



**The world merchant fleet
in 2010**

Statistics from Equasis

Table of content

1.	Themes and Tables	3
2.	The Merchant Fleet Population	5
2.1.	Whole fleet	6
2.2.	Ships by age	7
2.3.	Ships by flag	12
3.	Classification Societies	16
3.1.	Class status	18
3.2.	Class status and age	22
3.3.	Class status and flag	38
3.4.	Safety performance.....	46
4.	P&I.....	48
4.1.	P&I status	50
4.2.	IGP&I and age.....	54
4.3.	Non IGP&I and age	58
4.4.	P&I and flag	62
4.5.	Safety performance.....	66
5.	Port State Control	68
5.1.	Inspection Frequency between 2008 and 2010	69
5.2.	Ships without inspection record between 2008 and 2010	74
5.3.	Ships without inspection record between 2008 and 2010 - by age.....	75
5.4.	Ships without inspection record between 2008 and 2010 - by class.....	79
5.5.	Ships without inspection record between 2008 and 2010 - by flag	83
5.6.	Ships without inspection record between 2008 and 2010 - by IGP&I	87
6.	Trade Associations and Industry Vetting Programmes	91
6.1.	Scheme status.....	93
6.2.	Safety performance.....	94
6.3.	Company performance	96
	Annexes	98
Annex I.	Ship type aggregations	98
Annex II.	Targeted Flag States 2010	99

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

OVERVIEW

Equasis is populated with most of the world's merchant ships. Basic ship particulars are derived from the commercial database of IHS Fairplay. 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.

SIZE

By size ships are grouped into four categories:

1. Small ships 100 GT to 499 GT
2. Medium ships 500 GT to 24.999 GT
3. Large ships 25.000 GT to 59.999 GT
4. Very Large ships ≥ 60.000 GT

The "small ships" category above 100 GT reflects the main tonnage threshold for merchant ships to comply with the SOLAS convention. This category also includes many ships which do not trade internationally and therefore are not covered by the conventions or the Port State regimes. A significant proportion is also too small to be covered by

classification societies and the vetting and trading organisations. They have therefore been excluded from most of the analysis in order to avoid distortion of the totals for ships which are generally covered by the conventions, the Port State Control regimes and the other organisations. Small ships are included in Chapter 1 and Chapter 2.1 to 2.3, to cover the whole fleet population, and in the multiple inspection figures in Chapter 5.1.

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

TYPE

Equasis uses over 100 descriptions of ship type. For this report these types have been aggregated into 12 main types as follows:

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

The ship types used are those which are used and provided by IHS Fairplay. These descriptions are not necessarily those used by PSC organisations during inspections.

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

A table showing this aggregation is provided in Annex I.

2010, these six countries represented about 91% of all inspections carried out within the Indian Ocean MoU.

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 2010 by the three port state control regimes which feed their inspection results to Equasis (Paris MoU, Tokyo MoU and USCG [safety targeting]). Indian Ocean MoU (IO MoU) is also providing its inspection results to Equasis but without using a targeted flag list.

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

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

Further details are included in the list of the respective regimes’ Port State Control Annual Reports. A list of the flags is provided in Annex II.

SOURCE OF INFORMATION

Equasis is fed by more than 40 data providers divided in six categories: core ship and company data, PSC regimes, classification societies, P&I clubs, associations or vetting programs and other international organisations. Almost all these sources are used in this document to a greater or lesser extent.

As to PSC information, it should be noted that not all inspections within the Indian Ocean MoU are reported in Equasis. Only inspections from Australia, India, Iran, South Africa, Sri Lanka and Mauritius are therefore considered in these statistics. In

Chapter 2

2. The Merchant 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 (84%) by small and medium sized ships up to 24.999 GT. Small ships alone represent 36% by number, although only 1% by tonnage. Many of the small ships are not subject to international conventions on safety and pollution prevention because of their size or because they do not trade internationally.

General cargo ships are the most common type by number, at 23.4% 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 76% of the Equasis fleet (Graph 2), with oil and chemical tankers and bulk carriers dominating both categories at 66.2% (large) and 62.8% (very large) respectively.

Table 3 shows that over half (56.7%) 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 74.5% (large) and 83.3% (very large), respectively, are less than 15 years old. The large and very large ships dominate the most modern fleet with 82.9%, by tonnage, of the fleet below 4 years of age (Graph 4). At the other end of the age scale, large and very large ships over 25

years old account for just 3.2% by number but 37% by tonnage.

Graph 13 shows that under half (43%) of the total number of ships is associated with a targeted flag. Whilst graphs 15 to 20 show that the proportion of ships under a targeted flag decreases with size: 45% for the medium sized ship category, 36% for large and 33% for very large.

By tonnage, the overall split shows 36% of the tonnage associated with targeted flags, and 64% not (graph 14).

Table 13 shows that 35.8% of the ships associated with targeted flags are of type general cargo, while passenger ships, make up just 3.4% of the ships associated with targeted flags.

2.1. WHOLE FLEET

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

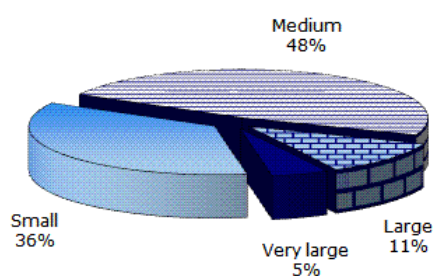
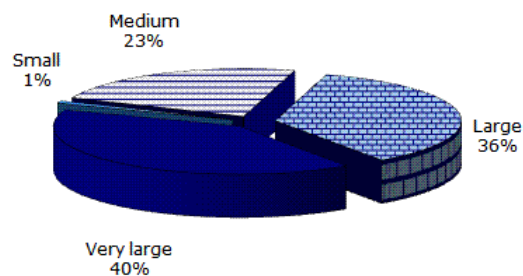
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4 951	17,8%	12 999	35,0%	228	2,6%			18 178	23,4%
Specialized Cargo Ships	17	0,1%	181	0,5%	48	0,5%	1	0,0%	247	0,3%
Container Ships	17	0,1%	2 417	6,5%	1 663	18,6%	772	20,1%	4 869	6,3%
Ro-Ro Cargo Ships	28	0,1%	843	2,3%	559	6,3%	126	3,3%	1 556	2,0%
Bulk Carriers	394	1,4%	3 650	9,8%	3 702	41,5%	1 174	30,6%	8 920	11,5%
Oil and Chemical Tankers	1 976	7,1%	6 595	17,7%	2 205	24,7%	1 238	32,2%	12 014	15,4%
Gas Tankers	46	0,2%	995	2,7%	192	2,2%	319	8,3%	1 552	2,0%
Other Tankers	127	0,5%	29	0,1%					156	0,2%
Passenger Ships	3 430	12,3%	2 554	6,9%	268	3,0%	130	3,4%	6 382	8,2%
Offshore Vessels	2 129	7,6%	4 022	10,8%	50	0,6%	82	2,1%	6 283	8,1%
Service Ships	1 815	6,5%	2 024	5,4%	15	0,2%			3 854	5,0%
Tugs	12 901	46,4%	856	2,3%					13 757	17,7%
Total	27 831	100%	37 165	100%	8 930	100%	3 842	100%	77 768	100%

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

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 650	22,0%	54 937	25,5%	6 937	2,1%			63 525	6,8%
Specialized Cargo Ships	6	0,1%	1 421	0,7%	1 761	0,5%	64	0,0%	3 252	0,3%
Container Ships	7	0,1%	28 359	13,2%	64 106	19,1%	65 641	17,5%	158 112	16,9%
Ro-Ro Cargo Ships	11	0,1%	7 918	3,7%	25 712	7,7%	8 063	2,1%	41 704	4,5%
Bulk Carriers	151	2,0%	51 107	23,7%	132 029	39,4%	109 619	29,2%	292 906	31,4%
Oil and Chemical Tankers	645	8,6%	39 119	18,2%	83 949	25,1%	137 023	36,5%	260 735	27,9%
Gas Tankers	18	0,2%	5 397	2,5%	8 374	2,5%	34 371	9,2%	48 159	5,2%
Other Tankers	34	0,5%	40	0,0%					75	0,0%
Passenger Ships	856	11,4%	11 420	5,3%	9 445	2,8%	12 379	3,3%	34 100	3,7%
Offshore Vessels	599	8,0%	8 421	3,9%	2 206	0,7%	8 022	2,1%	19 248	2,1%
Service Ships	483	6,5%	6 205	2,9%	554	0,2%			7 241	0,8%
Tugs	3 031	40,5%	848	0,4%					3 879	0,4%
Total	7 490	100%	215 192	100%	335 072	100%	375 182	100%	932 935	100%

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

Graph 1 - World fleet : total number of ships, by size**Graph 2 - World fleet : gross tonnage, by size**

2.2. SHIPS BY AGE

WORLD FLEET

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

Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
0-4 years old	3 704	13,3%	7 343	19,8%	3 317	37,1%	1 723	44,8%	16 087	20,7%
5-14 years old	5 263	18,9%	7 478	20,1%	3 342	37,4%	1 481	38,5%	17 564	22,6%
15-24 years old	5 612	20,2%	6 959	18,7%	1 459	16,3%	503	13,1%	14 533	18,7%
+25 years old	13 252	47,6%	15 385	41,4%	812	9,1%	135	3,5%	29 584	38,0%
Total	27 831	100%	37 165	100%	8 930	100%	3 842	100%	77 768	100%

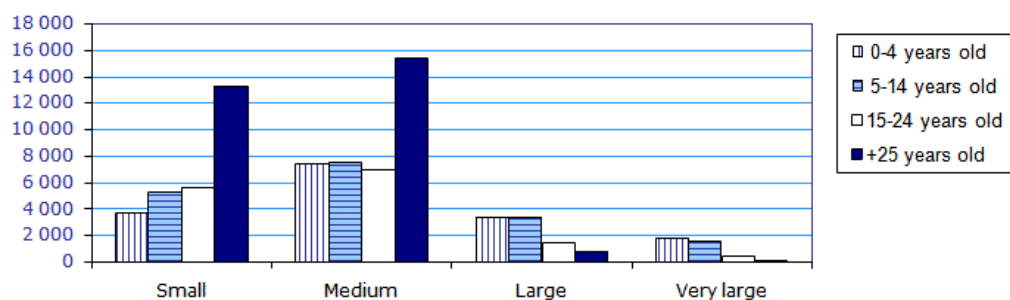
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

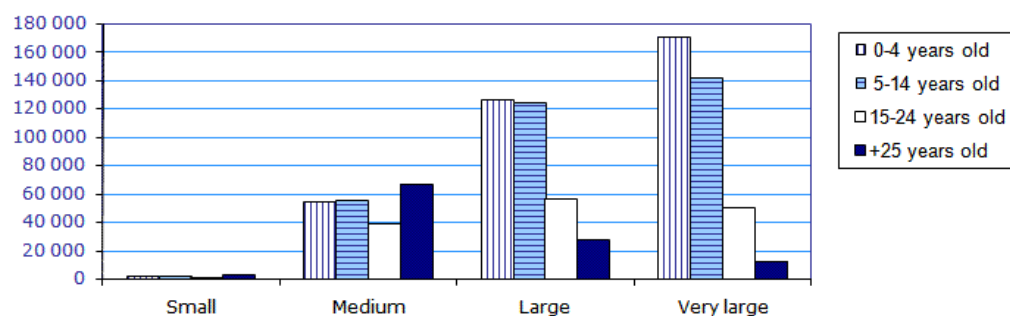
Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
0-4 years old	1 103	14,7%	53 566	24,9%	126 016	37,6%	170 032	45,3%	350 718	37,6%
5-14 years old	1 457	19,5%	55 451	25,8%	124 431	37,1%	141 756	37,8%	323 094	34,6%
15-24 years old	1 537	20,5%	39 371	18,3%	56 492	16,9%	50 787	13,5%	148 187	15,9%
+25 years old	3 393	45,3%	66 804	31,0%	28 133	8,4%	12 606	3,4%	110 936	11,9%
Total	7 490	100%	215 192	100%	335 072	100%	375 182	100%	932 935	100%

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

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



Graph 4 - World fleet : gross tonnage (in 1000 t) by age and size



0-4 years old SHIPS

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

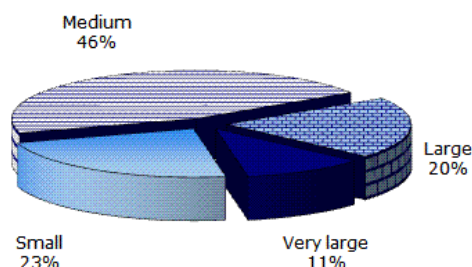
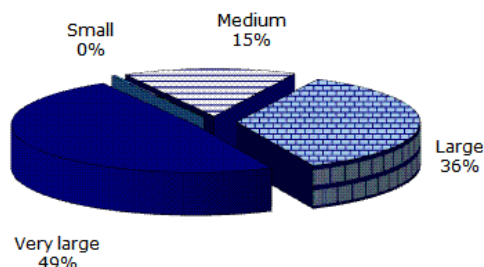
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	258	7,0%	1 719	23,4%	50	1,5%			2 027	12,6%
Specialized Cargo Ships			35	0,5%	1	0,0%			36	0,2%
Container Ships	15	0,4%	671	9,1%	648	19,5%	404	23,4%	1 738	10,8%
Ro-Ro Cargo Ships	5	0,1%	61	0,8%	220	6,6%	79	4,6%	365	2,3%
Bulk Carriers	4	0,1%	773	10,5%	1 296	39,1%	479	27,8%	2 552	15,9%
Oil and Chemical Tankers	98	2,6%	1 773	24,1%	962	29,0%	532	30,9%	3 365	20,9%
Gas Tankers	2	0,1%	232	3,2%	79	2,4%	169	9,8%	482	3,0%
Other Tankers	2	0,1%	1	0,0%					3	0,0%
Passenger Ships	192	5,2%	242	3,3%	43	1,3%	43	2,5%	520	3,2%
Offshore Vessels	412	11,1%	1 481	20,2%	13	0,4%	17	1,0%	1 923	12,0%
Service Ships	137	3,7%	185	2,5%	5	0,2%			327	2,0%
Tugs	2 579	69,6%	170	2,3%					2 749	17,1%
Total	3 704	100%	7 343	100%	3 317	100%	1 723	100%	16 087	100%

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

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	119	10,8%	10 467	19,5%	1 662	1,3%			12 248	3,5%
Specialized Cargo Ships			413	0,8%	42	0,0%			455	0,1%
Container Ships	6	0,5%	8 453	15,8%	25 060	19,9%	38 272	22,5%	71 790	20,5%
Ro-Ro Cargo Ships	2	0,2%	810	1,5%	10 344	8,2%	5 003	2,9%	16 159	4,6%
Bulk Carriers	1	0,1%	11 541	21,5%	48 443	38,4%	46 299	27,2%	106 285	30,3%
Oil and Chemical Tankers	40	3,6%	14 040	26,2%	34 647	27,5%	55 053	32,4%	103 780	29,6%
Gas Tankers	1	0,1%	1 881	3,5%	3 538	2,8%	19 487	11,5%	24 907	7,1%
Other Tankers			1	0,0%					1	0,0%
Passenger Ships	54	4,9%	1 029	1,9%	1 492	1,2%	4 751	2,8%	7 325	2,1%
Offshore Vessels	138	12,5%	3 794	7,1%	598	0,5%	1 167	0,7%	5 697	1,6%
Service Ships	38	3,4%	948	1,8%	191	0,2%			1 178	0,3%
Tugs	703	63,8%	189	0,4%					893	0,3%
Total	1 103	100%	53 566	100%	126 016	100%	170 032	100%	350 717	100%

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

Graph 5 - World fleet : total number of 0-4 years old ships, by size**Graph 6 - World fleet : gross tonnage of 0-4 years old ships by size**

5-14 YEARS OLD SHIPS

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	662	12,6%	2 070	27,7%	68	2,0%			2 800	15,9%
Specialized Cargo Ships			21	0,3%	3	0,1%			24	0,1%
Container Ships	1	0,0%	981	13,1%	661	19,8%	350	23,6%	1 993	11,3%
Ro-Ro Cargo Ships	4	0,1%	210	2,8%	169	5,1%	44	3,0%	427	2,4%
Bulk Carriers	45	0,9%	697	9,3%	1 361	40,7%	338	22,8%	2 441	13,9%
Oil and Chemical Tankers	209	4,0%	1 415	18,9%	898	26,9%	568	38,4%	3 090	17,6%
Gas Tankers	5	0,1%	250	3,3%	53	1,6%	94	6,3%	402	2,3%
Other Tankers	7	0,1%	1	0,0%					8	0,0%
Passenger Ships	712	13,5%	579	7,7%	108	3,2%	72	4,9%	1 471	8,4%
Offshore Vessels	410	7,8%	816	10,9%	17	0,5%	15	1,0%	1 258	7,2%
Service Ships	236	4,5%	314	4,2%	4	0,1%			554	3,2%
Tugs	2 972	56,5%	124	1,7%					3 096	17,6%
Total	5 263	100%	7 478	100%	3 342	100%	1 481	100%	17 564	100%

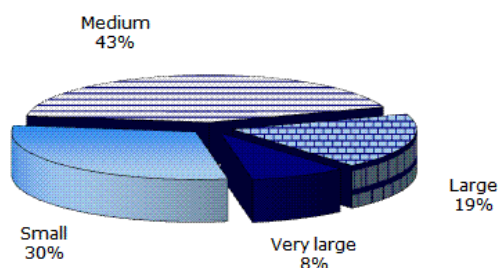
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

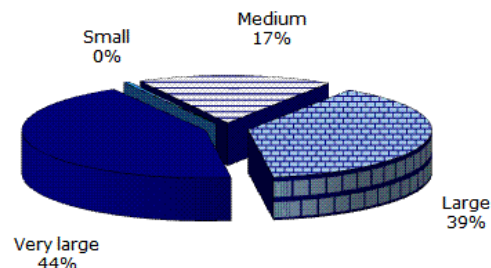
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	262	18,0%	11 188	20,2%	2 139	1,7%			13 588	4,2%
Specialized Cargo Ships			206	0,4%	120	0,1%			326	0,1%
Container Ships			11 740	21,2%	24 754	19,9%	26 238	18,5%	62 732	19,4%
Ro-Ro Cargo Ships	2	0,1%	2 614	4,7%	8 116	6,5%	2 860	2,0%	13 592	4,2%
Bulk Carriers	19	1,3%	10 024	18,1%	47 100	37,9%	29 661	20,9%	86 804	26,9%
Oil and Chemical Tankers	68	4,7%	11 984	21,6%	35 186	28,3%	65 598	46,3%	112 837	34,9%
Gas Tankers	2	0,1%	1 503	2,7%	2 261	1,8%	9 575	6,8%	13 341	4,1%
Other Tankers	2	0,1%	1	0,0%					3	0,0%
Passenger Ships	185	12,7%	2 740	4,9%	3 823	3,1%	6 562	4,6%	13 309	4,1%
Offshore Vessels	139	9,6%	1 994	3,6%	778	0,6%	1 262	0,9%	4 173	1,3%
Service Ships	56	3,9%	1 319	2,4%	154	0,1%			1 529	0,5%
Tugs	722	49,6%	138	0,2%					860	0,3%
Total	1 456	100%	55 451	100%	124 431	100%	141 756	100%	323 094	100%

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

Graph 7 - Total number of 5-14 years old ships by size



Graph 8 - Gross tonnage of 5-14 years old ships by size



15-24 YEARS OLD SHIPS

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

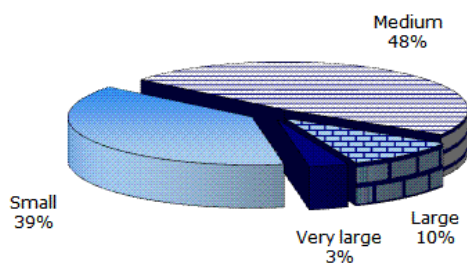
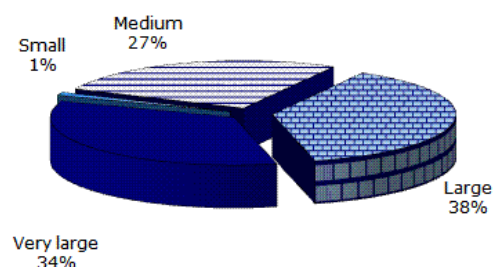
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 290	23,0%	2 749	39,5%	48	3,3%			4 087	28,1%
Specialized Cargo Ships			19	0,3%	19	1,3%	1	0,2%	39	0,3%
Container Ships			510	7,3%	269	18,4%	18	3,6%	797	5,5%
Ro-Ro Cargo Ships	6	0,1%	188	2,7%	96	6,6%			290	2,0%
Bulk Carriers	197	3,5%	602	8,7%	604	41,4%	299	59,4%	1 702	11,7%
Oil and Chemical Tankers	657	11,7%	1 319	19,0%	296	20,3%	135	26,8%	2 407	16,6%
Gas Tankers	7	0,1%	252	3,6%	35	2,4%	23	4,6%	317	2,2%
Other Tankers	23	0,4%	2	0,0%					25	0,2%
Passenger Ships	968	17,2%	608	8,7%	84	5,8%	15	3,0%	1 675	11,5%
Offshore Vessels	217	3,9%	211	3,0%	7	0,5%	12	2,4%	447	3,1%
Service Ships	396	7,1%	400	5,7%	1	0,1%			797	5,5%
Tugs	1 851	33,0%	99	1,4%					1 950	13,4%
Total	5 612	100%	6 959	100%	1 459	100%	503	100%	14 533	100%

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

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	413	26,9%	11 689	29,7%	1 397	2,5%			13 499	9,1%
Specialized Cargo Ships			117	0,3%	733	1,3%	64	0,1%	914	0,6%
Container Ships			6 028	15,3%	11 379	20,1%	1 131	2,2%	18 539	12,5%
Ro-Ro Cargo Ships	2	0,2%	1 603	4,1%	4 356	7,7%			5 962	4,0%
Bulk Carriers	82	5,4%	7 181	18,2%	21 217	37,6%	28 789	56,7%	57 270	38,6%
Oil and Chemical Tankers	208	13,5%	6 653	16,9%	12 463	22,1%	16 106	31,7%	35 430	23,9%
Gas Tankers	3	0,2%	1 219	3,1%	1 515	2,7%	2 338	4,6%	5 075	3,4%
Other Tankers	7	0,4%	1	0,0%					8	0,0%
Passenger Ships	248	16,1%	3 014	7,7%	3 067	5,4%	1 067	2,1%	7 395	5,0%
Offshore Vessels	52	3,4%	482	1,2%	334	0,6%	1 292	2,5%	2 159	1,5%
Service Ships	123	8,0%	1 284	3,3%	30	0,1%			1 437	1,0%
Tugs	400	26,0%	99	0,3%					500	0,3%
Total	1 537	100%	39 371	100%	56 492	100%	50 787	100%	148 187	100%

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

Graph 9 - Total number of 15-14 years old ships by size**Graph 10 - Gross tonnage of 15-24 years old ships by size**

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

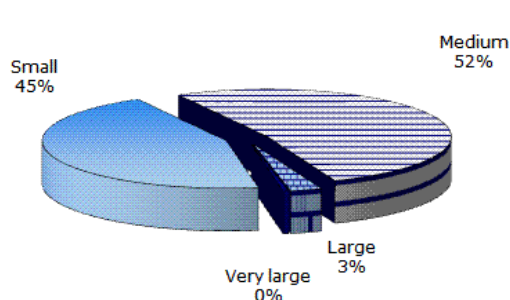
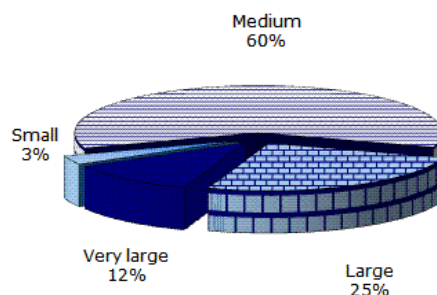
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 741	20,7%	6 461	42,0%	62	7,6%			9 264	31,3%
Specialized Cargo Ships	17	0,1%	106	0,7%	25	3,1%			148	0,5%
Container Ships	1	0,0%	255	1,7%	85	10,5%			341	1,2%
Ro-Ro Cargo Ships	13	0,1%	384	2,5%	74	9,1%	3	2,2%	474	1,6%
Bulk Carriers	148	1,1%	1 578	10,3%	441	54,3%	58	43,0%	2 225	7,5%
Oil and Chemical Tankers	1 012	7,6%	2 088	13,6%	49	6,0%	3	2,2%	3 152	10,7%
Gas Tankers	32	0,2%	261	1,7%	25	3,1%	33	24,4%	351	1,2%
Other Tankers	95	0,7%	25	0,2%					120	0,4%
Passenger Ships	1 558	11,8%	1 125	7,3%	33	4,1%			2 716	9,2%
Offshore Vessels	1 090	8,2%	1 514	9,8%	13	1,6%	38	28,1%	2 655	9,0%
Service Ships	1 046	7,9%	1 125	7,3%	5	0,6%			2 176	7,4%
Tugs	5 499	41,5%	463	3,0%					5 962	20,2%
Total	13 252	100%	15 385	100%	812	100%	135	100%	29 584	100%

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

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	856	25,2%	21 593	32,3%	1 740	6,2%			24 190	21,8%
Specialized Cargo Ships	6	0,2%	685	1,0%	866	3,1%			1 557	1,4%
Container Ships			2 137	3,2%	2 912	10,4%			5 050	4,6%
Ro-Ro Cargo Ships	5	0,1%	2 890	4,3%	2 896	10,3%	200	1,6%	5 991	5,4%
Bulk Carriers	48	1,4%	22 361	33,5%	15 269	54,3%	4 870	38,6%	42 548	38,4%
Oil and Chemical Tankers	329	9,7%	6 442	9,6%	1 651	5,9%	266	2,1%	8 689	7,8%
Gas Tankers	12	0,4%	794	1,2%	1 059	3,8%	2 970	23,6%	4 836	4,4%
Other Tankers	25	0,7%	37	0,1%					62	0,1%
Passenger Ships	369	10,9%	4 638	6,9%	1 063	3,8%			6 070	5,5%
Offshore Vessels	270	8,0%	2 152	3,2%	496	1,8%	4 301	34,1%	7 218	6,5%
Service Ships	266	7,8%	2 653	4,0%	179	0,6%			3 098	2,8%
Tugs	1 205	35,5%	422	0,6%					1 627	1,5%
Total	3 392	100%	66 804	100%	28 133	100%	12 606	100%	110 936	100%

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

Graph 11 - Total number of +25 years old ships by size**Graph 12 - Gross tonnage of +25 years old ships by size**

2.3. SHIPS BY FLAG

WHOLE FLEET GT≥500

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

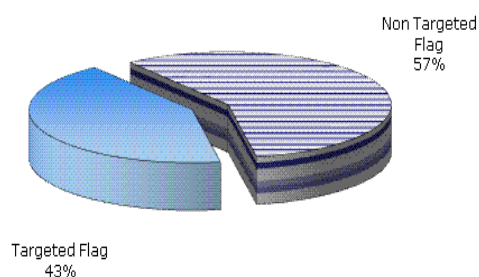
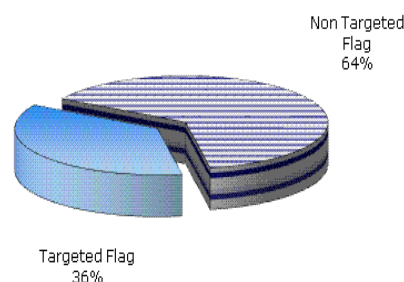
Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	7,607	35.8%	5,620	19.6%	13,227	26.5%
Specialized Cargo Ships	99	0.5%	131	0.5%	230	0.5%
Container Ships	1,632	7.7%	3,220	11.2%	4,852	9.7%
Ro-Ro Cargo Ships	693	3.3%	835	2.9%	1,528	3.1%
Bulk Carriers	4,215	19.8%	4,311	15.0%	8,526	17.1%
Oil and Chemical Tankers	3,685	17.3%	6,353	22.1%	10,038	20.1%
Gas Tankers	518	2.4%	988	3.4%	1,506	3.0%
Other Tankers	14	0.1%	15	0.1%	29	0.1%
Passenger Ships	912	4.3%	2,040	7.1%	2,952	5.9%
Offshore Vessels	1,095	5.2%	3,059	10.7%	4,154	8.3%
Service Ships	610	2.9%	1,429	5.0%	2,039	4.1%
Tugs	173	0.8%	683	2.4%	856	1.7%
Total	21,253	100%	28,684	100%	49,937	100%

Source: Equasis

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	30,658	9.2%	31,216	5.3%	61,874	6.7%
Specialized Cargo Ships	1,134	0.3%	2,112	0.4%	3,246	0.4%
Container Ships	45,311	13.5%	112,794	19.1%	158,105	17.1%
Ro-Ro Cargo Ships	19,017	5.7%	22,676	3.8%	41,693	4.5%
Bulk Carriers	139,520	41.7%	153,236	26.0%	292,756	31.6%
Oil and Chemical Tankers	71,983	21.5%	188,107	31.9%	260,090	28.1%
Gas Tankers	10,361	3.1%	37,781	6.4%	48,141	5.2%
Other Tankers	17	0.0%	23	0.0%	40	0.0%
Passenger Ships	11,042	3.3%	22,202	3.8%	33,245	3.6%
Offshore Vessels	4,145	1.2%	14,504	2.5%	18,649	2.0%
Service Ships	1,626	0.5%	5,132	0.9%	6,758	0.7%
Tugs	164	0.0%	684	0.1%	848	0.1%
Total	334,978	100%	590,468	100%	925,446	100%

Source: Equasis

Graph 13 - World fleet GT≥500: total number of ships, by flag**Graph 14 - World fleet GT≥500: gross tonnage of ships, by flag**

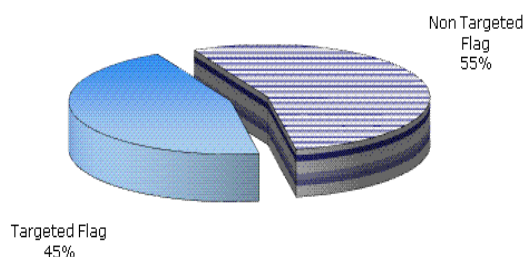
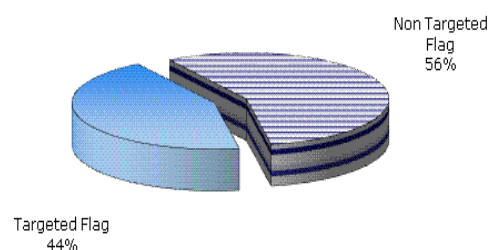
MEDIUM SHIPS

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	7,567	45.0%	5,432	26.7%	12,999	35.0%
Specialized Cargo Ships	81	0.5%	100	0.5%	181	0.5%
Container Ships	1,010	6.0%	1,407	6.9%	2,417	6.5%
Ro-Ro Cargo Ships	368	2.2%	475	2.3%	843	2.3%
Bulk Carriers	1,964	11.7%	1,686	8.3%	3,650	9.8%
Oil and Chemical Tankers	2,808	16.7%	3,787	18.6%	6,595	17.7%
Gas Tankers	395	2.3%	600	2.9%	995	2.7%
Other Tankers	14	0.1%	15	0.1%	29	0.1%
Passenger Ships	775	4.6%	1,779	8.7%	2,554	6.9%
Offshore Vessels	1,064	6.3%	2,958	14.5%	4,022	10.8%
Service Ships	607	3.6%	1,417	7.0%	2,024	5.4%
Tugs	173	1.0%	683	3.4%	856	2.3%
Total	16,826	100%	20,339	100%	37,165	100%

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	29,515	31.4%	25,422	21.0%	54,937	25.5%
Specialized Cargo Ships	493	0.5%	928	0.8%	1,421	0.7%
Container Ships	10,650	11.3%	17,709	14.6%	28,359	13.2%
Ro-Ro Cargo Ships	3,115	3.3%	4,803	4.0%	7,918	3.7%
Bulk Carriers	26,316	28.0%	24,790	20.5%	51,107	23.7%
Oil and Chemical Tankers	15,104	16.1%	24,015	19.8%	39,119	18.2%
Gas Tankers	1,924	2.0%	3,473	2.9%	5,397	2.5%
Other Tankers	17	0.0%	23	0.0%	40	0.0%
Passenger Ships	3,442	3.7%	7,978	6.6%	11,420	5.3%
Offshore Vessels	1,818	1.9%	6,603	5.5%	8,421	3.9%
Service Ships	1,537	1.6%	4,667	3.9%	6,205	2.9%
Tugs	164	0.2%	684	0.6%	848	0.4%
Total	94,096	100%	121,096	100%	215,192	100%

Source: Equasis ⁽¹⁾ 500≤GT<25.000**Graph 15 - Total number of medium ships, by flag****Graph 16 - Gross tonnage of medium ships, by flag**

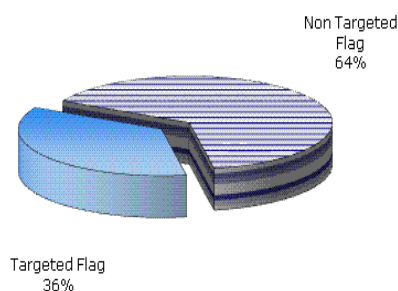
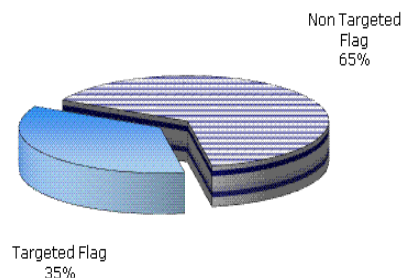
LARGE SHIPS

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	40	1.3%	188	3.3%	228	2.6%
Specialized Cargo Ships	18	0.6%	30	0.5%	48	0.5%
Container Ships	401	12.6%	1,262	21.9%	1,663	18.6%
Ro-Ro Cargo Ships	271	8.5%	288	5.0%	559	6.3%
Bulk Carriers	1,677	52.9%	2,025	35.2%	3,702	41.5%
Oil and Chemical Tankers	589	18.6%	1,616	28.1%	2,205	24.7%
Gas Tankers	69	2.2%	123	2.1%	192	2.2%
Other Tankers						
Passenger Ships	90	2.8%	178	3.1%	268	3.0%
Offshore Vessels	14	0.4%	36	0.6%	50	0.6%
Service Ships	3	0.1%	12	0.2%	15	0.2%
Tugs						
Total	3,172	100%	5,758	100%	8,930	100%

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	1,143	1.0%	5,794	2.7%	6,937	2.1%
Specialized Cargo Ships	641	0.5%	1,120	0.5%	1,761	0.5%
Container Ships	15,830	13.3%	48,276	22.3%	64,106	19.1%
Ro-Ro Cargo Ships	12,508	10.5%	13,204	6.1%	25,712	7.7%
Bulk Carriers	59,923	50.5%	72,106	33.3%	132,029	39.4%
Oil and Chemical Tankers	21,891	18.4%	62,057	28.7%	83,949	25.1%
Gas Tankers	2,963	2.5%	5,410	2.5%	8,374	2.5%
Other Tankers						
Passenger Ships	3,184	2.7%	6,261	2.9%	9,445	2.8%
Offshore Vessels	586	0.5%	1,619	0.7%	2,206	0.7%
Service Ships	88	0.1%	465	0.2%	554	0.2%
Tugs						
Total	118,759	100%	216,312	100%	335,072	100%

Source: Equasis ⁽¹⁾ 25.000≤GT<60.000**Graph 17 - Total number of large ships, by flag****Graph 18 - Gross tonnage of large ships, by flag**

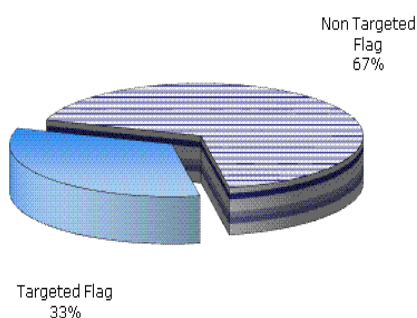
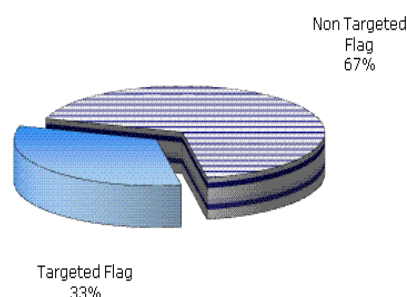
VERY LARGE SHIPS

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships			1	0.0%	1	0.0%
Container Ships	221	17.6%	551	21.3%	772	20.1%
Ro-Ro Cargo Ships	54	4.3%	72	2.8%	126	3.3%
Bulk Carriers	574	45.7%	600	23.2%	1,174	30.6%
Oil and Chemical Tankers	288	22.9%	950	36.7%	1,238	32.2%
Gas Tankers	54	4.3%	265	10.2%	319	8.3%
Other Tankers						
Passenger Ships	47	3.7%	83	3.2%	130	3.4%
Offshore Vessels	17	1.4%	65	2.5%	82	2.1%
Service Ships						
Tugs						
Total	1,255	100%	2,587	100%	3,842	100%

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships			64	0.0%	64	0.0%
Container Ships	18,831	15.4%	46,810	18.5%	65,641	17.5%
Ro-Ro Cargo Ships	3,393	2.8%	4,669	1.8%	8,063	2.1%
Bulk Carriers	53,281	43.6%	56,339	22.3%	109,619	29.2%
Oil and Chemical Tankers	34,988	28.6%	102,035	40.3%	137,023	36.5%
Gas Tankers	5,473	4.5%	28,898	11.4%	34,371	9.2%
Other Tankers						
Passenger Ships	4,416	3.6%	7,964	3.1%	12,379	3.3%
Offshore Vessels	1,741	1.4%	6,282	2.5%	8,022	2.1%
Service Ships						
Tugs						
Total	122,122	100%	253,060	100%	375,182	100%

Source: Equasis ⁽¹⁾ GT≥60.000**Graph 19 - Total number of very large ships, by flag****Graph 20 - Gross tonnage of very large ships, by flag**

Chapter 3

3. Classification Societies

INTRODUCTION

Classification societies provide technical and surveying services for the shipping industry. On the one hand, they survey the ship on behalf of the owner and issue a 'class certificate' for the ship. On the other hand, they may be mandated by flag states to undertake statutory surveys on their behalf as "recognised organisations". The main classification societies worldwide are members of the International Association of Classification Societies (IACS).

This chapter and all other tables and graphs dealing with classification societies in this publication only refer to the 'class' function; that is, they only indicate the societies that issue the class certificates for a particular ship. It does not necessarily follow that the same society is also acting as a "recognised organisation" on behalf of the ship's flag state.

In 2010, IACS consisted of 11 member societies:

- 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 classification societies which were not members of IACS. Data on class comes from 2010 IACS members and, for non IACS classification societies, the

information is supplied by IHS Fairplay when available.

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

In chapter 3.3 the fleet is analysed according to class and flag status. Flags are grouped in two categories, targeted and non-targeted. Those in the "targeted" group are the flags which appear on at least one of the targeted flag lists used in 2010 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. A list of the flags is at Annex II.

In chapter 3.4 the detention rate of ships is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MoU, Indian Ocean MoU (IO MoU) and USCG regions in 2010. All detentions are taken into account, irrespective of whether or not the deficiencies giving rise to the detention were indicated by PSC as being related to the activities of the classification society/recognised organisation.

RESULTS

Graph 21 shows that the Equasis fleet over 500 GT is dominated by ships classed by IACS members (74% by number and 95% by tonnage).

This proportion is reflected in most of the ship types although general cargo ships account for almost half of the world's fleet over 500GT that are not IACS classed (

table 21). Graphs 23 to 28 show that the IACS share increases with size, with 98% of the large and very large fleet, by number and tonnage, covered by IACS. Ships known to be covered by non-IACS members are almost all medium sized (Tables 23,25,27) (Note: it is likely that some of the ships with class not recorded are in fact covered by a non-IACS society).

As Graphs 29,37,45 and 53 show the IACS' coverage is greater among the younger fleet and tends to diminishes with age – from 92% of ships aged up to 5 years to 46% of the fleet over 25 years old.

The safety performance of the Equasis fleet over 500 GT, as measured by detention rates, shows that 3.98% of inspections resulted in detention in 2010. Those ships with an IACS class were less likely to be detained in 2010 (2.86%) than those with non-IACS members (12.69%) or with no class recorded (15.78%). This position was reflected across all ship sizes.

3.1. CLASS STATUS

WORLD FLEET GT≥500 : TOTAL NUMBER OF SHIPS, BY TYPE AND CLASS

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	7 425	20,0%	4 215	47,4%	1 587	40,6%	13 227	26,5%
Specialized Cargo Ships	174	0,5%	39	0,4%	17	0,4%	230	0,5%
Container Ships	4 630	12,5%	169	1,9%	53	1,4%	4 852	9,7%
Ro-Ro Cargo Ships	1 321	3,6%	139	1,6%	68	1,7%	1 528	3,1%
Bulk Carriers	7 391	19,9%	887	10,0%	248	6,3%	8 526	17,1%
Oil and Chemical Tankers	8 063	21,7%	1 258	14,2%	717	18,4%	10 038	20,1%
Gas Tankers	1 332	3,6%	75	0,8%	99	2,5%	1 506	3,0%
Other Tankers	12	0,0%	8	0,1%	9	0,2%	29	0,1%
Passenger Ships	1 465	3,9%	1 077	12,1%	410	10,5%	2 952	5,9%
Offshore Vessels	3 616	9,7%	284	3,2%	254	6,5%	4 154	8,3%
Service Ships	1 101	3,0%	595	6,7%	343	8,8%	2 039	4,1%
Tugs	611	1,6%	144	1,6%	101	2,6%	856	1,7%
Total	37 141	100%	8 890	100%	3 906	100%	49 937	100%

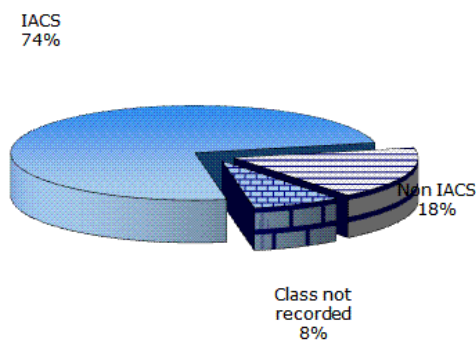
Source: Equasis - IACS membership on 31/12/2010

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

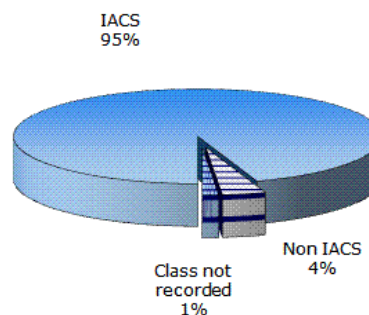
Ship Type	IACS		Non IACS		Class not recorded		Total	
	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%
General Cargo Ships	46 899	5,3%	10 372	29,6%	4 604	34,7%	61 874	6,7%
Specialized Cargo Ships	3 013	0,3%	174	0,5%	58	0,4%	3 246	0,4%
Container Ships	156 540	17,8%	1 170	3,3%	395	3,0%	158 105	17,1%
Ro-Ro Cargo Ships	40 460	4,6%	905	2,6%	328	2,5%	41 693	4,5%
Bulk Carriers	275 857	31,5%	13 272	37,9%	3 627	27,3%	292 756	31,6%
Oil and Chemical Tankers	254 709	29,0%	3 767	10,8%	1 613	12,1%	260 090	28,1%
Gas Tankers	47 644	5,4%	366	1,0%	131	1,0%	48 141	5,2%
Other Tankers	22	0,0%	9	0,0%	10	0,1%	40	0,0%
Passenger Ships	29 130	3,3%	3 068	8,8%	1 046	7,9%	33 245	3,6%
Offshore Vessels	17 280	2,0%	781	2,2%	588	4,4%	18 649	2,0%
Service Ships	4 936	0,6%	1 029	2,9%	793	6,0%	6 758	0,7%
Tugs	639	0,1%	116	0,3%	93	0,7%	848	0,1%
Total	877 129	100%	35 030	100%	13 286	100%	925 446	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 21 - World fleet GT≥500 : total number of ships, by class



Graph 22 - World fleet GT≥500 : gross tonnage of ships, by class



MEDIUM SHIPS

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

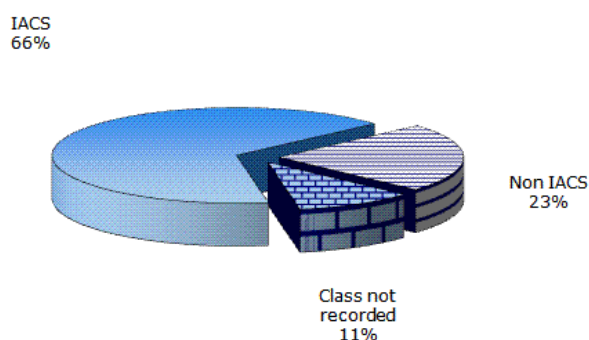
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	7 198	29,2%	4 214	48,5%	1 587	41,1%	12 999	35,0%
Specialized Cargo Ships	127	0,5%	37	0,4%	17	0,4%	181	0,5%
Container Ships	2 202	8,9%	164	1,9%	51	1,3%	2 417	6,5%
Ro-Ro Cargo Ships	644	2,6%	133	1,5%	66	1,7%	843	2,3%
Bulk Carriers	2 710	11,0%	725	8,3%	215	5,6%	3 650	9,8%
Oil and Chemical Tankers	4 639	18,8%	1 242	14,3%	714	18,5%	6 595	17,7%
Gas Tankers	824	3,3%	72	0,8%	99	2,6%	995	2,7%
Other Tankers	12	0,0%	8	0,1%	9	0,2%	29	0,1%
Passenger Ships	1 069	4,3%	1 076	12,4%	409	10,6%	2 554	6,9%
Offshore Vessels	3 493	14,2%	279	3,2%	250	6,5%	4 022	10,8%
Service Ships	1 088	4,4%	595	6,8%	341	8,8%	2 024	5,4%
Tugs	611	2,5%	144	1,7%	101	2,6%	856	2,3%
Total	24 617	100%	8 689	100%	3 859	100%	37 165	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010Table 24 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and class

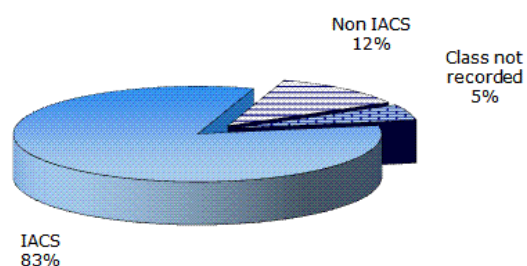
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	39 992	22,5%	10 342	40,3%	4 604	39,9%	54 937	25,5%
Specialized Cargo Ships	1 258	0,7%	105	0,4%	58	0,5%	1 421	0,7%
Container Ships	27 180	15,3%	907	3,5%	271	2,4%	28 359	13,2%
Ro-Ro Cargo Ships	7 095	4,0%	571	2,2%	252	2,2%	7 918	3,7%
Bulk Carriers	42 314	23,8%	6 174	24,0%	2 619	22,7%	51 107	23,7%
Oil and Chemical Tankers	34 662	19,5%	2 968	11,6%	1 489	12,9%	39 119	18,2%
Gas Tankers	5 091	2,9%	175	0,7%	131	1,1%	5 397	2,5%
Other Tankers	22	0,0%	9	0,0%	10	0,1%	40	0,0%
Passenger Ships	7 461	4,2%	2 938	11,4%	1 021	8,9%	11 420	5,3%
Offshore Vessels	7 798	4,4%	358	1,4%	266	2,3%	8 421	3,9%
Service Ships	4 465	2,5%	1 029	4,0%	711	6,2%	6 205	2,9%
Tugs	639	0,4%	116	0,5%	93	0,8%	848	0,4%
Total	177 975	100%	25 691	100%	11 526	100%	215 192	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010

Graph 23 - Total number of medium ships, by class



Graph 24 - Gross tonnage of medium ships, by class



LARGE SHIPS

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

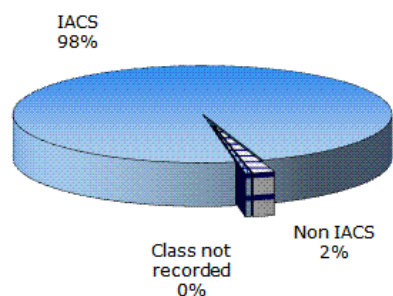
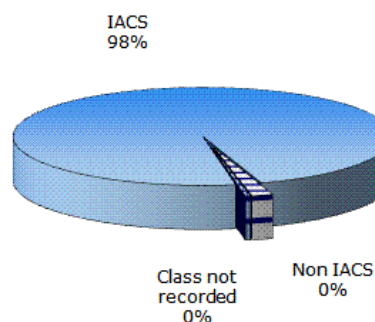
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	227	2,6%	1	0,6%			228	2,6%
Specialized Cargo Ships	46	0,5%	2	1,2%			48	0,5%
Container Ships	1 659	19,0%	3	1,8%	1	2,3%	1 663	18,6%
Ro-Ro Cargo Ships	553	6,3%	4	2,4%	2	4,5%	559	6,3%
Bulk Carriers	3 529	40,5%	140	83,8%	33	75,0%	3 702	41,5%
Oil and Chemical Tankers	2 188	25,1%	14	8,4%	3	6,8%	2 205	24,7%
Gas Tankers	190	2,2%	2	1,2%			192	2,2%
Other Tankers								
Passenger Ships	267	3,1%			1	2,3%	268	3,0%
Offshore Vessels	47	0,5%	1	0,6%	2	4,5%	50	0,6%
Service Ships	13	0,1%			2	4,5%	15	0,2%
Tugs								
Total	8 719	100%	167	100%	44	100%	8 930	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	6 907	2,1%	30	0,5%			6 937	2,1%
Specialized Cargo Ships	1 692	0,5%	69	1,1%			1 761	0,5%
Container Ships	63 969	19,5%	104	1,7%	33	2,2%	64 106	19,1%
Ro-Ro Cargo Ships	25 426	7,8%	211	3,5%	76	5,2%	25 712	7,7%
Bulk Carriers	126 070	38,5%	4 951	82,3%	1 007	69,3%	132 029	39,4%
Oil and Chemical Tankers	83 327	25,4%	497	8,3%	124	8,5%	83 949	25,1%
Gas Tankers	8 279	2,5%	94	1,6%			8 374	2,5%
Other Tankers								
Passenger Ships	9 420	2,9%			25	1,7%	9 445	2,8%
Offshore Vessels	2 040	0,6%	59	1,0%	107	7,3%	2 206	0,7%
Service Ships	471	0,1%			82	5,7%	554	0,2%
Tugs								
Total	327 602	100%	6 016	100%	1 454	100%	335 072	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

VERY LARGE SHIPS

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

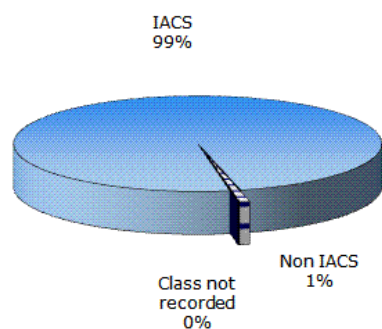
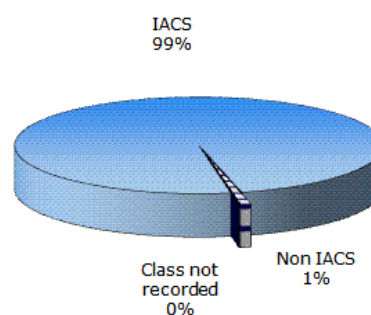
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	1	0,0%					1	0,0%
Container Ships	769	20,2%	2	5,9%	1	33,3%	772	20,1%
Ro-Ro Cargo Ships	124	3,3%	2	5,9%			126	3,3%
Bulk Carriers	1 152	30,3%	22	64,7%			1 174	30,6%
Oil and Chemical Tankers	1 236	32,5%	2	5,9%			1 238	32,2%
Gas Tankers	318	8,4%	1	2,9%			319	8,3%
Other Tankers								
Passenger Ships	129	3,4%	1	2,9%			130	3,4%
Offshore Vessels	76	2,0%	4	11,8%	2	66,7%	82	2,1%
Service Ships								
Tugs								
Total	3 805	100%	34	100%	3	100%	3 842	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	64	0,0%					64	0,0%
Container Ships	65 391	17,6%	159	4,8%	91	29,6%	65 641	17,5%
Ro-Ro Cargo Ships	7 939	2,1%	123	3,7%			8 063	2,1%
Bulk Carriers	107 473	28,9%	2 147	64,6%			109 619	29,2%
Oil and Chemical Tankers	136 720	36,8%	302	9,1%			137 023	36,5%
Gas Tankers	34 273	9,2%	98	2,9%			34 371	9,2%
Other Tankers								
Passenger Ships	12 250	3,3%	130	3,9%			12 379	3,3%
Offshore Vessels	7 442	2,0%	364	11,0%	216	70,4%	8 022	2,1%
Service Ships								
Tugs								
Total	371 552	100%	3 323	100%	306	100%	375 182	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2010

Graph 27 - Total number of very large ships, by class**Graph 28 - Gross tonnage of very large ships, by class**

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

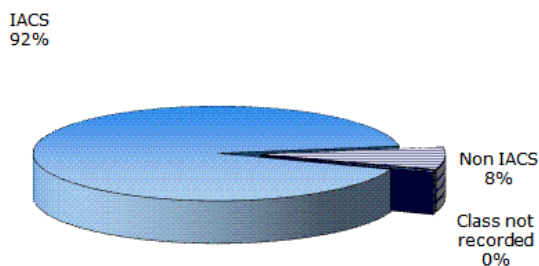
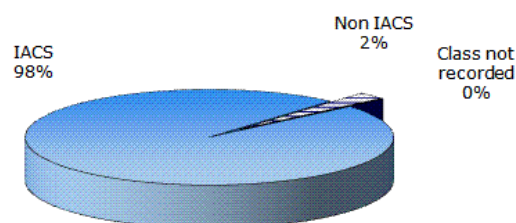
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	1 407	12,4%	356	37,8%	6	11,3%	1 769	14,3%
Specialized Cargo Ships	34	0,3%	2	0,2%			36	0,3%
Container Ships	1 692	14,9%	28	3,0%	3	5,7%	1 723	13,9%
Ro-Ro Cargo Ships	352	3,1%	8	0,8%			360	2,9%
Bulk Carriers	2 312	20,3%	228	24,2%	8	15,1%	2 548	20,6%
Oil and Chemical Tankers	3 134	27,5%	125	13,3%	8	15,1%	3 267	26,4%
Gas Tankers	471	4,1%	8	0,8%	1	1,9%	480	3,9%
Other Tankers	1	0,0%					1	0,0%
Passenger Ships	217	1,9%	98	10,4%	13	24,5%	328	2,6%
Offshore Vessels	1 450	12,7%	58	6,2%	3	5,7%	1 511	12,2%
Service Ships	159	1,4%	24	2,5%	7	13,2%	190	1,5%
Tugs	159	1,4%	7	0,7%	4	7,5%	170	1,4%
Total	11 388	100%	942	100%	53	100%	12 383	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	10 984	3,2%	1 109	13,2%	36	9,8%	12 129	3,5%
Specialized Cargo Ships	427	0,1%	28	0,3%			455	0,1%
Container Ships	71 528	21,0%	243	2,9%	14	3,7%	71 784	20,5%
Ro-Ro Cargo Ships	15 809	4,6%	348	4,1%			16 157	4,6%
Bulk Carriers	101 070	29,7%	5 125	61,1%	89	24,0%	106 283	30,4%
Oil and Chemical Tankers	103 000	30,2%	717	8,6%	23	6,2%	103 740	29,7%
Gas Tankers	24 749	7,3%	154	1,8%	3	0,8%	24 906	7,1%
Other Tankers	1	0,0%					1	0,0%
Passenger Ships	6 687	2,0%	419	5,0%	166	44,6%	7 272	2,1%
Offshore Vessels	5 372	1,6%	185	2,2%	3	0,7%	5 559	1,6%
Service Ships	1 050	0,3%	55	0,7%	35	9,3%	1 140	0,3%
Tugs	179	0,1%	7	0,1%	3	0,9%	189	0,1%
Total	340 854	100%	8 389	100%	372	100%	349 615	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 29 - World fleet GT≥500: total number of 0-4 years old ships, by class**Graph 30 - World fleet GT≥500: gross tonnage of 0-4 years old of ships, by class**

0-4 YEARS OLD MEDIUM SHIPS

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

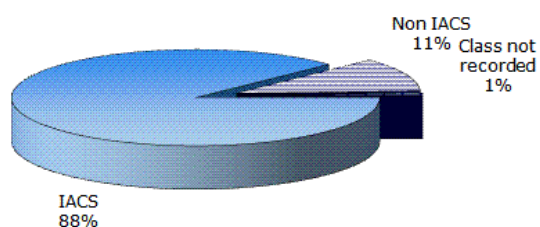
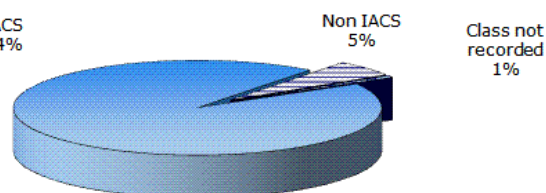
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	1 357	21,0%	356	42,4%	6	11,5%	1 719	23,4%
Specialized Cargo Ships	33	0,5%	2	0,2%			35	0,5%
Container Ships	643	10,0%	25	3,0%	3	5,8%	671	9,1%
Ro-Ro Cargo Ships	59	0,9%	2	0,2%			61	0,8%
Bulk Carriers	621	9,6%	144	17,2%	8	15,4%	773	10,5%
Oil and Chemical Tankers	1 646	25,5%	119	14,2%	8	15,4%	1 773	24,1%
Gas Tankers	225	3,5%	6	0,7%	1	1,9%	232	3,2%
Other Tankers	1	0,0%					1	0,0%
Passenger Ships	133	2,1%	97	11,6%	12	23,1%	242	3,3%
Offshore Vessels	1 421	22,0%	57	6,8%	3	5,8%	1 481	20,2%
Service Ships	154	2,4%	24	2,9%	7	13,5%	185	2,5%
Tugs	159	2,5%	7	0,8%	4	7,7%	170	2,3%
Total	6 452	100%	839	100%	52	100%	7 343	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	9 322	18,6%	1 109	37,1%	36	10,5%	10 467	19,5%
Specialized Cargo Ships	385	0,8%	28	0,9%			413	0,8%
Container Ships	8 342	16,6%	97	3,3%	14	4,0%	8 453	15,8%
Ro-Ro Cargo Ships	797	1,6%	13	0,4%			810	1,5%
Bulk Carriers	10 643	21,2%	809	27,0%	89	25,7%	11 541	21,5%
Oil and Chemical Tankers	13 617	27,1%	399	13,4%	23	6,7%	14 040	26,2%
Gas Tankers	1 818	3,6%	60	2,0%	3	0,8%	1 881	3,5%
Other Tankers	1	0,0%					1	0,0%
Passenger Ships	600	1,2%	289	9,7%	141	40,6%	1 029	1,9%
Offshore Vessels	3 667	7,3%	125	4,2%	3	0,7%	3 794	7,1%
Service Ships	859	1,7%	55	1,8%	35	10,0%	948	1,8%
Tugs	179	0,4%	7	0,2%	3	1,0%	189	0,4%
Total	50 228	100%	2 991	100%	347	100%	53 566	100%

Source: Equasis - IACS membership on 31/12/2010

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

0-4 YEARS OLD LARGE SHIPS

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

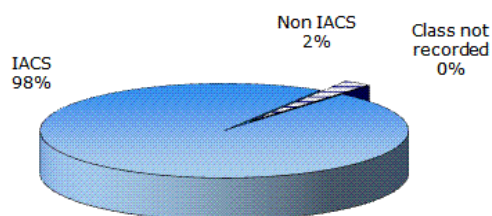
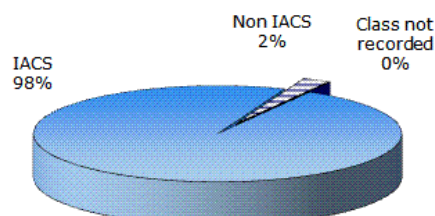
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	50	1,5%					50	1,5%
Specialized Cargo Ships	1	0,0%					1	0,0%
Container Ships	646	20,0%	2	2,6%			648	19,5%
Ro-Ro Cargo Ships	216	6,7%	4	5,1%			220	6,6%
Bulk Carriers	1 231	38,0%	65	83,3%			1 296	39,1%
Oil and Chemical Tankers	957	29,6%	5	6,4%			962	29,0%
Gas Tankers	77	2,4%	2	2,6%			79	2,4%
Other Tankers								
Passenger Ships	42	1,3%			1	100,0%	43	1,3%
Offshore Vessels	13	0,4%					13	0,4%
Service Ships	5	0,2%					5	0,2%
Tugs								
Total	3 238	100%	78	100%	1	100%	3 317	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	1 662	1,4%					1 662	1,3%
Specialized Cargo Ships	42	0,0%					42	0,0%
Container Ships	24 990	20,3%	70	2,3%			25 060	19,9%
Ro-Ro Cargo Ships	10 133	8,2%	211	7,0%			10 344	8,2%
Bulk Carriers	45 975	37,4%	2 468	82,2%			48 443	38,4%
Oil and Chemical Tankers	34 489	28,0%	158	5,3%			34 647	27,5%
Gas Tankers	3 444	2,8%	94	3,1%			3 538	2,8%
Other Tankers								
Passenger Ships	1 467	1,2%			25	100,0%	1 492	1,2%
Offshore Vessels	598	0,5%					598	0,5%
Service Ships	191	0,2%					191	0,2%
Tugs								
Total	122 990	100%	3 001	100%	25	100%	126 016	100%

Source: Equasis - IACS membership on 31/12/2010

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

0-4 YEARS OLD VERY LARGE SHIPS

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

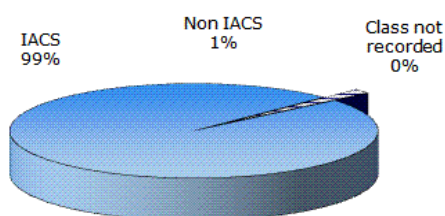
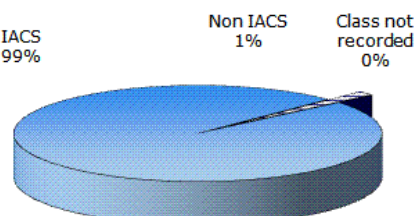
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	403	23,7%	1	4,0%			404	23,4%
Ro-Ro Cargo Ships	77	4,5%	2	8,0%			79	4,6%
Bulk Carriers	460	27,1%	19	76,0%			479	27,8%
Oil and Chemical Tankers	531	31,3%	1	4,0%			532	30,9%
Gas Tankers	169	10,0%					169	9,8%
Other Tankers								
Passenger Ships	42	2,5%	1	4,0%			43	2,5%
Offshore Vessels	16	0,9%	1	4,0%			17	1,0%
Service Ships								
Tugs								
Total	1 698	100%	25	100%	0	0%	1 723	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	38 196	22,8%	76	3,2%			38 272	22,5%
Ro-Ro Cargo Ships	4 879	2,9%	123	5,1%			5 003	2,9%
Bulk Carriers	44 452	26,5%	1 847	77,1%			46 299	27,2%
Oil and Chemical Tankers	54 893	32,7%	160	6,7%			55 053	32,4%
Gas Tankers	19 487	11,6%					19 487	11,5%
Other Tankers								
Passenger Ships	4 621	2,8%	130	5,4%			4 751	2,8%
Offshore Vessels	1 107	0,7%	60	2,5%			1 167	0,7%
Service Ships								
Tugs								
Total	167 636	100%	2 396	100%	0	0%	170 032	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 35 - Total number of 0-4 years old very large ships, by class**Graph 36 - Gross tonnage of 0-4 years old very large ships, by class**

5-14 YEARS OLD SHIPS

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

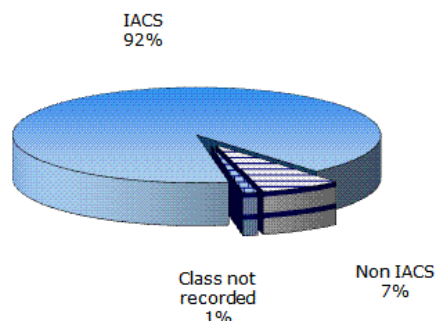
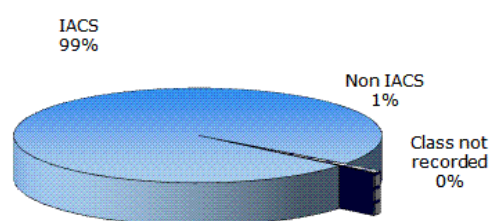
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 747	15,5%	374	42,6%	17	10,5%	2 138	17,4%
Specialized Cargo Ships	24	0,2%					24	0,2%
Container Ships	1 943	17,3%	41	4,7%	8	4,9%	1 992	16,2%
Ro-Ro Cargo Ships	413	3,7%	8	0,9%	2	1,2%	423	3,4%
Bulk Carriers	2 341	20,8%	45	5,1%	10	6,2%	2 396	19,5%
Oil and Chemical Tankers	2 791	24,8%	71	8,1%	19	11,7%	2 881	23,4%
Gas Tankers	391	3,5%	3	0,3%	3	1,9%	397	3,2%
Other Tankers			1	0,1%			1	0,0%
Passenger Ships	482	4,3%	210	23,9%	67	41,4%	759	6,2%
Offshore Vessels	815	7,2%	26	3,0%	7	4,3%	848	6,9%
Service Ships	206	1,8%	85	9,7%	27	16,7%	318	2,6%
Tugs	108	1,0%	14	1,6%	2	1,2%	124	1,0%
Total	11 261	100%	878	100%	162	100%	12 301	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	12 590	3,9%	675	29,5%	62	10,5%	13 326	4,1%
Specialized Cargo Ships	326	0,1%					326	0,1%
Container Ships	62 328	19,6%	279	12,2%	125	21,3%	62 732	19,5%
Ro-Ro Cargo Ships	13 577	4,3%	12	0,5%	2	0,4%	13 591	4,2%
Bulk Carriers	86 571	27,2%	159	6,9%	56	9,4%	86 785	27,0%
Oil and Chemical Tankers	112 550	35,3%	186	8,1%	33	5,5%	112 769	35,1%
Gas Tankers	13 331	4,2%	4	0,2%	5	0,8%	13 339	4,1%
Other Tankers			1	0,0%			1	0,0%
Passenger Ships	12 201	3,8%	733	32,1%	190	32,3%	13 124	4,1%
Offshore Vessels	3 898	1,2%	79	3,4%	57	9,6%	4 034	1,3%
Service Ships	1 273	0,4%	145	6,3%	55	9,4%	1 473	0,5%
Tugs	121	0,0%	14	0,6%	4	0,6%	138	0,0%
Total	318 765	100%	2 284	100%	588	100%	321 637	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 37 - World fleet GT≥500: total number of 5-14 years old ships, by class**Graph 38 - World fleet GT≥500: gross tonnage of 5-14 years old of ships, by class**

5-14 YEARS OLD MEDIUM SHIPS

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

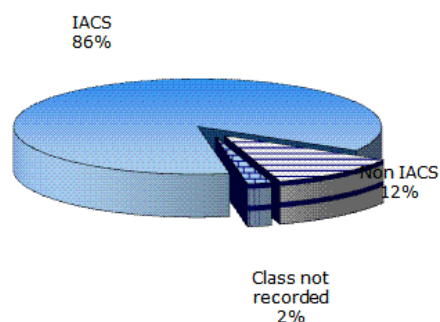
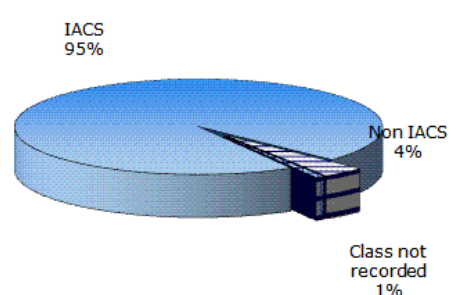
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	1 679	26,1%	374	42,8%	17	10,7%	2 070	27,7%
Specialized Cargo Ships	21	0,3%					21	0,3%
Container Ships	934	14,5%	40	4,6%	7	4,4%	981	13,1%
Ro-Ro Cargo Ships	200	3,1%	8	0,9%	2	1,3%	210	2,8%
Bulk Carriers	645	10,0%	43	4,9%	9	5,7%	697	9,3%
Oil and Chemical Tankers	1 325	20,6%	71	8,1%	19	11,9%	1 415	18,9%
Gas Tankers	244	3,8%	3	0,3%	3	1,9%	250	3,3%
Other Tankers			1	0,1%			1	0,0%
Passenger Ships	302	4,7%	210	24,0%	67	42,1%	579	7,7%
Offshore Vessels	785	12,2%	25	2,9%	6	3,8%	816	10,9%
Service Ships	202	3,1%	85	9,7%	27	17,0%	314	4,2%
Tugs	108	1,7%	14	1,6%	2	1,3%	124	1,7%
Total	6 445	100%	874	100%	159	100%	7 478	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	10 451	19,7%	675	32,3%	62	14,6%	11 188	20,2%
Specialized Cargo Ships	206	0,4%					206	0,4%
Container Ships	11 510	21,7%	196	9,4%	35	8,2%	11 740	21,2%
Ro-Ro Cargo Ships	2 600	4,9%	12	0,6%	2	0,5%	2 614	4,7%
Bulk Carriers	9 887	18,7%	108	5,2%	29	6,9%	10 024	18,1%
Oil and Chemical Tankers	11 765	22,2%	186	8,9%	33	7,7%	11 984	21,6%
Gas Tankers	1 494	2,8%	4	0,2%	5	1,1%	1 503	2,7%
Other Tankers			1	0,0%			1	0,0%
Passenger Ships	1 816	3,4%	733	35,0%	190	44,9%	2 740	4,9%
Offshore Vessels	1 965	3,7%	19	0,9%	9	2,2%	1 994	3,6%
Service Ships	1 119	2,1%	145	6,9%	55	13,1%	1 319	2,4%
Tugs	121	0,2%	14	0,7%	4	0,9%	138	0,2%
Total	52 935	100%	2 092	100%	424	100%	55 451	100%

Source: Equasis - IACS membership on 31/12/2010

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

5-14 YEARS OLD LARGE SHIPS

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

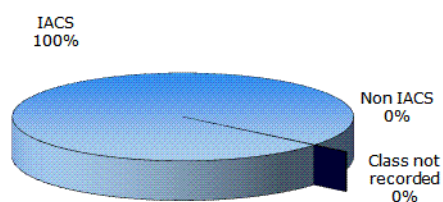
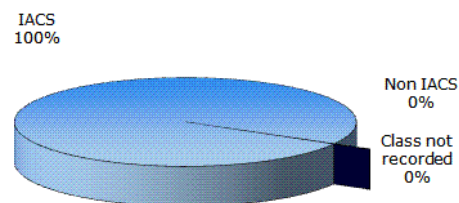
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	68	2,0%					68	2,0%
Specialized Cargo Ships	3	0,1%					3	0,1%
Container Ships	661	19,8%					661	19,8%
Ro-Ro Cargo Ships	169	5,1%					169	5,1%
Bulk Carriers	1 358	40,7%	2	66,7%	1	50,0%	1 361	40,7%
Oil and Chemical Tankers	898	26,9%					898	26,9%
Gas Tankers	53	1,6%					53	1,6%
Other Tankers								
Passenger Ships	108	3,2%					108	3,2%
Offshore Vessels	15	0,4%	1	33,3%	1	50,0%	17	0,5%
Service Ships	4	0,1%					4	0,1%
Tugs								
Total	3 337	100%	3	100%	2	100%	3 342	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	2 139	1,7%					2 139	1,7%
Specialized Cargo Ships	120	0,1%					120	0,1%
Container Ships	24 754	19,9%					24 754	19,9%
Ro-Ro Cargo Ships	8 116	6,5%					8 116	6,5%
Bulk Carriers	47 024	37,8%	50	46,0%	26	35,8%	47 100	37,9%
Oil and Chemical Tankers	35 186	28,3%					35 186	28,3%
Gas Tankers	2 261	1,8%					2 261	1,8%
Other Tankers								
Passenger Ships	3 823	3,1%					3 823	3,1%
Offshore Vessels	671	0,5%	59	54,0%	47	64,2%	778	0,6%
Service Ships	154	0,1%					154	0,1%
Tugs								
Total	124 247	100%	109	100%	74	100%	124 431	100%

Source: Equasis - IACS membership on 31/12/2010

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

5-14 YEARS OLD VERY LARGE SHIPS

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

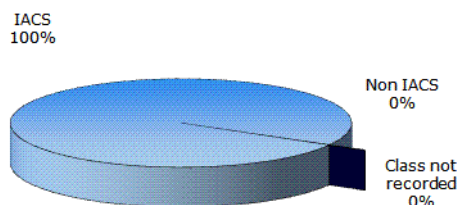
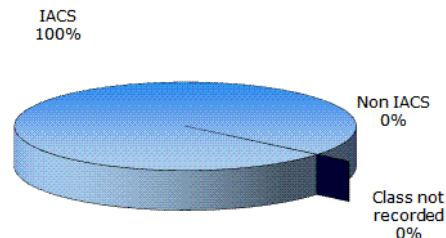
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	348	23,5%	1	100,0%	1	100,0%	350	23,6%
Ro-Ro Cargo Ships	44	3,0%					44	3,0%
Bulk Carriers	338	22,9%					338	22,8%
Oil and Chemical Tankers	568	38,4%					568	38,4%
Gas Tankers	94	6,4%					94	6,3%
Other Tankers								
Passenger Ships	72	4,9%					72	4,9%
Offshore Vessels	15	1,0%					15	1,0%
Service Ships								
Tugs								
Total	1 479	100%	1	100%	1	100%	1 481	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	26 064	18,4%	83	100,0%	91	100,0%	26 238	18,5%
Ro-Ro Cargo Ships	2 860	2,0%					2 860	2,0%
Bulk Carriers	29 661	20,9%					29 661	20,9%
Oil and Chemical Tankers	65 598	46,3%					65 598	46,3%
Gas Tankers	9 575	6,8%					9 575	6,8%
Other Tankers								
Passenger Ships	6 562	4,6%					6 562	4,6%
Offshore Vessels	1 262	0,9%					1 262	0,9%
Service Ships								
Tugs								
Total	141 582	100%	83	100%	91	100%	141 756	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 43 - Total number of 5-14 years old very large ships, by class**Graph 44 - Gross tonnage of 5-14 years old very large ships, by class**

15-24 YEARS OLD SHIPS

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

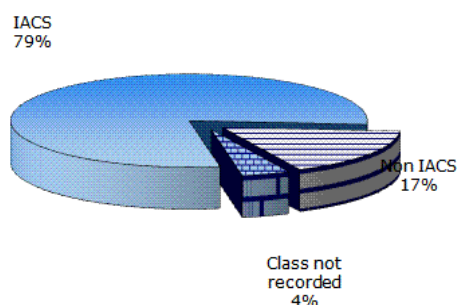
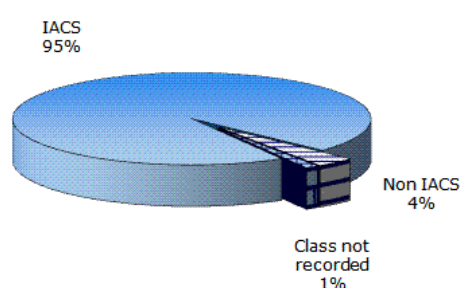
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Number	%	Number	%	Number	%	Number	%
General Cargo Ships	2 028	28,7%	676	45,7%	93	24,0%	2 797	31,4%
Specialized Cargo Ships	37	0,5%	2	0,1%			39	0,4%
Container Ships	766	10,9%	26	1,8%	5	1,3%	797	8,9%
Ro-Ro Cargo Ships	251	3,6%	23	1,6%	10	2,6%	284	3,2%
Bulk Carriers	1 311	18,6%	155	10,5%	39	10,1%	1 505	16,9%
Oil and Chemical Tankers	1 467	20,8%	202	13,6%	81	20,9%	1 750	19,6%
Gas Tankers	300	4,3%	5	0,3%	5	1,3%	310	3,5%
Other Tankers	1	0,0%	1	0,1%			2	0,0%
Passenger Ships	361	5,1%	259	17,5%	87	22,5%	707	7,9%
Offshore Vessels	206	2,9%	18	1,2%	6	1,6%	230	2,6%
Service Ships	258	3,7%	95	6,4%	48	12,4%	401	4,5%
Tugs	68	1,0%	18	1,2%	13	3,4%	99	1,1%
Total	7 054	100%	1 480	100%	387	100%	8 921	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%	GT (1000 t)	%
General Cargo Ships	11 477	8,2%	1 374	26,7%	235	13,8%	13 086	8,9%
Specialized Cargo Ships	913	0,7%	2	0,0%			914	0,6%
Container Ships	18 223	13,0%	273	5,3%	43	2,5%	18 539	12,6%
Ro-Ro Cargo Ships	5 763	4,1%	117	2,3%	79	4,7%	5 959	4,1%
Bulk Carriers	54 884	39,3%	1 593	30,9%	711	41,8%	57 187	39,0%
Oil and Chemical Tankers	34 399	24,6%	646	12,5%	177	10,4%	35 222	24,0%
Gas Tankers	5 060	3,6%	6	0,1%	6	0,4%	5 072	3,5%
Other Tankers	1	0,0%	1	0,0%			1	0,0%
Passenger Ships	6 169	4,4%	737	14,3%	241	14,2%	7 148	4,9%
Offshore Vessels	1 848	1,3%	191	3,7%	69	4,0%	2 108	1,4%
Service Ships	1 004	0,7%	190	3,7%	120	7,1%	1 314	0,9%
Tugs	60	0,0%	19	0,4%	21	1,2%	99	0,1%
Total	139 800	100%	5 148	100%	1 701	100%	146 650	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 45 - World fleet GT≥500: total number of 15-24 years old ships, by class**Graph 46 - World fleet GT≥500: gross tonnage of 15-24 years old of ships, by class**

15-24 YEARS OLD MEDIUM SHIPS

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

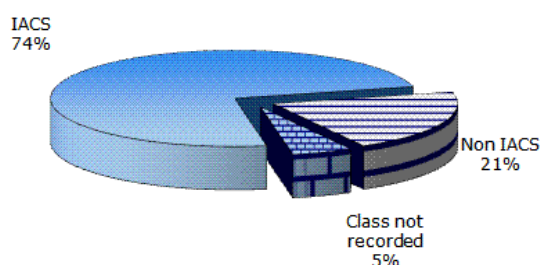
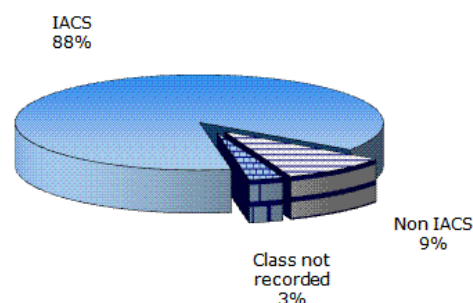
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 980	38,5%	676	46,7%	93	25,1%	2 749	39,5%
Specialized Cargo Ships	17	0,3%	2	0,1%			19	0,3%
Container Ships	480	9,3%	25	1,7%	5	1,3%	510	7,3%
Ro-Ro Cargo Ships	156	3,0%	23	1,6%	9	2,4%	188	2,7%
Bulk Carriers	446	8,7%	131	9,0%	25	6,7%	602	8,7%
Oil and Chemical Tankers	1 042	20,3%	196	13,5%	81	21,8%	1 319	19,0%
Gas Tankers	242	4,7%	5	0,3%	5	1,3%	252	3,6%
Other Tankers	1	0,0%	1	0,1%			2	0,0%
Passenger Ships	262	5,1%	259	17,9%	87	23,5%	608	8,7%
Offshore Vessels	189	3,7%	17	1,2%	5	1,3%	211	3,0%
Service Ships	257	5,0%	95	6,6%	48	12,9%	400	5,7%
Tugs	68	1,3%	18	1,2%	13	3,5%	99	1,4%
Total	5 140	100%	1 448	100%	371	100%	6 959	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	10 080	29,3%	1 374	36,9%	235	19,7%	11 689	29,7%
Specialized Cargo Ships	116	0,3%	2	0,0%			117	0,3%
Container Ships	5 747	16,7%	238	6,4%	43	3,6%	6 028	15,3%
Ro-Ro Cargo Ships	1 454	4,2%	117	3,1%	32	2,6%	1 603	4,1%
Bulk Carriers	6 196	18,0%	674	18,1%	311	26,0%	7 181	18,2%
Oil and Chemical Tankers	6 159	17,9%	317	8,5%	177	14,8%	6 653	16,9%
Gas Tankers	1 206	3,5%	6	0,2%	6	0,5%	1 219	3,1%
Other Tankers	1	0,0%	1	0,0%			1	0,0%
Passenger Ships	2 036	5,9%	737	19,8%	241	20,2%	3 014	7,7%
Offshore Vessels	425	1,2%	48	1,3%	9	0,8%	482	1,2%
Service Ships	974	2,8%	190	5,1%	120	10,1%	1 284	3,3%
Tugs	60	0,2%	19	0,5%	21	1,7%	99	0,3%
Total	34 454	100%	3 723	100%	1 194	100%	39 371	100%

Source: Equasis - IACS membership on 31/12/2010

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

15-24 YEARS OLD LARGE SHIPS

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

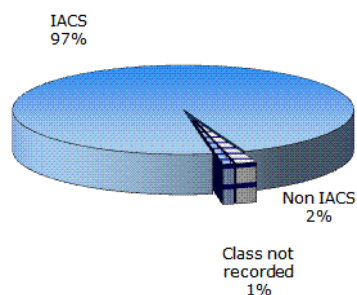
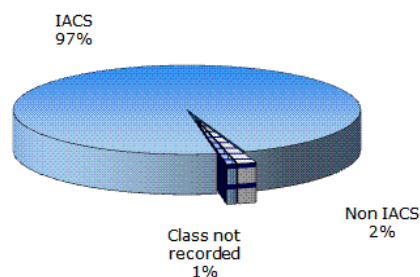
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	48	3,4%					48	3,3%
Specialized Cargo Ships	19	1,3%					19	1,3%
Container Ships	268	19,0%	1	3,4%			269	18,4%
Ro-Ro Cargo Ships	95	6,7%			1	6,3%	96	6,6%
Bulk Carriers	567	40,1%	23	79,3%	14	87,5%	604	41,4%
Oil and Chemical Tankers	291	20,6%	5	17,2%			296	20,3%
Gas Tankers	35	2,5%					35	2,4%
Other Tankers								
Passenger Ships	84	5,9%					84	5,8%
Offshore Vessels	6	0,4%			1	6,3%	7	0,5%
Service Ships	1	0,1%					1	0,1%
Tugs								
Total	1 414	100%	29	100%	16	100%	1 459	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	1 397	2,5%					1 397	2,5%
Specialized Cargo Ships	733	1,3%					733	1,3%
Container Ships	11 345	20,6%	35	3,5%			11 379	20,1%
Ro-Ro Cargo Ships	4 309	7,8%			48	9,4%	4 356	7,7%
Bulk Carriers	20 053	36,5%	764	77,6%	400	78,9%	21 217	37,6%
Oil and Chemical Tankers	12 278	22,3%	186	18,9%			12 463	22,1%
Gas Tankers	1 515	2,8%					1 515	2,7%
Other Tankers								
Passenger Ships	3 067	5,6%					3 067	5,4%
Offshore Vessels	274	0,5%			59	11,7%	334	0,6%
Service Ships	30	0,1%					30	0,1%
Tugs								
Total	55 000	100%	985	100%	507	100%	56 492	100%

Source: Equasis - IACS membership on 31/12/2010

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

15-24 YEARS OLD VERY LARGE SHIPS

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

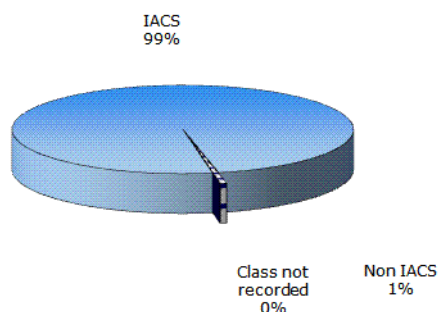
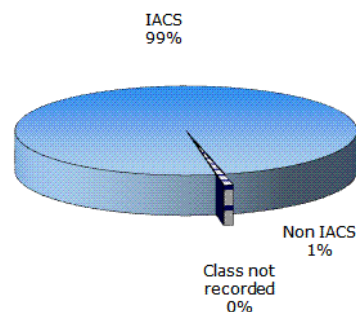
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	1	0,2%					1	0,2%
Container Ships	18	3,6%					18	3,6%
Ro-Ro Cargo Ships								
Bulk Carriers	298	59,6%	1	33,3%			299	59,4%
Oil and Chemical Tankers	134	26,8%	1	33,3%			135	26,8%
Gas Tankers	23	4,6%					23	4,6%
Other Tankers								
Passenger Ships	15	3,0%					15	3,0%
Offshore Vessels	11	2,2%	1	33,3%			12	2,4%
Service Ships								
Tugs								
Total	500	100%	3	100%	0	0%	503	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	64	0,1%					64	0,1%
Container Ships	1 131	2,2%					1 131	2,2%
Ro-Ro Cargo Ships								
Bulk Carriers	28 635	56,9%	155	35,1%			28 789	56,7%
Oil and Chemical Tankers	15 963	31,7%	143	32,4%			16 106	31,7%
Gas Tankers	2 338	4,6%					2 338	4,6%
Other Tankers								
Passenger Ships	1 067	2,1%					1 067	2,1%
Offshore Vessels	1 149	2,3%	143	32,5%			1 292	2,5%
Service Ships								
Tugs								
Total	50 346	100%	441	100%	0	0%	50 787	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 51 - Total number of 15-24 years old very large ships, by class**Graph 52 - Gross tonnage of 15-24 years old very large ships, by class**

25+ YEARS OLD SHIPS

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

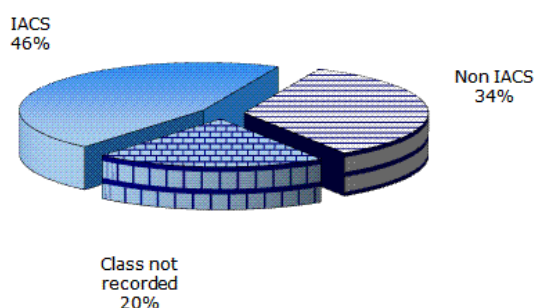
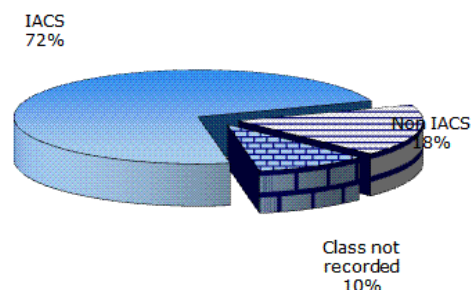
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2 243	30,2%	2 809	50,3%	1 471	44,5%	6 523	39,9%
Specialized Cargo Ships	79	1,1%	35	0,6%	17	0,5%	131	0,8%
Container Ships	229	3,1%	74	1,3%	37	1,1%	340	2,1%
Ro-Ro Cargo Ships	305	4,1%	100	1,8%	56	1,7%	461	2,8%
Bulk Carriers	1 427	19,2%	459	8,2%	191	5,8%	2 077	12,7%
Oil and Chemical Tankers	671	9,0%	860	15,4%	609	18,4%	2 140	13,1%
Gas Tankers	170	2,3%	59	1,1%	90	2,7%	319	2,0%
Other Tankers	10	0,1%	6	0,1%	9	0,3%	25	0,2%
Passenger Ships	405	5,4%	510	9,1%	243	7,4%	1 158	7,1%
Offshore Vessels	1 145	15,4%	182	3,3%	238	7,2%	1 565	9,6%
Service Ships	478	6,4%	391	7,0%	261	7,9%	1 130	6,9%
Tugs	276	3,7%	105	1,9%	82	2,5%	463	2,8%
Total	7 438	100%	5 590	100%	3 304	100%	16 332	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	11 848	15,2%	7 214	37,6%	4 271	40,2%	23 333	21,7%
Specialized Cargo Ships	1 349	1,7%	145	0,8%	58	0,5%	1 551	1,4%
Container Ships	4 461	5,7%	376	2,0%	213	2,0%	5 050	4,7%
Ro-Ro Cargo Ships	5 311	6,8%	429	2,2%	246	2,3%	5 986	5,6%
Bulk Carriers	33 332	42,9%	6 396	33,3%	2 772	26,1%	42 500	39,5%
Oil and Chemical Tankers	4 760	6,1%	2 219	11,5%	1 381	13,0%	8 360	7,8%
Gas Tankers	4 504	5,8%	202	1,1%	117	1,1%	4 824	4,5%
Other Tankers	20	0,0%	7	0,0%	10	0,1%	37	0,0%
Passenger Ships	4 073	5,2%	1 179	6,1%	449	4,2%	5 701	5,3%
Offshore Vessels	6 162	7,9%	327	1,7%	460	4,3%	6 949	6,5%
Service Ships	1 609	2,1%	640	3,3%	583	5,5%	2 832	2,6%
Tugs	279	0,4%	77	0,4%	65	0,6%	422	0,4%
Total	77 709	100%	19 209	100%	10 625	100%	107 544	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 53 - World fleet GT≥500: total number of 25+ years old ships, by class**Graph 54 - World fleet GT≥500: gross tonnage of 25+ years old of ships, by class**

25+ YEARS OLD MEDIUM SHIPS

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

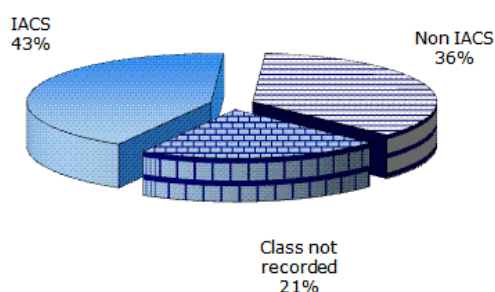
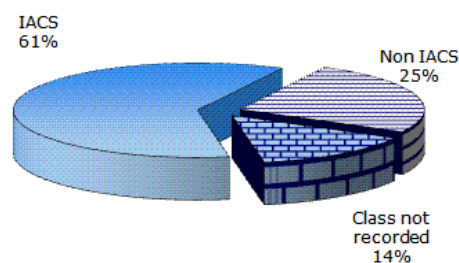
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	2 182	33,2%	2 808	50,8%	1 471	44,9%	6 461	42,0%
Specialized Cargo Ships	56	0,9%	33	0,6%	17	0,5%	106	0,7%
Container Ships	145	2,2%	74	1,3%	36	1,1%	255	1,7%
Ro-Ro Cargo Ships	229	3,5%	100	1,8%	55	1,7%	384	2,5%
Bulk Carriers	998	15,2%	407	7,4%	173	5,3%	1 578	10,3%
Oil and Chemical Tankers	626	9,5%	856	15,5%	606	18,5%	2 088	13,6%
Gas Tankers	113	1,7%	58	1,0%	90	2,7%	261	1,7%
Other Tankers	10	0,2%	6	0,1%	9	0,3%	25	0,2%
Passenger Ships	372	5,7%	510	9,2%	243	7,4%	1 125	7,3%
Offshore Vessels	1 098	16,7%	180	3,3%	236	7,2%	1 514	9,8%
Service Ships	475	7,2%	391	7,1%	259	7,9%	1 125	7,3%
Tugs	276	4,2%	105	1,9%	82	2,5%	463	3,0%
Total	6 580	100%	5 528	100%	3 277	100%	15 385	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	10 138	25,1%	7 184	42,5%	4 271	44,7%	21 593	32,3%
Specialized Cargo Ships	551	1,4%	76	0,4%	58	0,6%	685	1,0%
Container Ships	1 582	3,9%	376	2,2%	180	1,9%	2 137	3,2%
Ro-Ro Cargo Ships	2 243	5,6%	429	2,5%	218	2,3%	2 890	4,3%
Bulk Carriers	15 588	38,6%	4 582	27,1%	2 190	22,9%	22 361	33,5%
Oil and Chemical Tankers	3 121	7,7%	2 065	12,2%	1 256	13,1%	6 442	9,6%
Gas Tankers	573	1,4%	104	0,6%	117	1,2%	794	1,2%
Other Tankers	20	0,1%	7	0,0%	10	0,1%	37	0,1%
Passenger Ships	3 009	7,5%	1 179	7,0%	449	4,7%	4 638	6,9%
Offshore Vessels	1 741	4,3%	166	1,0%	245	2,6%	2 152	3,2%
Service Ships	1 513	3,7%	640	3,8%	501	5,2%	2 653	4,0%
Tugs	279	0,7%	77	0,5%	65	0,7%	422	0,6%
Total	40 358	100%	16 885	100%	9 561	100%	66 804	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010

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

25+ YEARS OLD LARGE SHIPS

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

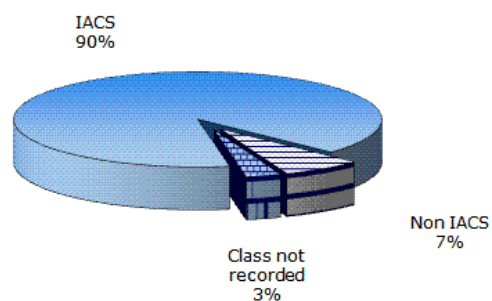
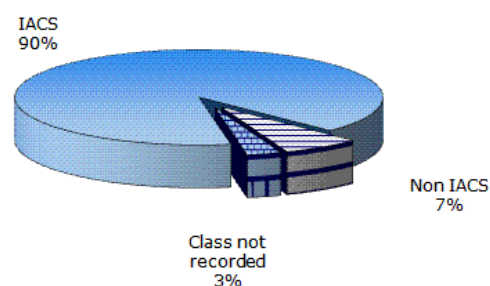
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	61	8,4%	1	1,8%			62	7,6%
Specialized Cargo Ships	23	3,2%	2	3,5%			25	3,1%
Container Ships	84	11,5%			1	4,0%	85	10,5%
Ro-Ro Cargo Ships	73	10,0%			1	4,0%	74	9,1%
Bulk Carriers	373	51,1%	50	87,7%	18	72,0%	441	54,3%
Oil and Chemical Tankers	42	5,8%	4	7,0%	3	12,0%	49	6,0%
Gas Tankers	25	3,4%					25	3,1%
Other Tankers								
Passenger Ships	33	4,5%					33	4,1%
Offshore Vessels	13	1,8%					13	1,6%
Service Ships	3	0,4%			2	8,0%	5	0,6%
Tugs								
Total	730	100%	57	100%	25	100%	812	100%

Source: Equasis - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1 710	6,7%	30	1,6%			1 740	6,2%
Specialized Cargo Ships	797	3,1%	69	3,6%			866	3,1%
Container Ships	2 880	11,4%			33	3,8%	2 912	10,4%
Ro-Ro Cargo Ships	2 868	11,3%			28	3,3%	2 896	10,3%
Bulk Carriers	13 019	51,3%	1 669	86,9%	581	68,5%	15 269	54,3%
Oil and Chemical Tankers	1 374	5,4%	153	8,0%	124	14,6%	1 651	5,9%
Gas Tankers	1 059	4,2%					1 059	3,8%
Other Tankers								
Passenger Ships	1 063	4,2%					1 063	3,8%
Offshore Vessels	496	2,0%					496	1,8%
Service Ships	97	0,4%			82	9,7%	179	0,6%
Tugs								
Total	25 364	100%	1 921	100%	848	100%	28 133	100%

Source: Equasis - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2010

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

25+ YEARS OLD VERY LARGE SHIPS

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

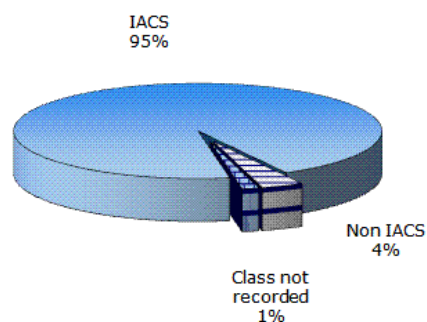
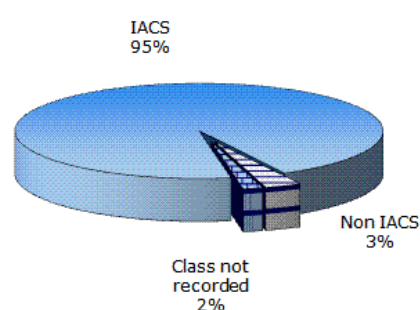
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships	3	2,3%					3	2,2%
Bulk Carriers	56	43,8%	2	40,0%			58	43,0%
Oil and Chemical Tankers	3	2,3%					3	2,2%
Gas Tankers	32	25,0%	1	20,0%			33	24,4%
Other Tankers								
Passenger Ships								
Offshore Vessels	34	26,6%	2	40,0%	2	100,0%	38	28,1%
Service Ships								
Tugs								
Total	128	100%	5	100%	2	100%	135	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships	200	1,7%					200	1,6%
Bulk Carriers	4 726	39,4%	144	35,8%			4 870	38,6%
Oil and Chemical Tankers	266	2,2%					266	2,1%
Gas Tankers	2 872	24,0%	98	24,3%			2 970	23,6%
Other Tankers								
Passenger Ships								
Offshore Vessels	3 924	32,7%	161	39,9%	216	100,0%	4 301	34,1%
Service Ships								
Tugs								
Total	11 988	100%	403	100%	216	100%	12 606	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

Graph 59 - Total number of 25+ years old very large ships, by class**Graph 60 - Gross tonnage of 25+ years old very large ships, by class**

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

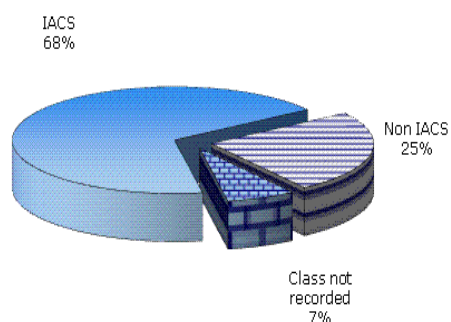
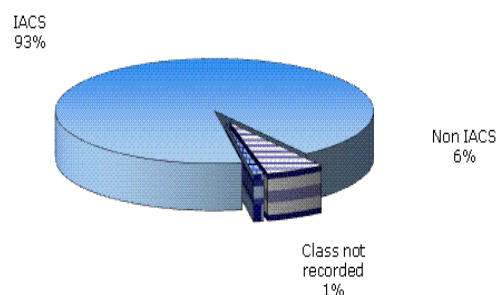
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	3,897	26.9%	3,074	57.8%	636	43.5%	7,607	35.8%
Specialized Cargo Ships	56	0.4%	33	0.6%	10	0.7%	99	0.5%
Container Ships	1,496	10.3%	122	2.3%	14	1.0%	1,632	7.7%
Ro-Ro Cargo Ships	574	4.0%	91	1.7%	28	1.9%	693	3.3%
Bulk Carriers	3,629	25.1%	543	10.2%	43	2.9%	4,215	19.8%
Oil and Chemical Tankers	2,724	18.8%	653	12.3%	308	21.1%	3,685	17.3%
Gas Tankers	416	2.9%	50	0.9%	52	3.6%	518	2.4%
Other Tankers	9	0.1%	2	0.0%	3	0.2%	14	0.1%
Passenger Ships	443	3.1%	386	7.3%	83	5.7%	912	4.3%
Offshore Vessels	858	5.9%	121	2.3%	116	7.9%	1,095	5.2%
Service Ships	267	1.8%	206	3.9%	137	9.4%	610	2.9%
Tugs	104	0.7%	36	0.7%	33	2.3%	173	0.8%
Total	14,473	100%	5,317	100%	1,463	100%	21,253	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	21,587	6.9%	7,567	38.3%	1,505	42.8%	30,658	9.2%
Specialized Cargo Ships	969	0.3%	129	0.7%	36	1.0%	1,134	0.3%
Container Ships	44,544	14.3%	731	3.7%	36	1.0%	45,311	13.5%
Ro-Ro Cargo Ships	18,237	5.9%	626	3.2%	154	4.4%	19,017	5.7%
Bulk Carriers	132,307	42.4%	6,801	34.5%	412	11.7%	139,520	41.7%
Oil and Chemical Tankers	69,432	22.3%	2,008	10.2%	543	15.5%	71,983	21.5%
Gas Tankers	10,195	3.3%	93	0.5%	73	2.1%	10,361	3.1%
Other Tankers	12	0.0%	2	0.0%	3	0.1%	17	0.0%
Passenger Ships	9,780	3.1%	1,043	5.3%	219	6.2%	11,042	3.3%
Offshore Vessels	3,573	1.1%	350	1.8%	222	6.3%	4,145	1.2%
Service Ships	998	0.3%	346	1.8%	283	8.0%	1,626	0.5%
Tugs	100	0.0%	36	0.2%	28	0.8%	164	0.0%
Total	311,733	100%	19,732	100%	3,513	100%	334,978	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

Graph 61 - Total number of targeted flag ships GT≥500, by class**Graph 62 - Gross tonnage of targeted flag ships GT≥500, by class**

TARGETED FLAGS – MEDIUM SHIPS

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

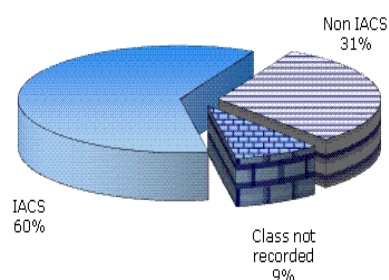
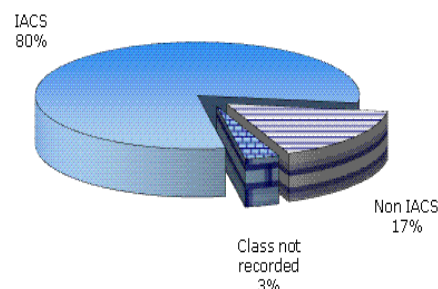
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	3,858	38.0%	3,073	58.8%	636	43.6%	7,567	45.0%
Specialized Cargo Ships	39	0.4%	32	0.6%	10	0.7%	81	0.5%
Container Ships	875	8.6%	121	2.3%	14	1.0%	1,010	6.0%
Ro-Ro Cargo Ships	254	2.5%	87	1.7%	27	1.9%	368	2.2%
Bulk Carriers	1,450	14.3%	474	9.1%	40	2.7%	1,964	11.7%
Oil and Chemical Tankers	1,858	18.3%	642	12.3%	308	21.1%	2,808	16.7%
Gas Tankers	293	2.9%	50	1.0%	52	3.6%	395	2.3%
Other Tankers	9	0.1%	2	0.0%	3	0.2%	14	0.1%
Passenger Ships	306	3.0%	386	7.4%	83	5.7%	775	4.6%
Offshore Vessels	830	8.2%	119	2.3%	115	7.9%	1,064	6.3%
Service Ships	264	2.6%	206	3.9%	137	9.4%	607	3.6%
Tugs	104	1.0%	36	0.7%	33	2.3%	173	1.0%
Total	10,140	100%	5,228	100%	1,458	100%	16,826	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	20,473	27.2%	7,537	48.4%	1,505	46.3%	29,515	31.4%
Specialized Cargo Ships	358	0.5%	98	0.6%	36	1.1%	493	0.5%
Container Ships	9,910	13.2%	704	4.5%	36	1.1%	10,650	11.3%
Ro-Ro Cargo Ships	2,594	3.4%	414	2.7%	106	3.3%	3,115	3.3%
Bulk Carriers	22,481	29.9%	3,538	22.7%	298	9.2%	26,316	28.0%
Oil and Chemical Tankers	12,952	17.2%	1,608	10.3%	543	16.7%	15,104	16.1%
Gas Tankers	1,758	2.3%	93	0.6%	73	2.2%	1,924	2.0%
Other Tankers	12	0.0%	2	0.0%	3	0.1%	17	0.0%
Passenger Ships	2,180	2.9%	1,043	6.7%	219	6.7%	3,442	3.7%
Offshore Vessels	1,557	2.1%	143	0.9%	119	3.7%	1,818	1.9%
Service Ships	909	1.2%	346	2.2%	283	8.7%	1,537	1.6%
Tugs	100	0.1%	36	0.2%	28	0.9%	164	0.2%
Total	75,286	100%	15,562	100%	3,248	100%	94,096	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010

Graph 63 - Total number of targeted flag medium ships, by class**Graph 64 - Gross tonnage of targeted flag medium ships, by class**

TARGETED FLAGS - LARGE SHIPS

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

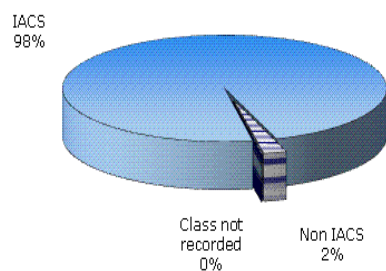
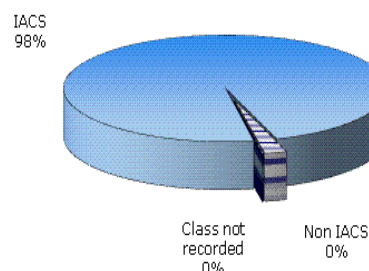
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	39	1.3%	1	1.4%			40	1.3%
Specialized Cargo Ships	17	0.5%	1	1.4%			18	0.6%
Container Ships	400	12.9%	1	1.4%			401	12.6%
Ro-Ro Cargo Ships	267	8.6%	3	4.2%	1	25.0%	271	8.5%
Bulk Carriers	1,619	52.3%	55	76.4%	3	75.0%	1,677	52.9%
Oil and Chemical Tankers	578	18.7%	11	15.3%			589	18.6%
Gas Tankers	69	2.2%					69	2.2%
Other Tankers								
Passenger Ships	90	2.9%					90	2.8%
Offshore Vessels	14	0.5%					14	0.4%
Service Ships	3	0.1%					3	0.1%
Tugs								
Total	3,096	100%	72	100%	4	100%	3,172	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1,113	1.0%	30	1.2%			1,143	1.0%
Specialized Cargo Ships	610	0.5%	30	1.2%			641	0.5%
Container Ships	15,803	13.6%	27	1.0%			15,830	13.3%
Ro-Ro Cargo Ships	12,309	10.6%	152	5.9%	48	29.5%	12,508	10.5%
Bulk Carriers	57,861	49.9%	1,948	75.3%	114	70.5%	59,923	50.5%
Oil and Chemical Tankers	21,492	18.5%	399	15.4%			21,891	18.4%
Gas Tankers	2,963	2.6%					2,963	2.5%
Other Tankers								
Passenger Ships	3,184	2.7%					3,184	2.7%
Offshore Vessels	586	0.5%					586	0.5%
Service Ships	88	0.1%					88	0.1%
Tugs								
Total	116,010	100%	2,587	100%	162	100%	118,759	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

TARGETED FLAGS - VERY LARGE SHIPS

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

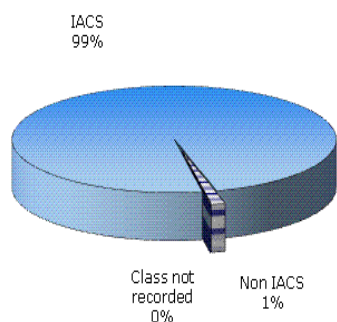
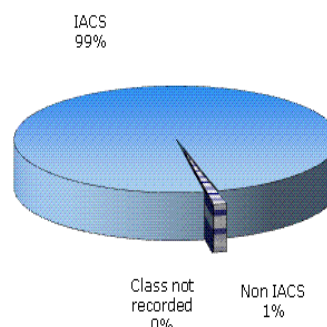
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	221	17.9%					221	17.6%
Ro-Ro Cargo Ships	53	4.3%	1	5.9%			54	4.3%
Bulk Carriers	560	45.3%	14	82.4%			574	45.7%
Oil and Chemical Tankers	288	23.3%					288	22.9%
Gas Tankers	54	4.4%					54	4.3%
Other Tankers								
Passenger Ships	47	3.8%					47	3.7%
Offshore Vessels	14	1.1%	2	11.8%	1	100.0%	17	1.4%
Service Ships								
Tugs								
Total	1,237	100%	17	100%	1	100%	1,255	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	18,831	15.6%					18,831	15.4%
Ro-Ro Cargo Ships	3,333	2.8%	60	3.8%			3,393	2.8%
Bulk Carriers	51,965	43.1%	1,315	83.1%			53,281	43.6%
Oil and Chemical Tankers	34,988	29.1%					34,988	28.6%
Gas Tankers	5,473	4.5%					5,473	4.5%
Other Tankers								
Passenger Ships	4,416	3.7%					4,416	3.6%
Offshore Vessels	1,430	1.2%	207	13.1%	103	100.0%	1,741	1.4%
Service Ships								
Tugs								
Total	120,436	100%	1,583	100%	103	100%	122,122	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2010

Graph 67 - Total number of targeted flag very large ships, by class**Graph 68 - Gross tonnage of targeted flag very large ships, by class**

NON TARGETED FLAGS – WORLD FLEET GT≥500

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

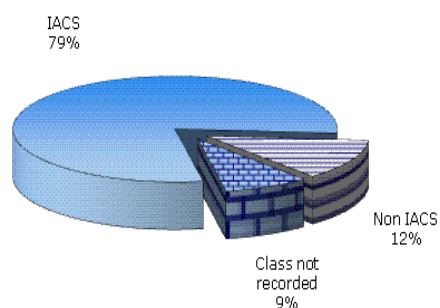
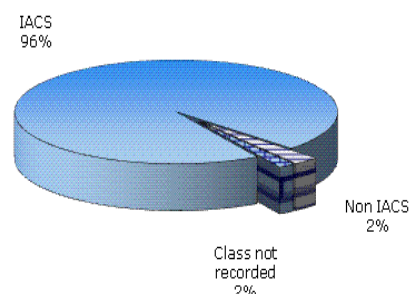
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	3,528	15.6%	1,141	31.9%	951	38.9%	5,620	19.6%
Specialized Cargo Ships	118	0.5%	6	0.2%	7	0.3%	131	0.5%
Container Ships	3,134	13.8%	47	1.3%	39	1.6%	3,220	11.2%
Ro-Ro Cargo Ships	747	3.3%	48	1.3%	40	1.6%	835	2.9%
Bulk Carriers	3,762	16.6%	344	9.6%	205	8.4%	4,311	15.0%
Oil and Chemical Tankers	5,339	23.6%	605	16.9%	409	16.7%	6,353	22.1%
Gas Tankers	916	4.0%	25	0.7%	47	1.9%	988	3.4%
Other Tankers	3	0.0%	6	0.2%	6	0.2%	15	0.1%
Passenger Ships	1,022	4.5%	691	19.3%	327	13.4%	2,040	7.1%
Offshore Vessels	2,758	12.2%	163	4.6%	138	5.6%	3,059	10.7%
Service Ships	834	3.7%	389	10.9%	206	8.4%	1,429	5.0%
Tugs	507	2.2%	108	3.0%	68	2.8%	683	2.4%
Total	22,668	100%	3,573	100%	2,443	100%	28,684	100%

Source: Equasis - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	25,312	4.5%	2,805	18.3%	3,099	31.7%	31,216	5.3%
Specialized Cargo Ships	2,045	0.4%	46	0.3%	22	0.2%	2,112	0.4%
Container Ships	111,996	19.8%	439	2.9%	359	3.7%	112,794	19.1%
Ro-Ro Cargo Ships	22,223	3.9%	279	1.8%	174	1.8%	22,676	3.8%
Bulk Carriers	143,550	25.4%	6,470	42.3%	3,215	32.9%	153,236	26.0%
Oil and Chemical Tankers	185,278	32.8%	1,760	11.5%	1,070	11.0%	188,107	31.9%
Gas Tankers	37,449	6.6%	274	1.8%	58	0.6%	37,781	6.4%
Other Tankers	10	0.0%	7	0.0%	7	0.1%	23	0.0%
Passenger Ships	19,351	3.4%	2,025	13.2%	827	8.5%	22,202	3.8%
Offshore Vessels	13,707	2.4%	431	2.8%	367	3.8%	14,504	2.5%
Service Ships	3,938	0.7%	684	4.5%	511	5.2%	5,132	0.9%
Tugs	539	0.1%	80	0.5%	65	0.7%	684	0.1%
Total	565,396	100%	15,299	100%	9,773	100%	590,468	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 69 - Total number of non targeted flag ships GT≥500, by class**Graph 70 - Gross tonnage of non targeted flag ships GT≥500, by class**

NON TARGETED FLAGS – MEDIUM SHIPS

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

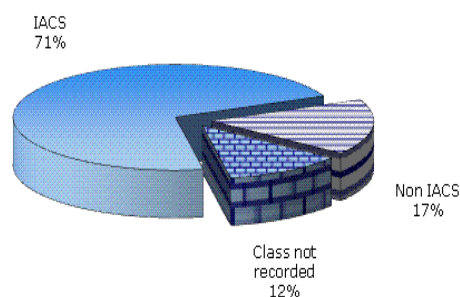
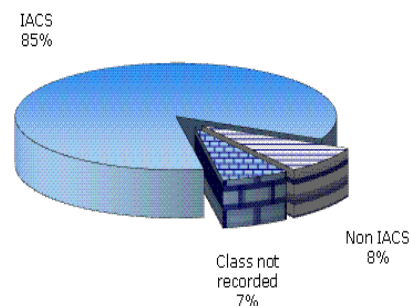
Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	3,340	23.1%	1,141	33.0%	951	39.6%	5,432	26.7%
Specialized Cargo Ships	88	0.6%	5	0.1%	7	0.3%	100	0.5%
Container Ships	1,327	9.2%	43	1.2%	37	1.5%	1,407	6.9%
Ro-Ro Cargo Ships	390	2.7%	46	1.3%	39	1.6%	475	2.3%
Bulk Carriers	1,260	8.7%	251	7.3%	175	7.3%	1,686	8.3%
Oil and Chemical Tankers	2,781	19.2%	600	17.3%	406	16.9%	3,787	18.6%
Gas Tankers	531	3.7%	22	0.6%	47	2.0%	600	2.9%
Other Tankers	3	0.0%	6	0.2%	6	0.2%	15	0.1%
Passenger Ships	763	5.3%	690	19.9%	326	13.6%	1,779	8.7%
Offshore Vessels	2,663	18.4%	160	4.6%	135	5.6%	2,958	14.5%
Service Ships	824	5.7%	389	11.2%	204	8.5%	1,417	7.0%
Tugs	507	3.5%	108	3.1%	68	2.8%	683	3.4%
Total	14,477	100%	3,461	100%	2,401	100%	20,339	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	19,518	19.0%	2,805	27.7%	3,099	37.4%	25,422	21.0%
Specialized Cargo Ships	899	0.9%	7	0.1%	22	0.3%	928	0.8%
Container Ships	17,270	16.8%	203	2.0%	236	2.8%	17,709	14.6%
Ro-Ro Cargo Ships	4,500	4.4%	157	1.6%	146	1.8%	4,803	4.0%
Bulk Carriers	19,833	19.3%	2,636	26.0%	2,321	28.0%	24,790	20.5%
Oil and Chemical Tankers	21,710	21.1%	1,359	13.4%	946	11.4%	24,015	19.8%
Gas Tankers	3,333	3.2%	82	0.8%	58	0.7%	3,473	2.9%
Other Tankers	10	0.0%	7	0.1%	7	0.1%	23	0.0%
Passenger Ships	5,281	5.1%	1,895	18.7%	802	9.7%	7,978	6.6%
Offshore Vessels	6,241	6.1%	215	2.1%	148	1.8%	6,603	5.5%
Service Ships	3,555	3.5%	684	6.7%	428	5.2%	4,667	3.9%
Tugs	539	0.5%	80	0.8%	65	0.8%	684	0.6%
Total	102,689	100%	10,129	100%	8,277	100%	121,096	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2010

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

NON TARGETED FLAGS – LARGE SHIPS

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

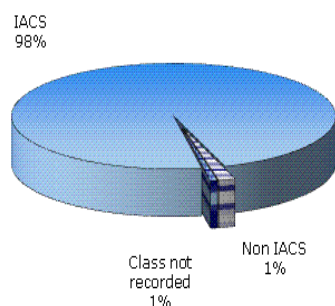
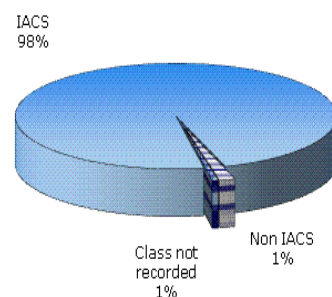
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	188	3.3%					188	3.3%
Specialized Cargo Ships	29	0.5%	1	1.1%			30	0.5%
Container Ships	1,259	22.4%	2	2.1%	1	2.5%	1,262	21.9%
Ro-Ro Cargo Ships	286	5.1%	1	1.1%	1	2.5%	288	5.0%
Bulk Carriers	1,910	34.0%	85	89.5%	30	75.0%	2,025	35.2%
Oil and Chemical Tankers	1,610	28.6%	3	3.2%	3	7.5%	1,616	28.1%
Gas Tankers	121	2.2%	2	2.1%			123	2.1%
Other Tankers								
Passenger Ships	177	3.1%			1	2.5%	178	3.1%
Offshore Vessels	33	0.6%	1	1.1%	2	5.0%	36	0.6%
Service Ships	10	0.2%			2	5.0%	12	0.2%
Tugs								
Total	5,623	100%	95	100%	40	100%	5,758	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	5,794	2.7%					5,794	2.7%
Specialized Cargo Ships	1,081	0.5%	39	1.1%			1,120	0.5%
Container Ships	48,166	22.8%	77	2.3%	33	2.5%	48,276	22.3%
Ro-Ro Cargo Ships	13,117	6.2%	59	1.7%	28	2.2%	13,204	6.1%
Bulk Carriers	68,210	32.2%	3,003	87.6%	893	69.1%	72,106	33.3%
Oil and Chemical Tankers	61,836	29.2%	98	2.8%	124	9.6%	62,057	28.7%
Gas Tankers	5,316	2.5%	94	2.7%			5,410	2.5%
Other Tankers								
Passenger Ships	6,235	2.9%			25	1.9%	6,261	2.9%
Offshore Vessels	1,454	0.7%	59	1.7%	107	8.2%	1,619	0.7%
Service Ships	383	0.2%			82	6.4%	465	0.2%
Tugs								
Total	211,591	100%	3,429	100%	1,292	100%	216,312	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

Graph 73 - Total number of non targeted flag large ships, by class**Graph 74 - Gross tonnage of non targeted flag large ships, by class**

NON TARGETED FLAGS – VERY LARGE SHIPS

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

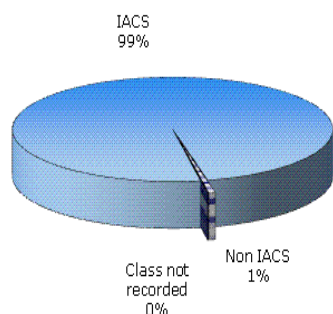
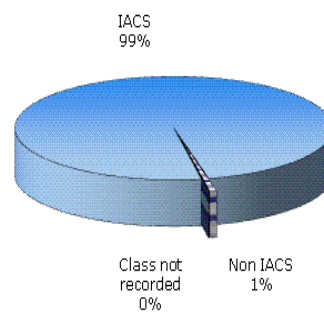
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	1	0.0%					1	0.0%
Container Ships	548	21.3%	2	11.8%	1	50.0%	551	21.3%
Ro-Ro Cargo Ships	71	2.8%	1	5.9%			72	2.8%
Bulk Carriers	592	23.1%	8	47.1%			600	23.2%
Oil and Chemical Tankers	948	36.9%	2	11.8%			950	36.7%
Gas Tankers	264	10.3%	1	5.9%			265	10.2%
Other Tankers								
Passenger Ships	82	3.2%	1	5.9%			83	3.2%
Offshore Vessels	62	2.4%	2	11.8%	1	50.0%	65	2.5%
Service Ships								
Tugs								
Total	2,568	100%	17	100%	2	100%	2,587	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	64	0.0%					64	0.0%
Container Ships	46,560	18.5%	159	9.1%	91	44.6%	46,810	18.5%
Ro-Ro Cargo Ships	4,606	1.8%	63	3.6%			4,669	1.8%
Bulk Carriers	55,508	22.1%	831	47.8%			56,339	22.3%
Oil and Chemical Tankers	101,732	40.5%	302	17.4%			102,035	40.3%
Gas Tankers	28,800	11.5%	98	5.6%			28,898	11.4%
Other Tankers								
Passenger Ships	7,834	3.1%	130	7.5%			7,964	3.1%
Offshore Vessels	6,012	2.4%	157	9.0%	113	55.4%	6,282	2.5%
Service Ships								
Tugs								
Total	251,116	100%	1,740	100%	203	100%	253,060	100%

Source: Equasis - ⁽¹⁾ GT≥60.000 - IACS membership on 31/12/2010

Graph 75 - Total number of non targeted flag very large ships, by class**Graph 76 - Gross tonnage of non targeted flag very large ships under non targeted flag, by class**

3.4. SAFETY PERFORMANCE

WORLD FLEET GT≥500

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

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	4,08%	13,21%	15,09%	6,33%
Specialized Cargo Ships	3,38%	20,78%	38,89%	5,75%
Container Ships	1,40%	12,45%	17,50%	1,57%
Ro-Ro Cargo Ships	2,14%	10,63%	27,42%	2,68%
Bulk Carriers	3,57%	10,07%	16,07%	3,98%
Oil and Chemical Tankers	1,63%	13,72%	13,10%	1,90%
Gas Tankers	1,43%	23,66%	26,67%	2,07%
Other Tankers	0,00%			0,00%
Passenger Ships	1,42%	2,54%	13,64%	1,54%
Offshore Vessels	2,98%	17,02%	10,00%	3,36%
Service Ships	2,05%	13,88%	0,00%	5,01%
Tugs	5,72%	0,00%	0,00%	5,28%
Total	2,86%	12,69%	15,78%	3,98%

Source: Equasis - IACS membership on 31/12/2010 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

MEDIUM SHIPS

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

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	4,18%	13,20%	15,09%	6,46%
Specialized Cargo Ships	3,87%	20,78%	38,89%	6,91%
Container Ships	1,73%	12,81%	22,58%	2,10%
Ro-Ro Cargo Ships	3,77%	10,76%	29,31%	4,98%
Bulk Carriers	4,33%	10,10%	18,00%	5,12%
Oil and Chemical Tankers	2,42%	13,98%	13,10%	2,90%
Gas Tankers	2,11%	23,66%	26,67%	3,07%
Other Tankers	0,00%			0,00%
Passenger Ships	2,14%	2,54%	13,64%	2,31%
Offshore Vessels	3,01%	17,39%	10,00%	3,40%
Service Ships	1,96%	13,88%	0,00%	4,96%
Tugs	5,72%	0,00%	0,00%	5,28%
Total	3,54%	12,74%	15,99%	5,12%

Source: Equasis - IACS membership on 31/12/2010 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

LARGE SHIPS

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

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	1,59%	33,33%		1,71%
Specialized Cargo Ships	2,02%			2,02%
Container Ships	1,38%	0,00%	0,00%	1,37%
Ro-Ro Cargo Ships	1,34%	0,00%	0,00%	1,34%
Bulk Carriers	3,12%	9,74%	0,00%	3,18%
Oil and Chemical Tankers	0,92%	0,00%		0,92%
Gas Tankers	0,16%			0,16%
Other Tankers				
Passenger Ships	1,45%			1,45%
Offshore Vessels	0,00%			0,00%
Service Ships	11,11%			11,11%
Tugs				
Total	2,04%	9,59%	0,00%	2,08%

Source: Equasis - IACS membership on 31/12/2010 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

VERY LARGE SHIPS

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

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships				
Specialized Cargo Ships				
Container Ships	0,73%	12,50%	0,00%	0,75%
Ro-Ro Cargo Ships	0,71%			0,71%
Bulk Carriers	2,81%	11,11%		2,83%
Oil and Chemical Tankers	0,47%	0,00%		0,47%
Gas Tankers	0,28%			0,28%
Other Tankers				
Passenger Ships	0,10%			0,10%
Offshore Vessels	0,00%	0,00%		0,00%
Service Ships				
Tugs				
Total	1,16%	10,00%	0,00%	1,17%

Source: Equasis - IACS membership on 31/12/2010 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

Chapter 4

4. P&I

INTRODUCTION

Protection and Indemnity (P&I) Clubs provide third-party insurance cover to ship owners. Members of the International Group of P&I Clubs (IGP&I) provide Equasis with information on all vessels entered in their clubs which are issued with IMO numbers.

There are thirteen separate and independent principal Clubs in the Group. Some of the Clubs have affiliated and reinsured subsidiary associations:

- *American Steamship Owners Mutual Protection and Indemnity Association, Inc*
- *Assuranceforeningen Skuld*
- *Gard P&I (Bermuda) Ltd.*¹
- *The Britannia Steam Ship Insurance Association Limited*
- *The Japan Ship Owners' Mutual Protection & Indemnity Association*
- *The London Steam-Ship Owners' Mutual Insurance Association Limited*
- *The North of England Protecting & Indemnity Association Limited*
- *The Shipowners' Mutual Protection & Indemnity Association (Luxembourg)*
- *The Standard Steamship Owners' Protection & Indemnity Association (Bermuda) Limited*
- *The Steamship Mutual Underwriting Association (Bermuda) Limited*
- *The Swedish Club*

- *United Kingdom Mutual Steam Ship Assurance Association (Bermuda) Limited*
- *The West of England Ship Owners Mutual Insurance Association (Luxembourg)*

It should be noted that there is a significant number of small ships of less than 100GT entered in International Group Clubs but as explained in Chapter 1.2 small ships are not included in the statistics which follow.

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

In chapter 4.4 the fleet is analysed according to P&I and flag status. Flags are grouped in two categories, targeted and non-targeted.

Those in the "targeted" group are the flags which appear on at least one of the targeted flag lists by the three port state control regimes which feed their inspection results to Equasis (Paris MoU, Tokyo MoU and USCG [safety targeting]). A list of the flags is at Annex II.

In chapter 4.5 the detention rate of ships is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MoU, Indian Ocean MoU (IO MoU) and USCG regions.

¹ Gard (Bermuda) Ltd only became a principal Association with effect from the 2010 policy year. For 2008 and 2009, the principal Association was Assuranceforeningen Gard.

RESULTS

Graph 81 indicates that 59% of the fleet included in Equasis over 500GT for which data has been supplied is covered by one of the members of the International Group. This rises to 91% by tonnage.

95% of the large and 98% of the very large fleet is covered by the International Group. Within the medium fleet just under a half (46%) are entered in the Group clubs.

Comparing Graph 89 with 97 reveals that the age profile of ships entered in Group clubs is considerably younger than those which are not. A third (34%) of the IGP&I fleet is under 5 years old less than one sixth (15%) 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 14.6% and 14.4%, with nearly a half of the older fleet being general cargo ships (Table 97).

The safety performance of the fleet included in Equasis over 500 GT, as measured by detention rates, shows that 3.98% of inspections resulted in detention in 2010. Table 113 shows that ships outside the Group had a higher detention rate in 2010 than those with inside the Group (8.1% compared with 2.35%). 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

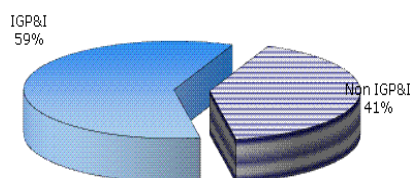
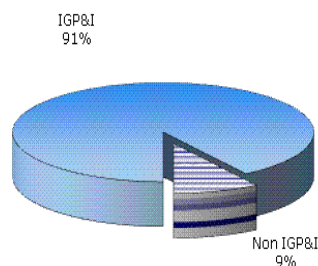
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	4,337	14.7%	8,890	43.6%	13,227	26.5%
Specialized Cargo Ships	148	0.5%	82	0.4%	230	0.5%
Container Ships	4,280	14.5%	572	2.8%	4,852	9.7%
Ro-Ro Cargo Ships	1,103	3.7%	425	2.1%	1,528	3.1%
Bulk Carriers	6,816	23.1%	1,710	8.4%	8,526	17.1%
Oil and Chemical Tankers	7,080	24.0%	2,958	14.5%	10,038	20.1%
Gas Tankers	1,137	3.9%	369	1.8%	1,506	3.0%
Other Tankers	8	0.0%	21	0.1%	29	0.1%
Passenger Ships	1,347	4.6%	1,605	7.9%	2,952	5.9%
Offshore Vessels	2,348	8.0%	1,806	8.8%	4,154	8.3%
Service Ships	552	1.9%	1,487	7.3%	2,039	4.1%
Tugs	371	1.3%	485	2.4%	856	1.7%
Total	29,527	100%	20,410	100%	49,937	100%

Source: Equasis

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	35,230	4.2%	26,644	31.2%	61,874	6.7%
Specialized Cargo Ships	2,832	0.3%	414	0.5%	3,246	0.4%
Container Ships	152,900	18.2%	5,205	6.1%	158,105	17.1%
Ro-Ro Cargo Ships	38,907	4.6%	2,786	3.3%	41,693	4.5%
Bulk Carriers	267,771	31.9%	24,984	29.2%	292,756	31.6%
Oil and Chemical Tankers	250,104	29.8%	9,986	11.7%	260,090	28.1%
Gas Tankers	47,350	5.6%	792	0.9%	48,141	5.2%
Other Tankers	18	0.0%	22	0.0%	40	0.0%
Passenger Ships	27,649	3.3%	5,596	6.6%	33,245	3.6%
Offshore Vessels	13,816	1.6%	4,833	5.7%	18,649	2.0%
Service Ships	3,038	0.4%	3,720	4.4%	6,758	0.7%
Tugs	403	0.0%	446	0.5%	848	0.1%
Total	840,018	100%	85,428	100%	925,446	100%

Source: Equasis

Graph 77 - Number of ships GT≥500, by P&I status**Graph 78 - Gross tonnage of ships GT≥500, by P&I status**

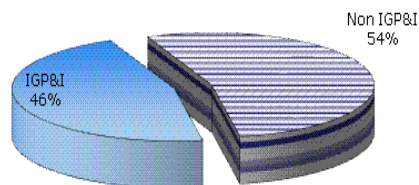
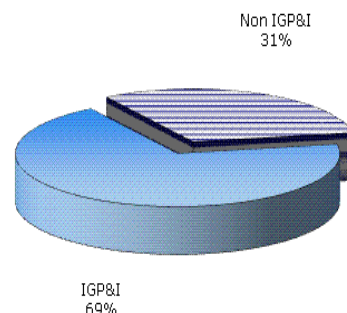
MEDIUM SHIPS

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	4,118	23.9%	8,881	44.5%	12,999	35.0%
Specialized Cargo Ships	101	0.6%	80	0.4%	181	0.5%
Container Ships	1,874	10.9%	543	2.7%	2,417	6.5%
Ro-Ro Cargo Ships	427	2.5%	416	2.1%	843	2.3%
Bulk Carriers	2,260	13.1%	1,390	7.0%	3,650	9.8%
Oil and Chemical Tankers	3,681	21.4%	2,914	14.6%	6,595	17.7%
Gas Tankers	628	3.6%	367	1.8%	995	2.7%
Other Tankers	8	0.0%	21	0.1%	29	0.1%
Passenger Ships	959	5.6%	1,595	8.0%	2,554	6.9%
Offshore Vessels	2,250	13.1%	1,772	8.9%	4,022	10.8%
Service Ships	541	3.1%	1,483	7.4%	2,024	5.4%
Tugs	371	2.2%	485	2.4%	856	2.3%
Total	17,218	100%	19,947	100%	37,165	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Table 84 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	28,561	19.3%	26,376	39.3%	54,937	25.5%
Specialized Cargo Ships	1,076	0.7%	345	0.5%	1,421	0.7%
Container Ships	24,437	16.5%	3,922	5.8%	28,359	13.2%
Ro-Ro Cargo Ships	5,460	3.7%	2,457	3.7%	7,918	3.7%
Bulk Carriers	37,608	25.4%	13,499	20.1%	51,107	23.7%
Oil and Chemical Tankers	31,324	21.2%	7,795	11.6%	39,119	18.2%
Gas Tankers	4,761	3.2%	636	0.9%	5,397	2.5%
Other Tankers	18	0.0%	22	0.0%	40	0.0%
Passenger Ships	6,100	4.1%	5,320	7.9%	11,420	5.3%
Offshore Vessels	5,672	3.8%	2,750	4.1%	8,421	3.9%
Service Ships	2,611	1.8%	3,593	5.4%	6,205	2.9%
Tugs	403	0.3%	446	0.7%	848	0.4%
Total	148,030	100%	67,162	100%	215,192	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Graph 79 - Number of medium ships, by P&I status****Graph 80 - Gross tonnage of medium ships, by P&I status**

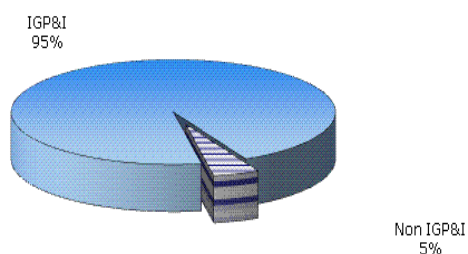
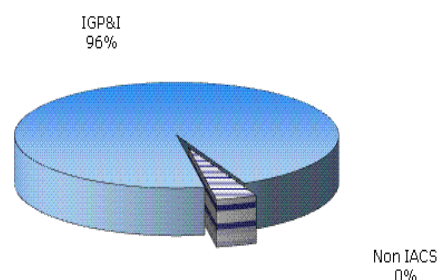
LARGE SHIPS

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	219	2.6%	9	2.2%	228	2.6%
Specialized Cargo Ships	46	0.5%	2	0.5%	48	0.5%
Container Ships	1,640	19.2%	23	5.6%	1,663	18.6%
Ro-Ro Cargo Ships	551	6.5%	8	2.0%	559	6.3%
Bulk Carriers	3,398	39.9%	304	74.3%	3,702	41.5%
Oil and Chemical Tankers	2,170	25.5%	35	8.6%	2,205	24.7%
Gas Tankers	191	2.2%	1	0.2%	192	2.2%
Other Tankers						
Passenger Ships	258	3.0%	10	2.4%	268	3.0%
Offshore Vessels	37	0.4%	13	3.2%	50	0.6%
Service Ships	11	0.1%	4	1.0%	15	0.2%
Tugs						
Total	8,521	100%	409	100%	8,930	100%

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	6,669	2.1%	268	2.0%	6,937	2.1%
Specialized Cargo Ships	1,692	0.5%	68	0.5%	1,761	0.5%
Container Ships	63,271	19.7%	835	6.1%	64,106	19.1%
Ro-Ro Cargo Ships	25,444	7.9%	268	2.0%	25,712	7.7%
Bulk Carriers	121,870	37.9%	10,160	73.9%	132,029	39.4%
Oil and Chemical Tankers	82,769	25.8%	1,179	8.6%	83,949	25.1%
Gas Tankers	8,329	2.6%	44	0.3%	8,374	2.5%
Other Tankers						
Passenger Ships	9,169	2.9%	276	2.0%	9,445	2.8%
Offshore Vessels	1,692	0.5%	514	3.7%	2,206	0.7%
Service Ships	427	0.1%	127	0.9%	554	0.2%
Tugs						
Total	321,333	100%	13,739	100%	335,072	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Graph 81 - Number of large ships, by P&I status****Graph 82 - Gross tonnage of large ships, by P&I status**

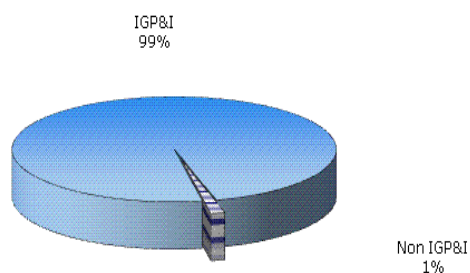
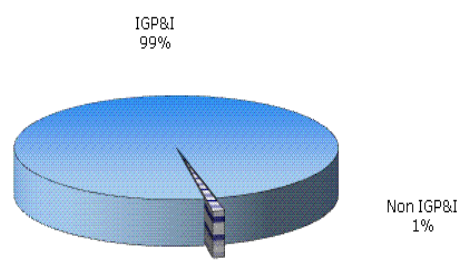
VERY LARGE SHIPS

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships	1	0.0%			1	0.0%
Container Ships	766	20.2%	6	11.1%	772	20.1%
Ro-Ro Cargo Ships	125	3.3%	1	1.9%	126	3.3%
Bulk Carriers	1,158	30.6%	16	29.6%	1,174	30.6%
Oil and Chemical Tankers	1,229	32.4%	9	16.7%	1,238	32.2%
Gas Tankers	318	8.4%	1	1.9%	319	8.3%
Other Tankers						
Passenger Ships	130	3.4%			130	3.4%
Offshore Vessels	61	1.6%	21	38.9%	82	2.1%
Service Ships						
Tugs						
Total	3,788	100%	54	100%	3,842	100%

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships	64	0.0%			64	0.0%
Container Ships	65,192	17.6%	449	9.9%	65,641	17.5%
Ro-Ro Cargo Ships	8,002	2.2%	60	1.3%	8,063	2.1%
Bulk Carriers	108,294	29.2%	1,325	29.3%	109,619	29.2%
Oil and Chemical Tankers	136,010	36.7%	1,012	22.4%	137,023	36.5%
Gas Tankers	34,260	9.2%	111	2.5%	34,371	9.2%
Other Tankers						
Passenger Ships	12,379	3.3%			12,379	3.3%
Offshore Vessels	6,453	1.7%	1,569	34.7%	8,022	2.1%
Service Ships						
Tugs						
Total	370,655	100%	4,527	100%	375,182	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Graph 83 - Number of very large ships, by P&I status****Graph 84 - Gross tonnage of very large ships, by P&I status**

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,128	11.2%	1,321	13.2%	1,116	21.7%	772	18.1%	4,337	14.7%
Specialized Cargo Ships	32	0.3%	22	0.2%	33	0.6%	61	1.4%	148	0.5%
Container Ships	1,615	16.0%	1,800	18.0%	679	13.2%	186	4.4%	4,280	14.5%
Ro-Ro Cargo Ships	330	3.3%	365	3.6%	205	4.0%	203	4.8%	1,103	3.7%
Bulk Carriers	2,330	23.1%	2,264	22.6%	1,157	22.5%	1,065	24.9%	6,816	23.1%
Oil and Chemical Tankers	2,935	29.0%	2,625	26.2%	1,113	21.7%	407	9.5%	7,080	24.0%
Gas Tankers	438	4.3%	343	3.4%	226	4.4%	130	3.0%	1,137	3.9%
Other Tankers							8	0.2%	8	0.0%
Passenger Ships	169	1.7%	436	4.4%	329	6.4%	413	9.7%	1,347	4.6%
Offshore Vessels	953	9.4%	630	6.3%	126	2.5%	639	15.0%	2,348	8.0%
Service Ships	75	0.7%	118	1.2%	125	2.4%	234	5.5%	552	1.9%
Tugs	99	1.0%	91	0.9%	30	0.6%	151	3.5%	371	1.3%
Total	10,104	100%	10,015	100%	5,139	100%	4,269	100%	29,527	100%

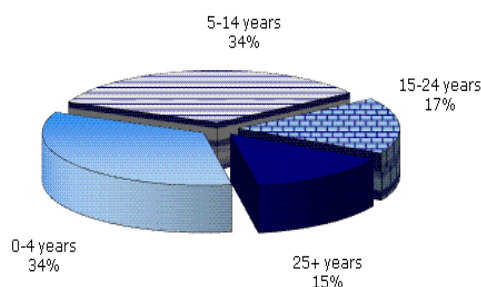
Source: Equasis

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

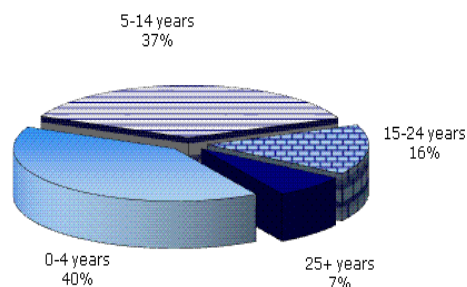
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	9,898	2.9%	10,774	3.5%	8,202	6.3%	6,356	10.4%	35,230	4.2%
Specialized Cargo Ships	412	0.1%	319	0.1%	876	0.7%	1,224	2.0%	2,832	0.3%
Container Ships	70,263	20.9%	61,053	19.6%	17,448	13.4%	4,137	6.8%	152,900	18.2%
Ro-Ro Cargo Ships	15,797	4.7%	13,121	4.2%	5,514	4.2%	4,474	7.3%	38,907	4.6%
Bulk Carriers	102,341	30.4%	85,783	27.5%	52,856	40.5%	26,791	43.9%	267,771	31.9%
Oil and Chemical Tankers	101,992	30.3%	111,737	35.8%	32,475	24.9%	3,900	6.4%	250,104	29.8%
Gas Tankers	24,684	7.3%	13,258	4.2%	4,925	3.8%	4,483	7.3%	47,350	5.6%
Other Tankers							18	0.0%	18	0.0%
Passenger Ships	6,643	2.0%	11,962	3.8%	5,708	4.4%	3,335	5.5%	27,649	3.3%
Offshore Vessels	3,761	1.1%	2,933	0.9%	1,895	1.5%	5,227	8.6%	13,816	1.6%
Service Ships	590	0.2%	975	0.3%	568	0.4%	904	1.5%	3,038	0.4%
Tugs	122	0.0%	100	0.0%	33	0.0%	147	0.2%	403	0.0%
Total	336,504	100%	312,017	100%	130,501	100%	60,996	100%	840,018	100%

Source: Equasis

Graph 85 - IGP&I world fleet GT≥500, by age



Graph 86 - Gross tonnage of IGP&I world fleet GT≥500, by age



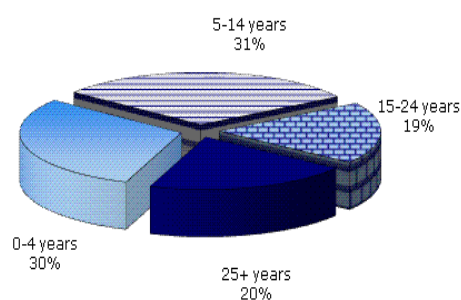
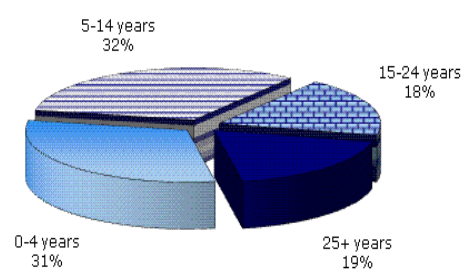
MEDIUM SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,078	20.8%	1,253	23.9%	1,068	32.5%	719	20.4%	4,118	23.9%
Specialized Cargo Ships	31	0.6%	19	0.4%	13	0.4%	38	1.1%	101	0.6%
Container Ships	574	11.1%	801	15.3%	397	12.1%	102	2.9%	1,874	10.9%
Ro-Ro Cargo Ships	33	0.6%	154	2.9%	111	3.4%	129	3.7%	427	2.5%
Bulk Carriers	627	12.1%	578	11.0%	332	10.1%	723	20.6%	2,260	13.1%
Oil and Chemical Tankers	1,447	28.0%	1,166	22.2%	703	21.4%	365	10.4%	3,681	21.4%
Gas Tankers	191	3.7%	196	3.7%	168	5.1%	73	2.1%	628	3.6%
Other Tankers							8	0.2%	8	0.0%
Passenger Ships	86	1.7%	257	4.9%	233	7.1%	383	10.9%	959	5.6%
Offshore Vessels	936	18.1%	612	11.7%	107	3.3%	595	16.9%	2,250	13.1%
Service Ships	70	1.4%	115	2.2%	125	3.8%	231	6.6%	541	3.1%
Tugs	99	1.9%	91	1.7%	30	0.9%	151	4.3%	371	2.2%
Total	5,172	100%	5,242	100%	3,287	100%	3,517	100%	17,218	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	8,236	18.1%	8,636	18.1%	6,805	25.0%	4,884	17.7%	28,561	19.3%
Specialized Cargo Ships	370	0.8%	200	0.4%	79	0.3%	426	1.5%	1,076	0.7%
Container Ships	7,647	16.8%	10,425	21.9%	5,108	18.8%	1,257	4.6%	24,437	16.5%
Ro-Ro Cargo Ships	563	1.2%	2,201	4.6%	1,215	4.5%	1,481	5.4%	5,460	3.7%
Bulk Carriers	10,325	22.7%	9,503	19.9%	5,419	19.9%	12,361	44.8%	37,608	25.4%
Oil and Chemical Tankers	12,865	28.3%	11,163	23.4%	4,980	18.3%	2,316	8.4%	31,324	21.2%
Gas Tankers	1,770	3.9%	1,422	3.0%	1,071	3.9%	498	1.8%	4,761	3.2%
Other Tankers							18	0.1%	18	0.0%
Passenger Ships	477	1.0%	1,606	3.4%	1,664	6.1%	2,354	8.5%	6,100	4.1%
Offshore Vessels	2,764	6.1%	1,585	3.3%	270	1.0%	1,053	3.8%	5,672	3.8%
Service Ships	399	0.9%	855	1.8%	568	2.1%	788	2.9%	2,611	1.8%
Tugs	122	0.3%	100	0.2%	33	0.1%	147	0.5%	403	0.3%
Total	45,538	100%	47,695	100%	27,213	100%	27,583	100%	148,030	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Graph 87 - IGP&I medium ships, by age****Graph 88 - Gross tonnage of IGP&I medium ships, by age**

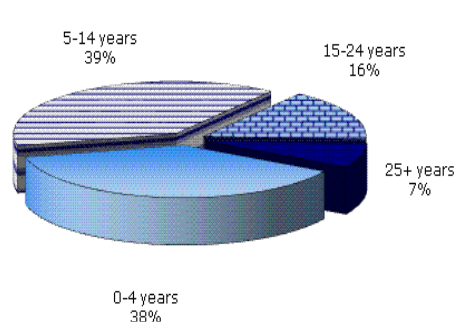
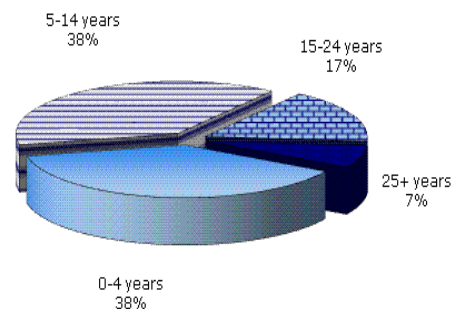
LARGE SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	50	1.5%	68	2.1%	48	3.5%	53	8.4%	219	2.6%
Specialized Cargo Ships	1	0.0%	3	0.1%	19	1.4%	23	3.6%	46	0.5%
Container Ships	643	19.9%	649	19.7%	264	19.5%	84	13.3%	1,640	19.2%
Ro-Ro Cargo Ships	219	6.8%	167	5.1%	94	6.9%	71	11.2%	551	6.5%
Bulk Carriers	1,228	37.9%	1,348	40.9%	528	39.0%	294	46.5%	3,398	39.9%
Oil and Chemical Tankers	961	29.7%	891	27.0%	279	20.6%	39	6.2%	2,170	25.5%
Gas Tankers	79	2.4%	53	1.6%	35	2.6%	24	3.8%	191	2.2%
Other Tankers										
Passenger Ships	40	1.2%	107	3.2%	81	6.0%	30	4.7%	258	3.0%
Offshore Vessels	10	0.3%	9	0.3%	7	0.5%	11	1.7%	37	0.4%
Service Ships	5	0.2%	3	0.1%			3	0.5%	11	0.1%
Tugs										
Total	3,236	100%	3,298	100%	1,355	100%	632	100%	8,521	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,662	1.3%	2,139	1.7%	1,397	2.6%	1,472	6.6%	6,669	2.1%
Specialized Cargo Ships	42	0.0%	120	0.1%	733	1.4%	798	3.6%	1,692	0.5%
Container Ships	24,793	20.1%	24,390	19.8%	11,209	21.1%	2,880	13.0%	63,271	19.7%
Ro-Ro Cargo Ships	10,292	8.4%	8,060	6.6%	4,299	8.1%	2,793	12.6%	25,444	7.9%
Bulk Carriers	46,083	37.4%	46,620	37.9%	18,788	35.4%	10,379	46.8%	121,870	37.9%
Oil and Chemical Tankers	34,620	28.1%	34,976	28.5%	11,855	22.3%	1,318	5.9%	82,769	25.8%
Gas Tankers	3,538	2.9%	2,261	1.8%	1,515	2.9%	1,015	4.6%	8,329	2.6%
Other Tankers										
Passenger Ships	1,416	1.1%	3,795	3.1%	2,978	5.6%	981	4.4%	9,169	2.9%
Offshore Vessels	468	0.4%	456	0.4%	334	0.6%	435	2.0%	1,692	0.5%
Service Ships	191	0.2%	120	0.1%			116	0.5%	427	0.1%
Tugs										
Total	123,104	100%	122,935	100%	53,107	100%	22,186	100%	321,333	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Graph 89 - IGP&I large ships, by age****Graph 90 - Gross tonnage of IGP&I large ships, by age**

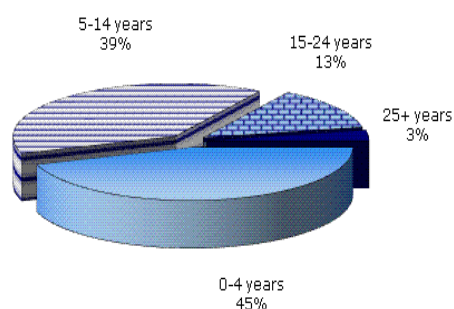
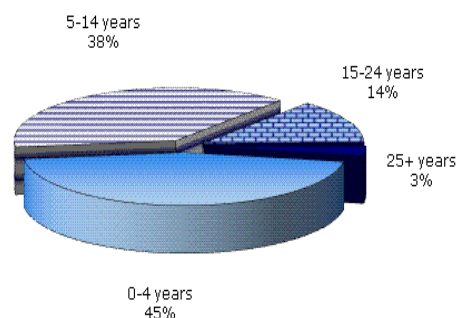
VERY LARGE SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships					1	0.2%			1	0.0%
Container Ships	398	23.5%	350	23.7%	18	3.6%			766	20.2%
Ro-Ro Cargo Ships	78	4.6%	44	3.0%			3	2.5%	125	3.3%
Bulk Carriers	475	28.0%	338	22.9%	297	59.8%	48	40.0%	1,158	30.6%
Oil and Chemical Tankers	527	31.1%	568	38.5%	131	26.4%	3	2.5%	1,229	32.4%
Gas Tankers	168	9.9%	94	6.4%	23	4.6%	33	27.5%	318	8.4%
Other Tankers										
Passenger Ships	43	2.5%	72	4.9%	15	3.0%			130	3.4%
Offshore Vessels	7	0.4%	9	0.6%	12	2.4%	33	27.5%	61	1.6%
Service Ships										
Tugs										
Total	1,696	100%	1,475	100%	497	100%	120	100%	3,788	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships					64	0.1%			64	0.0%
Container Ships	37,823	22.5%	26,238	18.6%	1,131	2.3%			65,192	17.6%
Ro-Ro Cargo Ships	4,942	2.9%	2,860	2.0%			200	1.8%	8,002	2.2%
Bulk Carriers	45,933	27.4%	29,661	21.0%	28,649	57.1%	4,051	36.1%	108,294	29.2%
Oil and Chemical Tankers	54,507	32.5%	65,598	46.4%	15,640	31.2%	266	2.4%	136,010	36.7%
Gas Tankers	19,376	11.5%	9,575	6.8%	2,338	4.7%	2,970	26.5%	34,260	9.2%
Other Tankers										
Passenger Ships	4,751	2.8%	6,562	4.6%	1,067	2.1%			12,379	3.3%
Offshore Vessels	529	0.3%	892	0.6%	1,292	2.6%	3,739	33.3%	6,453	1.7%
Service Ships										
Tugs										
Total	167,861	100%	141,386	100%	50,181	100%	11,227	100%	370,655	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Graph 91 - IGP&I very large ships, by age****Graph 92 - Gross tonnage of IGP&I very large ships, by age**

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

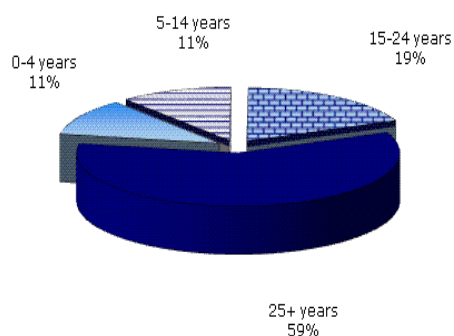
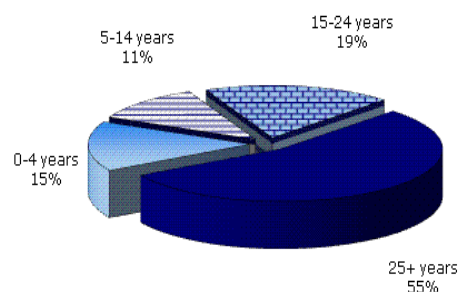
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	641	28.1%	817	35.7%	1,681	44.4%	5,751	47.7%	8,890	43.6%
Specialized Cargo Ships	4	0.2%	2	0.1%	6	0.2%	70	0.6%	82	0.4%
Container Ships	108	4.7%	192	8.4%	118	3.1%	154	1.3%	572	2.8%
Ro-Ro Cargo Ships	30	1.3%	58	2.5%	79	2.1%	258	2.1%	425	2.1%
Bulk Carriers	218	9.6%	132	5.8%	348	9.2%	1,012	8.4%	1,710	8.4%
Oil and Chemical Tankers	332	14.6%	256	11.2%	637	16.8%	1,733	14.4%	2,958	14.5%
Gas Tankers	42	1.8%	54	2.4%	84	2.2%	189	1.6%	369	1.8%
Other Tankers	1	0.0%	1	0.0%	2	0.1%	17	0.1%	21	0.1%
Passenger Ships	159	7.0%	323	14.1%	378	10.0%	745	6.2%	1,605	7.9%
Offshore Vessels	558	24.5%	218	9.5%	104	2.7%	926	7.7%	1,806	8.8%
Service Ships	115	5.0%	200	8.7%	276	7.3%	896	7.4%	1,487	7.3%
Tugs	71	3.1%	33	1.4%	69	1.8%	312	2.6%	485	2.4%
Total	2,279	100%	2,286	100%	3,782	100%	12,063	100%	20,410	100%

Source: Equasis

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2,231	17.0%	2,552	26.5%	4,884	30.2%	16,977	36.5%	26,644	31.2%
Specialized Cargo Ships	43	0.3%	6	0.1%	38	0.2%	327	0.7%	414	0.5%
Container Ships	1,521	11.6%	1,680	17.5%	1,091	6.8%	913	2.0%	5,205	6.1%
Ro-Ro Cargo Ships	359	2.7%	469	4.9%	445	2.8%	1,512	3.2%	2,786	3.3%
Bulk Carriers	3,942	30.1%	1,002	10.4%	4,331	26.8%	15,709	33.7%	24,984	29.2%
Oil and Chemical Tankers	1,748	13.3%	1,031	10.7%	2,747	17.0%	4,460	9.6%	9,986	11.7%
Gas Tankers	222	1.7%	81	0.8%	147	0.9%	341	0.7%	792	0.9%
Other Tankers	1	0.0%	1	0.0%	1	0.0%	19	0.0%	22	0.0%
Passenger Ships	629	4.8%	1,162	12.1%	1,439	8.9%	2,366	5.1%	5,596	6.6%
Offshore Vessels	1,798	13.7%	1,100	11.4%	212	1.3%	1,722	3.7%	4,833	5.7%
Service Ships	549	4.2%	497	5.2%	746	4.6%	1,928	4.1%	3,720	4.4%
Tugs	67	0.5%	38	0.4%	66	0.4%	275	0.6%	446	0.5%
Total	13,111	100%	9,621	100%	16,148	100%	46,548	100%	85,428	100%

Source: Equasis

Graph 93 - Non IGP&I world fleet GT≥500, by age**Graph 94 - Gross tonnage of non IGP&I world fleet GT≥500, by age**

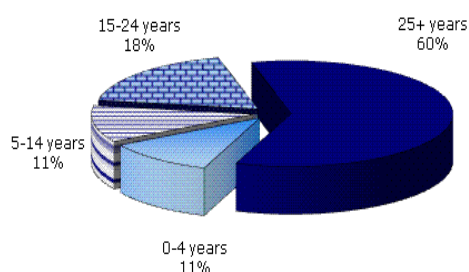
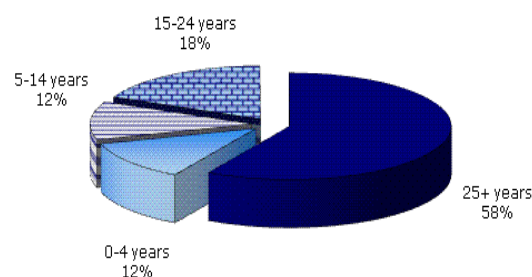
MEDIUM SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	641	29.5%	817	36.5%	1,681	45.8%	5,742	48.4%	8,881	44.5%
Specialized Cargo Ships	4	0.2%	2	0.1%	6	0.2%	68	0.6%	80	0.4%
Container Ships	97	4.5%	180	8.1%	113	3.1%	153	1.3%	543	2.7%
Ro-Ro Cargo Ships	28	1.3%	56	2.5%	77	2.1%	255	2.1%	416	2.1%
Bulk Carriers	146	6.7%	119	5.3%	270	7.4%	855	7.2%	1,390	7.0%
Oil and Chemical Tankers	326	15.0%	249	11.1%	616	16.8%	1,723	14.5%	2,914	14.6%
Gas Tankers	41	1.9%	54	2.4%	84	2.3%	188	1.6%	367	1.8%
Other Tankers	1	0.0%	1	0.0%	2	0.1%	17	0.1%	21	0.1%
Passenger Ships	156	7.2%	322	14.4%	375	10.2%	742	6.3%	1,595	8.0%
Offshore Vessels	545	25.1%	204	9.1%	104	2.8%	919	7.7%	1,772	8.9%
Service Ships	115	5.3%	199	8.9%	275	7.5%	894	7.5%	1,483	7.4%
Tugs	71	3.3%	33	1.5%	69	1.9%	312	2.6%	485	2.4%
Total	2,171	100%	2,236	100%	3,672	100%	11,868	100%	19,947	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2,231	27.8%	2,552	32.9%	4,884	40.2%	16,709	42.6%	26,376	39.3%
Specialized Cargo Ships	43	0.5%	6	0.1%	38	0.3%	258	0.7%	345	0.5%
Container Ships	806	10.0%	1,315	17.0%	920	7.6%	881	2.2%	3,922	5.8%
Ro-Ro Cargo Ships	247	3.1%	413	5.3%	388	3.2%	1,409	3.6%	2,457	3.7%
Bulk Carriers	1,216	15.1%	521	6.7%	1,762	14.5%	10,000	25.5%	13,499	20.1%
Oil and Chemical Tankers	1,174	14.6%	821	10.6%	1,673	13.8%	4,127	10.5%	7,795	11.6%
Gas Tankers	111	1.4%	81	1.0%	147	1.2%	297	0.8%	636	0.9%
Other Tankers	1	0.0%	1	0.0%	1	0.0%	19	0.0%	22	0.0%
Passenger Ships	553	6.9%	1,134	14.6%	1,349	11.1%	2,284	5.8%	5,320	7.9%
Offshore Vessels	1,030	12.8%	409	5.3%	212	1.7%	1,099	2.8%	2,750	4.1%
Service Ships	549	6.8%	464	6.0%	716	5.9%	1,864	4.8%	3,593	5.4%
Tugs	67	0.8%	38	0.5%	66	0.5%	275	0.7%	446	0.7%
Total	8,028	100%	7,755	100%	12,158	100%	39,221	100%	67,162	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Graph 95 - Non IGP&I medium ships, by age****Graph 96 - Gross tonnage of non IGP&I medium ships, by age**

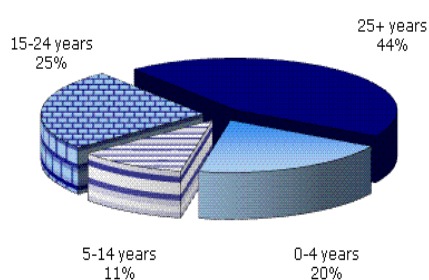
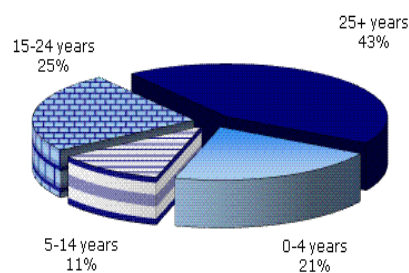
LARGE SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships							9	5.0%	9	2.2%
Specialized Cargo Ships							2	1.1%	2	0.5%
Container Ships	5	6.2%	12	27.3%	5	4.8%	1	0.6%	23	5.6%
Ro-Ro Cargo Ships	1	1.2%	2	4.5%	2	1.9%	3	1.7%	8	2.0%
Bulk Carriers	68	84.0%	13	29.5%	76	73.1%	147	81.7%	304	74.3%
Oil and Chemical Tankers	1	1.2%	7	15.9%	17	16.3%	10	5.6%	35	8.6%
Gas Tankers							1	0.6%	1	0.2%
Other Tankers										
Passenger Ships	3	3.7%	1	2.3%	3	2.9%	3	1.7%	10	2.4%
Offshore Vessels	3	3.7%	8	18.2%			2	1.1%	13	3.2%
Service Ships			1	2.3%	1	1.0%	2	1.1%	4	1.0%
Tugs										
Total	81	100%	44	100%	104	100%	180	100%	409	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships							268	1.2%	268	2.0%
Specialized Cargo Ships							68	0.3%	68	0.5%
Container Ships	267	9.2%	365	24.4%	170	5.0%	33	0.1%	835	6.1%
Ro-Ro Cargo Ships	52	1.8%	56	3.8%	57	1.7%	103	0.5%	268	2.0%
Bulk Carriers	2,359	81.0%	481	32.1%	2,429	71.8%	4,890	22.0%	10,160	73.9%
Oil and Chemical Tankers	27	0.9%	210	14.1%	609	18.0%	333	1.5%	1,179	8.6%
Gas Tankers							44	0.2%	44	0.3%
Other Tankers										
Passenger Ships	76	2.6%	28	1.9%	90	2.7%	82	0.4%	276	2.0%
Offshore Vessels	130	4.5%	322	21.5%			62	0.3%	514	3.7%
Service Ships			33	2.2%	30	0.9%	63	0.3%	127	0.9%
Tugs										
Total	2,912	100%	1,495	100%	3,385	100%	5,947	27%	13,739	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Graph 97 - Non IGP&I large ships, by age****Graph 98 - Gross tonnage of non IGP&I large ships, by age**

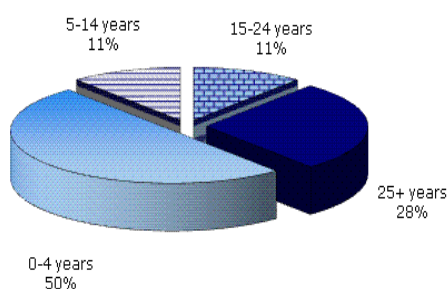
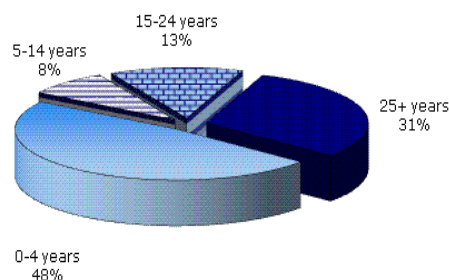
VERY LARGE SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	6	22.2%							6	11.1%
Ro-Ro Cargo Ships	1	3.7%							1	1.9%
Bulk Carriers	4	14.8%			2	33.3%	10	66.7%	16	29.6%
Oil and Chemical Tankers	5	18.5%			4	66.7%			9	16.7%
Gas Tankers	1	3.7%							1	1.9%
Other Tankers										
Passenger Ships										
Offshore Vessels	10	37.0%	6	100.0%			5	33.3%	21	38.9%
Service Ships										
Tugs										
Total	27	100%	6	100%	6	100%	15	100%	54	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	449	20.7%							449	9.9%
Ro-Ro Cargo Ships	60	2.8%							60	1.3%
Bulk Carriers	367	16.9%			140	23.1%	819	59.3%	1,325	29.3%
Oil and Chemical Tankers	546	25.2%			466	76.9%			1,012	22.4%
Gas Tankers	111	5.1%							111	2.5%
Other Tankers										
Passenger Ships										
Offshore Vessels	638	29.4%	370	100.0%			561	40.7%	1,569	34.7%
Service Ships										
Tugs										
Total	2,171	100%	370	100%	606	100%	1,380	100%	4,527	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Graph 99 - Non IGP&I very large ships, by age****Graph 100 - Gross tonnage of non IGP&I very large ships, by age**

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- 2010

Ship Type	Targeted flag			Non Targeted flag						
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total				
General Cargo Ships	2,067	18.7%	5,540	54.2%	7,607	2,270	12.3%	3,350	32.9%	5,620
Specialized Cargo Ships	43	0.4%	56	0.5%	99	105	0.6%	26	0.3%	131
Container Ships	1,297	11.8%	335	3.3%	1,632	2,983	16.1%	237	2.3%	3,220
Ro-Ro Cargo Ships	476	4.3%	217	2.1%	693	627	3.4%	208	2.0%	835
Bulk Carriers	3,272	29.6%	943	9.2%	4,215	3,544	19.2%	767	7.5%	4,311
Oil and Chemical Tankers	2,423	22.0%	1,262	12.4%	3,685	4,657	25.2%	1,696	16.6%	6,353
Gas Tankers	379	3.4%	139	1.4%	518	758	4.1%	230	2.3%	988
Other Tankers	6	0.1%	8	0.1%	14	2	0.0%	13	0.1%	15
Passenger Ships	352	3.2%	560	5.5%	912	995	5.4%	1,045	10.3%	2,040
Offshore Vessels	525	4.8%	570	5.6%	1,095	1,823	9.9%	1,236	12.1%	3,059
Service Ships	134	1.2%	476	4.7%	610	418	2.3%	1,011	9.9%	1,429
Tugs	63	0.6%	110	1.1%	173	308	1.7%	375	3.7%	683
Total	11,037	100%	10,216	100%	21,253	18,490	100%	10,194	100%	28,684

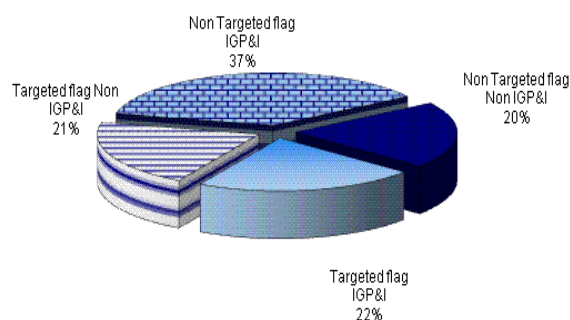
Source: Equasis

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

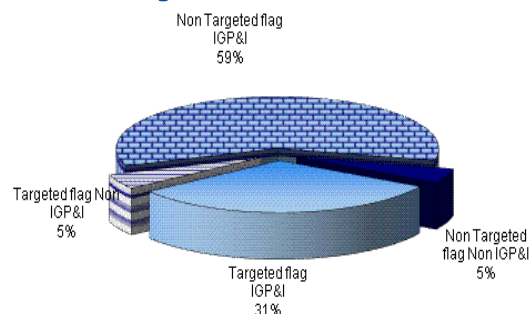
Ship Type	Targeted flag			Non Targeted flag						
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total				
General Cargo Ships	14,438	4.9%	16,221	37.6%	30,658	20,793	3.8%	10,423	24.7%	31,216
Specialized Cargo Ships	913	0.3%	221	0.5%	1,134	1,919	0.4%	193	0.5%	2,112
Container Ships	42,448	14.5%	2,864	6.6%	45,311	110,453	20.1%	2,341	5.5%	112,794
Ro-Ro Cargo Ships	17,611	6.0%	1,405	3.3%	19,017	21,296	3.9%	1,380	3.3%	22,676
Bulk Carriers	125,940	43.2%	13,579	31.5%	139,520	141,831	25.9%	11,405	27.0%	153,236
Oil and Chemical Tankers	67,577	23.2%	4,406	10.2%	71,983	182,527	33.3%	5,580	13.2%	188,107
Gas Tankers	10,111	3.5%	250	0.6%	10,361	37,239	6.8%	542	1.3%	37,781
Other Tankers	9	0.0%	8	0.0%	17	9	0.0%	14	0.0%	23
Passenger Ships	8,872	3.0%	2,170	5.0%	11,042	18,776	3.4%	3,426	8.1%	22,202
Offshore Vessels	3,239	1.1%	906	2.1%	4,145	10,577	1.9%	3,927	9.3%	14,504
Service Ships	601	0.2%	1,024	2.4%	1,626	2,437	0.4%	2,696	6.4%	5,132
Tugs	72	0.0%	93	0.2%	164	331	0.1%	353	0.8%	684
Total	291,830	100%	43,147	100%	334,978	548,187	100%	42,281	100%	590,468

Source: Equasis

Graph 101 -Total number of ships GT≥500, by P&I status and flag



Graph 102 -Gross tonnage of ships GT≥500, by P&I status and flag



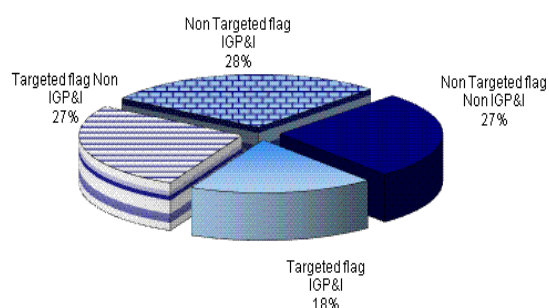
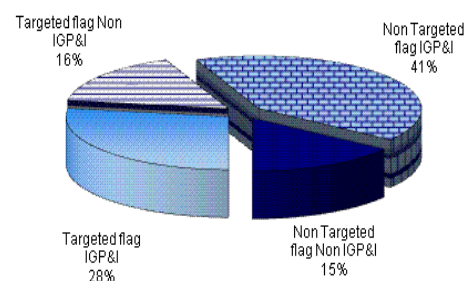
MEDIUM SHIPS

Table 107 - P&I status : total number of medium⁽¹⁾ ships, by type and flag- 2010

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	2,033	29.8%	5,534	55.3%	7,567	2,085	20.0%	3,347	33.7%	5,432
Specialized Cargo Ships	26	0.4%	55	0.5%	81	75	0.7%	25	0.3%	100
Container Ships	688	10.1%	322	3.2%	1,010	1,186	11.4%	221	2.2%	1,407
Ro-Ro Cargo Ships	154	2.3%	214	2.1%	368	273	2.6%	202	2.0%	475
Bulk Carriers	1,172	17.2%	792	7.9%	1,964	1,088	10.5%	598	6.0%	1,686
Oil and Chemical Tankers	1,567	23.0%	1,241	12.4%	2,808	2,114	20.3%	1,673	16.8%	3,787
Gas Tankers	256	3.8%	139	1.4%	395	372	3.6%	228	2.3%	600
Other Tankers	6	0.1%	8	0.1%	14	2	0.0%	13	0.1%	15
Passenger Ships	220	3.2%	555	5.5%	775	739	7.1%	1,040	10.5%	1,779
Offshore Vessels	496	7.3%	568	5.7%	1,064	1,754	16.9%	1,204	12.1%	2,958
Service Ships	132	1.9%	475	4.7%	607	409	3.9%	1,008	10.1%	1,417
Tugs	63	0.9%	110	1.1%	173	308	3.0%	375	3.8%	683
Total	6,813	100%	10,013	100%	16,826	10,405	100%	9,934	100%	20,339

Source: Equasis - ⁽¹⁾ 500≤GT<25,000**Table 108 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag- 2010**

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	13,464	22.8%	16,051	46.0%	29,515	15,097	17.0%	10,325	32.0%	25,422
Specialized Cargo Ships	302	0.5%	191	0.5%	493	774	0.9%	154	0.5%	928
Container Ships	8,501	14.4%	2,150	6.2%	10,650	15,937	17.9%	1,772	5.5%	17,709
Ro-Ro Cargo Ships	1,831	3.1%	1,284	3.7%	3,115	3,629	4.1%	1,173	3.6%	4,803
Bulk Carriers	18,543	31.3%	7,773	22.3%	26,316	19,065	21.5%	5,726	17.8%	24,790
Oil and Chemical Tankers	11,817	20.0%	3,287	9.4%	15,104	19,507	22.0%	4,508	14.0%	24,015
Gas Tankers	1,674	2.8%	250	0.7%	1,924	3,086	3.5%	387	1.2%	3,473
Other Tankers	9	0.0%	8	0.0%	17	9	0.0%	14	0.0%	23
Passenger Ships	1,406	2.4%	2,036	5.8%	3,442	4,695	5.3%	3,284	10.2%	7,978
Offshore Vessels	1,007	1.7%	812	2.3%	1,818	4,665	5.2%	1,938	6.0%	6,603
Service Ships	543	0.9%	995	2.8%	1,537	2,068	2.3%	2,599	8.1%	4,667
Tugs	72	0.1%	93	0.3%	164	331	0.4%	353	1.1%	684
Total	59,166	100%	34,930	100%	94,096	88,864	100%	32,232	100%	121,096

Source: Equasis - ⁽¹⁾ 500≤GT<25,000**Graph 103 -Total number of medium ships, by P&I status and flag****Graph 104 -Gross tonnage of medium ships, by P&I status and flag**

LARGE SHIPS

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

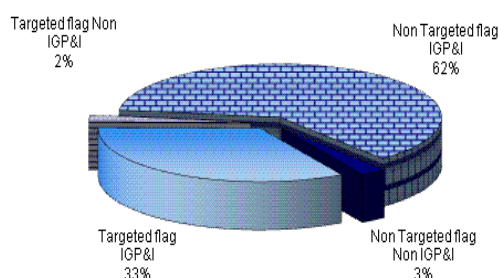
Ship Type	Targeted flag			Non Targeted flag						
	IGP&I		Non IGP&I		Total	IGP&I	Non IGP&I	Total		
General Cargo Ships	34	1.1%	6	3.4%	40	185	3.3%	3	1.3%	188
Specialized Cargo Ships	17	0.6%	1	0.6%	18	29	0.5%	1	0.4%	30
Container Ships	394	13.2%	7	3.9%	401	1,246	22.5%	16	6.9%	1,262
Ro-Ro Cargo Ships	269	9.0%	2	1.1%	271	282	5.1%	6	2.6%	288
Bulk Carriers	1,537	51.3%	140	78.7%	1,677	1,861	33.7%	164	71.0%	2,025
Oil and Chemical Tankers	574	19.2%	15	8.4%	589	1,596	28.9%	20	8.7%	1,616
Gas Tankers	69	2.3%			69	122	2.2%	1	0.4%	123
Other Tankers										
Passenger Ships	85	2.8%	5	2.8%	90	173	3.1%	5	2.2%	178
Offshore Vessels	13	0.4%	1	0.6%	14	24	0.4%	12	5.2%	36
Service Ships	2	0.1%	1	0.6%	3	9	0.2%	3	1.3%	12
Tugs										
Total	2,994	100%	178	100%	3,172	5,527	100%	231	100%	5,758

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

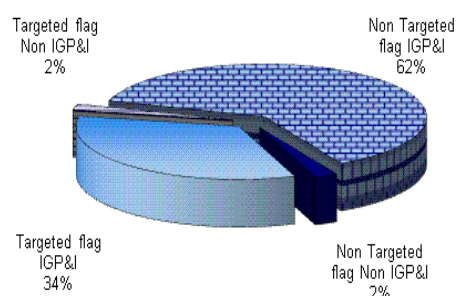
Ship Type	Targeted flag			Non Targeted flag						
	IGP&I		Non IGP&I		Total	IGP&I	Non IGP&I	Total		
General Cargo Ships	974	0.9%	169	2.8%	1,143	5,695	2.7%	99	1.3%	5,794
Specialized Cargo Ships	611	0.5%	30	0.5%	641	1,081	0.5%	39	0.5%	1,120
Container Ships	15,565	13.8%	265	4.3%	15,830	47,707	22.9%	569	7.5%	48,276
Ro-Ro Cargo Ships	12,447	11.0%	61	1.0%	12,508	12,997	6.2%	207	2.7%	13,204
Bulk Carriers	55,034	48.9%	4,889	80.1%	59,923	66,836	32.0%	5,270	69.0%	72,106
Oil and Chemical Tankers	21,400	19.0%	491	8.0%	21,891	61,369	29.4%	689	9.0%	62,057
Gas Tankers	2,963	2.6%			2,963	5,366	2.6%	44	0.6%	5,410
Other Tankers										
Passenger Ships	3,051	2.7%	134	2.2%	3,184	6,118	2.9%	142	1.9%	6,261
Offshore Vessels	552	0.5%	34	0.6%	586	1,140	0.5%	480	6.3%	1,619
Service Ships	59	0.1%	30	0.5%	88	368	0.2%	97	1.3%	465
Tugs										
Total	112,656	100%	6,103	100%	118,759	208,677	100%	7,636	100%	216,312

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

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



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



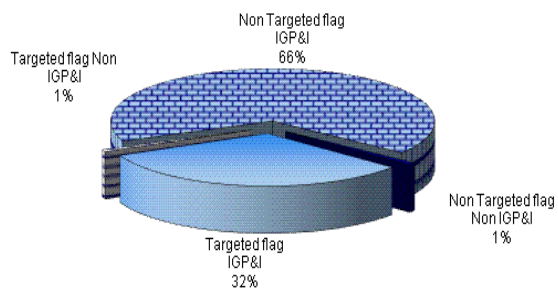
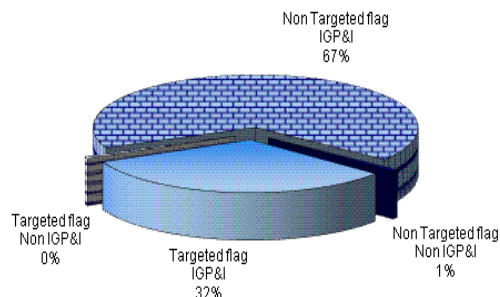
VERY LARGE SHIPS

Table 111 - P&I status : total number of very large⁽¹⁾ ships, by type and flag- 2010

Ship Type	Targeted flag			Non Targeted flag						
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total				
General Cargo Ships										
Specialized Cargo Ships				1	0.0%	1				
Container Ships	215	17.5%	6	24.0%	221	551	21.5%		551	
Ro-Ro Cargo Ships	53	4.3%	1	4.0%	54	72	2.8%		72	
Bulk Carriers	563	45.8%	11	44.0%	574	595	23.3%	5	17.2%	600
Oil and Chemical Tankers	282	22.9%	6	24.0%	288	947	37.0%	3	10.3%	950
Gas Tankers	54	4.4%			54	264	10.3%	1	3.4%	265
Other Tankers										
Passenger Ships	47	3.8%			47	83	3.2%			83
Offshore Vessels	16	1.3%	1	4.0%	17	45	1.8%	20	69.0%	65
Service Ships										
Tugs										
Total	1,230	100%	25	100%	1,255	2,558	100%	29	100%	2,587

Source: Equasis - ⁽¹⁾ GT≥60.000**Table 112 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag- 2010**

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				64	0.0%	64				
Container Ships	18,382	15.3%	449	21.2%	18,831	46,810	18.7%		46,810	
Ro-Ro Cargo Ships	3,333	2.8%	60	2.9%	3,393	4,669	1.9%		4,669	
Bulk Carriers	52,364	43.6%	917	43.4%	53,281	55,930	22.3%	408	16.9%	56,339
Oil and Chemical Tankers	34,359	28.6%	628	29.7%	34,988	101,651	40.6%	384	15.9%	102,035
Gas Tankers	5,473	4.6%			5,473	28,786	11.5%	111	4.6%	28,898
Other Tankers										
Passenger Ships	4,416	3.7%			4,416	7,964	3.2%			7,964
Offshore Vessels	1,681	1.4%	60	2.8%	1,741	4,772	1.9%	1,509	62.6%	6,282
Service Ships										
Tugs										
Total	120,008	100%	2,114	100%	122,122	250,647	100%	2,413	100%	253,060

Source: Equasis - ⁽¹⁾ GT≥60.000**Graph 107 -Total number of very large ships, by P&I status and flag****Graph 108 -Gross tonnage of very large ships, by P&I status and flag**

4.5. SAFETY PERFORMANCE

WHOLE FLEET GT≥500

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

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.17%	9.08%	6.33%
Specialized Cargo Ships	2.61%	16.94%	5.75%
Container Ships	1.40%	3.51%	1.57%
Ro-Ro Cargo Ships	1.67%	11.28%	2.68%
Bulk Carriers	3.25%	9.05%	3.98%
Oil and Chemical Tankers	1.43%	8.94%	1.90%
Gas Tankers	1.33%	10.92%	2.07%
Other Tankers	0.00%		0.00%
Passenger Ships	1.20%	3.84%	1.54%
Offshore Vessels	2.49%	5.82%	3.36%
Service Ships	1.46%	9.27%	5.01%
Tugs	6.40%	3.36%	5.28%
Total	2.35%	8.81%	3.98%

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

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

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.28%	9.08%	6.46%
Specialized Cargo Ships	2.84%	17.22%	6.91%
Container Ships	1.80%	3.55%	2.10%
Ro-Ro Cargo Ships	2.67%	11.68%	4.98%
Bulk Carriers	3.76%	9.48%	5.12%
Oil and Chemical Tankers	2.08%	9.29%	2.90%
Gas Tankers	2.02%	10.92%	3.07%
Other Tankers	0.00%		0.00%
Passenger Ships	1.70%	4.06%	2.31%
Offshore Vessels	2.52%	5.86%	3.40%
Service Ships	1.47%	9.14%	4.96%
Tugs	6.40%	3.36%	5.28%
Total	2.85%	8.89%	5.12%

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

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

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	1.43%	11.90%	1.71%
Specialized Cargo Ships	2.05%	0.00%	2.02%
Container Ships	1.36%	2.63%	1.37%
Ro-Ro Cargo Ships	1.32%	3.03%	1.34%
Bulk Carriers	2.98%	7.17%	3.18%
Oil and Chemical Tankers	0.92%	1.56%	0.92%
Gas Tankers	0.16%		0.16%
Other Tankers			
Passenger Ships	1.48%	0.00%	1.45%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%	33.33%	11.11%
Tugs			
Total	1.95%	6.48%	2.08%

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

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

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships			
Specialized Cargo Ships			
Container Ships	0.73%	4.00%	0.75%
Ro-Ro Cargo Ships	0.71%		0.71%
Bulk Carriers	2.77%	7.84%	2.83%
Oil and Chemical Tankers	0.47%	0.00%	0.47%
Gas Tankers	0.28%		0.28%
Other Tankers			
Passenger Ships	0.10%		0.10%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships			
Tugs			
Total	1.14%	5.49%	1.17%

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

Chapter 5

5. Port State Control

INTRODUCTION

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

SHIPS WITHOUT INSPECTION RECORD

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

A significant portion of this “without inspection record” fleet, particularly very large, large and medium ships could, potentially, be trading in the waters of these PSC regimes or commence trading to their ports. The inspection figures show the proportion of the fleet which have not been inspected by one of the four PSC regimes in the last 3 years. 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 49937 ships in the fleet included in Equasis over 500GT 62% (30944) were inspected at least once in the period 2008-2010 and 85% by

tonnage. Table 119 shows that the number of individual ships inspected increased steadily in the period 2002 to 2010 with a slight dip of 30 ships less in 2009 compared with 2008.

Regionally Table 120 and Graph 120 indicate that in 2010 there was a greater tendency towards multiple inspections of ships in the Tokyo MoU region than in the other regions.

A comparison of Tables 117 and 121 shows that of the 30944 individual ships inspected in at least one of the regions, 265 (0.8%) were inspected at least once in all four regions during 2010. 1573 (5%) were inspected in three regions. 6039 (19.5%) were inspected in two regions. The remaining 58.2% of the ships were inspected in only one of the regions.

Graph 122 shows that the vast majority (92.8%) of ships without an inspection record are in the medium-sized category. A comparison of Tables 1 and 122 shows that of the 37165 medium-sized ships 17642 (47%) have no record in 2010. For large and very large ships the proportion of ships without an inspection record falls to 9.6% and 12.6% respectively.

By age, just over half (51%) of ships without a record were over 25 years old (Graph 116). With respect to class, 19% have no class recorded while 34% were recorded as non-IACS members (Graphs 124).

5.1. INSPECTION FREQUENCY BETWEEN 2008 AND 2010

INSPECTIONS RECORDS IN EQUASIS

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

Ship type	Inspected		No record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	8,726	28.2%	4,501	23.7%	13,227	26.5%
Specialized Cargo Ships	171	0.6%	59	0.3%	230	0.5%
Container Ships	4,361	14.1%	491	2.6%	4,852	9.7%
Ro-Ro Cargo Ships	1,154	3.7%	374	2.0%	1,528	3.1%
Bulk Carriers	7,029	22.7%	1,497	7.9%	8,526	17.1%
Oil and Chemical Tankers	6,288	20.3%	3,750	19.7%	10,038	20.1%
Gas Tankers	982	3.2%	524	2.8%	1,506	3.0%
Other Tankers	2	0.0%	27	0.1%	29	0.1%
Passenger Ships	740	2.4%	2,212	11.6%	2,952	5.9%
Offshore Vessels	919	3.0%	3,235	17.0%	4,154	8.3%
Service Ships	440	1.4%	1,599	8.4%	2,039	4.1%
Tugs	132	0.4%	724	3.8%	856	1.7%
Total	30,944	100%	18,993	100%	49,937	100%

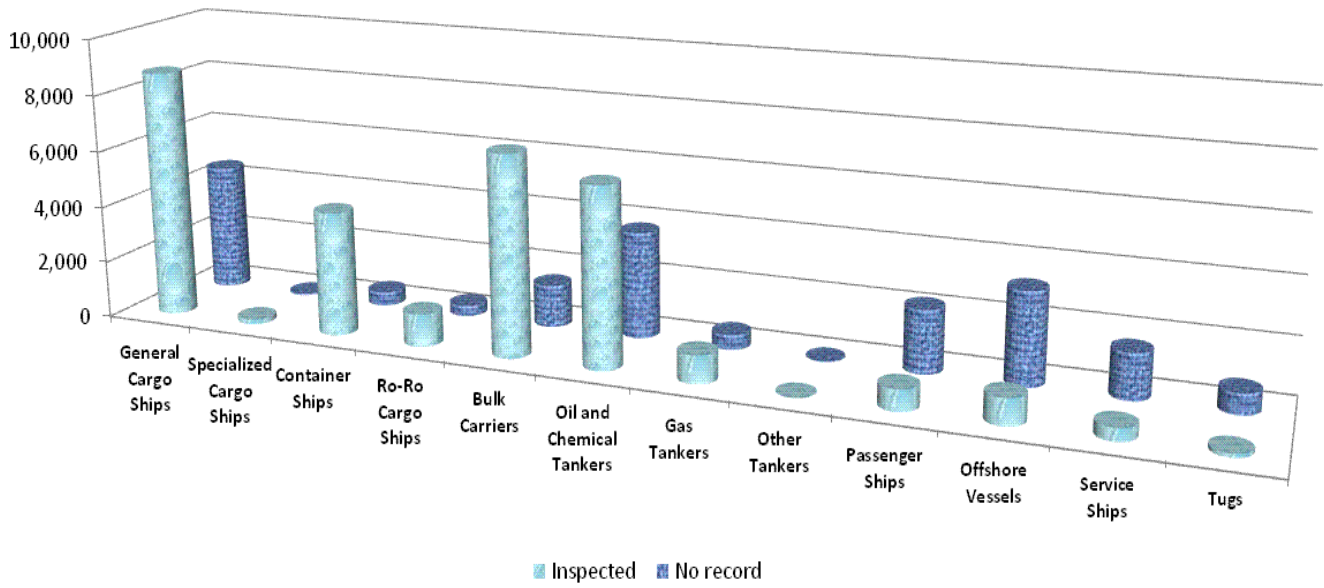
Source: Equasis - Paris MoU, Tokyo MoU, IO MoU, US Coast Guard

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

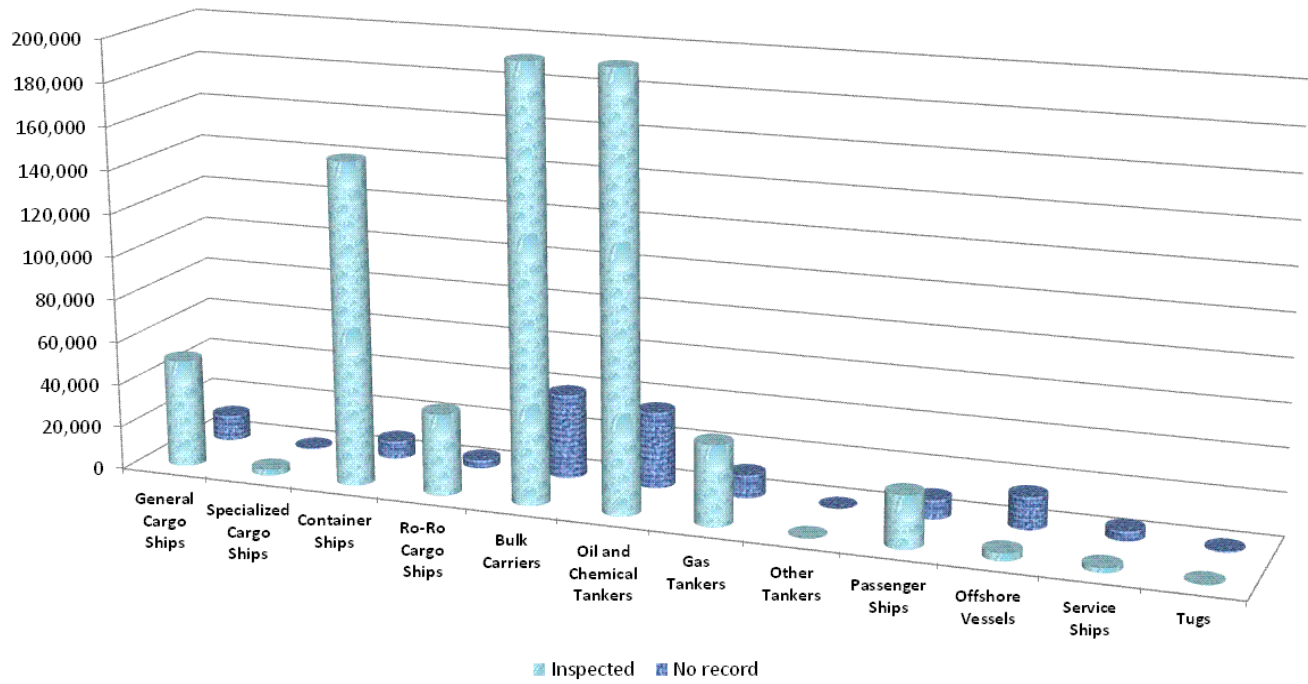
Ship type	Inspected		No record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	50,104	6.4%	11,771	8.5%	61,874	6.7%
Specialized Cargo Ships	2,775	0.4%	471	0.3%	3,246	0.4%
Container Ships	149,808	19.0%	8,297	6.0%	158,105	17.1%
Ro-Ro Cargo Ships	37,929	4.8%	3,764	2.7%	41,693	4.5%
Bulk Carriers	253,568	32.2%	39,188	28.2%	292,756	31.6%
Oil and Chemical Tankers	224,631	28.6%	35,459	25.5%	260,090	28.1%
Gas Tankers	37,442	4.8%	10,699	7.7%	48,141	5.2%
Other Tankers	10	0.0%	31	0.0%	40	0.0%
Passenger Ships	24,388	3.1%	8,856	6.4%	33,245	3.6%
Offshore Vessels	3,570	0.5%	15,080	10.9%	18,649	2.0%
Service Ships	2,207	0.3%	4,552	3.3%	6,758	0.7%
Tugs	172	0.0%	676	0.5%	848	0.1%
Total	786,603	100%	138,843	100%	925,446	100%

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

Graph 109 -Total number of inspected ships GT≥500 recorded in Equasis, by type



Graph 110 -Gross tonnage (in 1000 t) of inspected ships GT≥500 recorded in Equasis, by type



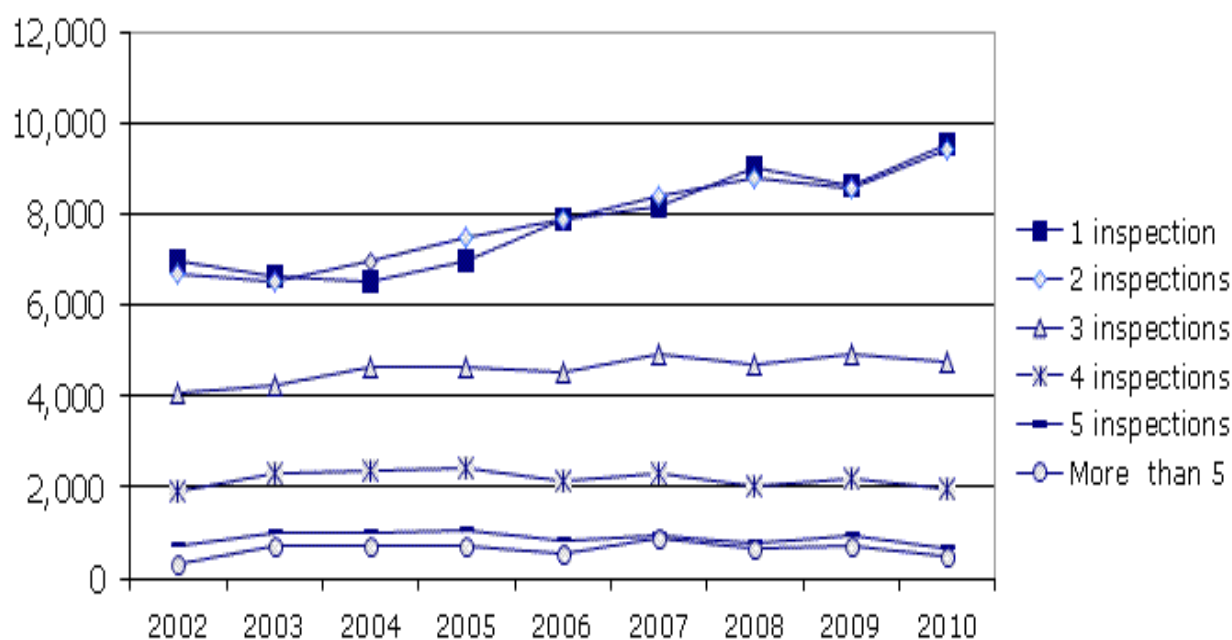
MULTIPLE INSPECTIONS

Table 119 - Total number of individual ships inspected^(*), by number of inspections per ship – 2002-2010

Number of inspections per ship	Number of ships inspected																	
	2002		2003		2004		2005		2006		2007		2008		2009		2010	
1	6,966	33.7%	6,640	31.0%	6,518	29.4%	6,998	30.1%	7,913	33.2%	8,166	31.9%	9,005	34.6%	8,637	33.2%	9,527	35.5%
2	6,691	32.4%	6,514	30.4%	6,956	31.4%	7,470	32.1%	7,898	33.1%	8,415	32.8%	8,818	33.9%	8,571	33.0%	9,413	35.1%
3	4,090	19.8%	4,233	19.7%	4,621	20.8%	4,627	19.9%	4,529	19.0%	4,939	19.3%	4,687	18.0%	4,949	19.0%	4,781	17.8%
4	1,908	9.2%	2,319	10.8%	2,374	10.7%	2,397	10.3%	2,127	8.9%	2,287	8.9%	2,041	7.8%	2,172	8.4%	1,969	7.3%
5	733	3.5%	1,027	4.8%	981	4.4%	1,049	4.5%	830	3.5%	972	3.8%	795	3.1%	934	3.6%	672	2.5%
More than 5	292	1.4%	700	3.3%	726	3.3%	703	3.0%	552	2.3%	859	3.4%	671	2.6%	724	2.8%	493	1.8%
Total	20,680	100%	21,433	100%	22,176	100%	23,244	100%	23,849	100%	25,638	100%	26,017	100%	25,987	100%	26,855	100%

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

Graph 111 -Total number of individual ships inspected^(*), by number of inspections per ship – 2002-2010



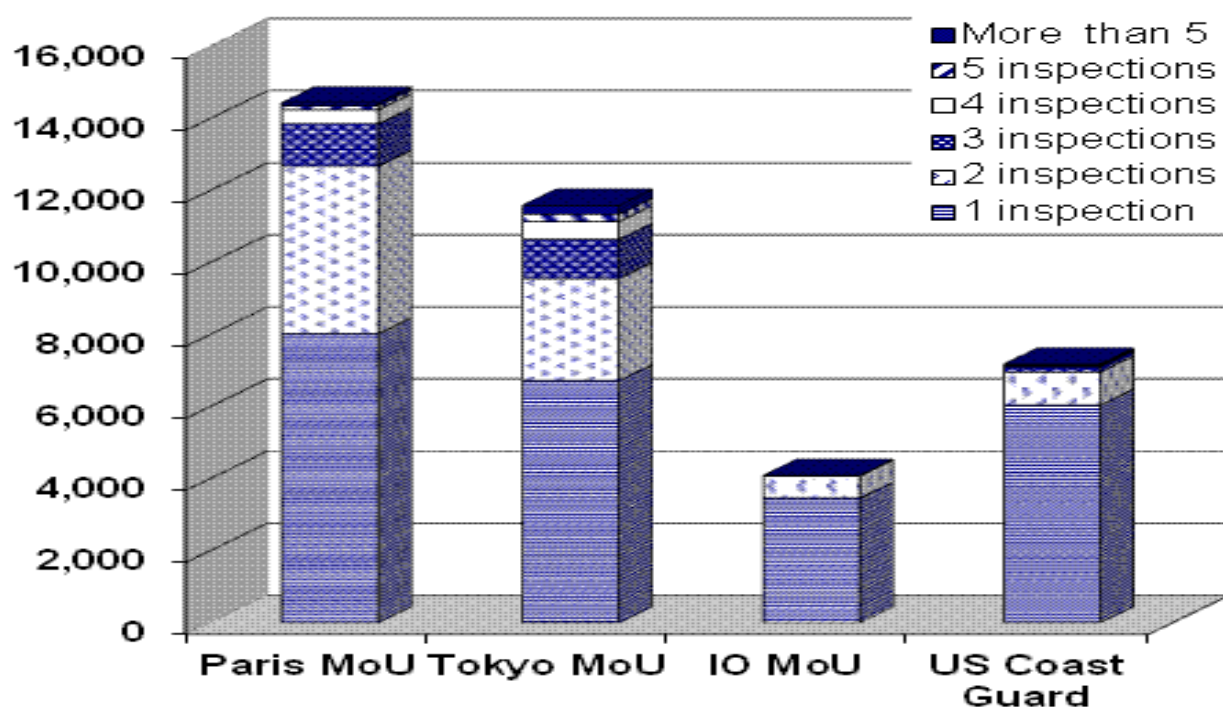
^(*) Existing ship types in Equasis

INSPECTION FREQUENCY BY PSC REGIONS

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

Number of inspections per ship	Number of ships inspected							
	Paris MoU		Tokyo MoU		IO MoU		US Coast Guard	
1	8,028	55.6%	6,726	58.0%	3,461	84.6%	6,045	84.2%
2	4,648	32.2%	2,830	24.4%	611	14.9%	915	12.7%
3	1,182	8.2%	1,095	9.4%	18	0.4%	158	2.2%
4	385	2.7%	485	4.2%			35	0.5%
5	105	0.7%	204	1.8%			14	0.2%
More than 5	88	0.6%	250	2.2%			13	0.2%
Total	14,436	100%	11,590	100%	4,090	100%	7,180	100%

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

Graph 112 -Total number of individual ships inspected^(*), by number of inspection per ship and PSC region

^(*) All existing ship types in Equasis

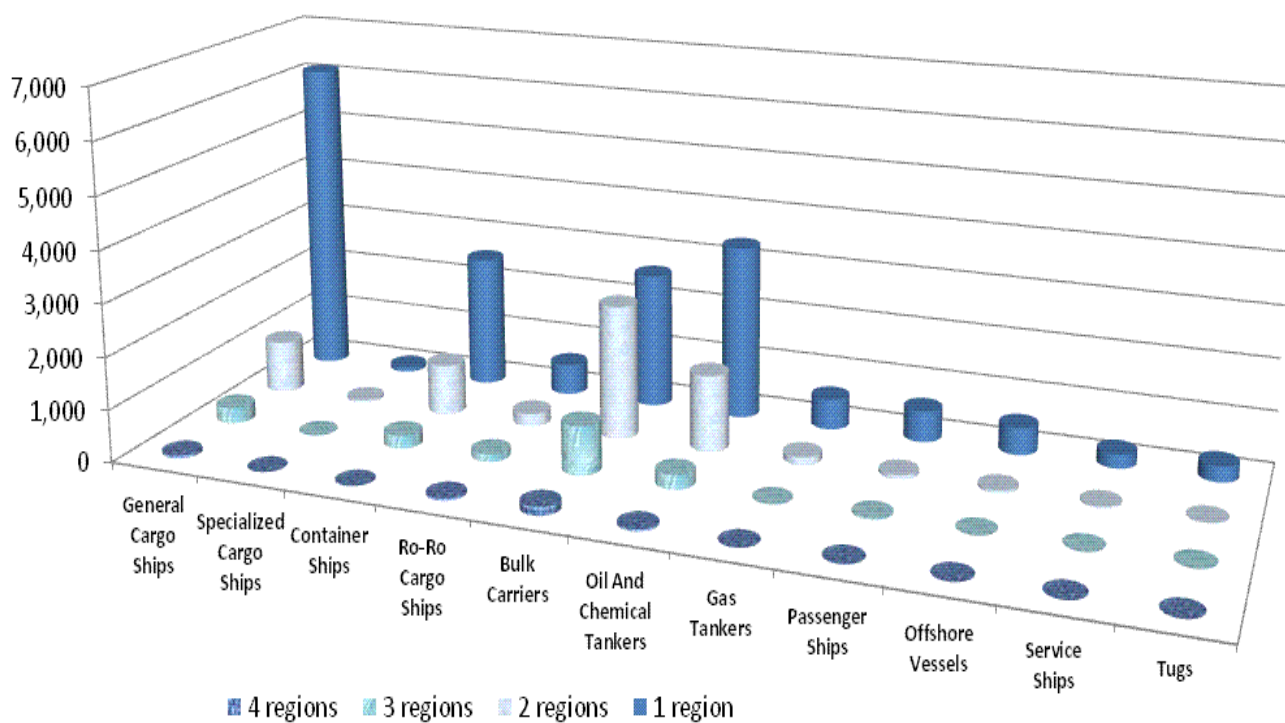
INSPECTIONS IN MORE THAN ONE REGION

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

Ship Type	Number of ships inspected							
	1 Region		2 Regions		3 Regions		4 Regions	
General Cargo Ships	6,823	37.9%	1,026	17.0%	252	16.0%	30	11.3%
Specialized Cargo Ships	78	0.4%	39	0.6%	8	0.5%	2	0.8%
Container Ships	2,488	13.8%	854	14.1%	186	11.8%	15	5.7%
Ro-Ro Cargo Ships	734	4.1%	264	4.4%	147	9.3%	44	16.6%
Bulk Carriers	2,454	13.6%	2,228	36.9%	773	49.1%	155	58.5%
Oil And Chemical Tankers	3,165	17.6%	1,327	22.0%	165	10.5%	13	4.9%
Gas Tankers	548	3.0%	114	1.9%	12	0.8%	0	0.0%
Other Tankers	82	0.5%	15	0.2%	0	0.0%	0	0.0%
Passenger Ships	607	3.4%	94	1.6%	25	1.6%	6	2.3%
Offshore Vessels	412	2.3%	46	0.8%	1	0.1%	0	0.0%
Service Ships	303	1.7%	21	0.3%	3	0.2%	0	0.0%
Tugs	328	1.8%	11	0.2%	1	0.1%	0	0.0%
Total	18,022	100%	6,039	100%	1,573	100%	265	100%

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

Graph 113 -Ships inspected per number of PSC regions, by type



5.2. SHIPS WITHOUT INSPECTION RECORD BETWEEN 2008 AND 2010

WHOLE FLEET GT≥500

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

Ship Type	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
General Cargo Ships	4,499	25.5%	2	0.2%			4,501	23.7%
Specialized Cargo Ships	55	0.3%	3	0.3%	1	0.2%	59	0.3%
Container Ships	386	2.2%	92	10.6%	13	2.7%	491	2.6%
Ro-Ro Cargo Ships	331	1.9%	36	4.2%	7	1.4%	374	2.0%
Bulk Carriers	956	5.4%	378	43.6%	163	33.6%	1,497	7.9%
Oil and Chemical Tankers	3,368	19.1%	234	27.0%	148	30.5%	3,750	19.7%
Gas Tankers	426	2.4%	21	2.4%	77	15.9%	524	2.8%
Other Tankers	27	0.2%					27	0.1%
Passenger Ships	2,163	12.3%	46	5.3%	3	0.6%	2,212	11.6%
Offshore Vessels	3,118	17.7%	44	5.1%	73	15.1%	3,235	17.0%
Service Ships	1,589	9.0%	10	1.2%			1,599	8.4%
Tugs	724	4.1%					724	3.8%
Total	17,642	100%	866	100%	485	100%	18,993	100%

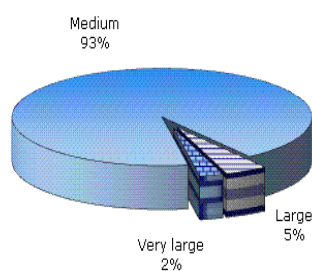
Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - ⁽²⁾ 25.000≤GT<60.000 - ⁽³⁾ GT≥60.000

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

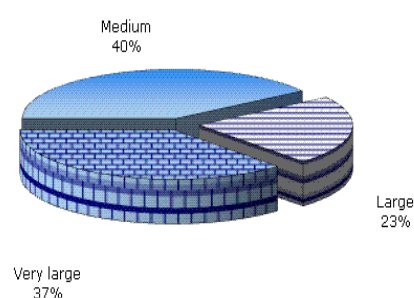
Ship Type	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
General Cargo Ships	11,697	20.8%	74	0.2%			11,771	8.5%
Specialized Cargo Ships	296	0.5%	111	0.4%	64	0.1%	471	0.3%
Container Ships	3,540	6.3%	3,302	10.5%	1,456	2.9%	8,297	6.0%
Ro-Ro Cargo Ships	1,980	3.5%	1,328	4.2%	456	0.9%	3,764	2.7%
Bulk Carriers	8,608	15.3%	13,570	43.0%	17,009	33.3%	39,188	28.2%
Oil and Chemical Tankers	10,853	19.3%	8,366	26.5%	16,240	31.8%	35,459	25.5%
Gas Tankers	1,313	2.3%	957	3.0%	8,429	16.5%	10,699	7.7%
Other Tankers	31	0.1%					31	0.0%
Passenger Ships	7,100	12.6%	1,482	4.7%	274	0.5%	8,856	6.4%
Offshore Vessels	5,919	10.5%	2,009	6.4%	7,152	14.0%	15,080	10.9%
Service Ships	4,194	7.5%	357	1.1%			4,552	3.3%
Tugs	676	1.2%					676	0.5%
Total	56,207	100%	31,555	100%	51,080	100%	138,843	100%

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

Graph 114 - Total number of ships GT≥500 without inspection record, by size



Graph 115 - Gross tonnage of ships GT≥500 without inspection record, by size



5.3. SHIPS WITHOUT INSPECTION RECORD BETWEEN 2008 AND 2010 - BY AGE

WHOLE FLEET >500GT

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	316	8.8%	331	12.5%	610	20.4%	3,244	33.3%	4,501	23.7%
Specialized Cargo Ships	16	0.4%	2	0.1%	4	0.1%	37	0.4%	59	0.3%
Container Ships	137	3.8%	108	4.1%	84	2.8%	162	1.7%	491	2.6%
Ro-Ro Cargo Ships	58	1.6%	65	2.5%	72	2.4%	179	1.8%	374	2.0%
Bulk Carriers	559	15.5%	120	4.5%	304	10.2%	514	5.3%	1,497	7.9%
Oil and Chemical Tankers	738	20.4%	423	16.0%	799	26.7%	1,790	18.4%	3,750	19.7%
Gas Tankers	109	3.0%	109	4.1%	98	3.3%	208	2.1%	524	2.8%
Other Tankers	1	0.0%	1	0.0%	2	0.1%	23	0.2%	27	0.1%
Passenger Ships	235	6.5%	519	19.6%	505	16.9%	953	9.8%	2,212	11.6%
Offshore Vessels	1,160	32.1%	630	23.8%	157	5.2%	1,288	13.2%	3,235	17.0%
Service Ships	150	4.2%	236	8.9%	271	9.1%	942	9.7%	1,599	8.4%
Tugs	130	3.6%	103	3.9%	87	2.9%	404	4.1%	724	3.8%
Total	3,609	100%	2,647	100%	2,993	100%	9,744	100%	18,993	100%

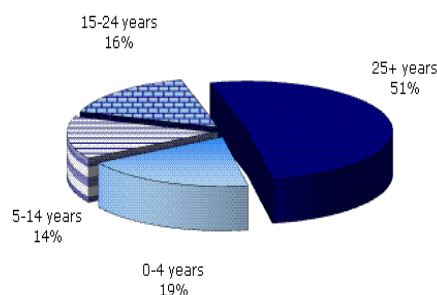
Source: Equasis

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

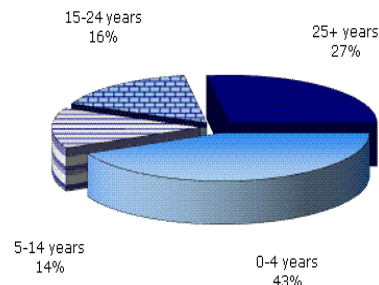
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,470	2.5%	588	3.1%	1,380	6.2%	8,333	21.9%	11,771	8.5%
Specialized Cargo Ships	206	0.3%	6	0.0%	70	0.3%	188	0.5%	471	0.3%
Container Ships	3,957	6.6%	1,291	6.8%	1,197	5.4%	1,853	4.9%	8,297	6.0%
Ro-Ro Cargo Ships	1,497	2.5%	708	3.7%	442	2.0%	1,118	2.9%	3,764	2.7%
Bulk Carriers	24,469	41.0%	946	5.0%	6,428	29.0%	7,344	19.3%	39,188	28.2%
Oil and Chemical Tankers	16,990	28.5%	5,554	29.4%	6,859	30.9%	6,056	15.9%	35,459	25.5%
Gas Tankers	4,608	7.7%	2,871	15.2%	1,498	6.7%	1,722	4.5%	10,699	7.7%
Other Tankers	1	0.0%	1	0.0%	1	0.0%	28	0.1%	31	0.0%
Passenger Ships	1,282	2.1%	2,899	15.4%	1,939	8.7%	2,737	7.2%	8,856	6.4%
Offshore Vessels	4,178	7.0%	3,182	16.9%	1,511	6.8%	6,208	16.3%	15,080	10.9%
Service Ships	835	1.4%	739	3.9%	791	3.6%	2,186	5.7%	4,552	3.3%
Tugs	141	0.2%	101	0.5%	81	0.4%	354	0.9%	676	0.5%
Total	59,633	100%	18,886	100%	22,197	100%	38,126	100%	138,843	100%

Source: Equasis

Graph 116 - Total number of ships GT≥500 without inspection record, by age



Graph 117 - Gross tonnage of ships GT≥500 without inspection record, by age



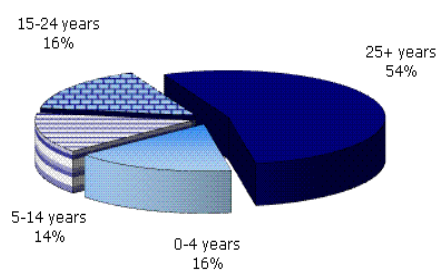
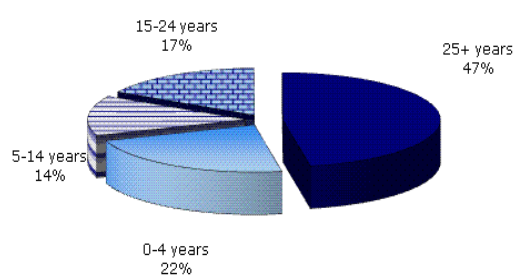
MEDIUM SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	316	10.9%	331	13.5%	610	22.0%	3,242	34.1%	4,499	25.5%
Specialized Cargo Ships	15	0.5%	2	0.1%	3	0.1%	35	0.4%	55	0.3%
Container Ships	83	2.9%	91	3.7%	74	2.7%	138	1.5%	386	2.2%
Ro-Ro Cargo Ships	33	1.1%	59	2.4%	69	2.5%	170	1.8%	331	1.9%
Bulk Carriers	204	7.0%	104	4.2%	215	7.8%	433	4.5%	956	5.4%
Oil and Chemical Tankers	550	18.9%	350	14.3%	714	25.8%	1,754	18.4%	3,368	19.1%
Gas Tankers	68	2.3%	84	3.4%	84	3.0%	190	2.0%	426	2.4%
Other Tankers	1	0.0%	1	0.0%	2	0.1%	23	0.2%	27	0.2%
Passenger Ships	224	7.7%	491	20.0%	498	18.0%	950	10.0%	2,163	12.3%
Offshore Vessels	1,135	39.1%	601	24.5%	142	5.1%	1,240	13.0%	3,118	17.7%
Service Ships	147	5.1%	234	9.5%	270	9.8%	938	9.9%	1,589	9.0%
Tugs	130	4.5%	103	4.2%	87	3.1%	404	4.2%	724	4.1%
Total	2,906	100%	2,451	100%	2,768	100%	9,517	100%	17,642	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,470	11.7%	588	7.6%	1,380	14.7%	8,259	31.1%	11,697	20.8%
Specialized Cargo Ships	164	1.3%	6	0.1%	6	0.1%	119	0.4%	296	0.5%
Container Ships	935	7.5%	743	9.6%	840	9.0%	1,020	3.8%	3,540	6.3%
Ro-Ro Cargo Ships	367	2.9%	433	5.6%	337	3.6%	844	3.2%	1,980	3.5%
Bulk Carriers	2,329	18.6%	422	5.5%	1,337	14.3%	4,521	17.0%	8,608	15.3%
Oil and Chemical Tankers	2,534	20.2%	1,319	17.1%	2,369	25.3%	4,630	17.4%	10,853	19.3%
Gas Tankers	381	3.0%	252	3.3%	244	2.6%	435	1.6%	1,313	2.3%
Other Tankers	1	0.0%	1	0.0%	1	0.0%	28	0.1%	31	0.1%
Passenger Ships	852	6.8%	1,876	24.3%	1,715	18.3%	2,658	10.0%	7,100	12.6%
Offshore Vessels	2,645	21.1%	1,299	16.9%	308	3.3%	1,666	6.3%	5,919	10.5%
Service Ships	720	5.7%	669	8.7%	762	8.1%	2,043	7.7%	4,194	7.5%
Tugs	141	1.1%	101	1.3%	81	0.9%	354	1.3%	676	1.2%
Total	12,539	100%	7,710	100%	9,380	100%	26,578	100%	56,207	100%

Source: Equasis / ⁽¹⁾ 500≤GT<25.000**Graph 118 - Total number of medium ships without inspection record, by age****Graph 119 - Gross tonnage of medium ships without inspection record, by age**

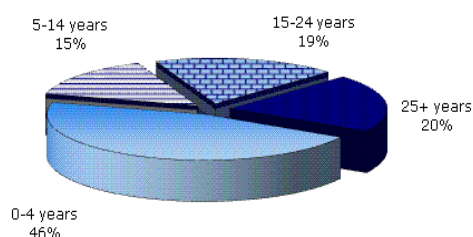
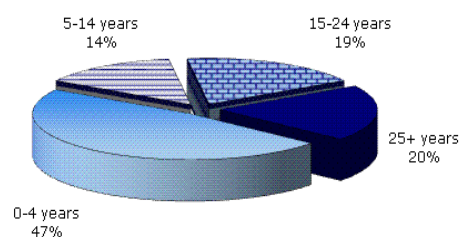
LARGE SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships							2	1.1%	2	0.2%
Specialized Cargo Ships	1	0.3%					2	1.1%	3	0.3%
Container Ships	41	10.3%	17	13.4%	10	6.1%	24	13.5%	92	10.6%
Ro-Ro Cargo Ships	20	5.0%	4	3.1%	3	1.8%	9	5.1%	36	4.2%
Bulk Carriers	216	54.4%	15	11.8%	67	40.9%	80	44.9%	378	43.6%
Oil and Chemical Tankers	89	22.4%	46	36.2%	66	40.2%	33	18.5%	234	27.0%
Gas Tankers	8	2.0%	1	0.8%	4	2.4%	8	4.5%	21	2.4%
Other Tankers										
Passenger Ships	9	2.3%	27	21.3%	7	4.3%	3	1.7%	46	5.3%
Offshore Vessels	10	2.5%	15	11.8%	6	3.7%	13	7.3%	44	5.1%
Service Ships	3	0.8%	2	1.6%	1	0.6%	4	2.2%	10	1.2%
Tugs										
Total	397	100%	127	100%	164	100%	178	100%	866	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships							74	1.2%	74	0.2%
Specialized Cargo Ships	42	0.3%					69	1.1%	111	0.4%
Container Ships	1,565	10.4%	548	12.4%	356	6.1%	832	13.4%	3,302	10.5%
Ro-Ro Cargo Ships	805	5.4%	144	3.2%	105	1.8%	274	4.4%	1,328	4.2%
Bulk Carriers	8,178	54.5%	435	9.8%	2,211	37.6%	2,747	44.2%	13,570	43.0%
Oil and Chemical Tankers	3,180	21.2%	1,530	34.5%	2,495	42.4%	1,160	18.7%	8,366	26.5%
Gas Tankers	381	2.5%	49	1.1%	181	3.1%	346	5.6%	957	3.0%
Other Tankers										
Passenger Ships	236	1.6%	943	21.3%	224	3.8%	79	1.3%	1,482	4.7%
Offshore Vessels	514	3.4%	717	16.2%	282	4.8%	496	8.0%	2,009	6.4%
Service Ships	115	0.8%	70	1.6%	30	0.5%	143	2.3%	357	1.1%
Tugs										
Total	15,017	100%	4,435	100%	5,883	100%	6,219	100%	31,555	100%

Source: Equasis / ⁽¹⁾ 25.000≤GT<60.000**Graph 120 - Total number of large ships without inspection record, by age****Graph 121 - Gross tonnage of large ships without inspection record, by age**

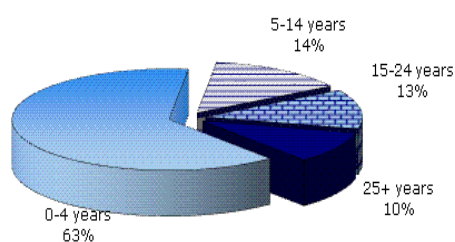
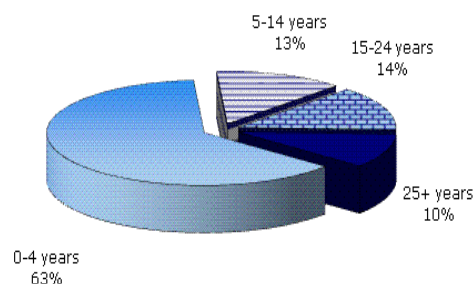
VERY LARGE SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships					1	1.6%			1	0.2%
Container Ships	13	4.2%							13	2.7%
Ro-Ro Cargo Ships	5	1.6%	2	2.9%					7	1.4%
Bulk Carriers	139	45.4%	1	1.4%	22	36.1%	1	2.0%	163	33.6%
Oil and Chemical Tankers	99	32.4%	27	39.1%	19	31.1%	3	6.1%	148	30.5%
Gas Tankers	33	10.8%	24	34.8%	10	16.4%	10	20.4%	77	15.9%
Other Tankers										
Passenger Ships	2	0.7%	1	1.4%					3	0.6%
Offshore Vessels	15	4.9%	14	20.3%	9	14.8%	35	71.4%	73	15.1%
Service Ships										
Tugs										
Total	306	100%	69	100%	61	100%	49	100%	485	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships					64	0.9%			64	0.1%
Container Ships	1,456	4.5%							1,456	2.9%
Ro-Ro Cargo Ships	325	1.0%	131	1.9%					456	0.9%
Bulk Carriers	13,963	43.5%	89	1.3%	2,881	41.6%	77	1.4%	17,009	33.3%
Oil and Chemical Tankers	11,275	35.2%	2,705	40.1%	1,994	28.8%	266	5.0%	16,240	31.8%
Gas Tankers	3,845	12.0%	2,570	38.1%	1,073	15.5%	941	17.7%	8,429	16.5%
Other Tankers										
Passenger Ships	194	0.6%	80	1.2%					274	0.5%
Offshore Vessels	1,019	3.2%	1,166	17.3%	921	13.3%	4,046	75.9%	7,152	14.0%
Service Ships										
Tugs										
Total	32,076	100%	6,741	100%	6,934	100%	5,330	100%	51,080	100%

Source: Equasis / ⁽¹⁾GT≥60.000**Graph 122 - Total number of very large ships without inspection record, by age****Graph 123 - Gross tonnage of very large ships without inspection record, by age**

5.4. SHIPS WITHOUT INSPECTION RECORD BETWEEN 2008 AND 2010 - BY CLASS

WHOLE FLEET GT≥500

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships	657	7.3%	2,494	39.0%	1,350	37.9%	4,501	23.7%
Specialized Cargo ships	26	0.3%	21	0.3%	12	0.3%	59	0.3%
Container ships	328	3.6%	119	1.9%	44	1.2%	491	2.6%
Ro-Ro Cargo ships	223	2.5%	94	1.5%	57	1.6%	374	2.0%
Bulk Carriers	771	8.5%	495	7.7%	231	6.5%	1,497	7.9%
Oil and Chemical Tankers	1,961	21.7%	1,112	17.4%	677	19.0%	3,750	19.7%
Gas Tankers	369	4.1%	60	0.9%	95	2.7%	524	2.8%
Other Tankers	10	0.1%	8	0.1%	9	0.3%	27	0.1%
Passenger ships	766	8.5%	1,041	16.3%	405	11.4%	2,212	11.6%
Offshore Vessels	2,732	30.2%	257	4.0%	246	6.9%	3,235	17.0%
Service ships	709	7.8%	553	8.7%	337	9.5%	1,599	8.4%
Tugs	489	5.4%	137	2.1%	98	2.8%	724	3.8%
Total	9,041	100%	6,391	100%	3,561	100%	18,993	100%

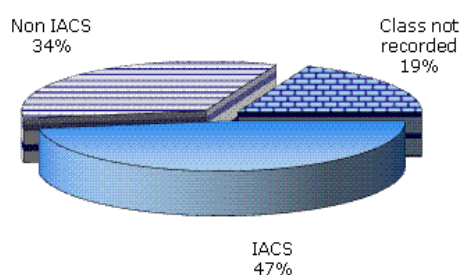
Source: Equasis - IACS membership on 31/12/2010

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

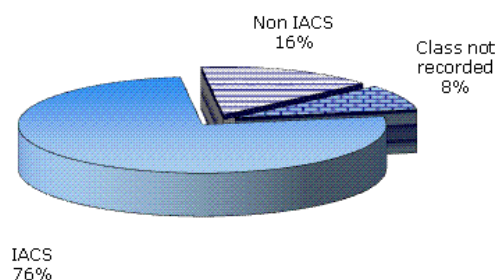
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships	2,693	2.6%	5,172	23.9%	3,906	33.0%	11,771	8.5%
Specialized Cargo ships	314	0.3%	121	0.6%	36	0.3%	471	0.3%
Container ships	7,484	7.1%	590	2.7%	223	1.9%	8,297	6.0%
Ro-Ro Cargo ships	3,033	2.9%	495	2.3%	235	2.0%	3,764	2.7%
Bulk Carriers	28,303	26.9%	7,563	34.9%	3,321	28.1%	39,188	28.2%
Oil and Chemical Tankers	31,129	29.6%	2,822	13.0%	1,507	12.7%	35,459	25.5%
Gas Tankers	10,257	9.7%	316	1.5%	126	1.1%	10,699	7.7%
Other Tankers	12	0.0%	9	0.0%	10	0.1%	31	0.0%
Passenger ships	4,989	4.7%	2,856	13.2%	1,012	8.6%	8,856	6.4%
Offshore Vessels	13,809	13.1%	689	3.2%	582	4.9%	15,080	10.9%
Service ships	2,829	2.7%	940	4.3%	783	6.6%	4,552	3.3%
Tugs	481	0.5%	110	0.5%	86	0.7%	676	0.5%
Total	105,332	100%	21,684	100%	11,827	100%	138,843	100%

Source: Equasis - IACS membership on 31/12/2010

Graph 124 - Total number of ships GT≥500 without inspection record, by class



Graph 125 - Gross tonnage of ships GT≥500 without inspection record, by class



MEDIUM SHIPS

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

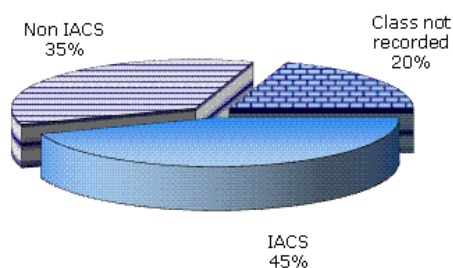
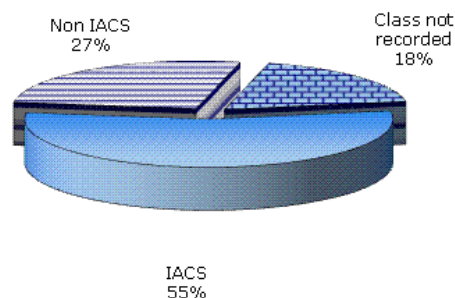
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships	655	8.3%	2,494	39.9%	1,350	38.4%	4,499	25.5%
Specialized Cargo ships	24	0.3%	19	0.3%	12	0.3%	55	0.3%
Container ships	225	2.9%	117	1.9%	44	1.3%	386	2.2%
Ro-Ro Cargo ships	184	2.3%	91	1.5%	56	1.6%	331	1.9%
Bulk Carriers	379	4.8%	377	6.0%	200	5.7%	956	5.4%
Oil and Chemical Tankers	1,592	20.2%	1,102	17.6%	674	19.2%	3,368	19.1%
Gas Tankers	274	3.5%	57	0.9%	95	2.7%	426	2.4%
Other Tankers	10	0.1%	8	0.1%	9	0.3%	27	0.2%
Passenger ships	719	9.1%	1,040	16.6%	404	11.5%	2,163	12.3%
Offshore Vessels	2,623	33.3%	253	4.0%	242	6.9%	3,118	17.7%
Service ships	701	8.9%	553	8.9%	335	9.5%	1,589	9.0%
Tugs	489	6.2%	137	2.2%	98	2.8%	724	4.1%
Total	7,875	100%	6,248	100%	3,519	100%	17,642	100%

Source: Equasis - ⁽¹⁾ 500sGT<25.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships	2,619	8.5%	5,172	34.5%	3,906	37.8%	11,697	20.8%
Specialized Cargo ships	208	0.7%	52	0.3%	36	0.3%	296	0.5%
Container ships	2,796	9.1%	521	3.5%	223	2.2%	3,540	6.3%
Ro-Ro Cargo ships	1,459	4.7%	313	2.1%	208	2.0%	1,980	3.5%
Bulk Carriers	3,980	12.9%	2,230	14.9%	2,399	23.2%	8,608	15.3%
Oil and Chemical Tankers	7,007	22.7%	2,464	16.4%	1,383	13.4%	10,853	19.3%
Gas Tankers	1,063	3.4%	124	0.8%	126	1.2%	1,313	2.3%
Other Tankers	12	0.0%	9	0.1%	10	0.1%	31	0.1%
Passenger ships	3,387	11.0%	2,726	18.2%	987	9.6%	7,100	12.6%
Offshore Vessels	5,329	17.2%	330	2.2%	260	2.5%	5,919	10.5%
Service ships	2,554	8.3%	940	6.3%	700	6.8%	4,194	7.5%
Tugs	481	1.6%	110	0.7%	86	0.8%	676	1.2%
Total	30,895	100%	14,990	100%	10,323	100%	56,207	100%

Source: Equasis - ⁽¹⁾ 500sGT<25.000 - IACS membership on 31/12/2010

Graph 126 - Total number of medium ships without inspection record, by class**Graph 127 - Gross tonnage of medium ships without inspection record, by class**

LARGE SHIPS

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

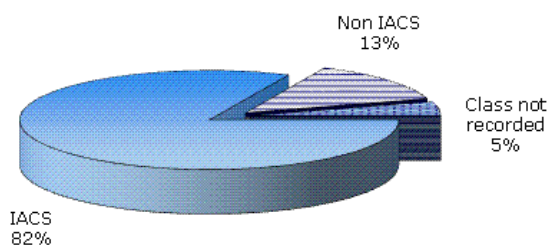
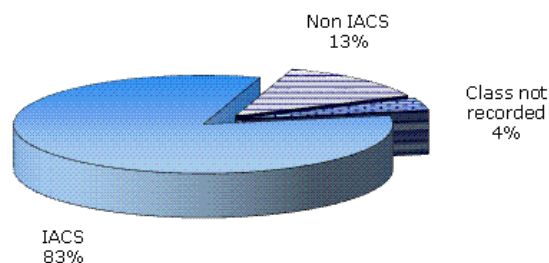
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships	2	0.3%					2	0.2%
Specialized Cargo ships	1	0.1%	2	1.7%			3	0.3%
Container ships	90	12.7%	2	1.7%			92	10.6%
Ro-Ro Cargo ships	34	4.8%	1	0.9%	1	2.5%	36	4.2%
Bulk Carriers	248	35.0%	99	84.6%	31	77.5%	378	43.6%
Oil and Chemical Tankers	221	31.2%	10	8.5%	3	7.5%	234	27.0%
Gas Tankers	19	2.7%	2	1.7%			21	2.4%
Other Tankers								
Passenger ships	45	6.3%			1	2.5%	46	5.3%
Offshore Vessels	41	5.8%	1	0.9%	2	5.0%	44	5.1%
Service ships	8	1.1%			2	5.0%	10	1.2%
Tugs								
Total	709	100%	117	100%	40	100%	866	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships	74	0.3%					74	0.2%
Specialized Cargo ships	42	0.2%	69	1.6%			111	0.4%
Container ships	3,232	12.4%	70	1.7%			3,302	10.5%
Ro-Ro Cargo ships	1,241	4.8%	59	1.4%	28	2.2%	1,328	4.2%
Bulk Carriers	9,161	35.1%	3,486	83.1%	922	71.6%	13,570	43.0%
Oil and Chemical Tankers	7,883	30.2%	359	8.6%	124	9.6%	8,366	26.5%
Gas Tankers	863	3.3%	94	2.2%			957	3.0%
Other Tankers								
Passenger ships	1,457	5.6%			25	1.9%	1,482	4.7%
Offshore Vessels	1,843	7.1%	59	1.4%	107	8.3%	2,009	6.4%
Service ships	275	1.1%			82	6.4%	357	1.1%
Tugs								
Total	26,072	100%	4,195	100%	1,289	100%	31,555	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2010

Graph 128 - Total number of large ships without inspection record, by class**Graph 129 - Gross tonnage of large ships without inspection record, by class**

VERY LARGE SHIPS

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

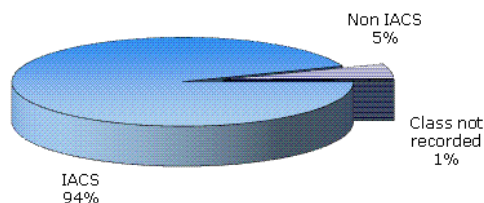
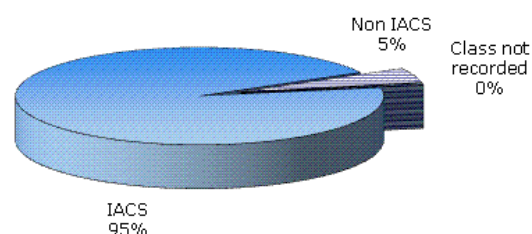
Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships								
Specialized Cargo ships	1	0.2%					1	0.2%
Container ships	13	2.8%					13	2.7%
Ro-Ro Cargo ships	5	1.1%	2	7.7%			7	1.4%
Bulk Carriers	144	31.5%	19	73.1%			163	33.6%
Oil and Chemical Tankers	148	32.4%					148	30.5%
Gas Tankers	76	16.6%	1	3.8%			77	15.9%
Other Tankers								
Passenger ships	2	0.4%	1	3.8%			3	0.6%
Offshore Vessels	68	14.9%	3	11.5%	2	100.0%	73	15.1%
Service ships								
Tugs								
Total	457	100%	26	100%	2	100%	485	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2010

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

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo ships								
Specialized Cargo ships	64	0.1%					64	0.1%
Container ships	1,456	3.0%					1,456	2.9%
Ro-Ro Cargo ships	332	0.7%	123	4.9%			456	0.9%
Bulk Carriers	15,162	31.3%	1,847	73.9%			17,009	33.3%
Oil and Chemical Tankers	16,240	33.6%					16,240	31.8%
Gas Tankers	8,331	17.2%	98	3.9%			8,429	16.5%
Other Tankers								
Passenger ships	144	0.3%	130	5.2%			274	0.5%
Offshore Vessels	6,636	13.7%	301	12.0%	216	100.0%	7,152	14.0%
Service ships								
Tugs								
Total	48,366	100%	2,499	100%	216	100%	51,080	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2010

Graph 130 - Total number of very large ships without inspection record, by class**Graph 131 - Gross tonnage of very large ships without inspection record, by class**

5.5. SHIPS WITHOUT INSPECTION RECORD BETWEEN 2008 AND 2010 - BY FLAG

WHOLE FLEET GT≥500

Table 140 - Total number of ships GT≥500 with/without inspection record, by type and flag

Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	5,404	37.1%	2,203	32.9%	7,607	35.8%	3,322	20.3%	2,298	18.7%	5,620	19.6%
Specialized Cargo Ships	68	0.5%	31	0.5%	99	0.5%	103	0.6%	28	0.2%	131	0.5%
Container Ships	1,463	10.0%	169	2.5%	1,632	7.7%	2,898	17.7%	322	2.6%	3,220	11.2%
Ro-Ro Cargo Ships	569	3.9%	124	1.9%	693	3.3%	585	3.6%	250	2.0%	835	2.9%
Bulk Carriers	3,725	25.6%	490	7.3%	4,215	19.8%	3,304	20.2%	1,007	8.2%	4,311	15.0%
Oil and Chemical Tankers	2,301	15.8%	1,384	20.7%	3,685	17.3%	3,987	24.3%	2,366	19.2%	6,353	22.1%
Gas Tankers	351	2.4%	167	2.5%	518	2.4%	631	3.9%	357	2.9%	988	3.4%
Other Tankers	1	0.0%	13	0.2%	14	0.1%	1	0.0%	14	0.1%	15	0.1%
Passenger Ships	245	1.7%	667	10.0%	912	4.3%	495	3.0%	1,545	12.6%	2,040	7.1%
Offshore Vessels	250	1.7%	845	12.6%	1,095	5.2%	669	4.1%	2,390	19.4%	3,059	10.7%
Service Ships	137	0.9%	473	7.1%	610	2.9%	303	1.8%	1,126	9.2%	1,429	5.0%
Tugs	48	0.3%	125	1.9%	173	0.8%	84	0.5%	599	4.9%	683	2.4%
Total	14,562	100%	6,691	100%	21,253	100%	16,382	100%	12,302	100%	28,684	100%

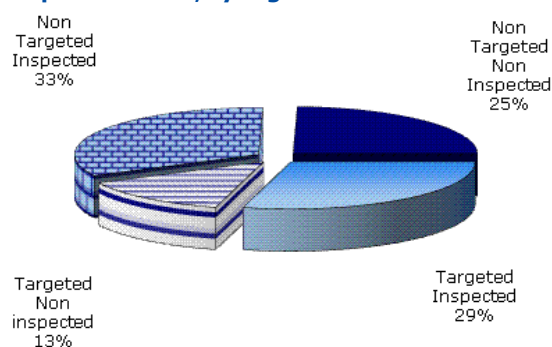
Source: Equasis

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

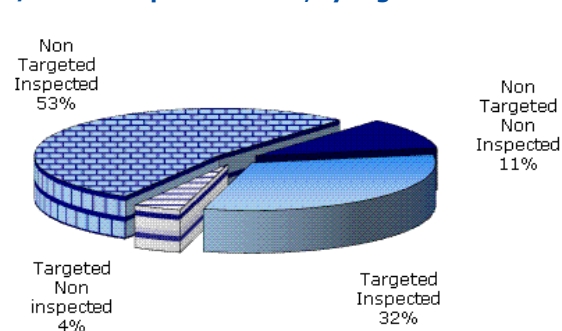
Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	25,803	8.7%	4,855	12.3%	30,658	9.2%	24,300	4.9%	6,916	6.9%	31,216	5.3%
Specialized Cargo Ships	898	0.3%	236	0.6%	1,134	0.3%	1,877	0.4%	235	0.2%	2,112	0.4%
Container Ships	43,295	14.6%	2,017	5.1%	45,311	13.5%	106,513	21.7%	6,281	6.3%	112,794	19.1%
Ro-Ro Cargo Ships	17,939	6.1%	1,077	2.7%	19,017	5.7%	19,989	4.1%	2,686	2.7%	22,676	3.8%
Bulk Carriers	127,276	43.0%	12,244	31.1%	139,520	41.7%	126,292	25.7%	26,944	27.1%	153,236	26.0%
Oil and Chemical Tankers	62,777	21.2%	9,206	23.4%	71,983	21.5%	161,854	33.0%	26,254	26.4%	188,107	31.9%
Gas Tankers	8,054	2.7%	2,307	5.9%	10,361	3.1%	29,388	6.0%	8,392	8.4%	37,781	6.4%
Other Tankers	1	0.0%	16	0.0%	17	0.0%	8	0.0%	15	0.0%	23	0.0%
Passenger Ships	8,120	2.7%	2,922	7.4%	11,042	3.3%	16,268	3.3%	5,934	6.0%	22,202	3.8%
Offshore Vessels	958	0.3%	3,187	8.1%	4,145	1.2%	2,611	0.5%	11,893	12.0%	14,504	2.5%
Service Ships	474	0.2%	1,152	2.9%	1,626	0.5%	1,733	0.4%	3,400	3.4%	5,132	0.9%
Tugs	53	0.0%	111	0.3%	164	0.0%	119	0.0%	565	0.6%	684	0.1%
Total	295,649	100%	39,329	100%	334,978	100%	490,954	100%	99,514	100%	590,468	100%

Source: Equasis

Graph 132 - Total number of ships GT≥500 with/without inspection record, by flag



Graph 133 - Gross tonnage of ships GT≥500 with/without inspection record, by flag



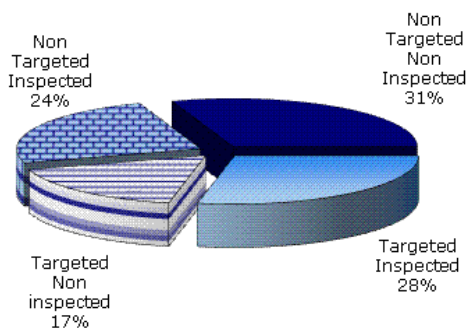
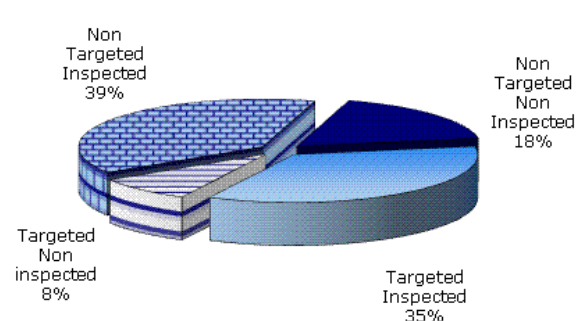
MEDIUM SHIPS

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

Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	5,364	51.2%	2,203	34.7%	7,567	45.0%	3,136	34.7%	2,296	20.3%	5,432	26.7%
Specialized Cargo Ships	52	0.5%	29	0.5%	81	0.5%	74	0.8%	26	0.2%	100	0.5%
Container Ships	857	8.2%	153	2.4%	1,010	6.0%	1,174	13.0%	233	2.1%	1,407	6.9%
Ro-Ro Cargo Ships	253	2.4%	115	1.8%	368	2.2%	259	2.9%	216	1.9%	475	2.3%
Bulk Carriers	1,635	15.6%	329	5.2%	1,964	11.7%	1,059	11.7%	627	5.6%	1,686	8.3%
Oil and Chemical Tankers	1,505	14.4%	1,303	20.5%	2,808	16.7%	1,722	19.0%	2,065	18.3%	3,787	18.6%
Gas Tankers	250	2.4%	145	2.3%	395	2.3%	319	3.5%	281	2.5%	600	2.9%
Other Tankers	1	0.0%	13	0.2%	14	0.1%	1	0.0%	14	0.1%	15	0.1%
Passenger Ships	133	1.3%	642	10.1%	775	4.6%	258	2.9%	1,521	13.5%	1,779	8.7%
Offshore Vessels	243	2.3%	821	12.9%	1,064	6.3%	661	7.3%	2,297	20.3%	2,958	14.5%
Service Ships	137	1.3%	470	7.4%	607	3.6%	298	3.3%	1,119	9.9%	1,417	7.0%
Tugs	48	0.5%	125	2.0%	173	1.0%	84	0.9%	599	5.3%	683	3.4%
Total	10,478	100%	6,348	100%	16,826	100%	9,045	100%	11,294	100%	20,339	100%

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

Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	24,660	32.5%	4,855	26.7%	29,515	31.4%	18,580	22.4%	6,842	18.0%	25,422	21.0%
Specialized Cargo Ships	329	0.4%	163	0.9%	493	0.5%	796	1.0%	132	0.3%	928	0.8%
Container Ships	9,533	12.6%	1,118	6.1%	10,650	11.3%	15,287	18.4%	2,422	6.4%	17,709	14.6%
Ro-Ro Cargo Ships	2,497	3.3%	618	3.4%	3,115	3.3%	3,440	4.1%	1,363	3.6%	4,803	4.0%
Bulk Carriers	24,335	32.1%	1,981	10.9%	26,316	28.0%	18,163	21.9%	6,627	17.4%	24,790	20.5%
Oil and Chemical Tankers	10,787	14.2%	4,317	23.7%	15,104	16.1%	17,479	21.0%	6,536	17.2%	24,015	19.8%
Gas Tankers	1,455	1.9%	469	2.6%	1,924	2.0%	2,629	3.2%	844	2.2%	3,473	2.9%
Other Tankers	1	0.0%	16	0.1%	17	0.0%	8	0.0%	15	0.0%	23	0.0%
Passenger Ships	1,321	1.7%	2,121	11.7%	3,442	3.7%	2,999	3.6%	4,979	13.1%	7,978	6.6%
Offshore Vessels	446	0.6%	1,373	7.5%	1,818	1.9%	2,057	2.5%	4,546	12.0%	6,603	5.5%
Service Ships	474	0.6%	1,064	5.8%	1,537	1.6%	1,537	1.8%	3,131	8.2%	4,667	3.9%
Tugs	53	0.1%	111	0.6%	164	0.2%	119	0.1%	565	1.5%	684	0.6%
Total	75,891	100%	18,205	100%	94,096	100%	83,094	100%	38,002	100%	121,096	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Graph 134 -Total number of medium ships with/without inspection record, by flag****Graph 135 -Gross tonnage of medium ships with/without inspection record, by flag**

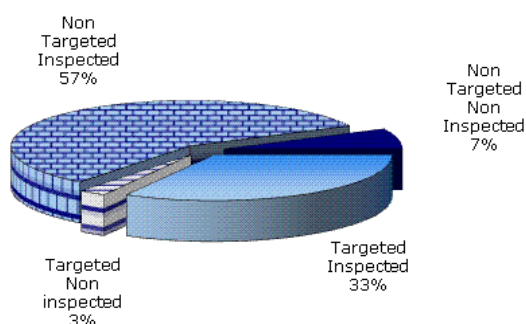
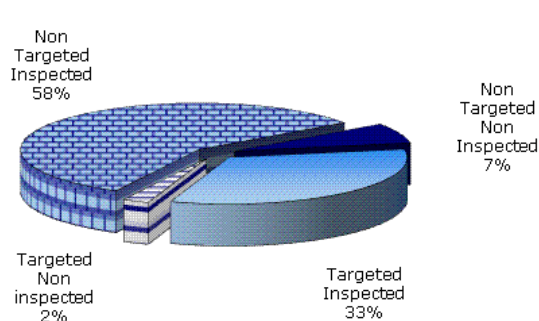
LARGE SHIPS

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

Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	40	1.4%			40	1.3%	186	3.6%	2	0.3%	188	3.3%
Specialized Cargo Ships	16	0.5%	2	0.9%	18	0.6%	29	0.6%	1	0.2%	30	0.5%
Container Ships	388	13.1%	13	6.0%	401	12.6%	1,183	23.2%	79	12.2%	1,262	21.9%
Ro-Ro Cargo Ships	265	9.0%	6	2.8%	271	8.5%	258	5.1%	30	4.6%	288	5.0%
Bulk Carriers	1,581	53.5%	96	44.4%	1,677	52.9%	1,743	34.1%	282	43.4%	2,025	35.2%
Oil and Chemical Tankers	538	18.2%	51	23.6%	589	18.6%	1,433	28.1%	183	28.2%	1,616	28.1%
Gas Tankers	61	2.1%	8	3.7%	69	2.2%	110	2.2%	13	2.0%	123	2.1%
Other Tankers												
Passenger Ships	65	2.2%	25	11.6%	90	2.8%	157	3.1%	21	3.2%	178	3.1%
Offshore Vessels	2	0.1%	12	5.6%	14	0.4%	4	0.1%	32	4.9%	36	0.6%
Service Ships			3	1.4%	3	0.1%	5	0.1%	7	1.1%	12	0.2%
Tugs												
Total	2,956	100%	216	100%	3,172	100%	5,108	100%	650	100%	5,758	100%

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

Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	1,143	1.0%			1,143	1.0%	5,720	3.0%	74	0.3%	5,794	2.7%
Specialized Cargo Ships	568	0.5%	72	0.9%	641	0.5%	1,081	0.6%	39	0.2%	1,120	0.5%
Container Ships	15,376	13.9%	454	5.7%	15,830	13.3%	45,428	23.6%	2,848	12.1%	48,276	22.3%
Ro-Ro Cargo Ships	12,250	11.1%	258	3.2%	12,508	10.5%	12,134	6.3%	1,070	4.5%	13,204	6.1%
Bulk Carriers	56,379	50.9%	3,544	44.4%	59,923	50.5%	62,081	32.2%	10,026	42.5%	72,106	33.3%
Oil and Chemical Tankers	20,010	18.1%	1,882	23.6%	21,891	18.4%	55,573	28.8%	6,484	27.5%	62,057	28.7%
Gas Tankers	2,618	2.4%	345	4.3%	2,963	2.5%	4,798	2.5%	612	2.6%	5,410	2.5%
Other Tankers												
Passenger Ships	2,384	2.2%	801	10.0%	3,184	2.7%	5,579	2.9%	681	2.9%	6,261	2.9%
Offshore Vessels	52	0.0%	535	6.7%	586	0.5%	145	0.1%	1,474	6.3%	1,619	0.7%
Service Ships			88	1.1%	88	0.1%	196	0.1%	269	1.1%	465	0.2%
Tugs												
Total	110,780	100%	7,979	100%	118,759	100%	192,736	100%	23,576	100%	216,312	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Graph 136 - Total number of large ships with/without inspection record, by flag****Graph 137 - Gross tonnage of large ships with/without inspection record, by flag**

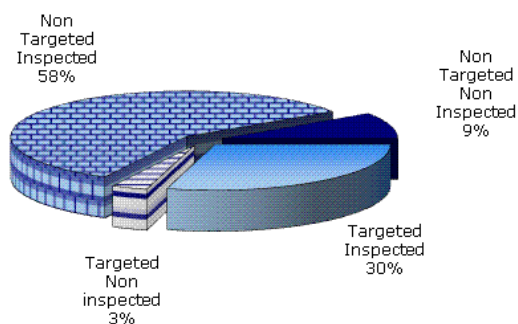
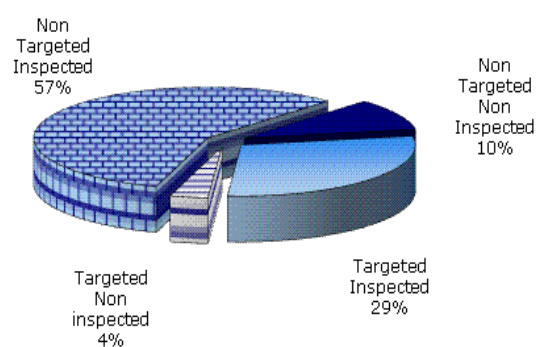
VERY LARGE SHIPS

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

Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships									1	0.3%	1	0.0%
Container Ships	218	19.3%	3	2.4%	221	17.6%	541	24.3%	10	2.8%	551	21.3%
Ro-Ro Cargo Ships	51	4.5%	3	2.4%	54	4.3%	68	3.1%	4	1.1%	72	2.8%
Bulk Carriers	509	45.1%	65	51.2%	574	45.7%	502	22.5%	98	27.4%	600	23.2%
Oil and Chemical Tankers	258	22.9%	30	23.6%	288	22.9%	832	37.3%	118	33.0%	950	36.7%
Gas Tankers	40	3.5%	14	11.0%	54	4.3%	202	9.1%	63	17.6%	265	10.2%
Other Tankers												
Passenger Ships	47	4.2%			47	3.7%	80	3.6%	3	0.8%	83	3.2%
Offshore Vessels	5	0.4%	12	9.4%	17	1.4%	4	0.2%	61	17.0%	65	2.5%
Service Ships												
Tugs												
Total	1,128	100%	127	100%	1,255	100%	2,229	100%	358	100%	2,587	100%

Source: Equasis - ⁽¹⁾ GT≥60,000**Table 147 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships with/without inspection record, by type and flag**

Ship Type	Targeted flag						Non Targeted flag					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships									64	0.2%	64	0.0%
Container Ships	18,386	16.9%	445	3.4%	18,831	15.4%	45,798	21.3%	1,011	2.7%	46,810	18.5%
Ro-Ro Cargo Ships	3,192	2.9%	202	1.5%	3,393	2.8%	4,415	2.1%	254	0.7%	4,669	1.8%
Bulk Carriers	46,562	42.7%	6,719	51.1%	53,281	43.6%	46,049	21.4%	10,290	27.1%	56,339	22.3%
Oil and Chemical Tankers	31,981	29.3%	3,007	22.9%	34,988	28.6%	88,802	41.3%	13,233	34.9%	102,035	40.3%
Gas Tankers	3,980	3.7%	1,493	11.4%	5,473	4.5%	21,962	10.2%	6,936	18.3%	28,898	11.4%
Other Tankers												
Passenger Ships	4,416	4.1%			4,416	3.6%	7,689	3.6%	274	0.7%	7,964	3.1%
Offshore Vessels	461	0.4%	1,279	9.7%	1,741	1.4%	409	0.2%	5,873	15.5%	6,282	2.5%
Service Ships												
Tugs												
Total	108,977	100%	13,145	100%	122,122	100%	215,124	100%	37,935	100%	253,060	100%

Source: Equasis - ⁽¹⁾ GT≥60,000**Graph 138 - Total number of very large ships with/without inspection record, by flag****Graph 139 - Gross tonnage of very large ships with/without inspection record, by flag**

5.6. SHIPS WITHOUT INSPECTION RECORD BETWEEN 2008 AND 2010 - BY IGP&I

WHOLE FLEET GT≥500

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

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	4,056	17.1%	281	4.8%	4,337	14.7%	4,670	64.5%	4,220	32.0%	8,890	43.6%
Specialized Cargo Ships	129	0.5%	19	0.3%	148	0.5%	42	0.6%	40	0.3%	82	0.4%
Container Ships	3,997	16.9%	283	4.9%	4,280	14.5%	364	5.0%	208	1.6%	572	2.8%
Ro-Ro Cargo Ships	1,007	4.2%	96	1.6%	1,103	3.7%	147	2.0%	278	2.1%	425	2.1%
Bulk Carriers	6,184	26.1%	632	10.8%	6,816	23.1%	845	11.7%	865	6.6%	1,710	8.4%
Oil and Chemical Tankers	5,758	24.3%	1,322	22.7%	7,080	24.0%	530	7.3%	2,428	18.4%	2,958	14.5%
Gas Tankers	916	3.9%	221	3.8%	1,137	3.9%	66	0.9%	303	2.3%	369	1.8%
Other Tankers	2	0.0%	6	0.1%	8	0.0%			21	0.2%	21	0.1%
Passenger Ships	617	2.6%	730	12.5%	1,347	4.6%	123	1.7%	1,482	11.3%	1,605	7.9%
Offshore Vessels	668	2.8%	1,680	28.8%	2,348	8.0%	251	3.5%	1,555	11.8%	1,806	8.8%
Service Ships	281	1.2%	271	4.7%	552	1.9%	159	2.2%	1,328	10.1%	1,487	7.3%
Tugs	86	0.4%	285	4.9%	371	1.3%	46	0.6%	439	3.3%	485	2.4%
Total	23,701	100%	5,826	100%	29,527	100%	7,243	100%	13,167	100%	20,410	100%

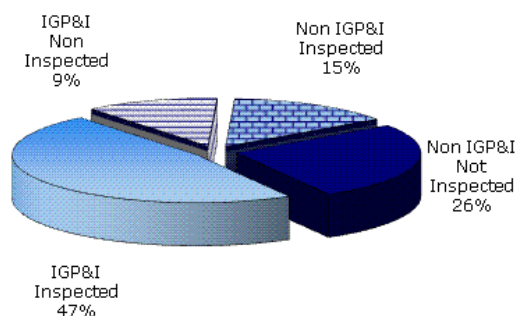
Source: Equasis

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

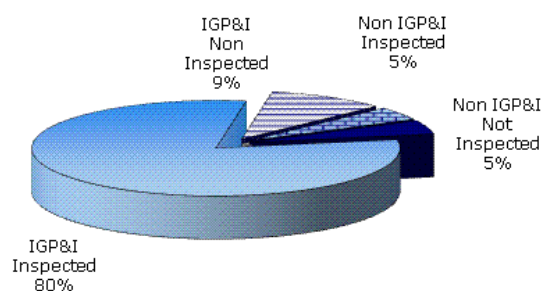
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	33,753	4.5%	1,477	1.5%	35,230	4.2%	16,350	38.6%	10,294	23.9%	26,644	31.2%
Specialized Cargo Ships	2,521	0.3%	310	0.3%	2,832	0.3%	253	0.6%	160	0.4%	414	0.5%
Container Ships	145,756	19.6%	7,145	7.5%	152,900	18.2%	4,052	9.6%	1,153	2.7%	5,205	6.1%
Ro-Ro Cargo Ships	36,736	4.9%	2,171	2.3%	38,907	4.6%	1,193	2.8%	1,593	3.7%	2,786	3.3%
Bulk Carriers	238,759	32.1%	29,013	30.3%	267,771	31.9%	14,809	34.9%	10,175	23.6%	24,984	29.2%
Oil and Chemical Tankers	221,224	29.7%	28,880	30.1%	250,104	29.8%	3,408	8.0%	6,579	15.3%	9,986	11.7%
Gas Tankers	37,281	5.0%	10,069	10.5%	47,350	5.6%	161	0.4%	630	1.5%	792	0.9%
Other Tankers	10	0.0%	8	0.0%	18	0.0%			22	0.1%	22	0.0%
Passenger Ships	23,393	3.1%	4,256	4.4%	27,649	3.3%	996	2.3%	4,600	10.7%	5,596	6.6%
Offshore Vessels	3,015	0.4%	10,802	11.3%	13,816	1.6%	555	1.3%	4,278	9.9%	4,833	5.7%
Service Ships	1,648	0.2%	1,390	1.5%	3,038	0.4%	559	1.3%	3,162	7.3%	3,720	4.4%
Tugs	129	0.0%	273	0.3%	403	0.0%	43	0.1%	403	0.9%	446	0.5%
Total	744,224	100%	95,794	100%	840,018	100%	42,379	100%	43,049	100%	85,428	100%

Source: Equasis

Graph 140 - Total number of ships GT≥500 with/without inspection record, by IGP&I



Graph 141 - Gross tonnage of ships GT≥500 with/without inspection record, by IGP&I



MEDIUM SHIPS

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

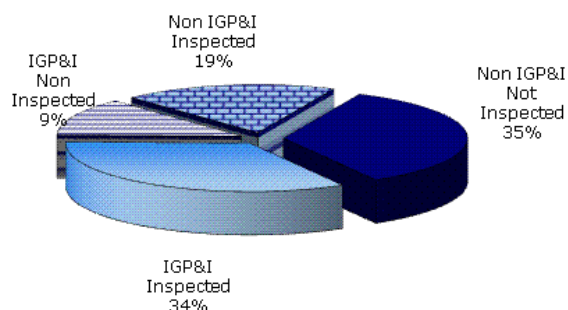
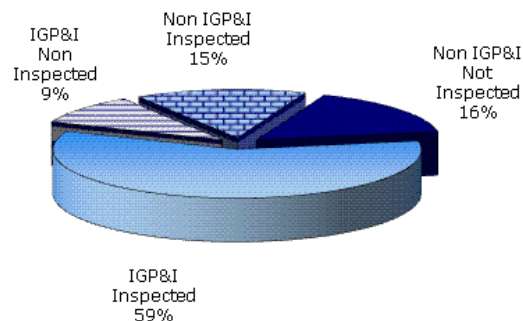
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	3,837	30.6%	281	6.0%	4,118	23.9%	4,663	66.8%	4,218	32.5%	8,881	44.5%
Specialized Cargo Ships	85	0.7%	16	0.3%	101	0.6%	41	0.6%	39	0.3%	80	0.4%
Container Ships	1,694	13.5%	180	3.8%	1,874	10.9%	337	4.8%	206	1.6%	543	2.7%
Ro-Ro Cargo Ships	369	2.9%	58	1.2%	427	2.5%	143	2.0%	273	2.1%	416	2.1%
Bulk Carriers	2,038	16.3%	222	4.7%	2,260	13.1%	656	9.4%	734	5.7%	1,390	7.0%
Oil and Chemical Tankers	2,721	21.7%	960	20.5%	3,681	21.4%	506	7.2%	2,408	18.6%	2,914	14.6%
Gas Tankers	503	4.0%	125	2.7%	628	3.6%	66	0.9%	301	2.3%	367	1.8%
Other Tankers	2	0.0%	6	0.1%	8	0.0%			21	0.2%	21	0.1%
Passenger Ships	273	2.2%	686	14.7%	959	5.6%	118	1.7%	1,477	11.4%	1,595	8.0%
Offshore Vessels	655	5.2%	1,595	34.1%	2,250	13.1%	249	3.6%	1,523	11.7%	1,772	8.9%
Service Ships	277	2.2%	264	5.6%	541	3.1%	158	2.3%	1,325	10.2%	1,483	7.4%
Tugs	86	0.7%	285	6.1%	371	2.2%	46	0.7%	439	3.4%	485	2.4%
Total	12,540	100%	4,678	100%	17,218	100%	6,983	100%	12,964	100%	19,947	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - ⁽²⁾ Inspections in the period 2008-2010

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

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	27,084	21.4%	1,477	6.9%	28,561	19.3%	16,156	50.0%	10,220	29.3%	26,376	39.3%
Specialized Cargo Ships	902	0.7%	174	0.8%	1,076	0.7%	224	0.7%	122	0.3%	345	0.5%
Container Ships	21,965	17.3%	2,472	11.6%	24,437	16.5%	2,854	8.8%	1,067	3.1%	3,922	5.8%
Ro-Ro Cargo Ships	4,903	3.9%	558	2.6%	5,460	3.7%	1,035	3.2%	1,423	4.1%	2,457	3.7%
Bulk Carriers	34,699	27.4%	2,908	13.6%	37,608	25.4%	7,799	24.1%	5,700	16.4%	13,499	20.1%
Oil and Chemical Tankers	26,071	20.6%	5,253	24.6%	31,324	21.2%	2,194	6.8%	5,600	16.1%	7,795	11.6%
Gas Tankers	3,923	3.1%	838	3.9%	4,761	3.2%	161	0.5%	475	1.4%	636	0.9%
Other Tankers	10	0.0%	8	0.0%	18	0.0%			22	0.1%	22	0.0%
Passenger Ships	3,469	2.7%	2,632	12.3%	6,100	4.1%	851	2.6%	4,469	12.8%	5,320	7.9%
Offshore Vessels	2,041	1.6%	3,631	17.0%	5,672	3.8%	462	1.4%	2,288	6.6%	2,750	4.1%
Service Ships	1,485	1.2%	1,126	5.3%	2,611	1.8%	525	1.6%	3,068	8.8%	3,593	5.4%
Tugs	129	0.1%	273	1.3%	403	0.3%	43	0.1%	403	1.2%	446	0.7%
Total	126,680	100%	21,350	100%	148,030	100%	32,305	100%	34,857	100%	67,162	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 142 - Total number of medium ships with/without inspection record, by IGP&I**Graph 143 - Gross tonnage of medium ships with/without inspection record, by IGP&I**

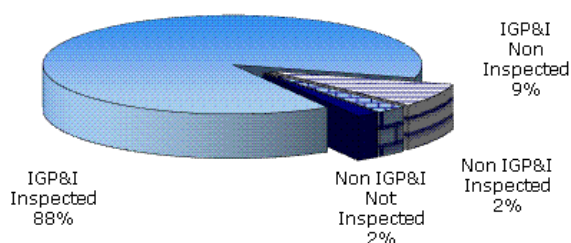
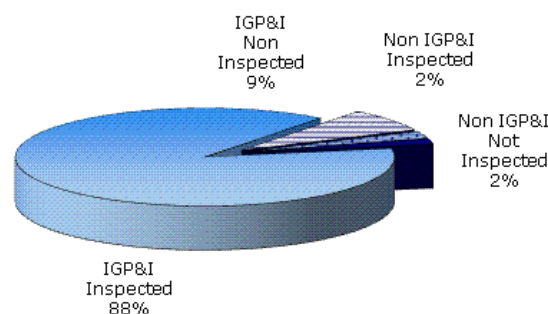
LARGE SHIPS

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

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	219	2.8%			219	2.6%	7	3.0%	2	1.1%	9	2.2%
Specialized Cargo Ships	44	0.6%	2	0.3%	46	0.5%	1	0.4%	1	0.6%	2	0.5%
Container Ships	1,550	19.8%	90	13.0%	1,640	19.2%	21	8.9%	2	1.1%	23	5.6%
Ro-Ro Cargo Ships	519	6.6%	32	4.6%	551	6.5%	4	1.7%	4	2.3%	8	2.0%
Bulk Carriers	3,147	40.2%	251	36.3%	3,398	39.9%	177	75.3%	127	73.0%	304	74.3%
Oil and Chemical Tankers	1,953	24.9%	217	31.4%	2,170	25.5%	18	7.7%	17	9.8%	35	8.6%
Gas Tankers	171	2.2%	20	2.9%	191	2.2%			1	0.6%	1	0.2%
Other Tankers												
Passenger Ships	217	2.8%	41	5.9%	258	3.0%	5	2.1%	5	2.9%	10	2.4%
Offshore Vessels	5	0.1%	32	4.6%	37	0.4%	1	0.4%	12	6.9%	13	3.2%
Service Ships	4	0.1%	7	1.0%	11	0.1%	1	0.4%	3	1.7%	4	1.0%
Tugs												
Total	7,829	100%	692	100%	8,521	100%	235	100%	174	100%	409	100%

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

Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships	6,669	2.3%			6,669	2.1%	194	2.4%	74	1.3%	268	2.0%
Specialized Cargo Ships	1,620	0.5%	72	0.3%	1,692	0.5%	30	0.4%	39	0.7%	68	0.5%
Container Ships	60,055	20.3%	3,216	12.5%	63,271	19.7%	749	9.4%	85	1.5%	835	6.1%
Ro-Ro Cargo Ships	24,226	8.2%	1,219	4.7%	25,444	7.9%	158	2.0%	110	1.9%	268	2.0%
Bulk Carriers	112,433	38.0%	9,437	36.6%	121,870	37.9%	6,027	75.9%	4,133	71.2%	10,160	73.9%
Oil and Chemical Tankers	75,008	25.4%	7,761	30.1%	82,769	25.8%	575	7.2%	605	10.4%	1,179	8.6%
Gas Tankers	7,416	2.5%	913	3.5%	8,329	2.6%			44	0.8%	44	0.3%
Other Tankers												
Passenger Ships	7,819	2.6%	1,350	5.2%	9,169	2.9%	144	1.8%	132	2.3%	276	2.0%
Offshore Vessels	169	0.1%	1,522	5.9%	1,692	0.5%	27	0.3%	487	8.4%	514	3.7%
Service Ships	163	0.1%	264	1.0%	427	0.1%	33	0.4%	93	1.6%	127	0.9%
Tugs												
Total	295,578	100%	25,755	100%	321,333	100%	7,938	100%	5,801	100%	13,739	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Graph 144 -Total number of large ships with/without inspection record, by IGP&I****Graph 145 -Gross tonnage of large ships with/without inspection record, by IGP&I**

VERY LARGE SHIPS

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

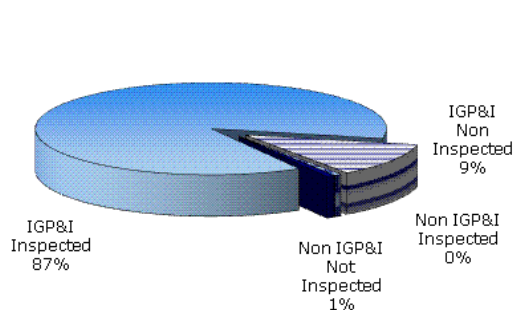
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships			1	0.2%	1	0.0%						
Container Ships	753	22.6%	13	2.9%	766	20.2%	6	24.0%			6	11.1%
Ro-Ro Cargo Ships	119	3.6%	6	1.3%	125	3.3%			1	3.4%	1	1.9%
Bulk Carriers	999	30.0%	159	34.9%	1,158	30.6%	12	48.0%	4	13.8%	16	29.6%
Oil and Chemical Tankers	1,084	32.5%	145	31.8%	1,229	32.4%	6	24.0%	3	10.3%	9	16.7%
Gas Tankers	242	7.3%	76	16.7%	318	8.4%			1	3.4%	1	1.9%
Other Tankers												
Passenger Ships	127	3.8%	3	0.7%	130	3.4%						
Offshore Vessels	8	0.2%	53	11.6%	61	1.6%	1	4.0%	20	69.0%	21	38.9%
Service Ships												
Tugs												
Total	3,332	100%	456	100%	3,788	100%	25	100%	29	100%	54	100%

Source: Equasis - ⁽¹⁾ GT≥60,000Table 155 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships with/without inspection record, by type and IGP&I

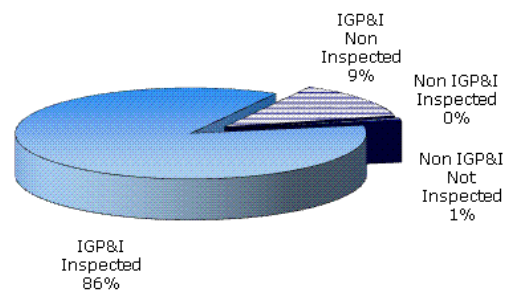
Ship Type	IGP&I						Non IGP&I					
	Inspected		No record		Total		Inspected		No record		Total	
General Cargo Ships												
Specialized Cargo Ships			64	0.1%	64	0.0%						
Container Ships	63,736	19.8%	1,456	3.0%	65,192	17.6%	449	21.0%			449	9.9%
Ro-Ro Cargo Ships	7,607	2.4%	395	0.8%	8,002	2.2%			60	2.5%	60	1.3%
Bulk Carriers	91,627	28.5%	16,667	34.2%	108,294	29.2%	983	46.0%	342	14.3%	1,325	29.3%
Oil and Chemical Tankers	120,144	37.3%	15,866	32.6%	136,010	36.7%	638	29.9%	374	15.6%	1,012	22.4%
Gas Tankers	25,942	8.1%	8,318	17.1%	34,260	9.2%			111	4.6%	111	2.5%
Other Tankers												
Passenger Ships	12,105	3.8%	274	0.6%	12,379	3.3%						
Offshore Vessels	805	0.2%	5,648	11.6%	6,453	1.7%	66	3.1%	1,504	62.9%	1,569	34.7%
Service Ships												
Tugs												
Total	321,966	100%	48,689	100%	370,655	100%	2,136	100%	2,391	100%	4,527	100%

Source: Equasis - ⁽¹⁾ GT≥60,000 - ⁽²⁾ Inspections in the period 2008-2010

Graph 146 - Total number of very large ships with/without inspection record, by IGP&I



Graph 147 - Gross tonnage of very large ships with/without inspection record, by IGP&I



Chapter 6

6. Trade Associations and Industry Vetting Programmes

INTRODUCTION

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

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

The ship types covered by each scheme are as follows:

Trade Associations

1. Intertanko	Oil & chemical tankers Gas carriers
2. Intercargo	Bulk carriers of over 10,000Dwt (and associated types such as ore carriers and woodchip carriers etc.)
3. Intermanager	General cargo ships Oil & chemical tankers Bulk carriers
4. Green Award	Oil & chemical tankers

Industry Vetting Programmes

4. CDI	Oil & chemical tankers Gas carriers
5. OCIMF	Oil & chemical tankers Gas carriers

The tables in Chapter 6.2 show the detention rates of ships covered by each of the schemes compared with ships of the same type that are outside the schemes.

Shipping Companies

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

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

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

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

The detention rate is the ratio between the number of detentions and the number of inspections in the Paris MOU, Tokyo MOU, Indian Ocean MoU (IO MoU) and USCG regions in 2010.

RESULTS

Table 156 indicates that the majority of ships are not covered by the trade associations and industry vetting programmes providing data to Equasis. However, of the large and very large oil, chemical and gas tankers just over a half (1917 out of 3954) are covered by Intertanko while nearly 94% are covered by OCIMF (3722 out of 3954). OCIMF also covers around 47.6% of medium-sized oil, chemical and gas tankers (3615 out of 7590).

Tables 156 to 161 suggest that medium, large and very large ships covered by one of the trade associations and industry vetting programs are inspected more frequently in the four regimes providing data to Equasis than those ships not covered – for example, large ships covered by Intertanko were each inspected on average 1.66 times (2002 inspections of 1201 ships) compared with 1.26 times (1515 inspections of 1196 ships) for the ship types not covered by Intertanko.

Table 158 indicates that ships covered by a trade association or industry vetting programme were detained less often than those not covered. For example the detention rate of inspected ships covered by Intercargo was 2.3% compared with 5.2% for the ships types not covered. It is a similar picture for ships covered by Intertanko, Intermanager, Green Award, CDI and OCIMF.

Table 162 shows that just over a half (55.8%) of the companies operate just one ship. Over 86% operate five or fewer, although these companies account for 31.8% of the fleet over 500GT by number.

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 8.63% and 6.46% respectively.

6.1. SCHEME STATUS

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

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	912	6,678	1,201	1,196	716	841	2,829	8,715
% of Total	32.2%	76.6%	42.5%	13.7%	25.3%	9.7%		
Intercargo	158	16,491	537	3,393	177	997	872	20,881
% of Total	18.1%	79.0%	61.6%	16.2%	20.3%	4.8%		
Intermanager	101	23,143	115	6,020	38	2,374	254	31,537
% of Total	39.8%	73.4%	45.3%	19.1%	15.0%	7.5%		
Green Award	8	6,587	81	2,124	141	1,097	230	9,808
% of Total	3.5%	67.2%	35.2%	21.7%	61.3%	11.2%		
CDI	1,698	5,892	228	2,169		1,557	1,926	9,618
% of Total	88.2%	61.3%	11.8%	22.6%		16.2%		
OCIMF	3,615	3,975	2,211	186	1,511	46	7,337	4,207
% of Total	49.3%	94.5%	30.1%	4.4%	20.6%	1.1%		

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

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

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	11,465	33,051	46,780	45,542	78,904	92,490	137,149	171,083
% of Total	8.4%	19.3%	34.1%	26.6%	57.5%	54.1%		
Intercargo	3,048	102,996	18,809	120,158	15,862	93,758	37,719	316,911
% of Total	8.1%	32.5%	49.9%	37.9%	42.1%	29.6%		
Intermanager	1,493	143,670	4,248	218,667	4,180	242,462	9,921	604,799
% of Total	15.0%	23.8%	42.8%	36.2%	42.1%	40.1%		
Green Award	188	38,931	3,869	80,080	14,931	122,092	18,988	241,103
% of Total	1.0%	16.1%	20.4%	33.2%	78.6%	50.6%		
CDI	14,616	29,900	7,506	84,816		171,394	22,122	286,109
% of Total	66.1%	10.5%	33.9%	29.6%		59.9%		
OCIMF	29,912	14,604	85,513	6,809	166,466	4,928	281,891	26,341
% of Total	10.6%	55.4%	30.3%	25.8%	59.1%	18.7%		

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

6.2. SAFETY PERFORMANCE

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

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0.9%	2.4%	1.8%	38	158	196	4,389	6,618	11,007
in % of total				19.4%	80.6%		39.9%	60.1%	
Intercargo	2.3%	5.2%	5.0%	39	1,596	1,635	1,712	30,689	32,401
in % of total				2.4%	97.6%		5.3%	94.7%	
Intermanager	3.1%	4.3%	4.3%	14	1,797	1,811	456	41,619	42,075
in % of total				0.8%	99.2%		1.1%	98.9%	
Green Award	0.6%	1.9%	1.8%	2	174	176	343	9,331	9,674
in % of total				1.1%	99%		3.5%	96.5%	
CDI	1.6%	1.8%	1.8%	55	141	196	3,347	7,660	11,007
in % of total				28.1%	71.9%		30.4%	69.6%	
OCIMF	0.9%	8.3%	1.8%	90	106	196	9,736	1,271	11,007
in % of total				45.9%	54.1%		88.5%	11.5%	

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

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

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1.4%	3.2%	2.7%	20	139	159	1,481	4,311	5,792
in % of total				12.6%	87.4%		25.6%	74.4%	
Intercargo	2.6%	5.8%	5.8%	10	1,352	1,362	384	23,156	23,540
in % of total				0.7%	99.3%		1.6%	98.4%	
Intermanager	5.2%	5.3%	5.3%	10	1,491	1,501	191	28,286	28,477
in % of total				0.7%	99.3%		0.7%	99.3%	
Green Award	0.0%	2.8%	2.8%	0	139	139	13	4,924	4,937
in % of total				0.0%	100%		0.3%	99.7%	
CDI	1.7%	3.8%	2.7%	51	108	159	2,946	2,846	5,792
in % of total				32.1%	67.9%		50.9%	49.1%	
OCIMF	1.3%	8.2%	2.7%	61	98	159	4,599	1,193	5,792
in % of total				38.4%	61.6%		79.4%	20.6%	

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

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

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0.6%	1.1%	0.8%	13	16	29	2,002	1,515	3,517
in % of total				44.8%	55.2%		56.9%	43.1%	
Intercargo	2.1%	3.3%	3.1%	23	201	224	1,071	6,177	7,248
in % of total				10.3%	89.7%		14.8%	85.2%	
Intermanager	1.9%	2.4%	2.4%	4	249	253	207	10,344	10,551
in % of total				1.6%	98.4%		2.0%	98.0%	
Green Award	0.8%	0.9%	0.9%	1	28	29	127	3,176	3,303
in % of total				3.4%	97%		3.8%	96.2%	
CDI	1.0%	0.8%	0.8%	4	25	29	401	3,116	3,517
in % of total				13.8%	86.2%		11.4%	88.6%	
OCIMF	0.6%	11.6%	0.8%	21	8	29	3,448	69	3,517
in % of total				72.4%	27.6%		98.0%	2.0%	

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

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

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0.6%	0.4%	0.5%	5	3	8	906	792	1,698
in % of total				62.5%	37.5%		53.4%	46.6%	
Intercargo	2.3%	3.2%	3.0%	6	43	49	257	1,356	1,613
in % of total				12.2%	87.8%		15.9%	84.1%	
Intermanager	0.0%	1.9%	1.9%	0	57	57	58	2,989	3,047
in % of total				0.0%	100.0%		1.9%	98.1%	
Green Award	0.5%	0.6%	0.6%	1	7	8	203	1,231	1,434
in % of total				12.5%	88%		14.2%	85.8%	
CDI	0.0%	0.5%	0.5%	0	8	8	0	1,698	1,698
in % of total				0.0%	100.0%		0.0%	100.0%	
OCIMF	0.5%	0.0%	0.5%	8	0	8	1,689	9	1,698
in % of total				100.0%	0.0%		99.5%	0.5%	

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

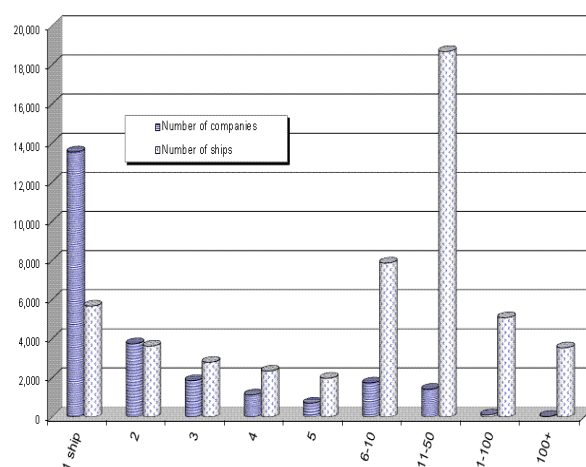
6.3. COMPANY PERFORMANCE

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

Company fleet size (by number of ships GT≥100)	Number of companies		Number of ships ⁽¹⁾		Number of ships under targeted flag ⁽¹⁾		Total share of ships under targeted flag ⁽²⁾
1 ship	13,550	55.8%	5,673	11.0%	2,946	13.5%	51.9%
2	3,745	15.4%	3,624	7.0%	1,872	8.6%	51.7%
3	1,863	7.7%	2,797	5.4%	1,391	6.4%	49.7%
4	1,126	4.6%	2,348	4.6%	1,172	5.4%	49.9%
5	708	2.9%	1,981	3.8%	927	4.3%	46.8%
6-10	1,738	7.2%	7,870	15.3%	3,644	16.7%	46.3%
11-50	1,421	5.9%	18,685	36.2%	7,270	33.4%	38.9%
51-100	105	0.4%	5,075	9.8%	1,782	8.2%	35.1%
100+	31	0.1%	3,537	6.9%	786	3.6%	22.2%
Total	24,287	100%	51,590	100%	21,790	100%	42.2%

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

Graph 148 -Total number of companies and ships GT≥500, by fleet size



Graph 149 -Total number of companies and ships GT≥500, by fleet size and flag

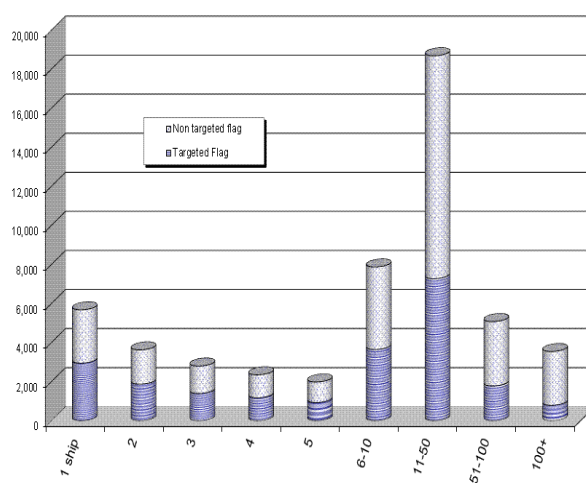
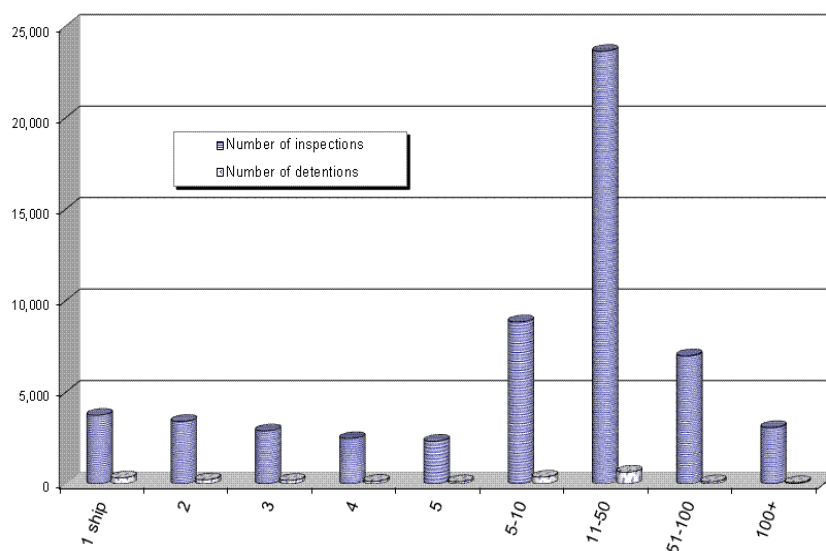


Table 163 - Total number of inspections and detention rates^(*), by company fleet size

Company fleet size (by number of ships GT≥100)	Number of inspections		Number of detentions		% of ships detained ⁽¹⁾
1 ship	3,744	6.5%	323	15.0%	8.63%
2	3,408	5.9%	220	10.2%	6.46%
3	2,893	5.0%	185	8.6%	6.39%
4	2,473	4.3%	133	6.2%	5.38%
5	2,327	4.1%	114	5.3%	4.90%
5-10	8,849	15.4%	366	17.0%	4.14%
11-50	23,625	41.2%	638	29.7%	2.70%
51-100	6,998	12.2%	113	5.3%	1.61%
100+	3,075	5.4%	59	2.7%	1.92%
Total	57,392	100%	2,151	100%	3.75%

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

Graph 150 -Total number of inspections and detention, by fleet size

Annexes

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 2010

A

Albania
Antigua and Barbuda
Azerbaijan

B

Bangladesh
Belgium
Belize
Bolivia

C

Cambodia
Comoros
Cook Islands
Croatia

D

Dominica

G

Georgia
Gibraltar

H

Honduras

I

India
Indonesia
Italy

K

Kiribati
Korea (Democratic Republic)
Korea (Republic)

L

Lebanon
Libyan Arab Jamahiriya
Lithuania

M

Malta
Mexico
Moldovia
Mongolia
Montenegro

P

Panama
Papua New Guinea

S

Sierra Leone
St Vincent and Grenadines
St Kitts and Nevis
Syrian Arab Republic

T

Tanzania
Thailand
Togo
Turkey
Tuvalu

U

Ukraine

V

Venezuela
Vietnam