



**The world merchant fleet
in 2013**

Statistics from Equasis

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Chapter 1

1. Themes and Tables

INTRODUCTION

This report provides a picture of the world's merchant fleet in 2013, derived from data contained in the Equasis database. It examines the structure and characteristics 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 data from most of the world's merchant ships. Basic ship particulars are derived from the commercial database of IHS Maritime.

From a commercial and regulatory point of view, size and type of ship are two key criteria and therefore throughout this report the statistical analysis is based on these two elements. For the "port State control" theme, ships will be divided into ship type categories derived from PSC databases.

SIZE

Ships are grouped by size 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 size category 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 International Conventions or the port State control regimes. A significant proportion of these ships are 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 International Legislation, port State control, classification societies and other trade organisations. To provide data for the whole merchant fleet, small ships are included in Chapters 2.1 and 2.2, and in the multiple inspection figures in Chapters 5.1 and 5.6. Small ships are also taken into consideration when evaluating the fleet size of a company and the detention rate in Chapter 6.3.

Regulatory and commercial tonnage thresholds are not common to all ship types. As a compromise, categories medium, large and very-large (i.e.: 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 merchant ships.

SHIP TYPES

Equasis uses over 100 descriptions of ship type provided by IHS Maritime. 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

Annex I outlines how this aggregation has been accomplished. This Annex is regularly reviewed to include new ship types that were excluded in the previous versions of the Statistics but should now be included, to better reflect the situation of the world merchant fleet.

PSC SHIP TYPES

PSC organisations are now using specific ship type categories that are different from the ones used by IHS Maritime. From 2011 onwards, these categories have been used in Chapter 5 (Port State Control) for ship types.

For ships that have never been inspected or when the ship type is not reported in the PSC data provided to Equasis, it is not possible to attribute a "PSC ship type" easily. In this situation, a "default PSC ship type" is used in substitution of a genuine PSC ship type.

This default PSC ship type is based on the ship type as provided by IHS Maritime. Annex III provides the aggregation used for this purpose. This Annex was established mainly through statistical analysis and direct comparisons between IHS Maritime ship types and PSC ship types. It cannot be directly compared to Annex I as the intention is not to create categories of ships, but to attribute a PSC ship type to ships that were not inspected.

FLAG STATES

Flag States (under which ships are registered) are grouped in two categories, "targeted" and "non-targeted". Those in the "targeted" group are the flag States which appear on at least in one of the targeted lists of the Paris Memorandum of Understanding (Paris MoU) [Black List], the Tokyo MoU [Black List] and the US Coast Guard (USCG) [safety targeting]. Indian Ocean MoU (IO MoU) and Viña del Mar MoU (VDM MoU) also provide their inspection results to Equasis, but they do not use a targeted list.

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

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

Further details are included in the list of the respective regimes' port State control Annual Reports. The list of targeted flag States, based on the 2013 annual reports of the Paris MoU, the Tokyo MoU and the US Coast Guard, can be found in Annex II.

SOURCE OF INFORMATION

Equasis is fed by 47 data providers which can be divided into 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, France (La Réunion Island), India, Iran, Mauritius, South Africa, were considered in these statistics. In 2013, these six countries represented about 90% of all inspections carried out within the Indian Ocean MoU.

The Viña del Mar MoU agreement is also providing data to Equasis since mid-2011. Therefore, inspections since the 1st of January 2012 have been integrated into this report.

Chapter 2

2. The Merchant Fleet Population

INTRODUCTION

The tables in this chapter provide 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 (81%) 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. However some flag States do require these ships to apply the same standards.

General cargo ships and tugs are the most common type by number, at 19.9% and 19%, respectively, of the Equasis fleet. Most of these are small and medium sized. In the large and very large categories, oil and chemical tankers and bulk carriers represent well over half of the fleet in number.

In terms of tonnage, the large and very large size categories represent 80% of the Equasis fleet (Graph 2), with oil and chemical tankers, and bulk carriers, dominating both categories at 68.7% (large) and 64.4% (very large) respectively.

Table 3 shows that just over a half (50.4%) of the Equasis fleet, by number, is 15 years or older. However, this is due largely to the dominance of older ships in the small and medium ship size categories. The trend is reversed in the large and very large ship size categories, where 80.5% (large) and 86.7% (very large) are less than 15 years old.

Graph 4 shows that the most modern fleets correspond to the biggest ships in tonnage. Looking back at the statistics of the previous years, it is clear that the younger ships are bigger than their predecessors. This trend continues each year. The statistics show that the biggest ships are recent additions to the fleet.

Graph 13 shows that slightly over a third (37%) of the total number of ships are associated with a targeted flag State. Whilst graphs 15 to 20 reveal a downwards trend of ships under a targeted flag State according to size: 40% for the medium sized ship category, 30% for the large category and 27% for the very large. The figures are very close with respect to number and tonnage.

Tables 13 and 14 both show that for the targeted flag States, general cargo ships are the most common ship category in number (33%), but bulk carriers are the most common ship type category by tonnage (45%). It is natural considering that these two ship types are the biggest with respect to the total number of ships and tonnage (19.9% and 35.1%, respectively).

In comparison, oil and chemical tankers, and offshore vessels, have a larger proportion of the total number of ships originating from non-targeted flag States.

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	4,330	14.6%	11,670	31.8%	201	1.9%			16,201	19.9%
Specialized Cargo Ships	8	0.0%	201	0.5%	52	0.5%	2	0.0%	263	0.3%
Container Ships	16	0.1%	2,256	6.1%	1,584	15.4%	1,038	21.4%	4,894	6.0%
Ro-Ro Cargo Ships	33	0.1%	656	1.8%	605	5.9%	161	3.3%	1,455	1.8%
Bulk Carriers	318	1.1%	3,514	9.6%	4,981	48.3%	1,544	31.8%	10,357	12.7%
Oil and Chemical Tankers	1,772	6.0%	6,440	17.5%	2,301	22.3%	1,483	30.5%	11,996	14.7%
Gas Tankers	40	0.1%	1,034	2.8%	197	1.9%	346	7.1%	1,617	2.0%
Other Tankers	284	1.0%	475	1.3%	5	0.0%			764	0.9%
Passenger Ships	3,568	12.0%	2,476	6.7%	273	2.6%	146	3.0%	6,463	7.9%
Offshore Vessels	2,367	8.0%	4,847	13.2%	94	0.9%	132	2.7%	7,440	9.1%
Service Ships	2,325	7.8%	2,259	6.2%	24	0.2%	5	0.1%	4,613	5.7%
Tugs	14,621	49.3%	900	2.5%					15,521	19.0%
Total	29,682	100%	36,728	100%	10,317	100%	4,857	100%	81,584	100%

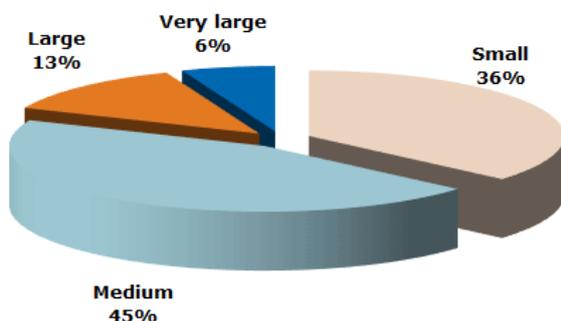
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

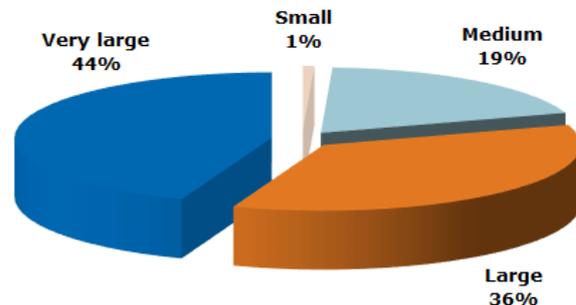
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1,445	18.3%	49,754	23.5%	6,540	1.7%			57,739	5.3%
Specialized Cargo Ships	2	0.0%	1,531	0.7%	1,915	0.5%	153	0.0%	3,602	0.3%
Container Ships	6	0.1%	26,507	12.5%	61,371	15.7%	97,043	20.0%	184,927	16.9%
Ro-Ro Cargo Ships	12	0.2%	6,301	3.0%	28,476	7.3%	10,392	2.1%	45,181	4.1%
Bulk Carriers	125	1.6%	51,197	24.2%	182,549	46.8%	150,026	31.0%	383,897	35.1%
Oil and Chemical Tankers	572	7.3%	38,707	18.3%	85,560	21.9%	161,982	33.4%	286,821	26.2%
Gas Tankers	15	0.2%	5,986	2.8%	8,717	2.2%	37,248	7.7%	51,966	4.7%
Other Tankers	84	1.1%	1,102	0.5%	162	0.0%			1,348	0.1%
Passenger Ships	897	11.4%	10,607	5.0%	9,751	2.5%	14,161	2.9%	35,416	3.2%
Offshore Vessels	670	8.5%	11,530	5.5%	4,232	1.1%	13,173	2.7%	29,604	2.7%
Service Ships	577	7.3%	7,181	3.4%	886	0.2%	510	0.1%	9,155	0.8%
Tugs	3,478	44.1%	892	0.4%					4,370	0.4%
Total	7,883	100%	211,295	100%	390,160	100%	484,688	100%	1,094,026	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	
0-4 years old	4,412	14.9%	7,796	21.2%	4,001	38.8%	2,210	45.5%	18,419	22.6%
5-14 years old	6,134	20.7%	9,568	26.1%	4,303	41.7%	1,999	41.2%	22,004	27.0%
15-24 years old	5,834	19.7%	7,252	19.7%	1,558	15.1%	554	11.4%	15,198	18.6%
+25 years old	13,302	44.8%	12,112	33.0%	455	4.4%	94	1.9%	25,963	31.8%
Total	29,682	100%	36,728	100%	10,317	100%	4,857	100%	81,584	100%

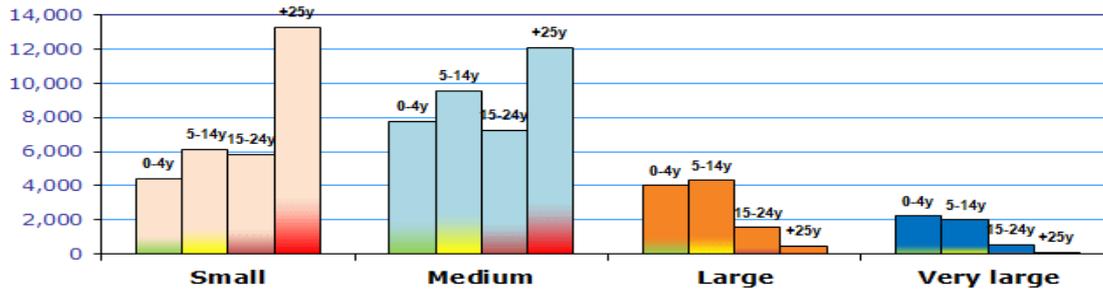
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

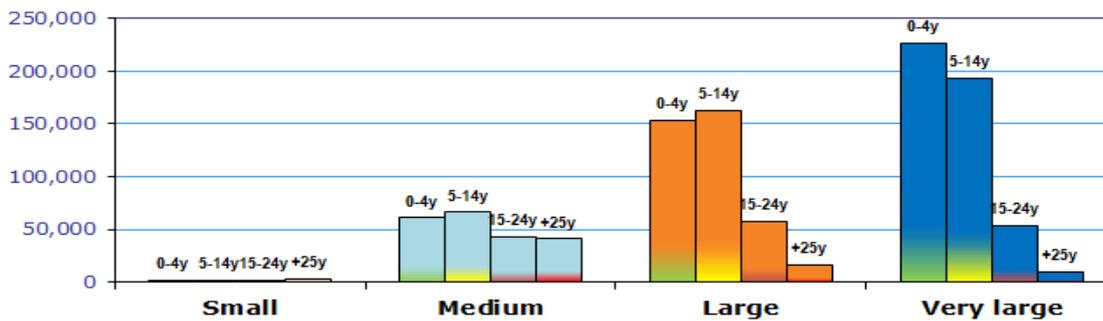
Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
0-4 years old	1,247	15.8%	60,788	28.8%	153,820	39.4%	227,009	46.8%	442,864	40.5%
5-14 years old	1,736	22.0%	66,407	31.4%	162,716	41.7%	193,636	40.0%	424,495	38.8%
15-24 years old	1,558	19.8%	43,229	20.5%	57,229	14.7%	54,064	11.2%	156,080	14.3%
+25 years old	3,342	42.4%	40,871	19.3%	16,395	4.2%	9,979	2.1%	70,586	6.5%
Total	7,883	100%	211,295	100%	390,160	100%	484,688	100%	1,094,025	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 ships, by age and 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

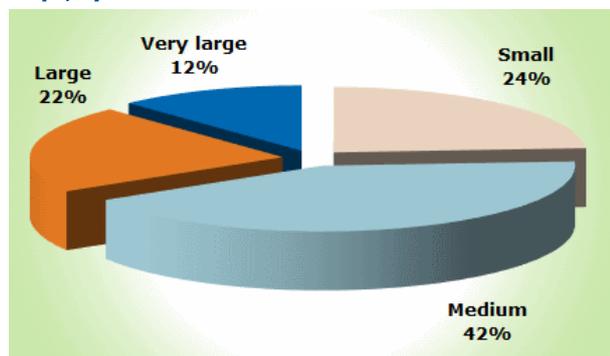
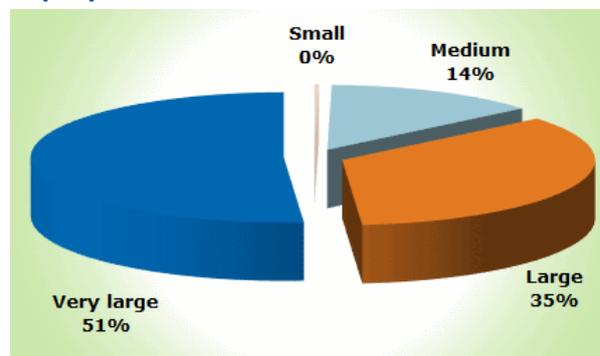
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	255	5.8%	1,801	23.1%	63	1.6%			2,119	11.5%
Specialized Cargo Ships			46	0.6%	8	0.2%	2	0.1%	56	0.3%
Container Ships	12	0.3%	321	4.1%	407	10.2%	432	19.5%	1,172	6.4%
Ro-Ro Cargo Ships	6	0.1%	51	0.7%	204	5.1%	70	3.2%	331	1.8%
Bulk Carriers	7	0.2%	1,367	17.5%	2,514	62.8%	882	39.9%	4,770	25.9%
Oil and Chemical Tankers	124	2.8%	1,406	18.0%	685	17.1%	656	29.7%	2,871	15.6%
Gas Tankers	3	0.1%	237	3.0%	42	1.0%	93	4.2%	375	2.0%
Other Tankers	29	0.7%	118	1.5%	1	0.0%			148	0.8%
Passenger Ships	206	4.7%	237	3.0%	33	0.8%	35	1.6%	511	2.8%
Offshore Vessels	452	10.2%	1,698	21.8%	34	0.8%	40	1.8%	2,224	12.1%
Service Ships	301	6.8%	316	4.1%	10	0.2%			627	3.4%
Tugs	3,017	68.4%	198	2.5%					3,215	17.5%
Total	4,412	100%	7,796	100%	4,001	100%	2,210	100%	18,419	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	107	8.6%	12,354	20.3%	2,342	1.5%			14,802	3.3%
Specialized Cargo Ships			478	0.8%	291	0.2%	153	0.1%	922	0.2%
Container Ships	4	0.3%	4,026	6.6%	16,772	10.9%	47,553	20.9%	68,355	15.4%
Ro-Ro Cargo Ships	2	0.2%	702	1.2%	9,419	6.1%	4,543	2.0%	14,667	3.3%
Bulk Carriers	3	0.2%	23,529	38.7%	95,890	62.3%	87,324	38.5%	206,746	46.7%
Oil and Chemical Tankers	50	4.0%	9,722	16.0%	24,066	15.6%	69,942	30.8%	103,780	23.4%
Gas Tankers	1	0.1%	1,910	3.1%	1,939	1.3%	10,776	4.7%	14,626	3.3%
Other Tankers	10	0.8%	452	0.7%	34	0.0%			497	0.1%
Passenger Ships	58	4.7%	905	1.5%	1,170	0.8%	3,974	1.8%	6,108	1.4%
Offshore Vessels	135	10.9%	5,078	8.4%	1,519	1.0%	2,744	1.2%	9,477	2.1%
Service Ships	74	6.0%	1,421	2.3%	376	0.2%			1,871	0.4%
Tugs	800	64.2%	213	0.3%					1,013	0.2%
Total	1,247	100%	60,788	100%	153,820	100%	227,009	100%	442,864	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

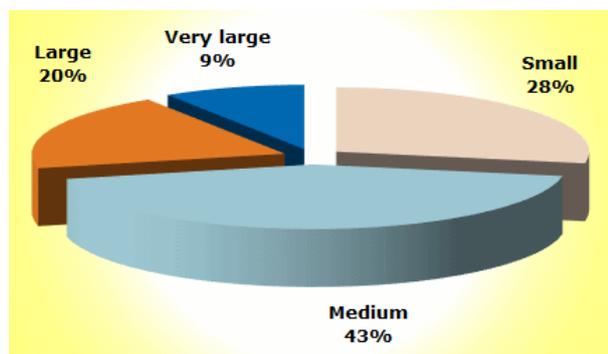
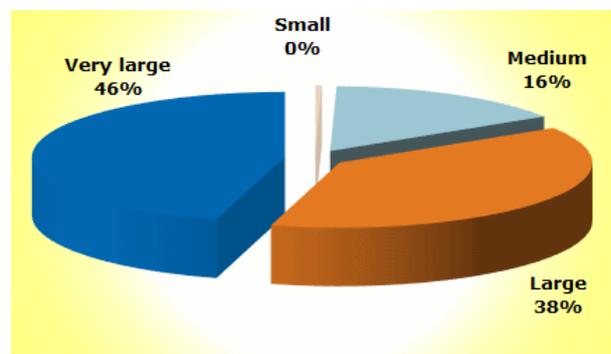
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	593	9.7%	2,628	27.5%	44	1.0%			3,265	14.8%
Specialized Cargo Ships			28	0.3%	3	0.1%			31	0.1%
Container Ships	3	0.0%	1,048	11.0%	889	20.7%	546	27.3%	2,486	11.3%
Ro-Ro Cargo Ships	6	0.1%	168	1.8%	254	5.9%	81	4.1%	509	2.3%
Bulk Carriers	12	0.2%	728	7.6%	1,550	36.0%	386	19.3%	2,676	12.2%
Oil and Chemical Tankers	175	2.9%	2,093	21.9%	1,322	30.7%	703	35.2%	4,293	19.5%
Gas Tankers	3	0.0%	275	2.9%	100	2.3%	185	9.3%	563	2.6%
Other Tankers	24	0.4%	72	0.8%	3	0.1%			99	0.4%
Passenger Ships	631	10.3%	532	5.6%	116	2.7%	78	3.9%	1,357	6.2%
Offshore Vessels	571	9.3%	1,429	14.9%	19	0.4%	20	1.0%	2,039	9.3%
Service Ships	390	6.4%	395	4.1%	3	0.1%			788	3.6%
Tugs	3,726	60.7%	172	1.8%					3,898	17.7%
Total	6,134	100%	9,568	100%	4,303	100%	1,999	100%	22,004	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	257	14.8%	13,461	20.3%	1,410	0.9%			15,128	3.6%
Specialized Cargo Ships			330	0.5%	120	0.1%			450	0.1%
Container Ships	1	0.1%	12,687	19.1%	33,381	20.5%	45,192	23.3%	91,262	21.5%
Ro-Ro Cargo Ships	2	0.1%	2,256	3.4%	12,360	7.6%	5,164	2.7%	19,782	4.7%
Bulk Carriers	5	0.3%	10,093	15.2%	55,728	34.2%	35,459	18.3%	101,284	23.9%
Oil and Chemical Tankers	63	3.6%	17,790	26.8%	50,075	30.8%	78,153	40.4%	146,081	34.4%
Gas Tankers	1	0.1%	1,871	2.8%	4,385	2.7%	19,806	10.2%	26,062	6.1%
Other Tankers	8	0.4%	237	0.4%	99	0.1%			344	0.1%
Passenger Ships	167	9.6%	2,326	3.5%	4,178	2.6%	7,707	4.0%	14,378	3.4%
Offshore Vessels	195	11.3%	3,476	5.2%	869	0.5%	2,156	1.1%	6,697	1.6%
Service Ships	91	5.2%	1,683	2.5%	113	0.1%			1,886	0.4%
Tugs	946	54.5%	197	0.3%					1,142	0.3%
Total	1,736	100%	66,407	100%	162,716	100%	193,636	100%	424,495	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

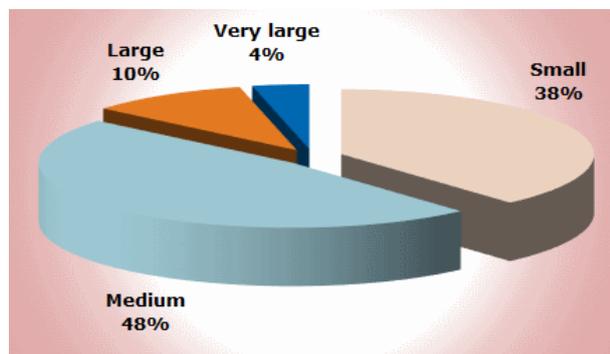
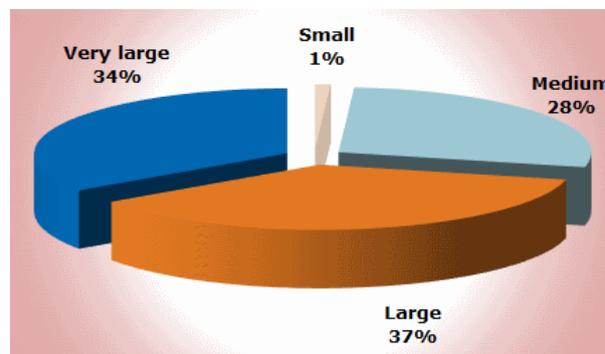
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1,115	19.1%	2,599	35.8%	58	3.7%			3,772	24.8%
Specialized Cargo Ships			23	0.3%	13	0.8%			36	0.2%
Container Ships			776	10.7%	253	16.2%	60	10.8%	1,089	7.2%
Ro-Ro Cargo Ships	6	0.1%	163	2.2%	74	4.7%	8	1.4%	251	1.7%
Bulk Carriers	161	2.8%	631	8.7%	760	48.8%	268	48.4%	1,820	12.0%
Oil and Chemical Tankers	585	10.0%	1,294	17.8%	263	16.9%	122	22.0%	2,264	14.9%
Gas Tankers	6	0.1%	315	4.3%	42	2.7%	38	6.9%	401	2.6%
Other Tankers	56	1.0%	81	1.1%	1	0.1%			138	0.9%
Passenger Ships	954	16.4%	653	9.0%	76	4.9%	32	5.8%	1,715	11.3%
Offshore Vessels	263	4.5%	258	3.6%	15	1.0%	23	4.2%	559	3.7%
Service Ships	405	6.9%	374	5.2%	3	0.2%	3	0.5%	785	5.2%
Tugs	2,283	39.1%	85	1.2%					2,368	15.6%
Total	5,834	100%	7,252	100%	1,558	100%	554	100%	15,198	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	367	23.6%	11,201	25.9%	1,795	3.1%			13,363	8.6%
Specialized Cargo Ships			130	0.3%	537	0.9%			668	0.4%
Container Ships			8,822	20.4%	9,926	17.3%	4,298	8.0%	23,047	14.8%
Ro-Ro Cargo Ships	2	0.1%	1,448	3.3%	3,560	6.2%	552	1.0%	5,562	3.6%
Bulk Carriers	68	4.3%	7,998	18.5%	25,626	44.8%	26,217	48.5%	59,909	38.4%
Oil and Chemical Tankers	187	12.0%	6,492	15.0%	10,345	18.1%	13,759	25.4%	30,782	19.7%
Gas Tankers	2	0.1%	1,655	3.8%	1,789	3.1%	3,925	7.3%	7,372	4.7%
Other Tankers	16	1.0%	165	0.4%	29	0.0%			210	0.1%
Passenger Ships	243	15.6%	3,309	7.7%	2,761	4.8%	2,406	4.5%	8,719	5.6%
Offshore Vessels	70	4.5%	637	1.5%	743	1.3%	2,539	4.7%	3,989	2.6%
Service Ships	101	6.5%	1,288	3.0%	117	0.2%	368	0.7%	1,874	1.2%
Tugs	502	32.2%	84	0.2%					586	0.4%
Total	1,558	100%	43,229	100%	57,229	100%	54,064	100%	156,080	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 15-24 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**

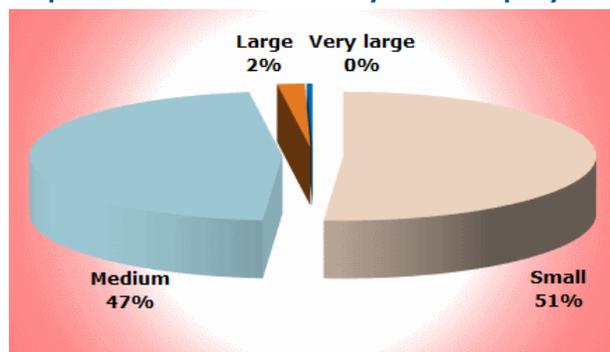
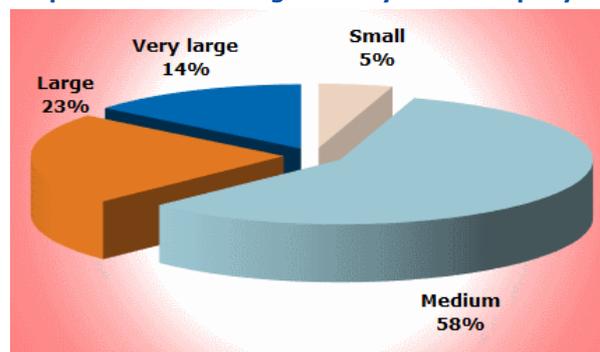
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2,367	17.8%	4,642	38.3%	36	7.9%			7,045	27.1%
Specialized Cargo Ships	8	0.1%	104	0.9%	28	6.2%			140	0.5%
Container Ships	1	0.0%	111	0.9%	35	7.7%			147	0.6%
Ro-Ro Cargo Ships	15	0.1%	274	2.3%	73	16.0%	2	2.1%	364	1.4%
Bulk Carriers	138	1.0%	788	6.5%	157	34.5%	8	8.5%	1,091	4.2%
Oil and Chemical Tankers	888	6.7%	1,647	13.6%	31	6.8%	2	2.1%	2,568	9.9%
Gas Tankers	28	0.2%	207	1.7%	13	2.9%	30	31.9%	278	1.1%
Other Tankers	175	1.3%	204	1.7%					379	1.5%
Passenger Ships	1,777	13.4%	1,054	8.7%	48	10.5%	1	1.1%	2,880	11.1%
Offshore Vessels	1,081	8.1%	1,462	12.1%	26	5.7%	49	52.1%	2,618	10.1%
Service Ships	1,229	9.2%	1,174	9.7%	8	1.8%	2	2.1%	2,413	9.3%
Tugs	5,595	42.1%	445	3.7%					6,040	23.3%
Total	13,302	100%	12,112	100%	455	100%	94	100%	25,963	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	714	21.4%	12,738	31.2%	994	6.1%			14,446	20.5%
Specialized Cargo Ships	2	0.1%	593	1.5%	967	5.9%			1,562	2.2%
Container Ships			972	2.4%	1,291	7.9%			2,263	3.2%
Ro-Ro Cargo Ships	5	0.2%	1,894	4.6%	3,137	19.1%	133	1.3%	5,169	7.3%
Bulk Carriers	50	1.5%	9,578	23.4%	5,304	32.4%	1,027	10.3%	15,958	22.6%
Oil and Chemical Tankers	273	8.2%	4,703	11.5%	1,074	6.5%	129	1.3%	6,178	8.8%
Gas Tankers	11	0.3%	550	1.3%	604	3.7%	2,741	27.5%	3,906	5.5%
Other Tankers	50	1.5%	248	0.6%					298	0.4%
Passenger Ships	428	12.8%	4,068	10.0%	1,642	10.0%	74	0.7%	6,212	8.8%
Offshore Vessels	269	8.0%	2,339	5.7%	1,100	6.7%	5,734	57.5%	9,442	13.4%
Service Ships	311	9.3%	2,789	6.8%	281	1.7%	142	1.4%	3,523	5.0%
Tugs	1,229	36.8%	399	1.0%					1,629	2.3%
Total	3,342	100%	40,871	100%	16,395	100%	9,979	100%	70,586	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	
General Cargo Ships	6,297	33.0%	5,574	17.0%	11,871	22.9%
Specialized Cargo Ships	103	0.5%	152	0.5%	255	0.5%
Container Ships	1,630	8.5%	3,248	9.9%	4,878	9.4%
Ro-Ro Cargo Ships	556	2.9%	866	2.6%	1,422	2.7%
Bulk Carriers	4,166	21.8%	5,873	17.9%	10,039	19.3%
Oil and Chemical Tankers	3,031	15.9%	7,193	21.9%	10,224	19.7%
Gas Tankers	462	2.4%	1,115	3.4%	1,577	3.0%
Other Tankers	147	0.8%	333	1.0%	480	0.9%
Passenger Ships	726	3.8%	2,169	6.6%	2,895	5.6%
Offshore Vessels	1,364	7.2%	3,709	11.3%	5,073	9.8%
Service Ships	445	2.3%	1,843	5.6%	2,288	4.4%
Tugs	147	0.8%	753	2.3%	900	1.7%
Total	19,074	100%	32,828	100%	51,902	100%

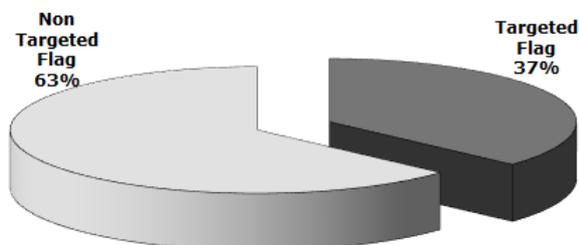
Source: Equasis

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

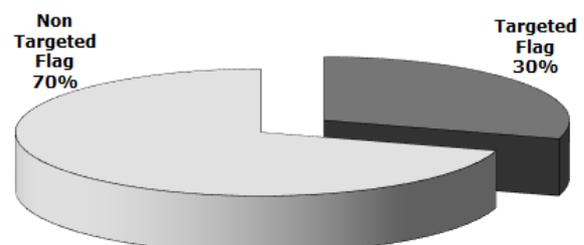
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	25,228	7.6%	31,066	4.0%	56,294	5.0%
Specialized Cargo Ships	1,003	0.3%	2,597	0.3%	3,599	0.3%
Container Ships	51,463	15.5%	133,458	17.0%	184,921	16.6%
Ro-Ro Cargo Ships	17,694	5.3%	27,475	3.5%	45,169	4.0%
Bulk Carriers	149,459	45.0%	264,312	33.7%	413,772	37.1%
Oil and Chemical Tankers	61,546	18.5%	224,703	28.7%	286,248	25.6%
Gas Tankers	9,498	2.9%	42,452	5.4%	51,951	4.7%
Other Tankers	274	0.1%	990	0.1%	1,264	0.1%
Passenger Ships	8,070	2.4%	26,450	3.4%	34,519	3.1%
Offshore Vessels	6,253	1.9%	22,681	2.9%	28,934	2.6%
Service Ships	1,663	0.5%	6,915	0.9%	8,578	0.8%
Tugs	140	0.0%	752	0.1%	892	0.1%
Total	332,292	100%	783,850	100%	1,116,142	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



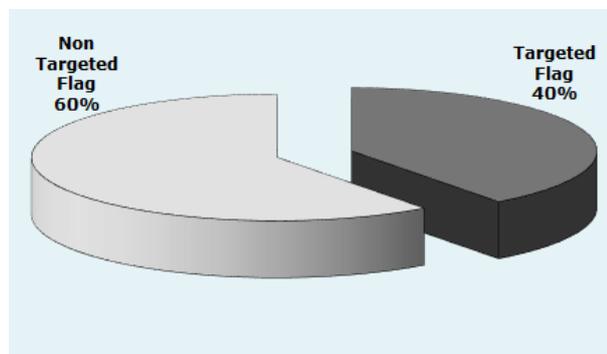
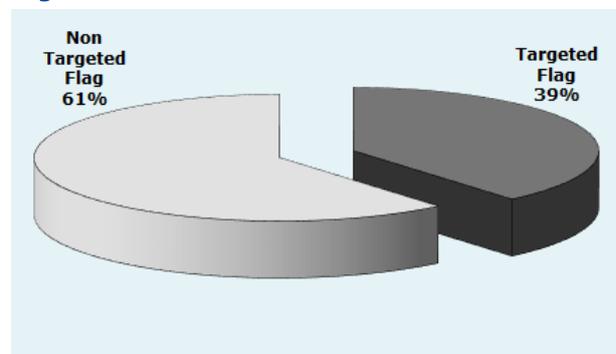
MEDIUM SIZED SHIPS

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	6,267	42.9%	5,403	24.4%	11,670	31.8%
Specialized Cargo Ships	88	0.6%	113	0.5%	201	0.5%
Container Ships	968	6.6%	1,288	5.8%	2,256	6.1%
Ro-Ro Cargo Ships	252	1.7%	404	1.8%	656	1.8%
Bulk Carriers	1,710	11.7%	1,804	8.2%	3,514	9.6%
Oil and Chemical Tankers	2,292	15.7%	4,148	18.8%	6,440	17.5%
Gas Tankers	353	2.4%	681	3.1%	1,034	2.8%
Other Tankers	147	1.0%	328	1.5%	475	1.3%
Passenger Ships	644	4.4%	1,832	8.3%	2,476	6.7%
Offshore Vessels	1,311	9.0%	3,536	16.0%	4,847	13.2%
Service Ships	436	3.0%	1,823	8.2%	2,259	6.2%
Tugs	147	1.0%	753	3.4%	900	2.5%
Total	14,615	100%	22,113	100%	36,728	100%

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	24,276	29.6%	25,478	19.7%	49,754	23.5%
Specialized Cargo Ships	471	0.6%	1,060	0.8%	1,531	0.7%
Container Ships	10,225	12.5%	16,282	12.6%	26,507	12.5%
Ro-Ro Cargo Ships	1,983	2.4%	4,317	3.3%	6,301	3.0%
Bulk Carriers	24,281	29.6%	26,917	20.8%	51,197	24.2%
Oil and Chemical Tankers	12,289	15.0%	26,418	20.4%	38,707	18.3%
Gas Tankers	1,828	2.2%	4,158	3.2%	5,986	2.8%
Other Tankers	274	0.3%	828	0.6%	1,102	0.5%
Passenger Ships	2,453	3.0%	8,154	6.3%	10,607	5.0%
Offshore Vessels	2,752	3.4%	8,778	6.8%	11,530	5.5%
Service Ships	1,114	1.4%	6,067	4.7%	7,181	3.4%
Tugs	140	0.2%	752	0.6%	892	0.4%
Total	82,087	100%	129,208	100%	211,295	100%

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

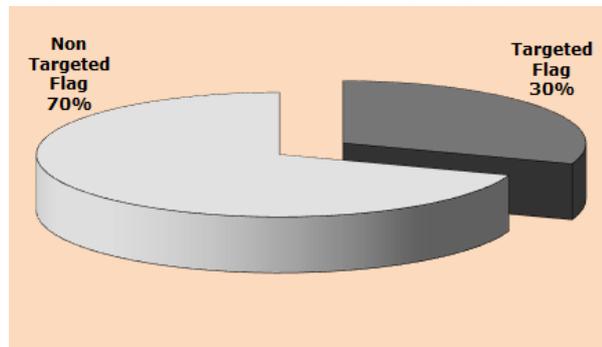
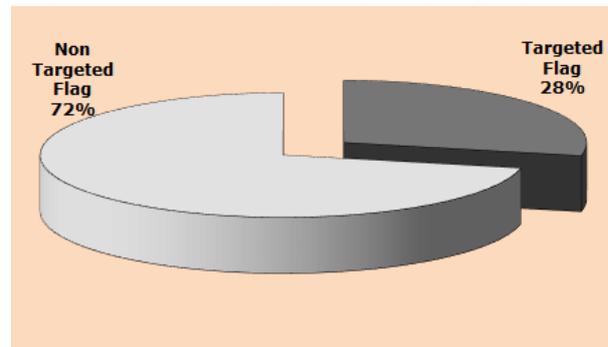
LARGE SHIPS

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	30	1.0%	171	2.4%	201	1.9%
Specialized Cargo Ships	15	0.5%	37	0.5%	52	0.5%
Container Ships	373	11.9%	1,211	16.9%	1,584	15.4%
Ro-Ro Cargo Ships	239	7.6%	366	5.1%	605	5.9%
Bulk Carriers	1,852	59.1%	3,129	43.6%	4,981	48.3%
Oil and Chemical Tankers	485	15.5%	1,816	25.3%	2,301	22.3%
Gas Tankers	62	2.0%	135	1.9%	197	1.9%
Other Tankers			5	0.1%	5	0.0%
Passenger Ships	41	1.3%	232	3.2%	273	2.6%
Offshore Vessels	32	1.0%	62	0.9%	94	0.9%
Service Ships	7	0.2%	17	0.2%	24	0.2%
Tugs						
Total	3,136	100%	7,181	100%	10,317	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	953	0.8%	5,588	1.9%	6,540	1.6%
Specialized Cargo Ships	532	0.4%	1,383	0.5%	1,915	0.5%
Container Ships	14,431	12.1%	46,940	15.6%	61,371	14.6%
Ro-Ro Cargo Ships	11,540	9.7%	16,935	5.6%	28,476	6.8%
Bulk Carriers	68,175	57.1%	144,373	48.0%	212,548	50.6%
Oil and Chemical Tankers	17,772	14.9%	67,788	22.5%	85,560	20.4%
Gas Tankers	2,797	2.3%	5,920	2.0%	8,717	2.1%
Other Tankers			162	0.1%	162	0.0%
Passenger Ships	1,488	1.2%	8,263	2.7%	9,751	2.3%
Offshore Vessels	1,394	1.2%	2,837	0.9%	4,232	1.0%
Service Ships	244	0.2%	642	0.2%	886	0.2%
Tugs						
Total	119,327	100%	300,832	100%	420,159	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**

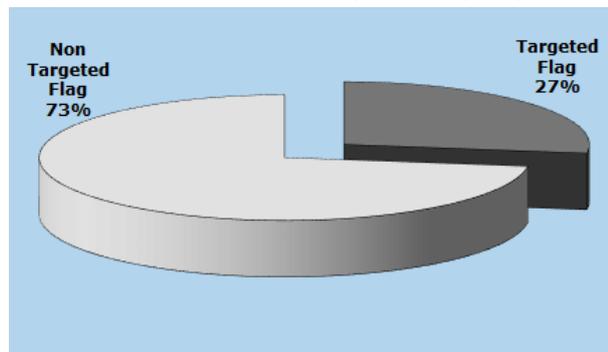
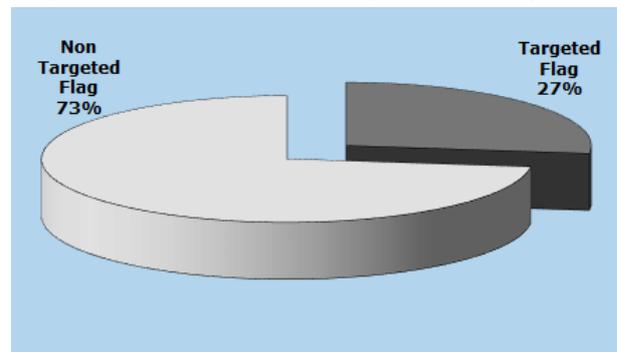
VERY LARGE SHIPS

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			2	0.1%	2	0.0%
Container Ships	289	21.8%	749	21.2%	1,038	21.4%
Ro-Ro Cargo Ships	65	4.9%	96	2.7%	161	3.3%
Bulk Carriers	604	45.7%	940	26.6%	1,544	31.8%
Oil and Chemical Tankers	254	19.2%	1,229	34.8%	1,483	30.5%
Gas Tankers	47	3.6%	299	8.5%	346	7.1%
Other Tankers						
Passenger Ships	41	3.1%	105	3.0%	146	3.0%
Offshore Vessels	21	1.6%	111	3.1%	132	2.7%
Service Ships	2	0.2%	3	0.1%	5	0.1%
Tugs						
Total	1,323	100%	3,534	100%	4,857	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			153	0.0%	153	0.0%
Container Ships	26,807	20.5%	70,236	19.9%	97,043	20.0%
Ro-Ro Cargo Ships	4,170	3.2%	6,222	1.8%	10,392	2.1%
Bulk Carriers	57,003	43.6%	93,023	26.3%	150,026	31.0%
Oil and Chemical Tankers	31,485	24.1%	130,497	36.9%	161,982	33.4%
Gas Tankers	4,874	3.7%	32,374	9.2%	37,248	7.7%
Other Tankers						
Passenger Ships	4,129	3.2%	10,032	2.8%	14,161	2.9%
Offshore Vessels	2,107	1.6%	11,066	3.1%	13,173	2.7%
Service Ships	304	0.2%	206	0.1%	510	0.1%
Tugs						
Total	130,879	100%	353,809	100%	484,688	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 and the flag States. 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, with the exception of Chapters 5.5 and 5.6, only refer to the 'class' function; they only indicate the society 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 2013, IACS consisted of 12 member societies:

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Classification Society (CCS)
- Croatian Register of Shipping (CRS)
- Det Norske Veritas - Germanischer Lloyd (DNV - GL)
- Indian Register of Shipping (IRS)
- Korean Register of Shipping (KR)
- Lloyd's Register of Shipping (LR)
- Nippon Kaiji Kyokai (NK)
- Polish Register of Shipping (PRS)
- 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 ship size category and ship type, which were classed with members of IACS and those classed with Classification

Societies which were not members of IACS. Data on class comes from IACS members, and for non-IACS Classification Societies the information is supplied by IHS Maritime when available.

There are 9,825 ships for which no classification data is available at all in Equasis. This equates to a gross tonnage of 23,419,919, which represents 12% by number and 2% by tonnage of the entire fleet. These are mainly small tugs and small to medium sized general cargo ships. When considering only ships above 500 GT, the figures drop to 4,425 ships, representing a gross tonnage of 22,132,378 (5% and 2% respectively). For simplicity reasons, but also because the IACS Classification Societies provide their data directly to Equasis (e.g., absence of information means they are not classed by IACS), these ships are grouped with non-IACS ships under the heading "Non-IACS/No Record".

In Chapter 3.3 the fleet is analysed according to class and flag State status. Flag States are grouped in two categories, targeted and non-targeted, as explained in Chapter 1.

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), USCG and Viña del Mar MoU in 2013. All detentions are taken into account, irrespective the deficiencies giving rise to the detention being indicated by PSC 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 (77% by number and 96% by tonnage).

This proportion is reflected in most of the ship types although general cargo ships account for just under half (43 %) 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 the size of the ship, with 97% and 99% of the large and very large ship size category, by number and tonnage, being classified by IACS members. Ships covered by non-IACS members are mostly medium sized (Graphs 23, 25, 27) in contrast with remaining ship size categories.

Graphs 29, 37, 45 and 53 show that the IACS members coverage is greater among the younger fleet and tends to diminish with age – from 90% of ships aged up to 5 years to 42% of the fleet over 25 years old.

Graph 61 shows only 25% of ships originated from Targeted Flag are being classified by IACS members, half in comparison with Non-Targeted Flag.

In Chapter 3.4, the safety performance of the Equasis fleet over 500 GT, as measured by detention rate, shows that 4.31% of inspections resulted in detention in 2013 (Table 69). Those ships using a Class Society that is a member of IACS were less likely to be detained in 2013 (3.25%) than those classed with non-IACS members or with no recorded class (14.55%).

The number of inspections on vessels in the very large ship size category with a non-IACS class or no recorded class is too small to be statistically significant, and the 0% detention rate in this category is meaningless. This is because it is based on only 60 inspections on 32 different ships for the very large size category (to be compared for example to 6,140 inspections on 1,871 ships for the medium sized ship category with non-IACS or no recorded class).

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/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,633	16.7%	5,238	43.0%	11,871	22.9%
Specialized Cargo Ships	179	0.5%	76	0.6%	255	0.5%
Container Ships	4,593	11.6%	285	2.3%	4,878	9.4%
Ro-Ro Cargo Ships	1,235	3.1%	187	1.5%	1,422	2.7%
Bulk Carriers	9,123	23.0%	916	7.5%	10,039	19.3%
Oil and Chemical Tankers	8,377	21.1%	1,847	15.2%	10,224	19.7%
Gas Tankers	1,425	3.6%	152	1.2%	1,577	3.0%
Other Tankers	282	0.7%	198	1.6%	480	0.9%
Passenger Ships	1,489	3.7%	1,406	11.6%	2,895	5.6%
Offshore Vessels	4,465	11.2%	608	5.0%	5,073	9.8%
Service Ships	1,294	3.3%	994	8.2%	2,288	4.4%
Tugs	639	1.6%	261	2.1%	900	1.7%
Total	39,734	100%	12,168	100%	51,902	100%

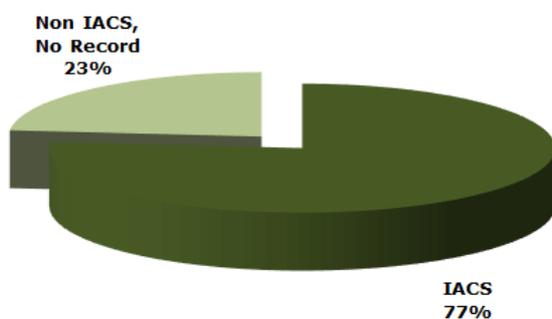
Source: Equasis - IACS membership on 31/12/2013

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

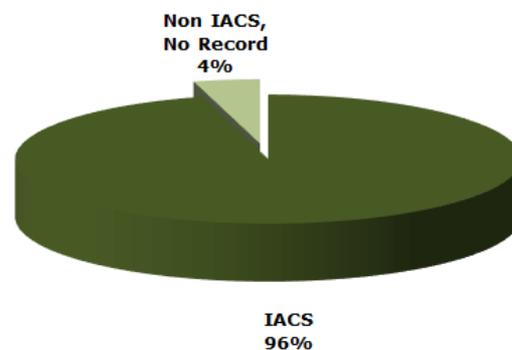
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	44,408	4.3%	11,885	25.8%	56,294	5.2%
Specialized Cargo Ships	3,310	0.3%	289	0.6%	3,599	0.3%
Container Ships	181,204	17.4%	3,718	8.1%	184,921	17.0%
Ro-Ro Cargo Ships	44,013	4.2%	1,155	2.5%	45,169	4.2%
Bulk Carriers	371,843	35.8%	11,929	25.9%	383,772	35.3%
Oil and Chemical Tankers	277,724	26.7%	8,525	18.5%	286,248	26.4%
Gas Tankers	51,663	5.0%	287	0.6%	51,951	4.8%
Other Tankers	1,003	0.1%	261	0.6%	1,264	0.1%
Passenger Ships	30,633	2.9%	3,887	8.4%	34,519	3.2%
Offshore Vessels	27,038	2.6%	1,897	4.1%	28,934	2.7%
Service Ships	6,612	0.6%	1,965	4.3%	8,578	0.8%
Tugs	663	0.1%	229	0.5%	892	0.1%
Total	1,040,115	100%	46,028	100%	1,086,142	100%

Source: Equasis - IACS membership on 31/12/2013

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 SIZED SHIPS

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

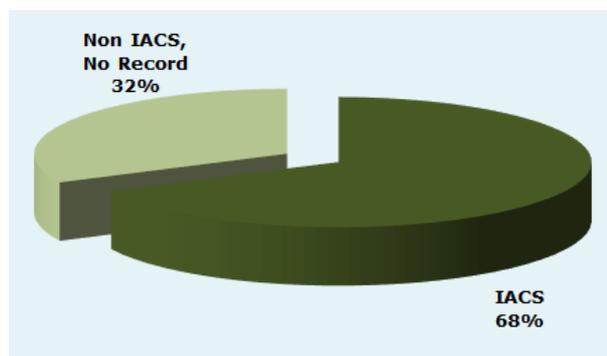
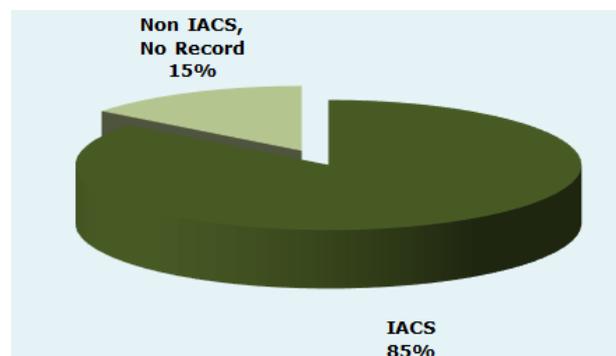
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,433	25.9%	5,237	44.2%	11,670	31.8%
Specialized Cargo Ships	126	0.5%	75	0.6%	201	0.5%
Container Ships	2,004	8.1%	252	2.1%	2,256	6.1%
Ro-Ro Cargo Ships	475	1.9%	181	1.5%	656	1.8%
Bulk Carriers	2,797	11.2%	717	6.1%	3,514	9.6%
Oil and Chemical Tankers	4,649	18.7%	1,791	15.1%	6,440	17.5%
Gas Tankers	882	3.5%	152	1.3%	1,034	2.8%
Other Tankers	278	1.1%	197	1.7%	475	1.3%
Passenger Ships	1,076	4.3%	1,400	11.8%	2,476	6.7%
Offshore Vessels	4,255	17.1%	592	5.0%	4,847	13.2%
Service Ships	1,267	5.1%	992	8.4%	2,259	6.2%
Tugs	639	2.6%	261	2.2%	900	2.5%
Total	24,881	100%	11,847	100%	36,728	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	37,902	21.0%	11,852	38.6%	49,754	23.5%
Specialized Cargo Ships	1,272	0.7%	259	0.8%	1,531	0.7%
Container Ships	25,029	13.9%	1,478	4.8%	26,507	12.5%
Ro-Ro Cargo Ships	5,509	3.1%	791	2.6%	6,301	3.0%
Bulk Carriers	46,099	25.5%	5,098	16.6%	51,197	24.2%
Oil and Chemical Tankers	34,352	19.0%	4,355	14.2%	38,707	18.3%
Gas Tankers	5,698	3.2%	287	0.9%	5,986	2.8%
Other Tankers	874	0.5%	228	0.7%	1,102	0.5%
Passenger Ships	6,982	3.9%	3,625	11.8%	10,607	5.0%
Offshore Vessels	10,874	6.0%	656	2.1%	11,530	5.5%
Service Ships	5,333	3.0%	1,849	6.0%	7,181	3.4%
Tugs	663	0.4%	229	0.7%	892	0.4%
Total	180,587	100%	30,708	100%	211,295	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2013

Graph 23 - Total number of medium sized ships, by class**Graph 24 - Gross tonnage of medium sized ships, by class**

LARGE SHIPS

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

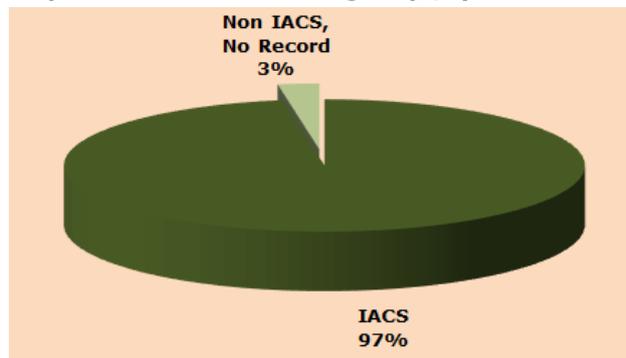
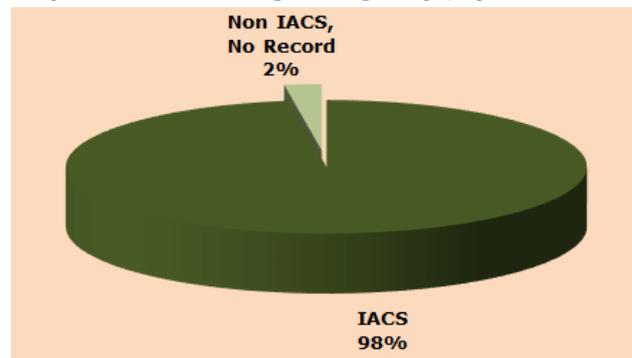
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	200	2.0%	1	0.4%	201	1.9%
Specialized Cargo Ships	51	0.5%	1	0.4%	52	0.5%
Container Ships	1,564	15.6%	20	7.5%	1,584	15.4%
Ro-Ro Cargo Ships	602	6.0%	3	1.1%	605	5.9%
Bulk Carriers	4,788	47.6%	193	72.8%	4,981	48.3%
Oil and Chemical Tankers	2,267	22.6%	34	12.8%	2,301	22.3%
Gas Tankers	197	2.0%			197	1.9%
Other Tankers	4	0.0%	1	0.4%	5	0.0%
Passenger Ships	269	2.7%	4	1.5%	273	2.6%
Offshore Vessels	87	0.9%	7	2.6%	94	0.9%
Service Ships	23	0.2%	1	0.4%	24	0.2%
Tugs						
Total	10,052	100%	265	100%	10,317	100%

Source: Equasis - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,507	1.7%	34	0.4%	6,540	1.7%
Specialized Cargo Ships	1,885	0.5%	30	0.3%	1,915	0.5%
Container Ships	60,600	15.9%	771	8.5%	61,371	15.7%
Ro-Ro Cargo Ships	28,306	7.4%	170	1.9%	28,476	7.3%
Bulk Carriers	176,331	46.3%	6,217	68.7%	182,548	46.8%
Oil and Chemical Tankers	84,246	22.1%	1,314	14.5%	85,560	21.9%
Gas Tankers	8,717	2.3%			8,717	2.2%
Other Tankers	129	0.0%	33	0.4%	162	0.0%
Passenger Ships	9,630	2.5%	121	1.3%	9,751	2.5%
Offshore Vessels	3,921	1.0%	311	3.4%	4,232	1.1%
Service Ships	840	0.2%	46	0.5%	886	0.2%
Tugs						
Total	381,112	100%	9,047	100%	390,159	100%

Source: Equasis - ⁽¹⁾ 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2013

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

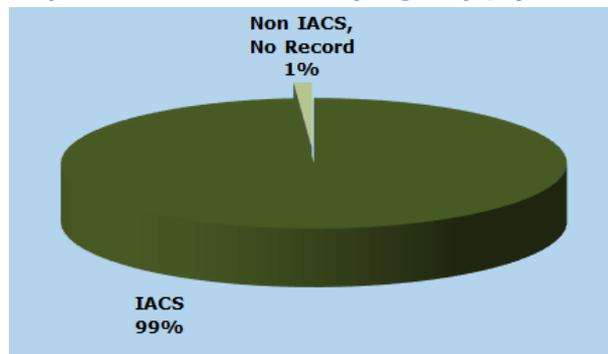
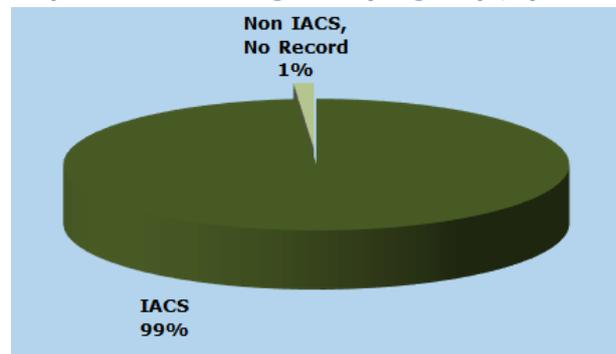
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships	2	0.0%			2	0.0%
Container Ships	1,025	21.3%	13	23.2%	1,038	21.4%
Ro-Ro Cargo Ships	158	3.3%	3	5.4%	161	3.3%
Bulk Carriers	1,538	32.0%	6	10.7%	1,544	31.8%
Oil and Chemical Tankers	1,461	30.4%	22	39.3%	1,483	30.5%
Gas Tankers	346	7.2%			346	7.1%
Other Tankers						
Passenger Ships	144	3.0%	2	3.6%	146	3.0%
Offshore Vessels	123	2.6%	9	16.1%	132	2.7%
Service Ships	4	0.1%	1	1.8%	5	0.1%
Tugs						
Total	4,801	100%	56	100%	4,857	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships	153	0.0%			153	0.0%
Container Ships	95,575	20.0%	1,468	23.4%	97,043	20.0%
Ro-Ro Cargo Ships	10,198	2.1%	194	3.1%	10,392	2.1%
Bulk Carriers	149,413	31.2%	613	9.8%	150,026	31.0%
Oil and Chemical Tankers	159,126	33.3%	2,856	45.5%	161,982	33.4%
Gas Tankers	37,248	7.8%			37,248	7.7%
Other Tankers						
Passenger Ships	14,021	2.9%	141	2.2%	14,161	2.9%
Offshore Vessels	12,242	2.6%	930	14.8%	13,173	2.7%
Service Ships	439	0.1%	71	1.1%	510	0.1%
Tugs						
Total	478,415	100%	6,273	100%	484,688	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2013

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

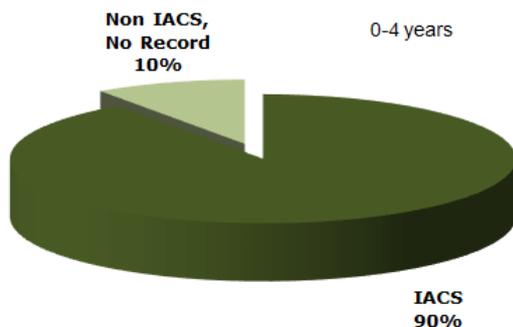
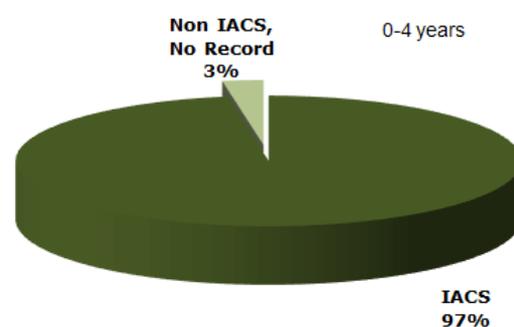
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,375	10.9%	489	36.0%	1,864	13.3%
Specialized Cargo Ships	50	0.4%	6	0.4%	56	0.4%
Container Ships	1,095	8.7%	65	4.8%	1,160	8.3%
Ro-Ro Cargo Ships	316	2.5%	9	0.7%	325	2.3%
Bulk Carriers	4,420	34.9%	343	25.3%	4,763	34.0%
Oil and Chemical Tankers	2,569	20.3%	178	13.1%	2,747	19.6%
Gas Tankers	369	2.9%	3	0.2%	372	2.7%
Other Tankers	102	0.8%	17	1.3%	119	0.8%
Passenger Ships	178	1.4%	127	9.4%	305	2.2%
Offshore Vessels	1,733	13.7%	39	2.9%	1,772	12.7%
Service Ships	264	2.1%	62	4.6%	326	2.3%
Tugs	179	1.4%	19	1.4%	198	1.4%
Total	12,650	100%	1,357	100%	14,007	100%

Source: Equasis - IACS membership on 31/12/2013

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/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	13,360	3.1%	1,335	11.5%	14,695	3.3%
Specialized Cargo Ships	905	0.2%	17	0.1%	922	0.2%
Container Ships	66,575	15.5%	1,776	15.3%	68,351	15.5%
Ro-Ro Cargo Ships	14,344	3.3%	321	2.8%	14,665	3.3%
Bulk Carriers	201,681	46.9%	5,062	43.6%	206,743	46.8%
Oil and Chemical Tankers	101,446	23.6%	2,284	19.7%	103,730	23.5%
Gas Tankers	14,592	3.4%	33	0.3%	14,624	3.3%
Other Tankers	468	0.1%	18	0.2%	486	0.1%
Passenger Ships	5,557	1.3%	492	4.2%	6,049	1.4%
Offshore Vessels	9,255	2.2%	86	0.7%	9,342	2.1%
Service Ships	1,640	0.4%	157	1.4%	1,797	0.4%
Tugs	196	0.0%	16	0.1%	213	0.0%
Total	430,019	100%	11,598	100%	441,617	100%

Source: Equasis - IACS membership on 31/12/2013

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 SIZED SHIPS

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

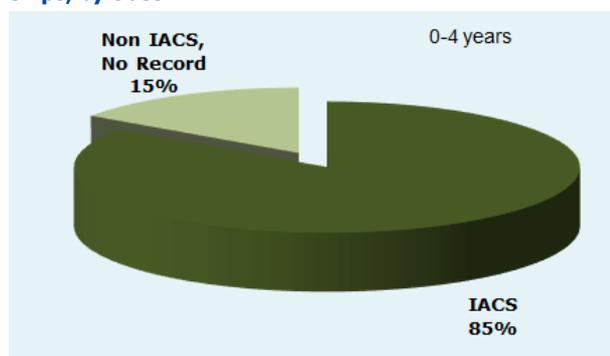
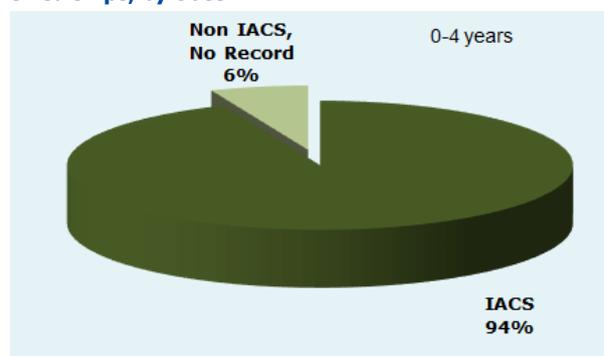
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,313	19.9%	488	40.7%	1,801	23.1%
Specialized Cargo Ships	40	0.6%	6	0.5%	46	0.6%
Container Ships	272	4.1%	49	4.1%	321	4.1%
Ro-Ro Cargo Ships	47	0.7%	4	0.3%	51	0.7%
Bulk Carriers	1,142	17.3%	225	18.8%	1,367	17.5%
Oil and Chemical Tankers	1,244	18.9%	162	13.5%	1,406	18.0%
Gas Tankers	234	3.5%	3	0.3%	237	3.0%
Other Tankers	101	1.5%	17	1.4%	118	1.5%
Passenger Ships	112	1.7%	125	10.4%	237	3.0%
Offshore Vessels	1,660	25.2%	38	3.2%	1,698	21.8%
Service Ships	254	3.8%	62	5.2%	316	4.1%
Tugs	179	2.7%	19	1.6%	198	2.5%
Total	6,598	100%	1,198	100%	7,796	100%

Source: Equasis - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	11,052	19.4%	1,302	34.2%	12,354	20.3%
Specialized Cargo Ships	461	0.8%	17	0.4%	478	0.8%
Container Ships	3,702	6.5%	324	8.5%	4,026	6.6%
Ro-Ro Cargo Ships	693	1.2%	9	0.2%	702	1.2%
Bulk Carriers	22,519	39.5%	1,009	26.5%	23,529	38.7%
Oil and Chemical Tankers	9,285	16.3%	437	11.5%	9,722	16.0%
Gas Tankers	1,877	3.3%	33	0.9%	1,910	3.1%
Other Tankers	434	0.8%	18	0.5%	452	0.7%
Passenger Ships	481	0.8%	423	11.1%	905	1.5%
Offshore Vessels	5,017	8.8%	61	1.6%	5,078	8.4%
Service Ships	1,264	2.2%	157	4.1%	1,421	2.3%
Tugs	196	0.3%	16	0.4%	213	0.3%
Total	56,981	100%	3,807	100%	60,788	100%

Source: Equasis - IACS membership on 31/12/2013

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

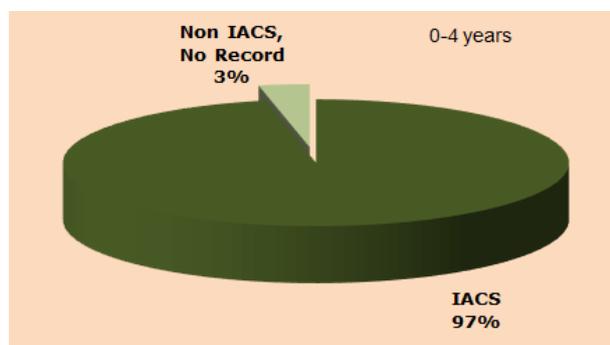
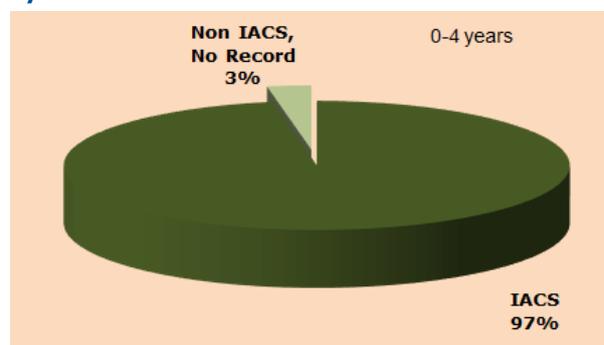
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	62	1.6%	1	0.8%	63	1.6%
Specialized Cargo Ships	8	0.2%			8	0.2%
Container Ships	401	10.4%	6	4.6%	407	10.2%
Ro-Ro Cargo Ships	202	5.2%	2	1.5%	204	5.1%
Bulk Carriers	2,400	62.0%	114	87.7%	2,514	62.8%
Oil and Chemical Tankers	681	17.6%	4	3.1%	685	17.1%
Gas Tankers	42	1.1%			42	1.0%
Other Tankers	1	0.0%			1	0.0%
Passenger Ships	31	0.8%	2	1.5%	33	0.8%
Offshore Vessels	33	0.9%	1	0.8%	34	0.8%
Service Ships	10	0.3%			10	0.2%
Tugs						
Total	3,871	100%	130	100%	4,001	100%

Source: Equasis - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	2,308	1.5%	34	0.8%	2,342	1.5%
Specialized Cargo Ships	291	0.2%			291	0.2%
Container Ships	16,523	11.1%	249	5.8%	16,772	10.9%
Ro-Ro Cargo Ships	9,301	6.2%	118	2.7%	9,419	6.1%
Bulk Carriers	92,209	61.7%	3,681	85.0%	95,890	62.3%
Oil and Chemical Tankers	23,910	16.0%	157	3.6%	24,066	15.6%
Gas Tankers	1,939	1.3%			1,939	1.3%
Other Tankers	34	0.0%			34	0.0%
Passenger Ships	1,102	0.7%	69	1.6%	1,170	0.8%
Offshore Vessels	1,494	1.0%	25	0.6%	1,519	1.0%
Service Ships	376	0.3%			376	0.2%
Tugs						
Total	149,487	100%	4,333	100%	153,820	100%

Source: Equasis - IACS membership on 31/12/2013

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

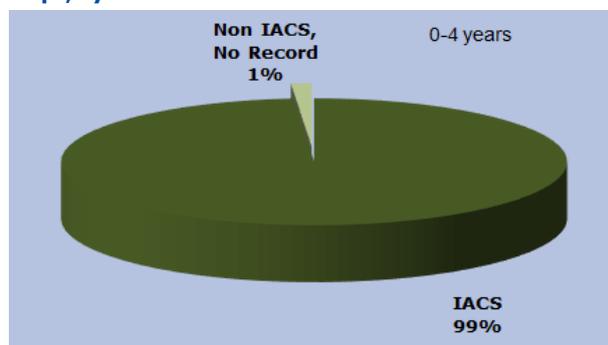
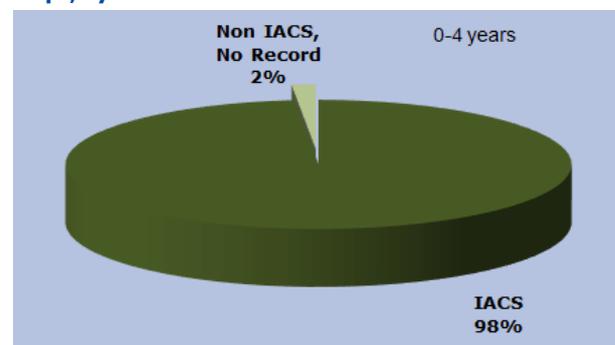
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships	2	0.1%			2	0.1%
Container Ships	422	19.3%	10	34.5%	432	19.5%
Ro-Ro Cargo Ships	67	3.1%	3	10.3%	70	3.2%
Bulk Carriers	878	40.3%	4	13.8%	882	39.9%
Oil and Chemical Tankers	644	29.5%	12	41.4%	656	29.7%
Gas Tankers	93	4.3%			93	4.2%
Other Tankers						
Passenger Ships	35	1.6%			35	1.6%
Offshore Vessels	40	1.8%			40	1.8%
Service Ships						
Tugs						
Total	2,181	100%	29	100%	2,210	100%

Source: Equasis - IACS membership on 31/12/2013

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/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships	153	0.1%			153	0.1%
Container Ships	46,350	20.7%	1,203	34.8%	47,553	20.9%
Ro-Ro Cargo Ships	4,349	1.9%	194	5.6%	4,543	2.0%
Bulk Carriers	86,953	38.9%	371	10.7%	87,324	38.5%
Oil and Chemical Tankers	68,251	30.5%	1,691	48.9%	69,942	30.8%
Gas Tankers	10,776	4.8%			10,776	4.7%
Other Tankers						
Passenger Ships	3,974	1.8%			3,974	1.8%
Offshore Vessels	2,744	1.2%			2,744	1.2%
Service Ships						
Tugs						
Total	223,551	100%	3,458	100%	227,009	100%

Source: Equasis - IACS membership on 31/12/2013

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

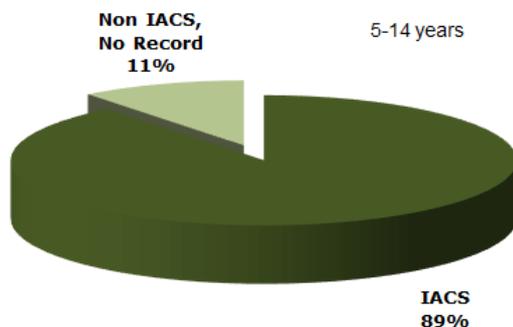
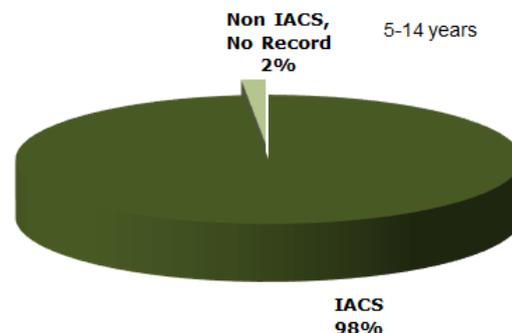
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	1,876	13.2%	796	47.4%	2,672	16.8%
Specialized Cargo Ships	28	0.2%	3	0.2%	31	0.2%
Container Ships	2,409	17.0%	74	4.4%	2,483	15.6%
Ro-Ro Cargo Ships	495	3.5%	8	0.5%	503	3.2%
Bulk Carriers	2,563	18.1%	101	6.0%	2,664	16.8%
Oil and Chemical Tankers	3,940	27.8%	178	10.6%	4,118	25.9%
Gas Tankers	556	3.9%	4	0.2%	560	3.5%
Other Tankers	62	0.4%	13	0.8%	75	0.5%
Passenger Ships	462	3.3%	264	15.7%	726	4.6%
Offshore Vessels	1,395	9.8%	73	4.3%	1,468	9.3%
Service Ships	251	1.8%	147	8.7%	398	2.5%
Tugs	152	1.1%	20	1.2%	172	1.1%
Total	14,189	100%	1,681	100%	15,870	100%

Source: Equasis - IACS membership on 31/12/2013

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/No Record		Total	
General Cargo Ships	13,002	3.1%	1,869	28.6%	14,871	3.5%
Specialized Cargo Ships	411	0.1%	39	0.6%	450	0.1%
Container Ships	90,290	21.7%	970	14.9%	91,260	21.6%
Ro-Ro Cargo Ships	19,718	4.7%	61	0.9%	19,780	4.7%
Bulk Carriers	100,734	24.2%	545	8.4%	101,279	24.0%
Oil and Chemical Tankers	144,439	34.7%	1,579	24.2%	146,018	34.5%
Gas Tankers	26,031	6.3%	30	0.5%	26,061	6.2%
Other Tankers	282	0.1%	54	0.8%	336	0.1%
Passenger Ships	13,398	3.2%	812	12.4%	14,210	3.4%
Offshore Vessels	6,259	1.5%	243	3.7%	6,501	1.5%
Service Ships	1,496	0.4%	300	4.6%	1,796	0.4%
Tugs	173	0.0%	23	0.4%	197	0.0%
Total	416,234	100%	6,526	100%	422,760	100%

Source: Equasis - IACS membership on 31/12/2013

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 SIZED SHIPS

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

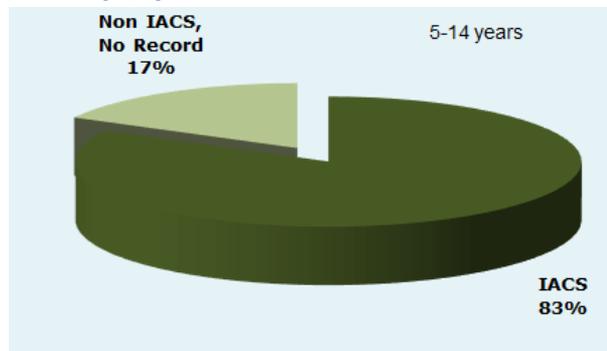
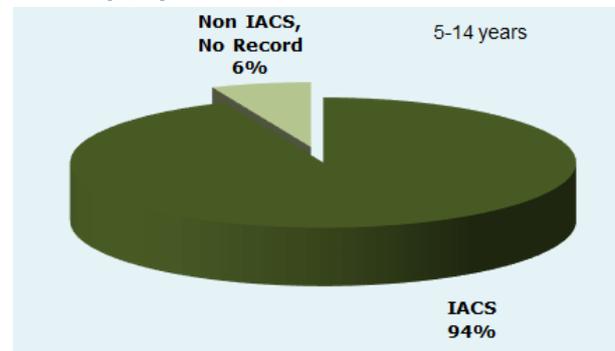
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,832	23.1%	796	48.4%	2,628	27.5%
Specialized Cargo Ships	25	0.3%	3	0.2%	28	0.3%
Container Ships	987	12.5%	61	3.7%	1,048	11.0%
Ro-Ro Cargo Ships	161	2.0%	7	0.4%	168	1.8%
Bulk Carriers	631	8.0%	97	5.9%	728	7.6%
Oil and Chemical Tankers	1,928	24.3%	165	10.0%	2,093	21.9%
Gas Tankers	271	3.4%	4	0.2%	275	2.9%
Other Tankers	60	0.8%	12	0.7%	72	0.8%
Passenger Ships	269	3.4%	263	16.0%	532	5.6%
Offshore Vessels	1,358	17.1%	71	4.3%	1,429	14.9%
Service Ships	248	3.1%	147	8.9%	395	4.1%
Tugs	152	1.9%	20	1.2%	172	1.8%
Total	7,922	100%	1,646	100%	9,568	100%

Source: Equasis - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	11,592	18.7%	1,869	44.0%	13,461	20.3%
Specialized Cargo Ships	291	0.5%	39	0.9%	330	0.5%
Container Ships	12,335	19.8%	351	8.3%	12,687	19.1%
Ro-Ro Cargo Ships	2,246	3.6%	10	0.2%	2,256	3.4%
Bulk Carriers	9,733	15.7%	359	8.5%	10,093	15.2%
Oil and Chemical Tankers	17,392	28.0%	399	9.4%	17,790	26.8%
Gas Tankers	1,840	3.0%	30	0.7%	1,871	2.8%
Other Tankers	216	0.3%	21	0.5%	237	0.4%
Passenger Ships	1,539	2.5%	787	18.5%	2,326	3.5%
Offshore Vessels	3,414	5.5%	63	1.5%	3,476	5.2%
Service Ships	1,383	2.2%	300	7.0%	1,683	2.5%
Tugs	173	0.3%	23	0.5%	197	0.3%
Total	62,156	100%	4,251	100%	66,407	100%

Source: Equasis - IACS membership on 31/12/2013

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

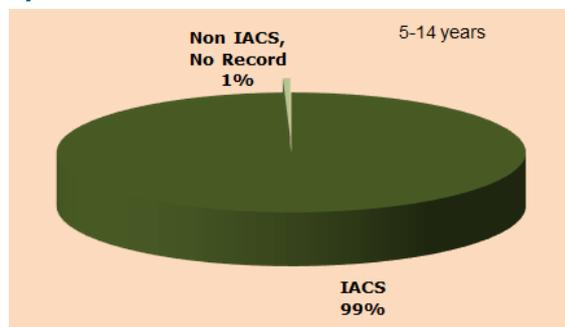
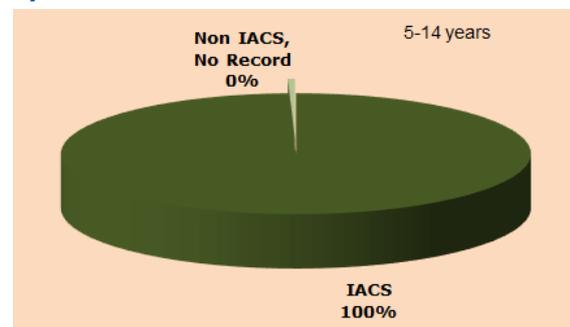
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	44	1.0%			44	1.0%
Specialized Cargo Ships	3	0.1%			3	0.1%
Container Ships	879	20.5%	10	45.5%	889	20.7%
Ro-Ro Cargo Ships	253	5.9%	1	4.5%	254	5.9%
Bulk Carriers	1,547	36.1%	3	13.6%	1,550	36.0%
Oil and Chemical Tankers	1,316	30.7%	6	27.3%	1,322	30.7%
Gas Tankers	100	2.3%			100	2.3%
Other Tankers	2	0.0%	1	4.5%	3	0.1%
Passenger Ships	115	2.7%	1	4.5%	116	2.7%
Offshore Vessels	19	0.4%			19	0.4%
Service Ships	3	0.1%			3	0.1%
Tugs						
Total	4,281	100%	22	100%	4,303	100%

Source: Equasis - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	1,410	0.9%			1,410	0.9%
Specialized Cargo Ships	120	0.1%			120	0.1%
Container Ships	33,028	20.4%	353	44.2%	33,381	20.5%
Ro-Ro Cargo Ships	12,308	7.6%	52	6.5%	12,360	7.6%
Bulk Carriers	55,630	34.4%	98	12.3%	55,728	34.2%
Oil and Chemical Tankers	49,837	30.8%	238	29.8%	50,075	30.8%
Gas Tankers	4,385	2.7%			4,385	2.7%
Other Tankers	66	0.0%	33	4.1%	99	0.1%
Passenger Ships	4,152	2.6%	25	3.1%	4,177	2.6%
Offshore Vessels	869	0.5%			869	0.5%
Service Ships	113	0.1%			113	0.1%
Tugs						
Total	161,917	100%	800	100%	162,716	100%

Source: Equasis - IACS membership on 31/12/2013

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

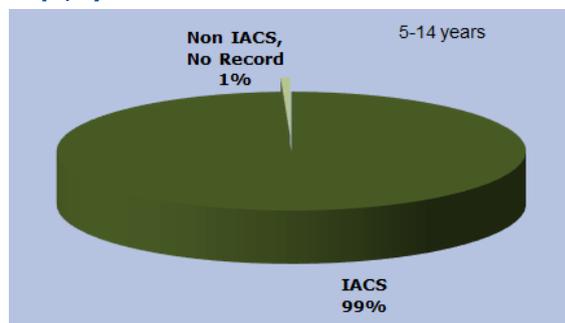
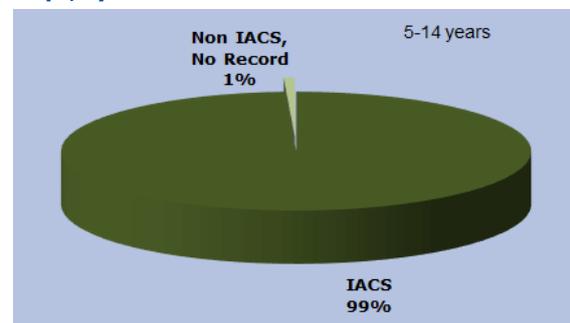
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	543	27.3%	3	23.1%	546	27.3%
Ro-Ro Cargo Ships	81	4.1%			81	4.1%
Bulk Carriers	385	19.4%	1	7.7%	386	19.3%
Oil and Chemical Tankers	696	35.0%	7	53.8%	703	35.2%
Gas Tankers	185	9.3%			185	9.3%
Other Tankers						
Passenger Ships	78	3.9%			78	3.9%
Offshore Vessels	18	0.9%	2	15.4%	20	1.0%
Service Ships						
Tugs						
Total	1,986	100%	13	100%	1,999	100%

Source: Equasis - IACS membership on 31/12/2013

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/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	44,927	23.4%	265	18.0%	45,192	23.3%
Ro-Ro Cargo Ships	5,164	2.7%			5,164	2.7%
Bulk Carriers	35,371	18.4%	87	5.9%	35,459	18.3%
Oil and Chemical Tankers	77,211	40.2%	942	63.9%	78,153	40.4%
Gas Tankers	19,806	10.3%			19,806	10.2%
Other Tankers						
Passenger Ships	7,707	4.0%			7,707	4.0%
Offshore Vessels	1,976	1.0%	180	12.2%	2,156	1.1%
Service Ships						
Tugs						
Total	192,161	100%	1,475	100%	193,636	100%

Source: Equasis - IACS membership on 31/12/2013

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/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,917	25.5%	740	40.3%	2,657	28.4%
Specialized Cargo Ships	33	0.4%	3	0.2%	36	0.4%
Container Ships	1,008	13.4%	81	4.4%	1,089	11.6%
Ro-Ro Cargo Ships	219	2.9%	26	1.4%	245	2.6%
Bulk Carriers	1,545	20.5%	114	6.2%	1,659	17.7%
Oil and Chemical Tankers	1,375	18.3%	304	16.5%	1,679	17.9%
Gas Tankers	376	5.0%	19	1.0%	395	4.2%
Other Tankers	55	0.7%	27	1.5%	82	0.9%
Passenger Ships	425	5.6%	336	18.3%	761	8.1%
Offshore Vessels	264	3.5%	32	1.7%	296	3.2%
Service Ships	241	3.2%	139	7.6%	380	4.1%
Tugs	68	0.9%	17	0.9%	85	0.9%
Total	7,526	100%	1,838	100%	9,364	100%

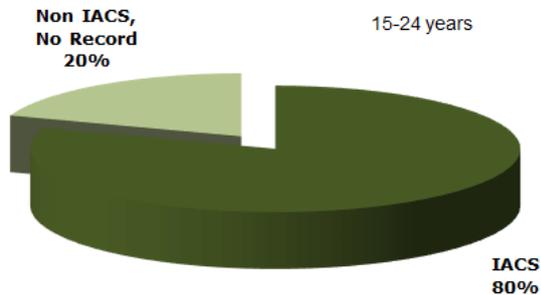
Source: Equasis - IACS membership on 31/12/2013

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

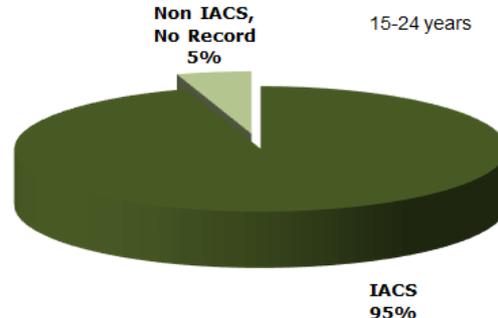
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	11,408	7.8%	1,588	20.9%	12,996	8.4%
Specialized Cargo Ships	658	0.4%	10	0.1%	668	0.4%
Container Ships	22,380	15.2%	667	8.8%	23,047	14.9%
Ro-Ro Cargo Ships	5,464	3.7%	95	1.3%	5,560	3.6%
Bulk Carriers	58,212	39.6%	1,630	21.5%	59,841	38.7%
Oil and Chemical Tankers	29,025	19.8%	1,570	20.7%	30,595	19.8%
Gas Tankers	7,312	5.0%	57	0.8%	7,370	4.8%
Other Tankers	161	0.1%	33	0.4%	194	0.1%
Passenger Ships	7,276	5.0%	1,200	15.8%	8,476	5.5%
Offshore Vessels	3,468	2.4%	450	5.9%	3,918	2.5%
Service Ships	1,514	1.0%	259	3.4%	1,773	1.1%
Tugs	58	0.0%	26	0.3%	84	0.1%
Total	146,937	100%	7,585	100%	154,522	100%

Source: Equasis - IACS membership on 31/12/2013

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 SIZED SHIPS

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

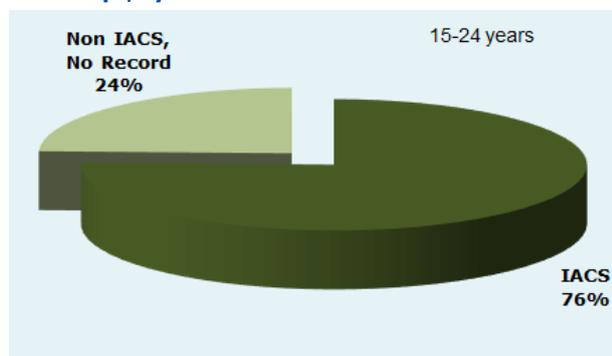
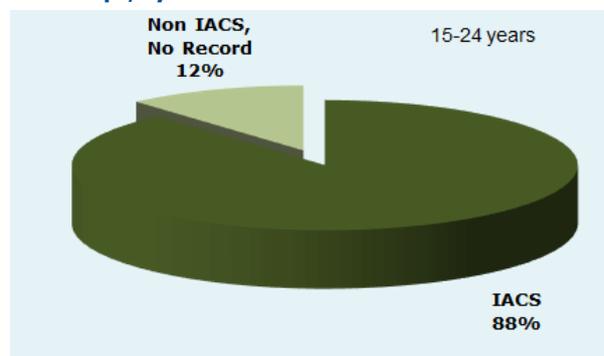
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,859	33.9%	740	41.7%	2,599	35.8%
Specialized Cargo Ships	20	0.4%	3	0.2%	23	0.3%
Container Ships	699	12.8%	77	4.3%	776	10.7%
Ro-Ro Cargo Ships	137	2.5%	26	1.5%	163	2.2%
Bulk Carriers	550	10.0%	81	4.6%	631	8.7%
Oil and Chemical Tankers	1,008	18.4%	286	16.1%	1,294	17.8%
Gas Tankers	296	5.4%	19	1.1%	315	4.3%
Other Tankers	54	1.0%	27	1.5%	81	1.1%
Passenger Ships	319	5.8%	334	18.8%	653	9.0%
Offshore Vessels	231	4.2%	27	1.5%	258	3.6%
Service Ships	235	4.3%	139	7.8%	374	5.2%
Tugs	68	1.2%	17	1.0%	85	1.2%
Total	5,476	100%	1,776	100%	7,252	100%

Source: Equasis - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	9,613	25.1%	1,588	31.9%	11,201	25.9%
Specialized Cargo Ships	121	0.3%	10	0.2%	130	0.3%
Container Ships	8,324	21.8%	498	10.0%	8,822	20.4%
Ro-Ro Cargo Ships	1,353	3.5%	95	1.9%	1,448	3.3%
Bulk Carriers	7,512	19.6%	486	9.8%	7,998	18.5%
Oil and Chemical Tankers	5,683	14.9%	809	16.2%	6,492	15.0%
Gas Tankers	1,598	4.2%	57	1.2%	1,655	3.8%
Other Tankers	132	0.3%	33	0.7%	165	0.4%
Passenger Ships	2,249	5.9%	1,059	21.3%	3,309	7.7%
Offshore Vessels	580	1.5%	57	1.1%	637	1.5%
Service Ships	1,029	2.7%	259	5.2%	1,288	3.0%
Tugs	58	0.2%	26	0.5%	84	0.2%
Total	38,252	100%	4,977	100%	43,229	100%

Source: Equasis - IACS membership on 31/12/2013

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

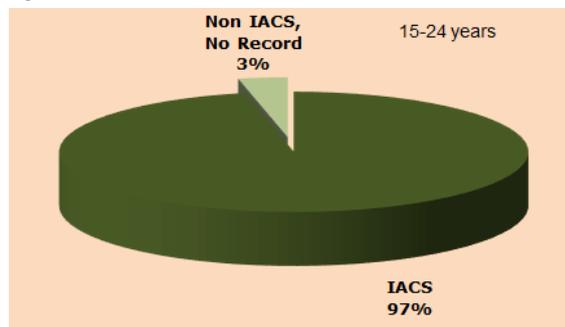
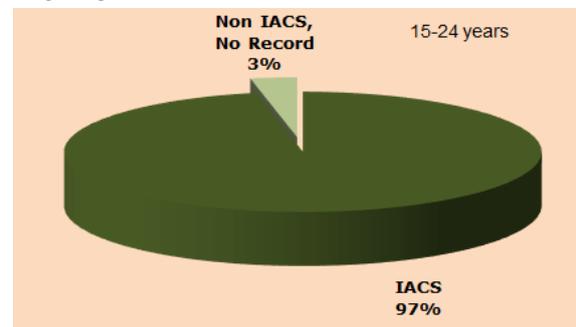
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	58	3.9%			58	3.7%
Specialized Cargo Ships	13	0.9%			13	0.8%
Container Ships	249	16.5%	4	7.5%	253	16.2%
Ro-Ro Cargo Ships	74	4.9%			74	4.7%
Bulk Carriers	728	48.4%	32	60.4%	760	48.8%
Oil and Chemical Tankers	248	16.5%	15	28.3%	263	16.9%
Gas Tankers	42	2.8%			42	2.7%
Other Tankers	1	0.1%			1	0.1%
Passenger Ships	76	5.0%			76	4.9%
Offshore Vessels	13	0.9%	2	3.8%	15	1.0%
Service Ships	3	0.2%			3	0.2%
Tugs						
Total	1,505	100%	53	100%	1,558	100%

Source: Equasis - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	1,795	3.2%			1,795	3.1%
Specialized Cargo Ships	537	1.0%			537	0.9%
Container Ships	9,758	17.6%	169	9.4%	9,926	17.3%
Ro-Ro Cargo Ships	3,560	6.4%			3,560	6.2%
Bulk Carriers	24,638	44.5%	989	54.9%	25,626	44.8%
Oil and Chemical Tankers	9,807	17.7%	539	29.9%	10,345	18.1%
Gas Tankers	1,789	3.2%			1,789	3.1%
Other Tankers	29	0.1%			29	0.0%
Passenger Ships	2,761	5.0%			2,761	4.8%
Offshore Vessels	637	1.1%	106	5.9%	743	1.3%
Service Ships	117	0.2%			117	0.2%
Tugs						
Total	55,426	100%	1,803	100%	57,229	100%

Source: Equasis - IACS membership on 31/12/2013

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

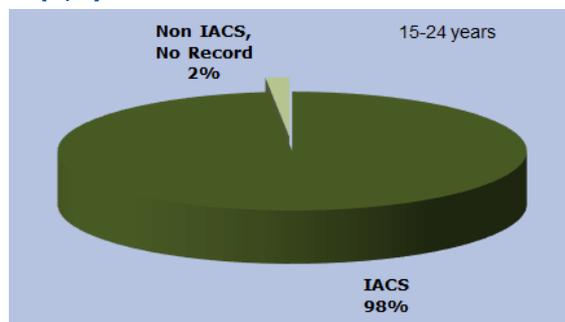
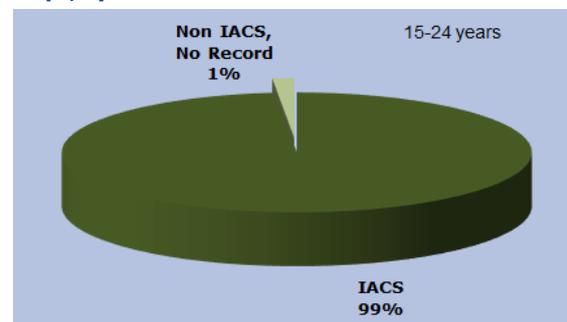
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	60	11.0%			60	10.8%
Ro-Ro Cargo Ships	8	1.5%			8	1.4%
Bulk Carriers	267	49.0%	1	11.1%	268	48.4%
Oil and Chemical Tankers	119	21.8%	3	33.3%	122	22.0%
Gas Tankers	38	7.0%			38	6.9%
Other Tankers						
Passenger Ships	30	5.5%	2	22.2%	32	5.8%
Offshore Vessels	20	3.7%	3	33.3%	23	4.2%
Service Ships	3	0.6%			3	0.5%
Tugs						
Total	545	100%	9	100%	554	100%

Source: Equasis - IACS membership on 31/12/2013

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/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	4,298	8.1%			4,298	8.0%
Ro-Ro Cargo Ships	552	1.0%			552	1.0%
Bulk Carriers	26,062	48.9%	155	19.2%	26,217	48.5%
Oil and Chemical Tankers	13,536	25.4%	223	27.7%	13,759	25.4%
Gas Tankers	3,925	7.4%			3,925	7.3%
Other Tankers						
Passenger Ships	2,266	4.3%	141	17.5%	2,406	4.5%
Offshore Vessels	2,252	4.2%	287	35.6%	2,539	4.7%
Service Ships	368	0.7%			368	0.7%
Tugs						
Total	53,259	100%	805	100%	54,064	100%

Source: Equasis - IACS membership on 31/12/2013

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

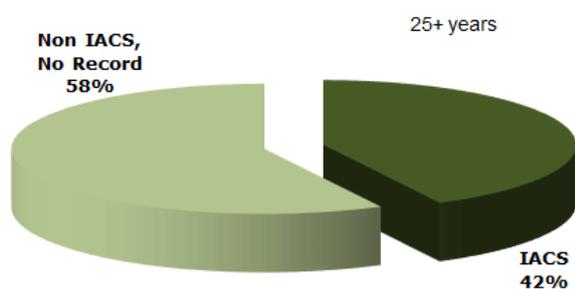
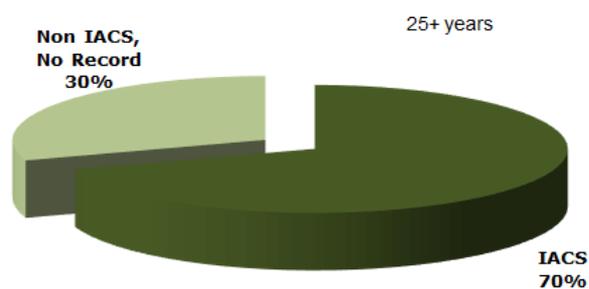
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,465	27.3%	3,213	44.1%	4,678	36.9%
Specialized Cargo Ships	68	1.3%	64	0.9%	132	1.0%
Container Ships	81	1.5%	65	0.9%	146	1.2%
Ro-Ro Cargo Ships	205	3.8%	144	2.0%	349	2.8%
Bulk Carriers	595	11.1%	358	4.9%	953	7.5%
Oil and Chemical Tankers	493	9.2%	1,187	16.3%	1,680	13.3%
Gas Tankers	124	2.3%	126	1.7%	250	2.0%
Other Tankers	63	1.2%	141	1.9%	204	1.6%
Passenger Ships	424	7.9%	679	9.3%	1,103	8.7%
Offshore Vessels	1,073	20.0%	464	6.4%	1,537	12.1%
Service Ships	538	10.0%	646	8.9%	1,184	9.4%
Tugs	240	4.5%	205	2.8%	445	3.5%
Total	5,369	100%	7,292	100%	12,661	100%

Source: Equasis - IACS membership on 31/12/2013

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/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,638	14.1%	7,093	34.9%	13,732	20.4%
Specialized Cargo Ships	1,337	2.8%	223	1.1%	1,560	2.3%
Container Ships	1,959	4.2%	305	1.5%	2,263	3.4%
Ro-Ro Cargo Ships	4,487	9.6%	678	3.3%	5,164	7.7%
Bulk Carriers	11,216	23.9%	4,692	23.1%	15,909	23.7%
Oil and Chemical Tankers	2,813	6.0%	3,092	15.2%	5,905	8.8%
Gas Tankers	3,728	7.9%	167	0.8%	3,895	5.8%
Other Tankers	92	0.2%	155	0.8%	248	0.4%
Passenger Ships	4,401	9.4%	1,382	6.8%	5,783	8.6%
Offshore Vessels	8,055	17.2%	1,118	5.5%	9,173	13.6%
Service Ships	1,963	4.2%	1,249	6.1%	3,212	4.8%
Tugs	236	0.5%	163	0.8%	399	0.6%
Total	46,925	100%	20,319	100%	67,244	100%

Source: Equasis - IACS membership on 31/12/2013

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 SIZED SHIPS

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,429	29.3%	3,213	44.5%	4,642	38.3%
Specialized Cargo Ships	41	0.8%	63	0.9%	104	0.9%
Container Ships	46	0.9%	65	0.9%	111	0.9%
Ro-Ro Cargo Ships	130	2.7%	144	2.0%	274	2.3%
Bulk Carriers	474	9.7%	314	4.3%	788	6.5%
Oil and Chemical Tankers	469	9.6%	1,178	16.3%	1,647	13.6%
Gas Tankers	81	1.7%	126	1.7%	207	1.7%
Other Tankers	63	1.3%	141	2.0%	204	1.7%
Passenger Ships	376	7.7%	678	9.4%	1,054	8.7%
Offshore Vessels	1,006	20.6%	456	6.3%	1,462	12.1%
Service Ships	530	10.8%	644	8.9%	1,174	9.7%
Tugs	240	4.9%	205	2.8%	445	3.7%
Total	4,885	100%	7,227	100%	12,112	100%

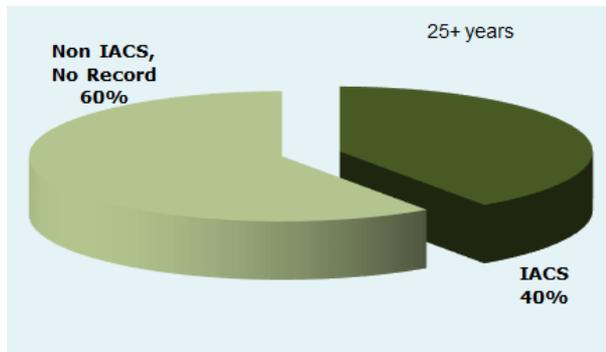
Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2013

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

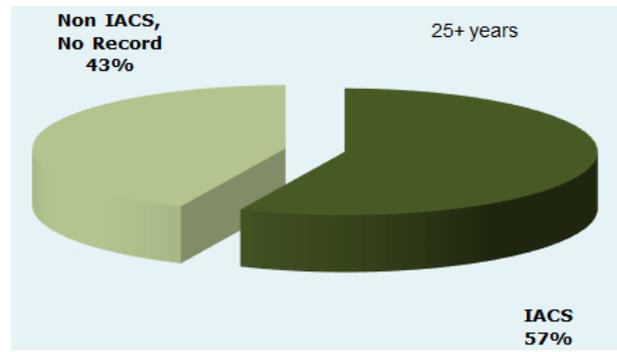
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	5,645	24.3%	7,093	40.1%	12,738	31.2%
Specialized Cargo Ships	400	1.7%	193	1.1%	593	1.5%
Container Ships	667	2.9%	305	1.7%	972	2.4%
Ro-Ro Cargo Ships	1,216	5.2%	678	3.8%	1,894	4.6%
Bulk Carriers	6,335	27.3%	3,243	18.4%	9,578	23.4%
Oil and Chemical Tankers	1,992	8.6%	2,711	15.3%	4,703	11.5%
Gas Tankers	383	1.7%	167	0.9%	550	1.3%
Other Tankers	92	0.4%	155	0.9%	248	0.6%
Passenger Ships	2,712	11.7%	1,355	7.7%	4,068	10.0%
Offshore Vessels	1,864	8.0%	475	2.7%	2,339	5.7%
Service Ships	1,657	7.1%	1,133	6.4%	2,789	6.8%
Tugs	236	1.0%	163	0.9%	399	1.0%
Total	23,199	100%	17,672	100%	40,871	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2013

Graph 55 - Total number of 25+ years old medium sized ships, by class



Graph 56 - Gross tonnage of 25+ years old medium sized ships, by class



25+ YEARS OLD LARGE SHIPS

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

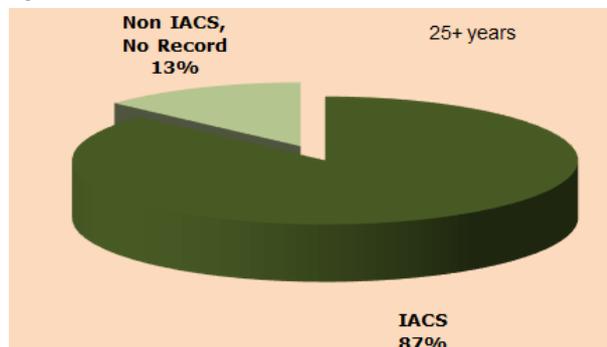
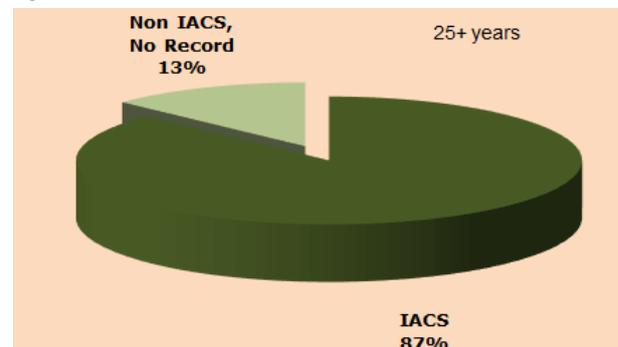
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	36	9.1%			36	7.9%
Specialized Cargo Ships	27	6.8%	1	1.7%	28	6.2%
Container Ships	35	8.9%			35	7.7%
Ro-Ro Cargo Ships	73	18.5%			73	16.0%
Bulk Carriers	113	28.6%	44	73.3%	157	34.5%
Oil and Chemical Tankers	22	5.6%	9	15.0%	31	6.8%
Gas Tankers	13	3.3%			13	2.9%
Other Tankers						
Passenger Ships	47	11.9%	1	1.7%	48	10.5%
Offshore Vessels	22	5.6%	4	6.7%	26	5.7%
Service Ships	7	1.8%	1	1.7%	8	1.8%
Tugs						
Total	395	100%	60	100%	455	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	994	7.0%			994	6.1%
Specialized Cargo Ships	937	6.6%	30	1.4%	967	5.9%
Container Ships	1,291	9.0%			1,291	7.9%
Ro-Ro Cargo Ships	3,137	22.0%			3,137	19.1%
Bulk Carriers	3,855	27.0%	1,449	68.6%	5,304	32.4%
Oil and Chemical Tankers	693	4.9%	381	18.0%	1,074	6.5%
Gas Tankers	604	4.2%			604	3.7%
Other Tankers						
Passenger Ships	1,615	11.3%	27	1.3%	1,642	10.0%
Offshore Vessels	921	6.5%	179	8.5%	1,100	6.7%
Service Ships	235	1.6%	46	2.2%	281	1.7%
Tugs						
Total	14,282	100%	2,112	100%	16,395	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

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

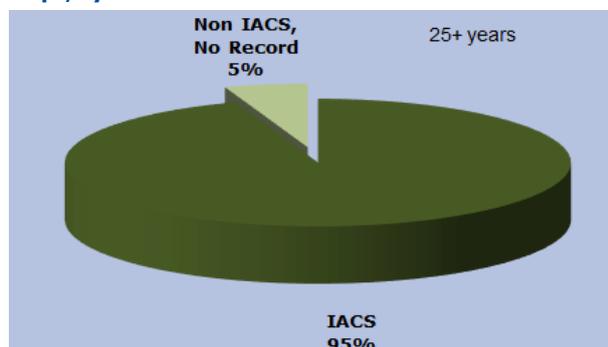
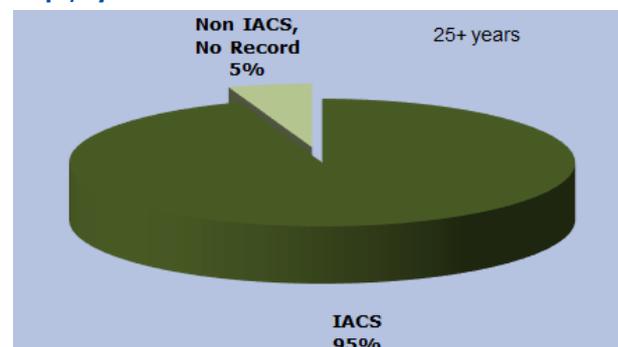
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships						
Ro-Ro Cargo Ships	2	2.2%			2	2.1%
Bulk Carriers	8	9.0%			8	8.5%
Oil and Chemical Tankers	2	2.2%			2	2.1%
Gas Tankers	30	33.7%			30	31.9%
Other Tankers						
Passenger Ships	1	1.1%			1	1.1%
Offshore Vessels	45	50.6%	4	80.0%	49	52.1%
Service Ships	1	1.1%	1	20.0%	2	2.1%
Tugs						
Total	89	100%	5	100%	94	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships						
Ro-Ro Cargo Ships	133	1.4%			133	1.3%
Bulk Carriers	1,027	10.9%			1,027	10.3%
Oil and Chemical Tankers	129	1.4%			129	1.3%
Gas Tankers	2,741	29.0%			2,741	27.5%
Other Tankers						
Passenger Ships	74	0.8%			74	0.7%
Offshore Vessels	5,270	55.8%	464	86.8%	5,734	57.5%
Service Ships	71	0.8%	71	13.2%	142	1.4%
Tugs						
Total	9,444	100%	534	100%	9,979	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

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

WORLD FLEET GT≥500

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

Ship Type	Targeted flag				Non Targeted flag					
	IACS		Non IACS/No Record		IACS		Non IACS/No Record		Total	
General Cargo Ships	2,786	22.0%	3,511	54.7%	6,297	3,847	14.2%	1,727	30.1%	5,574
Specialized Cargo Ships	49	0.4%	54	0.8%	103	130	0.5%	22	0.4%	152
Container Ships	1,459	11.5%	171	2.7%	1,630	3,134	11.6%	114	2.0%	3,248
Ro-Ro Cargo Ships	445	3.5%	111	1.7%	556	790	2.9%	76	1.3%	866
Bulk Carriers	3,788	29.9%	378	5.9%	4,166	5,335	19.7%	538	9.4%	5,873
Oil and Chemical Tankers	2,027	16.0%	1,004	15.6%	3,031	6,350	23.4%	843	14.7%	7,193
Gas Tankers	365	2.9%	97	1.5%	462	1,060	3.9%	55	1.0%	1,115
Other Tankers	71	0.6%	76	1.2%	147	211	0.8%	122	2.1%	333
Passenger Ships	225	1.8%	501	7.8%	726	1,264	4.7%	905	15.8%	2,169
Offshore Vessels	1,142	9.0%	222	3.5%	1,364	3,323	12.3%	386	6.7%	3,709
Service Ships	200	1.6%	245	3.8%	445	1,094	4.0%	749	13.0%	1,843
Tugs	95	0.8%	52	0.8%	147	544	2.0%	209	3.6%	753
Total	12,652	100%	6,422	100%	19,074	27,082	100%	5,746	100%	32,828

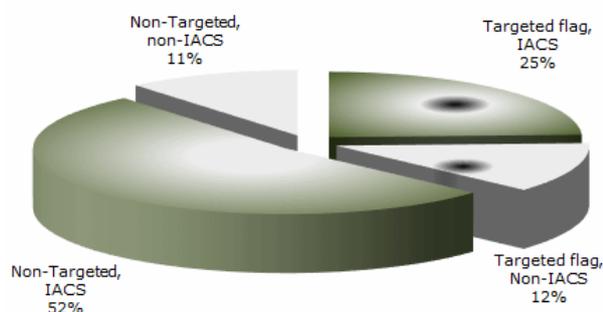
Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

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

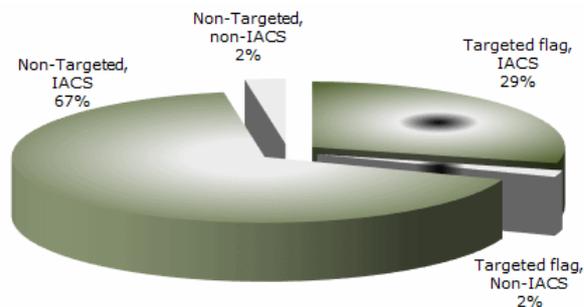
Ship Type	Targeted flag				Non Targeted flag					
	IACS		Non IACS/No Record		IACS		Non IACS/No Record		Total	
General Cargo Ships	17,523	5.6%	7,705	43.0%	25,228	26,886	3.7%	4,180	14.9%	31,066
Specialized Cargo Ships	816	0.3%	187	1.0%	1,003	2,494	0.3%	103	0.4%	2,597
Container Ships	50,122	15.9%	1,341	7.5%	51,463	131,082	18.1%	2,376	8.4%	133,458
Ro-Ro Cargo Ships	17,179	5.5%	515	2.9%	17,694	26,834	3.7%	640	2.3%	27,475
Bulk Carriers	146,833	46.7%	2,627	14.7%	149,459	225,011	31.0%	9,302	33.1%	234,313
Oil and Chemical Tankers	58,410	18.6%	3,135	17.5%	61,546	219,314	30.2%	5,389	19.2%	224,703
Gas Tankers	9,342	3.0%	157	0.9%	9,498	42,322	5.8%	131	0.5%	42,452
Other Tankers	185	0.1%	89	0.5%	274	818	0.1%	172	0.6%	990
Passenger Ships	6,888	2.2%	1,181	6.6%	8,070	23,744	3.3%	2,705	9.6%	26,450
Offshore Vessels	5,709	1.8%	544	3.0%	6,253	21,329	2.9%	1,353	4.8%	22,681
Service Ships	1,289	0.4%	374	2.1%	1,663	5,323	0.7%	1,592	5.7%	6,915
Tugs	94	0.0%	46	0.3%	140	569	0.1%	183	0.7%	752
Total	314,390	100%	17,902	100%	332,292	725,724	100%	28,126	100%	753,851

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

Graph 61 - Total number of ships GT≥500, by class and flag



Graph 62 - Gross tonnage of ships GT≥500, by class and flag



MEDIUM SIZED SHIPS

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

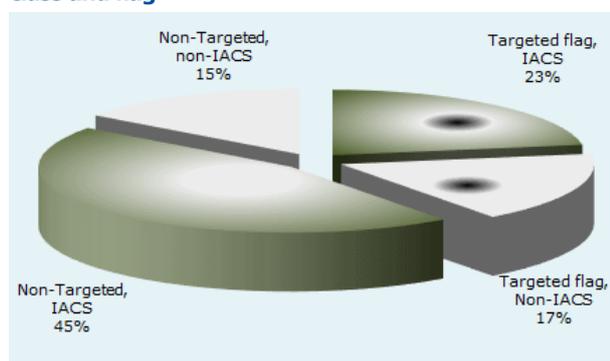
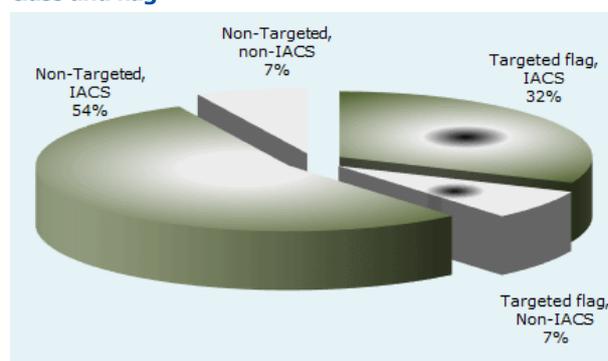
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	2,756	33.4%	3,511	55.1%	6,267	3,677	22.1%	1,726	31.5%	5,403
Specialized Cargo Ships	35	0.4%	53	0.8%	88	91	0.5%	22	0.4%	113
Container Ships	805	9.8%	163	2.6%	968	1,199	7.2%	89	1.6%	1,288
Ro-Ro Cargo Ships	141	1.7%	111	1.7%	252	334	2.0%	70	1.3%	404
Bulk Carriers	1,351	16.4%	359	5.6%	1,710	1,446	8.7%	358	6.5%	1,804
Oil and Chemical Tankers	1,307	15.9%	985	15.5%	2,292	3,342	20.1%	806	14.7%	4,148
Gas Tankers	256	3.1%	97	1.5%	353	626	3.8%	55	1.0%	681
Other Tankers	71	0.9%	76	1.2%	147	207	1.2%	121	2.2%	328
Passenger Ships	144	1.7%	500	7.9%	644	932	5.6%	900	16.4%	1,832
Offshore Vessels	1,094	13.3%	217	3.4%	1,311	3,161	19.0%	375	6.8%	3,536
Service Ships	191	2.3%	245	3.8%	436	1,076	6.5%	747	13.6%	1,823
Tugs	95	1.2%	52	0.8%	147	544	3.3%	209	3.8%	753
Total	8,246	100%	6,369	100%	14,615	16,635	100%	5,478	100%	22,113

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2013

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

Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	16,570	24.9%	7,705	49.3%	24,276	21,332	18.7%	4,146	27.5%	25,478
Specialized Cargo Ships	314	0.5%	156	1.0%	471	958	0.8%	103	0.7%	1,060
Container Ships	9,326	14.0%	899	5.8%	10,225	15,703	13.8%	580	3.8%	16,282
Ro-Ro Cargo Ships	1,468	2.2%	515	3.3%	1,983	4,041	3.5%	276	1.8%	4,317
Bulk Carriers	22,389	33.7%	1,892	12.1%	24,281	23,710	20.8%	3,206	21.2%	26,917
Oil and Chemical Tankers	9,891	14.9%	2,398	15.4%	12,289	24,461	21.4%	1,957	13.0%	26,418
Gas Tankers	1,671	2.5%	157	1.0%	1,828	4,027	3.5%	131	0.9%	4,158
Other Tankers	185	0.3%	89	0.6%	274	689	0.6%	139	0.9%	828
Passenger Ships	1,299	2.0%	1,154	7.4%	2,453	5,683	5.0%	2,471	16.4%	8,154
Offshore Vessels	2,523	3.8%	229	1.5%	2,752	8,351	7.3%	427	2.8%	8,778
Service Ships	741	1.1%	374	2.4%	1,114	4,592	4.0%	1,475	9.8%	6,067
Tugs	94	0.1%	46	0.3%	140	569	0.5%	183	1.2%	752
Total	66,472	100%	15,614	100%	82,087	114,115	100%	15,093	100%	129,208

Source: Equasis - ⁽¹⁾ 500≤GT<25.000 - IACS membership on 31/12/2013

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

LARGE SHIPS

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

Ship Type	Targeted flag			Non Targeted flag		
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total
General Cargo Ships	30	1.0%		170	2.4%	171
Specialized Cargo Ships	14	0.5%	1	37	0.5%	37
Container Ships	366	11.8%	7	1,198	17.2%	1,211
Ro-Ro Cargo Ships	239	7.7%		363	5.2%	366
Bulk Carriers	1,834	59.4%	18	2,954	42.4%	3,129
Oil and Chemical Tankers	468	15.2%	17	1,799	25.8%	1,816
Gas Tankers	62	2.0%		135	1.9%	135
Other Tankers				4	0.1%	5
Passenger Ships	40	1.3%	1	229	3.3%	232
Offshore Vessels	29	0.9%	3	58	0.8%	62
Service Ships	7	0.2%		16	0.2%	17
Tugs						
Total	3,089	100%	47	6,963	100%	7,181

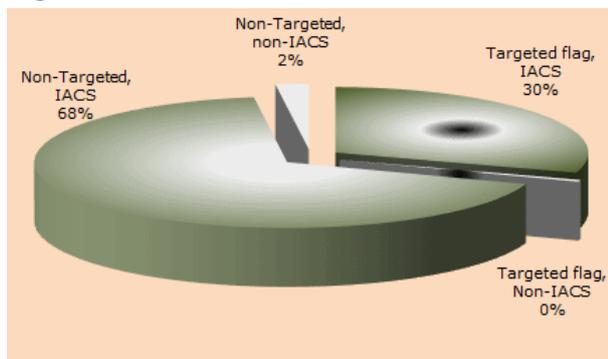
Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

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

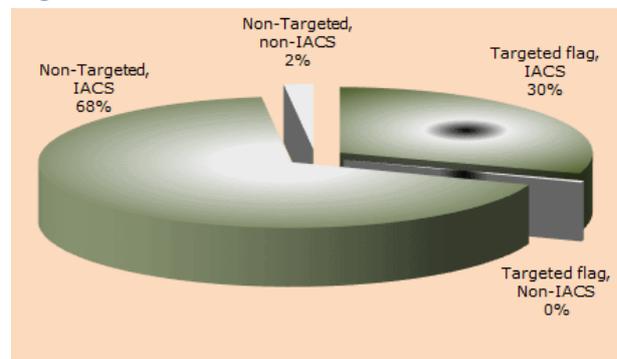
Ship Type	Targeted flag			Non Targeted flag		
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total
General Cargo Ships	953	0.8%		5,554	2.1%	5,588
Specialized Cargo Ships	502	0.4%	30	1,383	0.5%	1,383
Container Ships	14,130	12.0%	302	46,470	17.7%	46,940
Ro-Ro Cargo Ships	11,540	9.8%		16,765	6.4%	16,935
Bulk Carriers	67,535	57.4%	640	108,455	41.2%	114,033
Oil and Chemical Tankers	17,177	14.6%	596	67,070	25.5%	67,788
Gas Tankers	2,797	2.4%		5,920	2.2%	5,920
Other Tankers				129	0.0%	162
Passenger Ships	1,461	1.2%	27	8,170	3.1%	8,263
Offshore Vessels	1,253	1.1%	141	2,668	1.0%	2,837
Service Ships	244	0.2%		596	0.2%	642
Tugs						
Total	117,591	100%	1,736	263,181	100%	270,492

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2013

Graph 65 - Total number of large ships, by class and flag



Graph 66 - Gross tonnage of large ships, by class and flag



VERY LARGE SHIPS

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

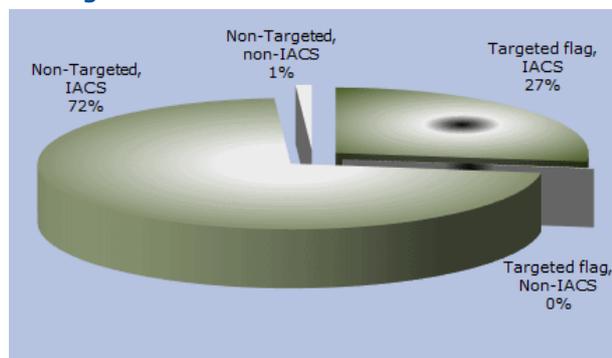
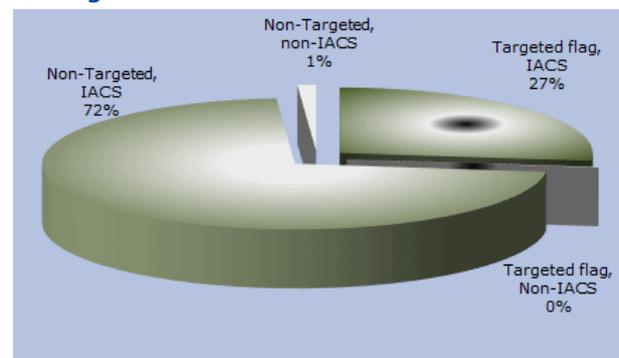
Ship Type	Targeted flag				Non Targeted flag					
	IACS		Non IACS/No Record		IACS		Non IACS/No Record		Total	
General Cargo Ships										
Specialized Cargo Ships					2	0.1%			2	
Container Ships	288	21.9%	1	16.7%	289	737	21.2%	12	24.0%	749
Ro-Ro Cargo Ships	65	4.9%			65	93	2.7%	3	6.0%	96
Bulk Carriers	603	45.8%	1	16.7%	604	935	26.8%	5	10.0%	940
Oil and Chemical Tankers	252	19.1%	2	33.3%	254	1,209	34.7%	20	40.0%	1,229
Gas Tankers	47	3.6%			47	299	8.6%			299
Other Tankers										
Passenger Ships	41	3.1%			41	103	3.0%	2	4.0%	105
Offshore Vessels	19	1.4%	2	33.3%	21	104	3.0%	7	14.0%	111
Service Ships	2	0.2%			2	2	0.1%	1	2.0%	3
Tugs										
Total	1,317	100%	6	100%	1,323	3,484	100%	50	100%	3,534

Source: Equasis - ⁽¹⁾ GT≥60,000 - IACS membership on 31/12/2013

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

Ship Type	Targeted flag				Non Targeted flag					
	IACS		Non IACS/No Record		IACS		Non IACS/No Record		Total	
General Cargo Ships										
Specialized Cargo Ships					153	0.0%			153	
Container Ships	26,666	20.5%	141	25.6%	26,807	68,909	19.8%	1,327	23.2%	70,236
Ro-Ro Cargo Ships	4,170	3.2%			4,170	6,028	1.7%	194	3.4%	6,222
Bulk Carriers	56,908	43.7%	95	17.2%	57,003	92,505	26.6%	518	9.1%	93,023
Oil and Chemical Tankers	31,343	24.0%	142	25.7%	31,485	127,783	36.7%	2,714	47.4%	130,497
Gas Tankers	4,874	3.7%			4,874	32,374	9.3%			32,374
Other Tankers										
Passenger Ships	4,129	3.2%			4,129	9,891	2.8%	141	2.5%	10,032
Offshore Vessels	1,933	1.5%	174	31.5%	2,107	10,309	3.0%	757	13.2%	11,066
Service Ships	304	0.2%			304	135	0.0%	71	1.2%	206
Tugs										
Total	130,327	100%	552	100%	130,879	348,088	100%	5,721	100%	353,809

Source: Equasis - ⁽¹⁾ GT≥60,000 - IACS membership on 31/12/2013

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

3.4. SAFETY PERFORMANCE

WORLD FLEET GT≥500

Table 69 - World fleet GT≥500 detention rates^(*), by type and class

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	4.57%	15.05%	7.33%
Specialized Cargo Ships	6.82%	10.47%	7.61%
Container Ships	2.62%	9.43%	2.74%
Ro-Ro Cargo Ships	2.16%	11.36%	2.64%
Bulk Carriers	3.65%	15.13%	4.01%
Oil and Chemical Tankers	1.74%	10.16%	1.96%
Gas Tankers	2.09%	24.00%	2.48%
Other Tankers	4.04%	21.21%	5.90%
Passenger Ships	1.44%	9.09%	1.67%
Offshore Vessels	4.54%	20.00%	4.95%
Service Ships	1.02%	12.24%	4.07%
Tugs	3.26%	12.50%	4.00%
Total	3.25%	14.55%	4.31%

Source: Equasis - IACS membership on 31/12/2013 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG and Viña del Mar divided by total number of inspections

MEDIUM SIZED SHIPS

Table 70 - Medium sized⁽¹⁾ ships detention rates^(*), by type and class

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	4.67%	15.07%	7.51%
Specialized Cargo Ships	8.88%	9.41%	9.03%
Container Ships	3.55%	14.14%	3.85%
Ro-Ro Cargo Ships	3.71%	12.40%	5.62%
Bulk Carriers	3.88%	16.41%	4.94%
Oil and Chemical Tankers	2.44%	11.40%	2.85%
Gas Tankers	2.58%	24.00%	3.19%
Other Tankers	4.18%	22.58%	6.12%
Passenger Ships	2.89%	11.11%	3.39%
Offshore Vessels	4.67%	20.83%	5.09%
Service Ships	1.05%	12.24%	3.42%
Tugs	3.26%	12.50%	1.00%
Total	3.90%	14.93%	5.68%

Source: Equasis - IACS membership on 31/12/2013 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG and Viña del Mar divided by total number of inspections

LARGE SHIPS

Table 71 - Large⁽¹⁾ ships detention rates^(*), by type and class

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	2.63%	0.00%	2.61%
Specialized Cargo Ships	2.17%	100.00%	3.23%
Container Ships	2.23%	3.45%	2.24%
Ro-Ro Cargo Ships	2.13%	0.00%	2.12%
Bulk Carriers	3.47%	1.89%	3.46%
Oil and Chemical Tankers	1.23%	0.00%	1.22%
Gas Tankers	1.99%		1.99%
Other Tankers	0.00%	0.00%	0.00%
Passenger Ships	0.80%		0.80%
Offshore Vessels	0.00%		0.00%
Service Ships	0.00%		0.00%
Tugs			
Total	2.71%	2.54%	2.71%

Source: Equasis - IACS membership on 31/12/2013 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG and Viña del Mar divided by total number of inspections

VERY LARGE SHIPS

Table 72 - Very large⁽¹⁾ ships detention rates^(*), by type and class

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships			
Specialized Cargo Ships	0.00%		0.00%
Container Ships	1.82%	0.00%	1.80%
Ro-Ro Cargo Ships	0.84%	0.00%	0.83%
Bulk Carriers	3.83%	0.00%	3.82%
Oil and Chemical Tankers	0.68%	0.00%	0.68%
Gas Tankers	0.70%		0.70%
Other Tankers			
Passenger Ships	0.25%	0.00%	0.25%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%		0.00%
Tugs			
Total	2.15%	0.00%	2.14%

Source: Equasis - IACS membership on 31/12/2013 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG and Viña del Mar 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 using their clubs which have IMO numbers.

There are thirteen separate and independent principal Clubs in the IGP&I. 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) Limited²*

- *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 the IGP&I data but as explained in Chapter 1, small ships are not included in the statistics which follow.

The following Tables show the proportion of the fleet, in each ship size and ship type, which is registered with the clubs in the IGP&I (column headed IGP&I), compared to the proportion of ships (column headed Non IGP&I) which are either:

- insured with a club which is not a member of the IGP&I ;
- covered by commercial insurance for which information is unavailable ;
- not covered by P&I insurance.

In Chapter 4.4 the fleet is analysed according to P&I and flag State status. Flag States are grouped in two categories, targeted and non-targeted, as explained in Chapter 1.

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), USCG and Viña del Mar MoU.

RESULTS

Graph 69 indicates that for vessels over 500GT in Equasis, for which data has been

¹ Gard (Bermuda) Ltd only became a principal Association with effect from the 2011 policy year. Previously, the principal Association was Assuranceforeningen Gard.

² Since July 2012, "the Standard Steamship Owners Protection & Indemnity Association (Bermuda) Ltd" has changed its name to "The Standard Club Limited"

supplied, 61% are covered by one of the members of the IGP&I. This rises to 92% by tonnage.

Graphs 73 to 76 show that 95% of the large and 98% of the very large ship size categories are covered by the members of the IGP&I. Within the medium sized ship category just under a half (46%) are covered by number, which equates to about 70% in tonnage.

Comparing Graph 77 with Graph 85 reveals that the age profile of ships covered by the members of the IGP&I is considerably younger than those which are not. A third (35%) of the IGP&I fleet is under 5 years old and only 9% is over 25 years old. Of the younger fleet, more than half are either chemical tankers or bulk carriers (Table 81). This trend is more marked in the large and very large ship size categories. For non-IGP&I members the trend is reversed, as only 14% of the fleet is under 5 years old and 49% is over 25 years old, with 42.7% of the older fleet being general cargo ships (Table 89).

The safety performance of vessels over 500GT that are included in Equasis, as measured by detention rates, shows that 4.31% of inspections resulted in detention in 2013. Table 105 shows that ships insured by companies outside the IGP&I had a higher detention rate in 2013 compared to the one of those that are members (10.68% compared with 2.83%).

4.1. P&I STATUS

WORLD FLEET GT≥500

Table 73 - P&I world fleet GT≥500 status : total number of ships, by type

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	3,736	11.9%	8,135	39.8%	11,871	22.9%
Specialized Cargo Ships	150	0.5%	105	0.5%	255	0.5%
Container Ships	4,237	13.5%	641	3.1%	4,878	9.4%
Ro-Ro Cargo Ships	1,028	3.3%	394	1.9%	1,422	2.7%
Bulk Carriers	8,534	27.1%	1,505	7.4%	10,039	19.3%
Oil and Chemical Tankers	7,331	23.3%	2,893	14.2%	10,224	19.7%
Gas Tankers	1,219	3.9%	358	1.8%	1,577	3.0%
Other Tankers	191	0.6%	289	1.4%	480	0.9%
Passenger Ships	1,190	3.8%	1,705	8.3%	2,895	5.6%
Offshore Vessels	2,849	9.1%	2,224	10.9%	5,073	9.8%
Service Ships	646	2.1%	1,642	8.0%	2,288	4.4%
Tugs	364	1.2%	536	2.6%	900	1.7%
Total	31,475	100%	20,427	100%	51,902	100%

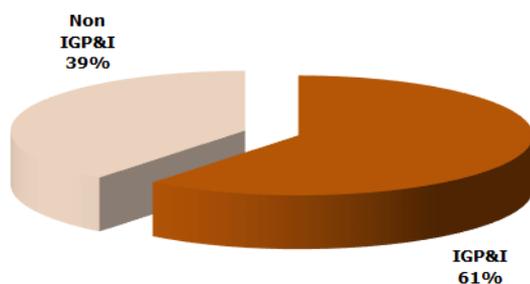
Source: Equasis

Table 74 - P&I world fleet GT≥500 status : gross tonnage (in 1000 t) of ships, by type

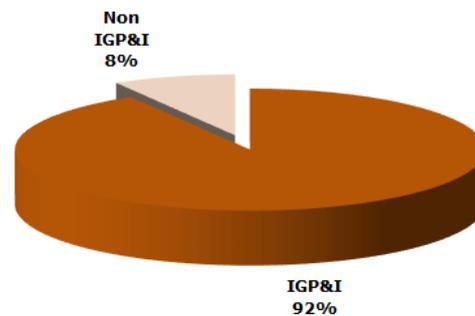
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	33,184	3.3%	23,110	25.1%	56,294	5.2%
Specialized Cargo Ships	3,079	0.3%	520	0.6%	3,599	0.3%
Container Ships	178,808	18.0%	6,113	6.6%	184,921	17.0%
Ro-Ro Cargo Ships	42,031	4.2%	3,138	3.4%	45,169	4.2%
Bulk Carriers	362,640	36.5%	21,132	23.0%	383,772	35.3%
Oil and Chemical Tankers	268,330	27.0%	17,918	19.5%	286,248	26.4%
Gas Tankers	50,931	5.1%	1,020	1.1%	51,951	4.8%
Other Tankers	887	0.1%	443	0.5%	1,330	0.1%
Passenger Ships	28,401	2.9%	6,118	6.7%	34,519	3.2%
Offshore Vessels	21,302	2.1%	7,633	8.3%	28,935	2.7%
Service Ships	4,302	0.4%	4,276	4.7%	8,578	0.8%
Tugs	381	0.0%	511	0.6%	892	0.1%
Total	994,276	100%	91,932	100%	1,086,208	100%

Source: Equasis

Graph 69 - Number of ships GT≥500, by P&I status



Graph 70 - Gross tonnage of ships GT≥500, by P&I status



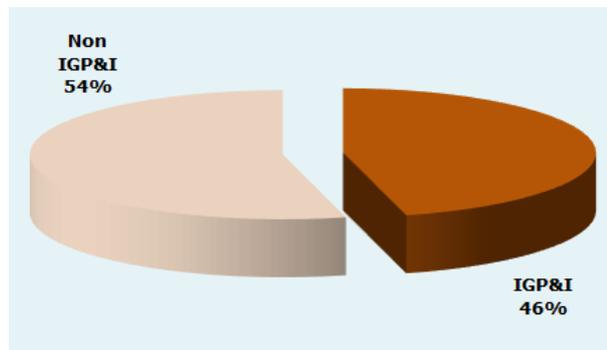
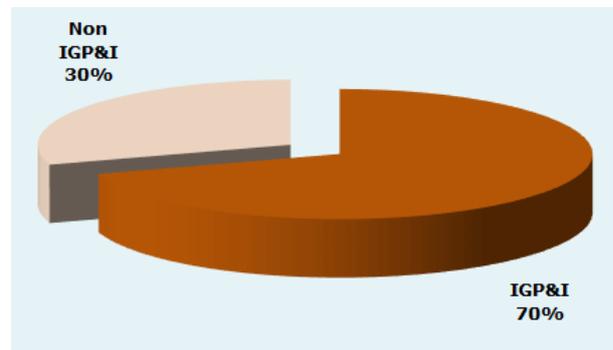
MEDIUM SIZED SHIPS

Table 75 - P&I status : total number of medium sized⁽¹⁾ ships, by type

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	3,537	20.9%	8,133	41.0%	11,670	31.8%
Specialized Cargo Ships	96	0.6%	105	0.5%	201	0.5%
Container Ships	1,653	9.8%	603	3.0%	2,256	6.1%
Ro-Ro Cargo Ships	276	1.6%	380	1.9%	656	1.8%
Bulk Carriers	2,342	13.9%	1,172	5.9%	3,514	9.6%
Oil and Chemical Tankers	3,660	21.7%	2,780	14.0%	6,440	17.5%
Gas Tankers	680	4.0%	354	1.8%	1,034	2.8%
Other Tankers	186	1.1%	289	1.5%	475	1.3%
Passenger Ships	790	4.7%	1,686	8.5%	2,476	6.7%
Offshore Vessels	2,685	15.9%	2,162	10.9%	4,847	13.2%
Service Ships	621	3.7%	1,638	8.3%	2,259	6.2%
Tugs	364	2.2%	536	2.7%	900	2.5%
Total	16,890	100%	19,838	100%	36,728	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Table 76 - P&I status : gross tonnage (in 1000 t) of medium sized⁽¹⁾ ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	26,701	18.0%	23,053	36.4%	49,754	23.5%
Specialized Cargo Ships	1,011	0.7%	520	0.8%	1,531	0.7%
Container Ships	22,017	14.9%	4,490	7.1%	26,507	12.5%
Ro-Ro Cargo Ships	3,863	2.6%	2,437	3.9%	6,300	3.0%
Bulk Carriers	41,257	27.9%	9,940	15.7%	51,197	24.2%
Oil and Chemical Tankers	30,889	20.9%	7,817	12.4%	38,706	18.3%
Gas Tankers	5,191	3.5%	795	1.3%	5,986	2.8%
Other Tankers	725	0.5%	377	0.6%	1,102	0.5%
Passenger Ships	5,067	3.4%	5,540	8.8%	10,607	5.0%
Offshore Vessels	7,848	5.3%	3,682	5.8%	11,530	5.5%
Service Ships	3,052	2.1%	4,129	6.5%	7,181	3.4%
Tugs	381	0.3%	511	0.8%	892	0.4%
Total	148,002	100%	63,291	100%	211,293	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Graph 71 - Number of medium sized ships, by P&I status****Graph 72 - Gross tonnage of medium sized ships, by P&I status**

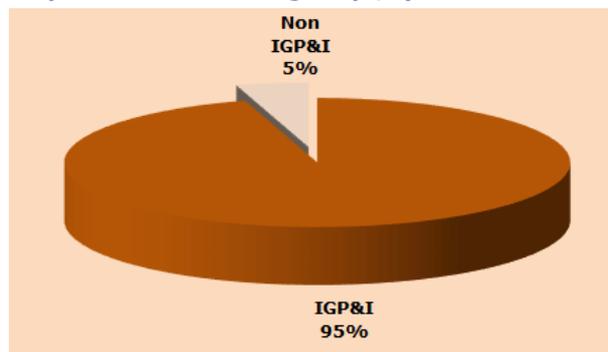
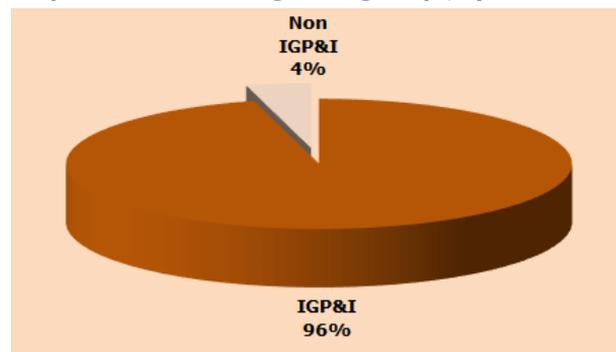
LARGE SHIPS

Table 77 - P&I status : total number of large⁽¹⁾ ships, by type

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	199	2.0%	2	0.4%	201	1.9%
Specialized Cargo Ships	52	0.5%			52	0.5%
Container Ships	1,551	15.8%	33	6.9%	1,584	15.4%
Ro-Ro Cargo Ships	595	6.0%	10	2.1%	605	5.9%
Bulk Carriers	4,657	47.3%	324	68.1%	4,981	48.3%
Oil and Chemical Tankers	2,248	22.8%	53	11.1%	2,301	22.3%
Gas Tankers	194	2.0%	3	0.6%	197	1.9%
Other Tankers	5	0.1%			5	0.0%
Passenger Ships	254	2.6%	19	4.0%	273	2.6%
Offshore Vessels	66	0.7%	28	5.9%	94	0.9%
Service Ships	20	0.2%	4	0.8%	24	0.2%
Tugs						
Total	9,841	100%	476	100%	10,317	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Table 78 - 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	6,483	1.7%	57	0.4%	6,540	1.7%
Specialized Cargo Ships	1,915	0.5%			1,915	0.5%
Container Ships	60,121	16.1%	1,250	7.7%	61,371	15.7%
Ro-Ro Cargo Ships	28,059	7.5%	417	2.6%	28,476	7.3%
Bulk Carriers	172,016	46.0%	10,533	65.2%	182,549	46.8%
Oil and Chemical Tankers	83,747	22.4%	1,813	11.2%	85,560	21.9%
Gas Tankers	8,586	2.3%	131	0.8%	8,717	2.2%
Other Tankers	162	0.0%	66	0.4%	228	0.1%
Passenger Ships	9,173	2.5%	578	3.6%	9,751	2.5%
Offshore Vessels	3,063	0.8%	1,169	7.2%	4,232	1.1%
Service Ships	740	0.2%	147	0.9%	887	0.2%
Tugs						
Total	374,065	100%	16,161	100%	390,226	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Graph 73 - Number of large ships, by P&I status****Graph 74 - Gross tonnage of large ships, by P&I status**

VERY LARGE SHIPS

Table 79 - 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	2	0.0%			2	0.0%
Container Ships	1,033	21.8%	5	4.4%	1,038	21.4%
Ro-Ro Cargo Ships	157	3.3%	4	3.5%	161	3.3%
Bulk Carriers	1,535	32.4%	9	8.0%	1,544	31.8%
Oil and Chemical Tankers	1,423	30.0%	60	53.1%	1,483	30.5%
Gas Tankers	345	7.3%	1	0.9%	346	7.1%
Other Tankers						
Passenger Ships	146	3.1%			146	3.0%
Offshore Vessels	98	2.1%	34	30.1%	132	2.7%
Service Ships	5	0.1%			5	0.1%
Tugs						
Total	4,744	100%	113	100%	4,857	100%

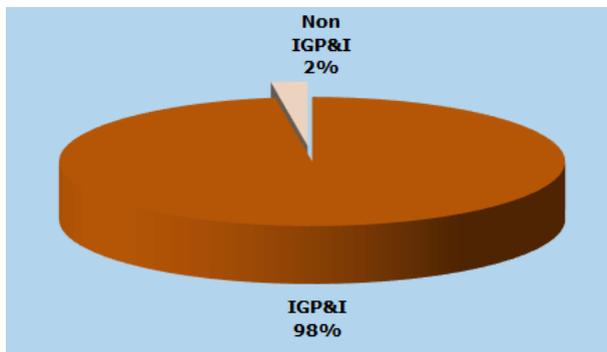
Source: Equasis - ⁽¹⁾GT≥60,000

Table 80 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type

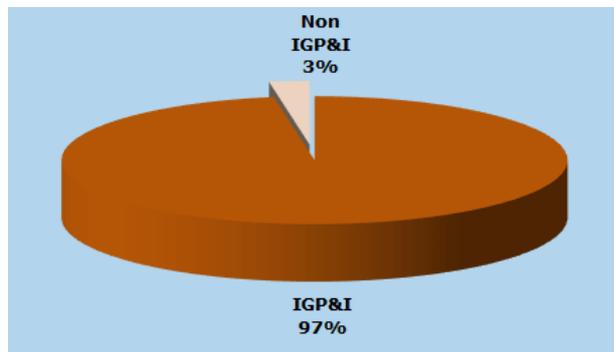
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships	153	0.0%			153	0.0%
Container Ships	96,670	20.5%	373	3.0%	97,043	20.0%
Ro-Ro Cargo Ships	10,109	2.1%	284	2.3%	10,393	2.1%
Bulk Carriers	149,367	31.6%	659	5.3%	150,026	31.0%
Oil and Chemical Tankers	153,694	32.5%	8,288	66.4%	161,982	33.4%
Gas Tankers	37,154	7.9%	94	0.8%	37,248	7.7%
Other Tankers						
Passenger Ships	14,161	3.0%			14,161	2.9%
Offshore Vessels	10,391	2.2%	2,782	22.3%	13,173	2.7%
Service Ships	510	0.1%			510	0.1%
Tugs						
Total	472,209	100%	12,480	100%	484,689	100%

Source: Equasis - ⁽¹⁾GT≥60,000

Graph 75 - Number of very large ships, by P&I status



Graph 76 - Gross tonnage of very large ships, by P&I status



4.2. IGP&I AND AGE

WORLD FLEET GT≥500

Table 81 - 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	1,020	9.2%	1,307	10.6%	981	18.3%	428	15.9%	3,736	11.9%
Specialized Cargo Ships	44	0.4%	27	0.2%	30	0.6%	49	1.8%	150	0.5%
Container Ships	1,085	9.8%	2,261	18.3%	820	15.3%	71	2.6%	4,237	13.5%
Ro-Ro Cargo Ships	300	2.7%	431	3.5%	167	3.1%	130	4.8%	1,028	3.3%
Bulk Carriers	4,409	39.9%	2,446	19.8%	1,323	24.7%	356	13.2%	8,534	27.1%
Oil and Chemical Tankers	2,363	21.4%	3,666	29.6%	1,028	19.2%	274	10.2%	7,331	23.3%
Gas Tankers	324	2.9%	516	4.2%	278	5.2%	101	3.7%	1,219	3.9%
Other Tankers	83	0.8%	55	0.4%	25	0.5%	28	1.0%	191	0.6%
Passenger Ships	124	1.1%	387	3.1%	334	6.2%	345	12.8%	1,190	3.8%
Offshore Vessels	1,083	9.8%	1,034	8.4%	199	3.7%	533	19.8%	2,849	9.1%
Service Ships	112	1.0%	141	1.1%	127	2.4%	266	9.9%	646	2.1%
Tugs	102	0.9%	111	0.9%	35	0.7%	116	4.3%	364	1.2%
Total	11,049	100%	12,382	100%	5,347	100%	2,697	100%	31,475	100%

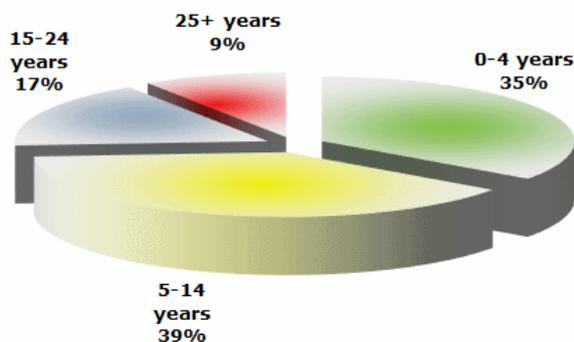
Source: Equasis

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

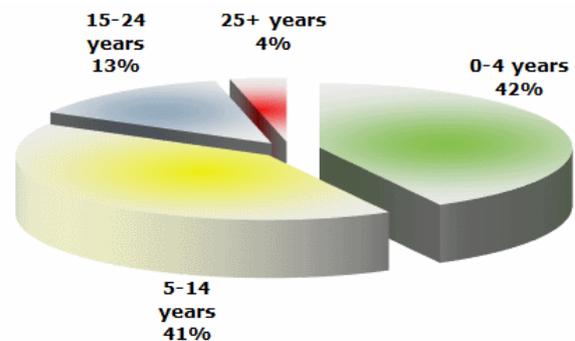
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	11,930	2.8%	10,604	2.6%	7,604	5.7%	3,048	8.6%	33,185	3.3%
Specialized Cargo Ships	803	0.2%	411	0.1%	648	0.5%	1,217	3.4%	3,079	0.3%
Container Ships	67,602	16.0%	88,745	22.0%	20,634	15.5%	1,827	5.2%	178,808	18.0%
Ro-Ro Cargo Ships	14,278	3.4%	18,914	4.7%	5,074	3.8%	3,765	10.7%	42,031	4.2%
Bulk Carriers	200,827	47.5%	99,159	24.6%	54,516	41.0%	8,138	23.0%	362,640	36.5%
Oil and Chemical Tankers	99,721	23.6%	139,977	34.7%	26,463	19.9%	2,169	6.1%	268,329	27.0%
Gas Tankers	14,471	3.4%	25,852	6.4%	7,015	5.3%	3,593	10.2%	50,931	5.1%
Other Tankers	426	0.1%	303	0.1%	112	0.1%	46	0.1%	888	0.1%
Passenger Ships	5,303	1.3%	13,070	3.2%	6,752	5.1%	3,277	9.3%	28,401	2.9%
Offshore Vessels	6,304	1.5%	5,122	1.3%	3,006	2.3%	6,870	19.5%	21,302	2.1%
Service Ships	859	0.2%	1,055	0.3%	1,136	0.9%	1,251	3.5%	4,302	0.4%
Tugs	112	0.0%	124	0.0%	33	0.0%	112	0.3%	381	0.0%
Total	422,638	100%	403,334	100%	132,993	100%	35,313	100%	994,277	100%

Source: Equasis

Graph 77 - IGP&I world fleet GT≥500, by age



Graph 78 - Gross tonnage of IGP&I world fleet GT≥500, by age



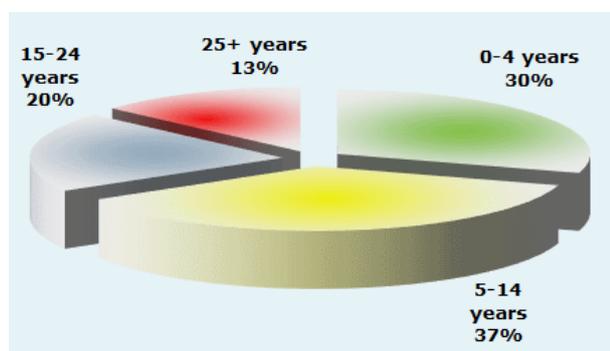
MEDIUM SIZED SHIPS

Table 83 - IGP&I : total number of medium sized⁽¹⁾ ships, by type and age

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	957	19.0%	1,263	20.4%	924	27.1%	393	17.4%	3,537	20.9%
Specialized Cargo Ships	34	0.7%	24	0.4%	17	0.5%	21	0.9%	96	0.6%
Container Ships	249	5.0%	847	13.7%	521	15.3%	36	1.6%	1,653	9.8%
Ro-Ro Cargo Ships	29	0.6%	101	1.6%	86	2.5%	60	2.7%	276	1.6%
Bulk Carriers	1,145	22.8%	540	8.7%	397	11.7%	260	11.5%	2,342	13.9%
Oil and Chemical Tankers	1,040	20.7%	1,687	27.2%	680	20.0%	253	11.2%	3,660	21.7%
Gas Tankers	189	3.8%	233	3.8%	199	5.8%	59	2.6%	680	4.0%
Other Tankers	82	1.6%	52	0.8%	24	0.7%	28	1.2%	186	1.1%
Passenger Ships	60	1.2%	196	3.2%	231	6.8%	303	13.4%	790	4.7%
Offshore Vessels	1,035	20.6%	1,007	16.2%	170	5.0%	473	20.9%	2,685	15.9%
Service Ships	105	2.1%	138	2.2%	121	3.6%	257	11.4%	621	3.7%
Tugs	102	2.0%	111	1.8%	35	1.0%	116	5.1%	364	2.2%
Total	5,027	100%	6,199	100%	3,405	100%	2,259	100%	16,890	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	9,588	18.8%	9,194	16.8%	5,837	20.1%	2,083	15.8%	26,702	18.0%
Specialized Cargo Ships	359	0.7%	291	0.5%	110	0.4%	250	1.9%	1,011	0.7%
Container Ships	3,480	6.8%	11,060	20.2%	6,941	24.0%	536	4.1%	22,017	14.9%
Ro-Ro Cargo Ships	533	1.0%	1,635	3.0%	988	3.4%	707	5.4%	3,863	2.6%
Bulk Carriers	21,902	42.9%	9,062	16.5%	6,236	21.5%	4,058	30.8%	41,258	27.9%
Oil and Chemical Tankers	8,431	16.5%	16,485	30.1%	4,571	15.8%	1,402	10.6%	30,889	20.9%
Gas Tankers	1,757	3.4%	1,800	3.3%	1,342	4.6%	292	2.2%	5,191	3.5%
Other Tankers	392	0.8%	204	0.4%	84	0.3%	46	0.3%	725	0.5%
Passenger Ships	295	0.6%	1,264	2.3%	1,724	6.0%	1,784	13.5%	5,067	3.4%
Offshore Vessels	3,660	7.2%	2,697	4.9%	453	1.6%	1,039	7.9%	7,849	5.3%
Service Ships	600	1.2%	942	1.7%	651	2.2%	858	6.5%	3,052	2.1%
Tugs	112	0.2%	124	0.2%	33	0.1%	112	0.9%	381	0.3%
Total	51,109	100%	54,758	100%	28,971	100%	13,167	100%	148,005	100%

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

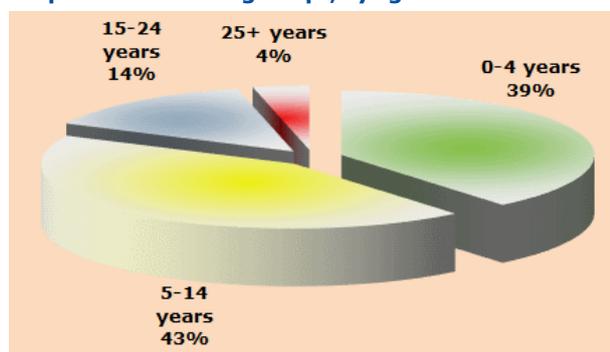
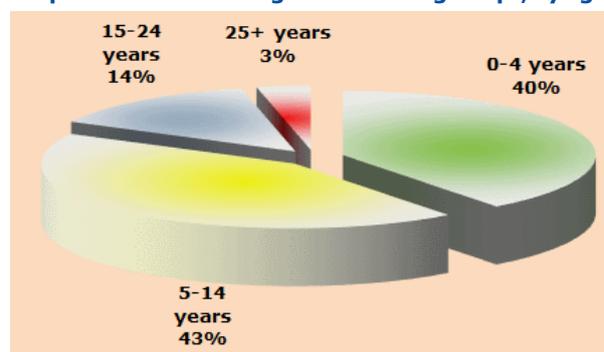
LARGE SHIPS

Table 85 - 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	63	1.6%	44	1.0%	57	4.0%	35	9.9%	199	2.0%
Specialized Cargo Ships	8	0.2%	3	0.1%	13	0.9%	28	8.0%	52	0.5%
Container Ships	406	10.5%	871	20.6%	239	16.9%	35	9.9%	1,551	15.8%
Ro-Ro Cargo Ships	204	5.3%	249	5.9%	73	5.2%	69	19.6%	595	6.0%
Bulk Carriers	2,383	61.9%	1,520	36.0%	666	47.1%	88	25.0%	4,657	47.3%
Oil and Chemical Tankers	685	17.8%	1,307	30.9%	237	16.8%	19	5.4%	2,248	22.8%
Gas Tankers	42	1.1%	99	2.3%	41	2.9%	12	3.4%	194	2.0%
Other Tankers	1	0.0%	3	0.1%	1	0.1%			5	0.1%
Passenger Ships	29	0.8%	113	2.7%	71	5.0%	41	11.6%	254	2.6%
Offshore Vessels	24	0.6%	12	0.3%	12	0.8%	18	5.1%	66	0.7%
Service Ships	7	0.2%	3	0.1%	3	0.2%	7	2.0%	20	0.2%
Tugs										
Total	3,852	100%	4,224	100%	1,413	100%	352	100%	9,841	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Table 86 - 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	2,342	1.6%	1,410	0.9%	1,767	3.4%	965	7.5%	6,483	1.7%
Specialized Cargo Ships	291	0.2%	120	0.1%	537	1.0%	967	7.5%	1,915	0.5%
Container Ships	16,717	11.2%	32,718	20.5%	9,395	17.9%	1,291	10.0%	60,121	16.1%
Ro-Ro Cargo Ships	9,419	6.3%	12,115	7.6%	3,534	6.7%	2,991	23.2%	28,059	7.5%
Bulk Carriers	91,694	61.6%	54,638	34.2%	22,630	43.1%	3,053	23.7%	172,015	46.0%
Oil and Chemical Tankers	24,066	16.2%	49,517	31.0%	9,526	18.1%	638	4.9%	83,747	22.4%
Gas Tankers	1,939	1.3%	4,340	2.7%	1,747	3.3%	560	4.3%	8,586	2.3%
Other Tankers	34	0.0%	99	0.1%	29	0.1%			162	0.0%
Passenger Ships	1,033	0.7%	4,099	2.6%	2,621	5.0%	1,419	11.0%	9,173	2.5%
Offshore Vessels	1,097	0.7%	581	0.4%	612	1.2%	773	6.0%	3,063	0.8%
Service Ships	259	0.2%	113	0.1%	117	0.2%	251	1.9%	740	0.2%
Tugs										
Total	148,893	100%	159,748	100%	52,514	100%	12,910	100%	374,064	100%

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

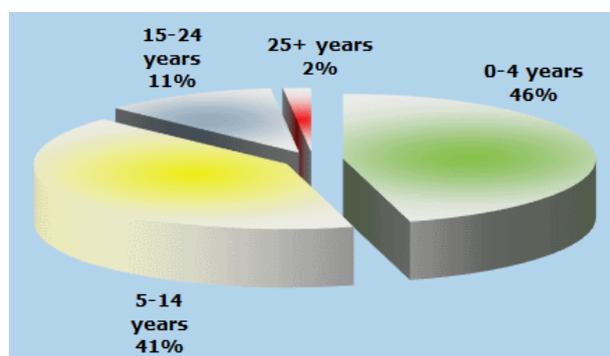
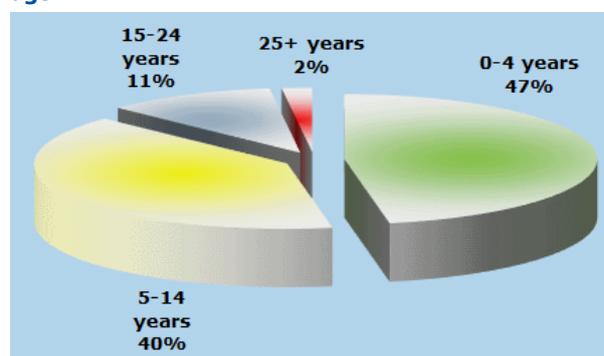
VERY LARGE SHIPS

Table 87 - 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	2	0.1%							2	0.0%
Container Ships	430	19.8%	543	27.7%	60	11.3%			1,033	21.8%
Ro-Ro Cargo Ships	67	3.1%	81	4.1%	8	1.5%	1	1.2%	157	3.3%
Bulk Carriers	881	40.6%	386	19.7%	260	49.1%	8	9.3%	1,535	32.4%
Oil and Chemical Tankers	638	29.4%	672	34.3%	111	21.0%	2	2.3%	1,423	30.0%
Gas Tankers	93	4.3%	184	9.4%	38	7.2%	30	34.9%	345	7.3%
Other Tankers										
Passenger Ships	35	1.6%	78	4.0%	32	6.0%	1	1.2%	146	3.1%
Offshore Vessels	24	1.1%	15	0.8%	17	3.2%	42	48.8%	98	2.1%
Service Ships					3	0.6%	2	2.3%	5	0.1%
Tugs										
Total	2,170	100%	1,959	100%	529	100%	86	100%	4,744	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Table 88 - 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	153	0.1%							153	0.0%
Container Ships	47,404	21.3%	44,967	23.8%	4,298	8.3%			96,670	20.5%
Ro-Ro Cargo Ships	4,326	1.9%	5,164	2.7%	552	1.1%	67	0.7%	10,109	2.1%
Bulk Carriers	87,231	39.2%	35,459	18.8%	25,650	49.8%	1,027	11.1%	149,367	31.6%
Oil and Chemical Tankers	67,224	30.2%	73,975	39.2%	12,366	24.0%	129	1.4%	153,694	32.5%
Gas Tankers	10,776	4.8%	19,712	10.4%	3,925	7.6%	2,741	29.7%	37,154	7.9%
Other Tankers										
Passenger Ships	3,974	1.8%	7,707	4.1%	2,406	4.7%	74	0.8%	14,161	3.0%
Offshore Vessels	1,547	0.7%	1,844	1.0%	1,941	3.8%	5,058	54.8%	10,391	2.2%
Service Ships					368	0.7%	142	1.5%	510	0.1%
Tugs										
Total	222,636	100%	188,828	100%	51,508	100%	9,236	100%	472,208	100%

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

4.3. NON IGP&I AND AGE

WHOLE FLEET GT≥500

Table 89 - 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	844	28.5%	1,365	39.1%	1,676	41.7%	4,250	42.7%	8,135	39.8%
Specialized Cargo Ships	12	0.4%	4	0.1%	6	0.1%	83	0.8%	105	0.5%
Container Ships	75	2.5%	222	6.4%	269	6.7%	75	0.8%	641	3.1%
Ro-Ro Cargo Ships	24	0.8%	72	2.1%	78	1.9%	219	2.2%	393	1.9%
Bulk Carriers	354	12.0%	218	6.3%	336	8.4%	597	6.0%	1,505	7.4%
Oil and Chemical Tankers	384	13.0%	452	13.0%	651	16.2%	1,406	14.1%	2,893	14.2%
Gas Tankers	48	1.6%	44	1.3%	117	2.9%	149	1.5%	358	1.8%
Other Tankers	36	1.2%	20	0.6%	57	1.4%	176	1.8%	289	1.4%
Passenger Ships	181	6.1%	339	9.7%	427	10.6%	758	7.6%	1,705	8.3%
Offshore Vessels	689	23.3%	434	12.4%	97	2.4%	1,004	10.1%	2,224	10.9%
Service Ships	214	7.2%	257	7.4%	253	6.3%	918	9.2%	1,642	8.0%
Tugs	96	3.2%	61	1.7%	50	1.2%	329	3.3%	536	2.6%
Total	2,957	100%	3,488	100%	4,017	100%	9,964	100%	20,426	100%

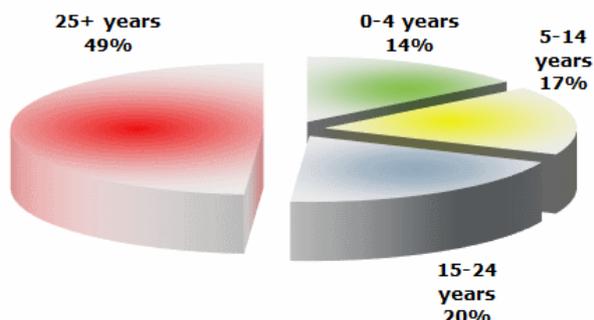
Source: Equasis

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

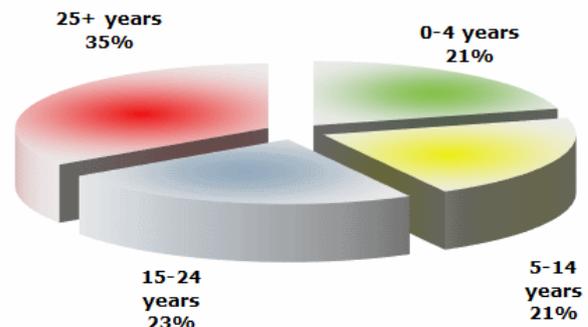
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2,766	14.6%	4,267	22.0%	5,393	25.1%	10,684	33.5%	23,110	25.2%
Specialized Cargo Ships	118	0.6%	39	0.2%	20	0.1%	343	1.1%	520	0.6%
Container Ships	749	3.9%	2,516	13.0%	2,413	11.2%	436	1.4%	6,113	6.7%
Ro-Ro Cargo Ships	386	2.0%	866	4.5%	486	2.3%	1,399	4.4%	3,137	3.4%
Bulk Carriers	5,915	31.2%	2,121	10.9%	5,325	24.7%	7,771	24.3%	21,132	23.0%
Oil and Chemical Tankers	4,009	21.1%	6,041	31.1%	4,132	19.2%	3,737	11.7%	17,918	19.5%
Gas Tankers	153	0.8%	209	1.1%	355	1.7%	302	0.9%	1,019	1.1%
Other Tankers	60	0.3%	33	0.2%	81	0.4%	202	0.6%	377	0.4%
Passenger Ships	747	3.9%	1,141	5.9%	1,724	8.0%	2,506	7.8%	6,117	6.7%
Offshore Vessels	3,037	16.0%	1,380	7.1%	913	4.2%	2,303	7.2%	7,632	8.3%
Service Ships	938	4.9%	740	3.8%	637	3.0%	1,961	6.1%	4,276	4.7%
Tugs	100	0.5%	73	0.4%	51	0.2%	287	0.9%	511	0.6%
Total	18,979	100%	19,425	100%	21,529	100%	31,930	100%	91,863	100%

Source: Equasis

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



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



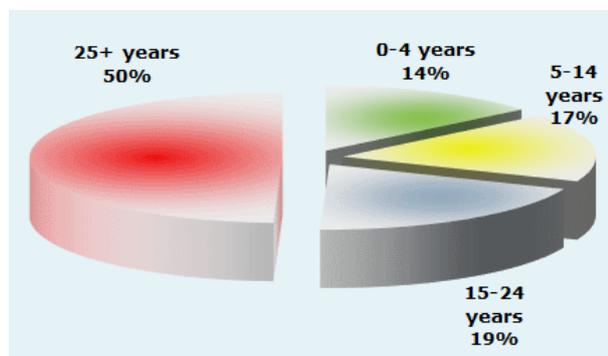
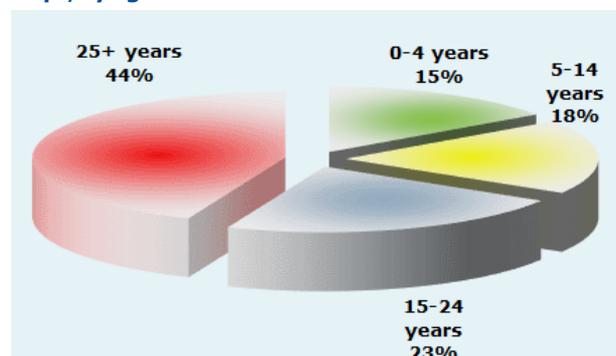
MEDIUM SIZED SHIPS

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	844	30.5%	1,365	40.5%	1,675	43.5%	4,249	43.1%	8,133	41.0%
Specialized Cargo Ships	12	0.4%	4	0.1%	6	0.2%	83	0.8%	105	0.5%
Container Ships	72	2.6%	201	6.0%	255	6.6%	75	0.8%	603	3.0%
Ro-Ro Cargo Ships	21	0.8%	67	2.0%	77	2.0%	214	2.2%	379	1.9%
Bulk Carriers	222	8.0%	188	5.6%	234	6.1%	528	5.4%	1,172	5.9%
Oil and Chemical Tankers	366	13.2%	406	12.1%	614	16.0%	1,394	14.1%	2,780	14.0%
Gas Tankers	48	1.7%	42	1.2%	116	3.0%	148	1.5%	354	1.8%
Other Tankers	36	1.3%	20	0.6%	57	1.5%	176	1.8%	289	1.5%
Passenger Ships	177	6.4%	336	10.0%	422	11.0%	751	7.6%	1,686	8.5%
Offshore Vessels	663	24.0%	422	12.5%	88	2.3%	989	10.0%	2,162	10.9%
Service Ships	211	7.6%	257	7.6%	253	6.6%	917	9.3%	1,638	8.3%
Tugs	96	3.5%	61	1.8%	50	1.3%	329	3.3%	536	2.7%
Total	2,768	100%	3,369	100%	3,847	100%	9,853	100%	19,837	100%

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2,766	28.6%	4,267	36.6%	5,365	37.6%	10,655	38.5%	23,053	36.4%
Specialized Cargo Ships	118	1.2%	39	0.3%	20	0.1%	343	1.2%	520	0.8%
Container Ships	546	5.6%	1,627	14.0%	1,881	13.2%	436	1.6%	4,490	7.1%
Ro-Ro Cargo Ships	169	1.7%	621	5.3%	460	3.2%	1,187	4.3%	2,437	3.9%
Bulk Carriers	1,627	16.8%	1,031	8.9%	1,762	12.4%	5,520	19.9%	9,940	15.7%
Oil and Chemical Tankers	1,291	13.3%	1,305	11.2%	1,920	13.5%	3,301	11.9%	7,817	12.4%
Gas Tankers	153	1.6%	71	0.6%	313	2.2%	258	0.9%	795	1.3%
Other Tankers	60	0.6%	33	0.3%	81	0.6%	202	0.7%	377	0.6%
Passenger Ships	610	6.3%	1,062	9.1%	1,585	11.1%	2,283	8.2%	5,539	8.8%
Offshore Vessels	1,418	14.7%	780	6.7%	184	1.3%	1,300	4.7%	3,682	5.8%
Service Ships	821	8.5%	740	6.4%	637	4.5%	1,931	7.0%	4,129	6.5%
Tugs	100	1.0%	73	0.6%	51	0.4%	287	1.0%	511	0.8%
Total	9,679	100%	11,649	100%	14,258	100%	27,703	100%	63,288	100%

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

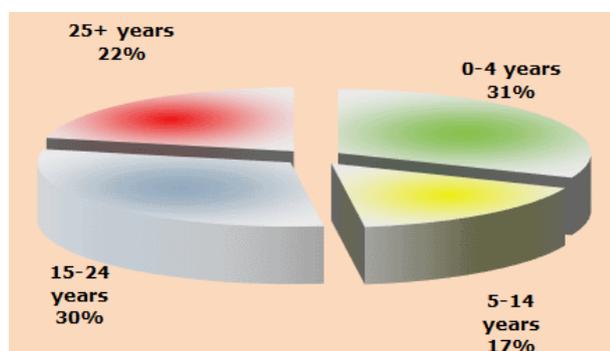
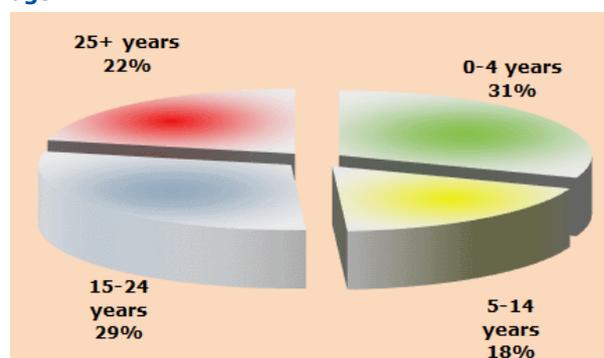
LARGE SHIPS

Table 93 - 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					1	0.7%	1	1.0%	2	0.4%
Specialized Cargo Ships										
Container Ships	1	0.7%	18	22.8%	14	9.7%			33	6.9%
Ro-Ro Cargo Ships			5	6.3%	1	0.7%	4	3.9%	10	2.1%
Bulk Carriers	131	87.9%	30	38.0%	94	64.8%	69	67.0%	324	68.1%
Oil and Chemical Tankers			15	19.0%	26	17.9%	12	11.7%	53	11.1%
Gas Tankers			1	1.3%	1	0.7%	1	1.0%	3	0.6%
Other Tankers										
Passenger Ships	4	2.7%	3	3.8%	5	3.4%	7	6.8%	19	4.0%
Offshore Vessels	10	6.7%	7	8.9%	3	2.1%	8	7.8%	28	5.9%
Service Ships	3	2.0%					1	1.0%	4	0.8%
Tugs										
Total	149	100%	79	100%	145	100%	103	100%	476	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Table 94 - 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					28	0.6%	29	0.8%	57	0.4%
Specialized Cargo Ships										
Container Ships	55	1.1%	663	22.4%	532	11.3%			1,250	7.8%
Ro-Ro Cargo Ships			245	8.3%	26	0.5%	146	4.2%	417	2.6%
Bulk Carriers	4,196	85.2%	1,090	36.7%	2,996	63.6%	2,251	64.6%	10,533	65.4%
Oil and Chemical Tankers			558	18.8%	819	17.4%	436	12.5%	1,813	11.3%
Gas Tankers			44	1.5%	43	0.9%	44	1.3%	131	0.8%
Other Tankers										
Passenger Ships	137	2.8%	79	2.7%	139	3.0%	223	6.4%	578	3.6%
Offshore Vessels	422	8.6%	288	9.7%	131	2.8%	327	9.4%	1,169	7.3%
Service Ships	117	2.4%					30	0.9%	147	0.9%
Tugs										
Total	4,927	100%	2,968	100%	4,715	100%	3,485	100%	16,094	100%

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

VERY LARGE SHIPS

Table 95 - 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	2	5.0%	3	7.5%					5	4.4%	
Ro-Ro Cargo Ships	3	7.5%						1	12.5%	4	3.5%
Bulk Carriers	1	2.5%				8	32.0%			9	8.0%
Oil and Chemical Tankers	18	45.0%	31	77.5%	11	44.0%			60	53.1%	
Gas Tankers			1	2.5%					1	0.9%	
Other Tankers											
Passenger Ships											
Offshore Vessels	16	40.0%	5	12.5%	6	24.0%		7	87.5%	34	30.1%
Service Ships											
Tugs											
Total	40	100%	40	100%	25	100%	8	100%	113	100%	

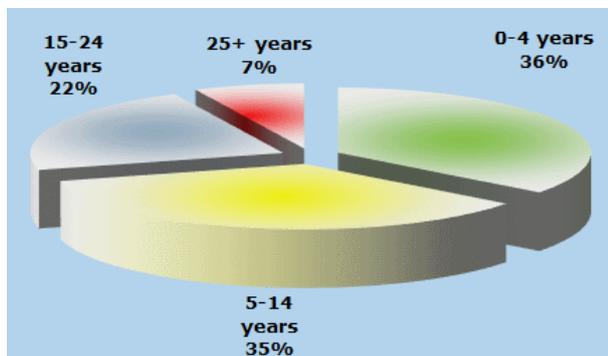
Source: Equasis - ⁽¹⁾GT≥60.000

Table 96 - Non IGP&I : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age

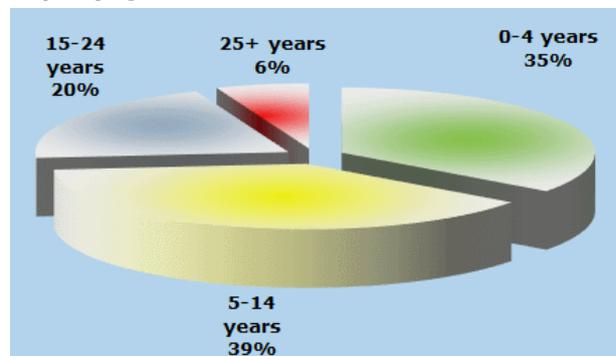
Ship Type	0-4		5-14		15-24		25+		Total		
General Cargo Ships											
Specialized Cargo Ships											
Container Ships	148	3.4%	225	4.7%					373	3.0%	
Ro-Ro Cargo Ships	217	5.0%						67	9.0%	284	2.3%
Bulk Carriers	93	2.1%				567	22.2%			659	5.3%
Oil and Chemical Tankers	2,718	62.2%	4,178	86.9%	1,392	54.5%			8,288	66.4%	
Gas Tankers			94	2.0%					94	0.8%	
Other Tankers											
Passenger Ships											
Offshore Vessels	1,197	27.4%	312	6.5%	597	23.4%		676	91.0%	2,782	22.3%
Service Ships											
Tugs											
Total	4,373	100%	4,808	100%	2,556	100%	742	100%	12,480	100%	

Source: Equasis - ⁽¹⁾GT≥60.000

Graph 91 - Non IGP&I very large ships, by age



Graph 92 - Gross tonnage of non IGP&I very large ships, by age



4.4. P&I AND FLAG

WORLD FLEET GT≥500

Table 97 - P&I world fleet GT≥500 status : total number of ships, by type and flag- 2013

Ship Type	Targeted flag			Non Targeted flag						
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total				
General Cargo Ships	1,635	16.0%	4,662	52.5%	6,297	2,101	9.9%	3,473	30.1%	5,574
Specialized Cargo Ships	46	0.5%	57	0.6%	103	104	0.5%	48	0.4%	152
Container Ships	1,288	12.6%	342	3.8%	1,630	2,949	13.9%	299	2.6%	3,248
Ro-Ro Cargo Ships	370	3.6%	186	2.1%	556	658	3.1%	208	1.8%	866
Bulk Carriers	3,597	35.3%	569	6.4%	4,166	4,937	23.2%	936	8.1%	5,873
Oil and Chemical Tankers	1,937	19.0%	1,094	12.3%	3,031	5,394	25.3%	1,799	15.6%	7,193
Gas Tankers	335	3.3%	127	1.4%	462	884	4.2%	231	2.0%	1,115
Other Tankers	39	0.4%	108	1.2%	147	152	0.7%	181	1.6%	333
Passenger Ships	178	1.7%	548	6.2%	726	1,012	4.8%	1,157	10.0%	2,169
Offshore Vessels	576	5.7%	788	8.9%	1,364	2,273	10.7%	1,436	12.4%	3,709
Service Ships	130	1.3%	315	3.5%	445	516	2.4%	1,327	11.5%	1,843
Tugs	59	0.6%	88	1.0%	147	305	1.4%	448	3.9%	753
Total	10,190	100%	8,884	100%	19,074	21,285	100%	11,543	100%	32,828

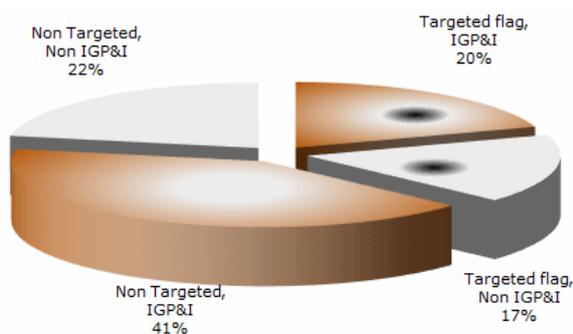
Source: Equasis

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

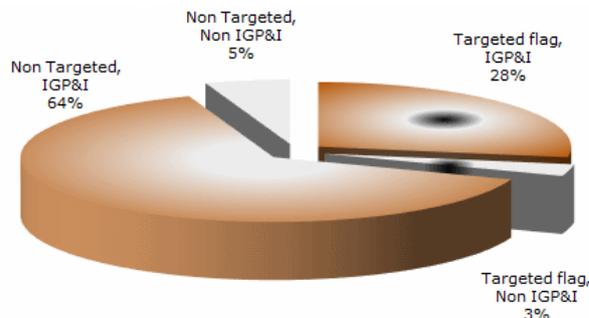
Ship Type	Targeted flag			Non Targeted flag						
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total				
General Cargo Ships	12,512	4.2%	12,716	39.0%	25,229	20,671	3.0%	10,394	17.5%	31,066
Specialized Cargo Ships	797	0.3%	206	0.6%	1,003	2,282	0.3%	315	0.5%	2,597
Container Ships	49,066	16.4%	2,397	7.4%	51,463	129,743	18.7%	3,715	6.3%	133,458
Ro-Ro Cargo Ships	16,118	5.4%	1,576	4.8%	17,694	25,913	3.7%	1,561	2.6%	27,475
Bulk Carriers	143,272	47.8%	6,188	19.0%	149,460	219,368	31.6%	14,945	25.2%	234,313
Oil and Chemical Tankers	57,299	19.1%	4,247	13.0%	61,546	211,031	30.4%	13,672	23.1%	224,703
Gas Tankers	8,920	3.0%	579	1.8%	9,498	42,011	6.0%	441	0.7%	42,452
Other Tankers	122	0.0%	152	0.5%	274	765	0.1%	224	0.4%	989
Passenger Ships	6,122	2.0%	1,947	6.0%	8,070	22,279	3.2%	4,170	7.0%	26,450
Offshore Vessels	4,395	1.5%	1,858	5.7%	6,253	16,907	2.4%	5,774	9.7%	22,681
Service Ships	1,020	0.3%	643	2.0%	1,663	3,282	0.5%	3,633	6.1%	6,915
Tugs	66	0.0%	75	0.2%	140	316	0.0%	436	0.7%	752
Total	299,708	100%	32,585	100%	332,293	694,569	100%	59,281	100%	753,851

Source: Equasis

Graph 93 - Total number of ships GT≥500, by P&I status and flag



Graph 94 - Gross tonnage of ships GT≥500, by P&I status and flag



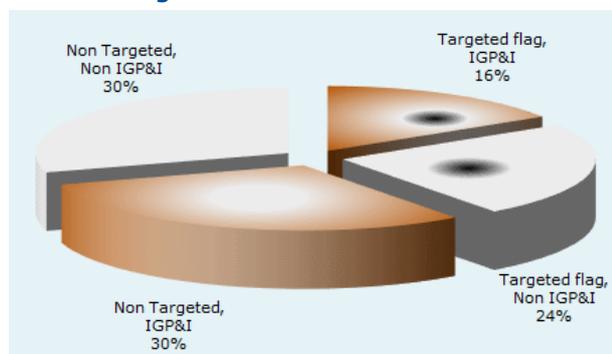
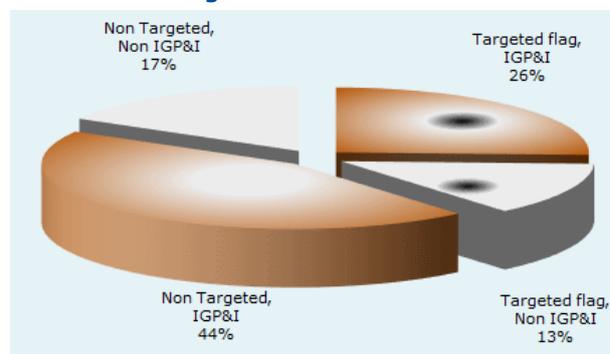
MEDIUM SIZED SHIPS

Table 99 - P&I status : total number of medium sized⁽¹⁾ ships, by type and flag- 2013

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	1,606	27.5%	4,661	53.1%	6,267	1,931	17.5%	3,472	31.4%	5,403
Specialized Cargo Ships	31	0.5%	57	0.6%	88	65	0.6%	48	0.4%	113
Container Ships	628	10.8%	340	3.9%	968	1,025	9.3%	263	2.4%	1,288
Ro-Ro Cargo Ships	75	1.3%	177	2.0%	252	201	1.8%	203	1.8%	404
Bulk Carriers	1,182	20.2%	528	6.0%	1,710	1,160	10.5%	644	5.8%	1,804
Oil and Chemical Tankers	1,227	21.0%	1,065	12.1%	2,292	2,433	22.0%	1,715	15.5%	4,148
Gas Tankers	230	3.9%	123	1.4%	353	450	4.1%	231	2.1%	681
Other Tankers	39	0.7%	108	1.2%	147	147	1.3%	181	1.6%	328
Passenger Ships	105	1.8%	539	6.1%	644	685	6.2%	1,147	10.4%	1,832
Offshore Vessels	534	9.1%	777	8.9%	1,311	2,151	19.5%	1,385	12.5%	3,536
Service Ships	122	2.1%	314	3.6%	436	499	4.5%	1,324	12.0%	1,823
Tugs	59	1.0%	88	1.0%	147	305	2.8%	448	4.1%	753
Total	5,838	100%	8,777	100%	14,615	11,052	100%	11,061	100%	22,113

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Table 100 - P&I status : gross tonnage (in 1000 t) of medium sized⁽¹⁾ ships, by type and flag- 2013**

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	11,589	21.4%	12,687	45.4%	24,276	15,112	16.1%	10,366	29.3%	25,478
Specialized Cargo Ships	265	0.5%	206	0.7%	471	746	0.8%	315	0.9%	1,060
Container Ships	7,918	14.6%	2,307	8.3%	10,225	14,099	15.0%	2,183	6.2%	16,282
Ro-Ro Cargo Ships	898	1.7%	1,086	3.9%	1,984	2,966	3.2%	1,351	3.8%	4,317
Bulk Carriers	19,532	36.1%	4,749	17.0%	24,281	21,725	23.1%	5,192	14.7%	26,917
Oil and Chemical Tankers	9,502	17.5%	2,787	10.0%	12,289	21,387	22.8%	5,031	14.2%	26,418
Gas Tankers	1,474	2.7%	354	1.3%	1,828	3,717	4.0%	441	1.2%	4,158
Other Tankers	122	0.2%	152	0.5%	274	603	0.6%	224	0.6%	827
Passenger Ships	774	1.4%	1,679	6.0%	2,453	4,294	4.6%	3,860	10.9%	8,154
Offshore Vessels	1,505	2.8%	1,247	4.5%	2,752	6,343	6.8%	2,435	6.9%	8,778
Service Ships	501	0.9%	613	2.2%	1,114	2,551	2.7%	3,516	9.9%	6,067
Tugs	66	0.1%	75	0.3%	140	316	0.3%	436	1.2%	752
Total	54,146	100%	27,942	100%	82,088	93,859	100%	35,350	100%	129,208

Source: Equasis - ⁽¹⁾ 500≤GT<25.000**Graph 95 - Total number of medium sized ships, by P&I status and flag****Graph 96 - Gross tonnage of medium sized ships, by P&I status and flag**

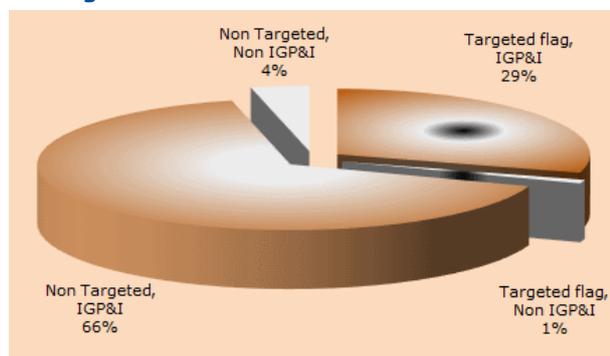
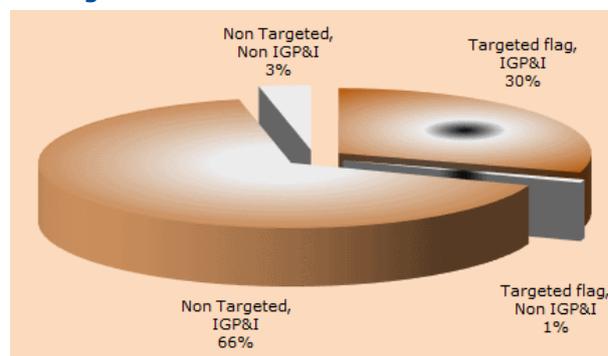
LARGE SHIPS

Table 101 - 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	29	1.0%	1	1.1%	30	170	2.5%	1	0.3%	171
Specialized Cargo Ships	15	0.5%			15	37	0.5%			37
Container Ships	371	12.2%	2	2.2%	373	1,180	17.4%	31	8.1%	1,211
Ro-Ro Cargo Ships	233	7.7%	6	6.5%	239	362	5.3%	4	1.0%	366
Bulk Carriers	1,812	59.5%	40	43.5%	1,852	2,845	41.9%	284	74.0%	3,129
Oil and Chemical Tankers	462	15.2%	23	25.0%	485	1,786	26.3%	30	7.8%	1,816
Gas Tankers	59	1.9%	3	3.3%	62	135	2.0%			135
Other Tankers						5	0.1%			5
Passenger Ships	32	1.1%	9	9.8%	41	222	3.3%	10	2.6%	232
Offshore Vessels	25	0.8%	7	7.6%	32	41	0.6%	21	5.5%	62
Service Ships	6	0.2%	1	1.1%	7	14	0.2%	3	0.8%	17
Tugs										
Total	3,044	100%	92	100%	3,136	6,797	100%	384	100%	7,181

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Table 102 - 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	923	0.8%	29	0.9%	953	5,559	2.2%	28	0.2%	5,588
Specialized Cargo Ships	532	0.5%			532	1,383	0.5%			1,383
Container Ships	14,341	12.3%	90	2.8%	14,431	45,781	17.7%	1,159	9.0%	46,940
Ro-Ro Cargo Ships	11,268	9.7%	273	8.5%	11,540	16,792	6.5%	144	1.1%	16,935
Bulk Carriers	66,811	57.5%	1,364	42.7%	68,175	105,205	40.8%	9,168	71.1%	114,373
Oil and Chemical Tankers	17,079	14.7%	693	21.7%	17,772	66,668	25.8%	1,120	8.7%	67,788
Gas Tankers	2,666	2.3%	131	4.1%	2,797	5,920	2.3%			5,920
Other Tankers						162	0.1%			162
Passenger Ships	1,219	1.0%	268	8.4%	1,488	7,954	3.1%	310	2.4%	8,263
Offshore Vessels	1,080	0.9%	314	9.8%	1,394	1,983	0.8%	854	6.6%	2,837
Service Ships	214	0.2%	30	0.9%	244	525	0.2%	117	0.9%	642
Tugs										
Total	116,133	100%	3,193	100%	119,327	257,932	100%	12,901	100%	270,833

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000**Graph 97 - Total number of large ships, by P&I status and flag****Graph 98 - Gross tonnage of large ships, by P&I status and flag**

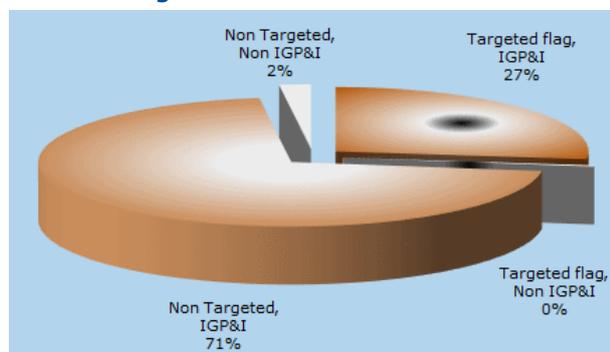
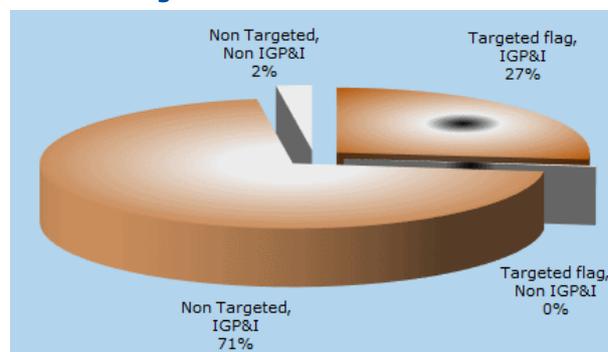
VERY LARGE SHIPS

Table 103 - P&I status : total number of very large⁽¹⁾ ships, by type and flag- 2013

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						2	0.1%			2
Container Ships	289	22.1%			289	744	21.7%	5	5.1%	749
Ro-Ro Cargo Ships	62	4.7%	3	20.0%	65	95	2.8%	1	1.0%	96
Bulk Carriers	603	46.1%	1	6.7%	604	932	27.1%	8	8.2%	940
Oil and Chemical Tankers	248	19.0%	6	40.0%	254	1,175	34.2%	54	55.1%	1,229
Gas Tankers	46	3.5%	1	6.7%	47	299	8.7%			299
Other Tankers										
Passenger Ships	41	3.1%			41	105	3.1%			105
Offshore Vessels	17	1.3%	4	26.7%	21	81	2.4%	30	30.6%	111
Service Ships	2	0.2%			2	3	0.1%			3
Tugs										
Total	1,308	100%	15	100%	1,323	3,436	100%	98	100%	3,534

Source: Equasis - ⁽¹⁾ GT≥60.000**Table 104 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag- 2013**

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						153	0.0%			153
Container Ships	26,807	20.7%			26,807	69,863	20.4%	373	3.4%	70,236
Ro-Ro Cargo Ships	3,953	3.1%	217	15.0%	4,170	6,156	1.8%	67	0.6%	6,222
Bulk Carriers	56,929	44.0%	75	5.1%	57,003	92,438	27.0%	585	5.3%	93,023
Oil and Chemical Tankers	30,718	23.7%	767	52.9%	31,485	122,976	35.9%	7,521	68.2%	130,497
Gas Tankers	4,780	3.7%	94	6.5%	4,874	32,374	9.4%			32,374
Other Tankers										
Passenger Ships	4,129	3.2%			4,129	10,032	2.9%			10,032
Offshore Vessels	1,810	1.4%	297	20.5%	2,107	8,581	2.5%	2,485	22.5%	11,066
Service Ships	304	0.2%			304	206	0.1%			206
Tugs										
Total	129,429	100%	1,449	100%	130,879	342,779	100%	11,031	100%	353,809

Source: Equasis - ⁽¹⁾ GT≥60.000**Graph 99 - Total number of very large ships, by P&I status and flag****Graph 100 -Gross tonnage of very large ships, by P&I status and flag**

4.5. SAFETY PERFORMANCE

WHOLE FLEET GT≥500

Table 105 - Whole fleet GT≥500 detention rate^(*), by type and P&I status

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.66%	11.07%	7.33%
Specialized Cargo Ships	6.69%	9.60%	7.61%
Container Ships	2.39%	7.56%	2.74%
Ro-Ro Cargo Ships	1.50%	12.00%	2.64%
Bulk Carriers	3.54%	10.83%	4.01%
Oil and Chemical Tankers	1.52%	9.14%	1.96%
Gas Tankers	1.99%	8.65%	2.48%
Other Tankers	2.98%	15.71%	5.90%
Passenger Ships	0.76%	8.47%	1.67%
Offshore Vessels	3.44%	9.82%	4.95%
Service Ships	0.64%	8.77%	4.07%
Tugs	1.52%	8.82%	4.00%
Total	2.83%	10.68%	4.31%

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

MEDIUM SIZED SHIPS

Table 106 - Medium sized⁽¹⁾ ships detention rates^(*), by type and P&I status

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.75%	11.07%	7.51%
Specialized Cargo Ships	8.62%	9.60%	9.03%
Container Ships	3.21%	7.08%	3.85%
Ro-Ro Cargo Ships	1.30%	11.07%	5.62%
Bulk Carriers	3.75%	11.23%	4.94%
Oil and Chemical Tankers	2.22%	8.10%	2.85%
Gas Tankers	2.45%	8.82%	3.19%
Other Tankers	3.13%	15.71%	6.12%
Passenger Ships	1.56%	9.22%	3.39%
Offshore Vessels	3.55%	10.00%	5.09%
Service Ships	0.67%	8.77%	4.17%
Tugs	1.52%	8.82%	4.00%
Total	3.28%	10.67%	5.70%

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

LARGE SHIPS

Table 107 - Large⁽¹⁾ ships detention rates^(*), by type and P&I status

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	2.61%	0.00%	2.61%
Specialized Cargo Ships	3.23%		3.23%
Container Ships	2.07%	15.79%	2.24%
Ro-Ro Cargo Ships	1.76%	21.43%	2.12%
Bulk Carriers	3.36%	9.50%	3.46%
Oil and Chemical Tankers	1.20%	7.14%	1.22%
Gas Tankers	2.00%	0.00%	1.99%
Other Tankers	0.00%		0.00%
Passenger Ships	0.43%	5.56%	0.80%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%		0.00%
Tugs			
Total	2.59%	10.59%	2.71%

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

VERY LARGE SHIPS

Table 108 - 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	0.00%		0.00%
Container Ships	1.80%	0.00%	1.80%
Ro-Ro Cargo Ships	0.84%	0.00%	0.83%
Bulk Carriers	3.84%	0.00%	3.82%
Oil and Chemical Tankers	0.14%	34.78%	0.68%
Gas Tankers	0.71%	0.00%	0.70%
Other Tankers			
Passenger Ships	0.25%		0.25%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%		0.00%
Tugs			
Total	2.05%	14.81%	2.14%

Source: Equasis - ⁽¹⁾ GT≥60.000 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG and Viña del Mar 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 statistics includes inspection data provided by five of the regional Port State Control regimes, Paris MoU, Tokyo MoU, Indian Ocean MoU (IO MoU), U.S. Coast Guard (USCG) and Viña del Mar MoU. The following tables show the level of annual inspections by these regimes.

Viña del Mar MoU joined Equasis in mid-2011 and the data of that PSC region is reflected in statistics starting from the year 2012. Therefore, the tables and graphs that include inspections over the last 3 years (2011-2013), take also into account data from Viña del Mar MoU from 2012 onwards.

PSC SHIP TYPE

As explained in Chapter 1, this chapter has been revised in 2011 to use the PSC ship types employed during inspections, instead of the generic and commercial ship types used in the other chapters.

It needs to be noted that, for consistency reasons, the fleet considered is exactly the same as that used in other chapters. It means that some inspections are not counted in this chapter if the ship is no longer active or if the ship has a "commercial" ship type that is considered to be out of the scope of these statistics.

INSPECTED SHIPS

Ships are subject to port State control inspections in most parts of the world, but Equasis receives data only from five PSC regimes. Some ships do not trade to the participating maritime authorities of these five MoU's or in some cases have not been inspected when they have visited them. In addition, some ships are not eligible for PSC inspections due to their size or type,

or they are only engaged in domestic trade. However, these vessels are mainly confined to the small ship size category. 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 those in the very large, large and medium sized ship category, could potentially be trading in the waters of these PSC regimes or are trading using ports in these areas. The inspection figures show the proportion of the fleet which have been inspected by one of the four PSC regimes in the last 3 years and in 2012 and 2013 for Viña del Mar MoU. Therefore the proportion of fleet that have not been inspected can be calculated. The figures are sorted by ship size and PSC type with details per age ranges, flag State and P&I coverage.

RECOGNISED ORGANISATIONS

Information on the "Recognised Organisations" used by vessels are now included in this chapter. The data used is based on the statutory certificates recorded at the time of inspection. Recognised Organisations are Class Societies working on behalf of a flag state to survey ships under their flag and certify that they comply with the relevant international conventions.

In Equasis, information about Recognised Organisations is provided through PSC inspections. However, only the Paris MoU and the Indian MoU provide this information to Equasis.

Table 142 provides the total number of inspections in which a statutory certificate has been recorded by the Port State Control Officer (PSCO) for each type of certificate. It also specifies the number of inspections where this certificate has been recorded by the PSCO by issuer (flag State or RO).

Please, note that during an inspection, several certificates are usually checked. Additionally a "group" of certificates in the table may refer to more than one certificate and each may be issued by different authorities. For these reasons, total figures cannot be easily deducted by summing lines or columns in Table 142.

The list of certificates by group is given in Annex IV. The group "Other" covers all unlisted certificates.

RESULTS

Table 114 reveals that of the 52,909 ships over 500GT in the fleet covered by Equasis, 63% (33,339) were inspected at least once in the period 2011-2013. This equates to 89% by tonnage. Tables 111 and 112 show that this proportion is 55% in 2013 (28,846).

Table 111 shows that the number of individual ships inspected increased steadily in the period from 2003 to 2012, with a small decrease of the number of inspections in 2012. In 2013, the number of individual ships inspected is close to the one reported in 2011. The increase of 7% of this figure in 2011, is due to the new Inspection Regime in the Paris MoU region.

Regionally, Table 112 and Graph 104 indicate that in 2013 there was a greater tendency towards multiple inspections of ships in the Tokyo MoU region than in the other regions. In contrast, in the Paris MoU, around 80% of the inspections are undertaken on different ships. This can be explained by the new inspection regime in place in the Paris MoU region which targets priority ships that have not been inspected for a certain time (6 months, one year or two years depending on the situation of each ship).

Tables 109 and 110 show that the majority of ships without an inspection record are in the small or medium sized ship category (97% in number).

By age, Table 114 shows that older ships have been subjected to fewer inspections than newer ships. Additionally ships with IGP&I coverage (Table 122) have also been subjected to more inspections. The

explanation for this is not evident, but a possibility would be that the majority of old ships and ships not covered by IGP&I are not operating in the regions for which Equasis has PSC data.

Table 130 shows that, as expected, ships with targeted flag States are subjected to more inspections than those of non-targeted flag States.

Table 138 shows that issuers of statutory certificates are, in majority, Recognised Organisations that are member of IACS. About 96% of the inspections of ships over 500GT have at least one statutory certificate issued by a Recognised Organisation that is member of IACS.

Table 142 shows that the involvement of flag States differs greatly depending on the statutory certificates. The Minimum Safe Manning Document (SOLAS/STCW), the Continuous Synopsis Record (SOLAS/CSR) and the Bunkering Certificate are the statutory certificates that are, in majority, issued by the flag State. Recognised Organisations are also more involved in issuing the ISPS (that ensures security on ships), especially IACS organisations. Finally, Flag States are more involved in SOLAS requirements while Recognised Organisations are heavily involved in MARPOL certificates.

5.1. PORT STATE CONTROL OVERVIEW

OVERVIEW OF INSPECTED SHIPS IN ALL PSC REGIONS (2011-2013)

Table 109 - The world fleet in Equasis, by PSC type and size (GT≥100)

PSC Ship Type	Small			Medium			Large			Very Large			All Sizes		
	Global	Inspected		Global	Inspected		Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	5,191	143	2.8%	12,029	7,370	61.3%	568	562	98.9%	53	53	100.0%	17,841	8,128	45.6%
Refrigerated Cargo	535	62	11.6%	938	638	68.0%	3	2	66.7%				1,476	702	47.6%
Heavy load	1		0.0%	56	48	85.7%	28	26	92.9%	2	1	50.0%	87	75	86.2%
Container	17	1	5.9%	2,118	1,782	84.1%	1,481	1,396	94.3%	1,021	1,013	99.2%	4,637	4,192	90.4%
Ro-Ro cargo	32	5	15.6%	591	365	61.8%	487	481	98.8%	140	138	98.6%	1,250	989	79.1%
Bulk Carrier	4	1	25.0%	2,712	2,383	87.9%	4,674	4,258	91.1%	1,525	1,474	96.7%	8,915	8,116	91.0%
Oil tanker	1,592	37	2.3%	3,729	978	26.2%	1,392	1,200	86.2%	1,306	1,161	88.9%	8,019	3,376	42.1%
Chemical tanker	453	6	1.3%	2,988	2,257	75.5%	722	659	91.3%				4,163	2,922	70.2%
Combination carrier				41	19	46.3%	15	15	100.0%	14	14	100.0%	70	48	68.6%
Gas carrier	40	1	2.5%	1,006	620	61.6%	186	165	88.7%	337	284	84.3%	1,569	1,070	68.2%
NLS Tanker	6	2	33.3%	199	182	91.5%	190	190	100.0%	179	179	100.0%	574	553	96.3%
High speed passenger craft	28	28	100.0%	48	48	100.0%							76	76	100.0%
Passenger Ship	2,734	90	3.3%	694	150	21.6%	68	68	100.0%	142	141	99.3%	3,638	449	12.3%
RoRo passenger ship	758	7	0.9%	1,716	218	12.7%	204	169	82.8%	4	4	100.0%	2,682	398	14.8%
Offshore supply	2,093	67	3.2%	4,396	1,041	23.7%	10	1	10.0%	1		0.0%	6,500	1,109	17.1%
Special purpose ship	488	42	8.6%	487	156	32.0%	16	10	62.5%	2	2	100.0%	993	210	21.1%
Tug	14,424	540	3.7%	912	181	19.8%							15,336	721	4.7%
Other special activities	2,949	389	13.2%	2,578	829	32.2%	174	120	69.0%	121	20	16.5%	5,822	1,358	23.3%
Other	334	21	6.3%	494	166	33.6%	102	94	92.2%	10	8	80.0%	940	289	30.7%
Total	31,679	1,442	5%	37,732	19,431	51%	10,320	9,416	91%	4,857	4,492	92%	84,588	34,781	41%

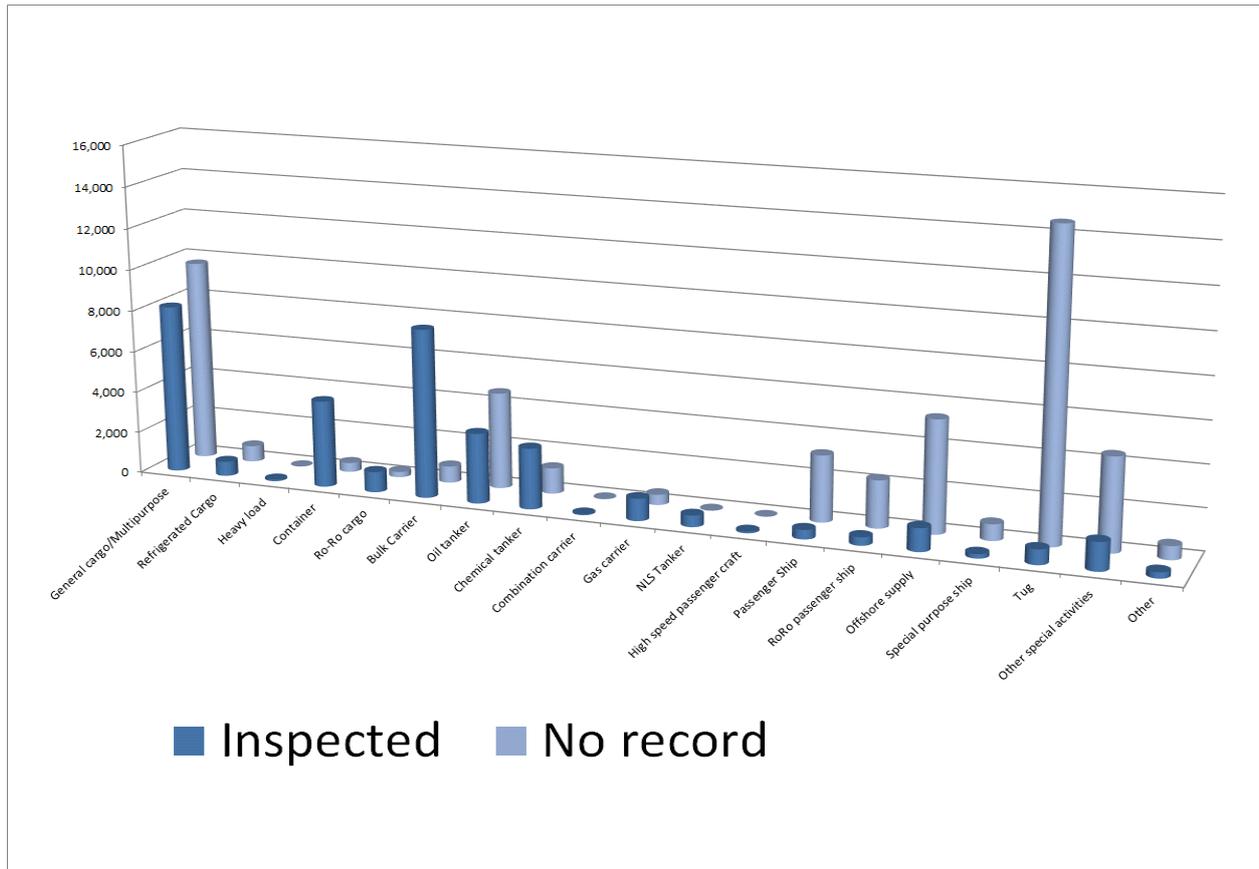
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Table 110 - Gross tonnage (in 1000 t) of the world fleet in Equasis, by PSC type and size

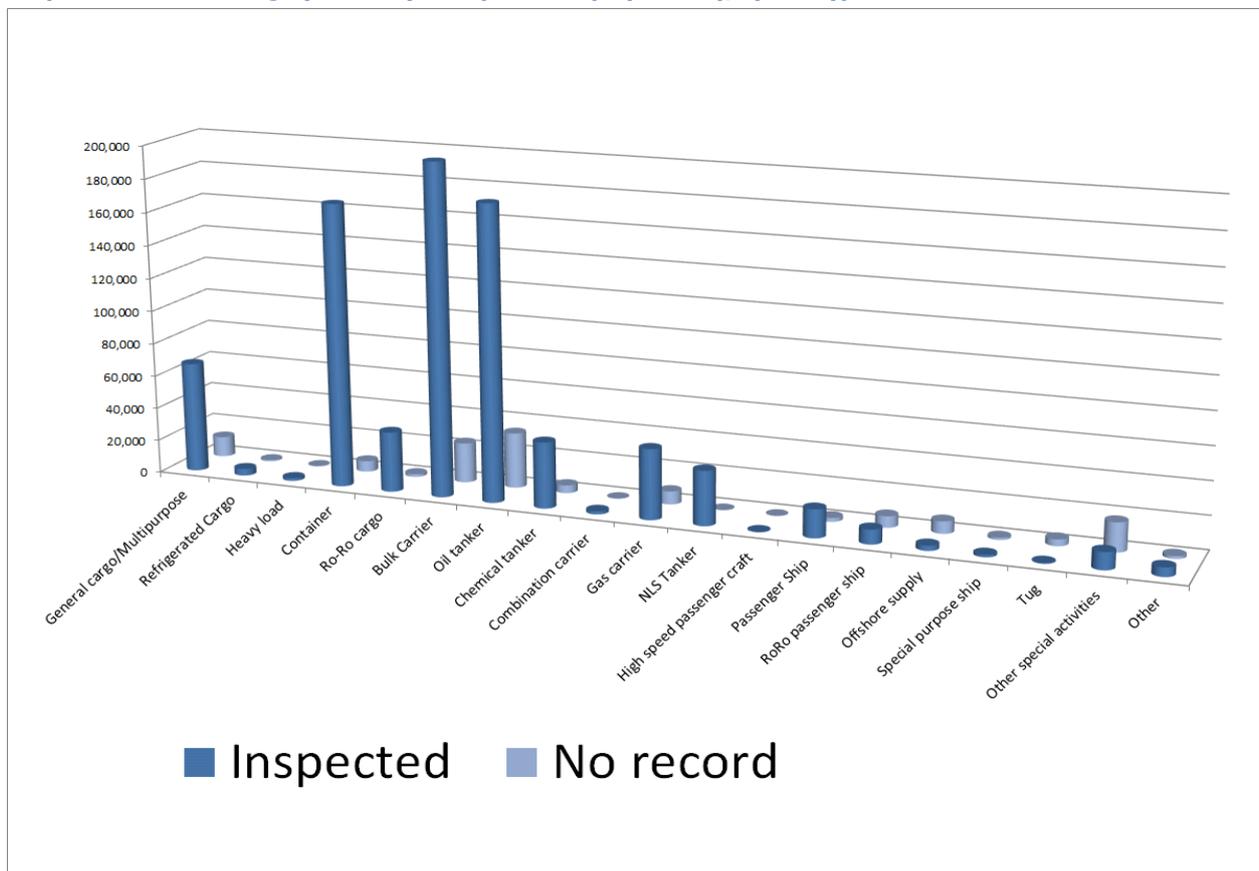
PSC Ship Type	Small			Medium			Large			Very Large			All Sizes		
	Global	Inspected		Global	Inspected		Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	1,754	56	3.2%	52,189	41,842	80.2%	20,752	20,584	99.2%	4,146	4,146	100.0%	78,841	66,628	84.5%
Refrigerated Cargo	134	18	13.4%	4,616	4,027	87.2%	97	65	67.0%				4,847	4,110	84.8%
Heavy load				759	663	87.4%	1,017	934	91.8%	153	92	60.1%	1,929	1,689	87.6%
Container	6		0.0%	24,459	21,936	89.7%	57,505	54,266	94.4%	95,657	94,881	99.2%	177,627	171,083	96.3%
Ro-Ro cargo	12	2	16.7%	5,725	4,340	75.8%	23,239	23,114	99.5%	9,081	8,951	98.6%	38,057	36,407	95.7%
Bulk Carrier	2		0.0%	46,353	41,755	90.1%	170,681	156,552	91.7%	148,808	143,411	96.4%	365,844	341,718	93.4%
Oil tanker	486	14	2.9%	14,663	6,624	45.2%	57,134	49,862	87.3%	139,136	121,521	87.3%	211,419	178,021	84.2%
Chemical tanker	166	2	1.4%	14,637	20,594	140.7%	21,163	19,299	91.2%				35,966	39,895	110.9%
Combination carrier				218	143	65.6%	460	460	100.0%	1,252	1,252	100.0%	1,930	1,855	96.1%
Gas carrier	15		0.0%	5,676	4,479	78.9%	8,302	7,348	88.5%	36,284	30,624	84.4%	50,277	42,451	84.4%
NLS Tanker	2	1	66.5%	1,895	1,862	98.3%	7,658	7,620	99.5%	23,306	23,406	100.4%	32,861	32,889	100.1%
High speed passenger craft	7	7	100.0%	233	233	100.0%							240	240	100.0%
Passenger Ship	647	22	3.4%	2,161	1,263	58.4%	2,745	2,745	100.0%	13,883	13,082	94.2%	19,436	17,112	88.0%
RoRo passenger ship	230	2	0.9%	8,183	2,658	32.5%	6,976	5,871	84.2%	278	278	100.1%	15,667	8,809	56.2%
Offshore supply	599	20	3.3%	9,409	2,978	31.7%	320	32	10.0%	60		0.0%	10,388	3,030	29.2%
Special purpose ship	126	11	8.7%	1,872	891	47.6%	606	374	61.7%	124	124	100.0%	2,728	1,400	51.3%
Tug	3,420	164	4.8%	954	264	27.7%							4,374	428	9.8%
Other special activities	714	114	16.0%	7,942	3,603	45.4%	7,483	4,861	65.0%	11,741	1,819	15.5%	27,880	10,397	37.3%
Other	110	6	5.5%	2,135	1,048	49.1%	4,224	3,912	92.6%	618	489	79.1%	7,087	5,455	77.0%
Total	8,430	440	5%	204,079	161,203	79%	390,362	357,899	92%	484,527	444,077	92%	1,087,399	963,618	89%

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

Graph 101 -Total number of inspected ships (all sizes), by PSC type



Graph 102 -Gross tonnage (in 1000 t) of inspected ships (all sizes), by PSC type



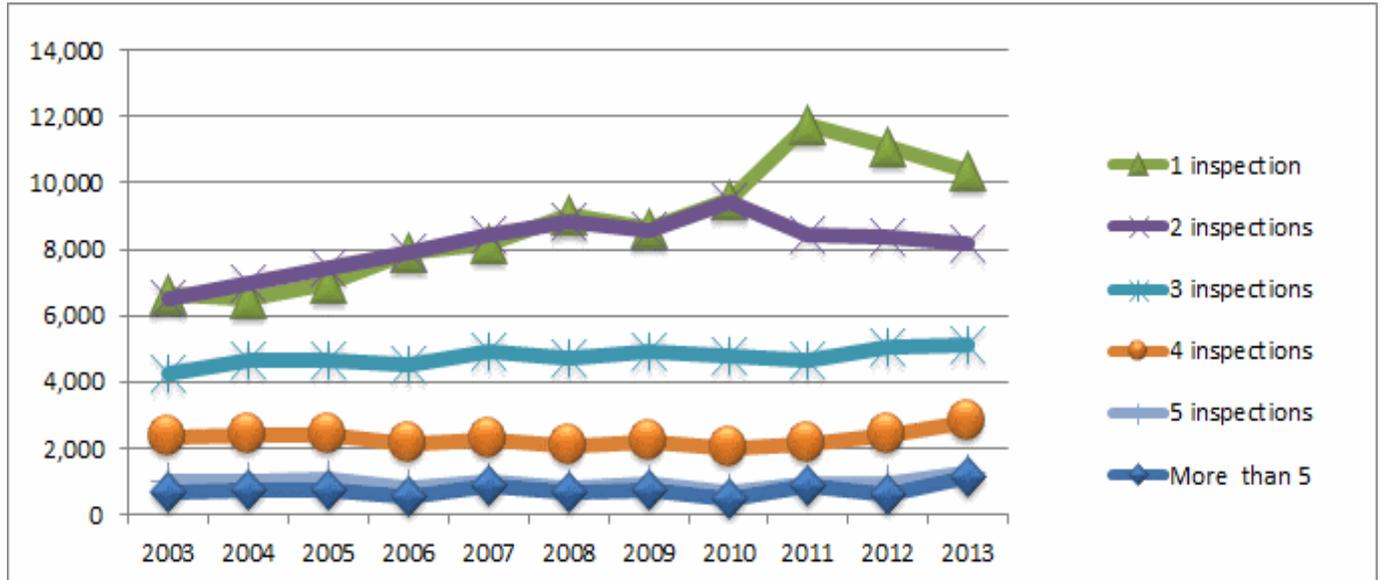
MULTIPLE INSPECTIONS (2002-2013)

Table 111 - Total number of individual ships inspected^(*), by number of inspections per ship – 2003-2013

Number of inspections per ship	Number of ships inspected																					
	2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
1	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%	11,783	40.8%	11,082	38.9%	10,351	35.9%
2	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%	8,438	29.3%	8,380	29.4%	8,152	28.3%
3	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%	4,670	16.2%	5,021	17.6%	5,102	17.7%
4	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%	2,133	7.4%	2,409	8.5%	2,783	9.7%
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%	936	3.2%	950	3.3%	1,284	4.5%
More than 5	700	3.3%	726	3.3%	703	3.0%	552	2.3%	859	3.4%	671	2.6%	724	2.8%	493	1.8%	887	3.1%	631	2.2%	1,149	4.0%
Total	21,433	100%	22,176	100%	23,244	100%	23,849	100%	25,638	100%	26,017	100%	25,987	100%	26,855	100%	28,847	100%	28,473	100%	28,821	100%

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

Graph 103 -Total number of individual ships inspected^(*), by number of inspections per ship – 2003-2013



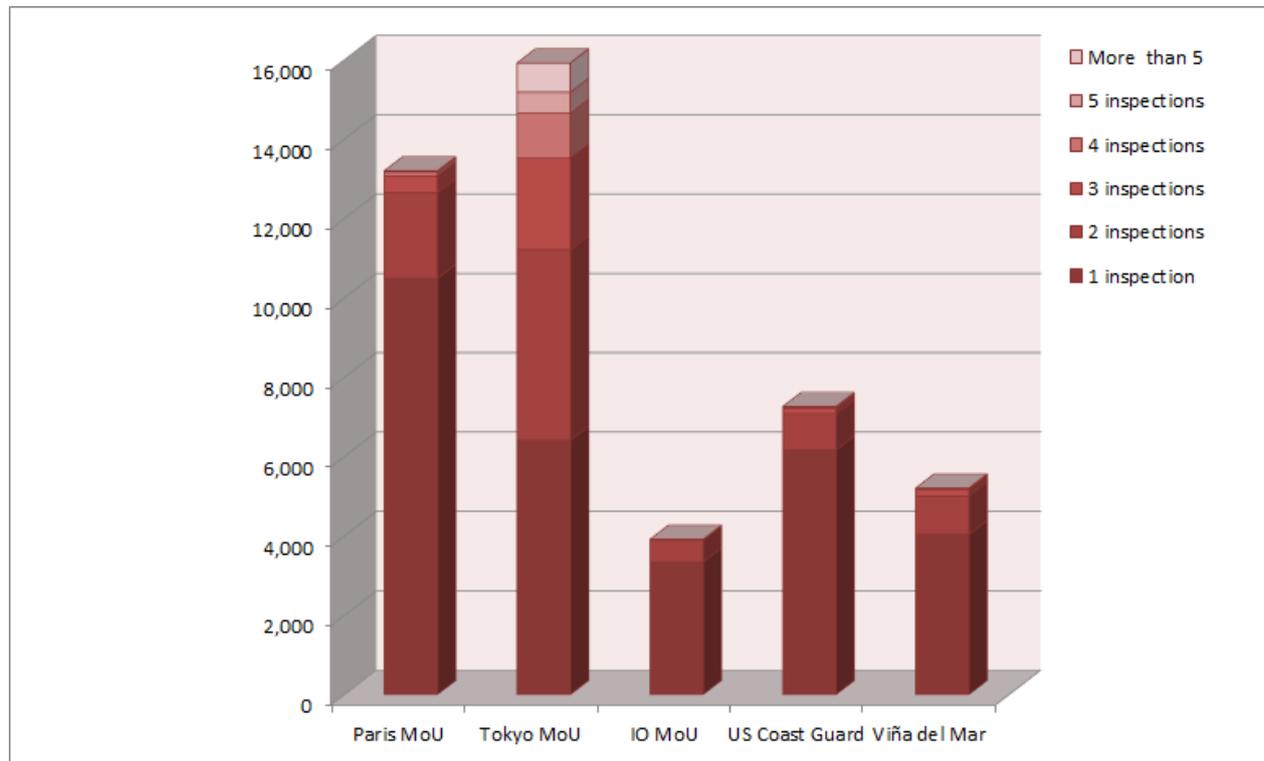
(*) Existing ship types in Equasis

INSPECTION FREQUENCY BY PSC REGIONS (2013)

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

Number of inspections per ship	Number of individual ships inspected											
	Paris MoU		Tokyo MoU		IO MoU		US Coast Guard		Viña del Mar		Overall	
1	10,484	79.4%	6,412	40.3%	3,344	85.4%	6,166	84.9%	4,039	77.6%	10,344	35.9%
2	2,171	16.4%	4,799	30.1%	554	14.2%	911	12.5%	968	18.6%	8,161	28.3%
3	412	3.1%	2,313	14.5%	16	0.4%	144	2.0%	163	3.1%	5,115	17.7%
4	103	0.8%	1,124	7.1%	1	0.0%	25	0.3%	25	0.5%	2,783	9.6%
5	24	0.2%	535	3.4%			6	0.1%	8	0.2%	1,293	4.5%
More than 5	6	0.0%	735	4.6%			9	0.1%	2	0.0%	1,150	4.0%
Total	13,200	100%	15,918	100%	3,915	100%	7,261	100%	5,205	100%	28,846	100%

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

Graph 104 - Total number of individual ships inspected^(*), by number of inspection per ship and PSC region

^(*) All existing ship types in Equasis

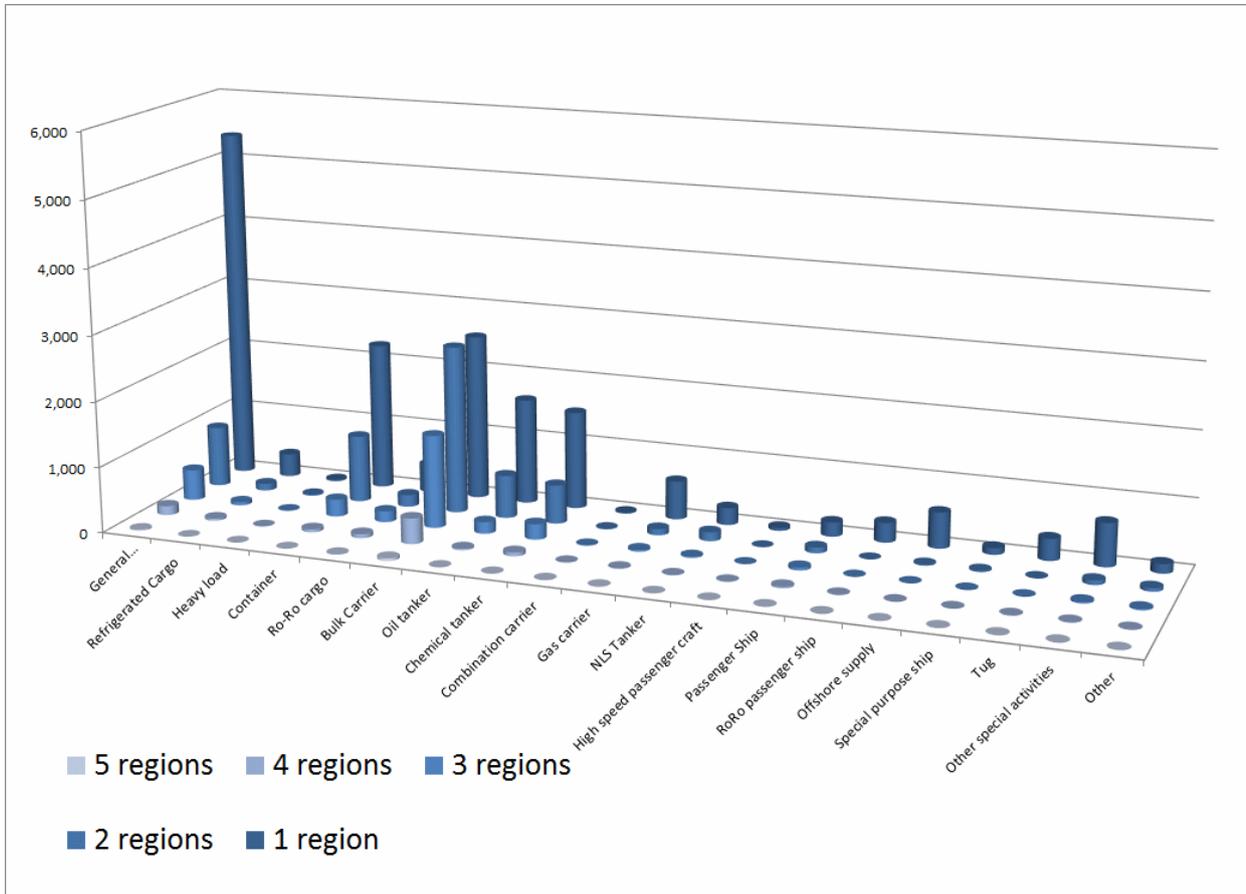
INSPECTIONS IN MORE THAN ONE REGION (2013)

Table 113 - 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		5 Regions	
General cargo/Multipurpose	5,380	31.0%	925	14.1%	471	16.1%	138	17.5%	17	25.0%
Refrigerated Cargo	355	2.0%	104	1.6%	51	1.7%	34	4.3%		
Heavy load	27	0.2%	20	0.3%	6	0.2%	2	0.3%		
Container	2,256	13.0%	1,024	15.6%	262	8.9%	45	5.7%	1	1.5%
Ro-Ro cargo	435	2.5%	183	2.8%	168	5.7%	61	7.7%	7	10.3%
Bulk Carrier	2,532	14.6%	2,567	39.2%	1,420	48.4%	390	49.4%	39	57.4%
Oil tanker	1,615	9.3%	656	10.0%	178	6.1%	23	2.9%	1	1.5%
Chemical tanker	1,499	8.7%	592	9.0%	236	8.0%	57	7.2%	1	1.5%
Combination carrier	19	0.1%	10	0.2%	6	0.2%	2	0.3%		
Gas carrier	590	3.4%	95	1.4%	28	1.0%	8	1.0%		
NLS Tanker	264	1.5%	135	2.1%	19	0.6%	2	0.3%		
High speed passenger craft	46	0.3%	1	0.0%						
Passenger Ship	219	1.3%	85	1.3%	44	1.5%	23	2.9%	2	2.9%
RoRo passenger ship	302	1.7%	1	0.0%						
Offshore supply	548	3.2%	16	0.2%						
Special purpose ship	101	0.6%	18	0.3%						
Tug	336	1.9%	3	0.0%						
Other special activities	662	3.8%	67	1.0%	23	0.8%	3	0.4%		
Other	143	0.8%	52	0.8%	21	0.7%	2	0.3%		
Total	17,329	100%	6,554	100%	2,933	100%	790	100%	68	100%

Source: Equasis – Paris MoU, Tokyo MoU, IO MoU, US Coast Guard and Viña del Mar

Graph 105 -Ships inspected per number of PSC regions, by type



5.2. SHIPS INSPECTED BETWEEN 2011 AND 2013 – BY AGE

WHOLE FLEET GT≥500

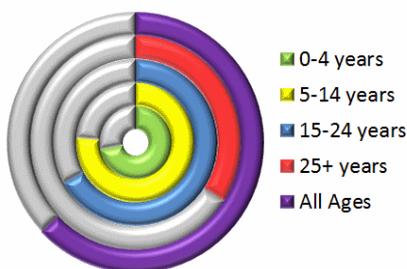
Table 114 - Total number of ships GT≥500 with and without inspections, by PSC type and age

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	2,317	1,595	68.8%	3,057	2,327	76.1%	2,631	1,891	71.9%	4,645	2,172	46.8%	12,650	7,985	63.1%
Refrigerated Cargo	17	16	94.1%	62	58	93.5%	359	313	87.2%	503	253	50.3%	941	640	68.0%
Heavy load	33	23	69.7%	19	19	100.0%	10	10	100.0%	24	23	95.8%	86	75	87.2%
Container	1,098	997	90.8%	2,332	2,231	95.7%	1,040	908	87.3%	150	55	36.7%	4,620	4,191	90.7%
Ro-Ro cargo	268	253	94.4%	428	375	87.6%	227	190	83.7%	295	166	56.3%	1,218	984	80.8%
Bulk Carrier	4,444	4,040	90.9%	2,430	2,386	98.2%	1,393	1,275	91.5%	644	414	64.3%	8,911	8,115	91.1%
Oil tanker	1,629	1,053	64.6%	2,194	1,669	76.1%	1,110	426	38.4%	1,494	191	12.8%	6,427	3,339	52.0%
Chemical tanker	1,062	882	83.1%	1,691	1,490	88.1%	586	444	75.8%	371	100	27.0%	3,710	2,916	78.6%
Combination carrier	21	21	100.0%	12	12	100.0%	14	12	85.7%	23	3	13.0%	70	48	68.6%
Gas carrier	362	267	73.8%	535	458	85.6%	383	261	68.1%	249	83	33.3%	1,529	1,069	69.9%
NLS Tanker	135	134	99.3%	319	316	99.1%	80	78	97.5%	34	23	67.6%	568	551	97.0%
High speed passenger craft	4	4	100.0%	17	17	100.0%	27	27	100.0%				48	48	100.0%
Passenger Ship	86	45	52.3%	255	113	44.3%	279	112	40.1%	284	89	31.3%	904	359	39.7%
RoRo passenger ship	216	32	14.8%	451	108	23.9%	453	119	26.3%	804	132	16.4%	1,924	391	20.3%
Offshore supply	1,535	409	26.6%	1,311	326	24.9%	239	76	31.8%	1,322	231	17.5%	4,407	1,042	23.6%
Special purpose ship	64	36	56.3%	89	37	41.6%	84	36	42.9%	268	59	22.0%	505	168	33.3%
Tug	224	73	32.6%	172	43	25.0%	84	11	13.1%	432	54	12.5%	912	181	19.8%
Other special activities	564	267	47.3%	560	219	39.1%	440	146	33.2%	1,309	337	25.7%	2,873	969	33.7%
Other	118	70	59.3%	133	65	48.9%	93	39	41.9%	262	94	35.9%	606	268	44.2%
Total	14,197	10,217	72%	16,067	12,269	76%	9,532	6,374	67%	13,113	4,479	34%	52,909	33,339	63%

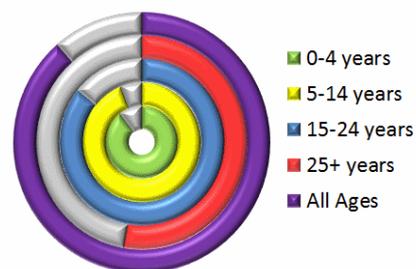
Table 115 - Gross tonnage (in 1000 t) of ships GT≥500 with and without inspections, by PSC type and age

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	24,830	22,819	91.9%	23,798	22,371	94.0%	13,923	12,252	88.0%	14,536	9,039	62.2%	77,086	66,481	86.2%
Refrigerated Cargo	161	159	98.6%	528	517	98.0%	2,313	2,186	94.5%	1,711	1,187	69.4%	4,714	4,050	85.9%
Heavy load	744	515	69.2%	273	273	100.0%	215	215	100.0%	696	686	98.5%	1,928	1,689	87.6%
Container	65,964	63,328	96.0%	87,173	86,051	98.7%	22,292	20,730	93.0%	2,192	1,056	48.2%	177,621	171,165	96.4%
Ro-Ro cargo	11,945	11,748	98.4%	16,653	16,082	96.6%	5,239	5,064	96.7%	4,208	3,422	81.3%	38,045	36,316	95.5%
Bulk Carrier	199,493	183,720	92.1%	95,861	95,333	99.4%	56,454	53,012	93.9%	14,035	9,182	65.4%	365,842	341,246	93.3%
Oil tanker	76,492	64,559	84.4%	105,901	96,022	90.7%	23,490	16,910	72.0%	5,185	724	14.0%	211,067	178,215	84.4%
Chemical tanker	15,405	13,765	89.4%	22,904	21,427	93.6%	4,542	4,000	88.1%	1,630	689	42.2%	44,481	39,881	89.7%
Combination carrier	908	908	100.0%	423	423	100.0%	489	484	98.9%	109	40	36.2%	1,930	1,855	96.1%
Gas carrier	14,213	11,564	81.4%	24,813	22,916	92.4%	7,177	4,978	69.4%	4,058	2,999	73.9%	50,261	42,456	84.5%
NLS Tanker	10,160	10,159	100.0%	19,013	19,007	100.0%	3,451	3,438	99.6%	145	132	91.2%	32,769	32,736	99.9%
High speed passenger craft	29	29	100.0%	73	73	100.0%	131	131	100.0%				233	233	100.0%
Passenger Ship	4,132	4,083	98.8%	8,673	8,405	96.9%	4,221	3,886	92.1%	1,764	1,438	81.5%	18,789	17,811	94.8%
RoRo passenger ship	1,890	961	50.9%	5,460	3,308	60.6%	4,085	2,529	61.9%	4,003	2,000	50.0%	15,438	8,799	57.0%
Offshore supply	4,416	1,416	32.1%	3,092	1,014	32.8%	527	195	37.0%	1,754	388	22.1%	9,789	3,013	30.8%
Special purpose ship	564	368	65.3%	571	392	68.6%	495	296	59.9%	972	328	33.7%	2,603	1,384	53.2%
Tug	272	112	41.1%	212	78	36.6%	90	19	20.7%	380	57	15.0%	954	265	27.8%
Other special activities	8,027	4,202	52.3%	5,271	2,900	55.0%	4,796	1,794	37.4%	9,073	1,396	15.4%	27,166	10,292	37.9%
Other	2,264	1,744	77.0%	2,301	1,965	85.4%	912	671	73.6%	1,500	1,075	71.7%	6,977	5,455	78.2%
Total	441,909	396,158	90%	422,991	398,556	94%	154,843	132,790	86%	67,950	35,836	53%	1,087,694	963,341	89%

Graph 106 - Proportion of inspected ships GT≥500, by age



Graph 107 - Proportion of gross tonnage inspected ships GT≥500, by age



MEDIUM SIZED SHIPS

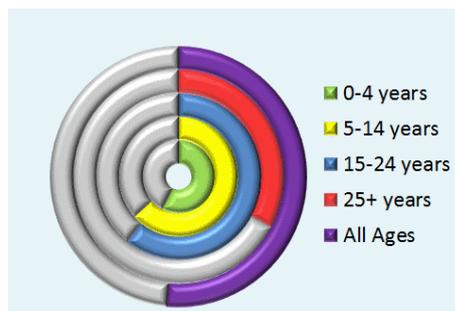
Table 116 - Total number of medium sized ships with and without inspections, by PSC type and age

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	2,073	1,353	65.3%	2,839	2,109	74.3%	2,524	1,785	70.7%	4,593	2,123	46.2%	12,029	7,370	61.3%
Refrigerated Cargo	17	16	94.1%	61	57	93.4%	357	312	87.4%	503	253	50.3%	938	638	68.0%
Heavy load	25	18	72.0%	18	18	100.0%	6	6	100.0%	7	6	85.7%	56	48	85.7%
Container	302	244	80.8%	968	885	91.4%	731	613	83.9%	117	40	34.2%	2,118	1,782	84.1%
Ro-Ro cargo	48	36	75.0%	153	102	66.7%	152	115	75.7%	238	112	47.1%	591	365	61.8%
Bulk Carrier	1,186	1,093	92.2%	607	569	93.7%	431	394	91.4%	488	327	67.0%	2,712	2,383	87.9%
Oil tanker	710	242	34.1%	764	347	45.4%	798	206	25.8%	1,457	183	12.6%	3,729	978	26.2%
Chemical tanker	770	622	80.8%	1,309	1,131	86.4%	546	407	74.5%	363	97	26.7%	2,988	2,257	75.5%
Combination carrier	8	8	100.0%	4	4	100.0%	7	5	71.4%	22	2	9.1%	41	19	46.3%
Gas carrier	230	160	69.6%	266	205	77.1%	306	206	67.3%	204	49	24.0%	1,006	620	61.6%
NLS Tanker	34	33	97.1%	95	92	96.8%	36	34	94.4%	34	23	67.6%	199	182	91.5%
High speed passenger craft	4	4	100.0%	17	17	100.0%	27	27	100.0%				48	48	100.0%
Passenger Ship	48	7	14.6%	158	17	10.8%	225	58	25.8%	263	68	25.9%	694	150	21.6%
RoRo passenger ship	186	8	4.3%	354	33	9.3%	400	71	17.8%	776	106	13.7%	1,716	218	12.7%
Offshore supply	1,530	409	26.7%	1,308	325	24.8%	239	76	31.8%	1,319	231	17.5%	4,396	1,041	23.7%
Special purpose ship	58	32	55.2%	85	34	40.0%	82	34	41.5%	262	56	21.4%	487	156	32.0%
Tug	224	73	32.6%	172	43	25.0%	84	11	13.1%	432	54	12.5%	912	181	19.8%
Other special activities	454	207	45.6%	495	175	35.4%	386	118	30.6%	1,243	329	26.5%	2,578	829	32.2%
Other	79	35	44.3%	92	26	28.3%	81	29	35.8%	242	76	31.4%	494	166	33.6%
Total	7,986	4,600	58%	9,765	6,189	63%	7,418	4,507	61%	12,563	4,135	33%	37,732	19,431	51%

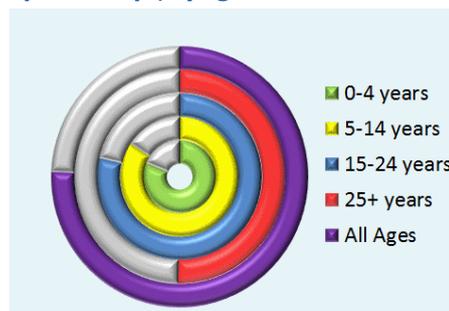
Table 117 - Gross tonnage (in 1000 t) of medium sized ships with and without inspections, by PSC type and age

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%									
General cargo/Multipurpose	14,014	12,086	86.2%	14,976	13,549	90.5%	10,250	8,613	84.0%	12,949	7,539	58.2%	52,189	41,787	80.1%
Refrigerated Cargo	161	159	98.6%	495	484	97.9%	2,249	2,154	95.8%	1,711	1,187	69.4%	4,616	3,985	86.3%
Heavy load	367	281	76.6%	221	221	100.0%	53	53	100.0%	117	107	91.2%	759	663	87.3%
Container	3,697	3,307	89.4%	11,547	10,965	95.0%	8,234	7,164	87.0%	981	484	49.4%	24,459	21,920	89.6%
Ro-Ro cargo	576	468	81.3%	2,062	1,621	78.6%	1,419	1,244	87.7%	1,668	970	58.1%	5,725	4,303	75.2%
Bulk Carrier	22,034	20,725	94.1%	9,282	8,946	96.4%	7,027	6,548	93.2%	8,010	5,466	68.2%	46,353	41,685	89.9%
Oil tanker	3,140	1,503	47.9%	5,051	3,603	71.3%	2,966	1,059	35.7%	3,479	440	12.6%	14,637	6,605	45.1%
Chemical tanker	6,653	5,996	90.1%	11,893	11,069	93.1%	3,419	2,959	86.6%	1,352	557	41.2%	23,317	20,581	88.3%
Combination carrier	68	68	100.0%	37	37	100.0%	37	32	86.0%	75	5	7.0%	218	143	65.5%
Gas carrier	1,817	1,454	80.0%	1,781	1,571	88.2%	1,567	1,266	80.8%	510	193	37.9%	5,676	4,484	79.0%
NLS Tanker	351	350	99.7%	1,122	1,116	99.4%	278	265	95.2%	145	132	91.2%	1,895	1,862	98.3%
High speed passenger craft	29	29	100.0%	73	73	100.0%	131	131	100.0%				233	233	100.0%
Passenger Ship	110	60	55.1%	284	96	33.8%	843	508	60.3%	925	598	64.7%	2,161	1,263	58.4%
RoRo passenger ship	768	44	5.8%	1,964	501	25.5%	2,325	924	39.7%	3,127	1,181	37.8%	8,183	2,650	32.4%
Offshore supply	4,220	1,416	33.6%	3,001	982	32.7%	527	195	37.0%	1,660	388	23.3%	9,409	2,981	31.7%
Special purpose ship	339	224	65.9%	385	248	64.5%	389	190	48.9%	759	225	29.6%	1,872	886	47.3%
Tug	272	112	41.1%	212	78	36.6%	90	19	20.7%	380	57	15.0%	954	265	27.8%
Other special activities	1,926	1,121	58.2%	1,787	838	46.9%	1,264	643	50.8%	2,965	1,011	34.1%	7,942	3,613	45.5%
Other	536	264	49.3%	466	197	42.1%	417	243	58.2%	715	351	49.1%	2,135	1,054	49.4%
Total	61,080	49,668	81%	66,639	56,196	84%	43,486	34,209	79%	41,527	20,891	50%	212,732	160,963	76%

Graph 108 - Proportion of medium sized inspected ships, by age



Graph 109 - Proportion of gross tonnage for medium sized inspected ships, by age



LARGE SHIPS

Table 118 - Total number of large ships with and without inspections, by PSC type and age

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	213	211	99.1%	197	197	100.0%	106	105	99.1%	52	49	94.2%	568	562	98.9%
Refrigerated Cargo				1	1	100.0%	2	1	50.0%				3	2	66.7%
Heavy load	6	4	66.7%	1	1	100.0%	4	4	100.0%	17	17	100.0%	28	26	92.9%
Container	369	334	90.5%	830	812	97.8%	249	235	94.4%	33	15	45.5%	1,481	1,396	94.3%
Ro-Ro cargo	162	159	98.1%	203	203	100.0%	67	67	100.0%	55	52	94.5%	487	481	98.8%
Bulk Carrier	2,383	2,119	88.9%	1,445	1,439	99.6%	698	621	89.0%	148	79	53.4%	4,674	4,258	91.1%
Oil tanker	346	305	88.2%	812	758	93.3%	203	129	63.5%	31	8	25.8%	1,392	1,200	86.2%
Chemical tanker	292	260	89.0%	382	359	94.0%	40	37	92.5%	8	3	37.5%	722	659	91.3%
Combination carrier	9	9	100.0%	4	4	100.0%	1	1	100.0%	1	1	100.0%	15	15	100.0%
Gas carrier	41	34	82.9%	93	93	100.0%	39	31	79.5%	13	7	53.8%	186	165	88.7%
NLS Tanker	36	36	100.0%	126	126	100.0%	28	28	100.0%				190	190	100.0%
High speed passenger craft															
Passenger Ship	5	5	100.0%	21	21	100.0%	22	22	100.0%	20	20	100.0%	68	68	100.0%
RoRo passenger ship	28	22	78.6%	95	73	76.8%	53	48	90.6%	28	26	92.9%	204	169	82.8%
Offshore supply	4		0.0%	3	1	33.3%				3		0.0%	10	1	10.0%
Special purpose ship	6	4	66.7%	3	2	66.7%	1	1	100.0%	6	3	50.0%	16	10	62.5%
Tug															
Other special activities	68	49	72.1%	50	39	78.0%	35	26	74.3%	21	6	28.6%	174	120	69.0%
Other	33	31	93.9%	37	35	94.6%	12	10	83.3%	20	18	90.0%	102	94	92.2%
Total	4,001	3,582	90%	4,303	4,164	97%	1,560	1,366	88%	456	304	67%	10,320	9,416	91%

Table 119 - Gross tonnage (in 1000 t) of large ships with and without inspections, by PSC type and age

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	8,324	8,242	99.0%	7,233	7,233	100.0%	3,607	3,573	99.0%	1,587	1,500	94.5%	20,752	20,548	99.0%
Refrigerated Cargo				33	33	100.0%	64	32	50.0%				97	65	67.0%
Heavy load	224	142	63.3%	52	52	100.0%	162	162	100.0%	579	579	100.0%	1,017	934	91.9%
Container	15,200	13,718	90.3%	31,335	30,794	98.3%	9,759	9,268	95.0%	1,211	572	47.2%	57,505	54,352	94.5%
Ro-Ro cargo	7,581	7,492	98.8%	9,983	9,983	100.0%	3,268	3,268	100.0%	2,407	2,319	96.4%	23,239	23,062	99.2%
Bulk Carrier	90,683	81,229	89.6%	51,687	51,495	99.6%	23,313	20,885	89.6%	4,999	2,689	53.8%	170,681	156,298	91.6%
Oil tanker	13,658	11,967	87.6%	33,998	31,950	94.0%	8,319	5,660	68.0%	1,159	284	24.5%	57,134	49,862	87.3%
Chemical tanker	8,752	7,770	88.8%	11,011	10,357	94.1%	1,124	1,041	92.6%	278	131	47.4%	21,163	19,299	91.2%
Combination carrier	263	263	100.0%	117	117	100.0%	46	46	100.0%	34	34	100.0%	460	460	100.0%
Gas carrier	1,896	1,564	82.5%	4,117	4,117	100.0%	1,684	1,334	79.2%	604	333	55.1%	8,302	7,348	88.5%
NLS Tanker	1,352	1,352	100.0%	4,994	4,994	100.0%	1,221	1,221	100.0%				7,568	7,568	100.0%
High speed passenger craft															
Passenger Ship	176	176	100.0%	833	833	100.0%	971	971	100.0%	766	766	100.0%	2,745	2,745	100.0%
RoRo passenger ship	994	789	79.3%	3,345	2,657	79.4%	1,761	1,606	91.2%	876	819	93.5%	6,976	5,871	84.2%
Offshore supply	135		0.0%	92	32	35.0%				94		0.0%	320	32	10.0%
Special purpose ship	225	145	64.3%	126	83	66.2%	43	43	100.0%	214	103	48.5%	606	374	61.6%
Tug															
Other special activities	3,003	1,988	66.2%	2,170	1,628	75.0%	1,457	1,018	69.8%	853	226	26.6%	7,483	4,861	65.0%
Other	1,354	1,235	91.2%	1,591	1,525	95.9%	494	428	86.6%	785	724	92.3%	4,224	3,912	92.6%
Total	153,820	138,072	90%	162,716	157,884	97%	57,293	50,555	88%	16,444	11,080	67%	390,273	357,590	92%

Graph 110 - Proportion of large inspected ships, by age



Graph 111 - Proportion of gross tonnage for large inspected ships, by age



VERY LARGE SHIPS

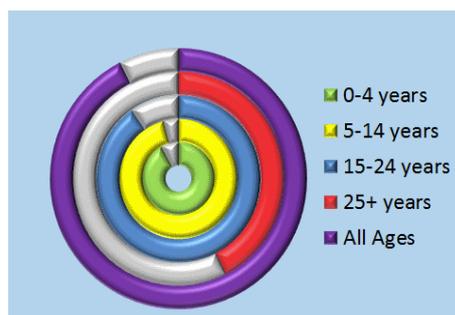
Table 120 - Total number of very large ships with and without inspections, by age and size

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	31	31	100.0%	21	21	100.0%	1	1	100.0%				53	53	100.0%
Refrigerated Cargo															
Heavy load	2	1	50.0%										2	1	50.0%
Container	427	419	98.1%	534	534	100.0%	60	60	100.0%				1,021	1,013	99.2%
Ro-Ro cargo	58	58	100.0%	72	70	97.2%	8	8	100.0%	2	2	100.0%	140	138	98.6%
Bulk Carrier	875	828	94.6%	378	378	100.0%	264	260	98.5%	8	8	100.0%	1,525	1,474	96.7%
Oil tanker	573	506	88.3%	618	564	91.3%	109	91	83.5%	6	0	0.0%	1,306	1,161	88.9%
Chemical tanker															
Combination carrier	4	4	100.0%	4	4	100.0%	6	6	100.0%				14	14	100.0%
Gas carrier	91	73	80.2%	176	160	90.9%	38	24	63.2%	32	27	84.4%	337	284	84.3%
NLS Tanker	65	65	100.0%	98	98	100.0%	16	16	100.0%				179	179	100.0%
High speed passenger craft															
Passenger Ship	33	33	100.0%	76	75	98.7%	32	32	100.0%	1	1	100.0%	142	141	99.3%
RoRo passenger ship	2	2	100.0%	2	2	100.0%							4	4	100.0%
Offshore supply	1		0.0%										1		0.0%
Special purpose ship				1	1	100.0%	1	1	100.0%				2	2	100.0%
Tug															
Other special activities	42	11	26.2%	15	5	33.3%	19	2	10.5%	45	2	4.4%	121	20	16.5%
Other	6	4	66.7%	4	4	100.0%							10	8	80.0%
Total	2,210	2,035	92%	1,999	1,916	96%	554	501	90%	94	40	43%	4,857	4,492	92%

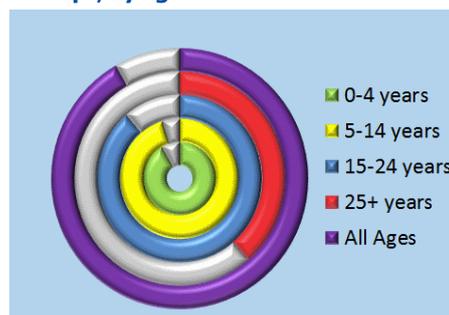
Table 121 - Gross tonnage (in 1000 t) of very large ships with and without inspections, by age and size

PSC Ship Type	0-4 years			5-14 years			15-24 years			25+ years			All Ages		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	2,491	2,491	100.0%	1,588	1,588	100.0%	67	67	100.0%				4,146	4,146	100.0%
Refrigerated Cargo															
Heavy load	153	92	60.0%										153	92	60.0%
Container	47,067	46,303	98.4%	44,292	44,292	100.0%	4,298	4,298	100.0%				95,657	94,892	99.2%
Ro-Ro cargo	3,788	3,788	100.0%	4,608	4,478	97.2%	552	552	100.0%	133	133	100.0%	9,081	8,951	98.6%
Bulk Carrier	86,776	81,766	94.2%	34,892	34,892	100.0%	26,114	25,579	97.9%	1,027	1,027	100.0%	148,808	143,263	96.3%
Oil tanker	59,694	51,088	85.6%	66,851	60,469	90.5%	12,205	10,191	83.5%	546	0	0.0%	139,296	121,748	87.4%
Chemical tanker															
Combination carrier	577	577	100.0%	269	269	100.0%	407	407	100.0%				1,252	1,252	100.0%
Gas carrier	10,500	8,546	81.4%	18,915	17,227	91.1%	3,925	2,378	60.6%	2,944	2,473	84.0%	36,284	30,624	84.4%
NLS Tanker	8,457	8,457	100.0%	12,897	12,897	100.0%	1,952	1,952	100.0%				23,306	23,306	100.0%
High speed passenger craft															
Passenger Ship	3,846	3,846	100.0%	7,557	7,476	98.9%	2,406	2,406	100.0%	74	74	100.0%	13,883	13,802	99.4%
RoRo passenger ship	128	128	100.0%	150	150	100.0%							278	278	100.0%
Offshore supply	60		0.0%										60		0.0%
Special purpose ship				60	60	100.0%	64	64	100.0%				124	124	100.0%
Tug															
Other special activities	3,098	1,093	35.3%	1,314	434	33.0%	2,074	133	6.4%	5,255	159	3.0%	11,741	1,819	15.5%
Other	374	245	65.4%	244	244	100.0%							618	489	79.1%
Total	227,009	208,419	92%	193,636	184,477	95%	54,064	48,027	89%	9,979	3,865	39%	484,688	444,787	92%

Graph 112 - Proportion of very large inspected ships, by age



Graph 113 - Proportion of gross tonnage for very large inspected ships, by age



5.3. SHIPS INSPECTED BETWEEN 2011 AND 2013 – BY P&I

WHOLE FLEET GT≥500

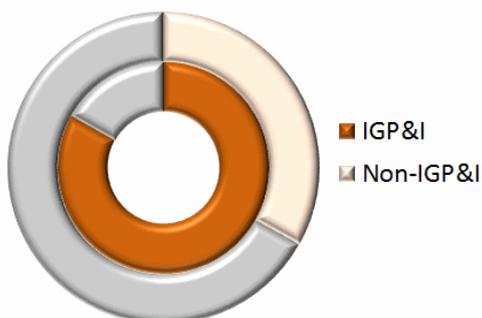
Table 122 - Total number of ships GT≥500 with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	4,221	3,974	94.1%	8,429	4,011	47.6%	12,650	7,985	63.1%
Refrigerated Cargo	335	311	92.8%	606	329	54.3%	941	640	68.0%
Heavy load	76	71	93.4%	10	4	40.0%	86	75	87.2%
Container	4,002	3,808	95.2%	618	383	62.0%	4,620	4,191	90.7%
Ro-Ro cargo	894	859	96.1%	324	125	38.6%	1,218	984	80.8%
Bulk Carrier	7,968	7,611	95.5%	943	504	53.4%	8,911	8,115	91.1%
Oil tanker	4,020	2,944	73.2%	2,407	395	16.4%	6,427	3,339	52.0%
Chemical tanker	2,959	2,660	89.9%	751	256	34.1%	3,710	2,916	78.6%
Combination carrier	46	45	97.8%	24	3	12.5%	70	48	68.6%
Gas carrier	1,174	980	83.5%	355	89	25.1%	1,529	1,069	69.9%
NLS Tanker	527	524	99.4%	41	27	65.9%	568	551	97.0%
High speed passenger craft	32	32	100.0%	16	16	100.0%	48	48	100.0%
Passenger Ship	438	317	72.4%	466	42	9.0%	904	359	39.7%
RoRo passenger ship	722	305	42.2%	1,202	86	7.2%	1,924	391	20.3%
Offshore supply	2,416	774	32.0%	1,991	268	13.5%	4,407	1,042	23.6%
Special purpose ship	165	119	72.1%	340	49	14.4%	505	168	33.3%
Tug	371	112	30.2%	541	69	12.8%	912	181	19.8%
Other special activities	1,015	664	65.4%	1,858	305	16.4%	2,873	969	33.7%
Other	238	180	75.6%	368	88	23.9%	606	268	44.2%
Total	31,619	26,290	83%	21,290	7,049	33%	52,909	33,339	63%

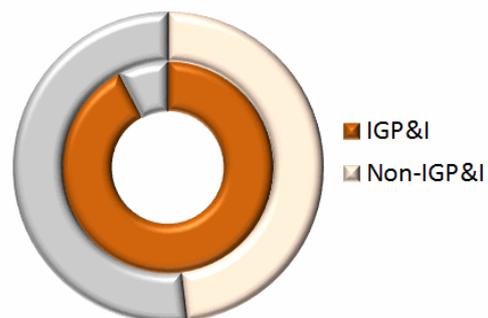
Table 123 - Gross tonnage (in 1000 t) of ships GT≥500 with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	53,665	52,441	97.7%	23,421	14,040	59.9%	77,086	66,481	86.2%
Refrigerated Cargo	2,636	2,532	96.1%	2,078	1,518	73.0%	4,714	4,050	85.9%
Heavy load	1,822	1,646	90.3%	106	43	40.1%	1,928	1,689	87.6%
Container	171,722	166,873	97.2%	5,899	4,292	72.8%	177,621	171,165	96.4%
Ro-Ro cargo	35,500	34,922	98.4%	2,545	1,393	54.8%	38,045	36,316	95.5%
Bulk Carrier	346,690	331,844	95.7%	19,152	9,402	49.1%	365,842	341,246	93.3%
Oil tanker	195,214	170,756	87.5%	15,853	7,459	47.0%	211,067	178,215	84.4%
Chemical tanker	41,703	38,529	92.4%	2,777	1,353	48.7%	44,480	39,881	89.7%
Combination carrier	1,859	1,838	98.9%	71	17	23.2%	1,930	1,855	96.1%
Gas carrier	49,280	41,888	85.0%	982	568	57.9%	50,261	42,456	84.5%
NLS Tanker	32,411	32,393	99.9%	358	342	95.6%	32,769	32,736	99.9%
High speed passenger craft	167	167	100.0%	66	66	100.0%	233	233	100.0%
Passenger Ship	17,644	17,431	98.8%	1,146	380	33.2%	18,789	17,811	94.8%
RoRo passenger ship	10,562	7,790	73.8%	4,877	1,008	20.7%	15,439	8,798	57.0%
Offshore supply	6,520	2,483	38.1%	3,269	530	16.2%	9,790	3,013	30.8%
Special purpose ship	1,567	1,180	75.3%	1,034	204	19.7%	2,602	1,384	53.2%
Tug	432	182	42.2%	523	83	15.8%	955	265	27.8%
Other special activities	19,684	8,851	45.0%	7,482	1,441	19.3%	27,166	10,292	37.9%
Other	5,541	4,856	87.6%	1,435	599	41.7%	6,976	5,455	78.2%
Total	994,619	918,604	92%	93,074	44,737	48%	1,087,693	963,340	89%

Graph 114 - Proportion of inspected ships GT≥500, by P&I status



Graph 115 - Proportion of gross tonnage for inspected ships GT≥500, by P&I status



MEDIUM SHIPS

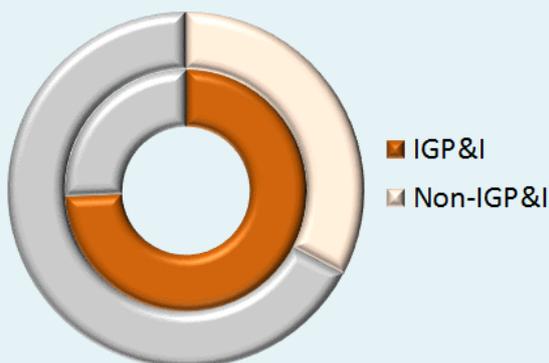
Table 124 - Total number of medium sized ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	3,607	3,366	93.3%	8,422	4,004	47.5%	12,029	7,370	61.3%
Refrigerated Cargo	334	310	92.8%	604	328	54.3%	938	638	68.0%
Heavy load	46	44	95.7%	10	4	40.0%	56	48	85.7%
Container	1,537	1,430	93.0%	581	352	60.6%	2,118	1,782	84.1%
Ro-Ro cargo	277	249	89.9%	314	116	36.9%	591	365	61.8%
Bulk Carrier	2,097	1,995	95.1%	615	388	63.1%	2,712	2,383	87.9%
Oil tanker	1,429	646	45.2%	2,300	332	14.4%	3,729	978	26.2%
Chemical tanker	2,248	2,009	89.4%	740	248	33.5%	2,988	2,257	75.5%
Combination carrier	17	16	94.1%	24	3	12.5%	41	19	46.3%
Gas carrier	655	535	81.7%	351	85	24.2%	1,006	620	61.6%
NLS Tanker	161	158	98.1%	38	24	63.2%	199	182	91.5%
High speed passenger craft	32	32	100.0%	16	16	100.0%	48	48	100.0%
Passenger Ship	231	111	48.1%	463	39	8.4%	694	150	21.6%
RoRo passenger ship	530	142	26.8%	1,186	76	6.4%	1,716	218	12.7%
Offshore supply	2,410	773	32.1%	1,986	268	13.5%	4,396	1,041	23.7%
Special purpose ship	149	108	72.5%	338	48	14.2%	487	156	32.0%
Tug	371	112	30.2%	541	69	12.8%	912	181	19.8%
Other special activities	770	535	69.5%	1,808	294	16.3%	2,578	829	32.2%
Other	133	84	63.2%	361	82	22.7%	494	166	33.6%
Total	17,034	12,655	74%	20,698	6,776	33%	37,732	19,431	51%

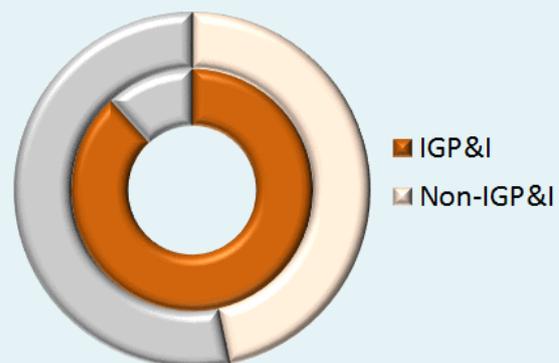
Table 125 - Gross tonnage (in 1000 t) of medium sized ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	28,989	27,969	96.5%	23,199	13,818	59.6%	52,188	41,787	80.1%
Refrigerated Cargo	2,603	2,499	96.0%	2,014	1,486	73.8%	4,617	3,985	86.3%
Heavy load	652	620	95.0%	106	43	40.1%	759	663	87.3%
Container	20,157	19,014	94.3%	4,302	2,906	67.6%	24,459	21,920	89.6%
Ro-Ro cargo	3,723	3,424	92.0%	2,002	879	43.9%	5,725	4,303	75.2%
Bulk Carrier	38,214	36,601	95.8%	8,138	5,084	62.5%	46,352	41,685	89.9%
Oil tanker	8,989	5,424	60.3%	5,648	1,181	20.9%	14,637	6,605	45.1%
Chemical tanker	20,854	19,465	93.3%	2,463	1,117	45.4%	23,317	20,582	88.3%
Combination carrier	147	126	85.9%	71	17	23.2%	218	143	65.5%
Gas carrier	4,919	4,141	84.2%	757	343	45.4%	5,676	4,484	79.0%
NLS Tanker	1,764	1,746	99.0%	132	116	87.9%	1,895	1,862	98.3%
High speed passenger craft	167	167	100.0%	66	66	100.0%	233	233	100.0%
Passenger Ship	1,106	974	88.0%	1,055	290	27.4%	2,161	1,263	58.4%
RoRo passenger ship	3,795	1,940	51.1%	4,389	709	16.2%	8,184	2,649	32.4%
Offshore supply	6,321	2,451	38.8%	3,088	530	17.2%	9,409	2,981	31.7%
Special purpose ship	925	716	77.4%	946	171	18.0%	1,871	886	47.4%
Tug	432	182	42.2%	523	83	15.8%	955	265	27.8%
Other special activities	3,624	2,776	76.6%	4,318	836	19.4%	7,942	3,612	45.5%
Other	965	695	72.0%	1,169	359	30.7%	2,134	1,054	49.4%
Total	148,346	130,930	88%	64,386	30,032	47%	212,732	160,963	76%

Graph 116 - Proportion of medium sized inspected ships, by P&I status



Graph 117 - Proportion of gross tonnage for medium sized inspected ships, by P&I status



LARGE SHIPS

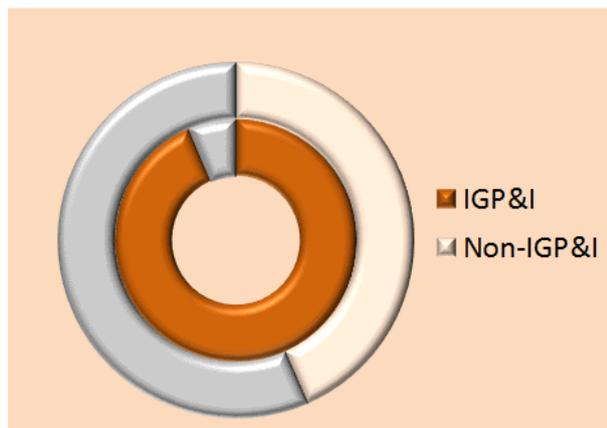
Table 126 - Total number of large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I			All Status			
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	
General cargo/Multipurpose	561	555	98.9%	7	7	100.0%	568	562	98.9%
Refrigerated Cargo	1	1	100.0%	2	1	50.0%	3	2	66.7%
Heavy load	28	26	92.9%				28	26	92.9%
Container	1,449	1,370	94.5%	32	26	81.3%	1,481	1,396	94.3%
Ro-Ro cargo	481	476	99.0%	6	5	83.3%	487	481	98.8%
Bulk Carrier	4,355	4,150	95.3%	319	108	33.9%	4,674	4,258	91.1%
Oil tanker	1,348	1,178	87.4%	44	22	50.0%	1,392	1,200	86.2%
Chemical tanker	711	651	91.6%	11	8	72.7%	722	659	91.3%
Combination carrier	15	15	100.0%				15	15	100.0%
Gas carrier	183	162	88.5%	3	3	100.0%	186	165	88.7%
NLS Tanker	188	188	100.0%	2	2	100.0%	190	190	100.0%
High speed passenger craft									
Passenger Ship	65	65	100.0%	3	3	100.0%	68	68	100.0%
RoRo passenger ship	188	159	84.6%	16	10	62.5%	204	169	82.8%
Offshore supply	5	1	20.0%	5		0.0%	10	1	10.0%
Special purpose ship	14	9	64.3%	2	1	50.0%	16	10	62.5%
Tug									
Other special activities	154	114	74.0%	20	6	30.0%	174	120	69.0%
Other	95	88	92.6%	7	6	85.7%	102	94	92.2%
Total	9,841	9,208	94%	479	208	43%	10,320	9,416	91%

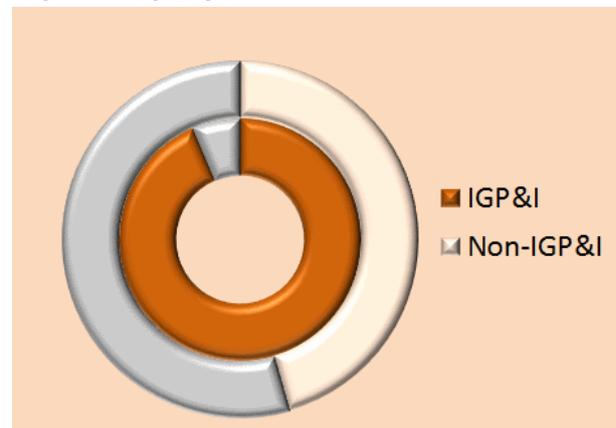
Table 127 - Gross tonnage (in 1000 t) of large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I			All Status			
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	
General cargo/Multipurpose	20,530	20,326	99.0%	222	222	100.0%	20,752	20,548	99.0%
Refrigerated Cargo	33	33	100.0%	64	32	50.0%	97	65	67.0%
Heavy load	1,017	934	91.9%				1,017	934	91.9%
Container	56,281	53,340	94.8%	1,224	1,012	82.7%	57,505	54,352	94.5%
Ro-Ro cargo	22,980	22,831	99.4%	259	231	89.1%	23,239	23,062	99.2%
Bulk Carrier	160,327	152,575	95.2%	10,355	3,723	36.0%	170,681	156,298	91.6%
Oil tanker	55,541	49,055	88.3%	1,593	807	50.6%	57,134	49,862	87.3%
Chemical tanker	20,849	19,064	91.4%	314	236	75.1%	21,163	19,299	91.2%
Combination carrier	460	460	100.0%				460	460	100.0%
Gas carrier	8,171	7,217	88.3%	131	131	100.0%	8,302	7,348	88.5%
NLS Tanker	7,502	7,502	100.0%	66	66	100.0%	7,568	7,568	100.0%
High speed passenger craft									
Passenger Ship	2,655	2,655	100.0%	90	90	100.0%	2,745	2,745	100.0%
RoRo passenger ship	6,489	5,572	85.9%	488	299	61.2%	6,976	5,871	84.2%
Offshore supply	139	32	23.0%	181		0.0%	320	32	10.0%
Special purpose ship	518	340	65.7%	88	34	38.0%	606	374	61.6%
Tug									
Other special activities	6,616	4,602	69.6%	867	259	29.8%	7,483	4,861	65.0%
Other	3,958	3,673	92.8%	266	240	90.3%	4,224	3,912	92.6%
Total	374,065	350,210	94%	16,208	7,381	46%	390,273	357,590	92%

Graph 118 - Proportion of large inspected ships, by P&I status



Graph 119 - Proportion of gross tonnage for large inspected ships, by P&I status



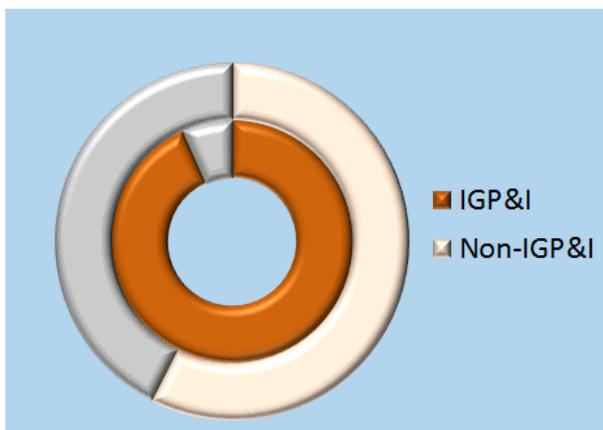
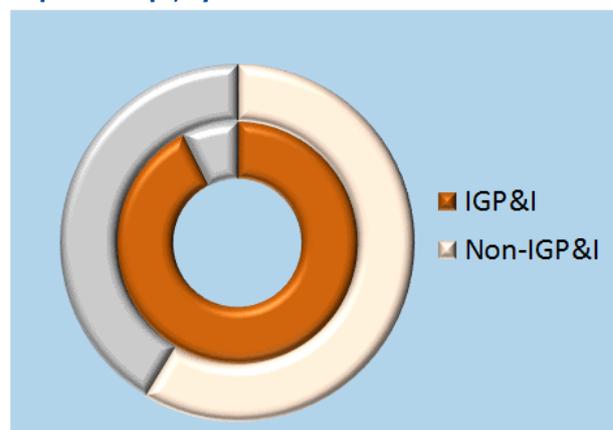
VERY LARGE SHIPS

Table 128 - Total number of very large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	53	53	100.0%				53	53	100.0%
Refrigerated Cargo									
Heavy load	2	1	50.0%				2	1	50.0%
Container	1,016	1,008	99.2%	5	5	100.0%	1,021	1,013	99.2%
Ro-Ro cargo	136	134	98.5%	4	4	100.0%	140	138	98.6%
Bulk Carrier	1,516	1,466	96.7%	9	8	88.9%	1,525	1,474	96.7%
Oil tanker	1,243	1,120	90.1%	63	41	65.1%	1,306	1,161	88.9%
Chemical tanker									
Combination carrier	14	14	100.0%				14	14	100.0%
Gas carrier	336	283	84.2%	1	1	100.0%	337	284	84.3%
NLS Tanker	178	178	100.0%	1	1	100.0%	179	179	100.0%
High speed passenger craft									
Passenger Ship	142	141	99.3%				142	141	99.3%
RoRo passenger ship	4	4	100.0%				4	4	100.0%
Offshore supply	1		0.0%				1		#VALUE!
Special purpose ship	2	2	100.0%				2	2	100.0%
Tug									
Other special activities	91	15	16.5%	30	5	16.7%	121	20	16.5%
Other	10	8	80.0%				10	8	80.0%
Total	4,744	4,427	93%	113	65	58%	4,857	4,492	92%

Table 129 - Gross tonnage (in 1000 t) of very large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	4,146	4,146	100.0%				4,146	4,146	100.0%
Refrigerated Cargo									
Heavy load	153	92	60.0%				153	92	60.0%
Container	95,284	94,519	99.2%	373	373	100.0%	95,657	94,892	99.2%
Ro-Ro cargo	8,798	8,667	98.5%	284	284	100.0%	9,081	8,951	98.6%
Bulk Carrier	148,149	142,668	96.3%	659	595	90.2%	148,808	143,263	96.3%
Oil tanker	130,684	116,277	89.0%	8,612	5,471	63.5%	139,296	121,748	87.4%
Chemical tanker									
Combination carrier	1,252	1,252	100.0%				1,252	1,252	100.0%
Gas carrier	36,190	30,531	84.4%	94	94	100.0%	36,284	30,624	84.4%
NLS Tanker	23,145	23,145	100.0%	160	160	100.0%	23,306	23,306	100.0%
High speed passenger craft									
Passenger Ship	13,883	13,802	99.4%				13,883	13,802	99.4%
RoRo passenger ship	278	278	100.0%				278	278	100.0%
Offshore supply	60		0.0%				60		#VALUE!
Special purpose ship	124	124	100.0%				124	124	100.0%
Tug									
Other special activities	9,444	1,473	15.6%	2,297	346	15.1%	11,741	1,819	15.5%
Other	618	489	79.1%				618	489	79.1%
Total	472,208	437,464	93%	12,480	7,324	59%	484,688	444,787	92%

Graph 120 - Proportion of very large inspected ships, by P&I status**Graph 121 - Proportion of gross tonnage for very large inspected ships, by P&I status**

5.4. SHIPS INSPECTED BETWEEN 2011 AND 2013 – BY FLAG

WHOLE FLEET GT≥500

Table 130 - Total number of ships GT≥500 with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags			All Flags			
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	
General cargo/Multipurpose	6,627	4,192	63.3%	6,023	3,793	63.0%	12,650	7,985	63.1%
Refrigerated Cargo	358	255	71.2%	583	385	66.0%	941	640	68.0%
Heavy load	17	17	100.0%	69	58	84.1%	86	75	87.2%
Container	1,542	1,376	89.2%	3,078	2,815	91.5%	4,620	4,191	90.7%
Ro-Ro cargo	469	391	83.4%	749	593	79.2%	1,218	984	80.8%
Bulk Carrier	3,669	3,532	96.3%	5,242	4,583	87.4%	8,911	8,115	91.1%
Oil tanker	1,923	835	43.4%	4,504	2,504	55.6%	6,427	3,339	52.0%
Chemical tanker	1,133	888	78.4%	2,577	2,028	78.7%	3,710	2,916	78.6%
Combination carrier	7	7	100.0%	63	41	65.1%	70	48	68.6%
Gas carrier	453	297	65.6%	1,076	772	71.7%	1,529	1,069	69.9%
NLS Tanker	110	106	96.4%	458	445	97.2%	568	551	97.0%
High speed passenger craft	14	14	100.0%	34	34	100.0%	48	48	100.0%
Passenger Ship	243	99	40.7%	661	260	39.3%	904	359	39.7%
RoRo passenger ship	461	78	16.9%	1,463	313	21.4%	1,924	391	20.3%
Offshore supply	1,193	275	23.1%	3,214	767	23.9%	4,407	1,042	23.6%
Special purpose ship	97	51	52.6%	408	117	28.7%	505	168	33.3%
Tug	143	36	25.2%	769	145	18.9%	912	181	19.8%
Other special activities	704	353	50.1%	2,169	616	28.4%	2,873	969	33.7%
Other	209	120	57.4%	397	148	37.3%	606	268	44.2%
Total	19,372	12,922	67%	33,537	20,417	61%	52,909	33,339	63%

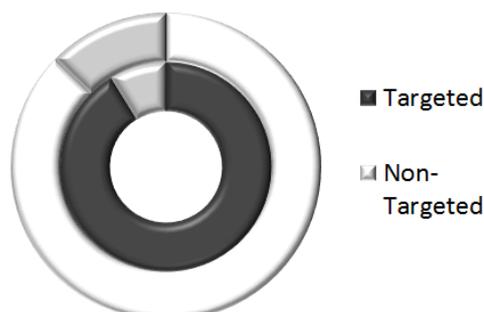
Table 131 - Gross tonnage (in 1000 t) of ships GT≥500 with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags			All Flags			
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	
General cargo/Multipurpose	32,913	28,088	85.3%	44,173	38,393	86.9%	77,086	66,481	86.2%
Refrigerated Cargo	1,484	1,281	86.3%	3,229	2,769	85.7%	4,714	4,050	85.9%
Heavy load	338	338	100.0%	1,590	1,351	84.9%	1,928	1,689	87.6%
Container	49,577	48,215	97.3%	128,044	122,949	96.0%	177,621	171,165	96.4%
Ro-Ro cargo	14,346	13,920	97.0%	23,699	22,396	94.5%	38,045	36,316	95.5%
Bulk Carrier	140,944	136,544	96.9%	224,899	204,702	91.0%	365,842	341,246	93.3%
Oil tanker	46,082	38,075	82.6%	164,985	140,140	84.9%	211,067	178,215	84.4%
Chemical tanker	11,052	9,849	89.1%	33,428	30,032	89.8%	44,481	39,881	89.7%
Combination carrier	138	138	100.0%	1,792	1,717	95.8%	1,930	1,855	96.1%
Gas carrier	9,425	7,275	77.2%	40,836	35,181	86.2%	50,261	42,456	84.5%
NLS Tanker	4,787	4,779	99.8%	27,982	27,957	99.9%	32,769	32,736	99.9%
High speed passenger craft	52	52	100.0%	181	181	100.0%	233	233	100.0%
Passenger Ship	5,712	5,297	92.7%	13,077	12,514	95.7%	18,789	17,811	94.8%
RoRo passenger ship	2,283	1,222	53.5%	13,155	7,576	57.6%	15,438	8,799	57.0%
Offshore supply	2,261	651	28.8%	7,529	2,362	31.4%	9,789	3,013	30.8%
Special purpose ship	662	499	75.5%	1,941	885	45.6%	2,603	1,384	53.2%
Tug	140	47	33.8%	814	218	26.8%	954	265	27.8%
Other special activities	7,418	4,610	62.1%	19,748	5,682	28.8%	27,166	10,292	37.9%
Other	3,099	2,741	88.4%	3,878	2,714	70.0%	6,977	5,455	78.2%
Total	332,713	303,621	91%	754,981	659,720	87%	1,087,694	963,341	89%

Graph 122 - Proportion of inspected ships GT≥500, by flag



Graph 123 - Proportion of gross tonnage for inspected ships GT≥500, by flag



MEDIUM SIZED SHIPS

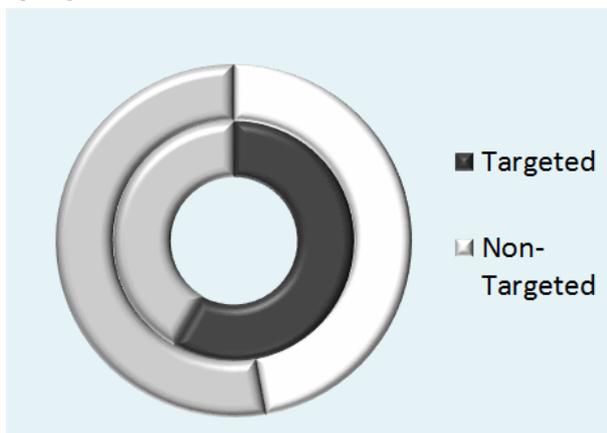
Table 132 - Total number of medium sized ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	6,443	4,008	62.2%	5,586	3,362	60.2%	12,029	7,370	61.3%
Refrigerated Cargo	358	255	71.2%	580	383	66.0%	938	638	68.0%
Heavy load	11	11	100.0%	45	37	82.2%	56	48	85.7%
Container	905	748	82.7%	1,213	1,034	85.2%	2,118	1,782	84.1%
Ro-Ro cargo	236	158	66.9%	355	207	58.3%	591	365	61.8%
Bulk Carrier	1,380	1,311	95.0%	1,332	1,072	80.5%	2,712	2,383	87.9%
Oil tanker	1,366	352	25.8%	2,363	626	26.5%	3,729	978	26.2%
Chemical tanker	1,007	778	77.3%	1,981	1,479	74.7%	2,988	2,257	75.5%
Combination carrier	4	4	100.0%	37	15	40.5%	41	19	46.3%
Gas carrier	344	207	60.2%	662	413	62.4%	1,006	620	61.6%
NLS Tanker	53	49	92.5%	146	133	91.1%	199	182	91.5%
High speed passenger craft	14	14	100.0%	34	34	100.0%	48	48	100.0%
Passenger Ship	181	37	20.4%	513	113	22.0%	694	150	21.6%
RoRo passenger ship	442	60	13.6%	1,274	158	12.4%	1,716	218	12.7%
Offshore supply	1,190	275	23.1%	3,206	766	23.9%	4,396	1,041	23.7%
Special purpose ship	88	43	48.9%	399	113	28.3%	487	156	32.0%
Tug	143	36	25.2%	769	145	18.9%	912	181	19.8%
Other special activities	595	273	45.9%	1,983	556	28.0%	2,578	829	32.2%
Other	153	66	43.1%	341	100	29.3%	494	166	33.6%
Total	14,913	8,685	58%	22,819	10,746	47%	37,732	19,431	51%

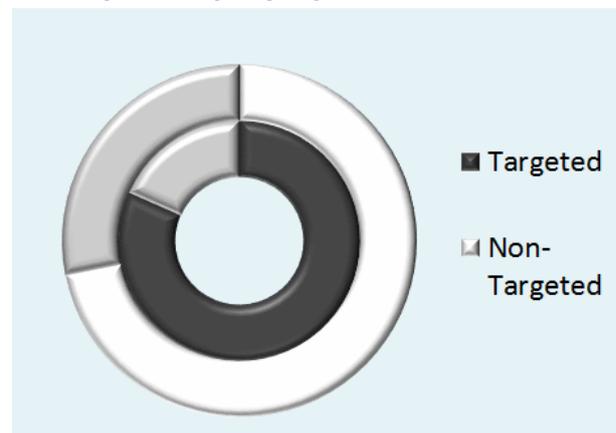
Table 133 - Gross tonnage (in 1000 t) of medium sized ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	25,703	20,878	81.2%	26,486	20,909	78.9%	52,189	41,787	80.1%
Refrigerated Cargo	1,484	1,281	86.3%	3,132	2,704	86.3%	4,616	3,985	86.3%
Heavy load	137	137	100.0%	622	526	84.6%	759	663	87.3%
Container	9,362	8,402	89.7%	15,097	13,518	89.5%	24,459	21,920	89.6%
Ro-Ro cargo	1,952	1,526	78.2%	3,773	2,777	73.6%	5,725	4,303	75.2%
Bulk Carrier	22,074	21,495	97.4%	24,279	20,190	83.2%	46,353	41,685	89.9%
Oil tanker	4,687	1,822	38.9%	9,949	4,783	48.1%	14,637	6,605	45.1%
Chemical tanker	7,394	6,648	89.9%	15,923	13,933	87.5%	23,317	20,581	88.3%
Combination carrier	32	32	100.0%	186	111	59.6%	218	143	65.5%
Gas carrier	1,755	1,270	72.3%	3,920	3,214	82.0%	5,676	4,484	79.0%
NLS Tanker	411	403	97.9%	1,484	1,459	98.3%	1,895	1,862	98.3%
High speed passenger craft	52	52	100.0%	181	181	100.0%	233	233	100.0%
Passenger Ship	700	284	40.6%	1,462	979	67.0%	2,161	1,263	58.4%
RoRo passenger ship	1,708	675	39.5%	6,475	1,975	30.5%	8,183	2,650	32.4%
Offshore supply	2,175	651	29.9%	7,234	2,330	32.2%	9,409	2,981	31.7%
Special purpose ship	322	202	62.5%	1,549	685	44.2%	1,872	886	47.3%
Tug	140	47	33.8%	814	218	26.8%	954	265	27.8%
Other special activities	1,734	1,115	64.3%	6,208	2,498	40.2%	7,942	3,613	45.5%
Other	684	426	62.3%	1,450	628	43.3%	2,135	1,054	49.4%
Total	82,507	67,345	82%	130,225	93,618	72%	212,732	160,963	76%

Graph 124 - Proportion of medium sized inspected ships, by flag



Graph 125 - Proportion of gross tonnage for medium sized inspected ships, by flag



LARGE SHIPS

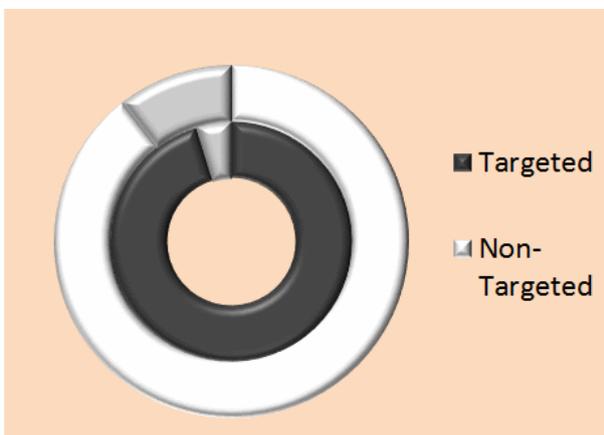
Table 134 - Total number of large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	174	174	100.0%	394	388	98.5%	568	562	98.9%
Refrigerated Cargo				3	2	66.7%	3	2	66.7%
Heavy load	6	6	100.0%	22	20	90.9%	28	26	92.9%
Container	350	342	97.7%	1,131	1,054	93.2%	1,481	1,396	94.3%
Ro-Ro cargo	179	179	100.0%	308	302	98.1%	487	481	98.8%
Bulk Carrier	1,686	1,638	97.2%	2,988	2,620	87.7%	4,674	4,258	91.1%
Oil tanker	323	276	85.4%	1,069	924	86.4%	1,392	1,200	86.2%
Chemical tanker	126	110	87.3%	596	549	92.1%	722	659	91.3%
Combination carrier	3	3	100.0%	12	12	100.0%	15	15	100.0%
Gas carrier	62	56	90.3%	124	109	87.9%	186	165	88.7%
NLS Tanker	37	37	100.0%	153	153	100.0%	190	190	100.0%
High speed passenger craft									
Passenger Ship	21	21	100.0%	47	47	100.0%	68	68	100.0%
RoRo passenger ship	19	18	94.7%	185	151	81.6%	204	169	82.8%
Offshore supply	3		0.0%	7	1	14.3%	10	1	10.0%
Special purpose ship	9	8	88.9%	7	2	28.6%	16	10	62.5%
Tug									
Other special activities	88	72	81.8%	86	48	55.8%	174	120	69.0%
Other	50	48	96.0%	52	46	88.5%	102	94	92.2%
Total	3,136	2,988	95%	7,184	6,428	89%	10,320	9,416	91%

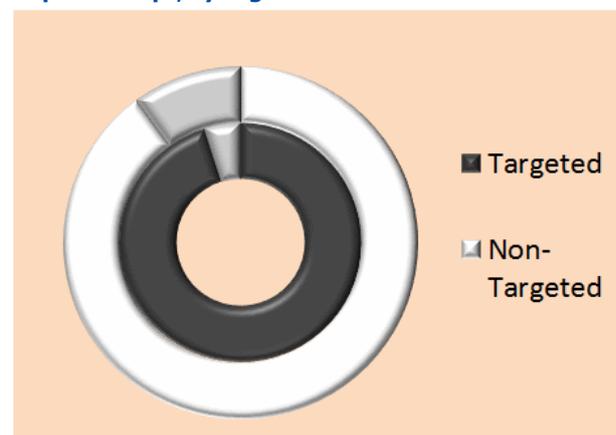
Table 135 - Gross tonnage (in 1000 t) of large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	6,425	6,425	100.0%	14,326	14,122	98.6%	20,752	20,548	99.0%
Refrigerated Cargo				97	65	67.0%	97	65	67.0%
Heavy load	201	201	100.0%	816	733	89.9%	1,017	934	91.9%
Container	13,582	13,279	97.8%	43,923	41,073	93.5%	57,505	54,352	94.5%
Ro-Ro cargo	8,920	8,920	100.0%	14,318	14,142	98.8%	23,239	23,062	99.2%
Bulk Carrier	61,797	59,903	96.9%	108,884	96,395	88.5%	170,681	156,298	91.6%
Oil tanker	12,684	10,904	86.0%	44,451	38,958	87.6%	57,134	49,862	87.3%
Chemical tanker	3,658	3,201	87.5%	17,506	16,099	92.0%	21,163	19,299	91.2%
Combination carrier	106	106	100.0%	354	354	100.0%	460	460	100.0%
Gas carrier	2,797	2,518	90.0%	5,505	4,830	87.7%	8,302	7,348	88.5%
NLS Tanker	1,532	1,532	100.0%	6,035	6,035	100.0%	7,568	7,568	100.0%
High speed passenger craft									
Passenger Ship	884	884	100.0%	1,862	1,862	100.0%	2,745	2,745	100.0%
RoRo passenger ship	575	548	95.3%	6,402	5,323	83.1%	6,976	5,871	84.2%
Offshore supply	86		0.0%	235	32	13.7%	320	32	10.0%
Special purpose ship	339	298	87.8%	267	76	28.5%	606	374	61.6%
Tug									
Other special activities	3,694	2,942	79.7%	3,789	1,918	50.6%	7,483	4,861	65.0%
Other	2,047	1,947	95.1%	2,177	1,965	90.3%	4,224	3,912	92.6%
Total	119,327	113,608	95%	270,946	243,982	90%	390,273	357,590	92%

Graph 126 - Proportion of large inspected ships, by flag



Graph 127 - Proportion of gross tonnage for large inspected ships, by flag



VERY LARGE SHIPS

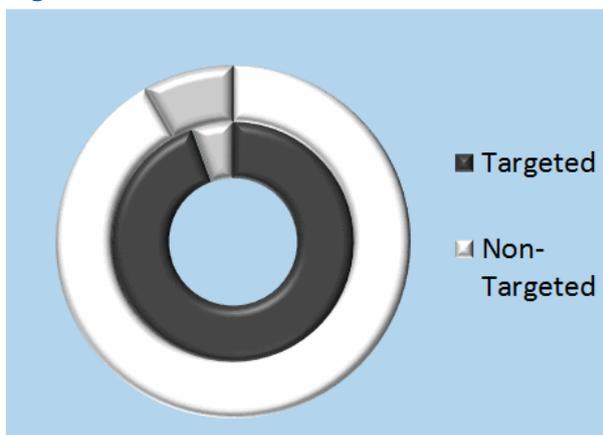
Table 136 - Total number of very large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	10	10	100.0%	43	43	100.0%	53	53	100.0%
Refrigerated Cargo									
Heavy load				2	1	50.0%	2	1	50.0%
Container	287	286	99.7%	734	727	99.0%	1,021	1,013	99.2%
Ro-Ro cargo	54	54	100.0%	86	84	97.7%	140	138	98.6%
Bulk Carrier	603	583	96.7%	922	891	96.6%	1,525	1,474	96.7%
Oil tanker	234	207	88.5%	1,072	954	89.0%	1,306	1,161	88.9%
Chemical tanker									
Combination carrier				14	14	100.0%	14	14	100.0%
Gas carrier	47	34	72.3%	290	250	86.2%	337	284	84.3%
NLS Tanker	20	20	100.0%	159	159	100.0%	179	179	100.0%
High speed passenger craft									
Passenger Ship	41	41	100.0%	101	100	99.0%	142	141	99.3%
RoRo passenger ship				4	4	100.0%	4	4	100.0%
Offshore supply				1		0.0%	1		#VALUE!
Special purpose ship				2	2	100.0%	2	2	100.0%
Tug									
Other special activities	21	8	38.1%	100	12	12.0%	121	20	16.5%
Other	6	6	100.0%	4	2	50.0%	10	8	80.0%
Total	1,323	1,249	94%	3,534	3,243	92%	4,857	4,492	92%

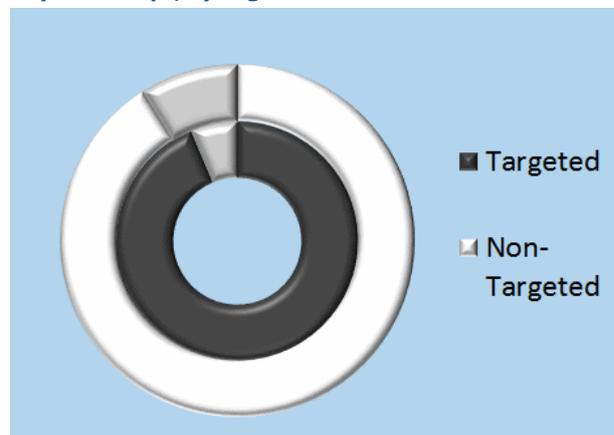
Table 137 - Gross tonnage (in 1000 t) of very large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	785	785	100.0%	3,361	3,361	100.0%	4,146	4,146	100.0%
Refrigerated Cargo									
Heavy load				153	92	60.0%	153	92	60.0%
Container	26,633	26,534	99.6%	69,024	68,359	99.0%	95,657	94,892	99.2%
Ro-Ro cargo	3,474	3,474	100.0%	5,608	5,477	97.7%	9,081	8,951	98.6%
Bulk Carrier	57,073	55,146	96.6%	91,735	88,117	96.1%	148,808	143,263	96.3%
Oil tanker	28,711	25,349	88.3%	110,585	96,399	87.2%	139,296	121,748	87.4%
Chemical tanker									
Combination carrier				1,252	1,252	100.0%	1,252	1,252	100.0%
Gas carrier	4,873	3,487	71.6%	31,411	27,137	86.4%	36,284	30,624	84.4%
NLS Tanker	2,843	2,843	100.0%	20,462	20,462	100.0%	23,306	23,306	100.0%
High speed passenger craft									
Passenger Ship	4,129	4,129	100.0%	9,754	9,673	99.2%	13,883	13,802	99.4%
RoRo passenger ship				278	278	100.0%	278	278	100.0%
Offshore supply				60		0.0%	60		#VALUE!
Special purpose ship				124	124	100.0%	124	124	100.0%
Tug									
Other special activities	1,991	553	27.8%	9,750	1,266	13.0%	11,741	1,819	15.5%
Other	367	367	100.0%	250	121	48.4%	618	489	79.1%
Total	130,879	122,668	94%	353,809	322,119	91%	484,688	444,787	92%

Graph 128 - Proportion of very large inspected ships, by flag



Graph 129 - Proportion of gross tonnage for very large inspected ships, by flag



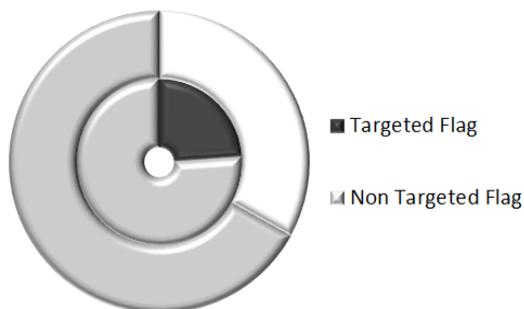
5.5. PSC RECORDS OF RECOGNISED ORGANISATIONS

WHOLE FLEET GT≥500

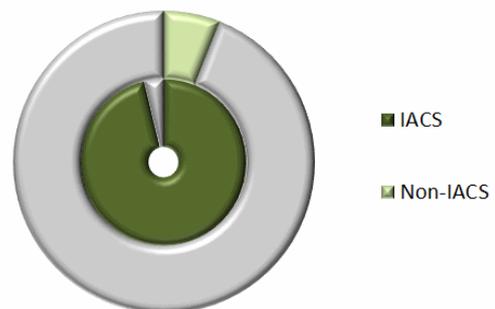
Table 138 - Total number of inspections with statutory certificates for ships GT≥500, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	32,647	8,312	7,378	30,016	3,776
Refrigerated Cargo	1,356	321	562	1,333	58
Heavy load	269	96	132	268	5
Container	8,327	2,002	3,500	8,282	93
Ro-Ro cargo	2,274	692	1,170	2,231	106
Bulk Carrier	21,430	6,562	7,700	21,204	735
Oil tanker	5,127	971	2,914	5,034	182
Chemical tanker	6,327	1,458	2,950	6,300	125
Combination carrier	117	5	41	111	8
Gas carrier	1,551	312	759	1,532	36
NLS Tanker	5,945	60	196	5,932	18
High speed passenger craft	157	46	59	152	5
Passenger Ship	1,740	199	544	1,715	32
RoRo passenger ship	1,551	230	981	1,524	36
Offshore supply	1,401	233	824	1,381	79
Special purpose ship	266	59	136	252	10
Tug	202	39	128	192	18
Other special activities	1,815	405	676	1,692	168
Other	1,348	404	428	1,196	164
Total	93,850	22,406	31,078	90,347	5,654

Graph 130 - Total number of inspection with statutory certificates for ships GT≥500, by flag issuer



Graph 131 - Total number of inspection with statutory certificates for ships GT≥500, by recognised organisations

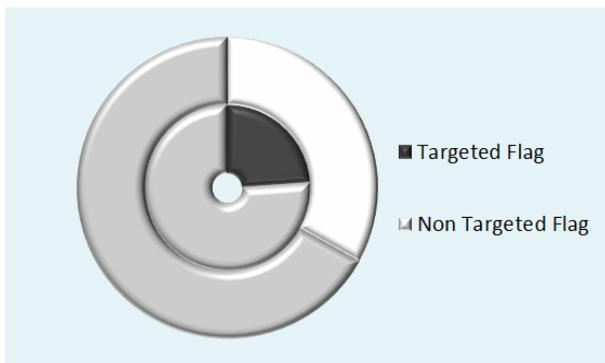


MEDIUM SIZED SHIPS

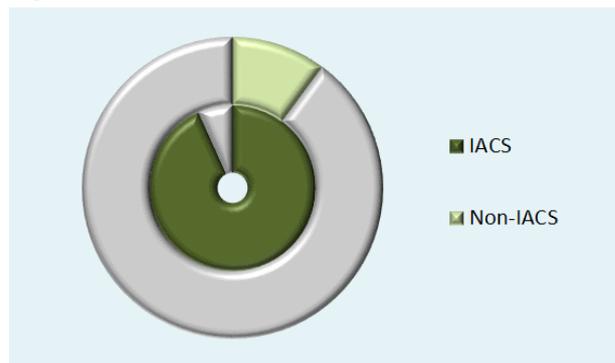
Table 139 - Total number of inspections with statutory certificates for medium sized ships, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	24,119	8,201	7,012	21,502	3,755
Refrigerated Cargo	1,352	321	560	1,329	58
Heavy load	217	87	108	216	5
Container	3,134	1,107	1,128	3,117	49
Ro-Ro cargo	936	304	456	896	80
Bulk Carrier	7,018	2,194	2,105	6,870	448
Oil tanker	1,255	323	658	1,174	129
Chemical tanker	4,689	1,269	2,132	4,665	108
Combination carrier	51	3	18	47	4
Gas carrier	991	260	449	972	33
NLS Tanker	1,947	43	124	1,935	15
High speed passenger craft	156	46	58	151	5
Passenger Ship	477	74	205	455	28
RoRo passenger ship	731	174	383	704	34
Offshore supply	1,400	233	823	1,380	79
Special purpose ship	250	50	134	236	10
Tug	202	39	128	192	18
Other special activities	1,422	269	618	1,299	167
Other	421	183	143	274	159
Total	50,768	15,180	17,242	47,414	5,184

Graph 132 -Total number of inspection with statutory certificates for medium sized ships, by flag issuer



Graph 133 - Total number of inspection with statutory certificates for medium sized ships, by recognised organisations

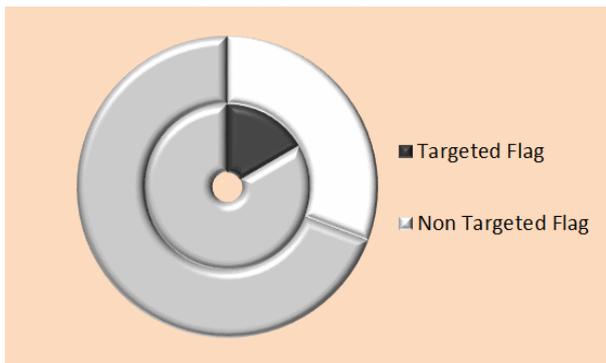


LARGE SHIPS

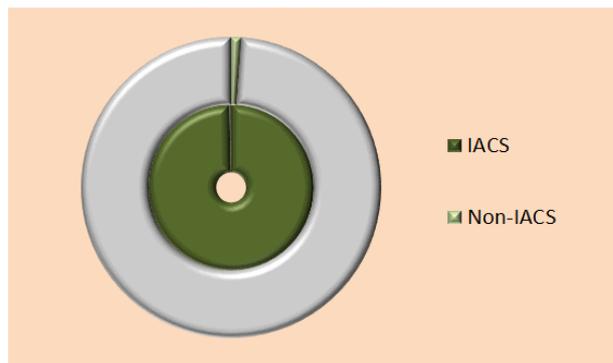
Table 140 - Total number of inspections with statutory certificates for large ships, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	7,307	110	363	7,296	19
Refrigerated Cargo	4		2	4	
Heavy load	49	9	23	49	
Container	3,233	573	1,478	3,219	26
Ro-Ro cargo	1,063	303	561	1,061	21
Bulk Carrier	10,926	3,198	4,153	10,870	210
Oil tanker	2,226	399	1,240	2,220	31
Chemical tanker	1,638	189	818	1,635	17
Combination carrier	41	2	10	40	3
Gas carrier	207	39	111	207	3
NLS Tanker	2,707	11	46	2,706	3
High speed passenger craft	1		1	1	
Passenger Ship	429	66	140	426	3
RoRo passenger ship	798	56	580	798	2
Offshore supply	1		1	1	
Special purpose ship	15	9	2	15	
Tug					
Other special activities	354	130	55	354	1
Other	679	173	166	675	4
Total	31,678	5,267	9,750	31,577	343

Graph 134 -Total number of inspection with statutory certificates for large ships, by flag issuer



Graph 135 - Total number of inspection with statutory certificates for large ships, by recognised organisations

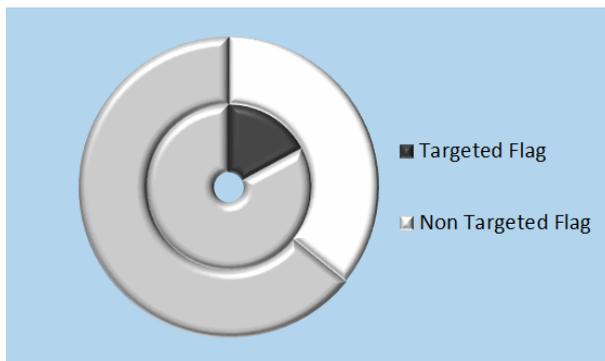


VERY LARGE SHIPS

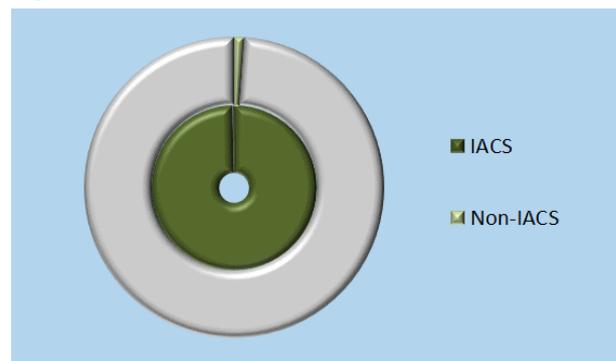
Table 141 - Total number of inspections with statutory certificates for very large ships, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	1,221	1	3	1,218	2
Refrigerated Cargo					
Heavy load	3		1	3	
Container	1,960	322	894	1,946	18
Ro-Ro cargo	275	85	153	274	5
Bulk Carrier	3,486	1,170	1,442	3,464	77
Oil tanker	1,646	249	1,016	1,640	22
Chemical tanker					
Combination carrier	25		13	24	1
Gas carrier	353	13	199	353	
NLS Tanker	1,291	6	26	1,291	
High speed passenger craft					
Passenger Ship	834	59	199	834	1
RoRo passenger ship	22		18	22	
Offshore supply					
Special purpose ship	1			1	
Tug					
Other special activities	39	6	3	39	
Other	248	48	119	247	1
Total	11,404	1,959	4,086	11,356	127

Graph 136 - Total number of inspection with statutory certificates for very large ships, by flag issuer



Graph 137 - Total number of inspection with statutory certificates for very large ships, by recognised organisations



5.6. STATUTORY CERTIFICATES

Table 142 - Total number of inspections with statutory certificates for all ships, by type of certificates and issuer

Group of Certificates	Inspections	Flags as issuer		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
ITC	43,739	4,896	6,147	30,844	1,852
Load Lines	62,384	585	1,768	56,514	3,517
SOLAS/STCW	52,284	21,982	29,956	268	78
SOLAS - ISM	60,660	1,731	9,594	49,485	4,155
SOLAS - ISPS	56,232	7,162	9,805	36,065	3,200
SOLAS - IMDG	13,024	77	1,136	11,720	91
SOLAS - GC	167		9	154	4
SOLAS - IGC	863	1	30	829	3
SOLAS - HSC	148	1	29	118	
SOLAS - MODU	36	2	2	32	
SOLAS - SPS	225		79	144	2
SOLAS - PSCC	2,353	112	954	1,254	33
SOLAS - CSS	59,430	1,774	4,292	52,723	3,234
SOLAS - CSR	9,708	4,090	5,551	44	23
SOLAS - INF	170		3	158	9
AFS	43,156	263	1,385	39,887	1,621
Ballast WM	137		1	136	
CLC	6,123	2,060	3,972	66	25
BUNKER	21,115	8,385	12,481	168	81
MARPOL - IAPP	54,244	338	1,869	49,688	2,349
MARPOL - IOPP	61,261	473	2,704	54,698	3,386
MARPOL - ISPP	48,282	573	2,035	43,456	2,218
MARPOL - EIAPP	1,116	12	45	1,038	21
MARPOL - IBC	3,983	16	78	3,871	18
MARPOL - NLS	822	2	58	752	10
MARPOL - BCH	729	7	18	697	7
Other	6,009	411	1,180	4,354	285
Overall	63,385	22,657	31,879	91,551	6,041

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 detailed in Annex V.

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 these 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 in the database 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 makeup 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), USCG and Viña del Mar MoU in 2013.

RESULTS

Table 143 indicates that the majority of ships are not covered by the trade associations and/or industry vetting programmes providing data to Equasis, with the exception of OCIMF that covers about 66% of the total ships of the relevant categories (see annex V) and about 90% in tonnage.

Tables 145 to 148 suggest that the ship categories in the medium, large and very large size categories covered by one of the trade associations and industry vetting programs are less inspected in the five regimes providing data to Equasis than those ships which are outside the trade associations.

The same tables indicate that ships who are members of a trade association or industry vetting programme were detained less often than those that were not members. For example the detention rate of OCMIF ships in all ship size categories (table 145) was 1.3% compared with 7% for those who are not members (and of the targeted ship types as described in Annex V). It is a similar picture for ships that are members of Intercargo, Green Award and CDI.

Table 149 shows that just over a half (51%) of the companies included in the data collected by Equasis operate just one ship. 84% operate five or fewer ships, although these companies account for 30.3% of the fleet over 500GT by number.

Graph 139 reveals that ships operated by larger companies had a much lower detention rate than those operated by smaller companies. Table 150 shows that companies with more than 100 ships have a detention rate around 2%, while one-ship and two-ship companies had rates of 10.62% and 7.66% respectively.

6.1. SCHEME STATUS

Table 143 - 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	826	6,648	1,258	1,240	855	974	2,939	8,862
% of Total	28.1%	75.0%	42.8%	14.0%	29.1%	11.0%		
Intercargo	232	14,952	571	4,611	283	1,263	1,086	20,826
% of Total	21.4%	71.8%	52.6%	22.1%	26.1%	6.1%		
InterManager	90	21,534	68	7,415	27	3,000	185	31,949
% of Total	48.6%	67.4%	36.8%	23.2%	14.6%	9.4%		
Green Award	9	10,939	51	7,428	181	3,178	241	21,545
% of Total	3.7%	50.8%	21.2%	34.5%	75.1%	14.8%		
CDI	1,125	2,209	169	756	0	0	1,294	2,965
% of Total	86.9%	74.5%	13.1%	25.5%	0.0%	0.0%		
OCIMF	3,744	3,730	2,271	227	1,719	110	7,734	4,067
% of Total	48.4%	91.7%	29.4%	5.6%	22.2%	2.7%		

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

Table 144 - 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	10,554	34,139	47,432	46,845	88,167	111,063	146,153	192,047
% of Total	7.2%	17.8%	32.5%	24.4%	60.3%	57.8%		
Intercargo	4,507	96,444	20,653	168,435	27,604	122,422	52,764	387,301
% of Total	8.5%	24.9%	39.1%	43.5%	52.3%	31.6%		
InterManager	747	138,911	2,353	272,296	2,328	309,680	5,428	720,887
% of Total	13.8%	19.3%	43.3%	37.8%	42.9%	43.0%		
Green Award	209	95,558	2,495	274,331	18,315	329,820	21,019	699,709
% of Total	1.0%	13.7%	11.9%	39.2%	87.1%	47.1%		
CDI	10,388	16,393	4,860	22,259	0	0	15,248	38,652
% of Total	68.1%	42.4%	31.9%	57.6%	0.0%	0.0%		
OCIMF	31,047	13,645	86,309	7,968	185,922	13,308	303,278	34,921
% of Total	10.2%	39.1%	28.5%	22.8%	61.3%	38.1%		

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

6.2. SAFETY PERFORMANCE

WHOLE FLEET GT≥500

Table 145 - Safety performance of ships, by inspections and detentions rates^(*)

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1.0%	2.6%	2.0%	44	188	232	4,230	7,245	11,475
in % of total				19.0%	81.0%		36.9%	63.1%	
Intercargo	2.3%	5.7%	5.5%	66	2,128	2,194	2,888	37,198	40,086
in % of total				3.0%	97.0%		7.2%	92.8%	
Intermanager	3.4%	4.8%	4.8%	12	2,379	2,391	352	49,796	50,148
in % of total				0.5%	99.50%		0.7%	99.3%	
Green Award	0.4%	3.4%	3.3%	1	1,130	1,131	258	33,600	33,858
in % of total				0.1%	99.91%		0.8%	99.2%	
CDI	1.2%	3.0%	2.2%	31	103	134	2,655	3,433	6,088
in % of total				23.1%	76.9%		43.6%	56.4%	
OCIMF	1.3%	7.0%	2.0%	125	107	232	9,944	1,531	11,475
in % of total				53.9%	46.1%		86.7%	13.3%	

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

MEDIUM SIZED SHIPS

Table 146 - Safety performance of medium sized⁽¹⁾ ships, by inspections and detentions rates^(*)

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1.3%	3.3%	2.9%	16	156	172	1,262	4,671	5,933
in % of total				9.3%	90.7%		21.3%	78.7%	
Intercargo	3.0%	6.8%	6.7%	22	1,634	1,656	739	23,935	24,674
in % of total				1.3%	98.7%		3.0%	97.0%	
Intermanager	2.8%	6.1%	6.1%	5	1,795	1,800	179	29,550	29,729
in % of total				0.3%	99.72%		0.6%	99.4%	
Green Award	0.0%	4.1%	4.1%	0	550	550	9	13,567	13,576
in % of total				0.0%	100%		0.1%	99.9%	
CDI	1.1%	4.2%	2.6%	26	91	117	2,281	2,148	4,429
in % of total				22.2%	77.8%		51.5%	48.5%	
OCIMF	1.7%	6.9%	2.9%	80	92	172	4,605	1,328	5,933
in % of total				46.5%	53.5%		77.6%	22.4%	

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

LARGE SHIPS

Table 147 - 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	1.3%	1.3%	1.3%	26	22	48	2,076	1,701	3,777
in % of total				54.2%	45.8%		55.0%	45.0%	
Intercargo	2.1%	3.6%	3.4%	33	395	428	1,582	10,948	12,530
in % of total				7.7%	92.3%		12.6%	87.4%	
Intermanager	4.9%	2.9%	2.9%	7	464	471	142	15,914	16,056
in % of total				1.5%	99%		0.9%	99.1%	
Green Award	1.4%	2.9%	2.9%	1	458	459	74	15,581	15,655
in % of total				0.2%	99.78%		0.5%	99.5%	
CDI	1.3%	0.9%	1.0%	5	12	17	374	1,285	1,659
in % of total				29.4%	70.6%		22.5%	77.5%	
OCIMF	1.2%	3.8%	1.3%	42	6	48	3,620	157	3,777
in % of total				87.5%	12.5%		95.8%	4.2%	

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

VERY LARGE SHIPS

Table 148 - 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	0.2%	1.1%	0.7%	2	10	12	892	873	1,765
in % of total				16.7%	83.3%		50.5%	49.5%	
Intercargo	1.9%	4.3%	3.8%	11	99	110	567	2,315	2,882
in % of total				10.0%	90.0%		19.7%	80.3%	
Intermanager	0.0%	2.8%	2.8%	0	120	120	31	4,332	4,363
in % of total				0.0%	100%		0.7%	99.3%	
Green Award	0.0%	2.7%	2.6%	0	122	122	175	4,452	4,627
in % of total				0.0%	100%		3.8%	96.2%	
CDI	0.0%					0			0
in % of total									
OCIMF	0.2%	19.6%	0.7%	3	9	12	1,719	46	1,765
in % of total				25.0%	75.0%		97.4%	2.6%	

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

6.3. COMPANY PERFORMANCE

Table 149 - 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	11,810	51.0%	5,092	9.8%	2,307	12.1%	45.3%
2	3,631	15.7%	3,373	6.5%	1,479	7.8%	43.8%
3	1,949	8.4%	2,740	5.3%	1,175	6.2%	42.9%
4	1,207	5.2%	2,426	4.7%	1,041	5.5%	42.9%
5	793	3.4%	2,098	4.0%	908	4.8%	43.3%
6-10	1,986	8.6%	7,993	15.4%	3,202	16.8%	40.1%
11-50	1,614	7.0%	19,044	36.7%	6,053	31.7%	31.8%
51-100	122	0.5%	5,287	10.2%	1,839	9.6%	34.8%
100+	40	0.2%	3,849	7.4%	1,070	5.6%	27.8%
Total	23,152	100%	51,902	100%	19,074	100%	36.8%

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

Graph 138 -Total number of companies and ships GT≥500, by company fleet size

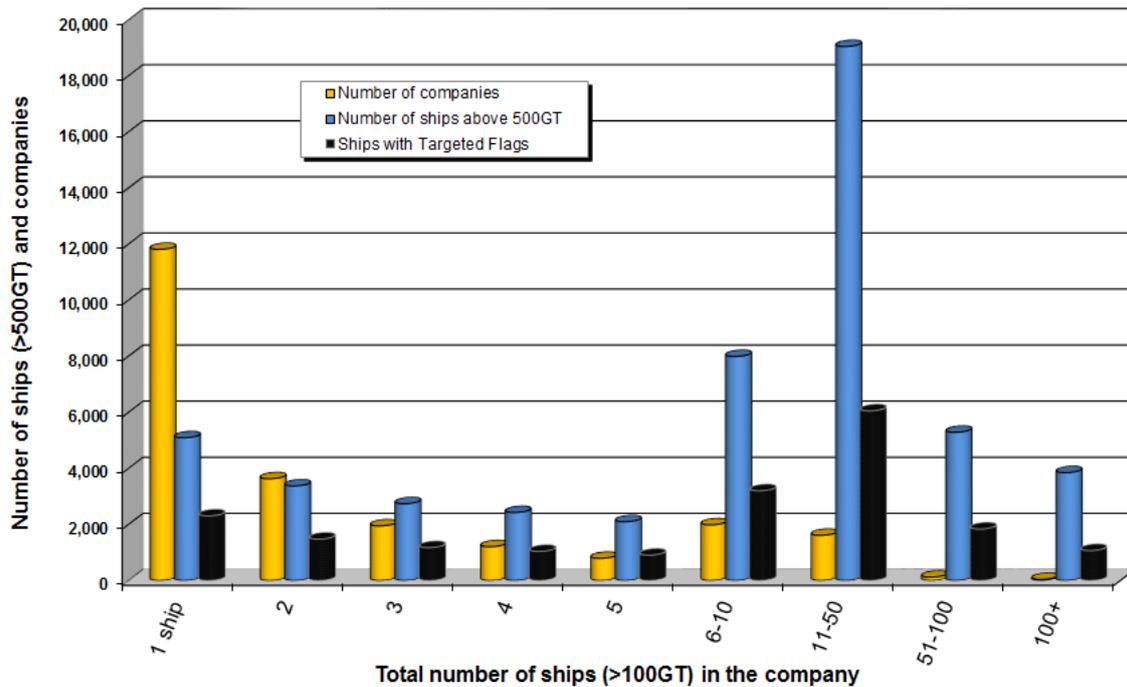
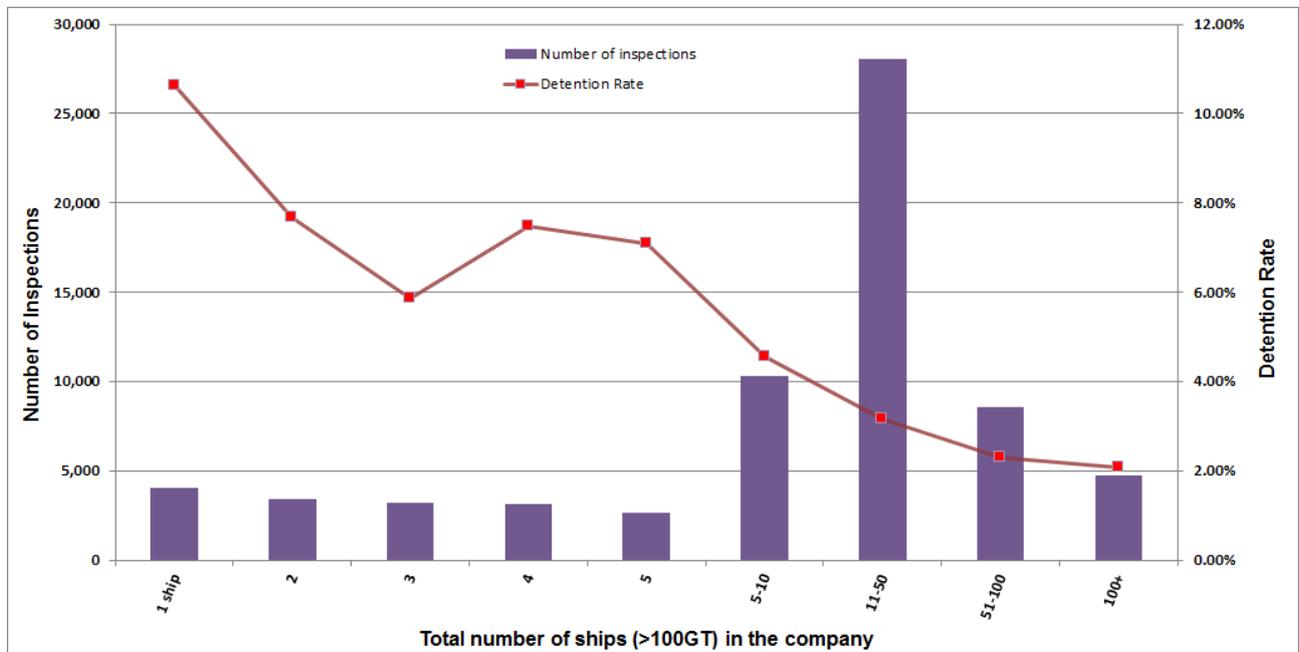


Table 150 - Total number of inspections and detention rates^(*), by company fleet size

Company fleet size (by number of ships GT≥100)	Number of inspections		Number of detentions		% of ships detained ⁽¹⁾
1 ship	4,022	5.9%	427	14.5%	10.62%
2	3,434	5.0%	263	8.9%	7.66%
3	3,175	4.7%	186	6.3%	5.86%
4	3,159	4.6%	236	8.0%	7.47%
5	2,667	3.9%	189	6.4%	7.09%
5-10	10,328	15.2%	469	15.9%	4.54%
11-50	28,073	41.2%	890	30.1%	3.17%
51-100	8,529	12.5%	196	6.6%	2.30%
100+	4,734	6.9%	98	3.3%	2.07%
Total	68,121	100%	2,954	100%	4.34%

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

Graph 139 -Total number of inspections and detention rate, by company fleet size



Annexes

Annex I. Ship type aggregations

The 13th category "Other" is not considered in the scope of these statistics and only given for information, it contains active ships not falling into one of the 12 main categories.

Modifications since last year are marked in bold.

General Cargo Ships

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

Specialized Cargo Ships

Barge Carrier
Heavy Load Carrier
Livestock Carrier
Nuclear Fuel Carrier

Container Ships

Container Ship
Passenger/Container Ship

Ro-Ro Cargo Ships

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

Bulk Carriers

Aggregates Carrier
Bulk Carrier
Bulk/Caustic Soda Carrier
Bulk Dry Storage Ship
Bulk/Oil Carrier
Cement Carrier
Limestone Carrier
Ore Carrier
Ore/Oil Carrier
Powder Carrier
Refined Sugar Carrier
Self-Discharging Bulk Carrier
Wood Chips Carrier

Oil and Chemical Tankers

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

Gas Tankers

Combination Gas Tanker
CO₂ Tanker
LNG Tanker
LPG Tanker

Other Tankers

Asphalt/Bitumen Tanker
Bunkering Tanker
Caprolactam Tanker
Edible Oil Tanker
Fruit Juice Tanker
Latex Tanker
Molasses Tanker
Vegetable Oil Tanker
Water Tanker
Wine Tanker

Passenger Ships

Accom. Offshore Supp. Vessel
Passenger (Cruise) Ship
Passenger Ship
Passenger/Landing Craft
Passenger/Ro-Ro Cargo Ship

Offshore Vessels

Drilling Ship
FSO, Oil
Mining Vessel
Offshore Processing Ship
Offshore Supply Ship
Offshore Support Vessel
Offshore Tug/Supply Ship
Pipe Burying Vessel
Pipe-Layer
Production Testing Vessel
Standby-Safety Vessel
Supply Vessel
Well-Stimulation Vessel

Service Ships

Buoy/Lighthouse Vessel
Cable-Layer
Crane Ship
Dredger
Fire-Fighting Vessel
Hopper Dredger
Hospital Vessel
Icebreaker
Kelp Dredger
Patrol Vessel
Pilot Vessel
Pollution Control Vessel
Power Station Vessel
Research Vessel
Salvage Ship
Search & Rescue Vessel
Tank-Cleaning Vessel
Training Ship
Trans-shipment Vessel
Utility Vessel
Waste Disposal Vessel
Work/Repair Vessel

Tugs

Pusher Tug
Tug

Other (Out of the scope)

Anchor Hoy
Cable Repair Ship
Coal/Oil Mixture Tanker
Crewboat
Exhibition Vessel
Fish Carrier
Fish Factory Ship
Fishing Support Vessel
Fishing Vessel
Landing Craft
Launch (unspecified)
Live-Fish Carrier
Mooring Vessel
Motor Hopper
Pearl Shells Carrier
Sail Training Ship
Sailing Vessel
Seal-Catcher
Trenching Support Vessel
Unknown
Urea Carrier
Vessel (function unknown)
Whale-Catcher

Annex II. Targeted Flag States 2013

The list of targeted flag is based on the 2013 annual reports of the Paris MoU [1], the Tokyo MoU [2] and the US Coast Guard [3], as published in that year.

<u>A</u>	<u>N</u>
Antigua and Barbuda [3]	New Zealand [3]
<u>B</u>	<u>P</u>
Bangladesh [2]	Panama [3]
Belize [2, 3]	Papua New Guinea [2]
Bolivia [3]	Peru [3]
<u>C</u>	Philippines [3]
Cambodia [1, 2]	<u>S</u>
Comoros [1]	Sierra Leone [1, 2]
Cook Islands [1]	St Vincent and Grenadines [1, 3]
Cyprus [3]	St. Kitts and Nevis [2, 3]
<u>D</u>	<u>T</u>
Dominica [1]	Tanzania [1, 2]
<u>E</u>	Thailand [2]
Egypt [3]	Togo [1]
<u>G</u>	Tonga [2]
Georgia [2]	Turkey [3]
<u>H</u>	<u>V</u>
Honduras [1, 3]	Vanuatu [3]
<u>I</u>	Vietnam [2]
Indonesia [2]	
<u>K</u>	
Kiribati [2]	
Korea Democratic Republic [2]	
<u>L</u>	
Lithuania [3]	
<u>M</u>	
Malta [3]	
Mexico [3]	
Moldovia [1]	
Mongolia [2]	

Annex III. Default PSC Ship types

Ship types in red corresponds to ship types that are not in the scope of these statistics (or for which no active ship is yet in the world fleet) but for which some PSC inspections have been carried out.

Although similar in the layout, this Annex cannot be compared to Annex I as the intention is not to create categories of ships, the purpose of this annex is only to attribute a PSC ship type to ships that were not inspected.

General Cargo/Multipurpose

Aggregates Carrier
Barge Carrier
Cement Carrier
Deck Cargo Ship
General Cargo Ship
Landing Craft
Latex Tanker
Limestone Carrier
Molasses Tanker
Palletised Cargo Ship
Passenger/Landing Craft
Refined Sugar Carrier
Trenching Support Vessel

Refrigerated Cargo

Fish Carrier
Fish Factory Ship
Refrigerated Cargo Ship

Heavy load

Heavy Load Carrier

Container

Container Ship

Ro-Ro cargo

Container Ro-Ro Cargo Ship
Ro-Ro Cargo Ship

Bulk Carrier

Bulk Carrier
Bulk Dry Storage Ship
Bulk/Caustic Soda Carrier
Ore Carrier
Self-Discharging Bulk Carrier

Oil tanker

Asphalt/Bitumen Tanker
Bunkering Tanker
Crude Oil Tanker
FSO, Oil
Oil Products Tanker
Water Tanker

Chemical tanker

Chemical Tanker
Chemical/Oil Products Tanker
Vegetable Oil Tanker

Combination carrier

Bulk/Oil Carrier
Coal/Oil Mixture Tanker
Ore/Oil Carrier

Gas carrier

CO₂ Tanker
Combination Gas Tanker
LNG Tanker
LPG Tanker

NLS Tanker

Production Testing Vessel
Wine Tanker

High speed passenger craft

None

Passenger Ship

Passenger (Cruise) Ship
Passenger Ship
Sailing Vessel

RoRo passenger ship

Accommod. Offshore Supp Vessel
Passenger/Ro-Ro Cargo Ship

Offshore supply

Offshore Supply Ship
Offshore Support Vessel
Offshore Tug/Supply Ship
Pipe-Layer
Well-Stimulation Vessel

Special purpose ship

Cable-Layer
Crane Ship
Fire-Fighting Vessel
Fishing Support Vessel
Icebreaker
Power Station Vessel

Tug

Pusher Tug
Tug

Other special activities

Anchor Hoy
Buoy/Lighthouse Vessel
Caprolactam Tanker
Crewboat
Drilling Ship
Edible Oil Tanker
Exhibition Vessel
Hopper Dredger
Hospital Vessel
Kelp Dredger
Launch (Unspecified)
Mining Vessel
Mooring Vessel
Motor Hopper
Nuclear Fuel Carrier
Offshore Processing Ship
Passenger/Container Ship
Passenger/General Cargo Ship
Patrol Vessel
Pearl Shells Carrier
Pilot Vessel
Pipe Burying Vessel
Pollution Control Vessel
Powder Carrier
Research Vessel
Sail Training Ship
Salvage Ship
Seal-Catcher
Search & Rescue Vessel
Standby-Safety Vessel
Supply Vessel
Tank-Cleaning Vessel
Training Ship

Trans-Shipment Vessel
Trenching Support Vessel
Urea Carrier
Utility Vessel
Vessel (function unknown)
Waste Disposal Vessel
Whale-Catcher
Wood Chips Carrier
Work/Repair Vessel

Other

Dredger
Fishing Vessel
Live-Fish Carrier
Livestock Carrier
Unknown
Vehicles Carrier

Annex IV. List of Statutory Certificates, by conventions

SOLAS (and STCW)

SOLAS/STCW

Minimum safe manning document

SOLAS - INF

International Certificate of Fitness for the Carriage of Cargo

SOLAS - ISM

Document of Compliance
Safety Management Certificate

SOLAS - ISPS

International Ship Security Certificate

SOLAS - IMDG

Document of compliance with the special requirements for ships carrying dangerous goods

SOLAS - GC

Certificate of Fitness for the Carriage of Liquefied Gases in Bulk

SOLAS - IGC

International Certificate of Fitness for the Carriage of Liquefied Gases in Bulk

SOLAS - HSC

High-Speed Craft Safety Certificate

SOLAS - MODU

Mobile Offshore Drilling Unit Safety Certificate

SOLAS - SPS

Special Purpose Ship Safety Certificate

SOLAS - PSSC

Passenger Ship Safety Certificate, including Record of Equipment

SOLAS - CLC

Certificate of insurance or other financial security in respect of civil liability for oil pollution damage

SOLAS/CSS

Cargo Ship Safety Certificate, including Record of Equipment
Cargo Ship Safety Equipment Certificate, including Record of Equipment
Cargo Ship Safety Construction Certificate
Cargo Ship Safety Radio Certificate, including Record of Equipment

SOLAS/CSR

Continuous Synopsis Record

SOLAS/INF

International Certificate of Fitness for the Carriage of Cargo

MARPOL

MARPOL - IAPP

International Air Pollution Prevention Certificate

MARPOL - IOPP

International Oil Pollution Prevention Certificate

MARPOL - ISPP

International Sewage Pollution Prevention Certificate

MARPOL - EIAPP

Engine International Air Pollution Prevention Certificate

MARPOL - IBC

International Certificate of Fitness for the Carriage of Dangerous Chemicals in Bulk

MARPOL - NLS

International Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk

MARPOL - BCH

Certificate of Fitness for the Carriage of Dangerous Chemicals in Bulk

MARPOL - CAS

Condition Assessment Scheme Statement of Compliance

Other Conventions

ITC

International Tonnage Certificate

Load Lines

International Load Line Certificate

AFS

International Anti-Fouling System Certificate
Statement of AFS Compliance
Declaration of AFS Compliance

Ballast WM

Ballast Water Management Certificate

CLC

Certificate of insurance or other financial security in respect of civil liability for oil pollution damage

BUNKER

Certificate of insurance or other financial security in respect of civil liability for bunker oil pollution damage

Annex V. Ships in the scope of Trade Association and vetting programs

In Chapter 6, various figures from trade association and vetting programs are compared to a base population of ships of a relevant ship type. This Annex gives the relevant ship types for each trade association and vetting programs

Intertanko

“Gas Tankers”
and “Oil & Chemical Tankers”
(as described in Annex I)

Intercargo

“Bulk Carriers”
and “General Cargo Ships”
(as described in Annex I)

Note that Intercargo deals normally with ships with deadweight over 10,000. This need to be kept in mind when analysing figures of medium sized ships associated with Intercargo.

Intermanager

“Bulk Carriers”
“General Cargo Ships”
and “Oil & Chemical Tanker”
(as described in Annex I)

Green Award

A subset of Bulk Carriers:

Aggregates Carrier
Bulk Carrier
Bulk Dry Storage Ship
Cement Carrier
Limestone Carrier
Ore Carrier
Powder Carrier
Refined Sugar Carrier
Self-Discharging Bulk Carrier
Wood Chips Carrier

Gas Tankers:

CO2 Tanker
LNG Tanker
LPG Tanker

Oil & Chemical Tankers:

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

CDI

The following Tankers:

Chemical Tanker
Chemical/Oil Products Tanker
Vegetable Oil Tanker

OCIMF

“Gas Tankers”
and “Oil & Chemical Tanker”
(as described in Annex I)