3%	19 607	23,3%	206 609	28,6%
Oil and Chemical Tankers	204 472	32,0%	14 276	16,9%	218 748	30,3%
Gas Tankers	29 587	4,6%	1 196	1,4%	30 783	4,3%
Other Tankers	449	0,1%	303	0,4%	753	0,1%
Passenger Ships	23 571	3,7%	5 610	6,7%	29 180	4,0%
Offshore Vessels	12 057	1,9%	5 960	7,1%	18 017	2,5%
Service Ships	3 884	0,6%	4 916	5,8%	8 799	1,2%
Tugs	394	0,1%	379	0,4%	772	0,1%
Total	638 130	100%	84 256	100%	722 386	100%

Source: Equasis processed by EMSA

Graph 75 - Number of ships GT≥500, by P&I status – 2006



Graph 76 - Gross tonnage of ships GT≥500, by P&I status – 2006



MEDIUM SHIPS

Table 83 - P&I status : total number of medium⁽¹⁾ ships, by type - 2006

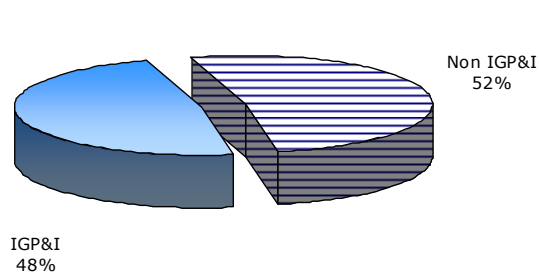
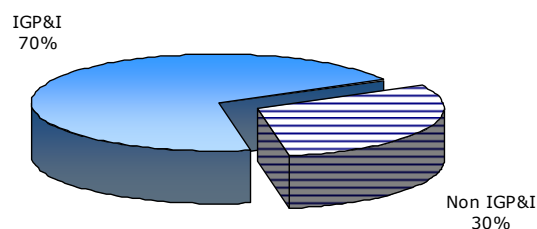
Ship Type	IGP&I		Non IGP&I		Total	
	Number	%	Number	%	Number	%
General Cargo Ships	4 715	28,2%	8 056	44,6%	12 771	36,7%
Specialized Cargo Ships	96	0,6%	80	0,4%	176	0,5%
Container Ships	1 821	10,9%	344	1,9%	2 165	6,2%
Ro-Ro Cargo Ships	536	3,2%	442	2,4%	978	2,8%
Bulk Carriers	2 198	13,1%	1 146	6,3%	3 344	9,6%
Oil and Chemical Tankers	3 265	19,5%	2 606	14,4%	5 871	16,9%
Gas Tankers	574	3,4%	306	1,7%	880	2,5%
Other Tankers	87	0,5%	131	0,7%	218	0,6%
Passenger Ships	1 094	6,5%	1 500	8,3%	2 594	7,5%
Offshore Vessels	1 430	8,6%	1 404	7,8%	2 834	8,1%
Service Ships	564	3,4%	1 632	9,0%	2 196	6,3%
Tugs	345	2,1%	422	2,3%	767	2,2%
Total	16 725	100%	18 069	100%	34 794	100%

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

Table 84 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type - 2006

Ship Type	IGP&I		Non IGP&I		Total	
	GT	%	GT	%	GT	%
General Cargo Ships	29 460	21,1%	23 243	39,0%	52 703	26,5%
Specialized Cargo Ships	882	0,6%	226	0,4%	1 108	0,6%
Container Ships	22 827	16,4%	2 311	3,9%	25 138	12,6%
Ro-Ro Cargo Ships	6 515	4,7%	2 524	4,2%	9 039	4,5%
Bulk Carriers	35 529	25,5%	11 486	19,2%	47 015	23,6%
Oil and Chemical Tankers	27 194	19,5%	7 035	11,8%	34 229	17,2%
Gas Tankers	3 725	2,7%	458	0,8%	4 183	2,1%
Other Tankers	383	0,3%	273	0,5%	656	0,3%
Passenger Ships	6 953	5,0%	5 096	8,5%	12 049	6,0%
Offshore Vessels	3 106	2,2%	2 164	3,6%	5 270	2,6%
Service Ships	2 538	1,8%	4 477	7,5%	7 015	3,5%
Tugs	394	0,3%	379	0,6%	772	0,4%
Total	139 506	100%	59 673	100%	199 179	100%

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

Graph 77 - Number of medium ships, by P&I status – 2006**Graph 78 - Gross tonnage of medium ships, by P&I status – 2006**

LARGE SHIPS

Table 85 - P&I status : total number of large⁽¹⁾ ships, by type - 2006

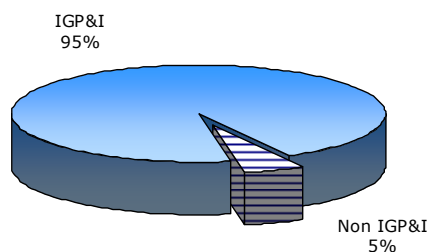
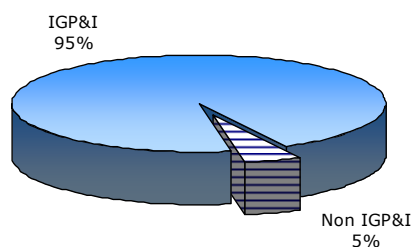
Ship Type	IGP&I		Non IGP&I		Total	
	Number	%	Number	%	Number	%
General Cargo Ships	191	2,9%	2	0,6%	193	2,8%
Specialized Cargo Ships	30	0,5%	3	0,8%	33	0,5%
Container Ships	1 280	19,4%	39	10,7%	1 319	18,9%
Ro-Ro Cargo Ships	512	7,7%	14	3,9%	526	7,5%
Bulk Carriers	2 528	38,2%	185	51,0%	2 713	38,9%
Oil and Chemical Tankers	1 624	24,6%	67	18,5%	1 691	24,2%
Gas Tankers	160	2,4%	10	2,8%	170	2,4%
Other Tankers	2	0,0%	1	0,3%	3	0,0%
Passenger Ships	236	3,6%	8	2,2%	244	3,5%
Offshore Vessels	27	0,4%	20	5,5%	47	0,7%
Service Ships	21	0,3%	14	3,9%	35	0,5%
Tugs						
Total	6 611	100%	363	100%	6 974	100%

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

Table 86 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type - 2006

Ship Type	IGP&I		Non IGP&I		Total	
	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%
General Cargo Ships	5 593	2,3%	66	0,5%	5 660	2,2%
Specialized Cargo Ships	1 030	0,4%	115	0,9%	1 145	0,4%
Container Ships	49 274	19,8%	1 308	10,1%	50 581	19,3%
Ro-Ro Cargo Ships	22 629	9,1%	498	3,8%	23 128	8,8%
Bulk Carriers	88 300	35,5%	6 277	48,5%	94 577	36,2%
Oil and Chemical Tankers	64 453	25,9%	2 775	21,4%	67 229	25,7%
Gas Tankers	6 726	2,7%	419	3,2%	7 145	2,7%
Other Tankers	66	0,0%	30	0,2%	96	0,0%
Passenger Ships	8 387	3,4%	257	2,0%	8 644	3,3%
Offshore Vessels	1 288	0,5%	763	5,9%	2 051	0,8%
Service Ships	850	0,3%	439	3,4%	1 288	0,5%
Tugs						
Total	248 597	100%	12 947	100%	261 544	100%

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

Graph 79 - Number of large ships, by P&I status – 2006**Graph 80 - Gross tonnage of large ships, by P&I status – 2006**

VERY LARGE SHIPS

Table 87 - P&I status : total number of very large⁽¹⁾ ships, by type - 2006

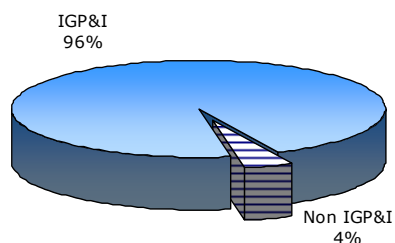
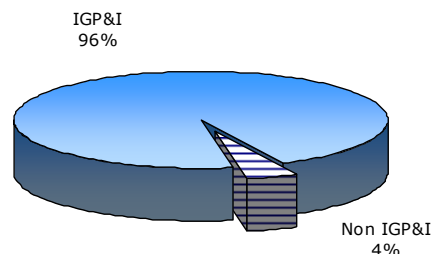
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	455	17,7%	20	17%	475	17,7%
Ro-Ro Cargo Ships	48	1,9%	2	2%	50	1,9%
Bulk Carriers	726	28,3%	21	18%	747	27,9%
Oil and Chemical Tankers	973	37,9%	40	35%	1 013	37,8%
Gas Tankers	193	7,5%	3	3%	196	7,3%
Other Tankers						
Passenger Ships	92	3,6%	3	3%	95	3,5%
Offshore Vessels	73	2,8%	26	23%	99	3,7%
Service Ships	7	0,3%			7	0,3%
Tugs						
Total	2 567	100%	115	100%	2 682	100%

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

Table 88 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type - 2006

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	35 447	14,2%	1 592	13,7%	37 039	14,2%
Ro-Ro Cargo Ships	3 059	1,2%	125	1,1%	3 184	1,2%
Bulk Carriers	63 172	25,3%	1 845	15,9%	65 017	24,8%
Oil and Chemical Tankers	112 824	45,1%	4 466	38,4%	117 290	44,8%
Gas Tankers	19 136	7,7%	319	2,7%	19 455	7,4%
Other Tankers						
Passenger Ships	8 230	3,3%	257	2,2%	8 487	3,2%
Offshore Vessels	7 664	3,1%	3 032	26,1%	10 696	4,1%
Service Ships	496	0,2%			496	0,2%
Tugs						
Total	250 027	100%	11 636	100%	261 663	100%

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

Graph 81 - Number of very large ships, by P&I status – 2006**Graph 82 - Gross tonnage of very large ships, by P&I status – 2006**

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 – 2006

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	698	11,2%	1 610	18,7%	1 697	24,9%	901	21,2%	4 906	18,9%
Specialized Cargo Ships	9	0,1%	23	0,3%	54	0,8%	40	0,9%	126	0,5%
Container Ships	1 175	18,9%	1 581	18,3%	591	8,7%	209	4,9%	3 556	13,7%
Ro-Ro Cargo Ships	184	3,0%	320	3,7%	337	4,9%	255	6,0%	1 096	4,2%
Bulk Carriers	1 219	19,6%	1 909	22,1%	1 560	22,9%	764	18,0%	5 452	21,0%
Oil and Chemical Tankers	1 973	31,8%	1 932	22,4%	1 388	20,4%	569	13,4%	5 862	22,6%
Gas Tankers	214	3,4%	325	3,8%	221	3,2%	167	3,9%	927	3,6%
Other Tankers	13	0,2%	18	0,2%	30	0,4%	28	0,7%	89	0,3%
Passenger Ships	194	3,1%	449	5,2%	290	4,3%	489	11,5%	1 422	5,5%
Offshore Vessels	400	6,4%	267	3,1%	417	6,1%	446	10,5%	1 530	5,9%
Service Ships	54	0,9%	125	1,4%	186	2,7%	227	5,3%	592	2,3%
Tugs	79	1,3%	63	0,7%	48	0,7%	155	3,6%	345	1,3%
Total	6 212	100%	8 622	100%	6 819	100%	4 250	100%	25 903	100%

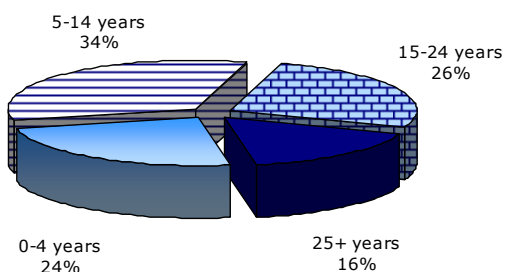
Source: Equasis processed by EMSA

Table 90 - P&I whole fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and age - 2006

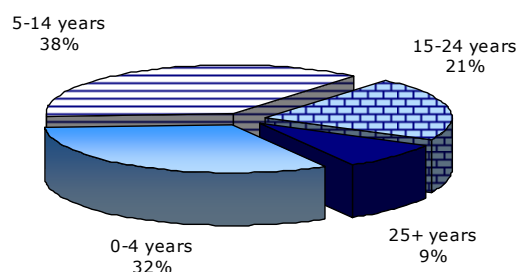
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	5 211	2,5%	11 527	4,9%	11 524	8,4%	6 792	11,7%	35 054	5,5%
Specialized Cargo Ships	125	0,1%	248	0,1%	827	0,6%	712	1,2%	1 913	0,3%
Container Ships	45 984	22,3%	41 948	17,7%	15 099	11,0%	4 515	7,8%	107 547	16,9%
Ro-Ro Cargo Ships	7 958	3,9%	9 727	4,1%	9 073	6,6%	5 445	9,4%	32 203	5,0%
Bulk Carriers	49 058	23,8%	70 778	29,9%	51 612	37,7%	15 553	26,7%	187 001	29,3%
Oil and Chemical Tankers	77 860	37,7%	80 971	34,2%	37 446	27,4%	8 194	14,1%	204 472	32,0%
Gas Tankers	11 664	5,6%	8 527	3,6%	4 142	3,0%	5 254	9,0%	29 587	4,6%
Other Tankers	122	0,1%	106	0,0%	152	0,1%	69	0,1%	449	0,1%
Passenger Ships	6 074	2,9%	9 452	4,0%	4 041	3,0%	4 003	6,9%	23 571	3,7%
Offshore Vessels	1 848	0,9%	2 102	0,9%	1 536	1,1%	6 571	11,3%	12 057	1,9%
Service Ships	556	0,3%	1 220	0,5%	1 229	0,9%	879	1,5%	3 884	0,6%
Tugs	101	0,0%	69	0,0%	66	0,0%	158	0,3%	394	0,1%
Total	206 561	100%	236 675	100%	136 747	100%	58 146	100%	638 130	100%

Source: Equasis processed by EMSA

Graph 83 - IGP&I world fleet GT≥500, by age – 2006



Graph 84 - Gross tonnage of IGP&I world fleet GT≥500, by age – 2006



MEDIUM SHIPS

Table 91 - IGP&I : total number of medium⁽¹⁾ ships, by type and age - 2006

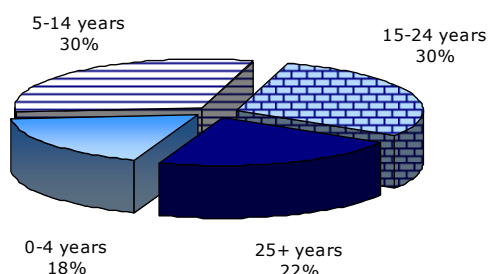
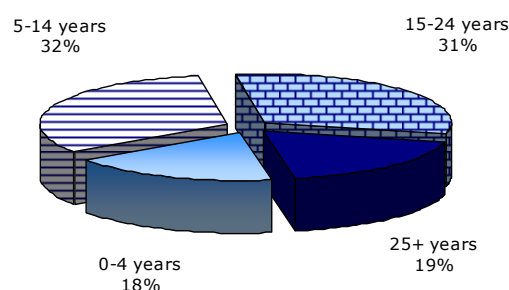
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	676	22,6%	1 532	29,6%	1 642	33,3%	865	23,9%	4 715	28,2%
Specialized Cargo Ships	8	0,3%	21	0,4%	41	0,8%	26	0,7%	96	0,6%
Container Ships	424	14,2%	941	18,2%	326	6,6%	130	3,6%	1 821	10,9%
Ro-Ro Cargo Ships	45	1,5%	163	3,1%	163	3,3%	165	4,6%	536	3,2%
Bulk Carriers	268	9,0%	527	10,2%	812	16,4%	591	16,3%	2 198	13,1%
Oil and Chemical Tankers	846	28,3%	1 022	19,7%	901	18,2%	496	13,7%	3 265	19,5%
Gas Tankers	81	2,7%	231	4,5%	173	3,5%	89	2,5%	574	3,4%
Other Tankers	11	0,4%	18	0,3%	30	0,6%	28	0,8%	87	0,5%
Passenger Ships	110	3,7%	303	5,8%	219	4,4%	462	12,8%	1 094	6,5%
Offshore Vessels	390	13,1%	245	4,7%	406	8,2%	389	10,8%	1 430	8,6%
Service Ships	50	1,7%	118	2,3%	176	3,6%	220	6,1%	564	3,4%
Tugs	79	2,6%	63	1,2%	48	1,0%	155	4,3%	345	2,1%
Total	2 988	100%	5 184	100%	4 937	100%	3 616	100%	16 725	100%

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

Table 92 - IGP&I : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age - 2006

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	4 508	17,8%	9 165	20,4%	9 989	23,1%	5 798	22,3%	29 460	21,1%
Specialized Cargo Ships	95	0,4%	159	0,4%	395	0,9%	233	0,9%	883	0,6%
Container Ships	4 825	19,0%	11 789	26,3%	4 460	10,3%	1 753	6,8%	22 827	16,4%
Ro-Ro Cargo Ships	742	2,9%	1 993	4,4%	1 721	4,0%	2 060	7,9%	6 515	4,7%
Bulk Carriers	4 345	17,1%	8 201	18,3%	14 862	34,3%	8 121	31,3%	35 529	25,5%
Oil and Chemical Tankers	8 192	32,3%	8 429	18,8%	7 653	17,7%	2 921	11,3%	27 195	19,5%
Gas Tankers	646	2,5%	1 445	3,2%	1 199	2,8%	435	1,7%	3 725	2,7%
Other Tankers	56	0,2%	106	0,2%	152	0,4%	69	0,3%	383	0,3%
Passenger Ships	565	2,2%	1 999	4,5%	1 238	2,9%	3 152	12,1%	6 954	5,0%
Offshore Vessels	998	3,9%	679	1,5%	768	1,8%	661	2,5%	3 106	2,2%
Service Ships	300	1,2%	821	1,8%	821	1,9%	596	2,3%	2 539	1,8%
Tugs	101	0,4%	69	0,2%	66	0,2%	158	0,6%	393	0,3%
Total	25 375	100%	44 852	100%	43 324	100%	25 957	100%	139 508	100%

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

Graph 85 - IGP&I medium ships, by age – 2006**Graph 86 - Gross tonnage of IGP&I medium ships, by age – 2006**

LARGE SHIPS

Table 93 - IGP&I : total number of large⁽¹⁾ ships, by type and age - 2006

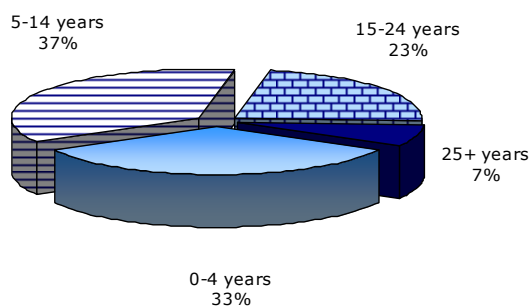
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	22	1,0%	78	3,2%	55	3,6%	36	7,4%	191	2,9%
Specialized Cargo Ships	1	0,0%	2	0,1%	13	0,9%	14	2,9%	30	0,5%
Container Ships	468	21,3%	473	19,6%	260	17,2%	79	16,2%	1 280	19,4%
Ro-Ro Cargo Ships	107	4,9%	144	6,0%	171	11,3%	90	18,5%	512	7,7%
Bulk Carriers	758	34,5%	1 072	44,4%	555	36,6%	143	29,4%	2 528	38,2%
Oil and Chemical Tankers	746	34,0%	489	20,2%	347	22,9%	42	8,6%	1 624	24,6%
Gas Tankers	40	1,8%	44	1,8%	33	2,2%	43	8,8%	160	2,4%
Other Tankers	2	0,1%				0,0%			2	0,0%
Passenger Ships	47	2,1%	99	4,1%	64	4,2%	26	5,3%	236	3,6%
Offshore Vessels	2	0,1%	11	0,5%	7	0,5%	7	1,4%	27	0,4%
Service Ships	1	0,0%	3	0,1%	10	0,7%	7	1,4%	21	0,3%
Tugs										
Total	2 194	100%	2 415	100%	1 515	100%	487	100%	6 611	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000Table 94 - IGP&I : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age - 2006

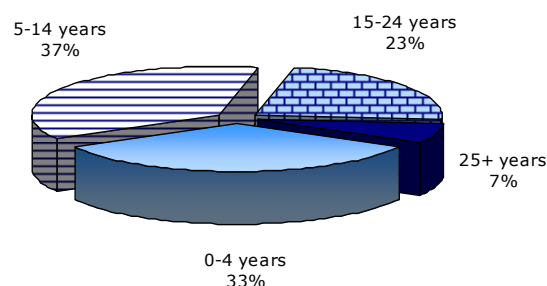
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	703	0,8%	2 362	2,6%	1 535	2,7%	994	5,7%	5 593	2,3%
Specialized Cargo Ships	30	0,0%	90	0,1%	432	0,8%	479	2,7%	1 030	0,4%
Container Ships	17 822	21,5%	18 359	20,2%	10 330	18,0%	2 762	15,8%	49 274	19,8%
Ro-Ro Cargo Ships	5 245	6,3%	6 847	7,5%	7 152	12,5%	3 385	19,3%	22 629	9,1%
Bulk Carriers	27 097	32,7%	36 710	40,4%	19 356	33,7%	5 137	29,3%	88 300	35,5%
Oil and Chemical Tankers	28 337	34,2%	20 375	22,4%	14 091	24,6%	1 651	9,4%	64 453	25,9%
Gas Tankers	1 632	2,0%	1 929	2,1%	1 427	2,5%	1 738	9,9%	6 726	2,7%
Other Tankers	66	0,1%							66	0,0%
Passenger Ships	1 770	2,1%	3 525	3,9%	2 312	4,0%	781	4,5%	8 387	3,4%
Offshore Vessels	84	0,1%	567	0,6%	337	0,6%	300	1,7%	1 288	0,5%
Service Ships	44	0,1%	115	0,1%	408	0,7%	283	1,6%	850	0,3%
Tugs										
Total	82 830	100%	90 878	100%	57 380	100%	17 510	100%	248 597	100%

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

Graph 87 - IGP&I large ships, by age – 2006



Graph 88 - Gross tonnage of IGP&I large ships, by age – 2006



VERY LARGE SHIPS

Table 95 - IGP&I : total number of very large⁽¹⁾ ships, by type and age - 2006

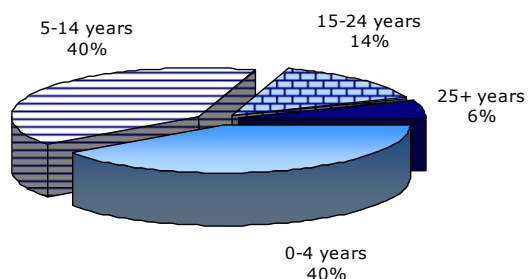
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	283	27,5%	167	16,3%	5	1,4%			455	17,7%
Ro-Ro Cargo Ships	32	3,1%	13	1,3%	3	0,8%			48	1,9%
Bulk Carriers	193	18,7%	310	30,3%	193	52,6%	30	20,4%	726	28,3%
Oil and Chemical Tankers	381	37,0%	421	41,2%	140	38,1%	31	21,1%	973	37,9%
Gas Tankers	93	9,0%	50	4,9%	15	4,1%	35	23,8%	193	7,5%
Other Tankers										
Passenger Ships	37	3,6%	47	4,6%	7	1,9%	1	0,7%	92	3,6%
Offshore Vessels	8	0,8%	11	1,1%	4	1,1%	50	34,0%	73	2,8%
Service Ships	3	0,3%	4	0,4%					7	0,3%
Tugs										
Total	1 030	100%	1 023	100%	367	100%	147	100%	2 567	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000Table 96 - IGP&I : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2006

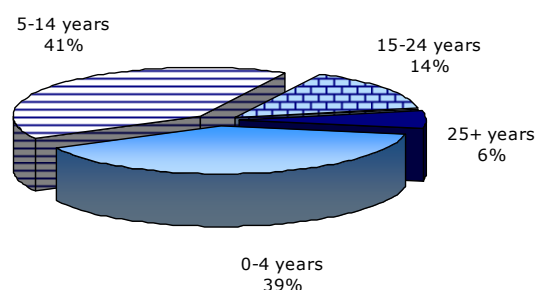
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	23 337	23,7%	11 800	11,7%	310	0,9%			35 447	14,2%
Ro-Ro Cargo Ships	1 971	2,0%	887	0,9%	200	0,6%			3 059	1,2%
Bulk Carriers	17 616	17,9%	25 867	25,6%	17 394	48,3%	2 296	15,6%	63 172	25,3%
Oil and Chemical Tankers	41 332	42,0%	52 168	51,7%	15 703	43,6%	3 621	24,7%	112 824	45,1%
Gas Tankers	9 386	9,5%	5 153	5,1%	1 516	4,2%	3 081	21,0%	19 136	7,7%
Other Tankers										
Passenger Ships	3 739	3,8%	3 929	3,9%	492	1,4%	70	0,5%	8 230	3,3%
Offshore Vessels	765	0,8%	857	0,8%	432	1,2%	5 610	38,2%	7 664	3,1%
Service Ships	211	0,2%	284	0,3%					496	0,2%
Tugs										
Total	98 357	100%	100 945	100%	36 046	100%	14 679	100%	250 027	100%

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

Graph 89 - IGP&I very large ships, by age – 2006



Graph 90 - Gross tonnage of IGP&I very large ships, by age – 2006



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 – 2006

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	425	30,7%	723	31,5%	1 901	44,2%	5 009	47,4%	8 058	43,4%
Specialized Cargo Ships	1	0,1%	2	0,1%	17	0,4%	63	0,6%	83	0,4%
Container Ships	74	5,4%	123	5,4%	74	1,7%	132	1,2%	403	2,2%
Ro-Ro Cargo Ships	38	2,7%	72	3,1%	92	2,1%	256	2,4%	458	2,5%
Bulk Carriers	101	7,3%	147	6,4%	354	8,2%	750	7,1%	1 352	7,3%
Oil and Chemical Tankers	168	12,1%	362	15,8%	557	13,0%	1 626	15,4%	2 713	14,6%
Gas Tankers	23	1,7%	60	2,6%	72	1,7%	164	1,6%	319	1,7%
Other Tankers	3	0,2%	22	1,0%	28	0,7%	79	0,7%	132	0,7%
Passenger Ships	136	9,8%	334	14,6%	336	7,8%	705	6,7%	1 511	8,1%
Offshore Vessels	265	19,2%	171	7,5%	364	8,5%	650	6,1%	1 450	7,8%
Service Ships	115	8,3%	236	10,3%	395	9,2%	900	8,5%	1 646	8,9%
Tugs	34	2,5%	40	1,7%	107	2,5%	241	2,3%	422	2,3%
Total	1 383	100%	2 292	100%	4 297	100%	10 575	100%	18 547	100%

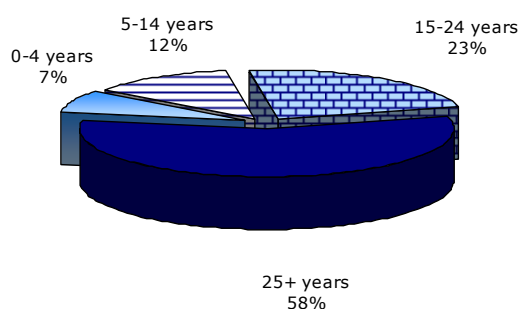
Source: Equasis processed by EMSA

Table 98 - Non IGP&I world fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and age - 2006

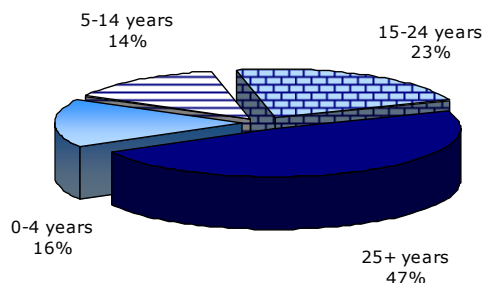
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 187	8,8%	2 068	17,6%	5 755	30,3%	14 299	35,8%	23 309	27,7%
Specialized Cargo Ships	5	0,0%	6	0,0%	132	0,7%	198	0,5%	341	0,4%
Container Ships	1 772	13,1%	1 635	13,9%	818	4,3%	986	2,5%	5 211	6,2%
Ro-Ro Cargo Ships	655	4,8%	501	4,3%	531	2,8%	1 461	3,7%	3 148	3,7%
Bulk Carriers	3 174	23,4%	1 311	11,2%	5 304	27,9%	9 818	24,6%	19 607	23,3%
Oil and Chemical Tankers	2 953	21,8%	2 203	18,7%	3 280	17,3%	5 840	14,6%	14 276	16,9%
Gas Tankers	250	1,8%	195	1,7%	116	0,6%	635	1,6%	1 196	1,4%
Other Tankers	7	0,1%	26	0,2%	39	0,2%	231	0,6%	303	0,4%
Passenger Ships	861	6,3%	1 215	10,3%	1 246	6,6%	2 288	5,7%	5 610	6,7%
Offshore Vessels	2 086	15,4%	1 675	14,2%	590	3,1%	1 609	4,0%	5 960	7,1%
Service Ships	575	4,2%	881	7,5%	1 083	5,7%	2 376	6,0%	4 916	5,8%
Tugs	38	0,3%	43	0,4%	103	0,5%	194	0,5%	379	0,4%
Total	13 564	100%	11 759	100%	18 998	100%	39 935	100%	84 256	100%

Source: Equasis processed by EMSA

Graph 91 - Non IGP&I world fleet GT≥500, by age – 2006



Graph 92 - Gross tonnage of non IGP&I world fleet GT≥500, by age – 2006



MEDIUM SHIPS

Table 99 - Non IGP&I : total number of medium⁽¹⁾ ships, by type and age - 2006

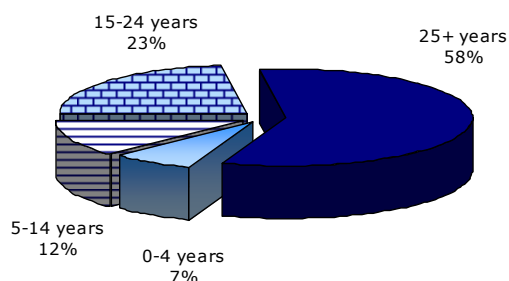
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	425	34,2%	722	32,7%	1 900	45,5%	5 009	48,0%	8 056	44,6%
Specialized Cargo Ships	1	0,1%	2	0,1%	15	0,4%	62	0,6%	80	0,4%
Container Ships	51	4,1%	107	4,8%	66	1,6%	120	1,1%	344	1,9%
Ro-Ro Cargo Ships	30	2,4%	70	3,2%	91	2,2%	251	2,4%	442	2,4%
Bulk Carriers	44	3,5%	129	5,8%	280	6,7%	693	6,6%	1 146	6,3%
Oil and Chemical Tankers	137	11,0%	345	15,6%	526	12,6%	1 598	15,3%	2 606	14,4%
Gas Tankers	21	1,7%	59	2,7%	72	1,7%	154	1,5%	306	1,7%
Other Tankers	3	0,2%	22	1,0%	28	0,7%	78	0,7%	131	0,7%
Passenger Ships	129	10,4%	333	15,1%	335	8,0%	703	6,7%	1 500	8,3%
Offshore Vessels	252	20,3%	149	6,8%	362	8,7%	641	6,1%	1 404	7,8%
Service Ships	114	9,2%	229	10,4%	393	9,4%	896	8,6%	1 632	9,0%
Tugs	34	2,7%	40	1,8%	107	2,6%	241	2,3%	422	2,3%
Total	1 241	100%	2 207	100%	4 175	100%	10 446	100%	18 069	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000Table 100 - Non IGP&I : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age - 2006

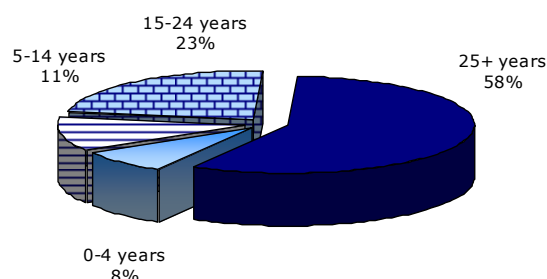
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 187	25,5%	2 032	29,9%	5 725	41,0%	14 299	41,7%	23 243	39,0%
Specialized Cargo Ships	5	0,1%	6	0,1%	56	0,4%	159	0,5%	226	0,4%
Container Ships	529	11,3%	706	10,4%	479	3,4%	597	1,7%	2 311	3,9%
Ro-Ro Cargo Ships	303	6,5%	417	6,1%	501	3,6%	1 304	3,8%	2 524	4,2%
Bulk Carriers	386	8,3%	648	9,5%	2 647	18,9%	7 806	22,8%	11 486	19,2%
Oil and Chemical Tankers	582	12,5%	715	10,5%	1 552	11,1%	4 185	12,2%	7 035	11,8%
Gas Tankers	34	0,7%	91	1,3%	116	0,8%	217	0,6%	458	0,8%
Other Tankers	7	0,2%	26	0,4%	39	0,3%	201	0,6%	273	0,5%
Passenger Ships	534	11,4%	1 139	16,8%	1 214	8,7%	2 210	6,5%	5 096	8,5%
Offshore Vessels	526	11,3%	300	4,4%	519	3,7%	819	2,4%	2 164	3,6%
Service Ships	531	11,4%	670	9,9%	1 017	7,3%	2 259	6,6%	4 477	7,5%
Tugs	38	0,8%	43	0,6%	103	0,7%	194	0,6%	379	0,6%
Total	4 662	100%	6 793	100%	13 968	100%	34 250	100%	59 673	100%

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

Graph 93 - Non IGP&I medium ships, by age - 2006



Graph 94 - Gross tonnage of non IGP&I medium ships, by age - 2006



LARGE SHIPS

Table 101 - Non IGP&I : total number of large⁽¹⁾ ships, by type and age - 2006

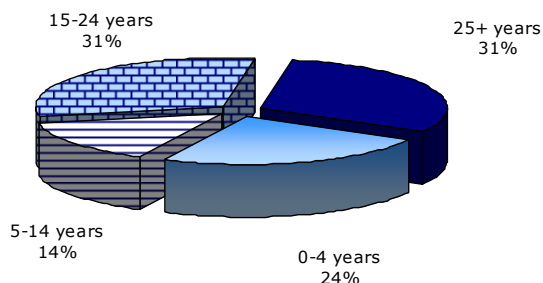
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			1	1,9%	1	0,9%			2	0,6%
Specialized Cargo Ships					2	1,8%	1	0,9%	3	0,8%
Container Ships	13	14,9%	6	11,5%	8	7,1%	12	10,8%	39	10,7%
Ro-Ro Cargo Ships	6	6,9%	2	3,8%	1	0,9%	5	4,5%	14	3,9%
Bulk Carriers	44	50,6%	17	32,7%	70	61,9%	54	48,6%	185	51,0%
Oil and Chemical Tankers	15	17,2%	7	13,5%	26	23,0%	19	17,1%	67	18,5%
Gas Tankers							10	9,0%	10	2,8%
Other Tankers							1	0,9%	1	0,3%
Passenger Ships	5	5,7%			1	0,9%	2	1,8%	8	2,2%
Offshore Vessels	3	3,4%	12	23,1%	2	1,8%	3	2,7%	20	5,5%
Service Ships	1	1,1%	7	13,5%	2	1,8%	4	3,6%	14	3,9%
Tugs										
Total	87	100%	52	100%	113	100%	111	100%	363	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000Table 102 - Non IGP&I : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age - 2006

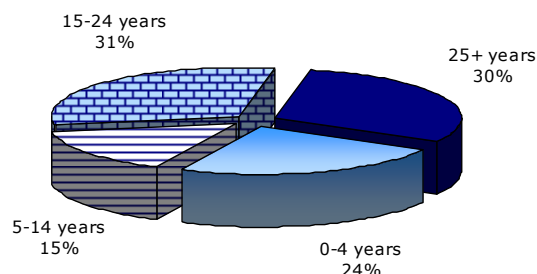
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			36	1,9%	30	0,7%			66	0,5%
Specialized Cargo Ships					76	1,9%	39	1,0%	115	0,9%
Container Ships	390	12,8%	190	9,8%	339	8,4%	389	9,9%	1 308	10,1%
Ro-Ro Cargo Ships	227	7,4%	83	4,3%	31	0,8%	157	4,0%	498	3,8%
Bulk Carriers	1 596	52,4%	572	29,5%	2 306	57,1%	1 803	46,0%	6 277	48,5%
Oil and Chemical Tankers	553	18,2%	338	17,4%	1 088	26,9%	796	20,3%	2 775	21,4%
Gas Tankers							419	10,7%	419	3,2%
Other Tankers							30	0,8%	30	0,2%
Passenger Ships	147	4,8%			32	0,8%	78	2,0%	257	2,0%
Offshore Vessels	89	2,9%	508	26,2%	71	1,8%	94	2,4%	763	5,9%
Service Ships	44	1,5%	211	10,9%	66	1,6%	117	3,0%	439	3,4%
Tugs										
Total	3 047	100%	1 940	100%	4 039	100%	3 921	100%	12 947	100%

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

Graph 95 - Non IGP&I large ships, by age - 2006



Graph 96 - Gross tonnage of non IGP&I large ships, by age - 2006



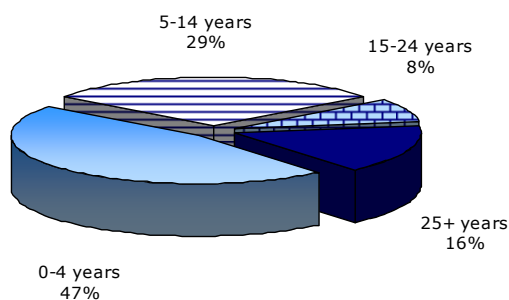
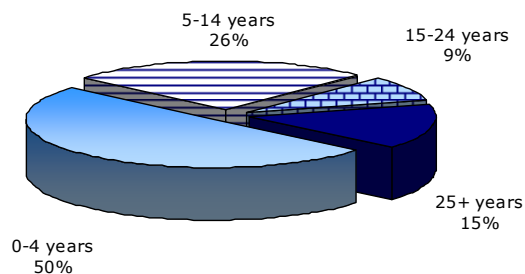
VERY LARGE SHIPS

Table 103 - Non IGP&I : total number of very large⁽¹⁾ ships, by type and age - 2006

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	10	18,2%	10	30,3%					20	17,4%
Ro-Ro Cargo Ships	2	3,6%							2	1,7%
Bulk Carriers	13	23,6%	1	3,0%	4	44,4%	3	16,7%	21	18,3%
Oil and Chemical Tankers	16	29,1%	10	30,3%	5	55,6%	9	50,0%	40	34,8%
Gas Tankers	2	3,6%	1	3,0%					3	2,6%
Other Tankers										
Passenger Ships	2	3,6%	1	3,0%					3	2,6%
Offshore Vessels	10	18,2%	10	30,3%			6	33,3%	26	22,6%
Service Ships										
Tugs										
Total	55	100%	33	100%	9	100%	18	100%	115	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000**Table 104 - Non IGP&I : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2006**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	853	14,6%	739	24,4%					1 592	13,7%
Ro-Ro Cargo Ships	125	2,1%							125	1,1%
Bulk Carriers	1 192	20,4%	91	3,0%	352	35,5%	210	11,9%	1 845	15,9%
Oil and Chemical Tankers	1 818	31,1%	1 150	38,0%	639	64,5%	859	48,7%	4 466	38,4%
Gas Tankers	216	3,7%	104	3,4%					319	2,7%
Other Tankers										
Passenger Ships	180	3,1%	77	2,5%					257	2,2%
Offshore Vessels	1 470	25,1%	866	28,6%			696	39,4%	3 032	26,1%
Service Ships										
Tugs										
Total	5 854	100%	3 027	100%	991	100%	1 765	100%	11 636	100%

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000**Graph 97 - Non IGP&I very large ships, by age - 2006****Graph 98 - Gross tonnage of non IGP&I very large ships, by age - 2006**

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- 2006

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	2 703	24,1%	5 722	56,3%	8 425	2 203	15,0%	2 336	27,8%	4 539
Specialized Cargo Ships	52	0,5%	59	0,6%	111	74	0,5%	24	0,3%	98
Container Ships	1 428	12,7%	203	2,0%	1 631	2 128	14,5%	200	2,4%	2 328
Ro-Ro Cargo Ships	538	4,8%	256	2,5%	794	558	3,8%	202	2,4%	760
Bulk Carriers	2 824	25,2%	712	7,0%	3 536	2 628	17,9%	640	7,6%	3 268
Oil and Chemical Tankers	2 088	18,6%	1 355	13,3%	3 443	3 774	25,7%	1 358	16,2%	5 132
Gas Tankers	370	3,3%	88	0,9%	458	557	3,8%	231	2,8%	788
Other Tankers	36	0,3%	73	0,7%	109	53	0,4%	59	0,7%	112
Passenger Ships	430	3,8%	518	5,1%	948	992	6,8%	993	11,8%	1 985
Offshore Vessels	498	4,4%	427	4,2%	925	1 032	7,0%	1 023	12,2%	2 055
Service Ships	155	1,4%	572	5,6%	727	437	3,0%	1 074	12,8%	1 511
Tugs	91	0,8%	172	1,7%	263	254	1,7%	250	3,0%	504
Total	11 213	100%	10 157	100%	21 370	14 690	100%	8 390	100%	23 080

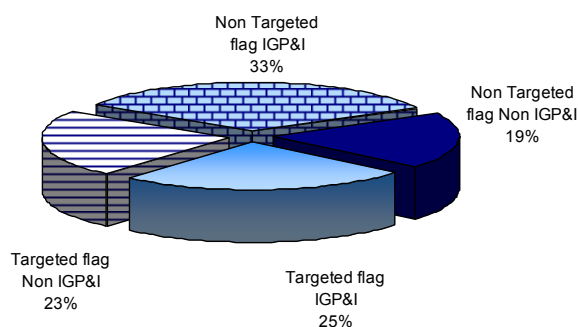
Source: Equasis processed by EMSA

Table 106 - P&I world fleet GT≥500 status : gross tonnage (in 1000 t) of ships, by type and flag - 2006

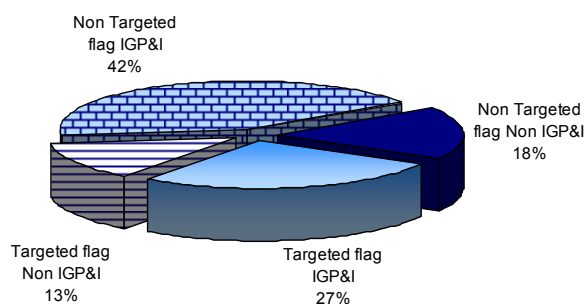
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	15 988	8,2%	16 121	17,6%	32 109	19 065	6,2%	7 188	5,6%	26 254
Specialized Cargo Ships	1 102	0,6%	197	0,2%	1 299	811	0,3%	144	0,1%	955
Container Ships	31 357	16,1%	8 229	9,0%	39 587	60 901	19,8%	12 271	9,6%	73 172
Ro-Ro Cargo Ships	15 447	7,9%	2 196	2,4%	17 643	15 294	5,0%	2 414	1,9%	17 708
Bulk Carriers	74 355	38,1%	31 043	33,9%	105 398	73 743	24,0%	27 468	21,5%	101 211
Oil and Chemical Tankers	41 500	21,2%	22 856	25,0%	64 356	105 051	34,1%	49 341	38,6%	154 392
Gas Tankers	7 886	4,0%	1 321	1,4%	9 207	15 090	4,9%	6 485	5,1%	21 576
Other Tankers	92	0,0%	175	0,2%	267	358	0,1%	128	0,1%	486
Passenger Ships	5 390	2,8%	3 836	4,2%	9 226	11 384	3,7%	8 570	6,7%	19 954
Offshore Vessels	1 487	0,8%	3 782	4,1%	5 269	3 002	1,0%	9 747	7,6%	12 748
Service Ships	613	0,3%	1 497	1,6%	2 110	2 775	0,9%	3 914	3,1%	6 689
Tugs	120	0,1%	188	0,2%	308	273	0,1%	191	0,1%	464
Total	195 337	100%	91 441	100%	286 778	307 747	100%	127 861	100%	435 608

Source: Equasis processed by EMSA

Graph 99 - Total number of ships GT≥500, by P&I status and flag - 2006



Graph 100 - Gross tonnage of ships GT≥500, by P&I status and flag - 2006



MEDIUM SHIPS

Table 107 - P&I status : total number of medium⁽¹⁾ ships, by type and flag- 2006

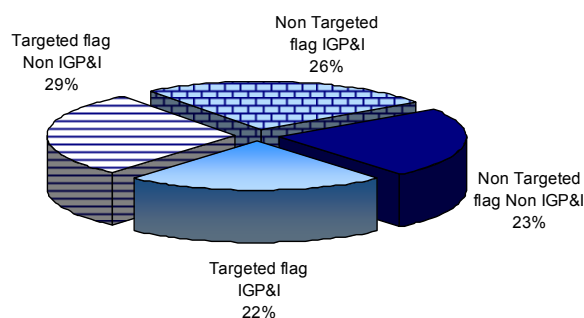
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	2 703	24,1%	5 722	56,3%	8 425	2 203	15,0%	2 336	27,8%	4 539
Specialized Cargo Ships	52	0,5%	59	0,6%	111	74	0,5%	24	0,3%	98
Container Ships	1 428	12,7%	203	2,0%	1 631	2 128	14,5%	200	2,4%	2 328
Ro-Ro Cargo Ships	538	4,8%	256	2,5%	794	558	3,8%	202	2,4%	760
Bulk Carriers	2 824	25,2%	712	7,0%	3 536	2 628	17,9%	640	7,6%	3 268
Oil and Chemical Tankers	2 088	18,6%	1 355	13,3%	3 443	3 774	25,7%	1 358	16,2%	5 132
Gas Tankers	370	3,3%	88	0,9%	458	557	3,8%	231	2,8%	788
Other Tankers	36	0,3%	73	0,7%	109	53	0,4%	59	0,7%	112
Passenger Ships	430	3,8%	518	5,1%	948	992	6,8%	993	11,8%	1 985
Offshore Vessels	498	4,4%	427	4,2%	925	1 032	7,0%	1 023	12,2%	2 055
Service Ships	155	1,4%	572	5,6%	727	437	3,0%	1 074	12,8%	1 511
Tugs	91	0,8%	172	1,7%	263	254	1,7%	250	3,0%	504
Total	11 213	100%	10 157	100%	21 370	14 690	100%	8 390	100%	23 080

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000Table 108 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag- 2006

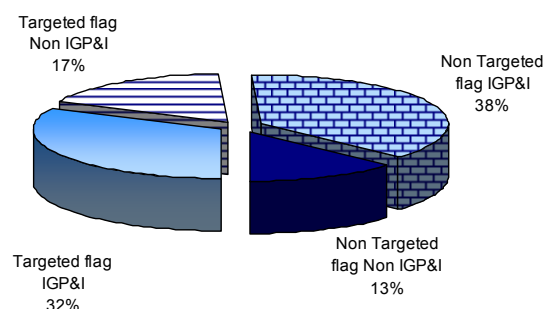
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	15 481	24,0%	16 121	48,2%	31 602	13 979	18,6%	7 122	27,1%	21 101
Specialized Cargo Ships	332	0,5%	158	0,5%	491	550	0,7%	67	0,3%	618
Container Ships	10 524	16,3%	1 284	3,8%	11 808	12 303	16,4%	1 027	3,9%	13 330
Ro-Ro Cargo Ships	2 905	4,5%	1 420	4,2%	4 324	3 611	4,8%	1 104	4,2%	4 715
Bulk Carriers	19 460	30,2%	6 449	19,3%	25 908	16 069	21,4%	5 037	19,2%	21 106
Oil and Chemical Tankers	10 497	16,3%	3 574	10,7%	14 071	16 697	22,2%	3 461	13,2%	20 158
Gas Tankers	1 381	2,1%	150	0,4%	1 531	2 344	3,1%	308	1,2%	2 653
Other Tankers	92	0,1%	145	0,4%	236	292	0,4%	128	0,5%	420
Passenger Ships	2 255	3,5%	1 800	5,4%	4 055	4 698	6,3%	3 296	12,6%	7 994
Offshore Vessels	807	1,3%	657	2,0%	1 464	2 299	3,1%	1 507	5,7%	3 806
Service Ships	580	0,9%	1 468	4,4%	2 048	1 958	2,6%	3 009	11,5%	4 968
Tugs	120	0,2%	188	0,6%	308	273	0,4%	191	0,7%	464
Total	64 433	100%	33 413	100%	97 846	75 073	100%	26 260	100%	101 333

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

Graph 101 - Total number of medium ships, by P&I status and flag- 2006



Graph 102 - Gross tonnage of medium ships, by P&I status and flag - 2006



LARGE SHIPS

Table 109 - P&I status : total number of large⁽¹⁾ ships, by type and flag- 2006

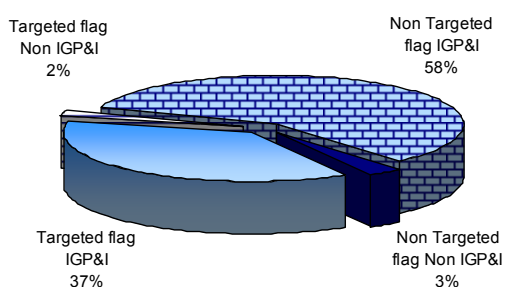
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	19	0,7%			19	172	4,3%	2	0,9%	174
Specialized Cargo Ships	22	0,9%	1	0,7%	23	8	0,2%	2	0,9%	10
Container Ships	397	15,4%	8	5,4%	405	883	21,9%	31	14,4%	914
Ro-Ro Cargo Ships	267	10,4%	7	4,7%	274	245	6,1%	7	3,3%	252
Bulk Carriers	1 257	48,8%	93	62,8%	1 350	1 271	31,5%	92	42,8%	1 363
Oil and Chemical Tankers	460	17,9%	26	17,6%	486	1 164	28,8%	41	19,1%	1 205
Gas Tankers	57	2,2%	3	2,0%	60	103	2,6%	7	3,3%	110
Other Tankers			1	0,7%	1	2	0,0%			2
Passenger Ships	83	3,2%	4	2,7%	87	153	3,8%	4	1,9%	157
Offshore Vessels	12	0,5%	4	2,7%	16	15	0,4%	16	7,4%	31
Service Ships	1	0,0%	1	0,7%	2	20	0,5%	13	6,0%	33
Tugs										
Total	2 575	100%	148	100%	2 723	4 036	100%	215	100%	4 251

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000Table 110 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag- 2006

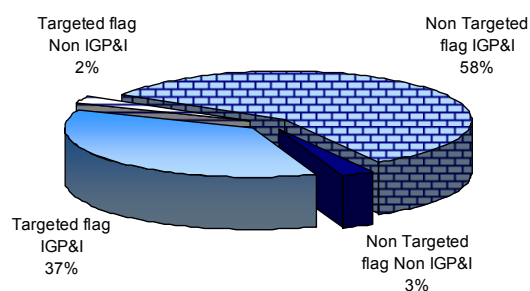
Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	507	0,5%	0	0,0%	507	5 086	3,3%	66	0,9%	5 153
Specialized Cargo Ships	770	0,8%	38	0,7%	808	260	0,2%	77	1,0%	337
Container Ships	15 305	15,9%	250	4,6%	15 554	33 969	22,3%	1 058	14,0%	35 027
Ro-Ro Cargo Ships	11 598	12,1%	289	5,4%	11 887	11 031	7,2%	209	2,8%	11 240
Bulk Carriers	44 341	46,2%	3 213	59,7%	47 555	43 959	28,8%	3 064	40,5%	47 023
Oil and Chemical Tankers	17 436	18,2%	1 095	20,3%	18 530	47 018	30,8%	1 681	22,2%	48 698
Gas Tankers	2 424	2,5%	153	2,9%	2 577	4 302	2,8%	265	3,5%	4 568
Other Tankers			30	0,6%	30	66	0,0%			66
Passenger Ships	2 968	3,1%	122	2,3%	3 089	5 420	3,6%	135	1,8%	5 555
Offshore Vessels	585	0,6%	163	3,0%	747	703	0,5%	600	7,9%	1 303
Service Ships	33	0,0%	30	0,6%	63	816	0,5%	409	5,4%	1 225
Tugs										
Total	95 967	100%	5 382	100%	101 349	152 631	100%	7 564	100%	160 195

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

Graph 103 - Total number of large ships, by P&I status and flag- 2006



Graph 104 - Gross tonnage of large ships, by P&I status and flag - 2006



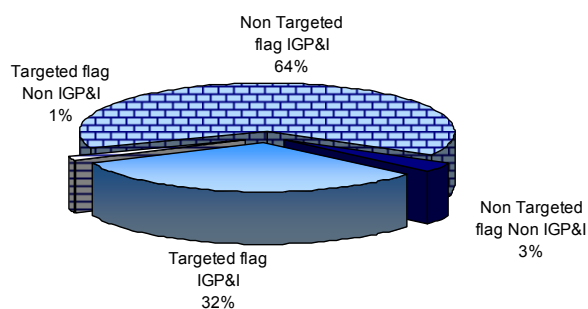
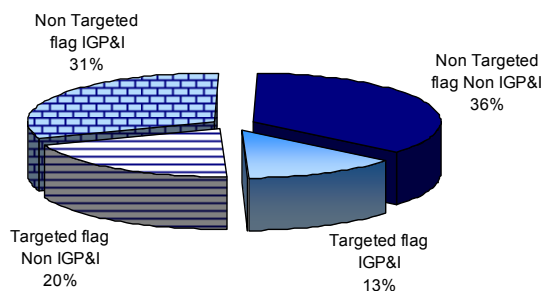
VERY LARGE SHIPS

Table 111 - P&I status : total number of very large⁽¹⁾ ships, by type and flag- 2006

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										
Container Ships	156	18,2%	4	11,4%	160	299	17,5%	16	20,0%	315
Ro-Ro Cargo Ships	21	2,5%	2	5,7%	23	27	1,6%			27
Bulk Carriers	351	41,0%	12	34,3%	363	375	21,9%	9	11,3%	384
Oil and Chemical Tankers	228	26,6%	11	31,4%	239	745	43,5%	29	36,3%	774
Gas Tankers	53	6,2%	1	2,9%	54	140	8,2%	2	2,5%	142
Other Tankers										
Passenger Ships	23	2,7%			23	69	4,0%	3	3,8%	72
Offshore Vessels	24	2,8%	5	14,3%	29	49	2,9%	21	26,3%	70
Service Ships						7	0,4%	0	0,0%	7
Tugs										
Total	856	100%	35	100%	891	1 711	100%	80	100%	1 791

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000**Table 112 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag- 2006**

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										
Container Ships	5 528	15,8%	6 696	12,7%	12 224	14 629	18,3%	10 186	10,8%	24 815
Ro-Ro Cargo Ships	944	2,7%	487	0,9%	1 431	653	0,8%	1 100	1,2%	1 753
Bulk Carriers	10 554	30,2%	21 381	40,6%	31 935	13 715	17,1%	19 367	20,6%	33 082
Oil and Chemical Tankers	13 567	38,8%	18 188	34,5%	31 755	41 337	51,6%	44 198	47,0%	85 535
Gas Tankers	4 082	11,7%	1 017	1,9%	5 099	8 444	10,5%	5 912	6,3%	14 356
Other Tankers										
Passenger Ships	168	0,5%	1 914	3,6%	2 082	1 267	1,6%	5 138	5,5%	6 405
Offshore Vessels	95	0,3%	2 962	5,6%	3 057			7 639	8,1%	7 639
Service Ships								496	0,5%	496
Tugs										
Total	34 937	100%	52 646	100%	87 583	80 044	100%	94 037	100%	174 080

Source: Equasis processed by EMSA - ⁽¹⁾ GT≥60.000**Graph 105 - Total number of very large ships, by P&I status and flag- 2006****Graph 106 - Gross tonnage of very large ships, by P&I status and flag - 2006**

4.5. SAFETY PERFORMANCE

WHOLE FLEET GT≥500

Table 113 - Whole fleet GT≥500 detention rate^(*), by type and P&I status – 2006

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3,87%	11,05%	7,09%
Specialized Cargo Ships	4,93%	14,29%	6,30%
Container Ships	1,78%	3,00%	1,86%
Ro-Ro Cargo Ships	2,48%	10,71%	3,36%
Bulk Carriers	3,05%	10,39%	3,77%
Oil and Chemical Tankers	1,75%	9,22%	2,29%
Gas Tankers	1,23%	9,88%	1,85%
Other Tankers	1,64%	10,00%	4,69%
Passenger Ships	1,84%	9,85%	2,64%
Offshore Vessels	3,16%	4,94%	3,55%
Service Ships	4,29%	10,00%	7,14%
Tugs	0,00%	17,65%	5,36%
Total	2,71%	10,49%	4,42%

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

Table 114 - Medium⁽¹⁾ ships detention rates^(*), by type and P&I status – 2006

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	4,03%	11,06%	7,28%
Specialized Cargo Ships	4,11%	14,29%	6,08%
Container Ships	2,60%	3,43%	2,70%
Ro-Ro Cargo Ships	3,70%	11,41%	5,45%
Bulk Carriers	3,44%	11,30%	4,78%
Oil and Chemical Tankers	2,38%	9,71%	3,18%
Gas Tankers	1,21%	11,11%	2,19%
Other Tankers	1,69%	10,14%	4,81%
Passenger Ships	3,01%	10,08%	4,13%
Offshore Vessels	3,18%	4,94%	3,57%
Service Ships	4,33%	10,05%	7,19%
Tugs	0,00%	17,65%	5,36%
Total	3,33%	10,74%	5,65%

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

Table 115 - Large⁽¹⁾ ships detention rates^(*), by type and P&I status - 2006

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	1,21%	0,00%	1,19%
Specialized Cargo Ships	7,02%		7,02%
Container Ships	1,52%	2,67%	1,55%
Ro-Ro Cargo Ships	1,92%	0,00%	1,90%
Bulk Carriers	2,64%	7,32%	2,85%
Oil and Chemical Tankers	1,12%	8,89%	1,26%
Gas Tankers	2,55%	0,00%	2,46%
Other Tankers	0,00%	0,00%	0,00%
Passenger Ships	0,57%	0,00%	0,56%
Offshore Vessels	0,00%		0,00%
Service Ships	0,00%	0,00%	0,00%
Tugs			
Total	1,96%	6,03%	2,08%

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

Table 116 - Very large⁽¹⁾ ships detention rates^(*), by type and P&I status - 2006

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships			
Specialized Cargo Ships			
Container Ships	0,45%	0,00%	0,43%
Ro-Ro Cargo Ships	0,00%	0,00%	0,00%
Bulk Carriers	3,31%	4,17%	3,33%
Oil and Chemical Tankers	0,70%	0,00%	0,68%
Gas Tankers	0,00%	0,00%	0,00%
Other Tankers			
Passenger Ships	0,47%	12,50%	0,90%
Offshore Vessels	0,00%		0,00%
Service Ships	0,00%		0,00%
Tugs			
Total	1,39%	1,92%	1,41%

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

Chapter 5

5. Port State Control

INTRODUCTION

Port State control authorities check the compliance with international conventions of foreign ships visiting their ports. Equasis includes inspection data provided by three of the regional port state control regimes, Paris MoU, Tokyo MoU and U.S. Coastguard (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 three regional port state control regimes which contributed to Equasis for the period 2001 to 2006.

SHIPS WITHOUT INSPECTION RECORD

Ships are subject to port State control inspections in most parts of the world but Equasis receives data only from three PSC regimes. Some ships do not trade to these three 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 on 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 three PSC regimes IN THE LAST 3 YEARS (2004 to 2006). 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 44450 ships in the Equasis fleet over 500GT 60% (26654) were inspected at least once in the period 2004-2006 and over 82% by tonnage. Table 119 shows that the number of individual ships inspected has risen steadily in the period 2001 to 2006.

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 twice in a year dropped in 2006 after steadily rising over the previous five years.

Regionally Table 120 and Graph 110 indicate that in 2006 there was a greater tendency towards multiple inspection of ships in the Tokyo MoU region than in the USCG region, with the Paris MoU region somewhere in between.

A comparison of Tables 119 and 121 shows that of the 23849 individual ships inspected in at least one of the regions, 1481 (6.2%) were inspected at least once in all three regions during 2006. 8439 (35.4%) were inspected in two regions. The remaining 58.4% of the ships was 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 34794 medium-sized ships 16691 (48%) have no record in 2006. Graph 132 indicates that for these ships the rate of those with no record was lower for targeted flag ships than for non-targeted flags (20% compared with 28%). For large and very large ships the proportion of ships without an inspection record falls to 10% and 15% respectively – the rates are similar for both targeted and non-targeted flagged ships.

By age, just over half (51%) of ships without a record were over 25 years old (Graph 114). Similarly by class, a half has no class recorded, while just 8% of ships with no record were recorded as classed by non-IACS members (Graph 122).

5.1. INSPECTION FREQUENCY

INSPECTIONS RECORDS IN EQUASIS

Table 117 - Total number of inspected ships GT≥500 recorded in Equasis, by type – 2004/2006

Ship type	Inspected		No record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	8 499	31,9%	4 465	25,1%	12 964	29,2%
Specialized Cargo Ships	139	0,5%	70	0,4%	209	0,5%
Container Ships	3 483	13,1%	476	2,7%	3 959	8,9%
Ro-Ro Cargo Ships	1 158	4,3%	396	2,2%	1 554	3,5%
Bulk Carriers	5 763	21,6%	1 041	5,8%	6 804	15,3%
Oil and Chemical Tankers	4 899	18,4%	3 676	20,7%	8 575	19,3%
Gas Tankers	787	3,0%	459	2,6%	1 246	2,8%
Other Tankers	108	0,4%	113	0,6%	221	0,5%
Passenger Ships	772	2,9%	2 161	12,1%	2 933	6,6%
Offshore Vessels	547	2,1%	2 433	13,7%	2 980	6,7%
Service Ships	375	1,4%	1 863	10,5%	2 238	5,0%
Tugs	124	0,5%	643	3,6%	767	1,7%
Total	26 654	100%	17 796	100%	44 450	100%

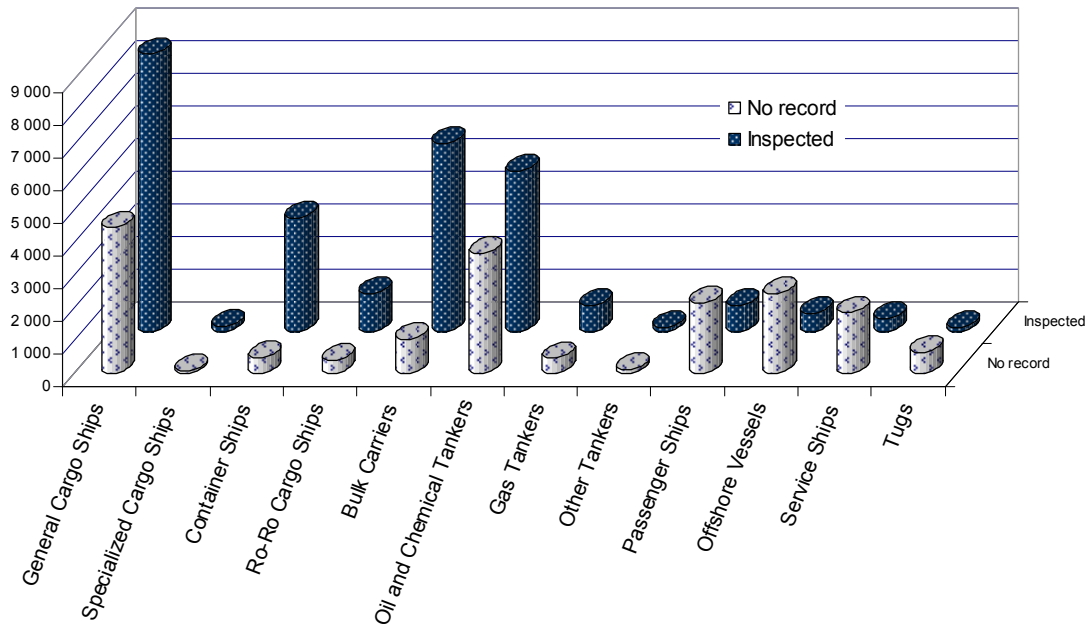
Source: Equasis processed by EMSA – Paris MoU, Tokyo MoU, US Coast guard

Table 118 - Gross tonnage (in 1000 t) of inspected ships GT≥500 recorded in Equasis, by type – 2004/2006

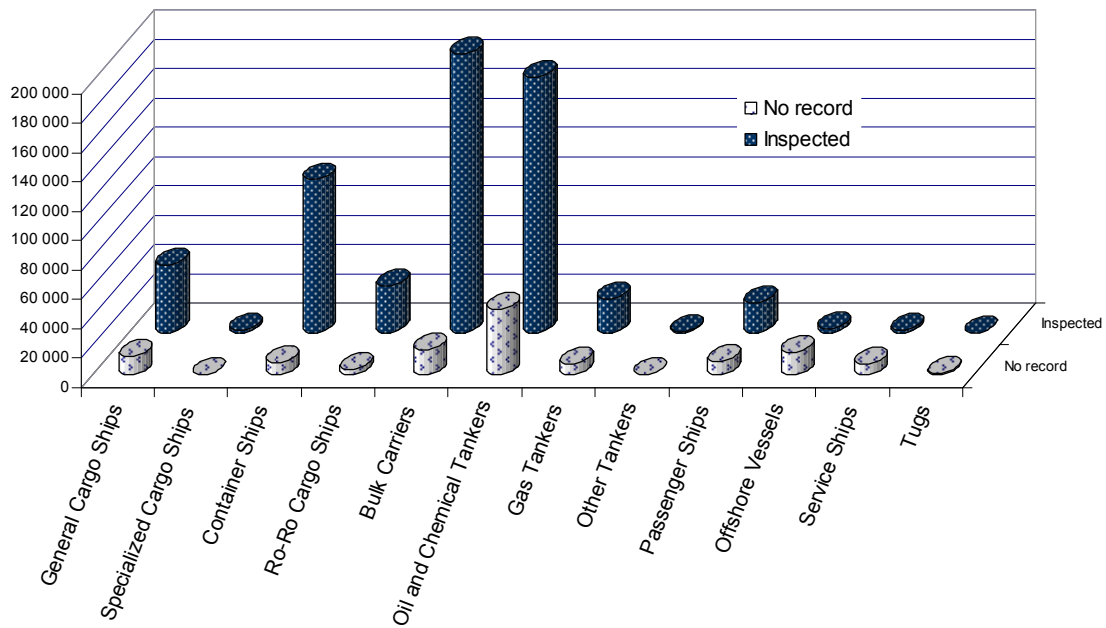
Ship type	Inspected		No record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	46 137	7,7%	12 226	9,7%	58 363	8,1%
Specialized Cargo Ships	1 970	0,3%	283	0,2%	2 254	0,3%
Container Ships	104 263	17,5%	8 495	6,7%	112 758	15,6%
Ro-Ro Cargo Ships	31 735	5,3%	3 615	2,9%	35 351	4,9%
Bulk Carriers	189 674	31,8%	16 935	13,5%	206 609	28,6%
Oil and Chemical Tankers	174 285	29,2%	44 463	35,3%	218 748	30,3%
Gas Tankers	23 129	3,9%	7 654	6,1%	30 783	4,3%
Other Tankers	531	0,1%	222	0,2%	753	0,1%
Passenger Ships	20 353	3,4%	8 828	7,0%	29 180	4,0%
Offshore Vessels	2 563	0,4%	15 454	12,3%	18 017	2,5%
Service Ships	1 725	0,3%	7 075	5,6%	8 799	1,2%
Tugs	162	0,0%	611	0,5%	772	0,1%
Total	596 525	100%	125 861	100%	722 386	100%

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

Graph 107 - Total number of inspected ships GT≥500 recorded in Equasis, by type – 2004/2006



Graph 108 - Gross tonnage (in 1000 t) of inspected ships GT≥500 recorded in Equasis, by type – 2004/2006

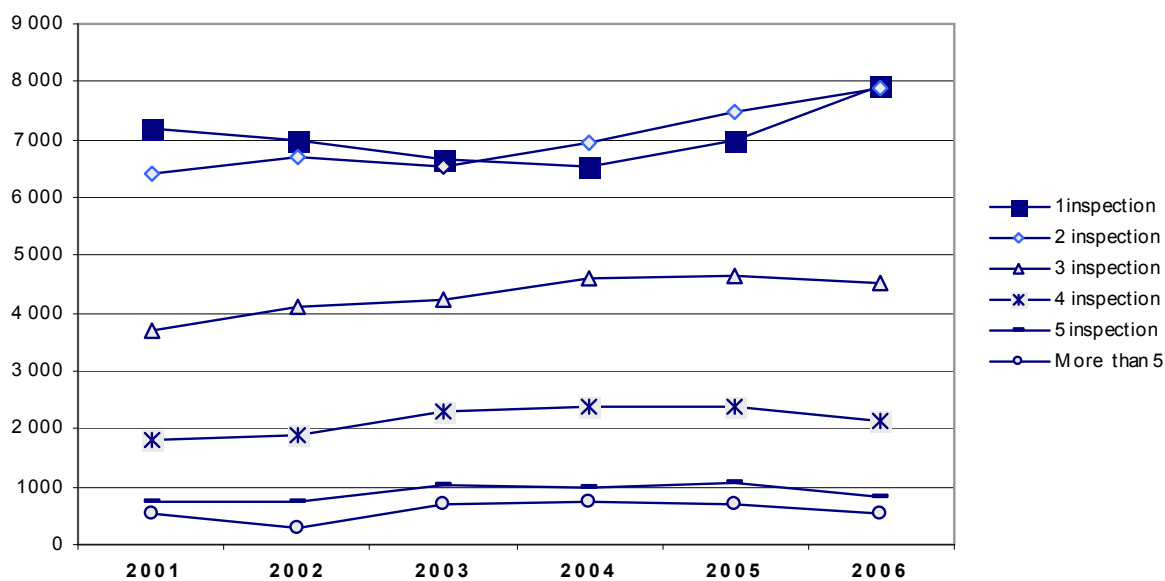


MULTIPLE INSPECTIONS

Table 119 - Total number of individual ships inspected^(*), by number of inspections per ship – 2001/2006

Number of inspections per ship	Number of ships inspected											
	2001		2002		2003		2004		2005		2006	
1	7 180	35,3%	6 966	33,7%	6 640	31,0%	6 518	29,4%	6 998	30,1%	7 913	33,2%
2	6 394	31,4%	6 691	32,4%	6 514	30,4%	6 956	31,4%	7 470	32,1%	7 898	33,1%
3	3 681	18,1%	4 090	19,8%	4 233	19,7%	4 621	20,8%	4 627	19,9%	4 529	19,0%
4	1 826	9,0%	1 908	9,2%	2 319	10,8%	2 374	10,7%	2 397	10,3%	2 127	8,9%
5	760	3,7%	733	3,5%	1 027	4,8%	981	4,4%	1 049	4,5%	830	3,5%
More than 5	525	2,6%	292	1,4%	700	3,3%	726	3,3%	703	3,0%	552	2,3%
Total	20 366	100%	20 680	100%	21 433	100%	22 176	100%	23 244	100%	23 849	100%

Source: Equasis processed by EMSA – Paris MoU, Tokyo MoU, US Coast guard - ^(*) Existing ship types in Equasis

Graph 109 - Total number of individual ships inspected^(*), by number of inspections per ship – 2001/2006

^(*) Existing ship types in Equasis

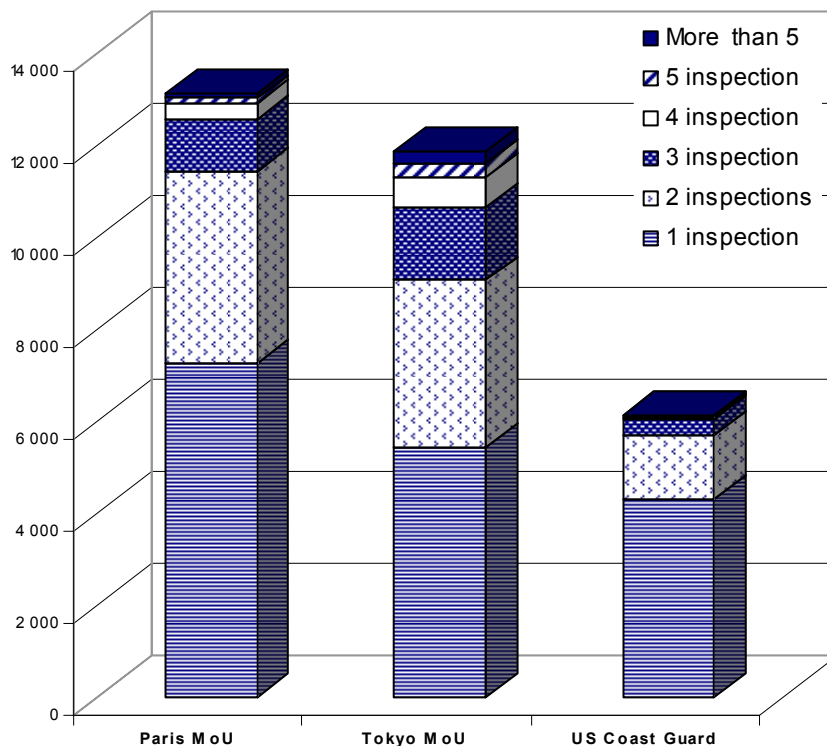
INSPECTION FREQUENCY BY PSC REGIONS

Table 120 - Total number of individual ships inspected^(*), by number of inspection per ship and by PSC region – 2006

Number of inspections per ship	Number of ships inspected					
	Paris MoU		Tokyo MoU		US Coast Guard	
1	7 277	55,5%	5 441	45,8%	4 322	70,3%
2	4 138	31,6%	3 621	30,5%	1 372	22,3%
3	1 138	8,7%	1 583	13,3%	333	5,4%
4	368	2,8%	644	5,4%	75	1,2%
5	98	0,7%	311	2,6%	22	0,4%
More than 5	91	0,7%	272	2,3%	21	0,3%
Total	13 110	100%	11 872	100%	6 145	100%

Source: Equasis processed by EMSA – Paris MoU, Tokyo 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 – 2006



^(*) All existing ship types in Equasis

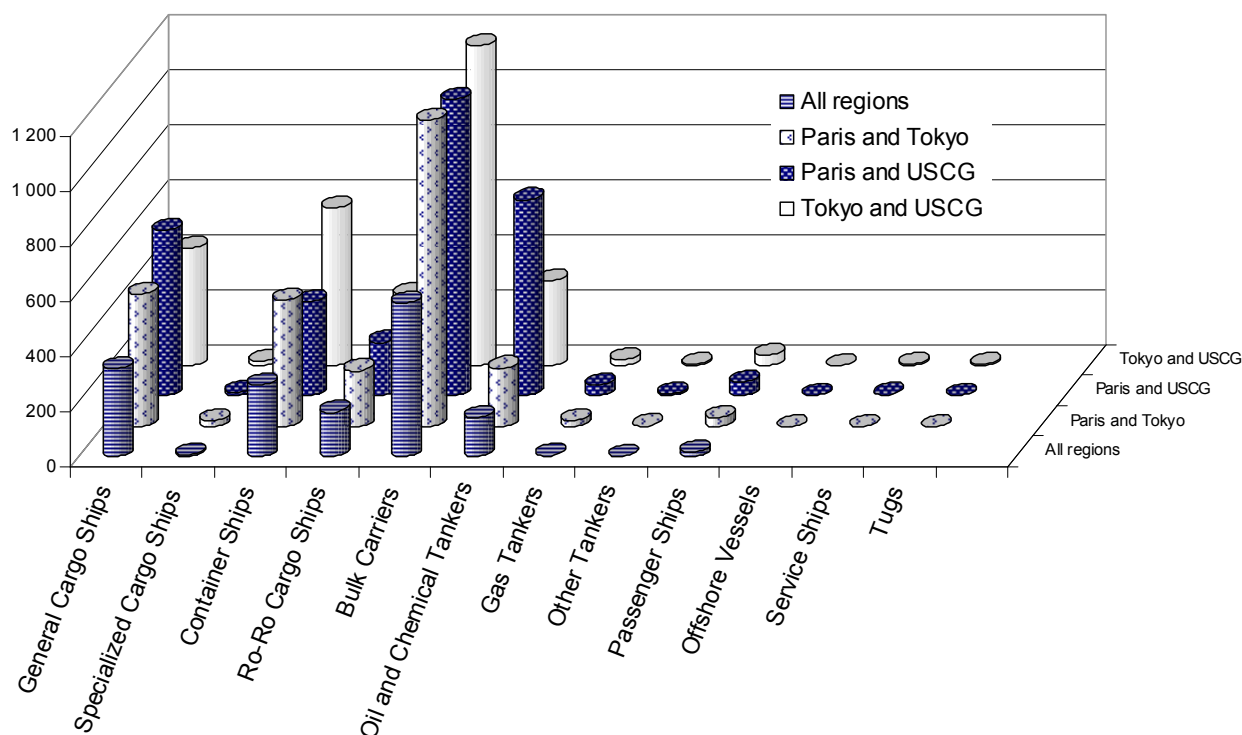
INSPECTIONS IN MORE THAN ONE REGION

Table 121 - Total number of individual ships inspected in more than one PSC region, by type – 2006

Ship type	Number of ships inspected							
	Paris and Tokyo		Paris and USCG		Tokyo and USCG		All regions	
General Cargo Ships	481	18,8%	606	19,8%	426	15,1%	321	21,7%
Specialized Cargo Ships	20	0,8%	14	0,5%	17	0,6%	9	0,6%
Container Ships	462	18,1%	344	11,2%	574	20,4%	262	17,7%
Ro-Ro Cargo Ships	203	8,0%	195	6,4%	258	9,1%	162	10,9%
Bulk Carriers	1 115	43,7%	1 081	35,2%	1 167	41,4%	561	37,9%
Oil and Chemical Tankers	213	8,3%	715	23,3%	308	10,9%	142	9,6%
Gas Tankers	23	0,9%	41	1,3%	21	0,7%	5	0,3%
Other Tankers	2	0,1%	7	0,2%	3	0,1%	2	0,1%
Passenger Ships	32	1,3%	52	1,7%	36	1,3%	17	1,1%
Offshore Vessels			4	0,1%	1	0,0%		
Service Ships	1	0,0%	5	0,2%	5	0,2%		
Tugs			3	0,1%	4	0,1%		
Total	2 552	100%	3 067	100%	2 820	100%	1 481	100%

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

Graph 111 - Ships inspected in more than one PSC region, by type – 2006



5.2. SHIPS WITHOUT INSPECTION RECORD

WHOLE FLEET GT≥500

Table 122 - Total number ships GT≥500 without inspection record, by type and size – 2004/2006

Ship Type	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 462	26,7%	3	0,4%			4 465	25,1%
Specialized Cargo Ships	68	0,4%	2	0,3%			70	0,4%
Container Ships	378	2,3%	71	10,3%	27	6,5%	476	2,7%
Ro-Ro Cargo Ships	361	2,2%	32	4,6%	3	0,7%	396	2,2%
Bulk Carriers	820	4,9%	186	26,9%	35	8,5%	1 041	5,8%
Oil and Chemical Tankers	3 228	19,3%	253	36,6%	195	47,2%	3 676	20,7%
Gas Tankers	382	2,3%	23	3,3%	54	13,1%	459	2,6%
Other Tankers	113	0,7%					113	0,6%
Passenger Ships	2 112	12,7%	46	6,6%	3	0,7%	2 161	12,1%
Offshore Vessels	2 299	13,8%	44	6,4%	90	21,8%	2 433	13,7%
Service Ships	1 825	10,9%	32	4,6%	6	1,5%	1 863	10,5%
Tugs	643	3,9%					643	3,6%
Total	16 691	100%	692	100%	413	100%	17 796	100%

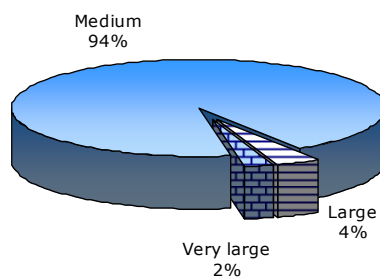
Source: Equasis processed by EMSA / ⁽¹⁾ 500≤GT<25.000 - ⁽²⁾ 25.000≤GT<60.000 - ⁽³⁾ GT≥60.000

Table 123 - Gross tonnage (in 1000 t) ships GT≥500 without inspection record, by type and size – 2004/2006

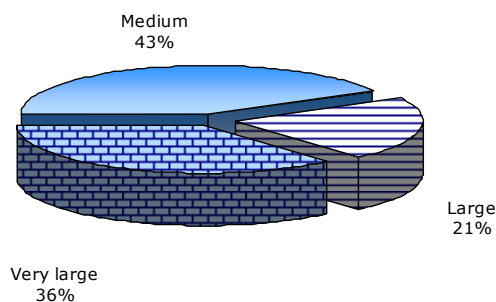
Ship Type	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	12 144	22,4%	83	0,3%			12 226	9,7%
Specialized Cargo Ships	207	0,4%	76	0,3%			283	0,2%
Container Ships	3 535	6,5%	2 520	9,7%	2 439	5,4%	8 495	6,7%
Ro-Ro Cargo Ships	2 104	3,9%	1 318	5,1%	193	0,4%	3 615	2,9%
Bulk Carriers	7 163	13,2%	6 509	25,0%	3 264	7,2%	16 935	13,5%
Oil and Chemical Tankers	10 998	20,3%	9 838	37,8%	23 627	51,9%	44 463	35,3%
Gas Tankers	978	1,8%	1 002	3,9%	5 674	12,5%	7 654	6,1%
Other Tankers	222	0,4%					222	0,2%
Passenger Ships	6 992	12,9%	1 551	6,0%	284	0,6%	8 828	7,0%
Offshore Vessels	3 868	7,1%	1 951	7,5%	9 636	21,2%	15 454	12,3%
Service Ships	5 483	10,1%	1 165	4,5%	426	0,9%	7 075	5,6%
Tugs	611	1,1%					611	0,5%
Total	54 304	100%	26 013	100%	45 544	100%	125 861	100%

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

Graph 112 - Total number of ships GT≥500 without inspection record, by size – 2004/2006



Graph 113 - Gross tonnage of ships GT≥500 without inspection record, by size – 2004/2006



5.3. SHIPS WITHOUT INSPECTION RECORD - BY AGE

WHOLE FLEET >500GT

Table 124 - Total number of ships GT≥500 without inspection record, by type and age – 2004/2006

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	303	12,9%	372	14,1%	716	19,5%	3 074	33,6%	4 465	25,1%
Specialized Cargo Ships	4	0,2%	6	0,2%	15	0,4%	45	0,5%	70	0,4%
Container Ships	203	8,7%	89	3,4%	63	1,7%	121	1,3%	476	2,7%
Ro-Ro Cargo Ships	54	2,3%	80	3,0%	75	2,0%	187	2,0%	396	2,2%
Bulk Carriers	161	6,9%	148	5,6%	241	6,6%	491	5,4%	1 041	5,8%
Oil and Chemical Tankers	509	21,7%	595	22,5%	796	21,7%	1 776	19,4%	3 676	20,7%
Gas Tankers	77	3,3%	102	3,9%	91	2,5%	189	2,1%	459	2,6%
Other Tankers	2	0,1%	21	0,8%	20	0,5%	70	0,8%	113	0,6%
Passenger Ships	243	10,4%	541	20,5%	460	12,5%	917	10,0%	2 161	12,1%
Offshore Vessels	543	23,2%	323	12,2%	627	17,1%	940	10,3%	2 433	13,7%
Service Ships	148	6,3%	282	10,7%	433	11,8%	1 000	10,9%	1 863	10,5%
Tugs	95	4,1%	85	3,2%	137	3,7%	326	3,6%	643	3,6%
Total	2 342	100%	2 644	100%	3 674	100%	9 136	100%	17 796	100%

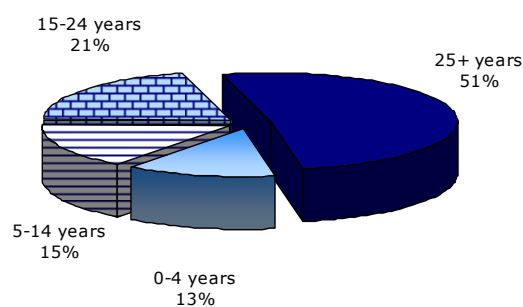
Source: Equasis processed by EMSA

Table 125 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and age – 2004/2006

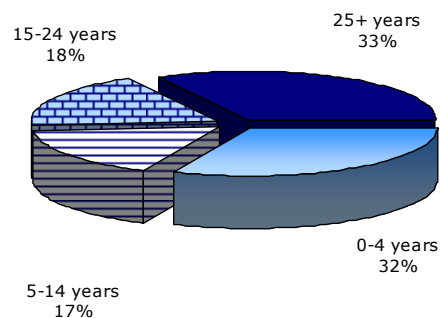
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 043	2,6%	718	3,4%	1 999	8,8%	8 465	20,4%	12 226	9,7%
Specialized Cargo Ships	32	0,1%	29	0,1%	106	0,5%	116	0,3%	283	0,2%
Container Ships	5 649	14,0%	895	4,2%	943	4,1%	1 007	2,4%	8 495	6,7%
Ro-Ro Cargo Ships	1 485	3,7%	644	3,0%	409	1,8%	1 077	2,6%	3 615	2,9%
Bulk Carriers	6 430	15,9%	1 098	5,2%	3 304	14,5%	6 103	14,7%	16 935	13,5%
Oil and Chemical Tankers	16 130	39,9%	7 703	36,4%	10 092	44,2%	10 539	25,4%	44 463	35,3%
Gas Tankers	3 068	7,6%	2 756	13,0%	897	3,9%	932	2,2%	7 654	6,1%
Other Tankers	8	0,0%	18	0,1%	41	0,2%	155	0,4%	222	0,2%
Passenger Ships	1 937	4,8%	2 561	12,1%	1 557	6,8%	2 774	6,7%	8 828	7,0%
Offshore Vessels	3 552	8,8%	3 217	15,2%	1 617	7,1%	7 068	17,1%	15 454	12,3%
Service Ships	982	2,4%	1 427	6,7%	1 721	7,5%	2 945	7,1%	7 075	5,6%
Tugs	114	0,3%	82	0,4%	141	0,6%	274	0,7%	611	0,5%
Total	40 431	100%	21 148	100%	22 828	100%	41 455	100%	125 861	100%

Source: Equasis processed by EMSA

Graph 114 - Total number of ships GT≥500 without inspection record, by age – 2004/2006



Graph 115 - Gross tonnage of ships GT≥500 without inspection record, by age – 2004/2006



MEDIUM SHIPS

Table 126 - Total number of medium⁽¹⁾ ships without inspection record, by type and age – 2004/2006

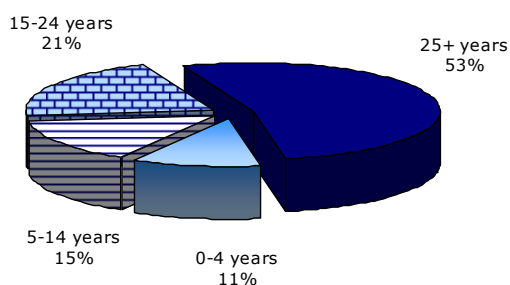
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	302	16,4%	372	15,2%	716	20,6%	3 072	34,4%	4 462	26,7%
Specialized Cargo Ships	4	0,2%	6	0,2%	13	0,4%	45	0,5%	68	0,4%
Container Ships	120	6,5%	87	3,5%	57	1,6%	114	1,3%	378	2,3%
Ro-Ro Cargo Ships	30	1,6%	75	3,1%	74	2,1%	182	2,0%	361	2,2%
Bulk Carriers	43	2,3%	130	5,3%	198	5,7%	449	5,0%	820	4,9%
Oil and Chemical Tankers	323	17,5%	524	21,4%	680	19,6%	1 701	19,1%	3 228	19,3%
Gas Tankers	45	2,4%	77	3,1%	84	2,4%	176	2,0%	382	2,3%
Other Tankers	2	0,1%	21	0,9%	20	0,6%	70	0,8%	113	0,7%
Passenger Ships	217	11,8%	523	21,3%	458	13,2%	914	10,2%	2 112	12,7%
Offshore Vessels	520	28,2%	282	11,5%	615	17,7%	882	9,9%	2 299	13,8%
Service Ships	143	7,8%	271	11,0%	422	12,1%	989	11,1%	1 825	10,9%
Tugs	95	5,2%	85	3,5%	137	3,9%	326	3,7%	643	3,9%
Total	1 844	100%	2 453	100%	3 474	100%	8 920	100%	16 691	100%

Source: Equasis processed by EMSA / ⁽¹⁾ 500≤GT<25.000Table 127 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and age – 2004/2006

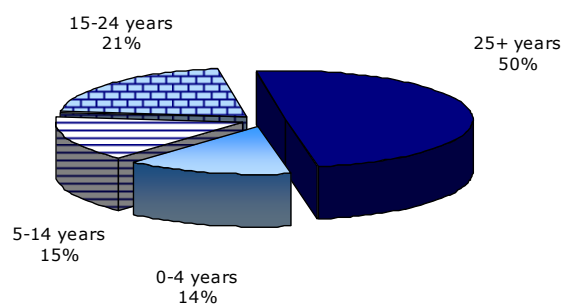
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 014	12,9%	718	8,9%	1 999	17,6%	8 412	31,2%	12 144	22,4%
Specialized Cargo Ships	32	0,4%	29	0,4%	30	0,3%	116	0,4%	207	0,4%
Container Ships	1 235	15,7%	794	9,8%	696	6,1%	810	3,0%	3 535	6,5%
Ro-Ro Cargo Ships	339	4,3%	478	5,9%	361	3,2%	927	3,4%	2 104	3,9%
Bulk Carriers	353	4,5%	577	7,1%	1 618	14,3%	4 615	17,1%	7 163	13,2%
Oil and Chemical Tankers	1 867	23,8%	1 707	21,0%	2 531	22,3%	4 893	18,1%	10 998	20,3%
Gas Tankers	214	2,7%	176	2,2%	238	2,1%	350	1,3%	978	1,8%
Other Tankers	8	0,1%	18	0,2%	41	0,4%	155	0,6%	222	0,4%
Passenger Ships	853	10,9%	1 967	24,2%	1 502	13,2%	2 670	9,9%	6 992	12,9%
Offshore Vessels	1 143	14,6%	596	7,3%	911	8,0%	1 217	4,5%	3 868	7,1%
Service Ships	683	8,7%	973	12,0%	1 282	11,3%	2 545	9,4%	5 483	10,1%
Tugs	114	1,4%	82	1,0%	141	1,2%	274	1,0%	611	1,1%
Total	7 855	100%	8 114	100%	11 352	100%	26 983	100%	54 304	100%

Source: Equasis processed by EMSA / ⁽¹⁾ 500≤GT<25.000

Graph 116 - Total number of medium ships without inspection record, by age – 2004/2006



Graph 117 - Gross tonnage of medium ships without inspection record, by age – 2004/2006



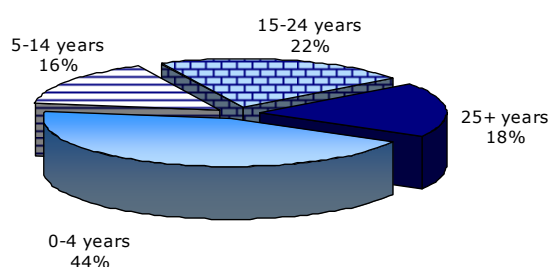
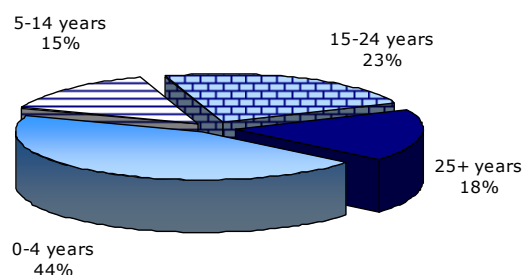
LARGE SHIPS

Table 128 - Total number of large⁽¹⁾ ships without inspection record, by type and age – 2004/2006

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1	0,3%					2	1,6%	3	0,4%
Specialized Cargo Ships					2	1,3%			2	0,3%
Container Ships	56	18,5%	2	1,9%	6	3,9%	7	5,5%	71	10,3%
Ro-Ro Cargo Ships	21	6,9%	5	4,6%	1	0,7%	5	3,9%	32	4,6%
Bulk Carriers	89	29,4%	18	16,7%	40	26,1%	39	30,5%	186	26,9%
Oil and Chemical Tankers	99	32,7%	32	29,6%	81	52,9%	41	32,0%	253	36,6%
Gas Tankers	7	2,3%	3	2,8%	1	0,7%	12	9,4%	23	3,3%
Other Tankers										
Passenger Ships	23	7,6%	18	16,7%	2	1,3%	3	2,3%	46	6,6%
Offshore Vessels	5	1,7%	22	20,4%	9	5,9%	8	6,3%	44	6,4%
Service Ships	2	0,7%	8	7,4%	11	7,2%	11	8,6%	32	4,6%
Tugs										
Total	303	100%	108	100%	153	100%	128	100%	692	100%

Source: Equasis processed by EMSA / ⁽¹⁾ 25.000≤GT<60.000**Table 129 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and age – 2004/2006**

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	30	0,3%					53	1,1%	83	0,3%
Specialized Cargo Ships					76	1,3%			76	0,3%
Container Ships	1 975	17,2%	101	2,6%	247	4,1%	197	4,2%	2 520	9,7%
Ro-Ro Cargo Ships	953	8,3%	166	4,3%	48	0,8%	151	3,2%	1 318	5,1%
Bulk Carriers	3 343	29,1%	521	13,6%	1 357	22,4%	1 287	27,6%	6 509	25,0%
Oil and Chemical Tankers	3 774	32,9%	1 040	27,1%	3 370	55,8%	1 654	35,5%	9 838	37,8%
Gas Tankers	336	2,9%	134	3,5%	45	0,7%	488	10,5%	1 002	3,9%
Other Tankers										
Passenger Ships	799	7,0%	594	15,5%	55	0,9%	103	2,2%	1 551	6,0%
Offshore Vessels	174	1,5%	1 041	27,1%	408	6,8%	327	7,0%	1 951	7,5%
Service Ships	88	0,8%	239	6,2%	438	7,2%	400	8,6%	1 165	4,5%
Tugs										
Total	11 472	100%	3 837	100%	6 043	100%	4 660	100%	26 013	100%

Source: Equasis processed by EMSA / ⁽¹⁾ 25.000≤GT<60.000**Graph 118 - Total number of large ships without inspection record, by age – 2004/2006****Graph 119 - Gross tonnage of large ships without inspection record, by age – 2004/2006**

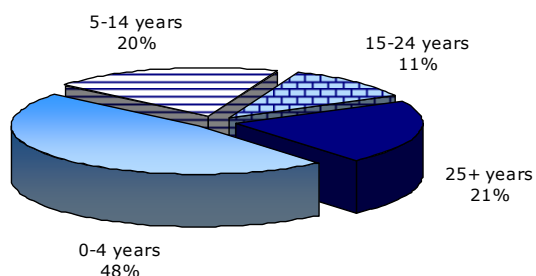
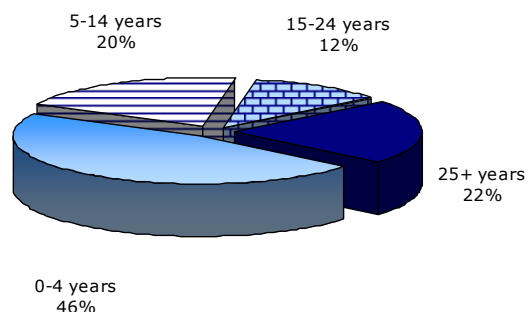
VERY LARGE SHIPS

Table 130 - Total number of very large⁽¹⁾ ships without inspection record, by type and age – 2004/2006

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	27	13,8%							27	6,5%
Ro-Ro Cargo Ships	3	1,5%							3	0,7%
Bulk Carriers	29	14,9%			3	6,4%	3	3,4%	35	8,5%
Oil and Chemical Tankers	87	44,6%	39	47,0%	35	74,5%	34	38,6%	195	47,2%
Gas Tankers	25	12,8%	22	26,5%	6	12,8%	1	1,1%	54	13,1%
Other Tankers									0	
Passenger Ships	3	1,5%							3	0,7%
Offshore Vessels	18	9,2%	19	22,9%	3	6,4%	50	56,8%	90	21,8%
Service Ships	3	1,5%	3	3,6%					6	1,5%
Tugs										
Total	195	100%	83	100%	47	100%	88	100%	413	100%

Source: Equasis processed by EMSA / ⁽¹⁾ GT≥60.000**Table 131 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and age – 2004/2006**

Ship Type	0-4		5-14		15-24		25+		Total	
	Gross Tonnage	%	Gross Tonnage	%	Gross Tonnage	%	Gross Tonnage	%	Gross Tonnage	%
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	2 439	11,6%							2 439	5,4%
Ro-Ro Cargo Ships	193	0,9%							193	0,4%
Bulk Carriers	2 734	13,0%			329	6,1%	201	2,0%	3 264	7,2%
Oil and Chemical Tankers	10 488	49,7%	4 955	53,9%	4 191	77,2%	3 992	40,7%	23 627	51,9%
Gas Tankers	2 517	11,9%	2 447	26,6%	614	11,3%	95	1,0%	5 674	12,5%
Other Tankers									0	0,0%
Passenger Ships	284	1,3%							284	0,6%
Offshore Vessels	2 235	10,6%	1 580	17,2%	298	5,5%	5 523	56,3%	9 636	21,2%
Service Ships	211	1,0%	215	2,3%					426	0,9%
Tugs										
Total	21 104	100%	9 197	100%	5 433	100%	9 812	100%	45 544	100%

Source: Equasis processed by EMSA / ⁽¹⁾ GT≥60.000**Graph 120 - Total number of very large ships without inspection record, by age – 2004/2006****Graph 121 - Gross tonnage of very large ships without inspection record, by age – 2004/2006**

5.4. 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 – 2004/2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	683	9,1%	791	53,7%	2 991	34,0%	4 465	25%
Specialized Cargo Ships	25	0,3%	4	0,3%	41	0,5%	70	0,4%
Container Ships	261	3,5%	23	1,6%	192	2,2%	476	2,7%
Ro-Ro Cargo Ships	215	2,9%	18	1,2%	163	1,9%	396	2,2%
Bulk Carriers	449	6,0%	56	3,8%	536	6,1%	1 041	5,8%
Oil and Chemical Tankers	1 779	23,6%	267	18,1%	1 630	18,5%	3 676	20,7%
Gas Tankers	285	3,8%	7	0,5%	167	1,9%	459	2,6%
Other Tankers	42	0,6%	10	0,7%	61	0,7%	113	0,6%
Passenger Ships	734	9,7%	194	13,2%	1 233	14,0%	2 161	12,1%
Offshore Vessels	1 863	24,7%	27	1,8%	543	6,2%	2 433	13,7%
Service Ships	792	10,5%	59	4,0%	1 012	11,5%	1 863	10,5%
Tugs	407	5,4%	17	1,2%	219	2,5%	643	3,6%
Total	7 535	100%	1 473	100%	8 788	100%	17 796	100%

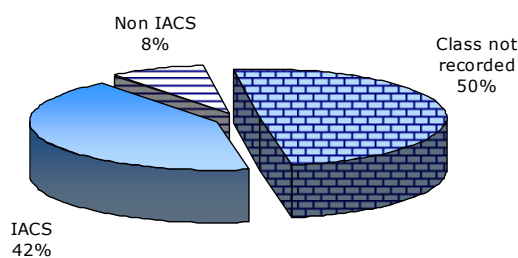
Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Table 133 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and class – 2004/2006

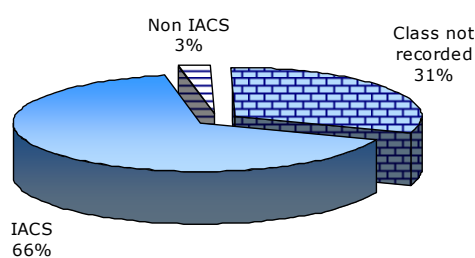
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 915	3,5%	1 534	43,9%	7 777	20,0%	12 226	10%
Specialized Cargo Ships	172	0,2%	6	0,2%	105	0,3%	283	0%
Container Ships	4 651	5,6%	87	2,5%	3 756	9,7%	8 495	7%
Ro-Ro Cargo Ships	2 749	3,3%	107	3,0%	760	2,0%	3 615	3%
Bulk Carriers	7 700	9,2%	261	7,4%	8 975	23,1%	16 935	13%
Oil and Chemical Tankers	36 428	43,6%	597	17,0%	7 439	19,1%	44 463	35%
Gas Tankers	6 191	7,4%	9	0,2%	1 454	3,7%	7 654	6%
Other Tankers	114	0,1%	29	0,8%	79	0,2%	222	0%
Passenger Ships	4 919	5,9%	591	16,9%	3 317	8,5%	8 828	7%
Offshore Vessels	12 869	15,4%	181	5,2%	2 404	6,2%	15 454	12%
Service Ships	4 347	5,2%	85	2,4%	2 642	6,8%	7 075	6%
Tugs	425	0,5%	13	0,4%	172	0,4%	611	0%
Total	83 481	100%	3 499	100%	38 881	100%	125 861	100%

Source: Equasis processed by EMSA - IACS membership on 31/12/2006

Graph 122 - Total number of ships GT≥500 without inspection record, by class – 2004/2006



Graph 123 - Gross tonnage of ships GT≥500 without inspection record, by class – 2004/2006



MEDIUM SHIPS

Table 134 - Total number of medium⁽¹⁾ ships without inspection record, by type and class – 2004/2006

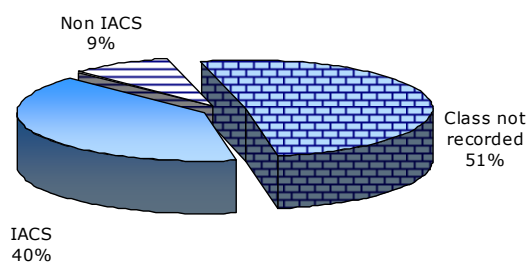
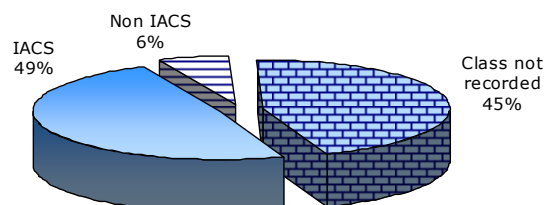
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	680	10,2%	791	53,8%	2 991	35,1%	4 462	27%
Specialized Cargo Ships	23	0,3%	4	0,3%	41	0,5%	68	0,4%
Container Ships	211	3,2%	23	1,6%	144	1,7%	378	2,3%
Ro-Ro Cargo Ships	185	2,8%	18	1,2%	158	1,9%	361	2,2%
Bulk Carriers	333	5,0%	56	3,8%	431	5,1%	820	4,9%
Oil and Chemical Tankers	1 391	20,8%	266	18,1%	1 571	18,4%	3 228	19,3%
Gas Tankers	220	3,3%	7	0,5%	155	1,8%	382	2,3%
Other Tankers	42	0,6%	10	0,7%	61	0,7%	113	0,7%
Passenger Ships	689	10,3%	194	13,2%	1 229	14,4%	2 112	12,7%
Offshore Vessels	1 753	26,2%	25	1,7%	521	6,1%	2 299	13,8%
Service Ships	762	11,4%	59	4,0%	1 004	11,8%	1 825	10,9%
Tugs	407	6,1%	17	1,2%	219	2,6%	643	3,9%
Total	6 696	100%	1 470	100%	8 525	100%	16 691	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Table 135 - Gross tonnage (in 1000 t) of ships without inspection record, by type and class – 2004/2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 833	10,7%	1 534	46,5%	7 777	31,8%	12 144	22%
Specialized Cargo Ships	96	0,4%	6	0,2%	105	0,4%	207	0%
Container Ships	2 443	9,2%	87	2,6%	1 005	4,1%	3 535	7%
Ro-Ro Cargo Ships	1 437	5,4%	107	3,2%	561	2,3%	2 104	4%
Bulk Carriers	2 701	10,2%	261	7,9%	4 201	17,2%	7 163	13%
Oil and Chemical Tankers	6 451	24,3%	549	16,6%	3 998	16,4%	10 998	20%
Gas Tankers	688	2,6%	9	0,3%	281	1,1%	978	2%
Other Tankers	114	0,4%	29	0,9%	79	0,3%	222	0%
Passenger Ships	3 297	12,4%	591	17,9%	3 104	12,7%	6 992	13%
Offshore Vessels	3 062	11,5%	31	0,9%	774	3,2%	3 868	7%
Service Ships	3 027	11,4%	85	2,6%	2 371	9,7%	5 483	10%
Tugs	425	1,6%	13	0,4%	172	0,7%	611	1%
Total	26 575	100%	3 302	100%	24 428	100%	54 304	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2006

Graph 124 - Total number of medium ships without inspection record, by class – 2004/2006**Graph 125 - Gross tonnage of medium ships without inspection record, by class – 2004/2006**

LARGE SHIPS

Table 136 - Total number of large⁽¹⁾ ships without inspection record, by type and class – 2004/2006

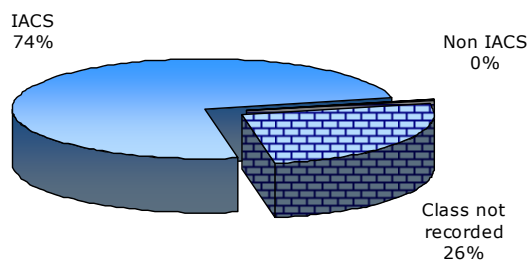
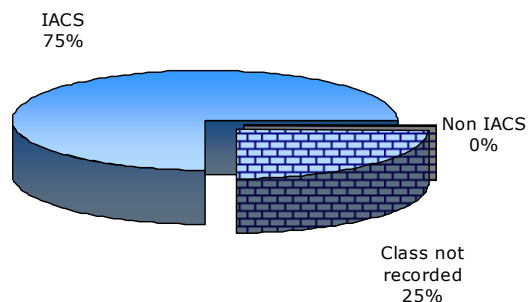
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	3	0,6%					3	0,4%
Specialized Cargo Ships	2	0,4%					2	0,3%
Container Ships	42	8,3%			29	15,8%	71	10,3%
Ro-Ro Cargo Ships	27	5,3%			5	2,7%	32	4,6%
Bulk Carriers	101	19,9%			85	46,4%	186	26,9%
Oil and Chemical Tankers	210	41,3%	1	100%	42	23,0%	253	36,6%
Gas Tankers	22	4,3%			1	0,5%	23	3,3%
Other Tankers								
Passenger Ships	43	8,5%			3	1,6%	46	6,6%
Offshore Vessels	34	6,7%			10	5,5%	44	6,4%
Service Ships	24	4,7%			8	4,4%	32	4,6%
Tugs								
Total	508	100%	1	100%	183	100%	692	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2006

Table 137 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and class – 2004/2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	83	0,4%					83	0%
Specialized Cargo Ships	76	0,4%					76	0%
Container Ships	1 512	7,8%			1 008	15,3%	2 520	10%
Ro-Ro Cargo Ships	1 119	5,8%			199	3,0%	1 318	5%
Bulk Carriers	3 537	18,2%			2 972	45,2%	6 509	25%
Oil and Chemical Tankers	8 218	42,4%	47	100%	1 572	23,9%	9 838	38%
Gas Tankers	955	4,9%			47	0,7%	1 002	4%
Other Tankers								
Passenger Ships	1 448	7,5%			103	1,6%	1 551	6%
Offshore Vessels	1 544	8,0%			406	6,2%	1 951	7%
Service Ships	894	4,6%			272	4,1%	1 165	4%
Tugs								
Total	19 386	100%	47	100%	6 580	100%	26 013	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2006

Graph 126 - Total number of large ships without inspection record, by class – 2004/2006**Graph 127 - Gross tonnage of large ships without inspection record, by class – 2004/2006**

VERY LARGE SHIPS

Table 138 - Total number of very large⁽¹⁾ ships without inspection record, by type and class – 2004/2006

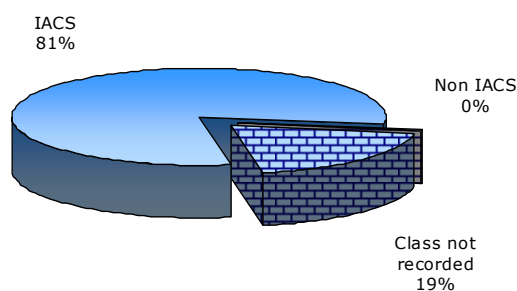
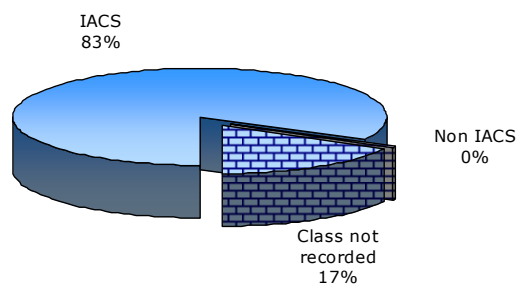
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	8	2,4%			19	23,8%	27	6,5%
Ro-Ro Cargo Ships	3	0,9%					3	0,7%
Bulk Carriers	15	4,5%			20	25,0%	35	8,5%
Oil and Chemical Tankers	178	53,8%			17	21,3%	195	47,2%
Gas Tankers	43	13,0%			11	13,8%	54	13,1%
Other Tankers								
Passenger Ships	2	0,6%			1	1,3%	3	0,7%
Offshore Vessels	76	23,0%	2	100%	12	15,0%	90	21,8%
Service Ships	6	1,8%					6	1,5%
Tugs								
Total	331	100%	2	100%	80	100%	413	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Table 139 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and class – 2004/2006

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	696	1,9%			1 743	22,1%	2 439	5%
Ro-Ro Cargo Ships	193	0,5%					193	0%
Bulk Carriers	1 462	3,9%			1 802	22,9%	3 264	7%
Oil and Chemical Tankers	21 758	58,0%			1 869	23,7%	23 627	52%
Gas Tankers	4 548	12,1%			1 126	14,3%	5 674	12%
Other Tankers	0	0,0%						
Passenger Ships	174	0,5%			110	1,4%	284	1%
Offshore Vessels	8 262	22,0%	150	100%	1 223	15,5%	9 636	21%
Service Ships	426	1,1%					426	1%
Tugs								
Total	37 520	100%	150	100%	7 874	100%	45 544	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2006

Graph 128 - Total number of very large ships without inspection record, by class – 2004/2006**Graph 129 - Gross tonnage of very large ships without inspection record, by class – 2004/2006**

5.5. 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 – 2004/2006

Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	5 784	41,5%	2 641	35,5%	8 425	39,4%	2 715	21,3%	1 824	17,6%	4 539	20%
Specialized Cargo Ships	74	0,5%	37	0,5%	111	0,5%	65	0,5%	33	0,3%	98	0%
Container Ships	1 436	10,3%	195	2,6%	1 631	7,6%	2 047	16,1%	281	2,7%	2 328	10%
Ro-Ro Cargo Ships	642	4,6%	152	2,0%	794	3,7%	516	4,1%	244	2,4%	760	3%
Bulk Carriers	3 204	23,0%	332	4,5%	3 536	16,5%	2 559	20,1%	709	6,8%	3 268	14%
Oil and Chemical Tankers	1 787	12,8%	1 656	22,2%	3 443	16,1%	3 112	24,5%	2 020	19,5%	5 132	22%
Gas Tankers	318	2,3%	140	1,9%	458	2,1%	469	3,7%	319	3,1%	788	3%
Other Tankers	49	0,4%	60	0,8%	109	0,5%	59	0,5%	53	0,5%	112	0%
Passenger Ships	291	2,1%	657	8,8%	948	4,4%	481	3,8%	1 504	14,5%	1 985	9%
Offshore Vessels	126	0,9%	799	10,7%	925	4,3%	421	3,3%	1 634	15,8%	2 055	9%
Service Ships	165	1,2%	562	7,6%	727	3,4%	210	1,7%	1 301	12,6%	1 511	7%
Tugs	51	0,4%	212	2,8%	263	1,2%	73	0,6%	431	4,2%	504	2%
Total	13 927	100%	7 443	100%	21 370	100%	12 727	100%	10 353	100%	23 080	100%

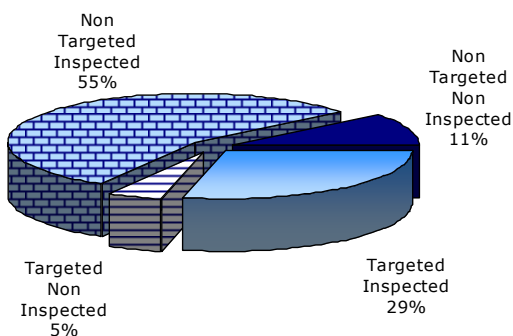
Source: Equasis processed by EMSA

Table 141 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and flag – 2004/2006

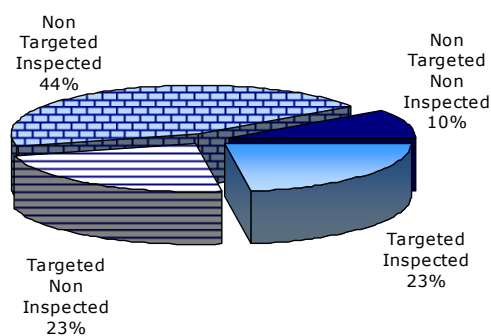
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	25 628	10,6%	6 481	6,2%	32 109	9%	20 509	5,8%	5 745	7,1%	26 254	6%
Specialized Cargo Ships	1 177	0,5%	122	0,1%	1 299	0%	794	0,2%	161	0,2%	955	0%
Container Ships	36 850	15,2%	13 418	12,9%	50 268	15%	67 414	19,0%	5 758	7,1%	73 172	17%
Ro-Ro Cargo Ships	16 470	6,8%	2 478	2,4%	18 948	5%	15 265	4,3%	2 443	3,0%	17 708	4%
Bulk Carriers	98 800	40,8%	34 631	33,3%	133 432	39%	90 873	25,6%	10 337	12,7%	101 211	23%
Oil and Chemical Tankers	48 218	19,9%	32 951	31,7%	81 169	23%	126 067	35,6%	28 325	34,8%	154 392	35%
Gas Tankers	7 678	3,2%	5 088	4,9%	12 766	4%	15 450	4,4%	6 125	7,5%	21 576	5%
Other Tankers	165	0,1%	102	0,1%	267	0%	366	0,1%	120	0,1%	486	0%
Passenger Ships	6 235	2,6%	4 853	4,7%	11 088	3%	14 118	4,0%	5 836	7,2%	19 954	5%
Offshore Vessels	360	0,1%	2 012	1,9%	2 372	1%	2 203	0,6%	10 546	13,0%	12 748	3%
Service Ships	564	0,2%	1 546	1,5%	2 110	1%	1 160	0,3%	5 529	6,8%	6 689	2%
Tugs	64	0,0%	244	0,2%	308	0%	98	0,0%	367	0,5%	464	0%
Total	242 209	100%	103 927	100%	346 137	100%	354 316	100%	81 293	100%	435 608	100%

Source: Equasis processed by EMSA

Graph 130 - Total number of ships GT≥500 without inspection record, by flag – 2004/2006



Graph 131 - Gross tonnage of ships GT≥500 without inspection record, by flag – 2004/2006



MEDIUM SHIPS

Table 142 - Total number of medium⁽¹⁾ ships without inspection record, by type and flag – 2004/2006

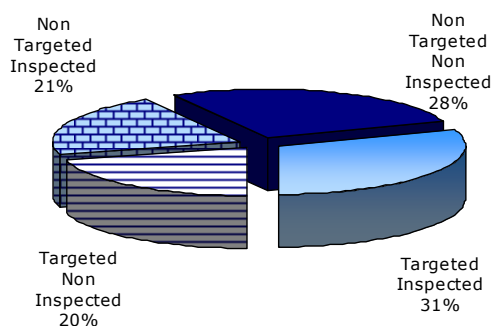
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	5 765	54,0%	2 641	37,3%	8 406	47,3%	2 544	34,3%	1 821	18,9%	4 365	26%
Specialized Cargo Ships	52	0,5%	36	0,5%	88	0,5%	56	0,8%	32	0,3%	88	1%
Container Ships	897	8,4%	169	2,4%	1 066	6,0%	890	12,0%	209	2,2%	1 099	6%
Ro-Ro Cargo Ships	355	3,3%	142	2,0%	497	2,8%	262	3,5%	219	2,3%	481	3%
Bulk Carriers	1 583	14,8%	240	3,4%	1 823	10,3%	941	12,7%	580	6,0%	1 521	9%
Oil and Chemical Tankers	1 213	11,4%	1 505	21,3%	2 718	15,3%	1 430	19,3%	1 723	17,9%	3 153	19%
Gas Tankers	221	2,1%	123	1,7%	344	1,9%	277	3,7%	259	2,7%	536	3%
Other Tankers	48	0,4%	60	0,8%	108	0,6%	57	0,8%	53	0,6%	110	1%
Passenger Ships	208	1,9%	630	8,9%	838	4,7%	274	3,7%	1 482	15,4%	1 756	10%
Offshore Vessels	124	1,2%	756	10,7%	880	5,0%	411	5,5%	1 543	16,0%	1 954	11%
Service Ships	165	1,5%	560	7,9%	725	4,1%	206	2,8%	1 265	13,2%	1 471	9%
Tugs	51	0,5%	212	3,0%	263	1,5%	73	1,0%	431	4,5%	504	3%
Total	10 682	100%	7 074	100%	17 756	100%	7 421	100%	9 617	100%	17 038	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 500≤GT<25.000Table 143 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and flag – 2004/2006

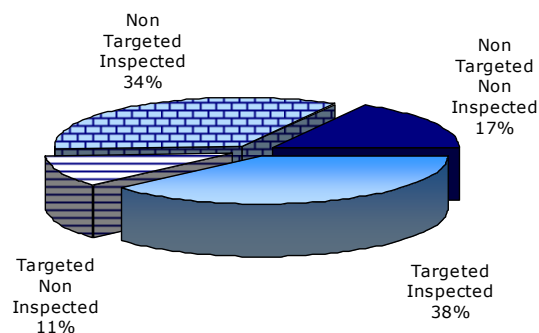
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	25 121	32,8%	6 481	30,5%	31 602	32%	15 439	22,6%	5 662	17,1%	21 101	21%
Specialized Cargo Ships	407	0,5%	84	0,4%	491	1%	495	0,7%	123	0,4%	618	1%
Container Ships	10 378	13,5%	1 430	6,7%	11 808	12%	11 225	16,4%	2 105	6,4%	13 330	13%
Ro-Ro Cargo Ships	3 603	4,7%	722	3,4%	4 324	4%	3 332	4,9%	1 383	4,2%	4 715	5%
Bulk Carriers	23 936	31,2%	1 973	9,3%	25 908	26%	15 917	23,3%	5 190	15,7%	21 106	21%
Oil and Chemical Tankers	8 986	11,7%	5 085	23,9%	14 071	14%	14 245	20,9%	5 913	17,9%	20 158	20%
Gas Tankers	1 136	1,5%	394	1,9%	1 531	2%	2 069	3,0%	583	1,8%	2 653	3%
Other Tankers	135	0,2%	102	0,5%	236	0%	300	0,4%	120	0,4%	420	0%
Passenger Ships	2 025	2,6%	2 030	9,6%	4 055	4%	3 032	4,4%	4 962	15,0%	7 994	8%
Offshore Vessels	248	0,3%	1 217	5,7%	1 464	1%	1 155	1,7%	2 651	8,0%	3 806	4%
Service Ships	564	0,7%	1 483	7,0%	2 048	2%	968	1,4%	4 000	12,1%	4 968	5%
Tugs	64	0,1%	244	1,1%	308	0%	98	0,1%	367	1,1%	464	0%
Total	76 602	100%	21 244	100%	97 846	100%	68 273	100%	33 060	100%	101 333	100%

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

Graph 132 - Total number of medium ships without inspection record, by flag – 2004/2006



Graph 133 - Gross tonnage of medium ships without inspection record, by flag – 2004/2006



LARGE SHIPS

Table 144 - Total number of large⁽¹⁾ ships without inspection record, by type and flag – 2004/2006

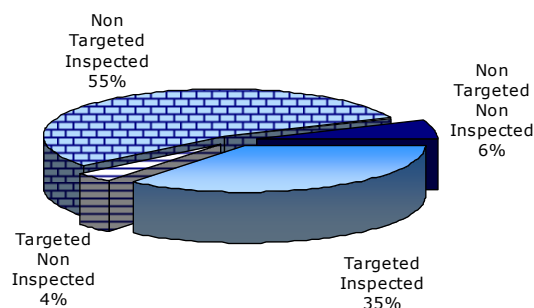
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	19	0,8%			19	0,7%	171	4,5%	3	0,7%	174	4%
Specialized Cargo Ships	22	0,9%	1	0,4%	23	0,8%	9	0,2%	1	0,2%	10	0%
Container Ships	388	15,7%	17	6,9%	405	14,9%	860	22,6%	54	12,2%	914	22%
Ro-Ro Cargo Ships	265	10,7%	9	3,6%	274	10,1%	229	6,0%	23	5,2%	252	6%
Bulk Carriers	1 278	51,6%	72	29,0%	1 350	49,6%	1 249	32,8%	114	25,7%	1 363	32%
Oil and Chemical Tankers	389	15,7%	97	39,1%	486	17,8%	1 049	27,6%	156	35,1%	1 205	28%
Gas Tankers	51	2,1%	9	3,6%	60	2,2%	96	2,5%	14	3,2%	110	3%
Other Tankers	1	0,0%			1	0,0%	2	0,1%			2	0%
Passenger Ships	61	2,5%	26	10,5%	87	3,2%	137	3,6%	20	4,5%	157	4%
Offshore Vessels	1	0,0%	15	6,0%	16	0,6%	2	0,1%	29	6,5%	31	1%
Service Ships			2	0,8%	2	0,1%	3	0,1%	30	6,8%	33	1%
Tugs												
Total	2 475	100%	248	100%	2 723	100%	3 807	100%	444	100%	4 251	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000Table 145 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and flag – 2004/2006

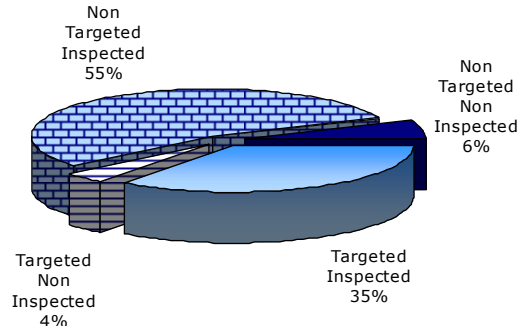
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	507	0,6%			507	1%	5 070	3,5%	83	0,5%	5 153	3%
Specialized Cargo Ships	770	0,8%	38	0,4%	808	1%	299	0,2%	38	0,2%	337	0%
Container Ships	15 019	16,3%	535	5,8%	15 554	15%	33 042	23,0%	1 985	11,8%	35 027	22%
Ro-Ro Cargo Ships	11 499	12,5%	388	4,2%	11 887	12%	10 311	7,2%	930	5,5%	11 240	7%
Bulk Carriers	44 880	48,7%	2 674	29,0%	47 555	47%	43 188	30,1%	3 834	22,8%	47 023	29%
Oil and Chemical Tankers	14 947	16,2%	3 583	38,9%	18 530	18%	42 443	29,6%	6 255	37,2%	48 698	30%
Gas Tankers	2 213	2,4%	364	4,0%	2 577	3%	3 930	2,7%	638	3,8%	4 568	3%
Other Tankers	30	0,0%			30	0%	66	0,0%			66	0%
Passenger Ships	2 238	2,4%	851	9,2%	3 089	3%	4 855	3,4%	700	4,2%	5 555	3%
Offshore Vessels	33	0,0%	715	7,8%	747	1%	68	0,0%	1 236	7,4%	1 303	1%
Service Ships			63	0,7%	63	0%	123	0,1%	1 102	6,6%	1 225	1%
Tugs												
Total	92 137	100%	9 212	100%	101 349	100%	143 395	100%	16 800	100%	160 195	100%

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

Graph 134 - Total number of large ships without inspection record, by flag – 2004/2006



Graph 135 - Gross tonnage of large ships without inspection record, by flag – 2004/2006



VERY LARGE SHIPS

Table 146 - Total number of very large⁽¹⁾ ships without inspection record, by type and flag – 2004/2006

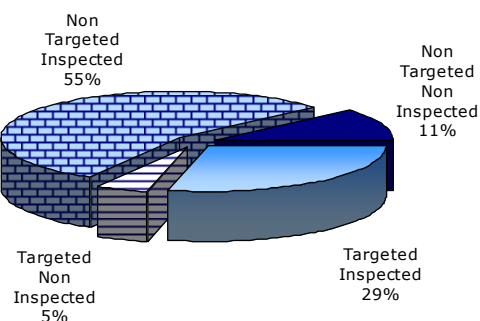
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		Non inspected		Total		Inspected		Non inspected		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	151	19,6%	9	7,4%	160	18,0%	297	19,8%	18	6,2%	315	18%
Ro-Ro Cargo Ships	22	2,9%	1	0,8%	23	2,6%	25	1,7%	2	0,7%	27	2%
Bulk Carriers	343	44,5%	20	16,5%	363	40,7%	369	24,6%	15	5,1%	384	21%
Oil and Chemical Tankers	185	24,0%	54	44,6%	239	26,8%	633	42,2%	141	48,3%	774	43%
Gas Tankers	46	6,0%	8	6,6%	54	6,1%	96	6,4%	46	15,8%	142	8%
Other Tankers												
Passenger Ships	22	2,9%	1	0,8%	23	2,6%	70	4,7%	2	0,7%	72	4%
Offshore Vessels	1	0,1%	28	23,1%	29	3,3%	8	0,5%	62	21,2%	70	4%
Service Ships							1	0,1%	6	2,1%	7	0%
Tugs												
Total	770	100%	121	100%	891	100%	1 499	100%	292	100%	1 791	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000Table 147 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and flag – 2004/2006

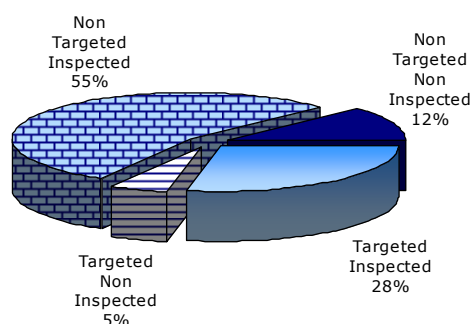
Ship Type	Targeted Flag						Non Targeted Flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	11 453	15,6%	11 453	15,6%	22 906	16%	23 147	16,2%	1 668	5,3%	24 815	14%
Ro-Ro Cargo Ships	1 368	1,9%	1 368	1,9%	2 736	2%	1 622	1,1%	131	0,4%	1 753	1%
Bulk Carriers	29 984	40,8%	29 984	40,8%	59 969	41%	31 769	22,3%	1 313	4,2%	33 082	19%
Oil and Chemical Tankers	24 284	33,1%	24 284	33,1%	48 568	33%	69 379	48,6%	16 157	51,4%	85 535	49%
Gas Tankers	4 329	5,9%	4 329	5,9%	8 659	6%	9 452	6,6%	4 904	15,6%	14 356	8%
Other Tankers												
Passenger Ships	1 972	2,7%	1 972	2,7%	3 944	3%	6 231	4,4%	174	0,6%	6 405	4%
Offshore Vessels	80	0,1%	80	0,1%	160	0%	980	0,7%	6 659	21,2%	7 639	4%
Service Ships							69	0,0%	426	1,4%	496	0%
Tugs												
Total	73 471	100%	73 471	100%	146 942	100%	142 648	100%	31 432	100%	174 080	100%

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

Graph 136 - Total number of very large ships without inspection record, by flag – 2004/2006



Graph 137 - Gross tonnage of very large ships without inspection record, by flag – 2004/2006



5.6. 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 – 2004/2006

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	4 493	21,9%	413	7,7%	4 906	18,9%	4 006	65,6%	4 052	32,6%	8 058	43%
Specialized Cargo Ships	112	0,5%	14	0,3%	126	0,5%	27	0,4%	56	0,5%	83	0%
Container Ships	3 220	15,7%	336	6,3%	3 556	13,7%	263	4,3%	140	1,1%	403	2%
Ro-Ro Cargo Ships	1 000	4,9%	96	1,8%	1 096	4,2%	158	2,6%	300	2,4%	458	2%
Bulk Carriers	5 106	24,9%	346	6,5%	5 452	21,0%	657	10,8%	695	5,6%	1 352	7%
Oil and Chemical Tankers	4 451	21,7%	1 411	26,3%	5 862	22,6%	448	7,3%	2 265	18,2%	2 713	15%
Gas Tankers	725	3,5%	202	3,8%	927	3,6%	62	1,0%	257	2,1%	319	2%
Other Tankers	67	0,3%	22	0,4%	89	0,3%	41	0,7%	91	0,7%	132	1%
Passenger Ships	644	3,1%	778	14,5%	1 422	5,5%	128	2,1%	1 383	11,1%	1 511	8%
Offshore Vessels	420	2,0%	1 110	20,7%	1 530	5,9%	127	2,1%	1 323	10,6%	1 450	8%
Service Ships	222	1,1%	370	6,9%	592	2,3%	153	2,5%	1 493	12,0%	1 646	9%
Tugs	87	0,4%	258	4,8%	345	1,3%	37	0,6%	385	3,1%	422	2%
Total	20 547	100%	5 356	100%	25 903	100%	6 107	100%	12 440	100%	18 547	100%

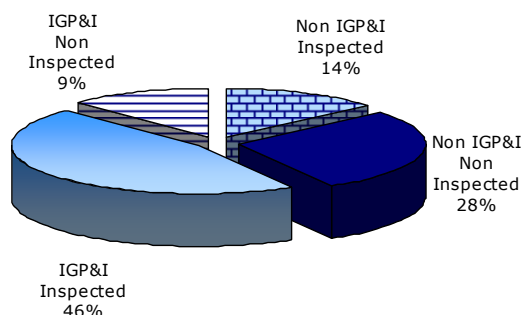
Source: Equasis processed by EMSA

Table 149 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and IGP&I – 2004/2006

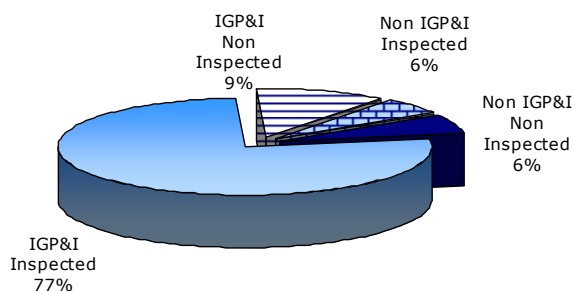
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	32 866	5,9%	2 188	2,7%	35 054	5%	13 271	32,7%	10 039	23,0%	23 309	28%
Specialized Cargo Ships	1 818	0,3%	95	0,1%	1 913	0%	152	0,4%	189	0,4%	341	0%
Container Ships	100 043	18,0%	7 504	9,1%	107 547	17%	4 220	10,4%	991	2,3%	5 211	6%
Ro-Ro Cargo Ships	30 287	5,4%	1 916	2,3%	32 203	5%	1 448	3,6%	1 700	3,9%	3 148	4%
Bulk Carriers	177 276	31,9%	9 726	11,8%	187 001	29%	12 398	30,5%	7 210	16,5%	19 607	23%
Oil and Chemical Tankers	168 095	30,2%	36 377	44,2%	204 472	32%	6 190	15,2%	8 086	18,5%	14 276	17%
Gas Tankers	22 537	4,1%	7 050	8,6%	29 587	5%	592	1,5%	604	1,4%	1 196	1%
Other Tankers	381	0,1%	68	0,1%	449	0%	150	0,4%	154	0,4%	303	0%
Passenger Ships	19 193	3,5%	4 378	5,3%	23 571	4%	1 160	2,9%	4 450	10,2%	5 610	7%
Offshore Vessels	2 011	0,4%	10 046	12,2%	12 057	2%	552	1,4%	5 408	12,4%	5 960	7%
Service Ships	1 248	0,2%	2 636	3,2%	3 884	1%	477	1,2%	4 439	10,2%	4 916	6%
Tugs	127	0,0%	266	0,3%	394	0%	34	0,1%	344	0,8%	379	0%
Total	555 881	100%	82 249	100%	638 130	100%	40 644	100%	43 612	100%	84 256	100%

Source: Equasis processed by EMSA

Graph 138 - Total number of ships GT≥500 without inspection record, by IGP&I – 2004/2006



Graph 139 - Gross tonnage of ships GT≥500 without inspection record, by IGP&I – 2004/2006



MEDIUM SHIPS

Table 150 - Total number of medium⁽¹⁾ ships without inspection record, by type and IGP&I – 2004/2006

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	4 305	35,0%	410	9,3%	4 715	28,2%	4 004	69,0%	4 052	33,0%	8 056	44,6%
Specialized Cargo Ships	82	0,7%	14	0,3%	96	0,6%	26	0,4%	54	0,4%	80	0,4%
Container Ships	1 575	12,8%	246	5,6%	1 821	10,9%	212	3,7%	132	1,1%	344	1,9%
Ro-Ro Cargo Ships	470	3,8%	66	1,5%	536	3,2%	147	2,5%	295	2,4%	442	2,4%
Bulk Carriers	2 016	16,4%	182	4,1%	2 198	13,1%	508	8,8%	638	5,2%	1 146	6,3%
Oil and Chemical Tankers	2 263	18,4%	1 002	22,6%	3 265	19,5%	380	6,5%	2 226	18,1%	2 606	14,4%
Gas Tankers	445	3,6%	129	2,9%	574	3,4%	53	0,9%	253	2,1%	306	1,7%
Other Tankers	65	0,5%	22	0,5%	87	0,5%	40	0,7%	91	0,7%	131	0,7%
Passenger Ships	360	2,9%	734	16,6%	1 094	6,5%	122	2,1%	1 378	11,2%	1 500	8,3%
Offshore Vessels	412	3,3%	1 018	23,0%	1 430	8,6%	123	2,1%	1 281	10,4%	1 404	7,8%
Service Ships	219	1,8%	345	7,8%	564	3,4%	152	2,6%	1 480	12,1%	1 632	9,0%
Tugs	87	0,7%	258	5,8%	345	2,1%	37	0,6%	385	3,1%	422	2,3%
Total	12 299	100%	4 426	100%	16 725	100%	5 804	100%	12 265	100%	18 069	100%

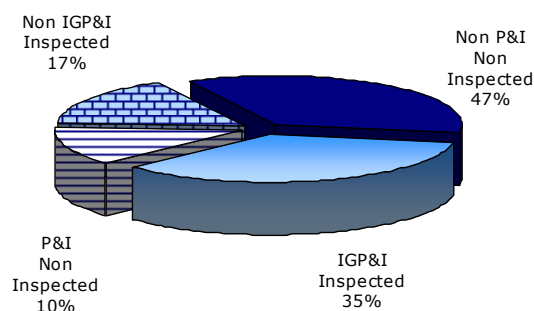
Source: Equasis processed by EMSA - ⁽¹⁾500≤GT<25.000 - ⁽²⁾Inspections in the period 2004/2006

Table 151 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and IGP&I – 2004/2006

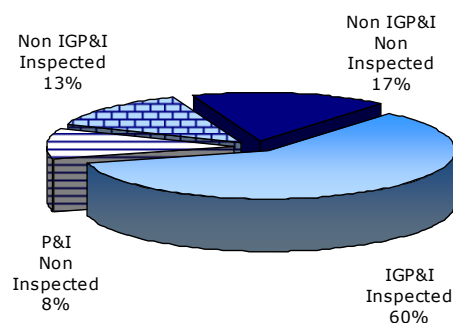
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	27 355	23,0%	2 105	10,3%	29 460	21,1%	13 204	51,1%	10 039	29,7%	23 243	39,0%
Specialized Cargo Ships	788	0,7%	95	0,5%	882	0,6%	113	0,4%	113	0,3%	226	0,4%
Container Ships	19 924	16,7%	2 902	14,2%	22 827	16,4%	1 678	6,5%	633	1,9%	2 311	3,9%
Ro-Ro Cargo Ships	5 956	5,0%	559	2,7%	6 515	4,7%	979	3,8%	1 545	4,6%	2 524	4,2%
Bulk Carriers	33 443	28,1%	2 086	10,2%	35 529	25,5%	6 409	24,8%	5 077	15,0%	11 486	19,2%
Oil and Chemical Tankers	21 514	18,1%	5 680	27,7%	27 194	19,5%	1 718	6,6%	5 317	15,7%	7 035	11,8%
Gas Tankers	3 057	2,6%	668	3,3%	3 725	2,7%	149	0,6%	310	0,9%	458	0,8%
Other Tankers	315	0,3%	68	0,3%	383	0,3%	119	0,5%	154	0,5%	273	0,5%
Passenger Ships	4 241	3,6%	2 712	13,2%	6 953	5,0%	816	3,2%	4 280	12,7%	5 096	8,5%
Offshore Vessels	1 205	1,0%	1 900	9,3%	3 106	2,2%	197	0,8%	1 967	5,8%	2 164	3,6%
Service Ships	1 092	0,9%	1 447	7,1%	2 538	1,8%	440	1,7%	4 037	11,9%	4 477	7,5%
Tugs	127	0,1%	266	1,3%	394	0,3%	34	0,1%	344	1,0%	379	0,6%
Total	119 017	100%	20 489	100%	139 506	100%	25 858	100%	33 815	100%	59 673	100%

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

Graph 140 - Total number of medium ships without inspection record, by IGP&I – 2004/2006



Graph 141 - Gross tonnage of medium ships without inspection record, by IGP&I – 2004/2006



LARGE SHIPS

Table 152 - Total number of large⁽¹⁾ ships without inspection record, by type and IGP&I – 2004/2006

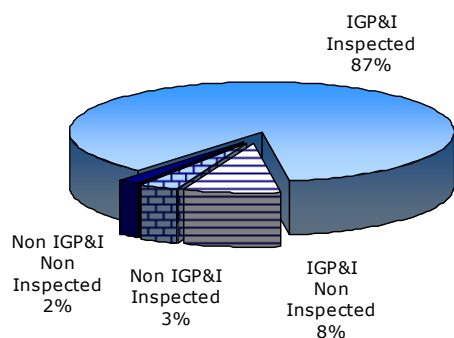
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	188	3,1%	3	0,5%	191	2,9%	2	0,8%			2	0,6%
Specialized Cargo Ships	30	0,5%			30	0,5%	1	0,4%	2	1,6%	3	0,8%
Container Ships	1 215	20,1%	65	11,5%	1 280	19,4%	33	14,0%	6	4,7%	39	10,7%
Ro-Ro Cargo Ships	485	8,0%	27	4,8%	512	7,7%	9	3,8%	5	3,9%	14	3,9%
Bulk Carriers	2 393	39,6%	135	23,9%	2 528	38,2%	134	56,8%	51	40,2%	185	51,0%
Oil and Chemical Tankers	1 395	23,1%	229	40,5%	1 624	24,6%	43	18,2%	24	18,9%	67	18,5%
Gas Tankers	139	2,3%	21	3,7%	160	2,4%	8	3,4%	2	1,6%	10	2,8%
Other Tankers	2	0,0%			2	0,0%	1	0,4%			1	0,3%
Passenger Ships	195	3,2%	41	7,3%	236	3,6%	3	1,3%	5	3,9%	8	2,2%
Offshore Vessels	2	0,0%	25	4,4%	27	0,4%	1	0,4%	19	15,0%	20	5,5%
Service Ships	2	0,0%	19	3,4%	21	0,3%	1	0,4%	13	10,2%	14	3,9%
Tugs												
Leisure Vessels												
Total	6 046	100%	565	100%	6 611	100%	236	100%	127	100%	363	100%

Source: Equasis processed by EMSA - ⁽¹⁾ 25.000 ≤ GT < 60.000Table 153 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and IGP&I – 2004/2006

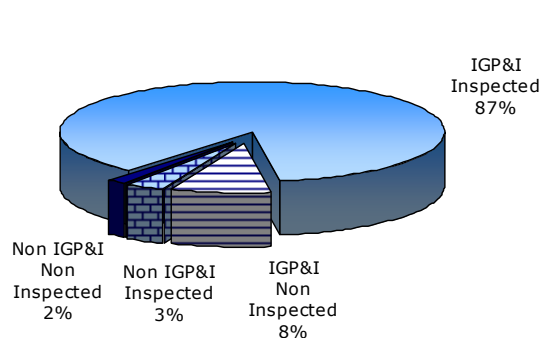
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	5 511	2,4%	83	0,4%	5 593	2,3%	66	0,8%			66	0,5%
Specialized Cargo Ships	1 030	0,5%			1 030	0,4%	39	0,4%	76	1,7%	115	0,9%
Container Ships	46 927	20,7%	2 347	10,8%	49 274	19,8%	1 135	13,2%	173	4,0%	1 308	10,1%
Ro-Ro Cargo Ships	21 466	9,5%	1 163	5,4%	22 629	9,1%	344	4,0%	154	3,5%	498	3,8%
Bulk Carriers	83 418	36,8%	4 883	22,6%	88 300	35,5%	4 651	54,2%	1 626	37,3%	6 277	48,5%
Oil and Chemical Tankers	55 568	24,5%	8 886	41,0%	64 453	25,9%	1 823	21,2%	952	21,8%	2 775	21,4%
Gas Tankers	5 803	2,6%	923	4,3%	6 726	2,7%	339	4,0%	79	1,8%	419	3,2%
Other Tankers	66	0,0%			66	0,0%	30	0,4%			30	0,2%
Passenger Ships	7 005	3,1%	1 382	6,4%	8 387	3,4%	87	1,0%	169	3,9%	257	2,0%
Offshore Vessels	68	0,0%	1 220	5,6%	1 288	0,5%	33	0,4%	730	16,7%	763	5,9%
Service Ships	87	0,0%	763	3,5%	850	0,3%	36	0,4%	402	9,2%	439	3,4%
Tugs												
Leisure Vessels												
Total	226 948	100%	21 649	100%	248 597	100%	8 583	100%	4 363	100%	12 947	100%

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

Graph 142 - Total number of large ships without inspection record, by IGP&I – 2004/2006



Graph 143 - Gross tonnage of large ships without inspection record, by IGP&I – 2004/2006



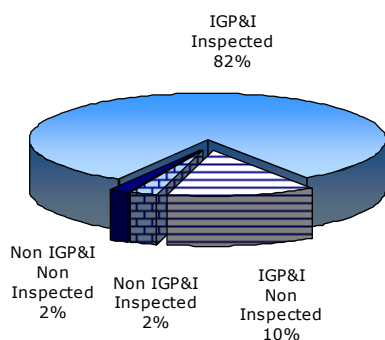
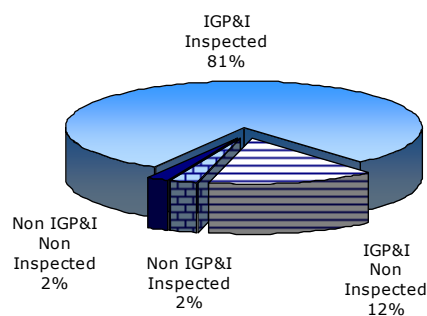
VERY LARGE SHIPS

Table 154 - Total number of very large⁽¹⁾ ships without inspection record, by type and IGP&I – 2004/2006

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	430	19,5%	25	6,8%	455	17,7%	18	26,9%	2	4,2%	20	17,4%
Ro-Ro Cargo Ships	45	2,0%	3	0,8%	48	1,9%	2	3,0%			2	1,7%
Bulk Carriers	697	31,7%	29	7,9%	726	28,3%	15	22,4%	6	12,5%	21	18,3%
Oil and Chemical Tankers	793	36,0%	180	49,3%	973	37,9%	25	37,3%	15	31,3%	40	34,8%
Gas Tankers	141	6,4%	52	14,2%	193	7,5%	1	1,5%	2	4,2%	3	2,6%
Other Tankers												
Passenger Ships	89	4,0%	3	0,8%	92	3,6%	3	4,5%			3	2,6%
Offshore Vessels	6	0,3%	67	18,4%	73	2,8%	3	4,5%	23	47,9%	26	22,6%
Service Ships	1	0,0%	6	1,6%	7	0,3%						
Tugs												
Total	2 202	100%	365	100%	2 567	100%	67	100%	48	100%	115	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000**Table 155 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and IGP&I – 2004/2006**

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships												
Container Ships	33 192	15,8%	2 255	5,6%	35 447	14,2%	1 408	22,7%	185	3,4%	1 592	13,7%
Ro-Ro Cargo Ships	2 865	1,4%	193	0,5%	3 059	1,2%	125	2,0%			125	1,1%
Bulk Carriers	60 415	28,8%	2 757	6,9%	63 172	25,3%	1 338	21,6%	506	9,3%	1 845	15,9%
Oil and Chemical Tankers	91 013	43,4%	21 811	54,4%	112 824	45,1%	2 649	42,7%	1 816	33,4%	4 466	38,4%
Gas Tankers	13 677	6,5%	5 458	13,6%	19 136	7,7%	104	1,7%	216	4,0%	319	2,7%
Other Tankers												
Passenger Ships	7 946	3,8%	284	0,7%	8 230	3,3%	257	4,1%			257	2,2%
Offshore Vessels	738	0,4%	6 925	17,3%	7 664	3,1%	322	5,2%	2 711	49,9%	3 032	26,1%
Service Ships	69	0,0%	426	1,1%	496	0,2%						
Tugs												
Total	209 916	100%	40 110	100%	250 027	100%	6 203	100%	5 434	100%	11 636	100%

Source: Equasis processed by EMSA - ⁽¹⁾GT≥60.000 - ⁽²⁾Inspections in the period 2004/2006**Graph 144 - Total number of very large ships without inspection record, by IGP&I – 2004/2006****Graph 145 - Gross tonnage of very large ships without inspection record, by IGP&I – 2004/2006**

Chapter 6

6. Trade associations and Industry Vetting Programmes

INTRODUCTION

Several professional maritime trade associations and industry vetting programs 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 ships types covered by each body are as follows:

Trade Associations

- | | |
|-----------------|--|
| 1. Intertanko | Oil & chemical tankers
Gas carriers |
| 2. Intercargo | Bulk carriers
General cargo ships |
| 3. Green Awards | 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 relevant scheme.

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 is the one 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.

Just over 1000 ships do not have a company recorded and are counted as belonging to a unique company. The real figure for one-ship companies in Table 164 is therefore likely to be lower.

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 and USCG regions in 2006.

RESULTS

Table 156 indicates that a majority of relevant ships are not covered by the trade associations and industry vetting programs providing data to Equasis. However, of the large and very large oil, chemical and gas tankers just over a half (1583 out of 3070) are covered by Intertanko while nearly 90% are covered by OCIMF (2727 out of 3070). OCIMF also covers around 40% of medium-sized oil, chemical and gas tankers (2741 out of 6751).

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 three regimes providing data to Equasis than those ships not covered – for example, large ships covered by Intertanko were each inspected on average 1.65 times (1642 inspections of 993 ships) compared with 1.17 times (1014 inspection of 868) for the relevant ship types not covered by Intertanko.

Table 158 indicates that ships covered by a trade associations or industry vetting program were detained less often than those not covered. For example the detention rate of inspected ships covered by Intercargo was 1.7% compared with 6.0% for the relevant ships types not covered. There is a similar picture for ships covered by Intertanko, Green Award, CDI and OCIMF. This trend is more or less repeated over all ship sizes and among the very large fleet just 8 detentions (0.4%) resulted from the 2028 inspections of ships covered (Table 161).

Table 162 shows that just under a half (48.7%) of companies operate just one ship. Over 80% operate five or fewer, although these companies account for 34.5% 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 more than 100 ships the proportion is 24.1% compared with the average of 48.1%.

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 2% while one- and two-ship companies had rates of 11.96% and 9.52% respectively.

6.1. SCHEME STATUS

Table 156 - Total number of ships, by size and vetting program and trade associations – 2006

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	987	5 783	993	868	590	619	2 570	7 270
% of Total	38,4%	79,5%	38,6%	11,9%	23,0%	8,5%		
Intercargo	188	15 927	441	2 465	123	624	752	19 016
% of Total	25,0%	83,8%	58,6%	13,0%	16,4%	3,3%		
Green Award	10	5 861	79	1 612	105	1 691	194	9 164
% of Total	5,2%	64,0%	40,7%	17,6%	54,1%	18,5%		
CDI	1 337	5 414	154	1 707	0	1 209	1 491	8 330
% of Total	89,7%	65,0%	10,3%	20,5%	0,0%	14,5%		
OCIMF	2 741	4 010	1 643	218	1 084	125	5 468	4 353
% of Total	50,1%	92,1%	30,0%	5,0%	19,8%	2,9%		

Source: Equasis processed by EMSA / ⁽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 program and trade associations – 2006

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	12 514	25 898	40 214	34 159	67 927	68 818	120 655	128 875
% of Total	10,4%	20,1%	33,3%	26,5%	56,3%	53,4%		
Intercargo	3 402	96 316	15 009	85 228	10 552	54 465	28 963	236 008
% of Total	11,7%	40,8%	51,8%	36,1%	36,4%	23,1%		
Green Award	234	33 995	3 871	63 358	11 671	67 229	15 776	164 582
% of Total	1,5%	20,7%	24,5%	38,5%	74,0%	40,8%		
CDI	11 183	27 229	5 240	69 134	0	136 745	16 423	233 108
% of Total	68,1%	11,7%	31,9%	29,7%	0,0%	58,7%		
OCIMF	24 283	14 129	66 094	8 279	123 305	13 440	213 683	35 848
% of Total	11,4%	39,4%	30,9%	23,1%	57,7%	37,5%		

Source: Equasis processed by EMSA / ⁽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^(*) – 2006

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1,4%	2,8%	2,2%	54	144	198	3 737	5 135	8 872
in % of total				27,3%	72,7%		42,1%	57,9%	
Intercargo	1,7%	6,0%	5,7%	31	1 750	1 781	1 783	29 308	31 091
in % of total				1,7%	98,3%		5,7%	94,3%	
Green Award	0,0%	2,4%	2,3%	0	177	177	289	7 448	7 737
in % of total					100,0%		3,7%	96,3%	
CDI	1,6%	2,6%	2,3%	38	160	198	2 321	6 172	8 493
in % of total				19,2%	80,8%		27,3%	72,7%	
OCIMF	1,6%	3,5%	1,9%	119	54	173	7 308	1 564	8 872
in % of total				68,8%	31,2%		82,4%	17,6%	

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

Table 159 - Safety performance of medium⁽¹⁾ ships, by inspections and detentions rates^(*) – 2006

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	2,0%	3,5%	3,0%	29	127	156	1 478	3 651	5 129
in % of total				18,6%	81,4%		28,8%	71,2%	
Intercargo	2,1%	6,8%	6,7%	10	1 561	1 571	483	23 098	23 581
in % of total				0,6%	99,4%		2,0%	98,0%	
Green Award	0,0%	3,2%	3,2%	0	140	140	17	4 381	4 398
in % of total				0,0%	100%		0,4%	99,6%	
CDI	1,6%	4,5%	3,3%	32	124	156	2 012	2 738	4 750
in % of total				20,5%	79,5%		42,4%	57,6%	
OCIMF	3,0%	3,2%	3,0%	109	47	156	3 670	1 459	5 129
in % of total				69,9%	30,1%		71,6%	28,4%	

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

Table 160 - Safety performance of large⁽¹⁾ ships, by inspections and detentions rates^(*) – 2006

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1,3%	1,5%	1,4%	21	15	36	1 642	1 014	2 656
in % of total				58,3%	41,7%		61,8%	38,2%	
Intercargo	1,6%	2,9%	2,7%	17	152	169	1 087	5 192	6 279
in % of total				10,1%	89,9%		17,3%	82,7%	
Green Award	0,0%	1,3%	1,3%	0	31	31	131	2 322	2 453
in % of total				0,0%	100%		5,3%	94,7%	
CDI	1,9%	1,3%	1,4%	6	30	36	309	2 347	2 656
in % of total				16,7%	83,3%		11,6%	88,4%	
OCIMF	0,4%	9,3%	0,6%	10	7	17	2 581	75	2 656
in % of total				58,8%	41,2%		97,2%	2,8%	

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

Table 161 - Safety performance of very large⁽¹⁾ ships, by inspections and detentions rates^(*) - 2006

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0,6%	0,4%	0,6%	4	2	6	617	470	1 087
in % of total				66,7%	33,3%		56,8%	43,2%	
Intercargo	1,9%	3,6%	3,3%	4	37	41	213	1 018	1 231
in % of total				9,8%	90,2%		17,3%	82,7%	
Green Award	0,0%	0,8%	0,7%	0	6	6	141	745	886
in % of total				0,0%	100,0%		15,9%	84,1%	
CDI		0,6%	0,6%	0	6	6	0	1 087	1 087
in % of total				0,0%	100,0%		0,0%	100%	
OCIMF	0,0%	0,0%	0,0%	0	0	0	1 057	30	1 087
in % of total							97,2%	2,8%	

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

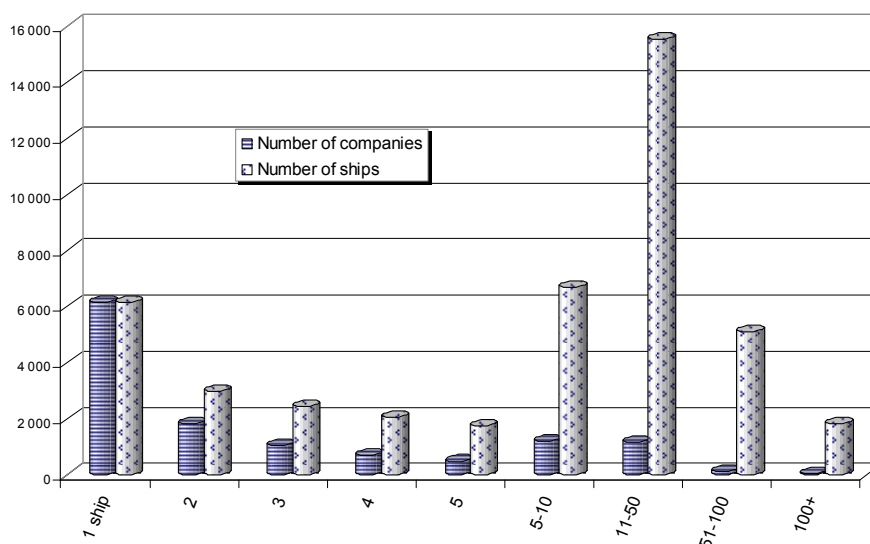
6.3. COMPANY PERFORMANCE

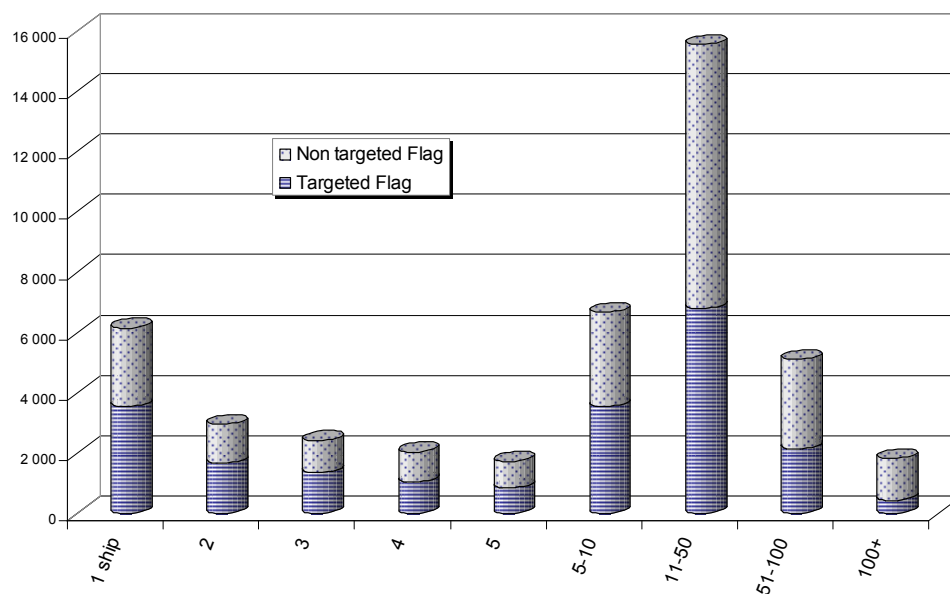
Table 162 - Total number of companies and ships, by fleet size and flag – 2006

Company fleet size (by number of ships GT≥100)	Number of companies ⁽¹⁾		Number of ships ⁽²⁾		Number of ships under targeted flag ⁽²⁾		Total share of ships under targeted flag ⁽³⁾
1 ship	6 146	48,7%	6 146	13,8%	3 537	16,6%	57,5%
2	1 800	14,3%	2 964	6,7%	1 651	7,7%	55,7%
3	1 056	8,4%	2 424	5,5%	1 365	6,4%	56,3%
4	675	5,3%	2 036	4,6%	1 053	4,9%	51,7%
5	479	3,8%	1 724	3,9%	841	3,9%	48,8%
6-10	1 202	9,5%	6 671	15,0%	3 533	16,5%	53,0%
11-50	1 143	9,1%	15 552	35,0%	6 800	31,8%	43,7%
51-100	100	0,8%	5 107	11,5%	2 149	10,1%	42,1%
100+	21	0,2%	1 812	4,1%	437	2,0%	24,1%
Total	12 622	100%	44 436	100%	21 366	100%	48,1%

Source: Equasis processed by EMSA - ⁽¹⁾ Of which 1.087 unknown companies counted as 1 ship company - ⁽²⁾ Ships GT≥500
⁽³⁾ Within the same company fleet size category

Graph 146 - Total number of companies and ships GT≥500, by fleet size – 2006

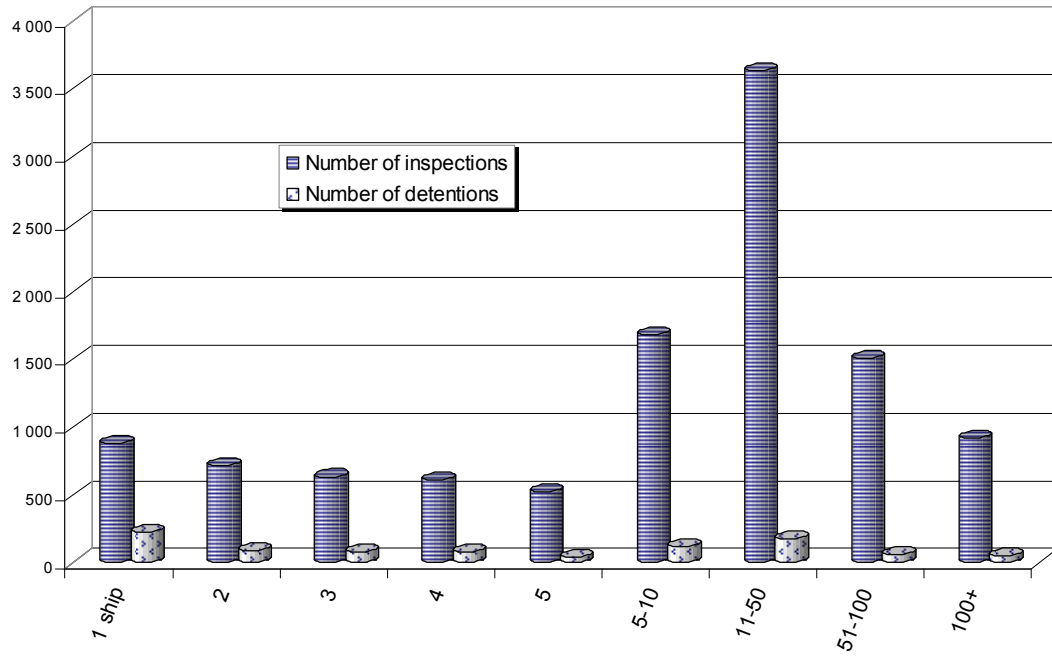


Graph 147 - Total number of companies and ships GT≥500, by fleet size and flag – 2006**Table 163 - Total number of inspections and detention rates^(*), by company fleet size – 2006**

Company fleet size (by number of ships GT≥100)	Number of inspections		Number of detentions		% of ships detained ⁽¹⁾
	Count	Rate	Count	Rate	
1 ship	3 586	6,9%	429	18,6%	11,96%
2	2 753	5,3%	262	11,4%	9,52%
3	2 578	4,9%	211	9,2%	8,18%
4	2 399	4,6%	137	5,9%	5,71%
5	1 861	3,6%	112	4,9%	6,02%
5-10	8 469	16,2%	389	16,9%	4,59%
11-50	21 148	40,6%	572	24,8%	2,70%
51-100	7 474	14,3%	148	6,4%	1,98%
100+	1 882	3,6%	44	1,9%	2,34%
Total	52 150	100%	2 304	100%	4,42%

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

Graph 148 - Total number of inspections and detention, by fleet size – 2006



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 2006

The flags listed below appeared on at least one of the targeted flag lists used in 2006 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 15/INF.3 dated 30 March 2007. Further details are included in the respective Annual Reports for 2003, 2004 and 2005.

<u>A</u>	Antigua and Barbuda Antilles Netherlands	<u>L</u>	Lebanon
<u>B</u>	Bangladesh Belize Bolivia Brazil	<u>M</u>	Malaysia Malta Mexico Mongolia Myanmar
<u>C</u>	Cambodia Comoros Croatia Cyprus	<u>P</u>	Panama Papua New Guinea Portugal
<u>D</u>	Dominica	<u>R</u>	Russian Federation
<u>E</u>	Egypt	<u>S</u>	Slovakia St Vincent and Grenadines Syrian Arab Republic
<u>F</u>	France	<u>T</u>	Taiwan Thailand Tonga Turkey Tuvalu
<u>G</u>	Georgia Gibraltar	<u>U</u>	Ukraine
<u>H</u>	Honduras	<u>V</u>	Venezuela Vietnam
<u>I</u>	Indonesia Italy		
<u>K</u>	Korea Democratic Republic		