



**The world merchant fleet  
in 2012**

**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 2012, 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 Fairplay.

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

By size ships are grouped into four categories:

1. Small ships 100 GT to 499 GT
2. Medium ships 500 GT to 24.999 GT
3. Large ships 25.000 GT to 59.999 GT
4. Very Large ships  $\geq 60.000$  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 vessels 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 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 (ie: 2, 3 and 4) have been chosen so as to divide the fleet into three approximately equal parts in terms of tonnage. These three together represent the larger worldwide trading ships.

### SHIP TYPES

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

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### PSC SHIP TYPES

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PSC organisations are now using specific ship type categories that are different from the ones used by IHS Fairplay. From 2011 onward, these categories have been used in Chapter 5 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 Fairplay. Annex III provides the aggregation used for this purpose. This Annex was established mainly through statistical analysis and direct comparisons between IHS Fairplay 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.

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### FLAG STATES

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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 one of the targeted lists of the Paris Memorandum of Understanding (MoU) [Black List], the Tokyo MoU [Black List] and the USCG [safety targeting]. Indian Ocean MoU (IO MoU) and Viña del Mar (VDM) 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 2012 annual reports of the Paris MoU, the Tokyo MoU and the US Coast Guard, can be found in Annex II.

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### SOURCE OF INFORMATION

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Equasis is fed by 45 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, India, Iran, South Africa, Sri-Lanka and Mauritius are considered in these statistics. In 2012, these six countries represented about 90% of all inspections carried out within the Indian Ocean MoU.

The Viña del Mar agreement is also providing data to Equasis since mid-2011. Therefore, inspections from the 1<sup>st</sup> 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 (82%) 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 vessels to apply the same standards

General cargo ships are the most common type by number, at 20.2%, of the Equasis fleet. However, 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 by number.

In terms of tonnage, the large and very large size categories represent 79% of the Equasis fleet (Graph 2), with oil and chemical tankers and bulk carriers dominating both categories at 67.7% (large) and 65.1% (very large) respectively.

Table 3 shows that just over a half (51.4%) 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 79.8% (large) and 86.2% (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 about a third (36%) of the total number of ships are associated with a targeted flag State. Whilst graphs 15 to 20 show that the proportion of ships under a targeted flag State decrease with size: 37% for the medium size ship size category, 33% for the large category and 29% 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 inspected ship category by number (31.9%) but Bulk Carriers are the most inspected ship category by tonnage (43.2%). It is natural considering that those two ship categories are also the biggest with respect to the total number of ships and tonnage, all be it with smaller proportions (23.3% and 34.5% respectively).

This is the opposite for Offshore Vessels, Container Ships and Oil & Chemical Tankers which tend to have a larger proportion of inspections 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 <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4,281	14.8%	11,599	32.1%	181	1.8%			16,061	20.2%
Specialized Cargo Ships	9	0.0%	198	0.5%	52	0.5%			259	0.3%
Container Ships	16	0.1%	2,300	6.4%	1,586	16.1%	956	20.7%	4,858	6.1%
Ro-Ro Cargo Ships	32	0.1%	679	1.9%	603	6.1%	156	3.4%	1,470	1.8%
Bulk Carriers	322	1.1%	3,488	9.7%	4,613	46.8%	1,469	31.8%	9,892	12.4%
Oil and Chemical Tankers	1,757	6.1%	6,281	17.4%	2,258	22.9%	1,434	31.1%	11,730	14.8%
Gas Tankers	40	0.1%	1,018	2.8%	187	1.9%	333	7.2%	1,578	2.0%
Other Tankers	273	0.9%	448	1.2%	5	0.1%			726	0.9%
Passenger Ships	3,530	12.2%	2,482	6.9%	270	2.7%	141	3.1%	6,423	8.1%
Offshore Vessels	2,241	7.8%	4,548	12.6%	89	0.9%	124	2.7%	7,002	8.8%
Service Ships	2,248	7.8%	2,219	6.1%	23	0.2%	4	0.1%	4,494	5.7%
Tugs	14,094	48.9%	884	2.4%					14,978	18.8%
<b>Total</b>	<b>28,843</b>	<b>100%</b>	<b>36,144</b>	<b>100%</b>	<b>9,867</b>	<b>100%</b>	<b>4,617</b>	<b>100%</b>	<b>79,471</b>	<b>100%</b>

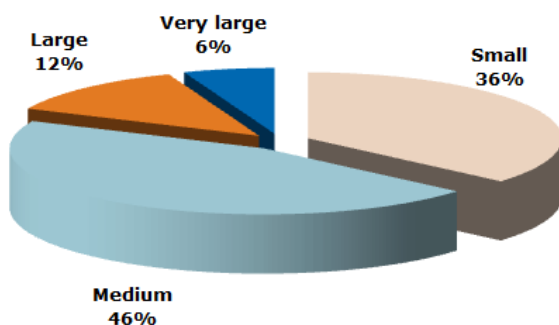
Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> GT≥60.000

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

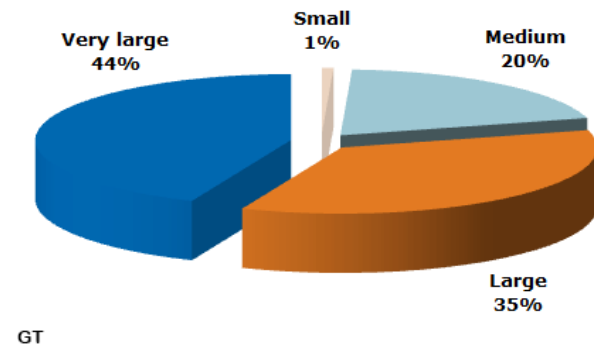
Ship Type	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1,418	18.5%	49,828	23.7%	5,779	1.5%			57,025	5.4%
Specialized Cargo Ships	3	0.0%	1,476	0.7%	1,908	0.5%			3,386	0.3%
Container Ships	6	0.1%	27,044	12.9%	61,781	16.6%	86,795	19.0%	175,627	16.8%
Ro-Ro Cargo Ships	12	0.2%	6,526	3.1%	28,140	7.5%	10,078	2.2%	44,756	4.3%
Bulk Carriers	126	1.7%	50,496	24.1%	167,659	45.0%	141,239	30.8%	359,521	34.3%
Oil and Chemical Tankers	564	7.4%	38,621	18.4%	84,702	22.7%	157,185	34.3%	281,072	26.8%
Gas Tankers	15	0.2%	5,725	2.7%	8,222	2.2%	35,863	7.8%	49,826	4.8%
Other Tankers	80	1.1%	990	0.5%	162	0.0%			1,233	0.1%
Passenger Ships	888	11.6%	10,807	5.1%	9,612	2.6%	13,585	3.0%	34,892	3.3%
Offshore Vessels	635	8.3%	10,503	5.0%	4,035	1.1%	12,794	2.8%	27,968	2.7%
Service Ships	559	7.3%	7,023	3.3%	864	0.2%	361	0.1%	8,806	0.8%
Tugs	3,342	43.7%	883	0.4%					4,225	0.4%
<b>Total</b>	<b>7,648</b>	<b>100%</b>	<b>209,923</b>	<b>100%</b>	<b>372,865</b>	<b>100%</b>	<b>457,901</b>	<b>100%</b>	<b>1,048,336</b>	<b>100%</b>

Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000GT - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> 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 <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
0-4 years old	4,437	15.4%	8,177	22.6%	3,957	40.1%	2,192	47.5%	18,763	23.6%
5-14 years old	5,661	19.6%	8,552	23.7%	3,917	39.7%	1,785	38.7%	19,915	25.1%
15-24 years old	5,890	20.4%	7,084	19.6%	1,495	15.2%	534	11.6%	15,003	18.9%
+25 years old	12,855	44.6%	12,331	34.1%	498	5.0%	106	2.3%	25,790	32.5%
<b>Total</b>	<b>28,843</b>	<b>100%</b>	<b>36,144</b>	<b>100%</b>	<b>9,867</b>	<b>100%</b>	<b>4,617</b>	<b>100%</b>	<b>79,471</b>	<b>100%</b>

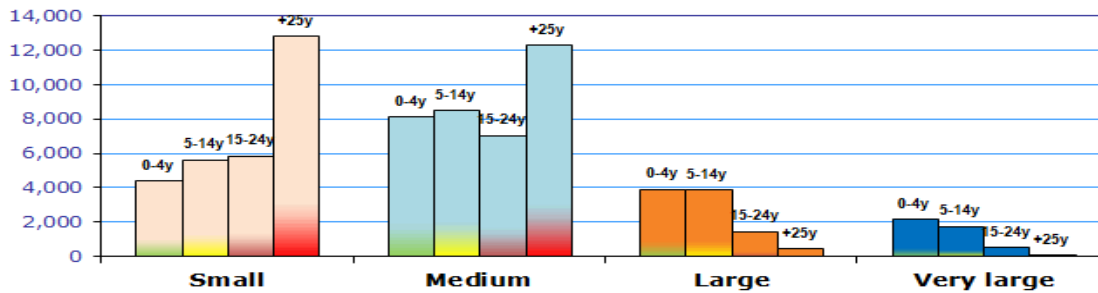
Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> GT≥60.000

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

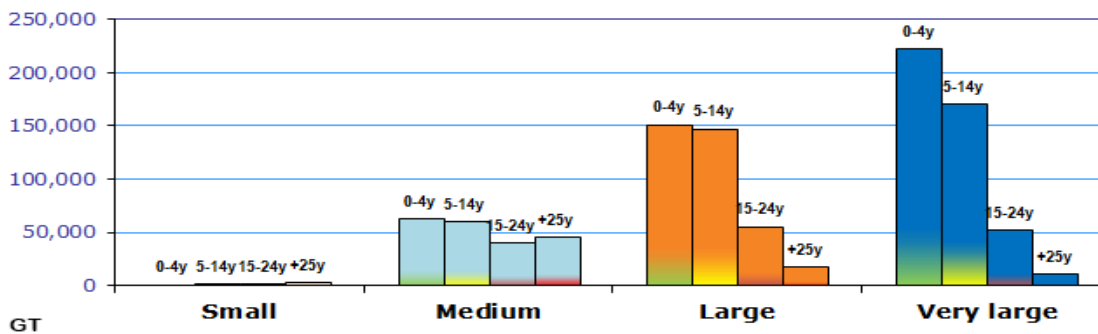
Ship age category	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
0-4 years old	1,276	16.7%	63,342	30.2%	151,717	40.7%	223,093	48.7%	439,428	41.9%
5-14 years old	1,571	20.5%	60,667	28.9%	147,756	39.6%	170,894	37.3%	380,888	36.3%
15-24 years old	1,586	20.7%	40,468	19.3%	55,845	15.0%	53,064	11.6%	150,964	14.4%
+25 years old	3,214	42.0%	45,445	21.6%	17,546	4.7%	10,850	2.4%	77,056	7.4%
<b>Total</b>	<b>7,648</b>	<b>100%</b>	<b>209,923</b>	<b>100%</b>	<b>372,865</b>	<b>100%</b>	<b>457,901</b>	<b>100%</b>	<b>1,048,336</b>	<b>100%</b>

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

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



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



## 0-4 years old SHIPS

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

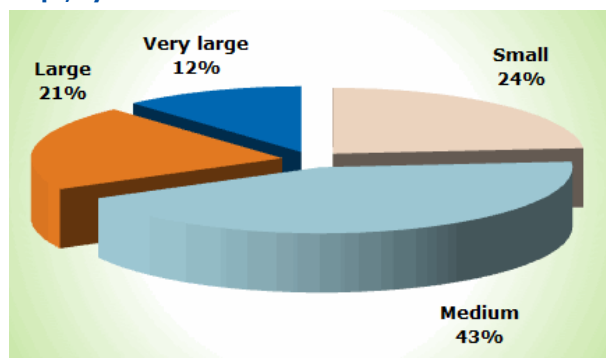
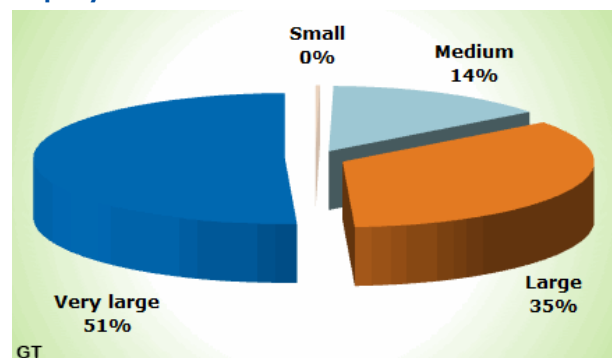
Ship Type	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	269	6.1%	1,887	23.1%	46	1.2%			2,202	11.7%
Specialized Cargo Ships			49	0.6%	8	0.2%			57	0.3%
Container Ships	12	0.3%	470	5.7%	478	12.1%	424	19.3%	1,384	7.4%
Ro-Ro Cargo Ships	6	0.1%	51	0.6%	233	5.9%	87	4.0%	377	2.0%
Bulk Carriers	7	0.2%	1,274	15.6%	2,233	56.4%	819	37.4%	4,333	23.1%
Oil and Chemical Tankers	106	2.4%	1,639	20.0%	813	20.5%	665	30.3%	3,223	17.2%
Gas Tankers	3	0.1%	252	3.1%	60	1.5%	126	5.7%	441	2.4%
Other Tankers	22	0.5%	110	1.3%	1	0.0%			133	0.7%
Passenger Ships	223	5.0%	253	3.1%	42	1.1%	40	1.8%	558	3.0%
Offshore Vessels	450	10.1%	1,706	20.9%	33	0.8%	31	1.4%	2,220	11.8%
Service Ships	274	6.2%	289	3.5%	10	0.3%			573	3.1%
Tugs	3,065	69.1%	197	2.4%					3,262	17.4%
<b>Total</b>	<b>4,437</b>	<b>100%</b>	<b>8,177</b>	<b>100%</b>	<b>3,957</b>	<b>100%</b>	<b>2,192</b>	<b>100%</b>	<b>18,763</b>	<b>100%</b>

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

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

Ship Type	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	118	9.3%	12,758	20.1%	1,682	1.1%			14,558	3.3%
Specialized Cargo Ships			541	0.9%	291	0.2%			833	0.2%
Container Ships	4	0.3%	5,916	9.3%	19,067	12.6%	44,588	20.0%	69,575	15.8%
Ro-Ro Cargo Ships	2	0.2%	673	1.1%	10,769	7.1%	5,632	2.5%	17,077	3.9%
Bulk Carriers	3	0.2%	21,282	33.6%	84,625	55.8%	79,950	35.8%	185,860	42.3%
Oil and Chemical Tankers	43	3.4%	12,379	19.5%	29,116	19.2%	71,154	31.9%	112,692	25.6%
Gas Tankers	1	0.1%	1,961	3.1%	2,752	1.8%	15,003	6.7%	19,717	4.5%
Other Tankers	8	0.6%	397	0.6%	34	0.0%			440	0.1%
Passenger Ships	64	5.0%	992	1.6%	1,470	1.0%	4,481	2.0%	7,006	1.6%
Offshore Vessels	139	10.9%	4,817	7.6%	1,535	1.0%	2,285	1.0%	8,776	2.0%
Service Ships	69	5.4%	1,423	2.2%	376	0.2%			1,868	0.4%
Tugs	824	64.6%	204	0.3%					1,027	0.2%
<b>Total</b>	<b>1,276</b>	<b>100%</b>	<b>63,342</b>	<b>100%</b>	<b>151,717</b>	<b>100%</b>	<b>223,093</b>	<b>100%</b>	<b>439,428</b>	<b>100%</b>

Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> 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 <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
General Cargo Ships	536	9.5%	2,307	27.0%	53	1.4%			2,896	14.5%
Specialized Cargo Ships			21	0.2%	3	0.1%			24	0.1%
Container Ships	3	0.1%	1,009	11.8%	805	20.6%	473	26.5%	2,290	11.5%
Ro-Ro Cargo Ships	5	0.1%	176	2.1%	226	5.8%	62	3.5%	469	2.4%
Bulk Carriers	16	0.3%	671	7.8%	1,469	37.5%	355	19.9%	2,511	12.6%
Oil and Chemical Tankers	170	3.0%	1,779	20.8%	1,154	29.5%	658	36.9%	3,761	18.9%
Gas Tankers	4	0.1%	257	3.0%	70	1.8%	140	7.8%	471	2.4%
Other Tankers	21	0.4%	50	0.6%	3	0.1%			74	0.4%
Passenger Ships	641	11.3%	535	6.3%	113	2.9%	76	4.3%	1,365	6.9%
Offshore Vessels	502	8.9%	1,195	14.0%	17	0.4%	21	1.2%	1,735	8.7%
Service Ships	366	6.5%	392	4.6%	4	0.1%			762	3.8%
Tugs	3,397	60.0%	160	1.9%					3,557	17.9%
<b>Total</b>	<b>5,661</b>	<b>100%</b>	<b>8,552</b>	<b>100%</b>	<b>3,917</b>	<b>100%</b>	<b>1,785</b>	<b>100%</b>	<b>19,915</b>	<b>100%</b>

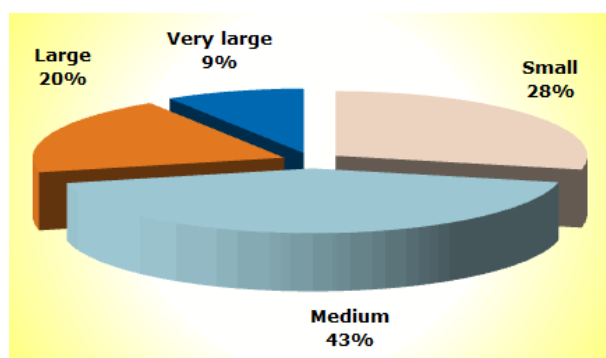
Source: Equasis <sup>(1)</sup>GT<500 - <sup>(2)</sup>500≤GT<25.000 - <sup>(3)</sup>25.000≤GT<60.000 - <sup>(4)</sup>GT≥60.000

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

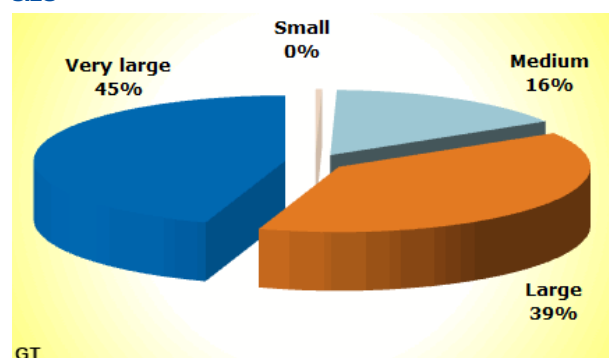
Ship Type	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
General Cargo Ships	223	14.2%	12,545	20.7%	1,658	1.1%			14,427	3.8%
Specialized Cargo Ships			213	0.4%	120	0.1%			332	0.1%
Container Ships	1	0.1%	12,039	19.8%	30,336	20.5%	38,221	22.4%	80,598	21.2%
Ro-Ro Cargo Ships	2	0.1%	2,350	3.9%	10,972	7.4%	3,972	2.3%	17,297	4.5%
Bulk Carriers	6	0.4%	9,475	15.6%	52,313	35.4%	32,101	18.8%	93,894	24.7%
Oil and Chemical Tankers	57	3.6%	15,309	25.2%	44,305	30.0%	72,825	42.6%	132,496	34.8%
Gas Tankers	2	0.1%	1,639	2.7%	3,003	2.0%	14,361	8.4%	19,005	5.0%
Other Tankers	7	0.4%	156	0.3%	99	0.1%			261	0.1%
Passenger Ships	169	10.8%	2,334	3.8%	4,033	2.7%	7,263	4.3%	13,799	3.6%
Offshore Vessels	174	11.1%	2,852	4.7%	770	0.5%	2,150	1.3%	5,947	1.6%
Service Ships	84	5.3%	1,564	2.6%	146	0.1%			1,794	0.5%
Tugs	846	53.9%	191	0.3%					1,037	0.3%
<b>Total</b>	<b>1,571</b>	<b>100%</b>	<b>60,667</b>	<b>100%</b>	<b>147,756</b>	<b>100%</b>	<b>170,894</b>	<b>100%</b>	<b>380,888</b>	<b>100%</b>

Source: Equasis <sup>(1)</sup>GT<500 - <sup>(2)</sup>500≤GT<25.000 - <sup>(3)</sup>25.000≤GT<60.000 - <sup>(4)</sup>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 <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1,181	20.1%	2,663	37.6%	42	2.8%			3,886	25.9%
Specialized Cargo Ships			21	0.3%	15	1.0%			36	0.2%
Container Ships			677	9.6%	263	17.6%	59	11.0%	999	6.7%
Ro-Ro Cargo Ships	7	0.1%	170	2.4%	66	4.4%	4	0.7%	247	1.6%
Bulk Carriers	193	3.3%	600	8.5%	716	47.9%	276	51.7%	1,785	11.9%
Oil and Chemical Tankers	623	10.6%	1,291	18.2%	257	17.2%	109	20.4%	2,280	15.2%
Gas Tankers	5	0.1%	294	4.2%	41	2.7%	35	6.6%	375	2.5%
Other Tankers	56	1.0%	85	1.2%	1	0.1%			142	0.9%
Passenger Ships	977	16.6%	643	9.1%	74	4.9%	24	4.5%	1,718	11.5%
Offshore Vessels	236	4.0%	180	2.5%	18	1.2%	25	4.7%	459	3.1%
Service Ships	438	7.4%	381	5.4%	2	0.1%	2	0.4%	823	5.5%
Tugs	2,174	36.9%	79	1.1%					2,253	15.0%
<b>Total</b>	<b>5,890</b>	<b>100%</b>	<b>7,084</b>	<b>100%</b>	<b>1,495</b>	<b>100%</b>	<b>534</b>	<b>100%</b>	<b>15,003</b>	<b>100%</b>

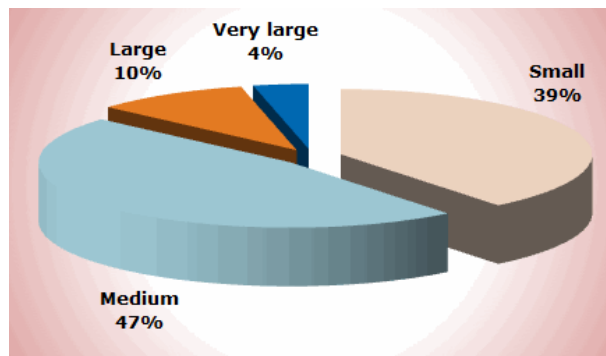
Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> GT≥60.000

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

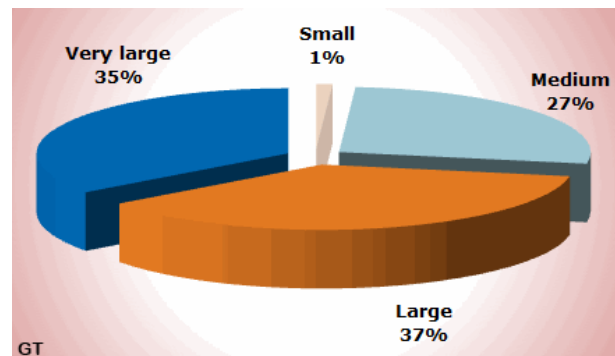
Ship Type	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	385	24.2%	10,861	26.8%	1,330	2.4%			12,575	8.3%
Specialized Cargo Ships			119	0.3%	608	1.1%			726	0.5%
Container Ships			7,670	19.0%	10,923	19.6%	3,986	7.5%	22,578	15.0%
Ro-Ro Cargo Ships	3	0.2%	1,498	3.7%	3,157	5.7%	274	0.5%	4,932	3.3%
Bulk Carriers	83	5.2%	7,272	18.0%	24,324	43.6%	27,132	51.1%	58,811	39.0%
Oil and Chemical Tankers	198	12.5%	6,289	15.5%	10,049	18.0%	13,077	24.6%	29,613	19.6%
Gas Tankers	2	0.1%	1,535	3.8%	1,743	3.1%	3,592	6.8%	6,871	4.6%
Other Tankers	16	1.0%	171	0.4%	29	0.1%			216	0.1%
Passenger Ships	251	15.8%	3,226	8.0%	2,724	4.9%	1,767	3.3%	7,969	5.3%
Offshore Vessels	61	3.8%	469	1.2%	880	1.6%	3,016	5.7%	4,426	2.9%
Service Ships	116	7.3%	1,282	3.2%	80	0.1%	219	0.4%	1,696	1.1%
Tugs	474	29.9%	78	0.2%					552	0.4%
<b>Total</b>	<b>1,586</b>	<b>100%</b>	<b>40,468</b>	<b>100%</b>	<b>55,845</b>	<b>100%</b>	<b>53,064</b>	<b>100%</b>	<b>150,964</b>	<b>100%</b>

Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> 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**

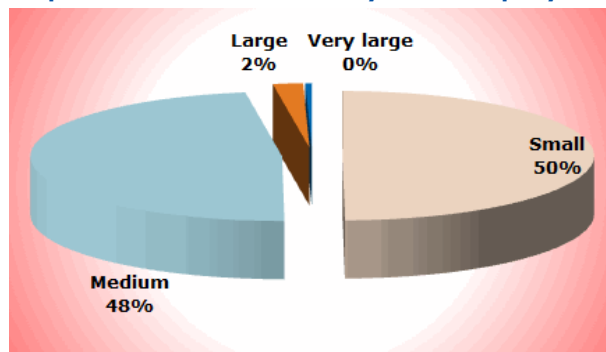
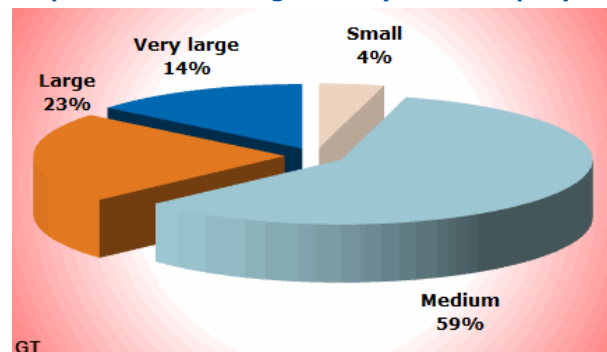
Ship Type	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	2,295	17.9%	4,742	38.5%	40	8.0%			7,077	27.4%
Specialized Cargo Ships	9	0.1%	107	0.9%	26	5.2%			142	0.6%
Container Ships	1	0.0%	144	1.2%	40	8.0%			185	0.7%
Ro-Ro Cargo Ships	14	0.1%	282	2.3%	78	15.7%	3	2.8%	377	1.5%
Bulk Carriers	106	0.8%	943	7.6%	195	39.2%	19	17.9%	1,263	4.9%
Oil and Chemical Tankers	858	6.7%	1,572	12.7%	34	6.8%	2	1.9%	2,466	9.6%
Gas Tankers	28	0.2%	215	1.7%	16	3.2%	32	30.2%	291	1.1%
Other Tankers	174	1.4%	203	1.6%					377	1.5%
Passenger Ships	1,689	13.1%	1,051	8.5%	41	8.2%	1	0.9%	2,782	10.8%
Offshore Vessels	1,053	8.2%	1,467	11.9%	21	4.2%	47	44.3%	2,588	10.0%
Service Ships	1,170	9.1%	1,157	9.4%	7	1.4%	2	1.9%	2,336	9.1%
Tugs	5,458	42.5%	448	3.6%					5,906	22.9%
<b>Total</b>	<b>12,855</b>	<b>100%</b>	<b>12,331</b>	<b>100%</b>	<b>498</b>	<b>100%</b>	<b>106</b>	<b>100%</b>	<b>25,790</b>	<b>100%</b>

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

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

Ship Type	Small <sup>(1)</sup>		Medium <sup>(2)</sup>		Large <sup>(3)</sup>		Very Large <sup>(4)</sup>		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	692	21.5%	13,665	30.1%	1,109	6.3%			15,466	20.1%
Specialized Cargo Ships	3	0.1%	603	1.3%	889	5.1%			1,495	1.9%
Container Ships			1,420	3.1%	1,455	8.3%			2,875	3.7%
Ro-Ro Cargo Ships	5	0.1%	2,004	4.4%	3,241	18.5%	200	1.8%	5,450	7.1%
Bulk Carriers	35	1.1%	12,467	27.4%	6,398	36.5%	2,056	19.0%	20,956	27.2%
Oil and Chemical Tankers	265	8.2%	4,644	10.2%	1,233	7.0%	129	1.2%	6,271	8.1%
Gas Tankers	11	0.3%	591	1.3%	723	4.1%	2,907	26.8%	4,233	5.5%
Other Tankers	50	1.6%	266	0.6%					316	0.4%
Passenger Ships	404	12.6%	4,255	9.4%	1,385	7.9%	74	0.7%	6,118	7.9%
Offshore Vessels	261	8.1%	2,366	5.2%	850	4.8%	5,342	49.2%	8,819	11.4%
Service Ships	291	9.0%	2,754	6.1%	262	1.5%	142	1.3%	3,449	4.5%
Tugs	1,198	37.3%	411	0.9%					1,609	2.1%
<b>Total</b>	<b>3,214</b>	<b>100%</b>	<b>45,445</b>	<b>100%</b>	<b>17,546</b>	<b>100%</b>	<b>10,850</b>	<b>100%</b>	<b>77,056</b>	<b>100%</b>

Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> 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	5,766	31.9%	6,014	18.5%	11,780	23.3%
Specialized Cargo Ships	106	0.6%	144	0.4%	250	0.5%
Container Ships	1,595	8.8%	3,247	10.0%	4,842	9.6%
Ro-Ro Cargo Ships	586	3.2%	852	2.6%	1,438	2.8%
Bulk Carriers	4,001	22.1%	5,569	17.1%	9,570	18.9%
Oil and Chemical Tankers	3,025	16.7%	6,948	21.4%	9,973	19.7%
Gas Tankers	439	2.4%	1,099	3.4%	1,538	3.0%
Other Tankers	163	0.9%	290	0.9%	453	0.9%
Passenger Ships	726	4.0%	2,167	6.7%	2,893	5.7%
Offshore Vessels	1,083	6.0%	3,678	11.3%	4,761	9.4%
Service Ships	452	2.5%	1,794	5.5%	2,246	4.4%
Tugs	143	0.8%	741	2.3%	884	1.7%
<b>Total</b>	<b>18,085</b>	<b>100%</b>	<b>32,543</b>	<b>100%</b>	<b>50,628</b>	<b>100%</b>

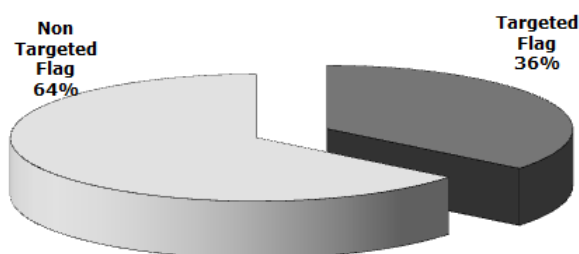
Source: Equasis

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

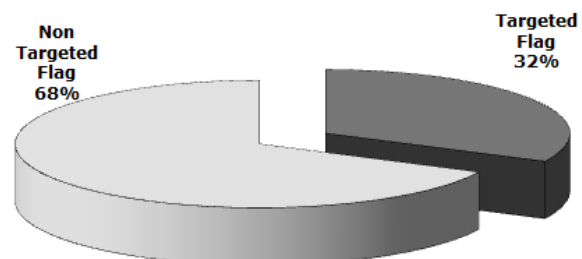
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	24,514	7.3%	31,093	4.4%	55,607	5.3%
Specialized Cargo Ships	1,035	0.3%	2,349	0.3%	3,383	0.3%
Container Ships	49,740	14.8%	125,881	17.9%	175,621	16.9%
Ro-Ro Cargo Ships	19,460	5.8%	25,284	3.6%	44,744	4.3%
Bulk Carriers	144,981	43.2%	214,413	30.4%	359,395	34.5%
Oil and Chemical Tankers	68,544	20.4%	211,965	30.1%	280,509	27.0%
Gas Tankers	9,045	2.7%	40,765	5.8%	49,810	4.8%
Other Tankers	306	0.1%	846	0.1%	1,152	0.1%
Passenger Ships	11,583	3.4%	22,421	3.2%	34,004	3.3%
Offshore Vessels	5,377	1.6%	21,955	3.1%	27,332	2.6%
Service Ships	1,262	0.4%	6,985	1.0%	8,248	0.8%
Tugs	144	0.0%	740	0.1%	883	0.1%
<b>Total</b>	<b>335,991</b>	<b>100%</b>	<b>704,697</b>	<b>100%</b>	<b>1,040,688</b>	<b>100%</b>

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



GT

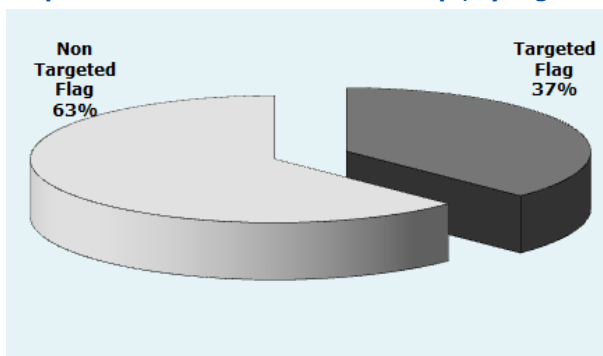
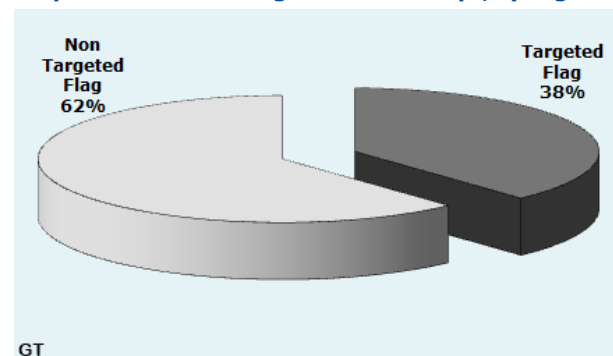
## MEDIUM SHIPS

**Table 15 - Total number of medium<sup>(1)</sup> ships, by type and flag**

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	5,736	42.4%	5,863	25.9%	11,599	32.1%
Specialized Cargo Ships	91	0.7%	107	0.5%	198	0.5%
Container Ships	932	6.9%	1,368	6.0%	2,300	6.4%
Ro-Ro Cargo Ships	241	1.8%	438	1.9%	679	1.9%
Bulk Carriers	1,650	12.2%	1,838	8.1%	3,488	9.7%
Oil and Chemical Tankers	2,172	16.1%	4,109	18.2%	6,281	17.4%
Gas Tankers	332	2.5%	686	3.0%	1,018	2.8%
Other Tankers	163	1.2%	285	1.3%	448	1.2%
Passenger Ships	575	4.3%	1,907	8.4%	2,482	6.9%
Offshore Vessels	1,039	7.7%	3,509	15.5%	4,548	12.6%
Service Ships	448	3.3%	1,771	7.8%	2,219	6.1%
Tugs	143	1.1%	741	3.3%	884	2.4%
<b>Total</b>	<b>13,522</b>	<b>100%</b>	<b>22,622</b>	<b>100%</b>	<b>36,144</b>	<b>100%</b>

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	23,547	29.4%	26,282	20.2%	49,828	23.7%
Specialized Cargo Ships	504	0.6%	971	0.7%	1,476	0.7%
Container Ships	9,767	12.2%	17,278	13.3%	27,044	12.9%
Ro-Ro Cargo Ships	1,917	2.4%	4,608	3.5%	6,526	3.1%
Bulk Carriers	23,438	29.3%	27,058	20.8%	50,496	24.1%
Oil and Chemical Tankers	12,836	16.0%	25,785	19.9%	38,621	18.4%
Gas Tankers	1,665	2.1%	4,060	3.1%	5,725	2.7%
Other Tankers	306	0.4%	684	0.5%	990	0.5%
Passenger Ships	2,779	3.5%	8,028	6.2%	10,807	5.1%
Offshore Vessels	2,012	2.5%	8,492	6.5%	10,503	5.0%
Service Ships	1,119	1.4%	5,904	4.5%	7,023	3.3%
Tugs	144	0.2%	740	0.6%	883	0.4%
<b>Total</b>	<b>80,032</b>	<b>100%</b>	<b>129,891</b>	<b>100%</b>	<b>209,923</b>	<b>100%</b>

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

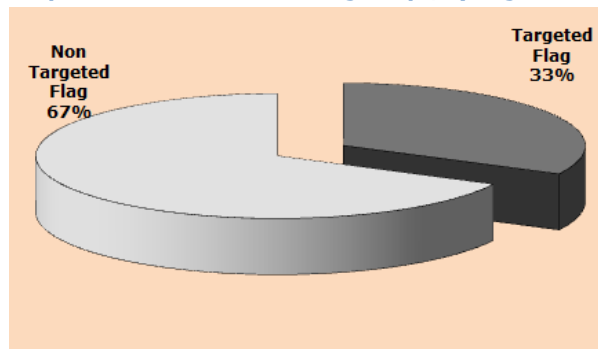
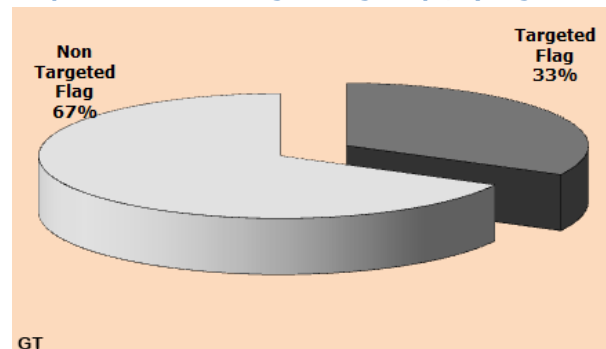
## LARGE SHIPS

**Table 17 - Total number of large<sup>(1)</sup> ships, by type and flag**

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	30	0.9%	151	2.3%	181	1.8%
Specialized Cargo Ships	15	0.5%	37	0.6%	52	0.5%
Container Ships	398	12.4%	1,188	17.8%	1,586	16.1%
Ro-Ro Cargo Ships	278	8.7%	325	4.9%	603	6.1%
Bulk Carriers	1,739	54.2%	2,874	43.2%	4,613	46.8%
Oil and Chemical Tankers	563	17.6%	1,695	25.5%	2,258	22.9%
Gas Tankers	62	1.9%	125	1.9%	187	1.9%
Other Tankers			5	0.1%	5	0.1%
Passenger Ships	95	3.0%	175	2.6%	270	2.7%
Offshore Vessels	23	0.7%	66	1.0%	89	0.9%
Service Ships	4	0.1%	19	0.3%	23	0.2%
Tugs						
<b>Total</b>	<b>3,207</b>	<b>100%</b>	<b>6,660</b>	<b>100%</b>	<b>9,867</b>	<b>100%</b>

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	968	0.8%	4,811	1.9%	5,779	1.5%
Specialized Cargo Ships	530	0.4%	1,377	0.5%	1,908	0.5%
Container Ships	15,593	12.8%	46,189	18.4%	61,781	16.6%
Ro-Ro Cargo Ships	13,233	10.9%	14,907	5.9%	28,140	7.5%
Bulk Carriers	63,934	52.4%	103,726	41.3%	167,659	45.0%
Oil and Chemical Tankers	20,411	16.7%	64,292	25.6%	84,702	22.7%
Gas Tankers	2,727	2.2%	5,494	2.2%	8,222	2.2%
Other Tankers			162	0.1%	162	0.0%
Passenger Ships	3,374	2.8%	6,238	2.5%	9,612	2.6%
Offshore Vessels	1,038	0.9%	2,998	1.2%	4,035	1.1%
Service Ships	144	0.1%	720	0.3%	864	0.2%
Tugs						
<b>Total</b>	<b>121,951</b>	<b>100%</b>	<b>250,913</b>	<b>100%</b>	<b>372,865</b>	<b>100%</b>

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

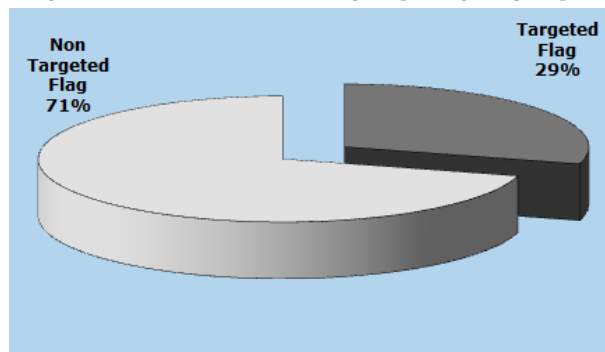
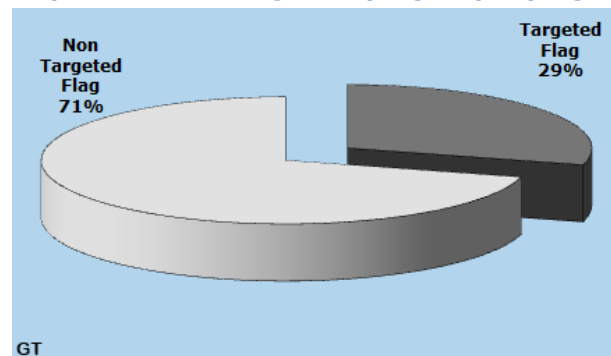
## VERY LARGE SHIPS

**Table 19 - Total number of very large<sup>(1)</sup> ships, by type and flag**

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	265	19.5%	691	21.2%	956	20.7%
Ro-Ro Cargo Ships	67	4.9%	89	2.7%	156	3.4%
Bulk Carriers	612	45.1%	857	26.3%	1,469	31.8%
Oil and Chemical Tankers	290	21.4%	1,144	35.1%	1,434	31.1%
Gas Tankers	45	3.3%	288	8.8%	333	7.2%
Other Tankers						
Passenger Ships	56	4.1%	85	2.6%	141	3.1%
Offshore Vessels	21	1.5%	103	3.2%	124	2.7%
Service Ships			4	0.1%	4	0.1%
Tugs						
<b>Total</b>	<b>1,356</b>	<b>100%</b>	<b>3,261</b>	<b>100%</b>	<b>4,617</b>	<b>100%</b>

Source: Equasis <sup>(1)</sup>GT≥60,000**Table 20 - Gross tonnage (in 1000 t) of very large<sup>(1)</sup> ships, by type and flag**

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	24,381	18.2%	62,415	19.3%	86,795	19.0%
Ro-Ro Cargo Ships	4,309	3.2%	5,769	1.8%	10,078	2.2%
Bulk Carriers	57,610	43.0%	83,629	25.8%	141,239	30.8%
Oil and Chemical Tankers	35,297	26.3%	121,888	37.6%	157,185	34.3%
Gas Tankers	4,653	3.5%	31,210	9.6%	35,863	7.8%
Other Tankers						
Passenger Ships	5,429	4.1%	8,155	2.5%	13,585	3.0%
Offshore Vessels	2,328	1.7%	10,466	3.2%	12,794	2.8%
Service Ships			361	0.1%	361	0.1%
Tugs						
<b>Total</b>	<b>134,008</b>	<b>100%</b>	<b>323,893</b>	<b>100%</b>	<b>457,901</b>	<b>100%</b>

Source: Equasis <sup>(1)</sup>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 2012, IACS consisted of 13 member societies:

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Classification Society (CCS)
- Croatian Register of Shipping (CRS)
- Det Norske Veritas (DNV)
- Germanischer Lloyd (GL)
- Indian Register of Shipping (IRS)
- Korean Register of Shipping (KR)
- Lloyd's Register of Shipping (LR)
- Nippon Kaiji Kyokai (NK)
- 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≥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 Fairplay when available.

There are about 8,757 ships for which no classification data is available at all in Equasis. This equates to a tonnage of 17,124,000 tons, which represents 11% by number and 2% by tonnage of the entire fleet. When considering only ships above 500GT, the figures drop to 3,856 ships, representing a tonnage of 15,888 tons (8% and 1% respectively). They are mainly small tugs and small to medium general cargo ships. For simplicity reasons, but also because the IACS Classification Societies provide their data directly to Equasis (ie: 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) and USCG regions in 2012. All detentions are taken into account, irrespective of whether or not the deficiencies giving rise to the detention were indicated by PSC as being related to the activities of the Classification Society/Recognised Organisation.

## RESULTS

Graph 21 shows that the Equasis fleet over 500 GT is dominated by ships classed by IACS members (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 (43.3%) 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 98% and 99.6% 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 almost all medium sized (Tables 23, 25, 27).

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 92% of ships aged up to 5 years to 45% of the fleet over 25 years old.

The safety performance of the Equasis fleet over 500 GT, as measured by detention rate, shows that 3.4% of inspections resulted in detention in 2012. Those ships using a Class Society that is a member of IACS were less likely to be detained in 2012 (2.67%) than those classed with non-IACS members or with no recorded class (11.04%).

The number of inspections on vessels in the large and 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 for these categories is meaningless. This is because it is based on only 46 inspections on 18 different ships for the large ship size category and 14 inspections on 8 different ships for the very large size category (to be compared to 5351 inspections on 1894 ships for the medium ship size category of ships 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	6,830	17.4%	4,950	43.3%	11,780	23.3%
Specialized Cargo Ships	175	0.4%	75	0.7%	250	0.5%
Container Ships	4,607	11.8%	235	2.1%	4,842	9.6%
Ro-Ro Cargo Ships	1,262	3.2%	176	1.5%	1,438	2.8%
Bulk Carriers	8,713	22.2%	857	7.5%	9,570	18.9%
Oil and Chemical Tankers	8,341	21.3%	1,632	14.3%	9,973	19.7%
Gas Tankers	1,402	3.6%	136	1.2%	1,538	3.0%
Other Tankers	270	0.7%	183	1.6%	453	0.9%
Passenger Ships	1,509	3.8%	1,384	12.1%	2,893	5.7%
Offshore Vessels	4,201	10.7%	560	4.9%	4,761	9.4%
Service Ships	1,256	3.2%	990	8.7%	2,246	4.4%
Tugs	630	1.6%	254	2.2%	884	1.7%
<b>Total</b>	<b>39,196</b>	<b>100%</b>	<b>11,432</b>	<b>100%</b>	<b>50,628</b>	<b>100%</b>

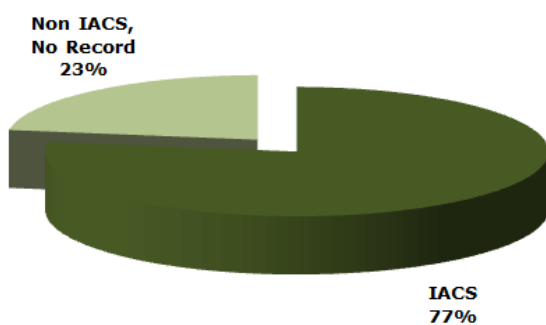
Source: Equasis - IACS membership on 31/12/2012

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

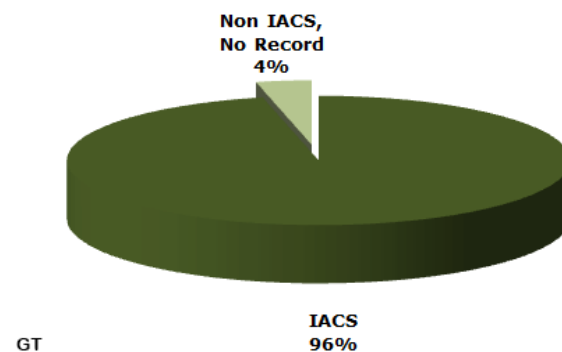
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	44,320	4.4%	11,288	30.3%	55,607	5.3%
Specialized Cargo Ships	3,072	0.3%	312	0.8%	3,383	0.3%
Container Ships	173,852	17.3%	1,770	4.8%	175,621	16.9%
Ro-Ro Cargo Ships	43,946	4.4%	798	2.1%	44,744	4.3%
Bulk Carriers	349,150	34.8%	10,244	27.5%	359,395	34.5%
Oil and Chemical Tankers	275,443	27.4%	5,066	13.6%	280,509	27.0%
Gas Tankers	49,624	4.9%	187	0.5%	49,810	4.8%
Other Tankers	951	0.1%	201	0.5%	1,152	0.1%
Passenger Ships	30,255	3.0%	3,749	10.1%	34,004	3.3%
Offshore Vessels	25,958	2.6%	1,374	3.7%	27,332	2.6%
Service Ships	6,250	0.6%	1,998	5.4%	8,248	0.8%
Tugs	665	0.1%	218	0.6%	883	0.1%
<b>Total</b>	<b>1,003,484</b>	<b>100%</b>	<b>37,204</b>	<b>100%</b>	<b>1,040,688</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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



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



## MEDIUM SHIPS

**Table 23 - Total number of medium<sup>(1)</sup> ships, by type and class**

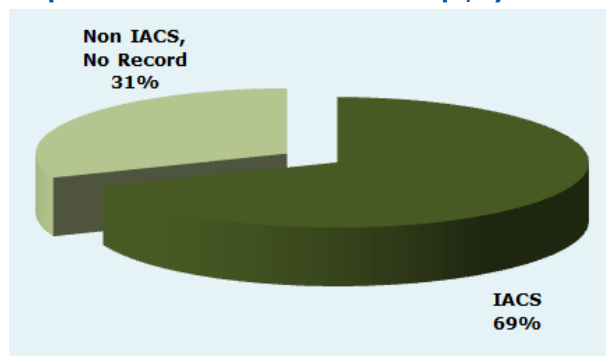
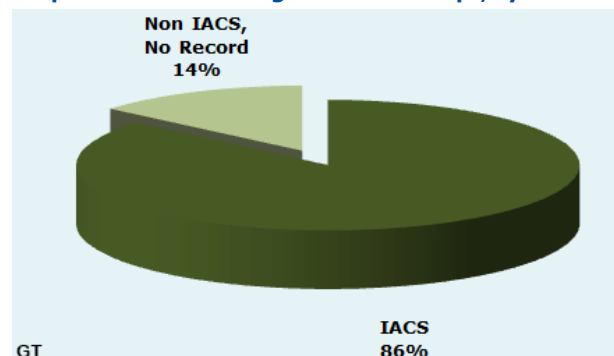
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,650	26.7%	4,949	44.1%	11,599	32.1%
Specialized Cargo Ships	125	0.5%	73	0.7%	198	0.5%
Container Ships	2,076	8.3%	224	2.0%	2,300	6.4%
Ro-Ro Cargo Ships	503	2.0%	176	1.6%	679	1.9%
Bulk Carriers	2,784	11.2%	704	6.3%	3,488	9.7%
Oil and Chemical Tankers	4,672	18.7%	1,609	14.3%	6,281	17.4%
Gas Tankers	882	3.5%	136	1.2%	1,018	2.8%
Other Tankers	265	1.1%	183	1.6%	448	1.2%
Passenger Ships	1,103	4.4%	1,379	12.3%	2,482	6.9%
Offshore Vessels	3,998	16.0%	550	4.9%	4,548	12.6%
Service Ships	1,232	4.9%	987	8.8%	2,219	6.1%
Tugs	630	2.5%	254	2.3%	884	2.4%
<b>Total</b>	<b>24,920</b>	<b>100%</b>	<b>11,224</b>	<b>100%</b>	<b>36,144</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 500≤GT<25.000 - IACS membership on 31/12/2012

**Table 24 - Gross tonnage (in 1000 t) of medium<sup>(1)</sup> ships, by type and class**

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	38,574	21.3%	11,254	38.8%	49,828	23.7%
Specialized Cargo Ships	1,233	0.7%	243	0.8%	1,476	0.7%
Container Ships	25,829	14.3%	1,216	4.2%	27,044	12.9%
Ro-Ro Cargo Ships	5,728	3.2%	798	2.7%	6,526	3.1%
Bulk Carriers	45,283	25.0%	5,213	18.0%	50,496	24.1%
Oil and Chemical Tankers	34,922	19.3%	3,699	12.7%	38,621	18.4%
Gas Tankers	5,539	3.1%	187	0.6%	5,725	2.7%
Other Tankers	789	0.4%	201	0.7%	990	0.5%
Passenger Ships	7,249	4.0%	3,558	12.3%	10,807	5.1%
Offshore Vessels	9,897	5.5%	606	2.1%	10,503	5.0%
Service Ships	5,178	2.9%	1,844	6.4%	7,023	3.3%
Tugs	665	0.4%	218	0.8%	883	0.4%
<b>Total</b>	<b>180,887</b>	<b>100%</b>	<b>29,036</b>	<b>100%</b>	<b>209,923</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 500≤GT<25.000 - IACS membership on 31/12/2012

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

## LARGE SHIPS

**Table 25 - Total number of large<sup>(1)</sup> ships, by type and class**

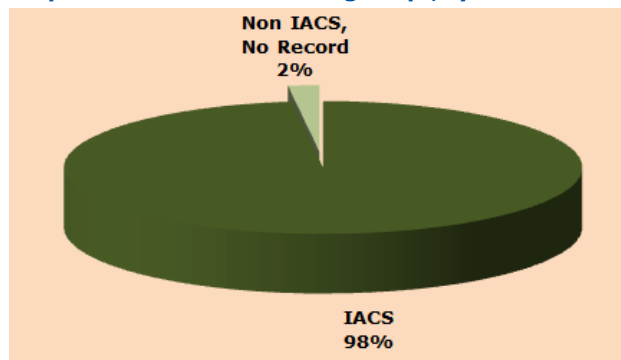
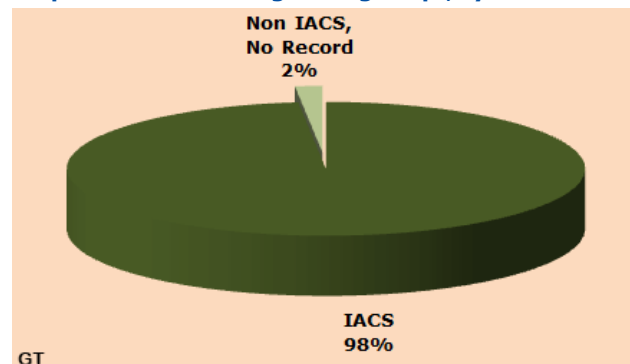
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	180	1.9%	1	0.5%	181	1.8%
Specialized Cargo Ships	50	0.5%	2	1.0%	52	0.5%
Container Ships	1,579	16.3%	7	3.7%	1,586	16.1%
Ro-Ro Cargo Ships	603	6.2%			603	6.1%
Bulk Carriers	4,463	46.1%	150	78.5%	4,613	46.8%
Oil and Chemical Tankers	2,239	23.1%	19	9.9%	2,258	22.9%
Gas Tankers	187	1.9%			187	1.9%
Other Tankers	5	0.1%			5	0.1%
Passenger Ships	266	2.7%	4	2.1%	270	2.7%
Offshore Vessels	83	0.9%	6	3.1%	89	0.9%
Service Ships	21	0.2%	2	1.0%	23	0.2%
Tugs						
<b>Total</b>	<b>9,676</b>	<b>100%</b>	<b>191</b>	<b>100%</b>	<b>9,867</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2012

**Table 26 - Gross tonnage (in 1000 t) of large<sup>(1)</sup> ships, by type and class**

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	5,745	1.6%	34	0.5%	5,779	1.5%
Specialized Cargo Ships	1,839	0.5%	69	1.1%	1,908	0.5%
Container Ships	61,550	16.8%	231	3.6%	61,781	16.6%
Ro-Ro Cargo Ships	28,140	7.7%			28,140	7.5%
Bulk Carriers	162,942	44.5%	4,718	74.2%	167,659	45.0%
Oil and Chemical Tankers	83,891	22.9%	811	12.8%	84,702	22.7%
Gas Tankers	8,222	2.2%			8,222	2.2%
Other Tankers	162	0.0%			162	0.0%
Passenger Ships	9,491	2.6%	121	1.9%	9,612	2.6%
Offshore Vessels	3,746	1.0%	290	4.6%	4,035	1.1%
Service Ships	781	0.2%	82	1.3%	864	0.2%
Tugs						
<b>Total</b>	<b>366,509</b>	<b>100%</b>	<b>6,356</b>	<b>100%</b>	<b>372,865</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000 ≤ GT < 60.000 - IACS membership on 31/12/2012

**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<sup>(1)</sup> ships, by type and class**

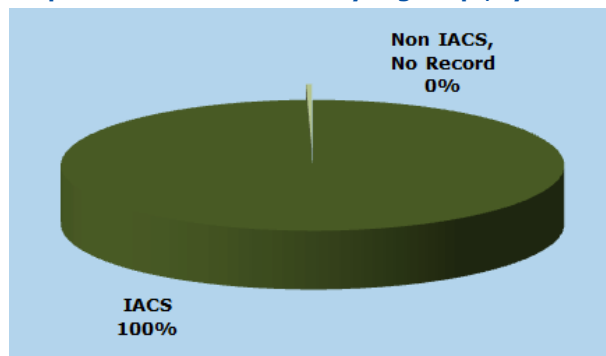
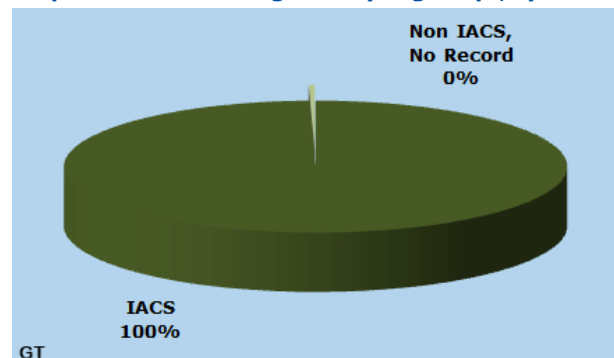
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	952	20.7%	4	23.5%	956	20.7%
Ro-Ro Cargo Ships	156	3.4%			156	3.4%
Bulk Carriers	1,466	31.9%	3	17.6%	1,469	31.8%
Oil and Chemical Tankers	1,430	31.1%	4	23.5%	1,434	31.1%
Gas Tankers	333	7.2%			333	7.2%
Other Tankers						
Passenger Ships	140	3.0%	1	5.9%	141	3.1%
Offshore Vessels	120	2.6%	4	23.5%	124	2.7%
Service Ships	3	0.1%	1	5.9%	4	0.1%
Tugs						
<b>Total</b>	<b>4,600</b>	<b>100%</b>	<b>17</b>	<b>100%</b>	<b>4,617</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup>GT≥60.000 - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	86,473	19.0%	322	17.8%	86,795	19.0%
Ro-Ro Cargo Ships	10,078	2.2%			10,078	2.2%
Bulk Carriers	140,925	30.9%	314	17.3%	141,239	30.8%
Oil and Chemical Tankers	156,629	34.3%	556	30.7%	157,185	34.3%
Gas Tankers	35,863	7.9%			35,863	7.8%
Other Tankers						
Passenger Ships	13,515	3.0%	70	3.9%	13,585	3.0%
Offshore Vessels	12,315	2.7%	478	26.4%	12,794	2.8%
Service Ships	290	0.1%	71	3.9%	361	0.1%
Tugs						
<b>Total</b>	<b>456,088</b>	<b>100%</b>	<b>1,812</b>	<b>100%</b>	<b>457,901</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup>GT≥60.000 - IACS membership on 31/12/2012

**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**

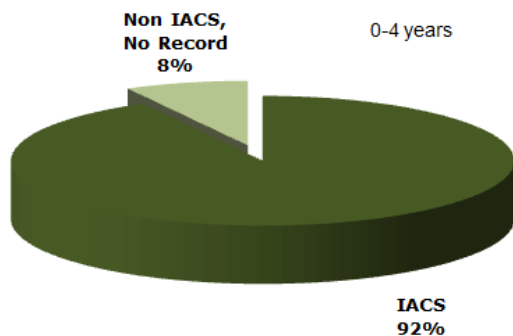
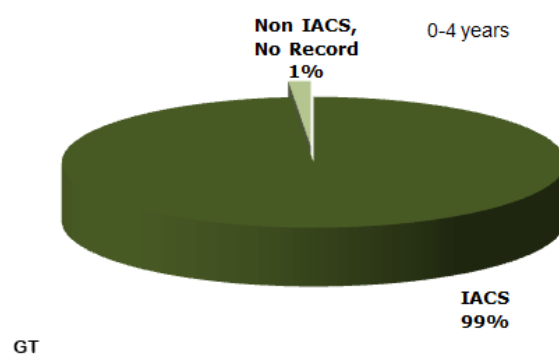
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,489	11.3%	444	39.2%	1,933	13.5%
Specialized Cargo Ships	51	0.4%	6	0.5%	57	0.4%
Container Ships	1,323	10.0%	49	4.3%	1,372	9.6%
Ro-Ro Cargo Ships	368	2.8%	3	0.3%	371	2.6%
Bulk Carriers	4,056	30.7%	270	23.8%	4,326	30.2%
Oil and Chemical Tankers	3,014	22.8%	103	9.1%	3,117	21.8%
Gas Tankers	438	3.3%			438	3.1%
Other Tankers	100	0.8%	11	1.0%	111	0.8%
Passenger Ships	203	1.5%	132	11.6%	335	2.3%
Offshore Vessels	1,730	13.1%	40	3.5%	1,770	12.4%
Service Ships	238	1.8%	61	5.4%	299	2.1%
Tugs	182	1.4%	15	1.3%	197	1.4%
<b>Total</b>	<b>13,192</b>	<b>100%</b>	<b>1,134</b>	<b>100%</b>	<b>14,326</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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	13,182	3.1%	1,258	20.1%	14,440	3.3%
Specialized Cargo Ships	800	0.2%	33	0.5%	833	0.2%
Container Ships	69,164	16.0%	408	6.5%	69,571	15.9%
Ro-Ro Cargo Ships	17,068	4.0%	6	0.1%	17,075	3.9%
Bulk Carriers	182,984	42.4%	2,873	46.0%	185,857	42.4%
Oil and Chemical Tankers	111,770	25.9%	879	14.1%	112,649	25.7%
Gas Tankers	19,715	4.6%			19,715	4.5%
Other Tankers	416	0.1%	16	0.3%	432	0.1%
Passenger Ships	6,417	1.5%	525	8.4%	6,942	1.6%
Offshore Vessels	8,560	2.0%	76	1.2%	8,636	2.0%
Service Ships	1,638	0.4%	161	2.6%	1,799	0.4%
Tugs	190	0.0%	14	0.2%	204	0.0%
<b>Total</b>	<b>431,904</b>	<b>100%</b>	<b>6,248</b>	<b>100%</b>	<b>438,152</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

## 0-4 YEARS OLD MEDIUM SHIPS

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

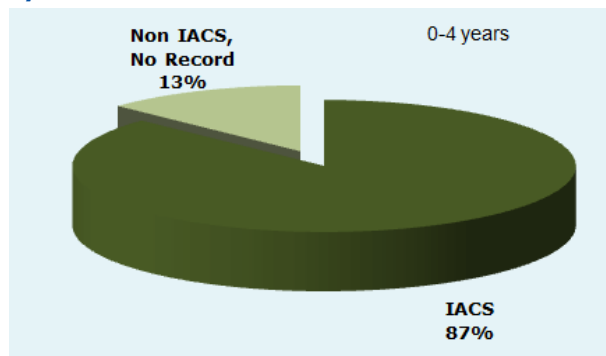
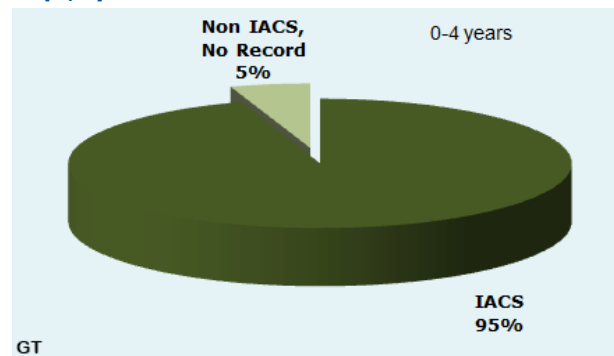
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,444	20.3%	443	41.9%	1,887	23.1%
Specialized Cargo Ships	43	0.6%	6	0.6%	49	0.6%
Container Ships	423	5.9%	47	4.4%	470	5.7%
Ro-Ro Cargo Ships	48	0.7%	3	0.3%	51	0.6%
Bulk Carriers	1,067	15.0%	207	19.6%	1,274	15.6%
Oil and Chemical Tankers	1,543	21.7%	96	9.1%	1,639	20.0%
Gas Tankers	252	3.5%			252	3.1%
Other Tankers	99	1.4%	11	1.0%	110	1.3%
Passenger Ships	124	1.7%	129	12.2%	253	3.1%
Offshore Vessels	1,667	23.4%	39	3.7%	1,706	20.9%
Service Ships	228	3.2%	61	5.8%	289	3.5%
Tugs	182	2.6%	15	1.4%	197	2.4%
<b>Total</b>	<b>7,120</b>	<b>100%</b>	<b>1,057</b>	<b>100%</b>	<b>8,177</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	11,533	19.2%	1,224	37.6%	12,758	20.1%
Specialized Cargo Ships	508	0.8%	33	1.0%	541	0.9%
Container Ships	5,673	9.4%	242	7.4%	5,916	9.3%
Ro-Ro Cargo Ships	666	1.1%	6	0.2%	673	1.1%
Bulk Carriers	20,411	34.0%	871	26.7%	21,282	33.6%
Oil and Chemical Tankers	12,169	20.3%	210	6.5%	12,379	19.5%
Gas Tankers	1,961	3.3%			1,961	3.1%
Other Tankers	382	0.6%	16	0.5%	397	0.6%
Passenger Ships	561	0.9%	431	13.2%	992	1.6%
Offshore Vessels	4,766	7.9%	51	1.6%	4,817	7.6%
Service Ships	1,262	2.1%	161	4.9%	1,423	2.2%
Tugs	190	0.3%	14	0.4%	204	0.3%
<b>Total</b>	<b>60,082</b>	<b>100%</b>	<b>3,260</b>	<b>100%</b>	<b>63,342</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

## 0-4 YEARS OLD LARGE SHIPS

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

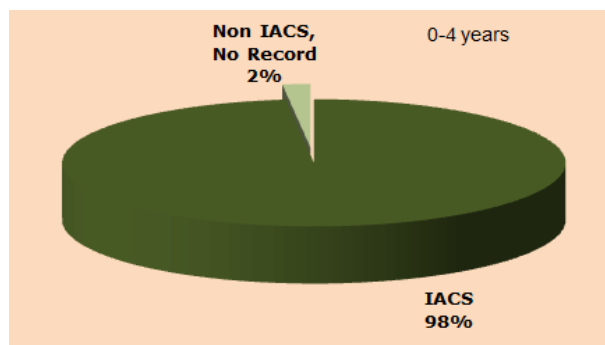
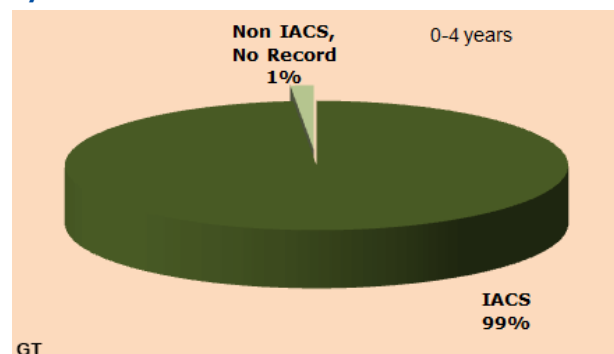
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	45	1.2%	1	1.4%	46	1.2%
Specialized Cargo Ships	8	0.2%			8	0.2%
Container Ships	478	12.3%			478	12.1%
Ro-Ro Cargo Ships	233	6.0%			233	5.9%
Bulk Carriers	2,170	55.8%	63	88.7%	2,233	56.4%
Oil and Chemical Tankers	810	20.8%	3	4.2%	813	20.5%
Gas Tankers	60	1.5%			60	1.5%
Other Tankers	1	0.0%			1	0.0%
Passenger Ships	39	1.0%	3	4.2%	42	1.1%
Offshore Vessels	32	0.8%	1	1.4%	33	0.8%
Service Ships	10	0.3%			10	0.3%
Tugs						
<b>Total</b>	<b>3,886</b>	<b>100%</b>	<b>71</b>	<b>100%</b>	<b>3,957</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,648	1.1%	34	1.5%	1,682	1.1%
Specialized Cargo Ships	291	0.2%			291	0.2%
Container Ships	19,067	12.8%			19,067	12.6%
Ro-Ro Cargo Ships	10,769	7.2%			10,769	7.1%
Bulk Carriers	82,623	55.3%	2,002	88.3%	84,625	55.8%
Oil and Chemical Tankers	29,002	19.4%	113	5.0%	29,116	19.2%
Gas Tankers	2,752	1.8%			2,752	1.8%
Other Tankers	34	0.0%			34	0.0%
Passenger Ships	1,376	0.9%	94	4.1%	1,470	1.0%
Offshore Vessels	1,510	1.0%	25	1.1%	1,535	1.0%
Service Ships	376	0.3%			376	0.2%
Tugs						
<b>Total</b>	<b>149,450</b>	<b>100%</b>	<b>2,268</b>	<b>100%</b>	<b>151,717</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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<sup>(1)</sup> ships, by type and class**

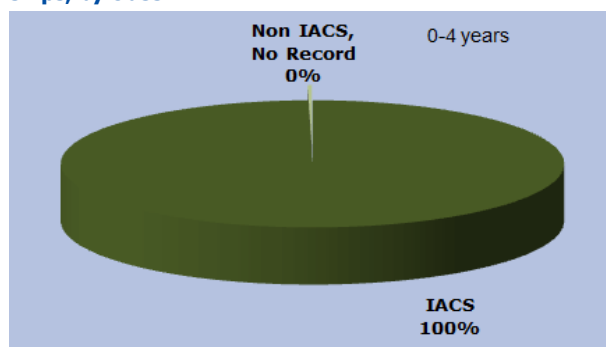
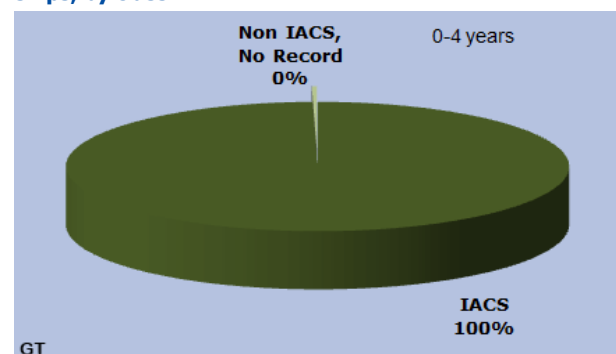
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	422	19.3%	2	33.3%	424	19.3%
Ro-Ro Cargo Ships	87	4.0%			87	4.0%
Bulk Carriers	819	37.5%			819	37.4%
Oil and Chemical Tankers	661	30.2%	4	66.7%	665	30.3%
Gas Tankers	126	5.8%			126	5.7%
Other Tankers						
Passenger Ships	40	1.8%			40	1.8%
Offshore Vessels	31	1.4%			31	1.4%
Service Ships						
Tugs						
<b>Total</b>	<b>2,186</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>2,192</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	44,423	20.0%	165	22.9%	44,588	20.0%
Ro-Ro Cargo Ships	5,632	2.5%			5,632	2.5%
Bulk Carriers	79,950	36.0%			79,950	35.8%
Oil and Chemical Tankers	70,598	31.7%	556	77.1%	71,154	31.9%
Gas Tankers	15,003	6.7%			15,003	6.7%
Other Tankers						
Passenger Ships	4,481	2.0%			4,481	2.0%
Offshore Vessels	2,285	1.0%			2,285	1.0%
Service Ships						
Tugs						
<b>Total</b>	<b>222,372</b>	<b>100%</b>	<b>721</b>	<b>100%</b>	<b>223,093</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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**

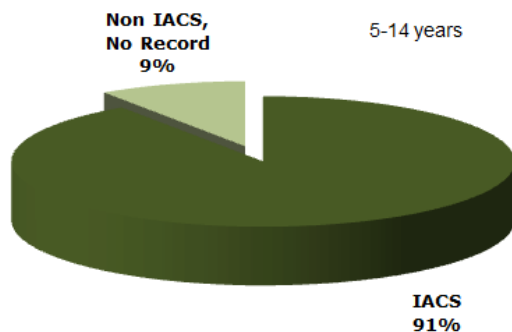
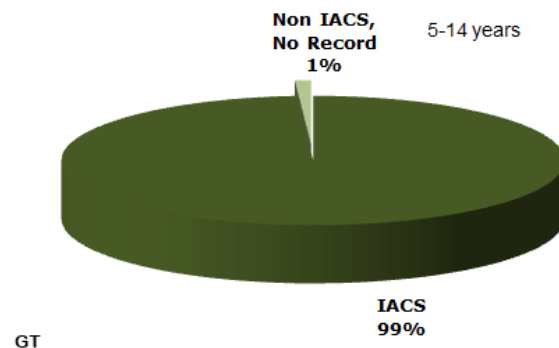
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	1,817	14.1%	543	40.1%	2,360	16.6%
Specialized Cargo Ships	22	0.2%	2	0.1%	24	0.2%
Container Ships	2,225	17.2%	62	4.6%	2,287	16.0%
Ro-Ro Cargo Ships	456	3.5%	8	0.6%	464	3.3%
Bulk Carriers	2,423	18.8%	72	5.3%	2,495	17.5%
Oil and Chemical Tankers	3,448	26.7%	143	10.6%	3,591	25.2%
Gas Tankers	463	3.6%	4	0.3%	467	3.3%
Other Tankers	41	0.3%	12	0.9%	53	0.4%
Passenger Ships	466	3.6%	258	19.1%	724	5.1%
Offshore Vessels	1,167	9.0%	66	4.9%	1,233	8.7%
Service Ships	234	1.8%	162	12.0%	396	2.8%
Tugs	139	1.1%	21	1.6%	160	1.1%
<b>Total</b>	<b>12,901</b>	<b>100%</b>	<b>1,353</b>	<b>100%</b>	<b>14,254</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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	12,966	3.5%	1,238	31.3%	14,204	3.7%
Specialized Cargo Ships	311	0.1%	21	0.5%	332	0.1%
Container Ships	79,969	21.3%	627	15.8%	80,597	21.2%
Ro-Ro Cargo Ships	17,283	4.6%	12	0.3%	17,295	4.6%
Bulk Carriers	93,483	24.9%	406	10.2%	93,889	24.8%
Oil and Chemical Tankers	132,086	35.2%	353	8.9%	132,439	34.9%
Gas Tankers	18,996	5.1%	7	0.2%	19,003	5.0%
Other Tankers	235	0.1%	19	0.5%	255	0.1%
Passenger Ships	12,814	3.4%	817	20.6%	13,631	3.6%
Offshore Vessels	5,654	1.5%	119	3.0%	5,773	1.5%
Service Ships	1,391	0.4%	319	8.0%	1,710	0.5%
Tugs	169	0.0%	21	0.5%	191	0.1%
<b>Total</b>	<b>375,357</b>	<b>100%</b>	<b>3,960</b>	<b>100%</b>	<b>379,317</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

## 5-14 YEARS OLD MEDIUM SHIPS

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

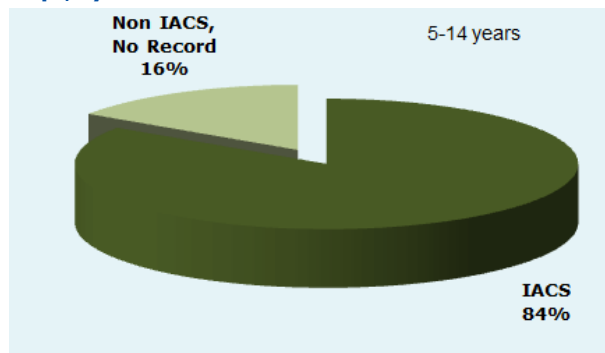
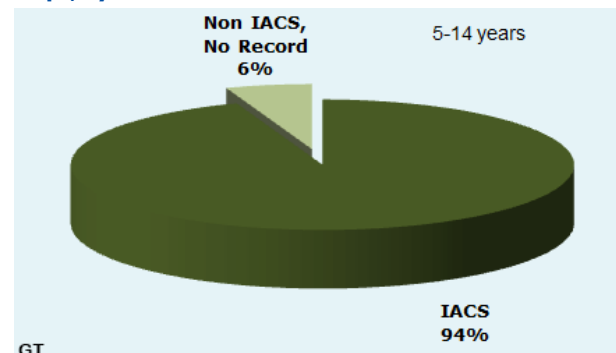
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,764	24.5%	543	40.5%	2,307	27.0%
Specialized Cargo Ships	19	0.3%	2	0.1%	21	0.2%
Container Ships	955	13.2%	54	4.0%	1,009	11.8%
Ro-Ro Cargo Ships	168	2.3%	8	0.6%	176	2.1%
Bulk Carriers	603	8.4%	68	5.1%	671	7.8%
Oil and Chemical Tankers	1,636	22.7%	143	10.7%	1,779	20.8%
Gas Tankers	253	3.5%	4	0.3%	257	3.0%
Other Tankers	38	0.5%	12	0.9%	50	0.6%
Passenger Ships	277	3.8%	258	19.3%	535	6.3%
Offshore Vessels	1,130	15.7%	65	4.9%	1,195	14.0%
Service Ships	230	3.2%	162	12.1%	392	4.6%
Tugs	139	1.9%	21	1.6%	160	1.9%
<b>Total</b>	<b>7,212</b>	<b>100%</b>	<b>1,340</b>	<b>100%</b>	<b>8,552</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	11,308	19.7%	1,238	36.8%	12,545	20.7%
Specialized Cargo Ships	191	0.3%	21	0.6%	213	0.4%
Container Ships	11,766	20.5%	273	8.1%	12,039	19.8%
Ro-Ro Cargo Ships	2,339	4.1%	12	0.4%	2,350	3.9%
Bulk Carriers	9,253	16.1%	222	6.6%	9,475	15.6%
Oil and Chemical Tankers	14,956	26.1%	353	10.5%	15,309	25.2%
Gas Tankers	1,632	2.8%	7	0.2%	1,639	2.7%
Other Tankers	136	0.2%	19	0.6%	156	0.3%
Passenger Ships	1,517	2.6%	817	24.3%	2,334	3.8%
Offshore Vessels	2,792	4.9%	60	1.8%	2,852	4.7%
Service Ships	1,245	2.2%	319	9.5%	1,564	2.6%
Tugs	169	0.3%	21	0.6%	191	0.3%
<b>Total</b>	<b>57,305</b>	<b>100%</b>	<b>3,363</b>	<b>100%</b>	<b>60,667</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

## 5-14 YEARS OLD LARGE SHIPS

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

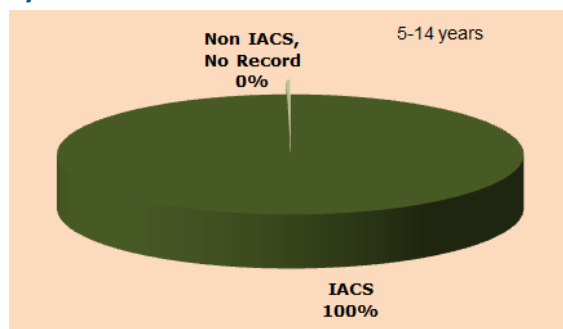
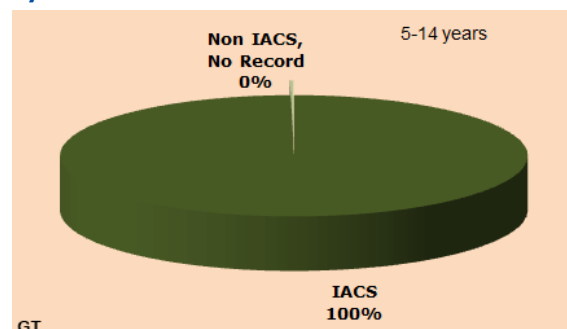
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	53	1.4%			53	1.4%
Specialized Cargo Ships	3	0.1%			3	0.1%
Container Ships	799	20.5%	6	60.0%	805	20.6%
Ro-Ro Cargo Ships	226	5.8%			226	5.8%
Bulk Carriers	1,466	37.5%	3	30.0%	1,469	37.5%
Oil and Chemical Tankers	1,154	29.5%			1,154	29.5%
Gas Tankers	70	1.8%			70	1.8%
Other Tankers	3	0.1%			3	0.1%
Passenger Ships	113	2.9%			113	2.9%
Offshore Vessels	16	0.4%	1	10.0%	17	0.4%
Service Ships	4	0.1%			4	0.1%
Tugs						
<b>Total</b>	<b>3,907</b>	<b>100%</b>	<b>10</b>	<b>100%</b>	<b>3,917</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	1,658	1.1%			1,658	1.1%
Specialized Cargo Ships	120	0.1%			120	0.1%
Container Ships	30,139	20.4%	197	55.9%	30,336	20.5%
Ro-Ro Cargo Ships	10,972	7.4%			10,972	7.4%
Bulk Carriers	52,217	35.4%	96	27.3%	52,313	35.4%
Oil and Chemical Tankers	44,305	30.1%			44,305	30.0%
Gas Tankers	3,003	2.0%			3,003	2.0%
Other Tankers	99	0.1%			99	0.1%
Passenger Ships	4,033	2.7%			4,033	2.7%
Offshore Vessels	711	0.5%	59	16.8%	770	0.5%
Service Ships	146	0.1%			146	0.1%
Tugs						
<b>Total</b>	<b>147,404</b>	<b>100%</b>	<b>353</b>	<b>100%</b>	<b>147,756</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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<sup>(1)</sup> ships, by type and class**

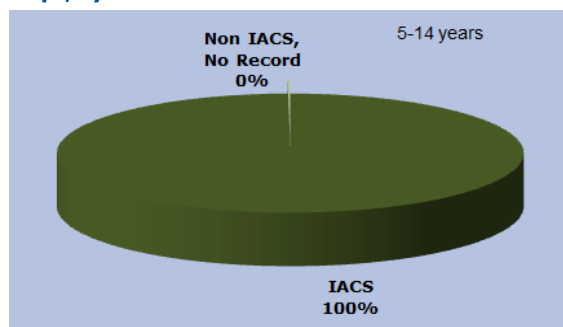
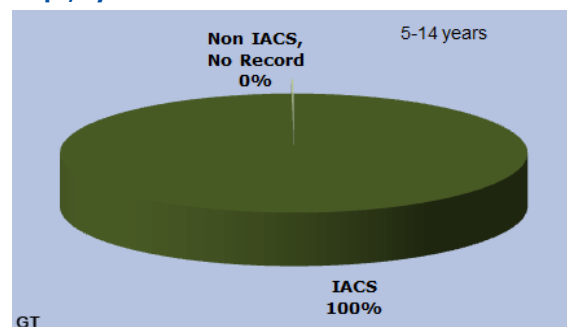
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	471	26.4%	2	66.7%	473	26.5%
Ro-Ro Cargo Ships	62	3.5%			62	3.5%
Bulk Carriers	354	19.9%	1	33.3%	355	19.9%
Oil and Chemical Tankers	658	36.9%			658	36.9%
Gas Tankers	140	7.9%			140	7.8%
Other Tankers						
Passenger Ships	76	4.3%			76	4.3%
Offshore Vessels	21	1.2%			21	1.2%
Service Ships						
Tugs						
<b>Total</b>	<b>1,782</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>1,785</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	38,064	22.3%	157	64.3%	38,221	22.4%
Ro-Ro Cargo Ships	3,972	2.3%			3,972	2.3%
Bulk Carriers	32,013	18.8%	87	35.7%	32,101	18.8%
Oil and Chemical Tankers	72,825	42.7%			72,825	42.6%
Gas Tankers	14,361	8.4%			14,361	8.4%
Other Tankers						
Passenger Ships	7,263	4.3%			7,263	4.3%
Offshore Vessels	2,150	1.3%			2,150	1.3%
Service Ships						
Tugs						
<b>Total</b>	<b>170,649</b>	<b>100%</b>	<b>245</b>	<b>100%</b>	<b>170,894</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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**

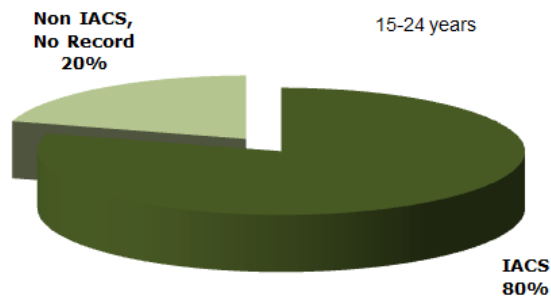
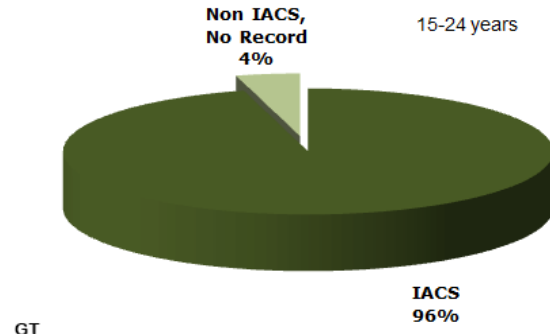
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,886	26.0%	819	43.9%	2,705	29.7%
Specialized Cargo Ships	34	0.5%	2	0.1%	36	0.4%
Container Ships	943	13.0%	56	3.0%	999	11.0%
Ro-Ro Cargo Ships	214	3.0%	26	1.4%	240	2.6%
Bulk Carriers	1,471	20.3%	121	6.5%	1,592	17.5%
Oil and Chemical Tankers	1,364	18.8%	293	15.7%	1,657	18.2%
Gas Tankers	357	4.9%	13	0.7%	370	4.1%
Other Tankers	57	0.8%	29	1.6%	86	0.9%
Passenger Ships	411	5.7%	330	17.7%	741	8.1%
Offshore Vessels	207	2.9%	16	0.9%	223	2.4%
Service Ships	240	3.3%	145	7.8%	385	4.2%
Tugs	63	0.9%	16	0.9%	79	0.9%
<b>Total</b>	<b>7,247</b>	<b>100%</b>	<b>1,866</b>	<b>100%</b>	<b>9,113</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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	10,570	7.4%	1,620	25.6%	12,191	8.2%
Specialized Cargo Ships	724	0.5%	2	0.0%	726	0.5%
Container Ships	22,166	15.5%	412	6.5%	22,578	15.1%
Ro-Ro Cargo Ships	4,815	3.4%	114	1.8%	4,929	3.3%
Bulk Carriers	57,187	40.0%	1,541	24.3%	58,728	39.3%
Oil and Chemical Tankers	28,438	19.9%	977	15.4%	29,415	19.7%
Gas Tankers	6,840	4.8%	29	0.5%	6,869	4.6%
Other Tankers	169	0.1%	31	0.5%	200	0.1%
Passenger Ships	6,665	4.7%	1,053	16.6%	7,718	5.2%
Offshore Vessels	4,116	2.9%	249	3.9%	4,365	2.9%
Service Ships	1,305	0.9%	276	4.4%	1,580	1.1%
Tugs	53	0.0%	25	0.4%	78	0.1%
<b>Total</b>	<b>143,049</b>	<b>100%</b>	<b>6,329</b>	<b>100%</b>	<b>149,378</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

## 15-24 YEARS OLD MEDIUM SHIPS

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

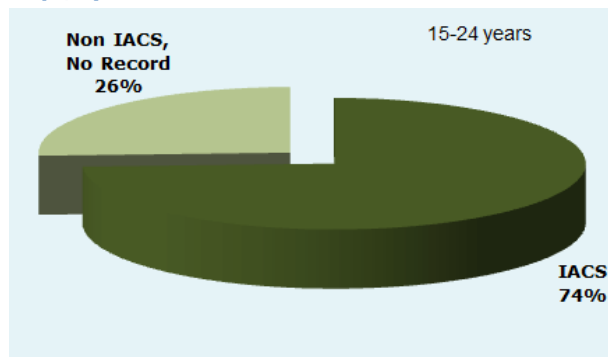
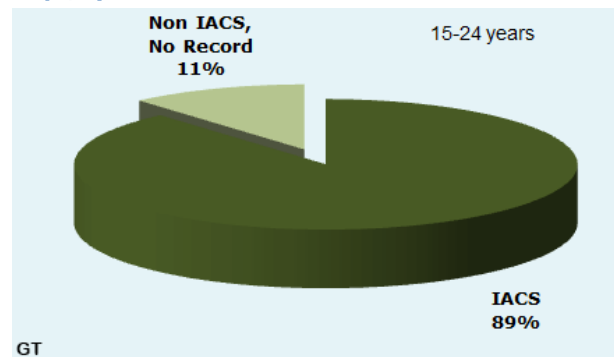
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,844	35.1%	819	44.9%	2,663	37.6%
Specialized Cargo Ships	19	0.4%	2	0.1%	21	0.3%
Container Ships	622	11.8%	55	3.0%	677	9.6%
Ro-Ro Cargo Ships	144	2.7%	26	1.4%	170	2.4%
Bulk Carriers	511	9.7%	89	4.9%	600	8.5%
Oil and Chemical Tankers	1,005	19.1%	286	15.7%	1,291	18.2%
Gas Tankers	281	5.3%	13	0.7%	294	4.2%
Other Tankers	56	1.1%	29	1.6%	85	1.2%
Passenger Ships	314	6.0%	329	18.0%	643	9.1%
Offshore Vessels	166	3.2%	14	0.8%	180	2.5%
Service Ships	236	4.5%	145	8.0%	381	5.4%
Tugs	63	1.2%	16	0.9%	79	1.1%
<b>Total</b>	<b>5,261</b>	<b>100%</b>	<b>1,823</b>	<b>100%</b>	<b>7,084</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	9,240	25.8%	1,620	35.0%	10,861	26.8%
Specialized Cargo Ships	117	0.3%	2	0.0%	119	0.3%
Container Ships	7,292	20.3%	378	8.2%	7,670	19.0%
Ro-Ro Cargo Ships	1,384	3.9%	114	2.5%	1,498	3.7%
Bulk Carriers	6,814	19.0%	458	9.9%	7,272	18.0%
Oil and Chemical Tankers	5,611	15.7%	678	14.6%	6,289	15.5%
Gas Tankers	1,505	4.2%	29	0.6%	1,535	3.8%
Other Tankers	140	0.4%	31	0.7%	171	0.4%
Passenger Ships	2,244	6.3%	982	21.2%	3,226	8.0%
Offshore Vessels	436	1.2%	33	0.7%	469	1.2%
Service Ships	1,006	2.8%	276	6.0%	1,282	3.2%
Tugs	53	0.1%	25	0.5%	78	0.2%
<b>Total</b>	<b>35,842</b>	<b>100%</b>	<b>4,627</b>	<b>100%</b>	<b>40,468</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

## 15-24 YEARS OLD LARGE SHIPS

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

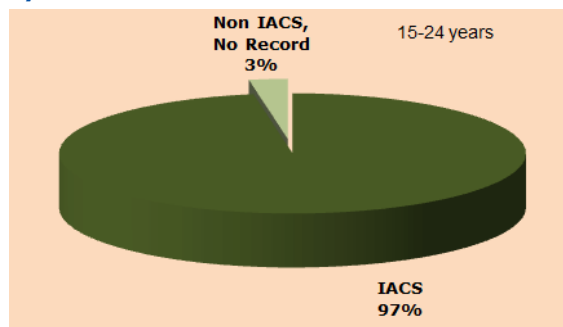
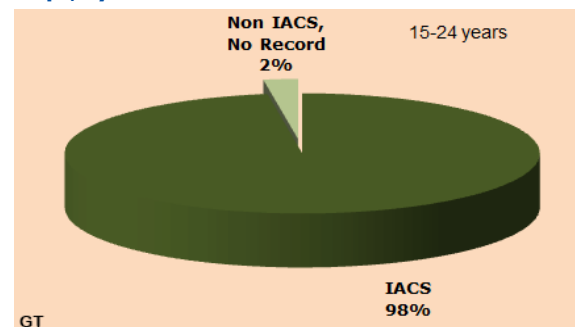
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	42	2.9%			42	2.8%
Specialized Cargo Ships	15	1.0%			15	1.0%
Container Ships	262	18.0%	1	2.5%	263	17.6%
Ro-Ro Cargo Ships	66	4.5%			66	4.4%
Bulk Carriers	685	47.1%	31	77.5%	716	47.9%
Oil and Chemical Tankers	250	17.2%	7	17.5%	257	17.2%
Gas Tankers	41	2.8%			41	2.7%
Other Tankers	1	0.1%			1	0.1%
Passenger Ships	74	5.1%			74	4.9%
Offshore Vessels	17	1.2%	1	2.5%	18	1.2%
Service Ships	2	0.1%			2	0.1%
Tugs						
<b>Total</b>	<b>1,455</b>	<b>100%</b>	<b>40</b>	<b>100%</b>	<b>1,495</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	1,330	2.4%			1,330	2.4%
Specialized Cargo Ships	608	1.1%			608	1.1%
Container Ships	10,888	20.0%	34	2.6%	10,923	19.6%
Ro-Ro Cargo Ships	3,157	5.8%			3,157	5.7%
Bulk Carriers	23,395	42.9%	929	70.9%	24,324	43.6%
Oil and Chemical Tankers	9,750	17.9%	299	22.8%	10,049	18.0%
Gas Tankers	1,743	3.2%			1,743	3.1%
Other Tankers	29	0.1%			29	0.1%
Passenger Ships	2,724	5.0%			2,724	4.9%
Offshore Vessels	833	1.5%	47	3.6%	880	1.6%
Service Ships	80	0.1%			80	0.1%
Tugs						
<b>Total</b>	<b>54,536</b>	<b>100%</b>	<b>1,309</b>	<b>100%</b>	<b>55,845</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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<sup>(1)</sup> ships, by type and class**

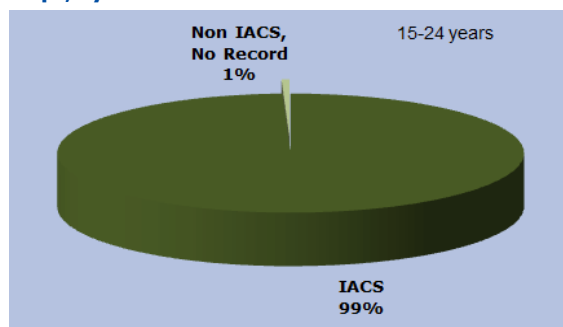
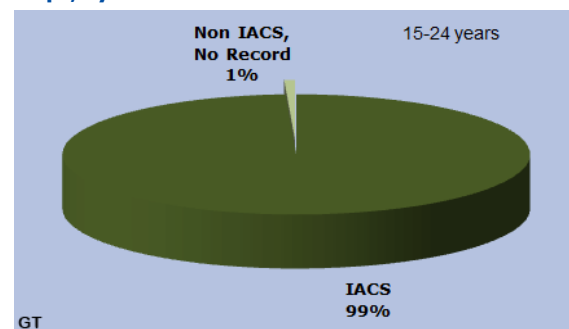
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	59	11.1%			59	11.0%
Ro-Ro Cargo Ships	4	0.8%			4	0.7%
Bulk Carriers	275	51.8%	1	33.3%	276	51.7%
Oil and Chemical Tankers	109	20.5%			109	20.4%
Gas Tankers	35	6.6%			35	6.6%
Other Tankers						
Passenger Ships	23	4.3%	1	33.3%	24	4.5%
Offshore Vessels	24	4.5%	1	33.3%	25	4.7%
Service Ships	2	0.4%			2	0.4%
Tugs						
<b>Total</b>	<b>531</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>534</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	3,986	7.6%			3,986	7.5%
Ro-Ro Cargo Ships	274	0.5%			274	0.5%
Bulk Carriers	26,978	51.2%	155	39.3%	27,132	51.1%
Oil and Chemical Tankers	13,077	24.8%			13,077	24.6%
Gas Tankers	3,592	6.8%			3,592	6.8%
Other Tankers						
Passenger Ships	1,697	3.2%	70	17.9%	1,767	3.3%
Offshore Vessels	2,848	5.4%	169	42.9%	3,016	5.7%
Service Ships	219	0.4%			219	0.4%
Tugs						
<b>Total</b>	<b>52,671</b>	<b>100%</b>	<b>394</b>	<b>100%</b>	<b>53,064</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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**

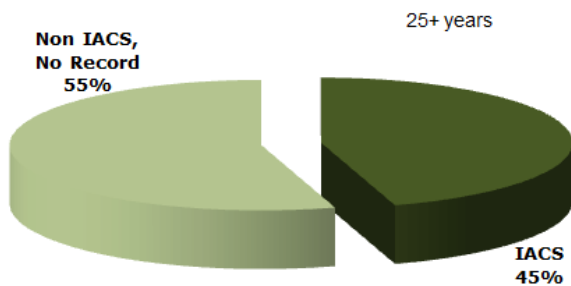
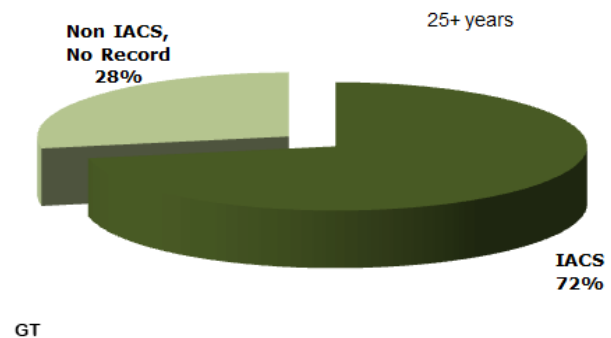
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,638	28.0%	3,144	44.4%	4,782	37.0%
Specialized Cargo Ships	68	1.2%	65	0.9%	133	1.0%
Container Ships	116	2.0%	68	1.0%	184	1.4%
Ro-Ro Cargo Ships	224	3.8%	139	2.0%	363	2.8%
Bulk Carriers	763	13.0%	394	5.6%	1,157	8.9%
Oil and Chemical Tankers	515	8.8%	1,093	15.4%	1,608	12.4%
Gas Tankers	144	2.5%	119	1.7%	263	2.0%
Other Tankers	72	1.2%	131	1.9%	203	1.6%
Passenger Ships	429	7.3%	664	9.4%	1,093	8.4%
Offshore Vessels	1,097	18.7%	438	6.2%	1,535	11.9%
Service Ships	544	9.3%	622	8.8%	1,166	9.0%
Tugs	246	4.2%	202	2.9%	448	3.5%
<b>Total</b>	<b>5,856</b>	<b>100%</b>	<b>7,079</b>	<b>100%</b>	<b>12,935</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

**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	7,602	14.3%	7,172	34.7%	14,773	20.0%
Specialized Cargo Ships	1,237	2.3%	256	1.2%	1,492	2.0%
Container Ships	2,553	4.8%	322	1.6%	2,875	3.9%
Ro-Ro Cargo Ships	4,780	9.0%	665	3.2%	5,445	7.4%
Bulk Carriers	15,497	29.1%	5,425	26.2%	20,921	28.3%
Oil and Chemical Tankers	3,149	5.9%	2,856	13.8%	6,006	8.1%
Gas Tankers	4,072	7.7%	150	0.7%	4,222	5.7%
Other Tankers	131	0.2%	135	0.7%	266	0.4%
Passenger Ships	4,358	8.2%	1,355	6.6%	5,714	7.7%
Offshore Vessels	7,627	14.3%	931	4.5%	8,558	11.6%
Service Ships	1,916	3.6%	1,243	6.0%	3,158	4.3%
Tugs	253	0.5%	158	0.8%	411	0.6%
<b>Total</b>	<b>53,174</b>	<b>100%</b>	<b>20,667</b>	<b>100%</b>	<b>73,841</b>	<b>100%</b>

Source: Equasis - IACS membership on 31/12/2012

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

## 25+ YEARS OLD MEDIUM SHIPS

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

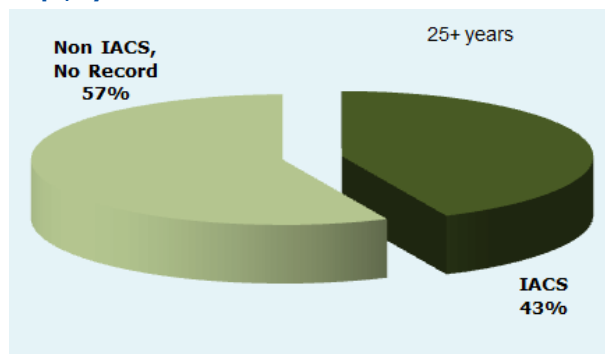
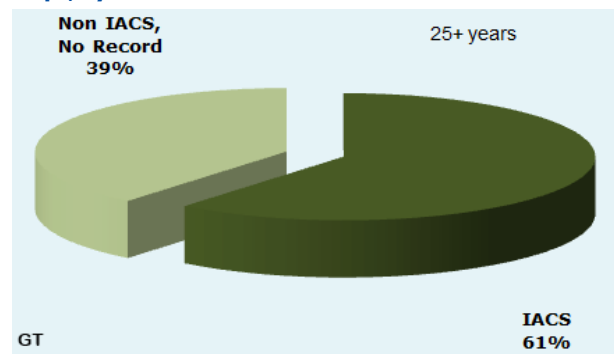
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,598	30.0%	3,144	44.9%	4,742	38.5%
Specialized Cargo Ships	44	0.8%	63	0.9%	107	0.9%
Container Ships	76	1.4%	68	1.0%	144	1.2%
Ro-Ro Cargo Ships	143	2.7%	139	2.0%	282	2.3%
Bulk Carriers	603	11.3%	340	4.9%	943	7.6%
Oil and Chemical Tankers	488	9.2%	1,084	15.5%	1,572	12.7%
Gas Tankers	96	1.8%	119	1.7%	215	1.7%
Other Tankers	72	1.4%	131	1.9%	203	1.6%
Passenger Ships	388	7.3%	663	9.5%	1,051	8.5%
Offshore Vessels	1,035	19.4%	432	6.2%	1,467	11.9%
Service Ships	538	10.1%	619	8.8%	1,157	9.4%
Tugs	246	4.6%	202	2.9%	448	3.6%
<b>Total</b>	<b>5,327</b>	<b>100%</b>	<b>7,004</b>	<b>100%</b>	<b>12,331</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 500≤GT<25.000 - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,493	23.5%	7,172	40.3%	13,665	30.1%
Specialized Cargo Ships	416	1.5%	187	1.0%	603	1.3%
Container Ships	1,098	4.0%	322	1.8%	1,420	3.1%
Ro-Ro Cargo Ships	1,339	4.8%	665	3.7%	2,004	4.4%
Bulk Carriers	8,806	31.8%	3,662	20.6%	12,467	27.4%
Oil and Chemical Tankers	2,186	7.9%	2,457	13.8%	4,644	10.2%
Gas Tankers	441	1.6%	150	0.8%	591	1.3%
Other Tankers	131	0.5%	135	0.8%	266	0.6%
Passenger Ships	2,927	10.6%	1,328	7.5%	4,255	9.4%
Offshore Vessels	1,903	6.9%	463	2.6%	2,366	5.2%
Service Ships	1,665	6.0%	1,089	6.1%	2,754	6.1%
Tugs	253	0.9%	158	0.9%	411	0.9%
<b>Total</b>	<b>27,658</b>	<b>100%</b>	<b>17,787</b>	<b>100%</b>	<b>45,445</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 500≤GT<25.000 - IACS membership on 31/12/2012

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

## 25+ YEARS OLD LARGE SHIPS

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

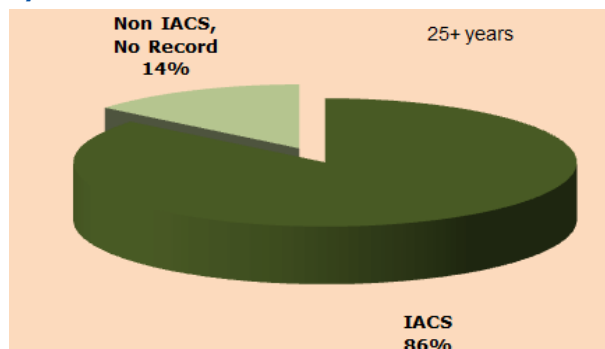
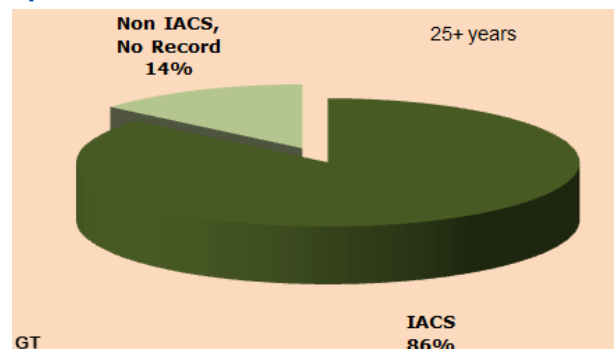
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	40	9.3%			40	8.0%
Specialized Cargo Ships	24	5.6%	2	2.9%	26	5.2%
Container Ships	40	9.3%			40	8.0%
Ro-Ro Cargo Ships	78	18.2%			78	15.7%
Bulk Carriers	142	33.2%	53	75.7%	195	39.2%
Oil and Chemical Tankers	25	5.8%	9	12.9%	34	6.8%
Gas Tankers	16	3.7%			16	3.2%
Other Tankers						
Passenger Ships	40	9.3%	1	1.4%	41	8.2%
Offshore Vessels	18	4.2%	3	4.3%	21	4.2%
Service Ships	5	1.2%	2	2.9%	7	1.4%
Tugs						
<b>Total</b>	<b>428</b>	<b>100%</b>	<b>70</b>	<b>100%</b>	<b>498</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	1,109	7.3%			1,109	6.3%
Specialized Cargo Ships	820	5.4%	69	2.8%	889	5.1%
Container Ships	1,455	9.6%			1,455	8.3%
Ro-Ro Cargo Ships	3,241	21.4%			3,241	18.5%
Bulk Carriers	4,707	31.1%	1,691	69.7%	6,398	36.5%
Oil and Chemical Tankers	834	5.5%	399	16.4%	1,233	7.0%
Gas Tankers	723	4.8%			723	4.1%
Other Tankers						
Passenger Ships	1,358	9.0%	27	1.1%	1,385	7.9%
Offshore Vessels	691	4.6%	158	6.5%	850	4.8%
Service Ships	180	1.2%	82	3.4%	262	1.5%
Tugs						
<b>Total</b>	<b>15,120</b>	<b>100%</b>	<b>2,426</b>	<b>100%</b>	<b>17,546</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

**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<sup>(1)</sup> ships, by type and class**

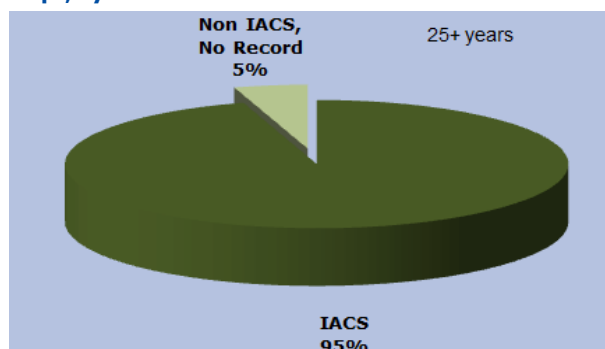
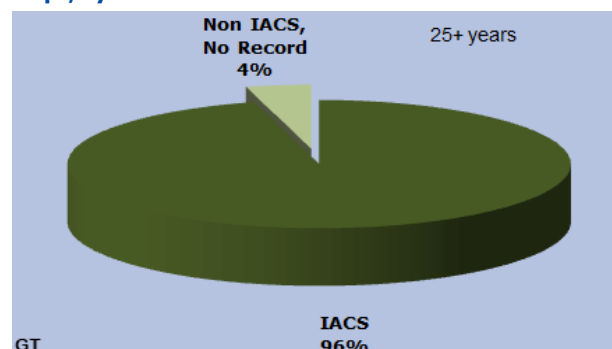
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships						
Ro-Ro Cargo Ships	3	3.0%			3	2.8%
Bulk Carriers	18	17.8%	1	20.0%	19	17.9%
Oil and Chemical Tankers	2	2.0%			2	1.9%
Gas Tankers	32	31.7%			32	30.2%
Other Tankers						
Passenger Ships	1	1.0%			1	0.9%
Offshore Vessels	44	43.6%	3	60.0%	47	44.3%
Service Ships	1	1.0%	1	20.0%	2	1.9%
Tugs						
<b>Total</b>	<b>101</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>106</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships						
Ro-Ro Cargo Ships	200	1.9%			200	1.8%
Bulk Carriers	1,984	19.1%	72	16.0%	2,056	19.0%
Oil and Chemical Tankers	129	1.2%			129	1.2%
Gas Tankers	2,907	28.0%			2,907	26.8%
Other Tankers						
Passenger Ships	74	0.7%			74	0.7%
Offshore Vessels	5,033	48.4%	310	68.3%	5,342	49.2%
Service Ships	71	0.7%	71	15.7%	142	1.3%
Tugs						
<b>Total</b>	<b>10,397</b>	<b>100%</b>	<b>453</b>	<b>100%</b>	<b>10,850</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

**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	2,792	22.1%	2,974	54.7%	5,766	4,038	15.2%	1,976	33.0%	6,014
Specialized Cargo Ships	47	0.4%	59	1.1%	106	128	0.5%	16	0.3%	144
Container Ships	1,460	11.5%	135	2.5%	1,595	3,147	11.9%	100	1.7%	3,247
Ro-Ro Cargo Ships	494	3.9%	92	1.7%	586	768	2.9%	84	1.4%	852
Bulk Carriers	3,638	28.8%	363	6.7%	4,001	5,075	19.1%	494	8.2%	5,569
Oil and Chemical Tankers	2,183	17.3%	842	15.5%	3,025	6,158	23.2%	790	13.2%	6,948
Gas Tankers	362	2.9%	77	1.4%	439	1,040	3.9%	59	1.0%	1,099
Other Tankers	91	0.7%	72	1.3%	163	179	0.7%	111	1.9%	290
Passenger Ships	383	3.0%	343	6.3%	726	1,126	4.2%	1,041	17.4%	2,167
Offshore Vessels	894	7.1%	189	3.5%	1,083	3,307	12.5%	371	6.2%	3,678
Service Ships	201	1.6%	251	4.6%	452	1,055	4.0%	739	12.3%	1,794
Tugs	101	0.8%	42	0.8%	143	529	2.0%	212	3.5%	741
<b>Total</b>	<b>12,646</b>	<b>100%</b>	<b>5,439</b>	<b>100%</b>	<b>18,085</b>	<b>26,550</b>	<b>100%</b>	<b>5,993</b>	<b>100%</b>	<b>32,543</b>

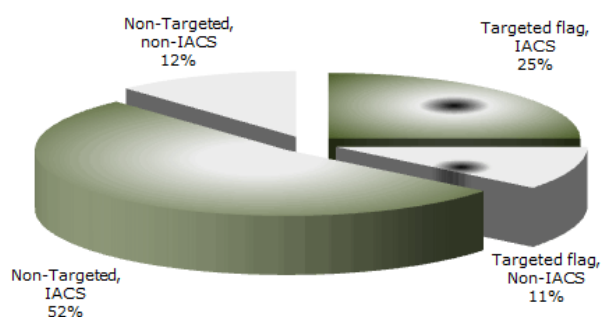
Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

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

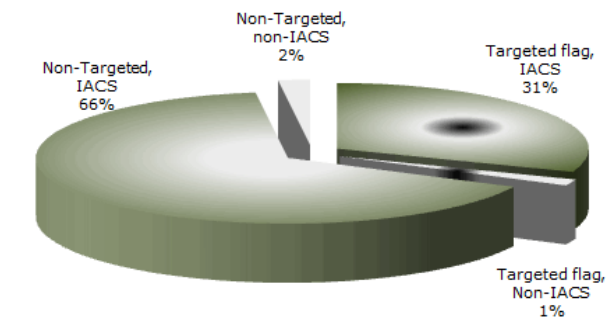
Ship Type	Targeted flag				Non Targeted flag					
	IACS		Non IACS/No Record		IACS		Non IACS/No Record		Total	
General Cargo Ships	17,630	5.5%	6,884	43.0%	24,514	26,690	3.9%	4,403	20.8%	31,093
Specialized Cargo Ships	804	0.3%	231	1.4%	1,035	2,268	0.3%	81	0.4%	2,349
Container Ships	49,025	15.3%	715	4.5%	49,740	124,827	18.3%	1,054	5.0%	125,881
Ro-Ro Cargo Ships	19,022	5.9%	438	2.7%	19,460	24,924	3.6%	360	1.7%	25,284
Bulk Carriers	142,232	44.4%	2,749	17.2%	144,981	206,918	30.3%	7,496	35.3%	214,413
Oil and Chemical Tankers	65,565	20.5%	2,979	18.6%	68,544	209,878	30.7%	2,087	9.8%	211,965
Gas Tankers	8,928	2.8%	117	0.7%	9,045	40,696	6.0%	69	0.3%	40,765
Other Tankers	219	0.1%	87	0.5%	306	732	0.1%	114	0.5%	846
Passenger Ships	10,592	3.3%	990	6.2%	11,583	19,662	2.9%	2,759	13.0%	22,421
Offshore Vessels	4,993	1.6%	384	2.4%	5,377	20,965	3.1%	990	4.7%	21,955
Service Ships	878	0.3%	384	2.4%	1,262	5,372	0.8%	1,614	7.6%	6,985
Tugs	102	0.0%	41	0.3%	144	562	0.1%	177	0.8%	740
<b>Total</b>	<b>319,991</b>	<b>100%</b>	<b>16,000</b>	<b>100%</b>	<b>335,991</b>	<b>683,493</b>	<b>100%</b>	<b>21,204</b>	<b>100%</b>	<b>704,697</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

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



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



GT

## MEDIUM SHIPS

**Table 63 - Total number of medium<sup>(1)</sup> ships by type, class and flag**

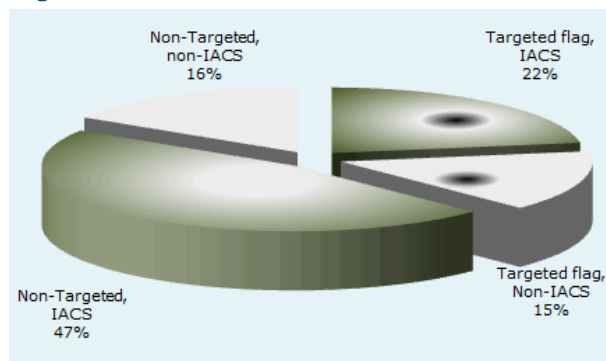
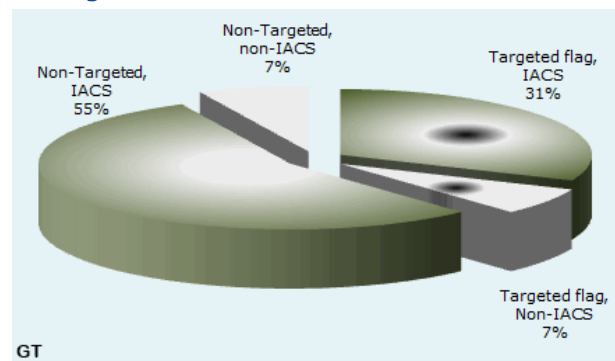
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	2,762	34.0%	2,974	55.1%	5,736	3,888	23.1%	1,975	33.9%	5,863
Specialized Cargo Ships	33	0.4%	58	1.1%	91	92	0.5%	15	0.3%	107
Container Ships	797	9.8%	135	2.5%	932	1,279	7.6%	89	1.5%	1,368
Ro-Ro Cargo Ships	149	1.8%	92	1.7%	241	354	2.1%	84	1.4%	438
Bulk Carriers	1,306	16.1%	344	6.4%	1,650	1,478	8.8%	360	6.2%	1,838
Oil and Chemical Tankers	1,344	16.5%	828	15.3%	2,172	3,328	19.8%	781	13.4%	4,109
Gas Tankers	255	3.1%	77	1.4%	332	627	3.7%	59	1.0%	686
Other Tankers	91	1.1%	72	1.3%	163	174	1.0%	111	1.9%	285
Passenger Ships	233	2.9%	342	6.3%	575	870	5.2%	1,037	17.8%	1,907
Offshore Vessels	853	10.5%	186	3.4%	1,039	3,145	18.7%	364	6.3%	3,509
Service Ships	197	2.4%	251	4.6%	448	1,035	6.2%	736	12.6%	1,771
Tugs	101	1.2%	42	0.8%	143	529	3.1%	212	3.6%	741
<b>Total</b>	<b>8,121</b>	<b>100%</b>	<b>5,401</b>	<b>100%</b>	<b>13,522</b>	<b>16,799</b>	<b>100%</b>	<b>5,823</b>	<b>100%</b>	<b>22,622</b>

Source: Equasis - <sup>(1)</sup> 500≤GT<25.000 - IACS membership on 31/12/2012

**Table 64 - Gross tonnage (in 1000 t) of medium<sup>(1)</sup> 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	16,662	25.3%	6,884	48.7%	23,547	21,912	19.1%	4,370	29.3%	26,282
Specialized Cargo Ships	304	0.5%	200	1.4%	504	929	0.8%	42	0.3%	971
Container Ships	9,051	13.7%	715	5.1%	9,767	16,777	14.6%	500	3.4%	17,278
Ro-Ro Cargo Ships	1,480	2.2%	438	3.1%	1,917	4,248	3.7%	360	2.4%	4,608
Bulk Carriers	21,378	32.4%	2,060	14.6%	23,438	23,906	20.8%	3,153	21.1%	27,058
Oil and Chemical Tankers	10,793	16.4%	2,043	14.5%	12,836	24,129	21.0%	1,656	11.1%	25,785
Gas Tankers	1,547	2.3%	117	0.8%	1,665	3,991	3.5%	69	0.5%	4,060
Other Tankers	219	0.3%	87	0.6%	306	570	0.5%	114	0.8%	684
Passenger Ships	1,815	2.8%	963	6.8%	2,779	5,433	4.7%	2,595	17.4%	8,028
Offshore Vessels	1,816	2.8%	196	1.4%	2,012	8,081	7.0%	411	2.8%	8,492
Service Ships	734	1.1%	384	2.7%	1,119	4,444	3.9%	1,460	9.8%	5,904
Tugs	102	0.2%	41	0.3%	144	562	0.5%	177	1.2%	740
<b>Total</b>	<b>65,904</b>	<b>100%</b>	<b>14,129</b>	<b>100%</b>	<b>80,032</b>	<b>114,983</b>	<b>100%</b>	<b>14,908</b>	<b>100%</b>	<b>129,891</b>

Source: Equasis - <sup>(1)</sup> 500≤GT<25.000 - IACS membership on 31/12/2012

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

## LARGE SHIPS

**Table 65 - Total number of large<sup>(1)</sup> ships by type, class and flag**

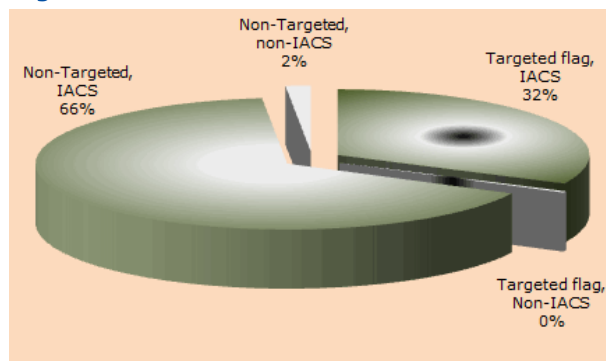
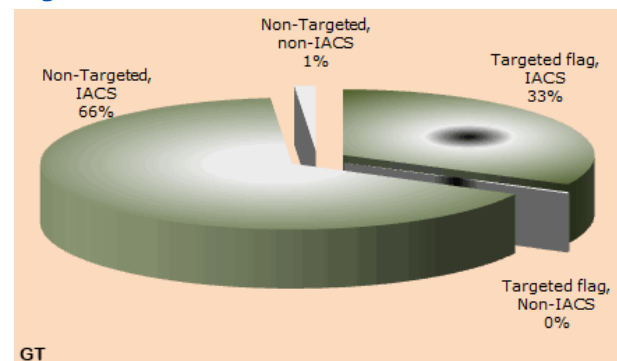
Ship Type	Targeted flag			Non Targeted flag		
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total
General Cargo Ships	30	0.9%		150	2.3%	151
Specialized Cargo Ships	14	0.4%	1	36	0.6%	37
Container Ships	398	12.5%		1,181	18.2%	1,188
Ro-Ro Cargo Ships	278	8.8%		325	5.0%	325
Bulk Carriers	1,721	54.2%	18	2,742	42.2%	2,874
Oil and Chemical Tankers	552	17.4%	11	1,687	25.9%	1,695
Gas Tankers	62	2.0%		125	1.9%	125
Other Tankers				5	0.1%	5
Passenger Ships	94	3.0%	1	172	2.6%	175
Offshore Vessels	21	0.7%	2	62	1.0%	66
Service Ships	4	0.1%		17	0.3%	19
Tugs						
<b>Total</b>	<b>3,174</b>	<b>100%</b>	<b>33</b>	<b>6,502</b>	<b>100%</b>	<b>6,660</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

**Table 66 - Gross tonnage (in 1000 t) of large<sup>(1)</sup> 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	968	0.8%		4,778	1.9%	4,811
Specialized Cargo Ships	500	0.4%	30	1,339	0.5%	1,377
Container Ships	15,593	12.9%		45,957	18.7%	46,189
Ro-Ro Cargo Ships	13,233	11.0%		14,907	6.1%	14,907
Bulk Carriers	63,317	52.4%	617	99,625	40.5%	103,726
Oil and Chemical Tankers	19,969	16.5%	442	63,922	26.0%	64,292
Gas Tankers	2,727	2.3%		5,494	2.2%	5,494
Other Tankers				162	0.1%	162
Passenger Ships	3,347	2.8%	27	6,144	2.5%	6,238
Offshore Vessels	937	0.8%	101	2,809	1.1%	2,998
Service Ships	144	0.1%		638	0.3%	720
Tugs						
<b>Total</b>	<b>120,735</b>	<b>100%</b>	<b>1,217</b>	<b>245,774</b>	<b>100%</b>	<b>250,913</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000 - IACS membership on 31/12/2012

**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<sup>(1)</sup> ships by type, class and flag**

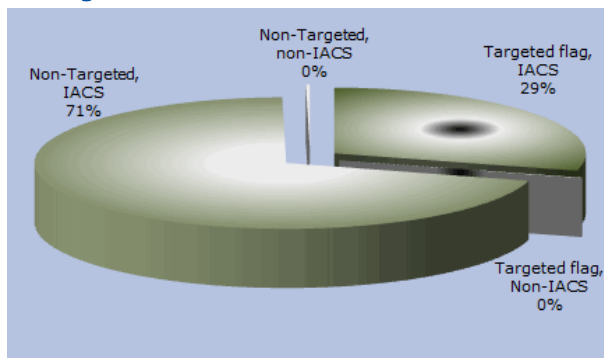
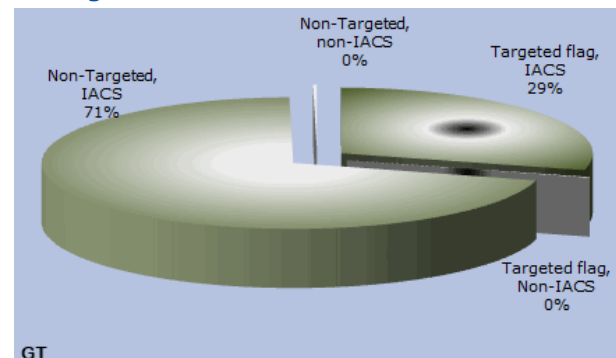
Ship Type	Targeted flag				Non Targeted flag					
	IACS		Non IACS/No Record		IACS		Non IACS/No Record		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	265	19.6%			265	687	21.1%	4	33.3%	691
Ro-Ro Cargo Ships	67	5.0%			67	89	2.7%			89
Bulk Carriers	611	45.2%	1	20.0%	612	855	26.3%	2	16.7%	857
Oil and Chemical Tankers	287	21.2%	3	60.0%	290	1,143	35.2%	1	8.3%	1,144
Gas Tankers	45	3.3%			45	288	8.9%			288
Other Tankers										
Passenger Ships	56	4.1%			56	84	2.6%	1	8.3%	85
Offshore Vessels	20	1.5%	1	20.0%	21	100	3.1%	3	25.0%	103
Service Ships						3	0.1%	1	8.3%	4
Tugs										
<b>Total</b>	<b>1,351</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>1,356</b>	<b>3,249</b>	<b>100%</b>	<b>12</b>	<b>100%</b>	<b>3,261</b>

Source: Equasis - <sup>(1)</sup> GT≥60,000 - IACS membership on 31/12/2012

**Table 68 - Gross tonnage (in 1000 t) of very large<sup>(1)</sup> 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										
Container Ships	24,381	18.3%			24,381	62,092	19.2%	322	27.9%	62,415
Ro-Ro Cargo Ships	4,309	3.2%			4,309	5,769	1.8%			5,769
Bulk Carriers	57,537	43.1%	72	11.1%	57,610	83,387	25.8%	242	20.9%	83,629
Oil and Chemical Tankers	34,803	26.1%	494	75.5%	35,297	121,827	37.7%	61	5.3%	121,888
Gas Tankers	4,653	3.5%			4,653	31,210	9.7%			31,210
Other Tankers										
Passenger Ships	5,429	4.1%			5,429	8,085	2.5%	70	6.1%	8,155
Offshore Vessels	2,240	1.7%	88	13.5%	2,328	10,075	3.1%	390	33.7%	10,466
Service Ships						290	0.1%	71	6.2%	361
Tugs										
<b>Total</b>	<b>133,353</b>	<b>100%</b>	<b>655</b>	<b>100%</b>	<b>134,008</b>	<b>322,736</b>	<b>100%</b>	<b>1,158</b>	<b>100%</b>	<b>323,893</b>

Source: Equasis - <sup>(1)</sup> GT≥60,000 - IACS membership on 31/12/2012

**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<sup>(\*)</sup>, by type and class

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	4.19%	11.28%	5.93%
Specialized Cargo Ships	3.20%	8.45%	4.36%
Container Ships	2.44%	14.93%	2.54%
Ro-Ro Cargo Ships	1.75%	18.56%	2.43%
Bulk Carriers	2.54%	7.62%	2.71%
Oil and Chemical Tankers	1.58%	10.33%	1.75%
Gas Tankers	1.48%	16.67%	1.70%
Other Tankers	5.86%	24.00%	7.58%
Passenger Ships	0.96%	8.06%	1.25%
Offshore Vessels	3.04%	17.14%	3.59%
Service Ships	3.49%	13.16%	5.75%
Tugs	2.68%	0.00%	2.48%
<b>Total</b>	<b>2.67%</b>	<b>11.04%</b>	<b>3.40%</b>

Source: Equasis - IACS membership on 31/12/2012 - <sup>(\*)</sup> Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

## MEDIUM SHIPS

Table 70 - Medium<sup>(1)</sup> ships detention rates<sup>(\*)</sup>, by type and class

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	4.34%	11.29%	6.10%
Specialized Cargo Ships	3.80%	8.57%	5.12%
Container Ships	3.02%	17.86%	3.29%
Ro-Ro Cargo Ships	4.34%	18.56%	6.92%
Bulk Carriers	2.93%	8.05%	3.39%
Oil and Chemical Tankers	2.23%	10.67%	2.55%
Gas Tankers	2.10%	16.67%	2.42%
Other Tankers	6.19%	24.00%	7.97%
Passenger Ships	2.15%	8.47%	2.76%
Offshore Vessels	3.13%	17.14%	3.70%
Service Ships	3.62%	13.16%	5.92%
Tugs	2.68%	0.00%	2.48%
<b>Total</b>	<b>3.43%</b>	<b>11.16%</b>	<b>4.62%</b>

Source: Equasis - IACS membership on 31/12/2012 - <sup>(\*)</sup> Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

## LARGE SHIPS

**Table 71 - Large<sup>(1)</sup> ships detention rates<sup>(\*)</sup>, by type and class**

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	1.21%	0.00%	1.20%
Specialized Cargo Ships	1.52%	0.00%	1.49%
Container Ships	2.39%	0.00%	2.39%
Ro-Ro Cargo Ships	1.36%		1.36%
Bulk Carriers	2.43%	0.00%	2.42%
Oil and Chemical Tankers	1.22%	0.00%	1.22%
Gas Tankers	0.58%		0.58%
Other Tankers	0.00%		0.00%
Passenger Ships	0.39%		0.39%
Offshore Vessels	0.00%		0.00%
Service Ships	0.00%		0.00%
Tugs			
<b>Total</b>	<b>2.02%</b>	<b>0.00%</b>	<b>2.01%</b>

Source: Equasis - IACS membership on 31/12/2012 - (\*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

## VERY LARGE SHIPS

**Table 72 - Very large<sup>(1)</sup> ships detention rates<sup>(\*)</sup>, by type and class**

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships			
Specialized Cargo Ships			
Container Ships	1.65%	0.00%	1.64%
Ro-Ro Cargo Ships	0.44%		0.44%
Bulk Carriers	1.99%	0.00%	1.99%
Oil and Chemical Tankers	0.45%	0.00%	0.45%
Gas Tankers	0.00%		0.00%
Other Tankers			
Passenger Ships	0.00%	0.00%	0.00%
Offshore Vessels	0.00%		0.00%
Service Ships	0.00%		0.00%
Tugs			
<b>Total</b>	<b>1.29%</b>	<b>0.00%</b>	<b>1.28%</b>

Source: Equasis - IACS membership on 31/12/2012 - (\*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

## Chapter 4

# 4. P&I

### INTRODUCTION

Protection and Indemnity (P&I) Clubs provide third-party insurance cover to ship owners. Members of the International Group of P&I Clubs (IGP&I) provide Equasis with information on all vessels 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.*<sup>1</sup>
- *The Britannia Steam Ship Insurance Association Limited*
- *The Japan Ship Owners' Mutual Protection & Indemnity Association*
- *The London Steam-Ship Owners' Mutual Insurance Association Limited*
- *The North of England Protecting & Indemnity Association Limited*
- *The Shipowners' Mutual Protection & Indemnity Association (Luxembourg)*
- *The Standard Steamship Owners' Protection & Indemnity Association (Bermuda) Limited*<sup>2</sup>

- *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 category 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) and USCG regions.

### RESULTS

Graph 69 indicates that for vessels over 500GT in Equasis, for which data has been supplied, 62% are covered by one of the

<sup>1</sup> Gard (Bermuda) Ltd only became a principal Association with effect from the 2010 policy year. Previously, the principal Association was Assuranceforeningen Gard.

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

members of the IGP&I. This rises to 92% by tonnage.

Graphs 71 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 ship size category just under a half (48%) are covered by number, which equates to about 71% 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 (37%) of the IGP&I fleet is under 5 years old and only 10% 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 51% is over 25 years old, with 43.5% 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 3.4% of inspections resulted in detention in 2012. Table 105 shows that ships insured by companies outside the IGP&I had a higher detention rate in 2012 than those that are members (8.01% compared with 2.35%).

The number of inspections on ships in the very large ship size category and covered by non-IGP&I members is too small to be statistically significant and the 0% detention rate for this category is meaningless, as it is based on only 65 inspections on 44 different ships.

## 4.1. P&amp;I STATUS

## WORLD FLEET GT≥500

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	3,984	12.8%	7,796	40.0%	11,780	23.3%
Specialized Cargo Ships	139	0.4%	111	0.6%	250	0.5%
Container Ships	4,265	13.7%	577	3.0%	4,842	9.6%
Ro-Ro Cargo Ships	1,050	3.4%	388	2.0%	1,438	2.8%
Bulk Carriers	8,057	25.9%	1,513	7.8%	9,570	18.9%
Oil and Chemical Tankers	7,303	23.4%	2,670	13.7%	9,973	19.7%
Gas Tankers	1,205	3.9%	333	1.7%	1,538	3.0%
Other Tankers	183	0.6%	270	1.4%	453	0.9%
Passenger Ships	1,339	4.3%	1,554	8.0%	2,893	5.7%
Offshore Vessels	2,687	8.6%	2,074	10.7%	4,761	9.4%
Service Ships	596	1.9%	1,650	8.5%	2,246	4.4%
Tugs	352	1.1%	532	2.7%	884	1.7%
<b>Total</b>	<b>31,160</b>	<b>100%</b>	<b>19,468</b>	<b>100%</b>	<b>50,628</b>	<b>100%</b>

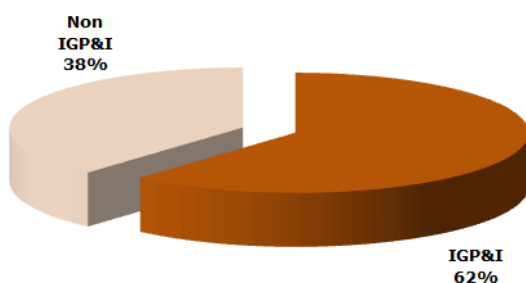
Source: Equasis

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

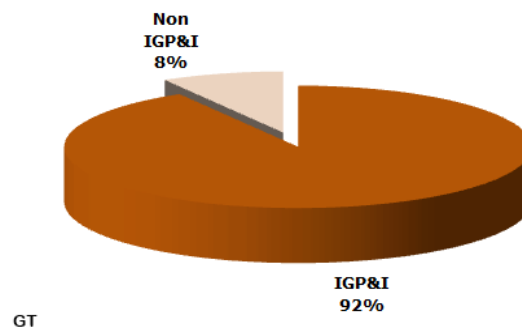
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	33,467	3.5%	22,140	25.1%	55,607	5.3%
Specialized Cargo Ships	2,816	0.3%	567	0.6%	3,383	0.3%
Container Ships	170,135	17.9%	5,486	6.2%	175,621	16.9%
Ro-Ro Cargo Ships	41,916	4.4%	2,829	3.2%	44,744	4.3%
Bulk Carriers	337,454	35.4%	21,941	24.9%	359,395	34.5%
Oil and Chemical Tankers	263,775	27.7%	16,734	19.0%	280,509	27.0%
Gas Tankers	48,997	5.1%	813	0.9%	49,810	4.8%
Other Tankers	804	0.1%	348	0.4%	1,152	0.1%
Passenger Ships	28,285	3.0%	5,719	6.5%	34,004	3.3%
Offshore Vessels	20,468	2.1%	6,865	7.8%	27,332	2.6%
Service Ships	3,905	0.4%	4,343	4.9%	8,248	0.8%
Tugs	387	0.0%	497	0.6%	883	0.1%
<b>Total</b>	<b>952,407</b>	<b>100%</b>	<b>88,281</b>	<b>100%</b>	<b>1,040,688</b>	<b>100%</b>

Source: Equasis

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



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



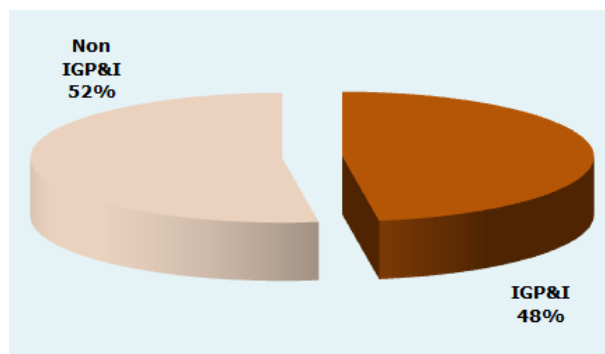
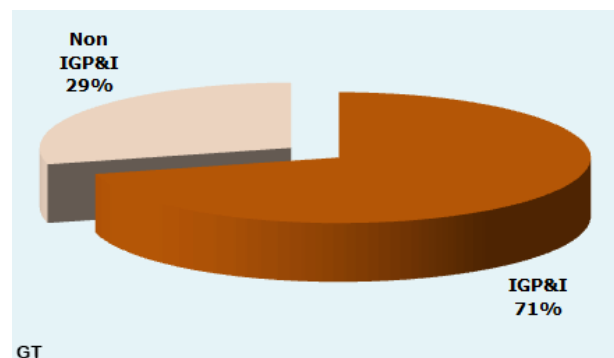
## MEDIUM SHIPS

**Table 75 - P&I status : total number of medium<sup>(1)</sup> ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	3,805	22.1%	7,794	41.2%	11,599	32.1%
Specialized Cargo Ships	88	0.5%	110	0.6%	198	0.5%
Container Ships	1,756	10.2%	544	2.9%	2,300	6.4%
Ro-Ro Cargo Ships	302	1.8%	377	2.0%	679	1.9%
Bulk Carriers	2,300	13.3%	1,188	6.3%	3,488	9.7%
Oil and Chemical Tankers	3,717	21.6%	2,564	13.6%	6,281	17.4%
Gas Tankers	688	4.0%	330	1.7%	1,018	2.8%
Other Tankers	178	1.0%	270	1.4%	448	1.2%
Passenger Ships	943	5.5%	1,539	8.1%	2,482	6.9%
Offshore Vessels	2,529	14.7%	2,019	10.7%	4,548	12.6%
Service Ships	574	3.3%	1,645	8.7%	2,219	6.1%
Tugs	352	2.0%	532	2.8%	884	2.4%
<b>Total</b>	<b>17,232</b>	<b>100%</b>	<b>18,912</b>	<b>100%</b>	<b>36,144</b>	<b>100%</b>

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

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	27,746	18.6%	22,082	36.2%	49,828	23.7%
Specialized Cargo Ships	947	0.6%	529	0.9%	1,476	0.7%
Container Ships	23,111	15.5%	3,934	6.5%	27,044	12.9%
Ro-Ro Cargo Ships	4,144	2.8%	2,382	3.9%	6,526	3.1%
Bulk Carriers	39,849	26.8%	10,647	17.5%	50,496	24.1%
Oil and Chemical Tankers	31,520	21.2%	7,101	11.6%	38,621	18.4%
Gas Tankers	5,046	3.4%	679	1.1%	5,725	2.7%
Other Tankers	642	0.4%	348	0.6%	990	0.5%
Passenger Ships	5,535	3.7%	5,271	8.6%	10,807	5.1%
Offshore Vessels	7,179	4.8%	3,325	5.5%	10,503	5.0%
Service Ships	2,857	1.9%	4,166	6.8%	7,023	3.3%
Tugs	387	0.3%	497	0.8%	883	0.4%
<b>Total</b>	<b>148,963</b>	<b>100%</b>	<b>60,960</b>	<b>100%</b>	<b>209,923</b>	<b>100%</b>

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

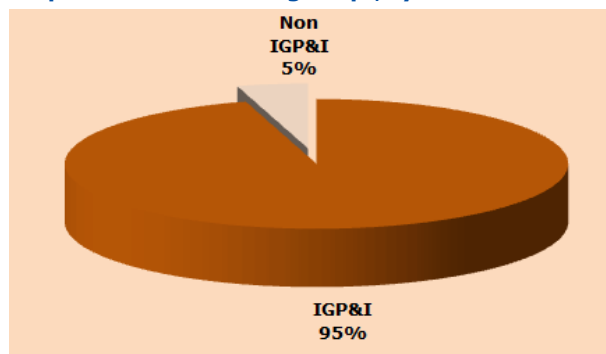
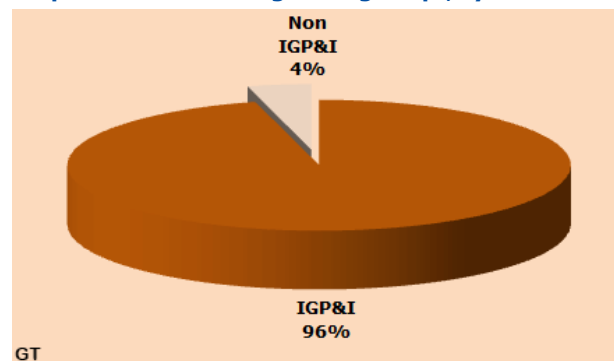
## LARGE SHIPS

**Table 77 - P&I status : total number of large<sup>(1)</sup> ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	179	1.9%	2	0.4%	181	1.8%
Specialized Cargo Ships	51	0.5%	1	0.2%	52	0.5%
Container Ships	1,563	16.6%	23	5.1%	1,586	16.1%
Ro-Ro Cargo Ships	592	6.3%	11	2.5%	603	6.1%
Bulk Carriers	4,299	45.6%	314	70.1%	4,613	46.8%
Oil and Chemical Tankers	2,208	23.4%	50	11.2%	2,258	22.9%
Gas Tankers	184	2.0%	3	0.7%	187	1.9%
Other Tankers	5	0.1%			5	0.1%
Passenger Ships	255	2.7%	15	3.3%	270	2.7%
Offshore Vessels	65	0.7%	24	5.4%	89	0.9%
Service Ships	18	0.2%	5	1.1%	23	0.2%
Tugs						
<b>Total</b>	<b>9,419</b>	<b>100%</b>	<b>448</b>	<b>100%</b>	<b>9,867</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000**Table 78 - P&I status : gross tonnage (in 1000 t) of large<sup>(1)</sup> ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	5,720	1.6%	59	0.4%	5,779	1.5%
Specialized Cargo Ships	1,869	0.5%	39	0.3%	1,908	0.5%
Container Ships	60,976	17.0%	806	5.3%	61,781	16.6%
Ro-Ro Cargo Ships	27,693	7.7%	447	2.9%	28,140	7.5%
Bulk Carriers	157,311	44.0%	10,348	68.0%	167,659	45.0%
Oil and Chemical Tankers	82,872	23.2%	1,831	12.0%	84,702	22.7%
Gas Tankers	8,088	2.3%	134	0.9%	8,222	2.2%
Other Tankers	162	0.0%			162	0.0%
Passenger Ships	9,164	2.6%	448	2.9%	9,612	2.6%
Offshore Vessels	3,092	0.9%	943	6.2%	4,035	1.1%
Service Ships	687	0.2%	177	1.2%	864	0.2%
Tugs						
<b>Total</b>	<b>357,635</b>	<b>100%</b>	<b>15,229</b>	<b>100%</b>	<b>372,865</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 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**



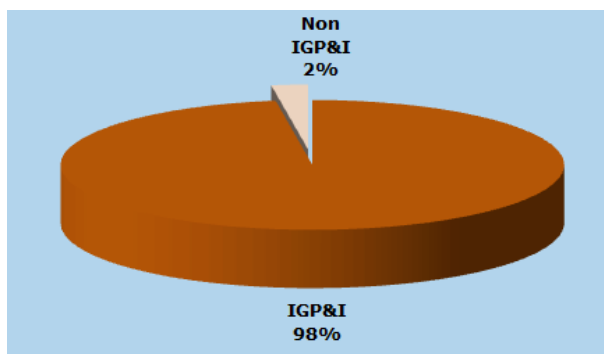
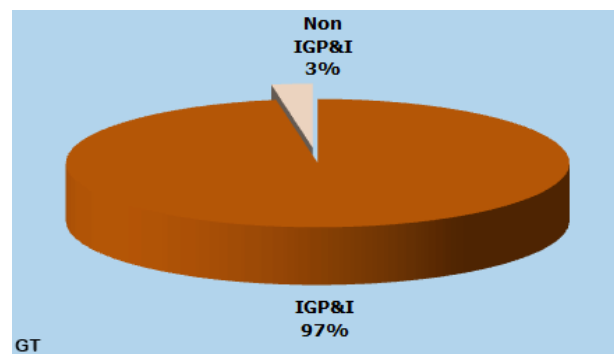
## VERY LARGE SHIPS

**Table 79 - P&I status : total number of very large<sup>(1)</sup> ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	946	21.0%	10	9.3%	956	20.7%
Ro-Ro Cargo Ships	156	3.5%			156	3.4%
Bulk Carriers	1,458	32.3%	11	10.2%	1,469	31.8%
Oil and Chemical Tankers	1,378	30.6%	56	51.9%	1,434	31.1%
Gas Tankers	333	7.4%			333	7.2%
Other Tankers						
Passenger Ships	141	3.1%			141	3.1%
Offshore Vessels	93	2.1%	31	28.7%	124	2.7%
Service Ships	4	0.1%			4	0.1%
Tugs						
<b>Total</b>	<b>4,509</b>	<b>100%</b>	<b>108</b>	<b>100%</b>	<b>4,617</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup>GT≥60.000**Table 80 - P&I status : gross tonnage (in 1000 t) of very large<sup>(1)</sup> ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	86,049	19.3%	747	6.2%	86,795	19.0%
Ro-Ro Cargo Ships	10,078	2.3%			10,078	2.2%
Bulk Carriers	140,294	31.5%	946	7.8%	141,239	30.8%
Oil and Chemical Tankers	149,383	33.5%	7,802	64.5%	157,185	34.3%
Gas Tankers	35,863	8.0%			35,863	7.8%
Other Tankers						
Passenger Ships	13,585	3.0%			13,585	3.0%
Offshore Vessels	10,196	2.3%	2,597	21.5%	12,794	2.8%
Service Ships	361	0.1%			361	0.1%
Tugs						
<b>Total</b>	<b>445,810</b>	<b>100%</b>	<b>12,091</b>	<b>100%</b>	<b>457,901</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup>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&amp;I AND AGE

## WORLD FLEET GT≥500

Table 81 - IGP&amp;I world fleet GT≥500 : total number of ships, by type and age

Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1,143	9.9%	1,342	11.8%	999	19.3%	500	16.2%	3,984	12.8%
Specialized Cargo Ships	40	0.3%	20	0.2%	31	0.6%	48	1.6%	139	0.4%
Container Ships	1,279	11.1%	2,094	18.4%	794	15.3%	98	3.2%	4,265	13.7%
Ro-Ro Cargo Ships	349	3.0%	395	3.5%	155	3.0%	151	4.9%	1,050	3.4%
Bulk Carriers	4,011	34.8%	2,320	20.4%	1,251	24.2%	475	15.4%	8,057	25.9%
Oil and Chemical Tankers	2,775	24.1%	3,225	28.4%	1,007	19.5%	296	9.6%	7,303	23.4%
Gas Tankers	384	3.3%	417	3.7%	281	5.4%	123	4.0%	1,205	3.9%
Other Tankers	87	0.8%	36	0.3%	28	0.5%	32	1.0%	183	0.6%
Passenger Ships	169	1.5%	414	3.6%	339	6.6%	417	13.5%	1,339	4.3%
Offshore Vessels	1,087	9.4%	870	7.7%	145	2.8%	585	18.9%	2,687	8.6%
Service Ships	101	0.9%	127	1.1%	114	2.2%	254	8.2%	596	1.9%
Tugs	103	0.9%	105	0.9%	31	0.6%	113	3.7%	352	1.1%
<b>Total</b>	<b>11,528</b>	<b>100%</b>	<b>11,365</b>	<b>100%</b>	<b>5,175</b>	<b>100%</b>	<b>3,092</b>	<b>100%</b>	<b>31,160</b>	<b>100%</b>

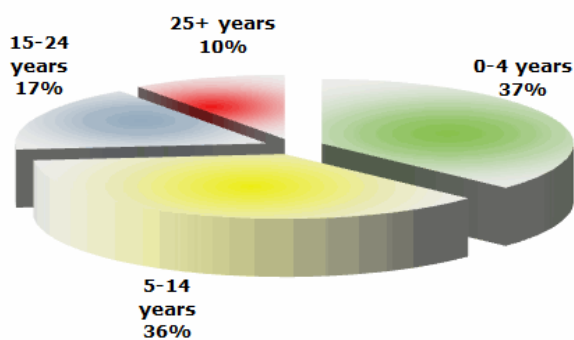
Source: Equasis

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

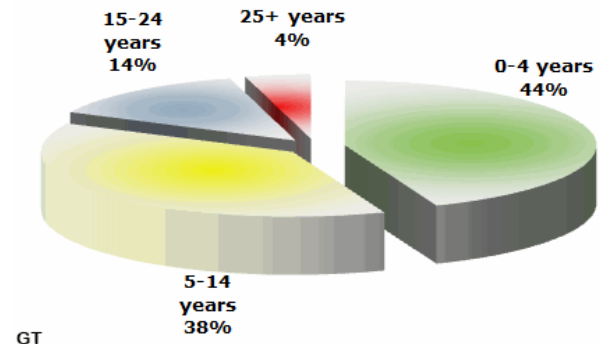
Ship Type	0-4		5-14		15-24		25+		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	11,730	2.8%	10,909	3.0%	7,262	5.6%	3,566	8.8%	33,467	3.5%
Specialized Cargo Ships	689	0.2%	304	0.1%	708	0.6%	1,115	2.8%	2,816	0.3%
Container Ships	68,316	16.3%	78,620	21.6%	20,894	16.2%	2,306	5.7%	170,135	17.9%
Ro-Ro Cargo Ships	16,855	4.0%	16,499	4.5%	4,378	3.4%	4,183	10.4%	41,916	4.4%
Bulk Carriers	180,414	43.0%	92,210	25.4%	53,388	41.5%	11,442	28.4%	337,454	35.4%
Oil and Chemical Tankers	108,662	25.9%	127,897	35.2%	24,766	19.3%	2,450	6.1%	263,775	27.7%
Gas Tankers	19,525	4.7%	18,920	5.2%	6,649	5.2%	3,903	9.7%	48,997	5.1%
Other Tankers	390	0.1%	231	0.1%	115	0.1%	69	0.2%	804	0.1%
Passenger Ships	6,215	1.5%	12,532	3.4%	6,089	4.7%	3,449	8.6%	28,285	3.0%
Offshore Vessels	6,071	1.4%	4,396	1.2%	3,496	2.7%	6,505	16.1%	20,468	2.1%
Service Ships	850	0.2%	980	0.3%	854	0.7%	1,221	3.0%	3,905	0.4%
Tugs	111	0.0%	133	0.0%	29	0.0%	114	0.3%	387	0.0%
<b>Total</b>	<b>419,828</b>	<b>100%</b>	<b>363,630</b>	<b>100%</b>	<b>128,627</b>	<b>100%</b>	<b>40,322</b>	<b>100%</b>	<b>952,407</b>	<b>100%</b>

Source: Equasis

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



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



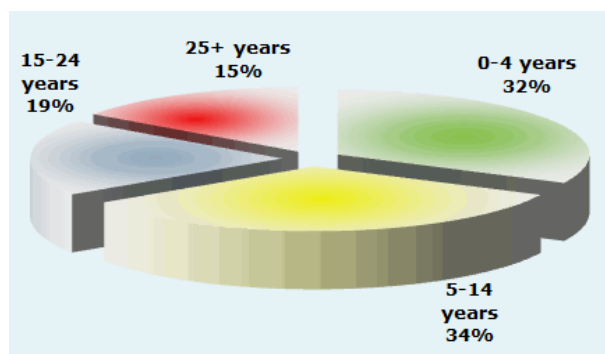
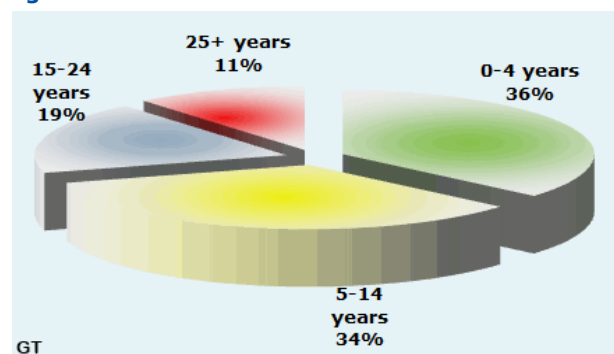
## MEDIUM SHIPS

**Table 83 - IGP&I : total number of medium<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,097	19.8%	1,289	22.4%	957	28.9%	462	17.7%	3,805	22.1%
Specialized Cargo Ships	32	0.6%	17	0.3%	16	0.5%	23	0.9%	88	0.5%
Container Ships	387	7.0%	832	14.4%	478	14.5%	59	2.3%	1,756	10.2%
Ro-Ro Cargo Ships	31	0.6%	111	1.9%	86	2.6%	74	2.8%	302	1.8%
Bulk Carriers	1,073	19.3%	520	9.0%	362	10.9%	345	13.2%	2,300	13.3%
Oil and Chemical Tankers	1,317	23.7%	1,449	25.2%	678	20.5%	273	10.5%	3,717	21.6%
Gas Tankers	199	3.6%	207	3.6%	205	6.2%	77	2.9%	688	4.0%
Other Tankers	86	1.5%	33	0.6%	27	0.8%	32	1.2%	178	1.0%
Passenger Ships	92	1.7%	227	3.9%	246	7.4%	378	14.5%	943	5.5%
Offshore Vessels	1,044	18.8%	847	14.7%	109	3.3%	529	20.3%	2,529	14.7%
Service Ships	93	1.7%	123	2.1%	111	3.4%	247	9.5%	574	3.3%
Tugs	103	1.9%	105	1.8%	31	0.9%	113	4.3%	352	2.0%
<b>Total</b>	<b>5,554</b>	<b>100%</b>	<b>5,760</b>	<b>100%</b>	<b>3,306</b>	<b>100%</b>	<b>2,612</b>	<b>100%</b>	<b>17,232</b>	<b>100%</b>

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	10,048	18.6%	9,250	18.1%	5,932	21.6%	2,515	15.3%	27,746	18.6%
Specialized Cargo Ships	398	0.7%	184	0.4%	100	0.4%	264	1.6%	947	0.6%
Container Ships	5,327	9.9%	10,711	21.0%	6,188	22.5%	884	5.4%	23,111	15.5%
Ro-Ro Cargo Ships	534	1.0%	1,748	3.4%	972	3.5%	890	5.4%	4,144	2.8%
Bulk Carriers	19,792	36.6%	8,686	17.0%	5,656	20.6%	5,715	34.7%	39,849	26.8%
Oil and Chemical Tankers	11,173	20.7%	14,253	27.9%	4,530	16.5%	1,563	9.5%	31,520	21.2%
Gas Tankers	1,816	3.4%	1,556	3.1%	1,314	4.8%	360	2.2%	5,046	3.4%
Other Tankers	355	0.7%	132	0.3%	86	0.3%	69	0.4%	642	0.4%
Passenger Ships	427	0.8%	1,291	2.5%	1,737	6.3%	2,080	12.6%	5,535	3.7%
Offshore Vessels	3,500	6.5%	2,225	4.4%	314	1.1%	1,140	6.9%	7,179	4.8%
Service Ships	557	1.0%	834	1.6%	585	2.1%	881	5.3%	2,857	1.9%
Tugs	111	0.2%	133	0.3%	29	0.1%	114	0.7%	387	0.3%
<b>Total</b>	<b>54,039</b>	<b>100%</b>	<b>51,005</b>	<b>100%</b>	<b>27,444</b>	<b>100%</b>	<b>16,475</b>	<b>100%</b>	<b>148,963</b>	<b>100%</b>

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

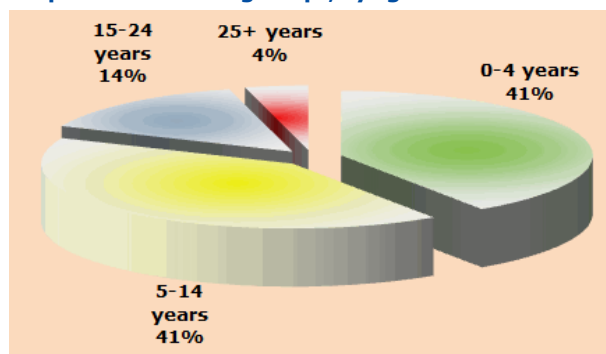
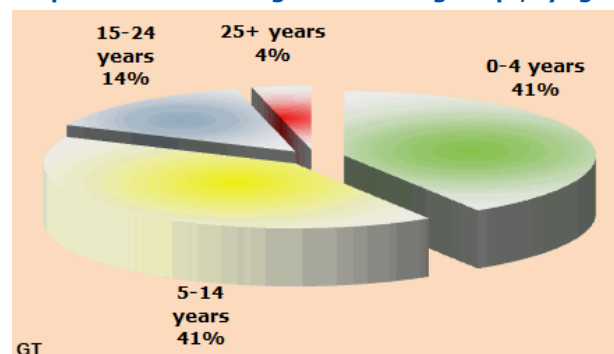
## LARGE SHIPS

**Table 85 - IGP&I : total number of large<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	46	1.2%	53	1.4%	42	3.1%	38	9.9%	179	1.9%
Specialized Cargo Ships	8	0.2%	3	0.1%	15	1.1%	25	6.5%	51	0.5%
Container Ships	474	12.4%	793	20.6%	257	18.9%	39	10.2%	1,563	16.6%
Ro-Ro Cargo Ships	231	6.0%	222	5.8%	65	4.8%	74	19.4%	592	6.3%
Bulk Carriers	2,121	55.5%	1,445	37.5%	620	45.5%	113	29.6%	4,299	45.6%
Oil and Chemical Tankers	812	21.2%	1,140	29.6%	235	17.3%	21	5.5%	2,208	23.4%
Gas Tankers	59	1.5%	70	1.8%	41	3.0%	14	3.7%	184	2.0%
Other Tankers	1	0.0%	3	0.1%	1	0.1%			5	0.1%
Passenger Ships	37	1.0%	111	2.9%	69	5.1%	38	9.9%	255	2.7%
Offshore Vessels	25	0.7%	9	0.2%	16	1.2%	15	3.9%	65	0.7%
Service Ships	8	0.2%	4	0.1%	1	0.1%	5	1.3%	18	0.2%
Tugs										
<b>Total</b>	<b>3,822</b>	<b>100%</b>	<b>3,853</b>	<b>100%</b>	<b>1,362</b>	<b>100%</b>	<b>382</b>	<b>100%</b>	<b>9,419</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000**Table 86 - IGP&I : gross tonnage (in 1000 t) of large<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,682	1.1%	1,658	1.1%	1,330	2.6%	1,050	7.7%	5,720	1.6%
Specialized Cargo Ships	291	0.2%	120	0.1%	608	1.2%	851	6.2%	1,869	0.5%
Container Ships	18,848	12.8%	29,986	20.6%	10,720	20.8%	1,422	10.4%	60,976	17.0%
Ro-Ro Cargo Ships	10,689	7.3%	10,779	7.4%	3,132	6.1%	3,094	22.5%	27,693	7.7%
Bulk Carriers	80,857	55.0%	51,422	35.4%	21,215	41.2%	3,817	27.8%	157,311	44.0%
Oil and Chemical Tankers	29,058	19.8%	43,770	30.1%	9,286	18.0%	758	5.5%	82,872	23.2%
Gas Tankers	2,707	1.8%	3,003	2.1%	1,743	3.4%	635	4.6%	8,088	2.3%
Other Tankers	34	0.0%	99	0.1%	29	0.1%			162	0.0%
Passenger Ships	1,307	0.9%	3,977	2.7%	2,584	5.0%	1,295	9.4%	9,164	2.6%
Offshore Vessels	1,242	0.8%	455	0.3%	790	1.5%	605	4.4%	3,092	0.9%
Service Ships	292	0.2%	146	0.1%	50	0.1%	199	1.4%	687	0.2%
Tugs										
<b>Total</b>	<b>147,008</b>	<b>100%</b>	<b>145,416</b>	<b>100%</b>	<b>51,485</b>	<b>100%</b>	<b>13,726</b>	<b>100%</b>	<b>357,635</b>	<b>100%</b>

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

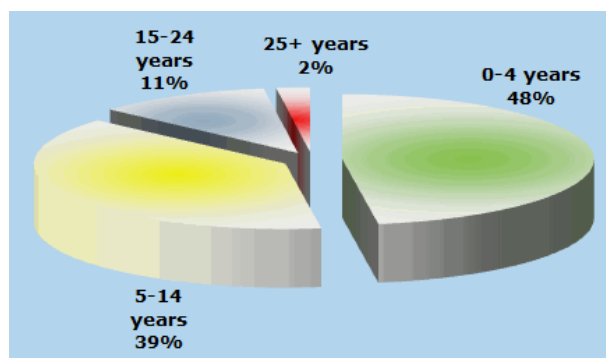
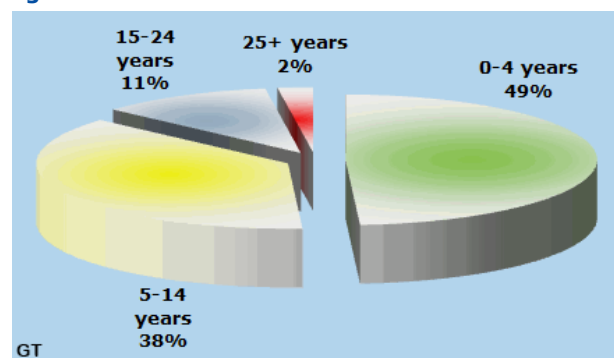
## VERY LARGE SHIPS

**Table 87 - IGP&I : total number of very large<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	418	19.4%	469	26.8%	59	11.6%			946	21.0%
Ro-Ro Cargo Ships	87	4.0%	62	3.5%	4	0.8%	3	3.1%	156	3.5%
Bulk Carriers	817	38.0%	355	20.3%	269	53.1%	17	17.3%	1,458	32.3%
Oil and Chemical Tankers	646	30.0%	636	36.3%	94	18.5%	2	2.0%	1,378	30.6%
Gas Tankers	126	5.9%	140	8.0%	35	6.9%	32	32.7%	333	7.4%
Other Tankers										
Passenger Ships	40	1.9%	76	4.3%	24	4.7%	1	1.0%	141	3.1%
Offshore Vessels	18	0.8%	14	0.8%	20	3.9%	41	41.8%	93	2.1%
Service Ships					2	0.4%	2	2.0%	4	0.1%
Tugs										
<b>Total</b>	<b>2,152</b>	<b>100%</b>	<b>1,752</b>	<b>100%</b>	<b>507</b>	<b>100%</b>	<b>98</b>	<b>100%</b>	<b>4,509</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup>GT≥60.000**Table 88 - IGP&I : gross tonnage (in 1000 t) of very large<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	44,140	20.2%	37,923	22.7%	3,986	8.0%			86,049	19.3%
Ro-Ro Cargo Ships	5,632	2.6%	3,972	2.4%	274	0.6%	200	2.0%	10,078	2.3%
Bulk Carriers	79,765	36.5%	32,101	19.2%	26,518	53.4%	1,910	18.9%	140,294	31.5%
Oil and Chemical Tankers	68,431	31.3%	69,874	41.8%	10,950	22.0%	129	1.3%	149,383	33.5%
Gas Tankers	15,003	6.9%	14,361	8.6%	3,592	7.2%	2,907	28.7%	35,863	8.0%
Other Tankers										
Passenger Ships	4,481	2.0%	7,263	4.3%	1,767	3.6%	74	0.7%	13,585	3.0%
Offshore Vessels	1,329	0.6%	1,715	1.0%	2,392	4.8%	4,760	47.0%	10,196	2.3%
Service Ships					219	0.4%	142	1.4%	361	0.1%
Tugs										
<b>Total</b>	<b>218,781</b>	<b>100%</b>	<b>167,209</b>	<b>100%</b>	<b>49,698</b>	<b>100%</b>	<b>10,121</b>	<b>100%</b>	<b>445,810</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup>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&amp;I AND AGE

## WHOLE FLEET GT≥500

Table 89 - Non IGP&amp;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	790	28.2%	1,018	35.2%	1,706	43.3%	4,282	43.5%	7,796	40.0%
Specialized Cargo Ships	17	0.6%	4	0.1%	5	0.1%	85	0.9%	111	0.6%
Container Ships	93	3.3%	193	6.7%	205	5.2%	86	0.9%	577	3.0%
Ro-Ro Cargo Ships	22	0.8%	69	2.4%	85	2.2%	212	2.2%	388	2.0%
Bulk Carriers	315	11.3%	175	6.1%	341	8.7%	682	6.9%	1,513	7.8%
Oil and Chemical Tankers	342	12.2%	366	12.7%	650	16.5%	1,312	13.3%	2,670	13.7%
Gas Tankers	54	1.9%	50	1.7%	89	2.3%	140	1.4%	333	1.7%
Other Tankers	24	0.9%	17	0.6%	58	1.5%	171	1.7%	270	1.4%
Passenger Ships	166	5.9%	310	10.7%	402	10.2%	676	6.9%	1,554	8.0%
Offshore Vessels	683	24.4%	363	12.6%	78	2.0%	950	9.7%	2,074	10.7%
Service Ships	198	7.1%	269	9.3%	271	6.9%	912	9.3%	1,650	8.5%
Tugs	94	3.4%	55	1.9%	48	1.2%	335	3.4%	532	2.7%
<b>Total</b>	<b>2,798</b>	<b>100%</b>	<b>2,889</b>	<b>100%</b>	<b>3,938</b>	<b>100%</b>	<b>9,843</b>	<b>100%</b>	<b>19,468</b>	<b>100%</b>

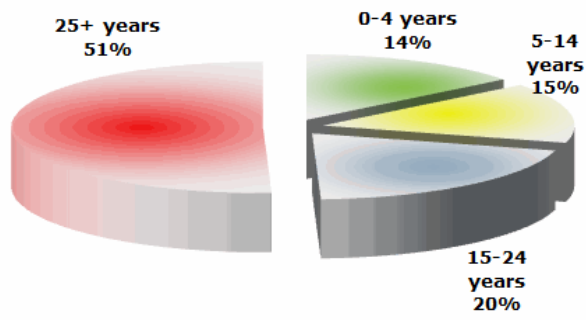
Source: Equasis

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

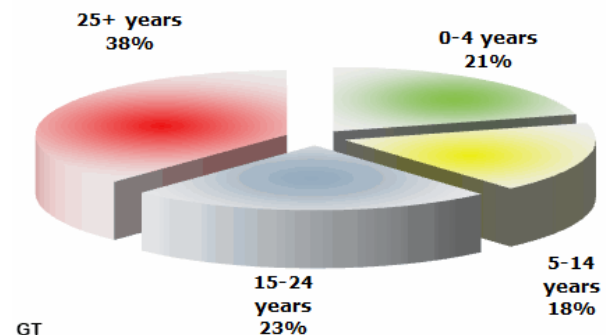
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2,709	14.8%	3,295	21.0%	4,928	23.7%	11,208	33.4%	22,140	25.1%
Specialized Cargo Ships	143	0.8%	28	0.2%	19	0.1%	377	1.1%	567	0.6%
Container Ships	1,256	6.9%	1,976	12.6%	1,684	8.1%	569	1.7%	5,486	6.2%
Ro-Ro Cargo Ships	220	1.2%	795	5.1%	552	2.7%	1,262	3.8%	2,829	3.2%
Bulk Carriers	5,442	29.7%	1,679	10.7%	5,340	25.7%	9,480	28.3%	21,941	24.9%
Oil and Chemical Tankers	3,987	21.8%	4,542	29.0%	4,649	22.4%	3,556	10.6%	16,734	19.0%
Gas Tankers	191	1.0%	83	0.5%	221	1.1%	319	1.0%	813	0.9%
Other Tankers	42	0.2%	24	0.2%	85	0.4%	197	0.6%	348	0.4%
Passenger Ships	727	4.0%	1,099	7.0%	1,628	7.8%	2,265	6.8%	5,719	6.5%
Offshore Vessels	2,565	14.0%	1,377	8.8%	870	4.2%	2,053	6.1%	6,865	7.8%
Service Ships	949	5.2%	730	4.7%	726	3.5%	1,937	5.8%	4,343	4.9%
Tugs	93	0.5%	58	0.4%	49	0.2%	297	0.9%	497	0.6%
<b>Total</b>	<b>18,324</b>	<b>100%</b>	<b>15,687</b>	<b>100%</b>	<b>20,751</b>	<b>100%</b>	<b>33,519</b>	<b>100%</b>	<b>88,281</b>	<b>100%</b>

Source: Equasis

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



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



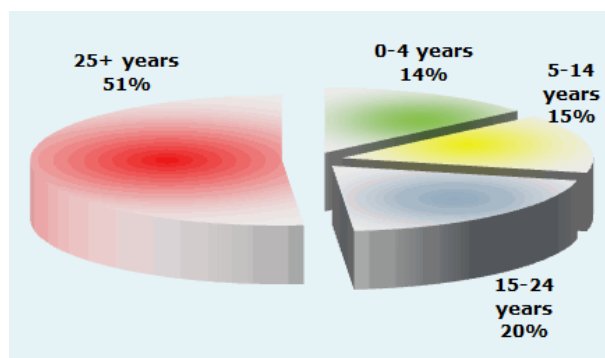
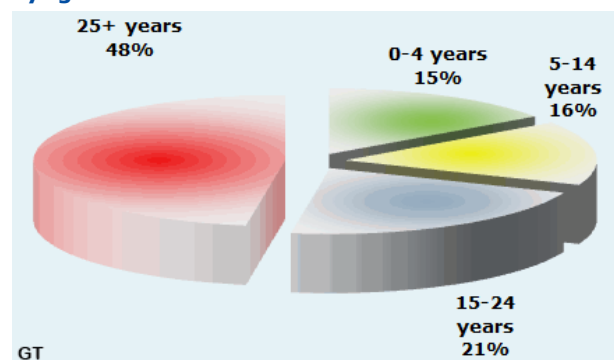
## MEDIUM SHIPS

**Table 91 - Non IGP&I : total number of medium<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	790	30.1%	1,018	36.5%	1,706	45.2%	4,280	44.0%	7,794	41.2%
Specialized Cargo Ships	17	0.6%	4	0.1%	5	0.1%	84	0.9%	110	0.6%
Container Ships	83	3.2%	177	6.3%	199	5.3%	85	0.9%	544	2.9%
Ro-Ro Cargo Ships	20	0.8%	65	2.3%	84	2.2%	208	2.1%	377	2.0%
Bulk Carriers	201	7.7%	151	5.4%	238	6.3%	598	6.2%	1,188	6.3%
Oil and Chemical Tankers	322	12.3%	330	11.8%	613	16.2%	1,299	13.4%	2,564	13.6%
Gas Tankers	53	2.0%	50	1.8%	89	2.4%	138	1.4%	330	1.7%
Other Tankers	24	0.9%	17	0.6%	58	1.5%	171	1.8%	270	1.4%
Passenger Ships	161	6.1%	308	11.0%	397	10.5%	673	6.9%	1,539	8.1%
Offshore Vessels	662	25.2%	348	12.5%	71	1.9%	938	9.7%	2,019	10.7%
Service Ships	196	7.5%	269	9.6%	270	7.1%	910	9.4%	1,645	8.7%
Tugs	94	3.6%	55	2.0%	48	1.3%	335	3.4%	532	2.8%
<b>Total</b>	<b>2,623</b>	<b>100%</b>	<b>2,792</b>	<b>100%</b>	<b>3,778</b>	<b>100%</b>	<b>9,719</b>	<b>100%</b>	<b>18,912</b>	<b>100%</b>

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2,709	29.1%	3,295	34.1%	4,928	37.8%	11,149	38.5%	22,082	36.2%
Specialized Cargo Ships	143	1.5%	28	0.3%	19	0.1%	339	1.2%	529	0.9%
Container Ships	588	6.3%	1,328	13.7%	1,481	11.4%	536	1.9%	3,934	6.5%
Ro-Ro Cargo Ships	139	1.5%	602	6.2%	526	4.0%	1,115	3.8%	2,382	3.9%
Bulk Carriers	1,490	16.0%	788	8.2%	1,616	12.4%	6,752	23.3%	10,647	17.5%
Oil and Chemical Tankers	1,206	13.0%	1,056	10.9%	1,759	13.5%	3,081	10.6%	7,101	11.6%
Gas Tankers	145	1.6%	83	0.9%	221	1.7%	231	0.8%	679	1.1%
Other Tankers	42	0.5%	24	0.2%	85	0.7%	197	0.7%	348	0.6%
Passenger Ships	565	6.1%	1,043	10.8%	1,489	11.4%	2,175	7.5%	5,271	8.6%
Offshore Vessels	1,317	14.2%	627	6.5%	155	1.2%	1,226	4.2%	3,325	5.5%
Service Ships	866	9.3%	730	7.6%	696	5.3%	1,873	6.5%	4,166	6.8%
Tugs	93	1.0%	58	0.6%	49	0.4%	297	1.0%	497	0.8%
<b>Total</b>	<b>9,303</b>	<b>100%</b>	<b>9,663</b>	<b>100%</b>	<b>13,024</b>	<b>100%</b>	<b>28,970</b>	<b>100%</b>	<b>60,960</b>	<b>100%</b>

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

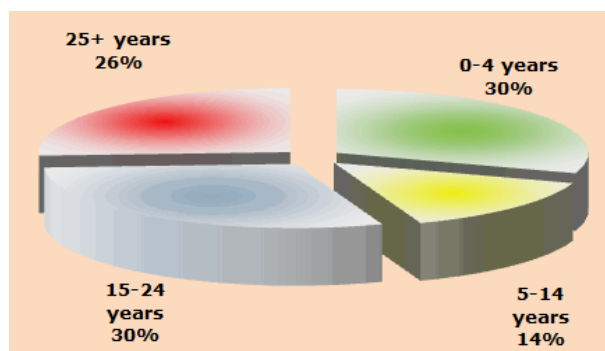
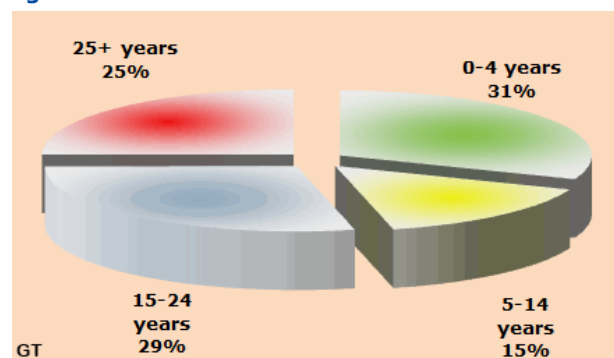
## LARGE SHIPS

**Table 93 - Non IGP&I : total number of large<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships							2	1.7%	2	0.4%
Specialized Cargo Ships							1	0.9%	1	0.2%
Container Ships	4	3.0%	12	18.8%	6	4.5%	1	0.9%	23	5.1%
Ro-Ro Cargo Ships	2	1.5%	4	6.3%	1	0.8%	4	3.4%	11	2.5%
Bulk Carriers	112	83.0%	24	37.5%	96	72.2%	82	70.7%	314	70.1%
Oil and Chemical Tankers	1	0.7%	14	21.9%	22	16.5%	13	11.2%	50	11.2%
Gas Tankers	1	0.7%					2	1.7%	3	0.7%
Other Tankers										
Passenger Ships	5	3.7%	2	3.1%	5	3.8%	3	2.6%	15	3.3%
Offshore Vessels	8	5.9%	8	12.5%	2	1.5%	6	5.2%	24	5.4%
Service Ships	2	1.5%			1	0.8%	2	1.7%	5	1.1%
Tugs										
<b>Total</b>	<b>135</b>	<b>100%</b>	<b>64</b>	<b>100%</b>	<b>133</b>	<b>100%</b>	<b>116</b>	<b>100%</b>	<b>448</b>	<b>100%</b>

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships							59	1.5%	59	0.4%
Specialized Cargo Ships							39	1.0%	39	0.3%
Container Ships	219	4.7%	350	15.0%	203	4.7%	33	0.9%	806	5.3%
Ro-Ro Cargo Ships	80	1.7%	193	8.3%	26	0.6%	147	3.9%	447	2.9%
Bulk Carriers	3,768	80.0%	891	38.1%	3,109	71.3%	2,581	67.6%	10,348	68.0%
Oil and Chemical Tankers	58	1.2%	535	22.9%	763	17.5%	475	12.4%	1,831	12.0%
Gas Tankers	46	1.0%					88	2.3%	134	0.9%
Other Tankers										
Passenger Ships	162	3.4%	56	2.4%	139	3.2%	90	2.4%	448	2.9%
Offshore Vessels	292	6.2%	315	13.5%	91	2.1%	245	6.4%	943	6.2%
Service Ships	83	1.8%			30	0.7%	63	1.7%	177	1.2%
Tugs										
<b>Total</b>	<b>4,709</b>	<b>100%</b>	<b>2,340</b>	<b>100%</b>	<b>4,361</b>	<b>100%</b>	<b>3,820</b>	<b>100%</b>	<b>15,229</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup> 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**



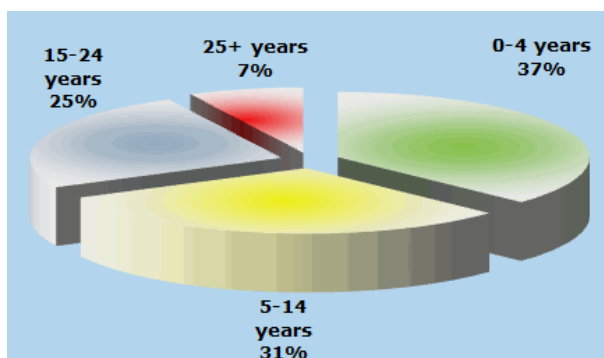
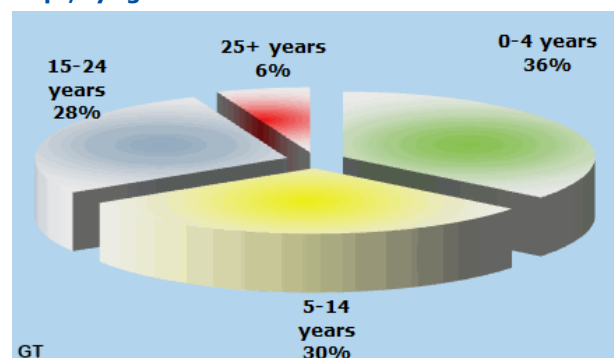
## VERY LARGE SHIPS

**Table 95 - Non IGP&I : total number of very large<sup>(1)</sup> ships, by type and age**

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	6	15.0%	4	12.1%					10	9.3%
Ro-Ro Cargo Ships										
Bulk Carriers	2	5.0%			7	25.9%	2	25.0%	11	10.2%
Oil and Chemical Tankers	19	47.5%	22	66.7%	15	55.6%			56	51.9%
Gas Tankers										
Other Tankers										
Passenger Ships										
Offshore Vessels	13	32.5%	7	21.2%	5	18.5%	6	75.0%	31	28.7%
Service Ships										
Tugs										
<b>Total</b>	<b>40</b>	<b>100%</b>	<b>33</b>	<b>100%</b>	<b>27</b>	<b>100%</b>	<b>8</b>	<b>100%</b>	<b>108</b>	<b>100%</b>

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

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	448	10.4%	299	8.1%					747	6.2%
Ro-Ro Cargo Ships										
Bulk Carriers	185	4.3%			615	18.3%	146	20.1%	946	7.8%
Oil and Chemical Tankers	2,723	63.2%	2,951	80.1%	2,127	63.2%			7,802	64.5%
Gas Tankers										
Other Tankers										
Passenger Ships										
Offshore Vessels	956	22.2%	435	11.8%	624	18.5%	582	79.9%	2,597	21.5%
Service Ships										
Tugs										
<b>Total</b>	<b>4,312</b>	<b>100%</b>	<b>3,685</b>	<b>100%</b>	<b>3,366</b>	<b>100%</b>	<b>729</b>	<b>100%</b>	<b>12,091</b>	<b>100%</b>

Source: Equasis - <sup>(1)</sup>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&amp;I AND FLAG

## WORLD FLEET GT≥500

Table 97 - P&amp;I world fleet GT≥500 status : total number of ships, by type and flag- 2012

Ship Type	Targeted flag			Non Targeted flag						
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total				
General Cargo Ships	1,721	16.6%	4,045	52.3%	5,766	2,263	10.9%	3,751	32.0%	6,014
Specialized Cargo Ships	33	0.3%	73	0.9%	106	106	0.5%	38	0.3%	144
Container Ships	1,294	12.5%	301	3.9%	1,595	2,971	14.3%	276	2.4%	3,247
Ro-Ro Cargo Ships	418	4.0%	168	2.2%	586	632	3.0%	220	1.9%	852
Bulk Carriers	3,428	33.1%	573	7.4%	4,001	4,629	22.2%	940	8.0%	5,569
Oil and Chemical Tankers	2,051	19.8%	974	12.6%	3,025	5,252	25.2%	1,696	14.4%	6,948
Gas Tankers	352	3.4%	87	1.1%	439	853	4.1%	246	2.1%	1,099
Other Tankers	56	0.5%	107	1.4%	163	127	0.6%	163	1.4%	290
Passenger Ships	297	2.9%	429	5.5%	726	1,042	5.0%	1,125	9.6%	2,167
Offshore Vessels	538	5.2%	545	7.1%	1,083	2,149	10.3%	1,529	13.0%	3,678
Service Ships	105	1.0%	347	4.5%	452	491	2.4%	1,303	11.1%	1,794
Tugs	62	0.6%	81	1.0%	143	290	1.4%	451	3.8%	741
<b>Total</b>	<b>10,355</b>	<b>100%</b>	<b>7,730</b>	<b>100%</b>	<b>18,085</b>	<b>20,805</b>	<b>100%</b>	<b>11,738</b>	<b>100%</b>	<b>32,543</b>

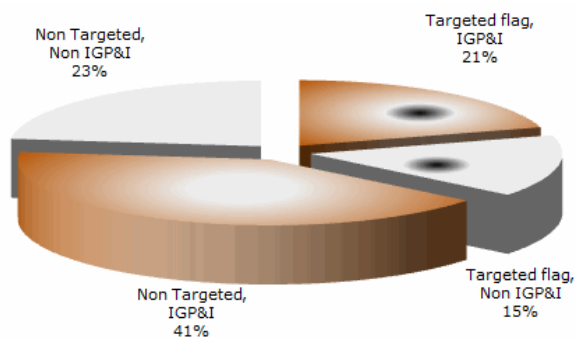
Source: Equasis

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

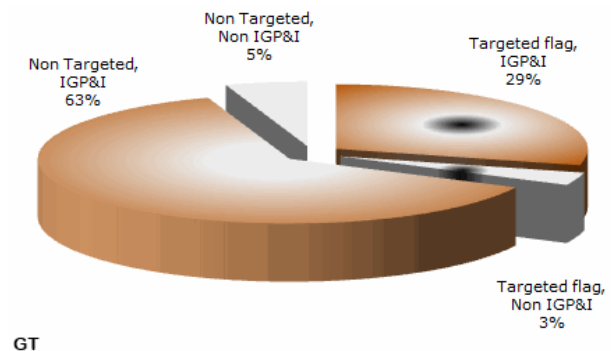
Ship Type	Targeted flag			Non Targeted flag						
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total				
General Cargo Ships	13,088	4.3%	11,426	34.1%	24,514	20,378	3.1%	10,715	19.6%	31,093
Specialized Cargo Ships	742	0.2%	293	0.9%	1,035	2,074	0.3%	275	0.5%	2,349
Container Ships	47,662	15.8%	2,078	6.2%	49,740	122,473	18.8%	3,407	6.2%	125,881
Ro-Ro Cargo Ships	18,163	6.0%	1,297	3.9%	19,460	23,753	3.7%	1,532	2.8%	25,284
Bulk Carriers	137,984	45.6%	6,998	20.9%	144,981	199,470	30.7%	14,943	27.3%	214,413
Oil and Chemical Tankers	61,364	20.3%	7,180	21.4%	68,544	202,411	31.1%	9,554	17.4%	211,965
Gas Tankers	8,741	2.9%	304	0.9%	9,045	40,255	6.2%	509	0.9%	40,765
Other Tankers	155	0.1%	151	0.5%	306	650	0.1%	197	0.4%	846
Passenger Ships	9,793	3.2%	1,790	5.3%	11,583	18,492	2.8%	3,929	7.2%	22,421
Offshore Vessels	4,204	1.4%	1,173	3.5%	5,377	16,263	2.5%	5,692	10.4%	21,955
Service Ships	495	0.2%	767	2.3%	1,262	3,410	0.5%	3,576	6.5%	6,985
Tugs	73	0.0%	70	0.2%	144	313	0.0%	427	0.8%	740
<b>Total</b>	<b>302,465</b>	<b>100%</b>	<b>33,527</b>	<b>100%</b>	<b>335,991</b>	<b>649,943</b>	<b>100%</b>	<b>54,754</b>	<b>100%</b>	<b>704,697</b>

Source: Equasis

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



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



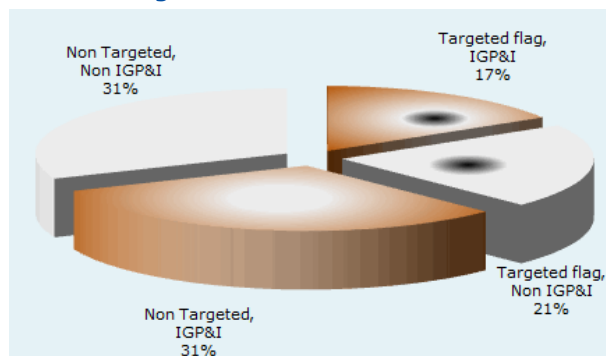
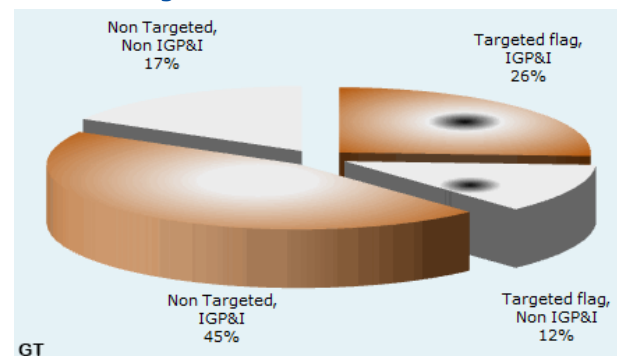
## MEDIUM SHIPS

**Table 99 - P&I status : total number of medium<sup>(1)</sup> ships, by type and flag- 2012**

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	1,693	28.6%	4,043	53.2%	5,736	2,112	18.7%	3,751	33.2%	5,863
Specialized Cargo Ships	18	0.3%	73	1.0%	91	70	0.6%	37	0.3%	107
Container Ships	631	10.7%	301	4.0%	932	1,125	9.9%	243	2.1%	1,368
Ro-Ro Cargo Ships	81	1.4%	160	2.1%	241	221	2.0%	217	1.9%	438
Bulk Carriers	1,127	19.0%	523	6.9%	1,650	1,173	10.4%	665	5.9%	1,838
Oil and Chemical Tankers	1,250	21.1%	922	12.1%	2,172	2,467	21.8%	1,642	14.5%	4,109
Gas Tankers	246	4.2%	86	1.1%	332	442	3.9%	244	2.2%	686
Other Tankers	56	0.9%	107	1.4%	163	122	1.1%	163	1.4%	285
Passenger Ships	154	2.6%	421	5.5%	575	789	7.0%	1,118	9.9%	1,907
Offshore Vessels	500	8.4%	539	7.1%	1,039	2,029	17.9%	1,480	13.1%	3,509
Service Ships	102	1.7%	346	4.6%	448	472	4.2%	1,299	11.5%	1,771
Tugs	62	1.0%	81	1.1%	143	290	2.6%	451	4.0%	741
<b>Total</b>	<b>5,920</b>	<b>100%</b>	<b>7,602</b>	<b>100%</b>	<b>13,522</b>	<b>11,312</b>	<b>100%</b>	<b>11,310</b>	<b>100%</b>	<b>22,622</b>

Source: Equasis - <sup>(1)</sup> 500≤GT<25.000**Table 100 - P&I status : gross tonnage (in 1000 t) of medium<sup>(1)</sup> ships, by type and flag- 2012**

Ship Type	Targeted flag					Non Targeted flag				
	IGP&I		Non IGP&I		Total	IGP&I		Non IGP&I		Total
General Cargo Ships	12,179	22.4%	11,367	44.2%	23,547	15,567	16.4%	10,715	30.4%	26,282
Specialized Cargo Ships	212	0.4%	293	1.1%	504	735	0.8%	236	0.7%	971
Container Ships	7,688	14.2%	2,078	8.1%	9,767	15,422	16.3%	1,855	5.3%	17,278
Ro-Ro Cargo Ships	961	1.8%	956	3.7%	1,917	3,183	3.4%	1,425	4.0%	4,608
Bulk Carriers	18,344	33.8%	5,093	19.8%	23,438	21,505	22.7%	5,554	15.8%	27,058
Oil and Chemical Tankers	10,435	19.2%	2,401	9.3%	12,836	21,085	22.3%	4,700	13.3%	25,785
Gas Tankers	1,405	2.6%	260	1.0%	1,665	3,641	3.8%	419	1.2%	4,060
Other Tankers	155	0.3%	151	0.6%	306	488	0.5%	197	0.6%	684
Passenger Ships	1,220	2.2%	1,558	6.1%	2,779	4,315	4.6%	3,713	10.5%	8,028
Offshore Vessels	1,267	2.3%	745	2.9%	2,012	5,912	6.2%	2,580	7.3%	8,492
Service Ships	381	0.7%	737	2.9%	1,119	2,475	2.6%	3,429	9.7%	5,904
Tugs	73	0.1%	70	0.3%	144	313	0.3%	427	1.2%	740
<b>Total</b>	<b>54,321</b>	<b>100%</b>	<b>25,711</b>	<b>100%</b>	<b>80,032</b>	<b>94,641</b>	<b>100%</b>	<b>35,249</b>	<b>100%</b>	<b>129,891</b>

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

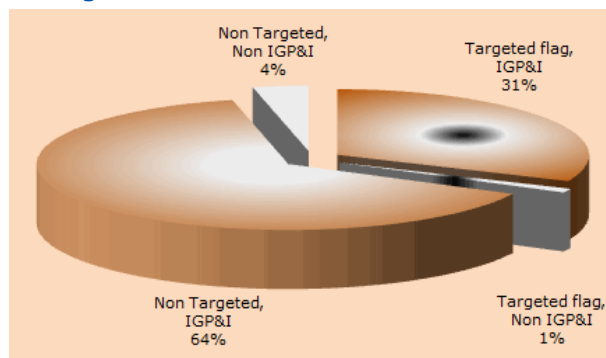
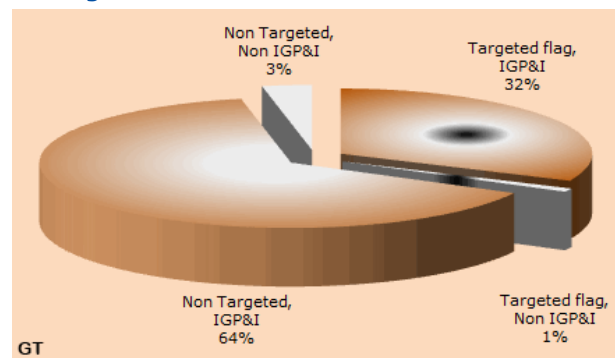
## LARGE SHIPS

**Table 101 - P&I status : total number of large<sup>(1)</sup> 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	28	0.9%	2	2.1%	30	151	2.4%			151
Specialized Cargo Ships	15	0.5%			15	36	0.6%	1	0.3%	37
Container Ships	398	12.8%			398	1,165	18.5%	23	6.5%	1,188
Ro-Ro Cargo Ships	270	8.7%	8	8.4%	278	322	5.1%	3	0.8%	325
Bulk Carriers	1,693	54.4%	46	48.4%	1,739	2,606	41.3%	268	75.9%	2,874
Oil and Chemical Tankers	537	17.3%	26	27.4%	563	1,671	26.5%	24	6.8%	1,695
Gas Tankers	61	2.0%	1	1.1%	62	123	2.0%	2	0.6%	125
Other Tankers						5	0.1%			5
Passenger Ships	87	2.8%	8	8.4%	95	168	2.7%	7	2.0%	175
Offshore Vessels	20	0.6%	3	3.2%	23	45	0.7%	21	5.9%	66
Service Ships	3	0.1%	1	1.1%	4	15	0.2%	4	1.1%	19
Tugs										
<b>Total</b>	<b>3,112</b>	<b>100%</b>	<b>95</b>	<b>100%</b>	<b>3,207</b>	<b>6,307</b>	<b>100%</b>	<b>353</b>	<b>100%</b>	<b>6,660</b>

Source: Equasis - <sup>(1)</sup> 25.000≤GT<60.000**Table 102 - P&I status : gross tonnage (in 1000 t) of large<sup>(1)</sup> 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	909	0.8%	59	1.8%	968	4,811	2.0%			4,811
Specialized Cargo Ships	530	0.4%			530	1,339	0.6%	39	0.3%	1,377
Container Ships	15,593	13.1%			15,593	45,383	19.0%	806	6.8%	46,189
Ro-Ro Cargo Ships	12,893	10.9%	341	10.3%	13,233	14,801	6.2%	106	0.9%	14,907
Bulk Carriers	62,351	52.6%	1,583	47.7%	63,934	94,960	39.7%	8,766	73.6%	103,726
Oil and Chemical Tankers	19,479	16.4%	931	28.1%	20,411	63,392	26.5%	899	7.6%	64,292
Gas Tankers	2,683	2.3%	44	1.3%	2,727	5,404	2.3%	90	0.8%	5,494
Other Tankers						162	0.1%			162
Passenger Ships	3,143	2.6%	231	7.0%	3,374	6,022	2.5%	216	1.8%	6,238
Offshore Vessels	936	0.8%	102	3.1%	1,038	2,157	0.9%	841	7.1%	2,998
Service Ships	114	0.1%	30	0.9%	144	573	0.2%	147	1.2%	720
Tugs										
<b>Total</b>	<b>118,631</b>	<b>100%</b>	<b>3,320</b>	<b>100%</b>	<b>121,951</b>	<b>239,004</b>	<b>100%</b>	<b>11,909</b>	<b>100%</b>	<b>250,913</b>

Source: Equasis - <sup>(1)</sup> 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**

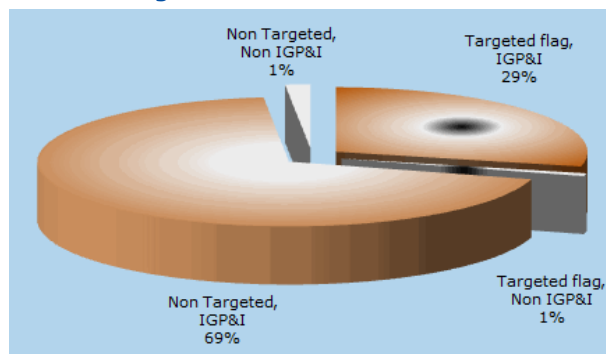
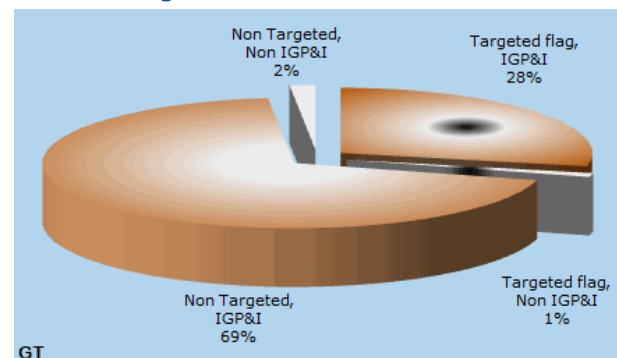
## VERY LARGE SHIPS

**Table 103 - P&I status : total number of very large<sup>(1)</sup> ships, by type and flag- 2012**

Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	265	20.0%		681	21.4%	691
Ro-Ro Cargo Ships	67	5.1%		89	2.8%	89
Bulk Carriers	608	46.0%	4	12.1%	612	857
Oil and Chemical Tankers	264	20.0%	26	78.8%	290	1,144
Gas Tankers	45	3.4%		45	288	288
Other Tankers						
Passenger Ships	56	4.2%		56	85	85
Offshore Vessels	18	1.4%	3	9.1%	21	103
Service Ships				4	0.1%	4
Tugs						
<b>Total</b>	<b>1,323</b>	<b>100%</b>	<b>33</b>	<b>100%</b>	<b>1,356</b>	<b>3,186</b>

Source: Equasis - <sup>(1)</sup>GT≥60.000**Table 104 - P&I status : gross tonnage (in 1000 t) of very large<sup>(1)</sup> ships, by type and flag- 2012**

Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	24,381	18.8%		24,381	61,668	62,415
Ro-Ro Cargo Ships	4,309	3.3%		4,309	5,769	5,769
Bulk Carriers	57,288	44.2%	322	7.2%	57,610	83,629
Oil and Chemical Tankers	31,450	24.3%	3,847	85.6%	35,297	117,933
Gas Tankers	4,653	3.6%		4,653	31,210	31,210
Other Tankers						
Passenger Ships	5,429	4.2%		5,429	8,155	8,155
Offshore Vessels	2,001	1.5%	327	7.3%	2,328	8,195
Service Ships				361	0.1%	361
Tugs						
<b>Total</b>	<b>129,512</b>	<b>100%</b>	<b>4,496</b>	<b>100%</b>	<b>134,008</b>	<b>316,297</b>

Source: Equasis - <sup>(1)</sup>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<sup>(\*)</sup>, by type and P&I status**

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.73%	8.37%	5.93%
Specialized Cargo Ships	2.82%	7.41%	4.36%
Container Ships	2.34%	5.83%	2.54%
Ro-Ro Cargo Ships	1.40%	11.52%	2.43%
Bulk Carriers	2.45%	6.22%	2.71%
Oil and Chemical Tankers	1.38%	7.85%	1.75%
Gas Tankers	1.22%	7.78%	1.70%
Other Tankers	2.44%	25.42%	7.58%
Passenger Ships	0.92%	3.20%	1.25%
Offshore Vessels	1.85%	8.30%	3.59%
Service Ships	3.19%	9.27%	5.75%
Tugs	2.94%	1.89%	2.48%
<b>Total</b>	<b>2.35%</b>	<b>8.01%</b>	<b>3.40%</b>

Source: Equasis - <sup>(\*)</sup> Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

## MEDIUM SHIPS

**Table 106 - Medium<sup>(1)</sup> ships detention rates<sup>(\*)</sup>, by type and P&I status**

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.92%	8.36%	6.10%
Specialized Cargo Ships	3.42%	7.41%	5.12%
Container Ships	2.79%	6.31%	3.29%
Ro-Ro Cargo Ships	3.10%	12.74%	6.92%
Bulk Carriers	2.75%	6.70%	3.39%
Oil and Chemical Tankers	1.90%	8.30%	2.55%
Gas Tankers	1.76%	8.05%	2.42%
Other Tankers	2.60%	25.42%	7.97%
Passenger Ships	2.24%	4.12%	2.76%
Offshore Vessels	1.90%	8.55%	3.70%
Service Ships	3.35%	9.31%	5.92%
Tugs	2.94%	1.89%	2.48%
<b>Total</b>	<b>2.95%</b>	<b>8.19%</b>	<b>4.62%</b>

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

## LARGE SHIPS

**Table 107 - Large<sup>(1)</sup> ships detention rates<sup>(\*)</sup>, by type and P&I status**

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	1.04%	20.00%	1.20%
Specialized Cargo Ships	1.49%		1.49%
Container Ships	2.40%	0.00%	2.39%
Ro-Ro Cargo Ships	1.31%	3.23%	1.36%
Bulk Carriers	2.39%	3.98%	2.42%
Oil and Chemical Tankers	1.15%	8.82%	1.22%
Gas Tankers	0.60%	0.00%	0.58%
Other Tankers	0.00%		0.00%
Passenger Ships	0.43%	0.00%	0.39%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%	0.00%	0.00%
Tugs			
<b>Total</b>	<b>1.98%</b>	<b>3.75%</b>	<b>2.01%</b>

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

## VERY LARGE SHIPS

**Table 108 - Very large<sup>(1)</sup> ships detention rates<sup>(\*)</sup>, by type and P&I status**

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships			
Specialized Cargo Ships			
Container Ships	1.65%	0.00%	1.64%
Ro-Ro Cargo Ships	0.44%		0.44%
Bulk Carriers	2.00%	0.00%	1.99%
Oil and Chemical Tankers	0.46%	0.00%	0.45%
Gas Tankers	0.00%		0.00%
Other Tankers			
Passenger Ships	0.00%		0.00%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%		0.00%
Tugs			
<b>Total</b>	<b>1.29%</b>	<b>0.00%</b>	<b>1.28%</b>

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

## Chapter 5

# 5. Port State Control

## INTRODUCTION

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

Viña del Mar has joined Equasis in 2012 and the data from that region is reflected in Statistics for the year 2012 only. Therefore, in the tables and graphs that include inspections over the last 3 years (2010-2012), only include data from Viña del Mar in the figures for 2012

## 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 not active anymore 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 received 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 either because of 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 ship size 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 for Viña del Mar. Therefore the proportion of fleet that have not been inspected can be calculated. The figures are sorted by 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.

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## RESULTS

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Table 114 reveals that of the 50,628 ships over 500GT in the fleet covered by Equasis, 65% (32673) were inspected at least once in the period 2010-2012. This equates to 88% by tonnage. Tables 111 and 112 show that this proportion is 56% in 2012 (28473).

Table 111 shows that the number of individual ships inspected increased steadily in the period 2002 to 2011, with a small decrease in 2012. The number of individual ships increased in 2011, due to the new Inspection Regime in the Paris MoU region.

Regionally, Table 112 and Graph 104 indicate that in 2012 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, 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 ship size 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 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. Flag States are also more involved in issuing the ISPS (that ensures security on ships), especially those that are targeted by PSC. 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 (2010-2012)

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	4,360	123	2.8%	11,885	7,901	66.5%	1,304	1,299	99.6%	116	116	100.0%	17,665	9,439	53.4%
Refrigerated Cargo	127	26	20.5%	759	584	76.9%	1	1	100.0%				887	611	68.9%
Heavy load	1		0.0%	60	49	81.7%	27	22	81.5%				88	71	80.7%
Container	16		0.0%	2,112	1,767	83.7%	1,243	1,154	92.8%	891	882	99.0%	4,262	3,803	89.2%
Ro-Ro cargo	30	2	6.7%	586	359	61.3%	482	474	98.3%	136	134	98.5%	1,234	969	78.5%
Bulk Carrier	4	1	25.0%	2,528	2,171	85.9%	3,842	3,426	89.2%	1,417	1,340	94.6%	7,791	6,938	89.1%
Oil tanker	1,530	32	2.1%	3,496	914	26.1%	1,338	1,153	86.2%	1,201	1,058	88.1%	7,565	3,157	41.7%
Chemical tanker	487	6	1.2%	3,030	2,314	76.4%	645	599	92.9%	1	1	100.0%	4,163	2,920	70.1%
Combination carrier				41	23	56.1%	15	15	100.0%	16	16	100.0%	72	54	75.0%
Gas carrier	40	1	2.5%	988	607	61.4%	170	154	90.6%	313	270	86.3%	1,511	1,032	68.3%
NLS Tanker	8	3	37.5%	214	196	91.6%	286	286	100.0%	261	261	100.0%	769	746	97.0%
High speed passenger craft	12	12	100.0%	41	41	100.0%							53	53	100.0%
Passenger Ship	2,713	107	3.9%	676	139	20.6%	67	67	100.0%	137	136	99.3%	3,593	449	12.5%
RoRo passenger ship	746	10	1.3%	1,742	229	13.1%	202	170	84.2%	4	4	100.0%	2,694	413	15.3%
Offshore supply	1,991	60	3.0%	4,153	990	23.8%	11	1	9.1%	2	1	50.0%	6,157	1,052	17.1%
Special purpose ship	194	34	17.5%	354	126	35.6%	14	7	50.0%	2	2	100.0%	564	169	30.0%
Tug	13,847	395	2.9%	853	146	17.1%							14,700	541	3.7%
Other special activities	2,505	386	15.4%	2,204	739	33.5%	167	116	69.5%	117	26	22.2%	4,993	1,267	25.4%
Other	232	9	3.9%	422	138	32.7%	53	46	86.8%	3	3	100.0%	710	196	27.6%
<b>Total</b>	<b>28,843</b>	<b>1,207</b>	<b>4%</b>	<b>36,144</b>	<b>19,433</b>	<b>54%</b>	<b>9,867</b>	<b>8,990</b>	<b>91%</b>	<b>4,617</b>	<b>4,250</b>	<b>92%</b>	<b>79,471</b>	<b>33,880</b>	<b>43%</b>

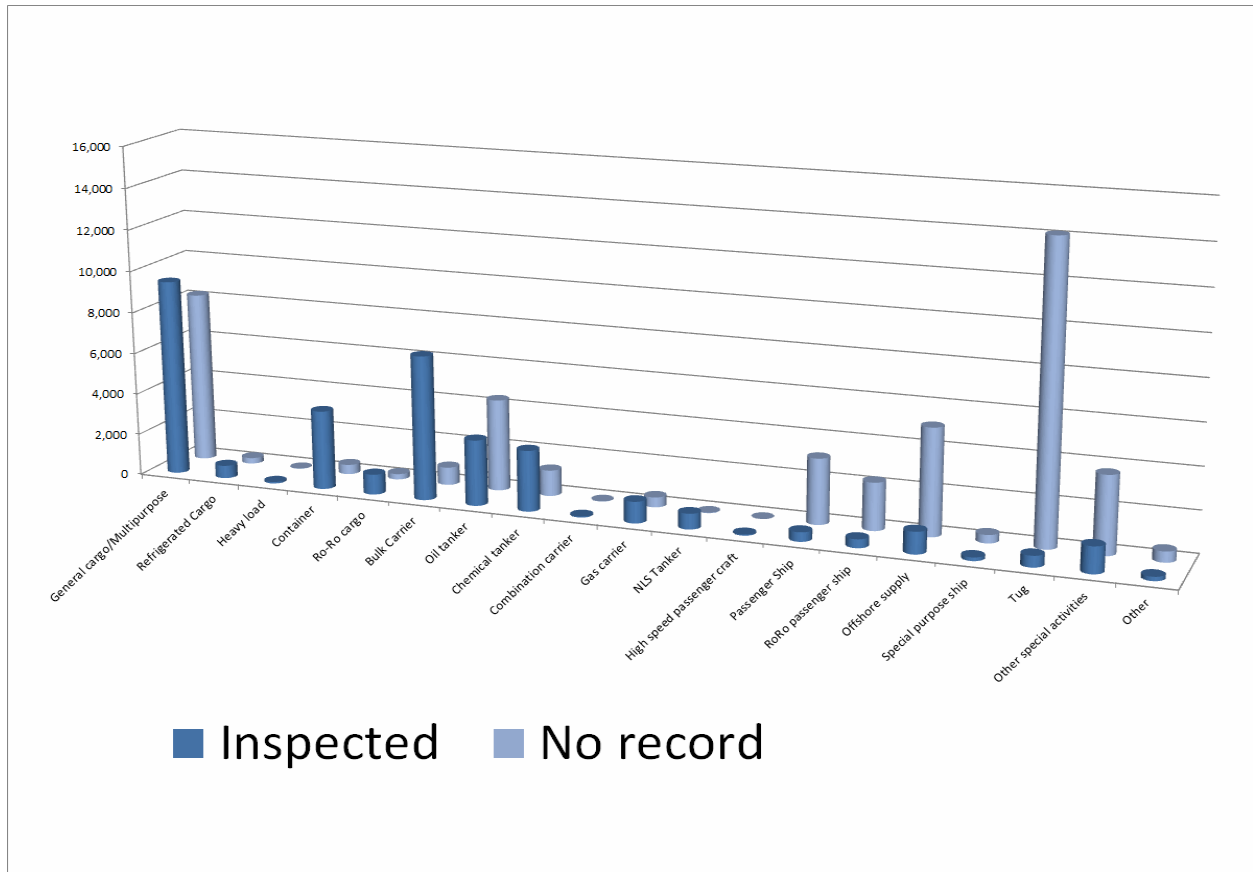
Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> GT≥60.000

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

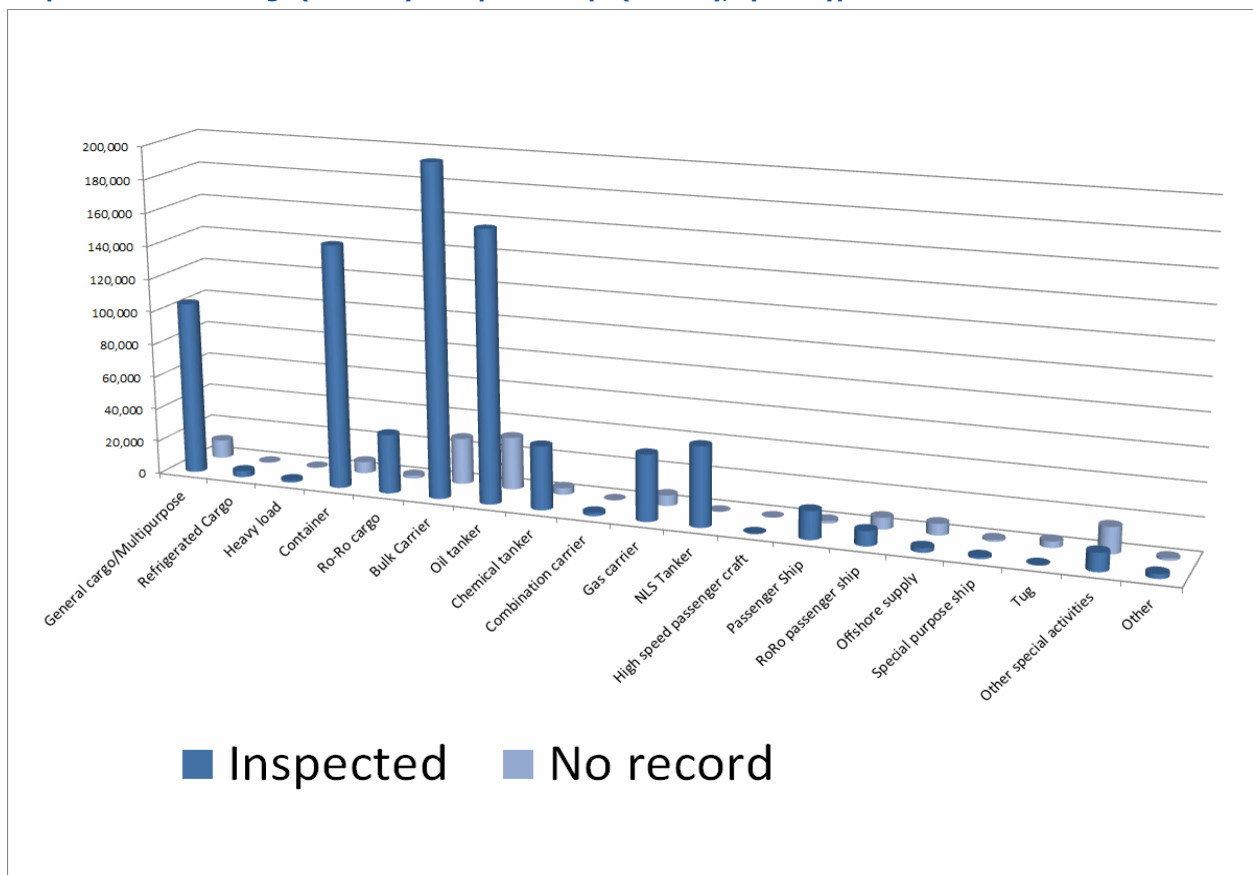
PSC Ship Type	Small			Medium			Large			Very Large			All Sizes		
	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%	Global	Inspected	%
General cargo/Multipurpose	1,477	46	3.1%	56,647	47,205	83.3%	48,323	48,163	99.7%	9,038	9,038	100.0%	115,486	104,452	90.4%
Refrigerated Cargo	38	7	19.0%	4,110	3,764	91.6%	33	33	100.0%				4,181	3,804	91.0%
Heavy load				806	671	83.2%	999	809	81.0%				1,806	1,480	81.9%
Container	6		0.0%	24,570	21,846	88.9%	47,642	44,255	92.9%	81,930	81,052	98.9%	154,148	147,153	95.5%
Ro-Ro cargo	11	1	7.8%	5,790	4,409	76.1%	22,927	22,694	99.0%	8,835	8,704	98.5%	37,563	35,808	95.3%
Bulk Carrier	2		0.0%	41,469	36,423	87.8%	140,070	125,470	89.6%	136,631	128,324	93.9%	318,171	290,217	91.2%
Oil tanker	461	11	2.4%	14,260	6,445	45.2%	55,622	48,646	87.5%	125,085	108,579	86.8%	195,428	163,681	83.8%
Chemical tanker	178	2	1.3%	23,472	20,871	88.9%	18,917	17,587	93.0%	62	62	100.0%	42,629	38,523	90.4%
Combination carrier				236	172	72.6%	451	451	100.0%	1,323	1,323	100.0%	2,011	1,946	96.8%
Gas carrier	15		0.0%	5,415	4,315	79.7%	7,536	6,831	90.7%	33,658	29,010	86.2%	46,624	40,157	86.1%
NLS Tanker	3	1	43.6%	1,961	1,936	98.7%	10,853	10,853	100.0%	35,461	35,461	100.0%	48,279	48,252	99.9%
High speed passenger craft	3	3	100.0%	201	201	100.0%							204	204	100.0%
Passenger Ship	643	24	3.7%	2,026	1,174	57.9%	2,690	2,690	100.0%	13,307	13,226	99.4%	18,665	17,114	91.7%
RoRo passenger ship	226	3	1.4%	8,498	2,792	32.9%	6,892	5,885	85.4%	278	278	100.0%	15,894	8,959	56.4%
Offshore supply	572	18	3.2%	8,609	2,678	31.1%	371	33	8.9%	168	66	39.1%	9,720	2,795	28.8%
Special purpose ship	48	9	18.2%	1,626	792	48.7%	557	288	51.7%	124	124	100.0%	2,355	1,214	51.5%
Tug	3,271	118	3.6%	876	212	24.2%							4,147	330	8.0%
Other special activities	607	110	18.2%	7,489	3,498	46.7%	6,978	4,543	65.1%	11,814	2,921	24.7%	26,888	11,072	41.2%
Other	86	3	3.7%	1,862	836	44.9%	2,001	1,742	87.1%	188	188	100.0%	4,136	2,769	66.9%
<b>Total</b>	<b>7,648</b>	<b>357</b>	<b>5%</b>	<b>209,923</b>	<b>160,240</b>	<b>76%</b>	<b>372,865</b>	<b>340,975</b>	<b>91%</b>	<b>457,901</b>	<b>418,358</b>	<b>91%</b>	<b>1,048,336</b>	<b>919,930</b>	<b>88%</b>

Source: Equasis <sup>(1)</sup> GT<500 - <sup>(2)</sup> 500≤GT<25.000 - <sup>(3)</sup> 25.000≤GT<60.000 - <sup>(4)</sup> 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**



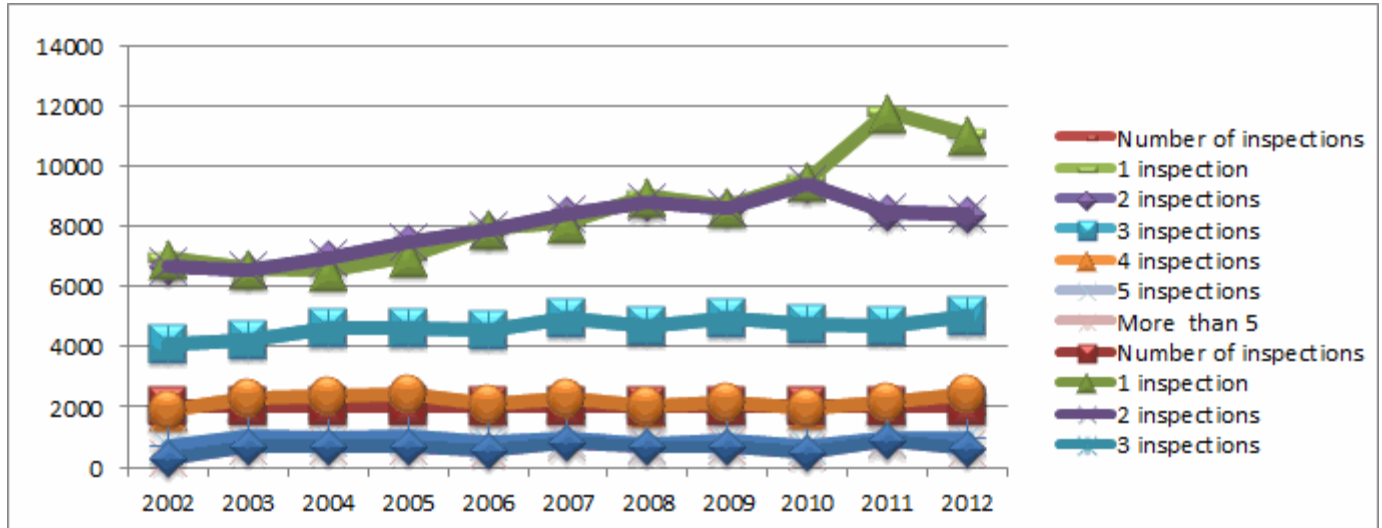
MULTIPLE INSPECTIONS (2002-2012)

Table 111 - Total number of individual ships inspected<sup>(\*)</sup>, by number of inspections per ship – 2002-2012

Number of inspections per ship	Number of ships inspected																					
	2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
1	6,966	33.7%	6,640	31.0%	6,518	29.4%	6,998	30.1%	7,913	33.2%	8,166	31.9%	9,005	34.6%	8,637	33.2%	9,527	35.5%	11,783	40.8%	11,082	38.9%
2	6,691	32.4%	6,514	30.4%	6,956	31.4%	7,470	32.1%	7,898	33.1%	8,415	32.8%	8,818	33.9%	8,571	33.0%	9,413	35.1%	8,438	29.3%	8,380	29.4%
3	4,090	19.8%	4,233	19.7%	4,621	20.8%	4,627	19.9%	4,529	19.0%	4,939	19.3%	4,687	18.0%	4,949	19.0%	4,781	17.8%	4,670	16.2%	5,021	17.6%
4	1,908	9.2%	2,319	10.8%	2,374	10.7%	2,397	10.3%	2,127	8.9%	2,287	8.9%	2,041	7.8%	2,172	8.4%	1,969	7.3%	2,133	7.4%	2,409	8.5%
5	733	3.5%	1,027	4.8%	981	4.4%	1,049	4.5%	830	3.5%	972	3.8%	795	3.1%	934	3.6%	672	2.5%	936	3.2%	950	3.3%
More than 5	292	1.4%	700	3.3%	726	3.3%	703	3.0%	552	2.3%	859	3.4%	671	2.6%	724	2.8%	493	1.8%	887	3.1%	631	2.2%
<b>Total</b>	<b>20,680</b>	<b>100%</b>	<b>21,433</b>	<b>100%</b>	<b>22,176</b>	<b>100%</b>	<b>23,244</b>	<b>100%</b>	<b>23,849</b>	<b>100%</b>	<b>25,638</b>	<b>100%</b>	<b>26,017</b>	<b>100%</b>	<b>25,987</b>	<b>100%</b>	<b>26,855</b>	<b>100%</b>	<b>28,847</b>	<b>100%</b>	<b>28,473</b>	<b>100%</b>

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

Graph 103 -Total number of individual ships inspected<sup>(\*)</sup>, by number of inspections per ship – 2002-2012



(\*) Existing ship types in Equasis

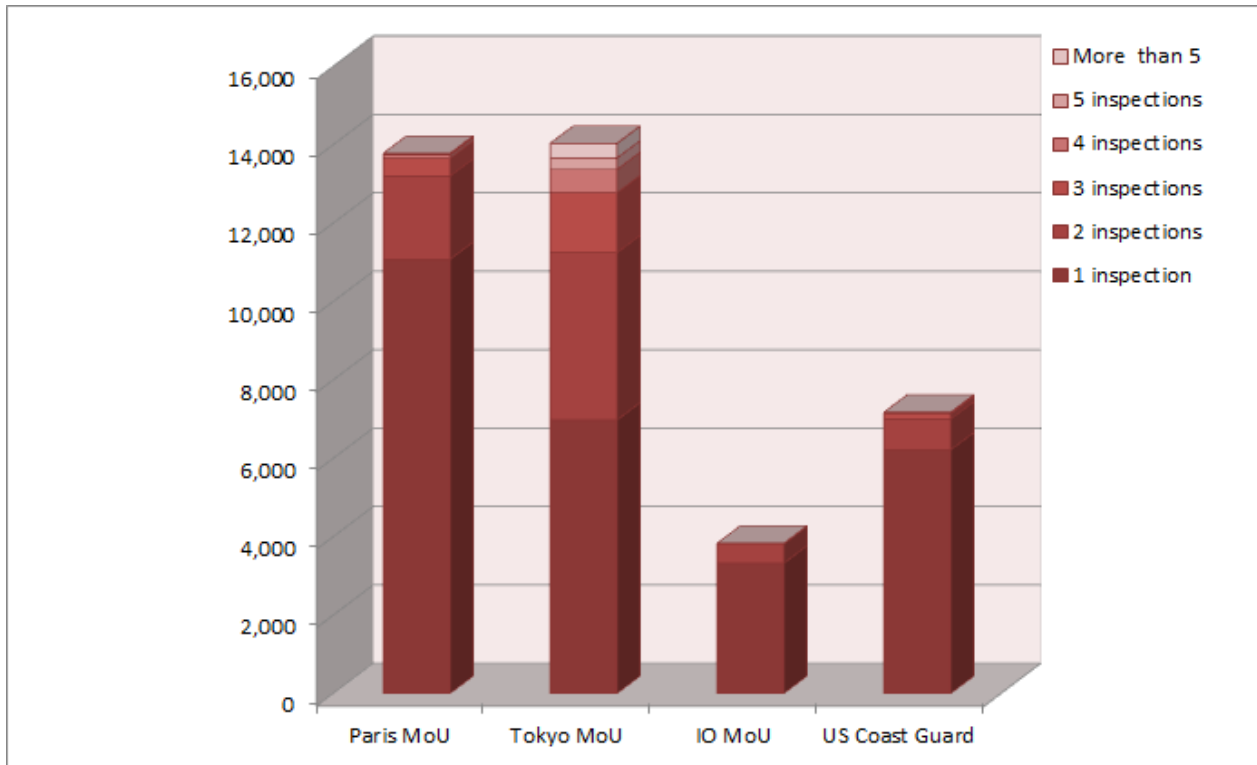
INSPECTION FREQUENCY BY PSC REGIONS (2012)

**Table 112 - Total number of individual ships inspected<sup>(\*)</sup>, 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	11,076	80.4%	6,977	49.7%	3,326	86.9%	6,217	86.7%	3,854	75.7%	11,082	38.9%
2	2,122	15.4%	4,266	30.4%	491	12.8%	785	10.9%	1,001	19.7%	8,380	29.4%
3	445	3.2%	1,527	10.9%	10	0.3%	130	1.8%	184	3.6%	5,021	17.6%
4	97	0.7%	594	4.2%			22	0.3%	44	0.9%	2,409	8.5%
5	26	0.2%	295	2.1%			9	0.1%	8	0.2%	950	3.3%
More than 5	9	0.1%	370	2.6%			7	0.1%			631	2.2%
<b>Total</b>	<b>13,775</b>	<b>100%</b>	<b>14,029</b>	<b>100%</b>	<b>3,827</b>	<b>100%</b>	<b>7,170</b>	<b>100%</b>	<b>5,091</b>	<b>100%</b>	<b>28,473</b>	<b>100%</b>

Source: Equasis - Paris MoU, Tokyo MoU, IO MoU, US Coast Guard- <sup>(\*)</sup> All existing ship types in Equasis

**Graph 104 -Total number of individual ships inspected<sup>(\*)</sup>, by number of inspection per ship and PSC region**



<sup>(\*)</sup> All existing ship types in Equasis

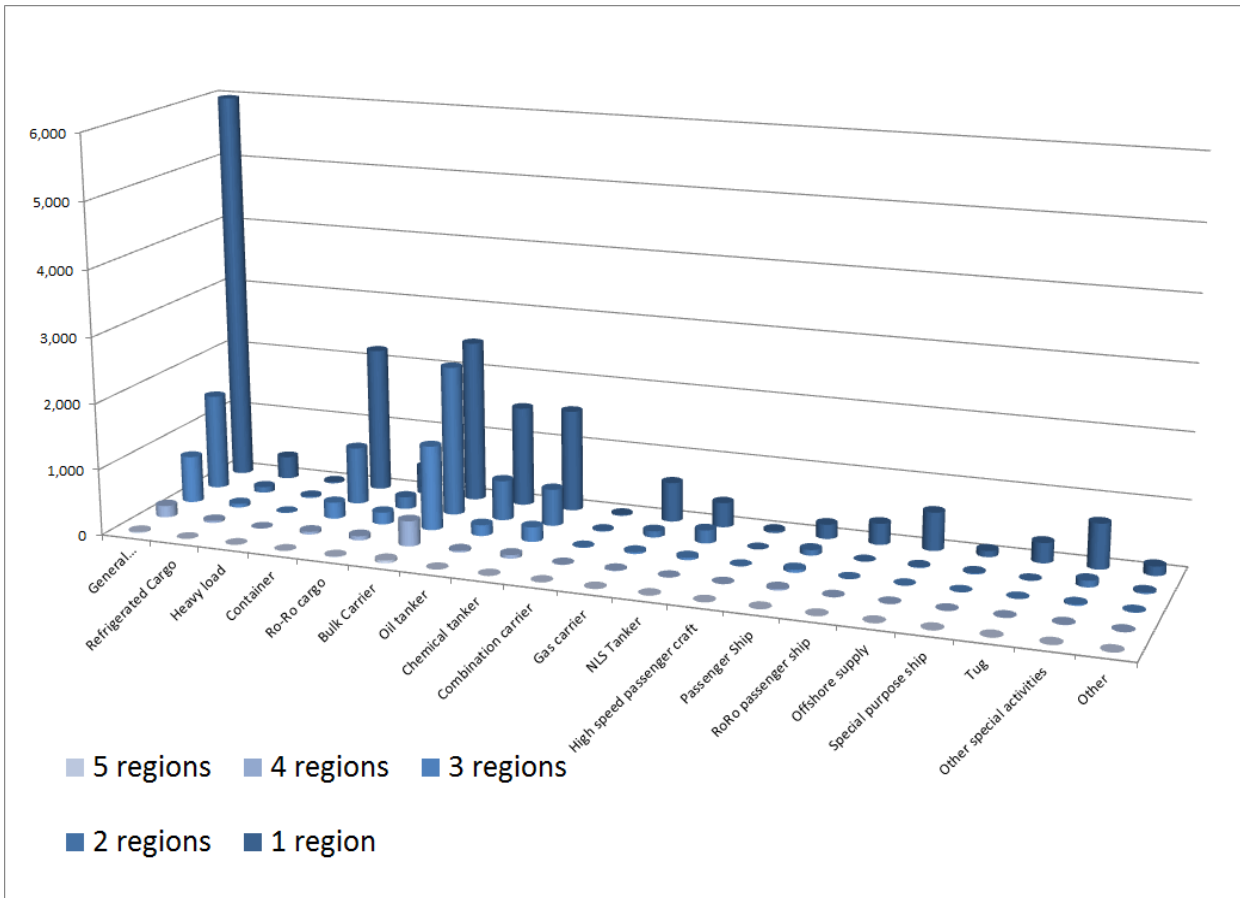
INSPECTIONS IN MORE THAN ONE REGION (2012)

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	5,986	33.4%	1,462	22.0%	716	23.7%	176	21.5%	16	23.5%
Refrigerated Cargo	345	1.9%	90	1.4%	57	1.9%	32	3.9%		
Heavy load	26	0.1%	23	0.3%	6	0.2%	3	0.4%		
Container	2,209	12.3%	874	13.2%	249	8.2%	42	5.1%	1	1.5%
Ro-Ro cargo	430	2.4%	183	2.8%	182	6.0%	64	7.8%	6	8.8%
Bulk Carrier	2,467	13.8%	2,289	34.5%	1,288	42.6%	383	46.9%	41	60.3%
Oil tanker	1,523	8.5%	609	9.2%	166	5.5%	26	3.2%	1	1.5%
Chemical tanker	1,550	8.7%	561	8.4%	222	7.3%	53	6.5%	1	1.5%
Combination carrier	19	0.1%	13	0.2%	8	0.3%	3	0.4%		
Gas carrier	601	3.4%	95	1.4%	27	0.9%	9	1.1%		
NLS Tanker	376	2.1%	199	3.0%	38	1.3%	1	0.1%		
High speed passenger craft	36	0.2%	1	0.0%						
Passenger Ship	220	1.2%	83	1.2%	45	1.5%	22	2.7%	2	2.9%
RoRo passenger ship	324	1.8%	2	0.0%						
Offshore supply	582	3.2%	15	0.2%						
Special purpose ship	94	0.5%	18	0.3%						
Tug	305	1.7%	3	0.0%						
Other special activities	685	3.8%	99	1.5%	19	0.6%	3	0.4%		
Other	141	0.8%	23	0.3%	4	0.1%				
<b>Total</b>	<b>17,919</b>	<b>100%</b>	<b>6,642</b>	<b>100%</b>	<b>3,027</b>	<b>100%</b>	<b>817</b>	<b>100%</b>	<b>68</b>	<b>100%</b>

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

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



## 5.2. SHIPS INSPECTED BETWEEN 2010 AND 2012 - BY AGE

## WHOLE FLEET GT≥500

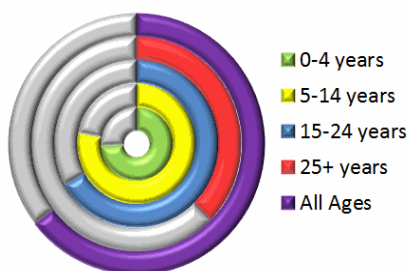
Table 114 - Total number of ships GT≥500 with and without inspections, by PSC type and age

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	2,700	2,226	82.4%	3,029	2,576	85.0%	2,878	2,119	73.6%	4,698	2,395	51.0%	13,305	9,316	70.0%
Refrigerated Cargo	20	19	95.0%	79	73	92.4%	292	270	92.5%	369	223	60.4%	760	585	77.0%
Heavy load	38	26	68.4%	15	15	100.0%	10	10	100.0%	24	20	83.3%	87	71	81.6%
Container	1,192	1,083	90.9%	1,984	1,875	94.5%	879	765	87.0%	191	80	41.9%	4,246	3,803	89.6%
Ro-Ro cargo	289	275	95.2%	409	356	87.0%	198	157	79.3%	308	179	58.1%	1,204	967	80.3%
Bulk Carrier	3,717	3,272	88.0%	2,038	2,000	98.1%	1,193	1,074	90.0%	839	591	70.4%	7,787	6,937	89.1%
Oil tanker	1,595	1,060	66.5%	1,909	1,471	77.1%	1,124	414	36.8%	1,407	180	12.8%	6,035	3,125	51.8%
Chemical tanker	1,353	1,154	85.3%	1,383	1,237	89.4%	547	406	74.2%	393	117	29.8%	3,676	2,914	79.3%
Combination carrier	18	18	100.0%	18	18	100.0%	10	9	90.0%	26	9	34.6%	72	54	75.0%
Gas carrier	415	332	80.0%	441	360	81.6%	357	246	68.9%	258	93	36.0%	1,471	1,031	70.1%
NLS Tanker	258	257	99.6%	356	354	99.4%	110	108	98.2%	37	24	64.9%	761	743	97.6%
High speed passenger craft	4	4	100.0%	17	17	100.0%	20	20	100.0%				41	41	100.0%
Passenger Ship	101	48	47.5%	257	119	46.3%	256	95	37.1%	266	80	30.1%	880	342	38.9%
RoRo passenger ship	230	38	16.5%	447	103	23.0%	461	128	27.8%	810	134	16.5%	1,948	403	20.7%
Offshore supply	1,556	413	26.5%	1,121	285	25.4%	166	57	34.3%	1,323	237	17.9%	4,166	992	23.8%
Special purpose ship	37	25	67.6%	50	34	68.0%	54	25	46.3%	229	51	22.3%	370	135	36.5%
Tug	204	66	32.4%	152	31	20.4%	73	6	8.2%	424	43	10.1%	853	146	17.1%
Other special activities	524	262	50.0%	468	162	34.6%	385	135	35.1%	1,111	322	29.0%	2,488	881	35.4%
Other	75	38	50.7%	81	33	40.7%	100	45	45.0%	222	71	32.0%	478	187	39.1%
<b>Total</b>	<b>14,326</b>	<b>10,616</b>	<b>74%</b>	<b>14,254</b>	<b>11,119</b>	<b>78%</b>	<b>9,113</b>	<b>6,089</b>	<b>67%</b>	<b>12,935</b>	<b>4,849</b>	<b>37%</b>	<b>50,628</b>	<b>32,673</b>	<b>65%</b>

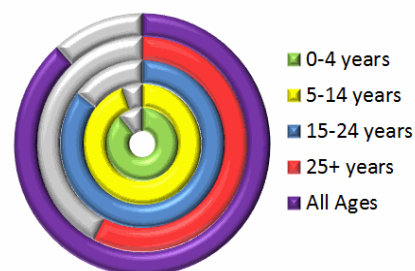
Table 115 - Gross tonnage (in 1000 t) of ships GT≥500 with and without inspections, by PSC type and age

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	40,260	38,663	96.0%	37,065	36,009	97.2%	19,987	18,318	91.7%	16,697	11,415	68.4%	114,008	104,406	91.6%
Refrigerated Cargo	189	187	98.9%	659	646	98.0%	1,945	1,911	98.2%	1,349	1,053	78.1%	4,143	3,797	91.7%
Heavy load	694	426	61.4%	205	205	100.0%	280	280	100.0%	627	569	90.7%	1,806	1,480	81.9%
Container	62,816	59,925	95.4%	69,327	68,065	98.2%	19,125	17,652	92.3%	2,875	1,512	52.6%	154,142	147,153	95.5%
Ro-Ro cargo	13,593	13,377	98.4%	15,241	14,678	96.3%	4,272	4,055	94.9%	4,446	3,696	83.1%	37,552	35,807	95.4%
Bulk Carrier	167,287	148,914	89.0%	82,120	81,643	99.4%	50,432	46,422	92.1%	18,331	13,238	72.2%	318,170	290,217	91.2%
Oil tanker	74,314	61,471	82.7%	93,597	86,095	92.0%	21,998	15,423	70.1%	5,056	681	13.5%	194,967	163,670	83.9%
Chemical tanker	18,673	17,086	91.5%	18,044	17,050	94.5%	3,796	3,442	90.7%	1,938	943	48.7%	42,451	38,520	90.7%
Combination carrier	806	806	100.0%	568	568	100.0%	551	549	99.5%	86	24	27.5%	2,011	1,946	96.8%
Gas carrier	18,119	16,769	92.5%	17,654	15,862	89.8%	6,661	4,460	67.0%	4,174	3,066	73.4%	46,609	40,157	86.2%
NLS Tanker	18,748	18,747	100.0%	22,691	22,689	100.0%	6,532	6,524	99.9%	304	290	95.5%	48,276	48,250	99.9%
High speed passenger craft	29	29	100.0%	71	71	100.0%	101	101	100.0%				201	201	100.0%
Passenger Ship	4,592	4,534	98.7%	8,374	8,105	96.8%	3,448	3,128	90.7%	1,609	1,323	82.2%	18,023	17,090	94.8%
RoRo passenger ship	2,321	1,257	54.2%	5,153	3,049	59.2%	4,156	2,670	64.2%	4,038	1,979	49.0%	15,668	8,956	57.2%
Offshore supply	4,428	1,428	32.2%	2,588	822	31.8%	384	144	37.4%	1,749	383	21.9%	9,148	2,776	30.3%
Special purpose ship	479	319	66.7%	409	294	71.8%	471	276	58.6%	949	316	33.3%	2,308	1,205	52.2%
Tug	230	93	40.2%	189	57	30.2%	77	11	14.2%	381	52	13.6%	876	212	24.2%
Other special activities	9,255	5,827	63.0%	4,535	2,148	47.4%	4,249	1,608	37.8%	8,242	1,379	16.7%	26,281	10,962	41.7%
Other	1,319	900	68.3%	827	553	66.9%	913	686	75.1%	991	627	63.2%	4,050	2,766	68.3%
<b>Total</b>	<b>438,152</b>	<b>390,759</b>	<b>89%</b>	<b>379,317</b>	<b>358,609</b>	<b>95%</b>	<b>149,378</b>	<b>127,659</b>	<b>85%</b>	<b>73,841</b>	<b>42,546</b>	<b>58%</b>	<b>1,040,688</b>	<b>919,573</b>	<b>88%</b>

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



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



GT

## MEDIUM SHIPS

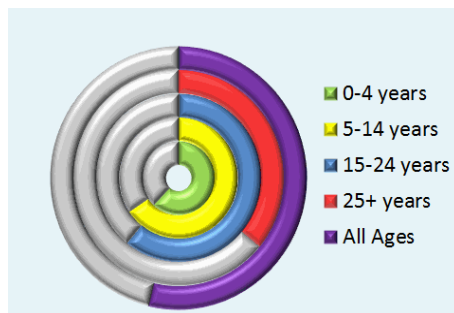
Table 116 - Total number of medium ships with and without inspections, by PSC type and age

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	2,133	1,660	77.8%	2,496	2,043	81.9%	2,638	1,880	71.3%	4,618	2,318	50.2%	11,885	7,901	66.5%
Refrigerated Cargo	20	19	95.0%	78	72	92.3%	292	270	92.5%	369	223	60.4%	759	584	76.9%
Heavy load	32	24	75.0%	14	14	100.0%	4	4	100.0%	10	7	70.0%	60	49	81.7%
Container	429	366	85.3%	919	829	90.2%	613	517	84.3%	151	55	36.4%	2,112	1,767	83.7%
Ro-Ro cargo	40	32	80.0%	160	109	68.1%	138	97	70.3%	248	121	48.8%	586	359	61.3%
Bulk Carrier	1,042	931	89.3%	471	439	93.2%	367	331	90.2%	648	470	72.5%	2,528	2,171	85.9%
Oil tanker	652	237	36.3%	638	281	44.0%	833	222	26.7%	1,373	174	12.7%	3,496	914	26.1%
Chemical tanker	1,030	852	82.7%	1,105	978	88.5%	515	374	72.6%	380	110	28.9%	3,030	2,314	76.4%
Combination carrier	6	6	100.0%	7	7	100.0%	2	1	50.0%	26	9	34.6%	41	23	56.1%
Gas carrier	243	170	70.0%	251	186	74.1%	284	195	68.7%	210	56	26.7%	988	607	61.4%
NLS Tanker	64	63	98.4%	77	75	97.4%	38	36	94.7%	35	22	62.9%	214	196	91.6%
High speed passenger craft	4	4	100.0%	17	17	100.0%	20	20	100.0%				41	41	100.0%
Passenger Ship	59	6	10.2%	158	21	13.3%	212	51	24.1%	247	61	24.7%	676	139	20.6%
RoRo passenger ship	190	6	3.2%	358	34	9.5%	407	78	19.2%	787	111	14.1%	1,742	229	13.1%
Offshore supply	1,548	411	26.6%	1,119	285	25.5%	166	57	34.3%	1,320	237	18.0%	4,153	990	23.8%
Special purpose ship	31	21	67.7%	48	33	68.8%	52	23	44.2%	223	49	22.0%	354	126	35.6%
Tug	204	66	32.4%	152	31	20.4%	73	6	8.2%	424	43	10.1%	853	146	17.1%
Other special activities	397	176	44.3%	415	134	32.3%	341	112	32.8%	1,051	317	30.2%	2,204	739	33.5%
Other	53	19	35.8%	69	22	31.9%	89	35	39.3%	211	62	29.4%	422	138	32.7%
<b>Total</b>	<b>8,177</b>	<b>5,069</b>	<b>62%</b>	<b>8,552</b>	<b>5,610</b>	<b>66%</b>	<b>7,084</b>	<b>4,309</b>	<b>61%</b>	<b>12,331</b>	<b>4,445</b>	<b>36%</b>	<b>36,144</b>	<b>19,433</b>	<b>54%</b>

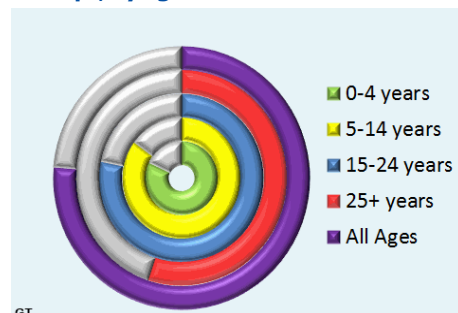
Table 117 - Gross tonnage (in 1000 t) of medium ships with and without inspections, by PSC type and age

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	16,528	14,970	90.6%	15,139	14,084	93.0%	10,823	9,189	84.9%	14,157	8,962	63.3%	56,647	47,205	83.3%
Refrigerated Cargo	189	187	98.9%	626	613	97.9%	1,945	1,911	98.2%	1,349	1,053	78.1%	4,110	3,764	91.6%
Heavy load	470	354	75.3%	153	153	100.0%	40	40	100.0%	143	124	86.5%	806	671	83.2%
Container	5,282	4,834	91.5%	11,015	10,371	94.2%	6,844	6,021	88.0%	1,429	620	43.4%	24,570	21,846	88.9%
Ro-Ro cargo	524	486	92.7%	2,145	1,713	79.9%	1,302	1,085	83.3%	1,818	1,125	61.9%	5,790	4,409	76.1%
Bulk Carrier	17,725	16,229	91.6%	7,190	6,941	96.5%	5,917	5,417	91.6%	10,637	7,836	73.7%	41,469	36,423	87.8%
Oil tanker	3,083	1,523	49.4%	4,538	3,130	69.0%	3,331	1,329	39.9%	3,309	464	14.0%	14,260	6,445	45.2%
Chemical tanker	9,064	8,097	89.3%	10,027	9,571	95.4%	2,884	2,530	87.7%	1,497	674	45.0%	23,472	20,871	88.9%
Combination carrier	71	71	100.0%	66	66	100.0%	14	11	81.1%	86	24	27.5%	236	172	72.6%
Gas carrier	1,849	1,543	83.5%	1,592	1,405	88.3%	1,432	1,146	80.1%	542	220	40.5%	5,415	4,315	79.7%
NLS Tanker	630	629	99.9%	828	826	99.8%	329	320	97.5%	175	161	92.1%	1,961	1,936	98.7%
High speed passenger craft	29	29	100.0%	71	71	100.0%	101	101	100.0%				201	201	100.0%
Passenger Ship	106	49	45.7%	312	123	39.4%	739	419	56.7%	869	583	67.1%	2,026	1,174	57.9%
RoRo passenger ship	856	49	5.8%	1,949	468	24.0%	2,374	1,015	42.8%	3,319	1,260	38.0%	8,498	2,792	32.9%
Offshore supply	4,042	1,329	32.9%	2,528	822	32.5%	384	144	37.4%	1,655	383	23.2%	8,609	2,678	31.1%
Special purpose ship	227	148	65.0%	310	237	76.6%	364	169	46.4%	725	238	32.9%	1,626	792	48.7%
Tug	230	93	40.2%	189	57	30.2%	77	11	14.2%	381	52	13.6%	876	212	24.2%
Other special activities	2,006	1,139	56.8%	1,582	792	50.1%	1,146	564	49.3%	2,755	1,003	36.4%	7,489	3,498	46.7%
Other	430	146	34.1%	406	169	41.8%	426	225	52.7%	600	296	49.3%	1,862	836	44.9%
<b>Total</b>	<b>63,342</b>	<b>51,905</b>	<b>82%</b>	<b>60,667</b>	<b>51,612</b>	<b>85%</b>	<b>40,468</b>	<b>31,645</b>	<b>78%</b>	<b>45,445</b>	<b>25,077</b>	<b>55%</b>	<b>209,923</b>	<b>160,240</b>	<b>76%</b>

Graph 108 - Proportion of medium inspected ships, by age



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





## LARGE SHIPS

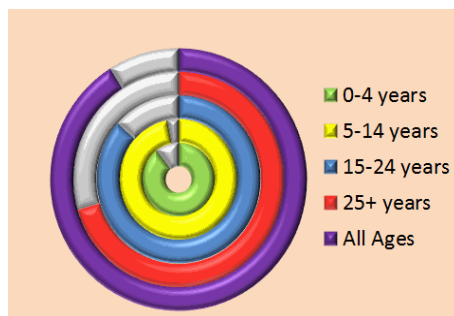
Table 118 - Total number of large ships with and without inspections, by PSC type and age

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	522	521	99.8%	473	473	100.0%	229	228	99.6%	80	77	96.3%	1,304	1,299	99.6%
Refrigerated Cargo				1	1	100.0%							1	1	100.0%
Heavy load	6	2	33.3%	1	1	100.0%	6	6	100.0%	14	13	92.9%	27	22	81.5%
Container	350	313	89.4%	640	621	97.0%	213	195	91.5%	40	25	62.5%	1,243	1,154	92.8%
Ro-Ro cargo	174	168	96.6%	194	194	100.0%	57	57	100.0%	57	55	96.5%	482	474	98.3%
Bulk Carrier	1,880	1,615	85.9%	1,222	1,216	99.5%	568	493	86.8%	172	102	59.3%	3,842	3,426	89.2%
Oil tanker	391	350	89.5%	719	681	94.7%	201	116	57.7%	27	6	22.2%	1,338	1,153	86.2%
Chemical tanker	322	301	93.5%	278	259	93.2%	32	32	100.0%	13	7	53.8%	645	599	92.9%
Combination carrier	8	8	100.0%	6	6	100.0%	1	1	100.0%				15	15	100.0%
Gas carrier	58	57	98.3%	58	56	96.6%	38	30	78.9%	16	11	68.8%	170	154	90.6%
NLS Tanker	87	87	100.0%	161	161	100.0%	37	37	100.0%	1	1	100.0%	286	286	100.0%
High speed passenger craft															
Passenger Ship	4	4	100.0%	25	25	100.0%	20	20	100.0%	18	18	100.0%	67	67	100.0%
RoRo passenger ship	38	30	78.9%	87	67	77.0%	54	50	92.6%	23	23	100.0%	202	170	84.2%
Offshore supply	6	1	16.7%	2		0.0%				3		0.0%	11	1	9.1%
Special purpose ship	5	3	60.0%	2	1	50.0%	1	1	100.0%	6	2	33.3%	14	7	50.0%
Tug															
Other special activities	86	69	80.2%	36	24	66.7%	28	21	75.0%	17	2	11.8%	167	116	69.5%
Other	20	17	85.0%	12	11	91.7%	10	9	90.0%	11	9	81.8%	53	46	86.8%
<b>Total</b>	<b>3,957</b>	<b>3,546</b>	<b>90%</b>	<b>3,917</b>	<b>3,797</b>	<b>97%</b>	<b>1,495</b>	<b>1,296</b>	<b>87%</b>	<b>498</b>	<b>351</b>	<b>70%</b>	<b>9,867</b>	<b>8,990</b>	<b>91%</b>

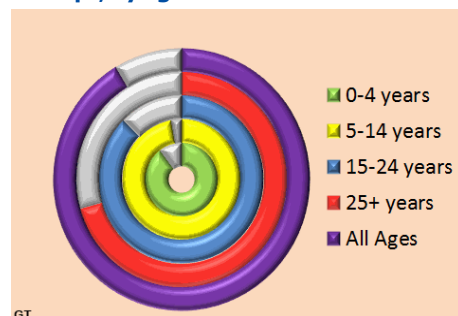
Table 119 - Gross tonnage (in 1000 t) of large ships with and without inspections, by PSC type and age

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	19,871	19,832	99.8%	17,501	17,501	100.0%	8,411	8,376	99.6%	2,540	2,453	96.6%	48,323	48,163	99.7%
Refrigerated Cargo				33	33	100.0%							33	33	100.0%
Heavy load	224	72	32.2%	52	52	100.0%	240	240	100.0%	483	445	92.0%	999	809	81.0%
Container	13,858	12,292	88.7%	23,663	23,045	97.4%	8,675	8,026	92.5%	1,446	892	61.6%	47,642	44,255	92.9%
Ro-Ro cargo	8,185	8,008	97.8%	9,550	9,550	100.0%	2,763	2,763	100.0%	2,428	2,372	97.7%	22,927	22,694	99.0%
Bulk Carrier	71,687	61,974	86.5%	43,619	43,390	99.5%	19,126	16,759	87.6%	5,638	3,346	59.4%	140,070	125,470	89.6%
Oil tanker	16,074	14,384	89.5%	30,421	29,083	95.6%	8,070	4,962	61.5%	1,057	217	20.5%	55,622	48,646	87.5%
Chemical tanker	9,547	8,927	93.5%	8,017	7,479	93.3%	912	912	100.0%	441	269	61.1%	18,917	17,587	93.0%
Combination carrier	236	236	100.0%	170	170	100.0%	46	46	100.0%				451	451	100.0%
Gas carrier	2,657	2,609	98.2%	2,518	2,425	96.3%	1,638	1,287	78.6%	723	511	70.6%	7,536	6,831	90.7%
NLS Tanker	3,112	3,112	100.0%	6,098	6,098	100.0%	1,609	1,609	100.0%	34	34	100.0%	10,853	10,853	100.0%
High speed passenger craft															
Passenger Ship	133	133	100.0%	950	950	100.0%	941	941	100.0%	666	666	100.0%	2,690	2,690	100.0%
RoRo passenger ship	1,337	1,080	80.8%	3,054	2,431	79.6%	1,783	1,655	92.9%	719	719	100.0%	6,892	5,885	85.4%
Offshore supply	218	33	15.1%	59		0.0%				94		0.0%	371	33	8.9%
Special purpose ship	192	112	58.2%	99	56	56.9%	43	43	100.0%	224	78	34.7%	557	288	51.7%
Tug															
Other special activities	3,619	2,720	75.2%	1,530	936	61.2%	1,169	821	70.3%	660	65	9.8%	6,978	4,543	65.1%
Other	768	633	82.4%	421	384	91.1%	420	394	93.9%	391	331	84.6%	2,001	1,742	87.1%
<b>Total</b>	<b>151,717</b>	<b>136,157</b>	<b>90%</b>	<b>147,756</b>	<b>143,585</b>	<b>97%</b>	<b>55,845</b>	<b>48,836</b>	<b>87%</b>	<b>17,546</b>	<b>12,397</b>	<b>71%</b>	<b>372,865</b>	<b>340,975</b>	<b>91%</b>

Graph 110 - Proportion of large inspected ships, by age



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



## VERY LARGE SHIPS

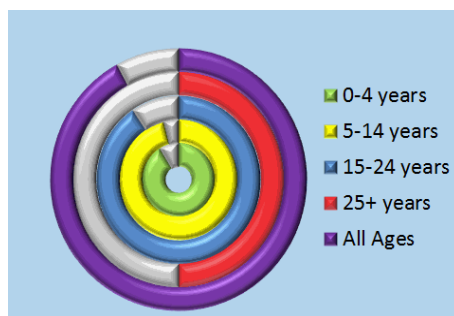
Table 120 - Total number of very large ships with and without inspections, by age and size

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	45	45	100.0%	60	60	100.0%	11	11	100.0%				116	116	100.0%
Refrigerated Cargo															
Heavy load															
Container	413	404	97.8%	425	425	100.0%	53	53	100.0%				891	882	99.0%
Ro-Ro cargo	75	75	100.0%	55	53	96.4%	3	3	100.0%	3	3	100.0%	136	134	98.5%
Bulk Carrier	795	726	91.3%	345	345	100.0%	258	250	96.9%	19	19	100.0%	1,417	1,340	94.6%
Oil tanker	552	473	85.7%	552	509	92.2%	90	76	84.4%	7		0.0%	1,201	1,058	88.1%
Chemical tanker	1	1	100.0%										1	1	100.0%
Combination carrier	4	4	100.0%	5	5	100.0%	7	7	100.0%				16	16	100.0%
Gas carrier	114	105	92.1%	132	118	89.4%	35	21	60.0%	32	26	81.3%	313	270	86.3%
NLS Tanker	107	107	100.0%	118	118	100.0%	35	35	100.0%	1	1	100.0%	261	261	100.0%
High speed passenger craft															
Passenger Ship	38	38	100.0%	74	73	98.6%	24	24	100.0%	1	1	100.0%	137	136	99.3%
RoRo passenger ship	2	2	100.0%	2	2	100.0%							4	4	100.0%
Offshore supply	2	1	50.0%										2	1	50.0%
Special purpose ship	1	1	100.0%				1	1	100.0%				2	2	100.0%
Tug															
Other special activities	41	17	41.5%	17	4	23.5%	16	2	12.5%	43	3	7.0%	117	26	22.2%
Other	2	2	100.0%				1	1	100.0%				3	3	100.0%
<b>Total</b>	<b>2,192</b>	<b>2,001</b>	<b>91%</b>	<b>1,785</b>	<b>1,712</b>	<b>96%</b>	<b>534</b>	<b>484</b>	<b>91%</b>	<b>106</b>	<b>53</b>	<b>50%</b>	<b>4,617</b>	<b>4,250</b>	<b>92%</b>

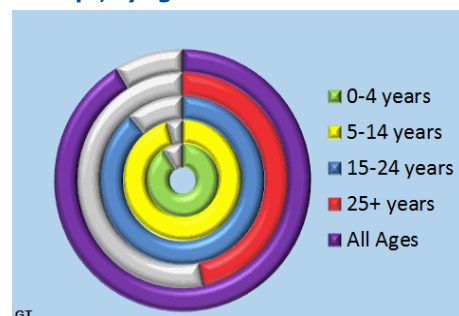
Table 121 - Gross tonnage (in 1000 t) of very large ships with and without inspections, by age and size

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	3,861	3,861	100.0%	4,424	4,424	100.0%	753	753	100.0%				9,038	9,038	100.0%
Refrigerated Cargo															
Heavy load															
Container	43,676	42,799	98.0%	34,649	34,649	100.0%	3,605	3,605	100.0%				81,930	81,052	98.9%
Ro-Ro cargo	4,883	4,883	100.0%	3,545	3,415	96.3%	207	207	100.0%	200	200	100.0%	8,835	8,704	98.5%
Bulk Carrier	77,875	70,711	90.8%	31,311	31,311	100.0%	25,389	24,246	95.5%	2,056	2,056	100.0%	136,631	128,324	93.9%
Oil tanker	55,158	45,564	82.6%	58,639	53,883	91.9%	10,598	9,132	86.2%	690		0.0%	125,085	108,579	86.8%
Chemical tanker	62	62	100.0%										62	62	100.0%
Combination carrier	499	499	100.0%	332	332	100.0%	492	492	100.0%				1,323	1,323	100.0%
Gas carrier	13,614	12,617	92.7%	13,543	12,031	88.8%	3,592	2,027	56.4%	2,909	2,335	80.3%	33,658	29,010	86.2%
NLS Tanker	15,006	15,006	100.0%	15,765	15,765	100.0%	4,595	4,595	100.0%	95	95	100.0%	35,461	35,461	100.0%
High speed passenger craft															
Passenger Ship	4,353	4,353	100.0%	7,113	7,033	98.9%	1,767	1,767	100.0%	74	74	100.0%	13,307	13,226	99.4%
RoRo passenger ship	128	128	100.0%	150	150	100.0%							278	278	100.0%
Offshore supply	168	66	39.1%										168	66	39.1%
Special purpose ship	60	60	100.0%				64	64	100.0%				124	124	100.0%
Tug															
Other special activities	3,630	1,968	54.2%	1,422	419	29.5%	1,935	222	11.5%	4,826	312	6.5%	11,814	2,921	24.7%
Other	121	121	100.0%				67	67	100.0%				188	188	100.0%
<b>Total</b>	<b>223,093</b>	<b>202,696</b>	<b>91%</b>	<b>170,894</b>	<b>163,412</b>	<b>96%</b>	<b>53,064</b>	<b>47,178</b>	<b>89%</b>	<b>10,850</b>	<b>5,072</b>	<b>47%</b>	<b>457,901</b>	<b>418,358</b>	<b>91%</b>

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 2010 AND 2012 – BY P&amp;I

## WHOLE FLEET GT≥500

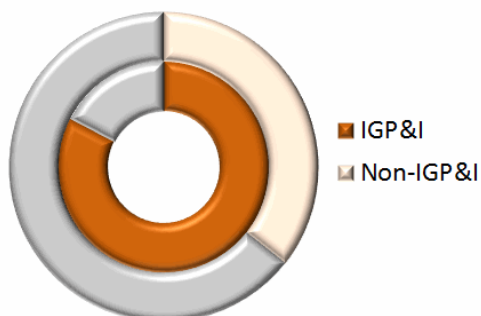
Table 122 - Total number of ships GT≥500 with and without inspections, by PSC type and P&amp;I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	5,515	5,278	95.7%	7,790	4,038	51.8%	13,305	9,316	70.0%
Refrigerated Cargo	312	306	98.1%	448	279	62.3%	760	585	77.0%
Heavy load	75	67	89.3%	12	4	33.3%	87	71	81.6%
Container	3,695	3,485	94.3%	551	318	57.7%	4,246	3,803	89.6%
Ro-Ro cargo	895	856	95.6%	309	111	35.9%	1,204	967	80.3%
Bulk Carrier	6,803	6,384	93.8%	984	553	56.2%	7,787	6,937	89.1%
Oil tanker	3,835	2,756	71.9%	2,200	369	16.8%	6,035	3,125	51.8%
Chemical tanker	2,956	2,667	90.2%	720	247	34.3%	3,676	2,914	79.3%
Combination carrier	46	45	97.8%	26	9	34.6%	72	54	75.0%
Gas carrier	1,140	956	83.9%	331	75	22.7%	1,471	1,031	70.1%
NLS Tanker	713	712	99.9%	48	31	64.6%	761	743	97.6%
High speed passenger craft	28	28	100.0%	13	13	100.0%	41	41	100.0%
Passenger Ship	434	309	71.2%	446	33	7.4%	880	342	38.9%
RoRo passenger ship	876	306	34.9%	1,072	97	9.0%	1,948	403	20.7%
Offshore supply	2,306	709	30.7%	1,860	283	15.2%	4,166	992	23.8%
Special purpose ship	144	104	72.2%	226	31	13.7%	370	135	36.5%
Tug	334	88	26.3%	519	58	11.2%	853	146	17.1%
Other special activities	900	580	64.4%	1,588	301	19.0%	2,488	881	35.4%
Other	153	104	68.0%	325	83	25.5%	478	187	39.1%
<b>Total</b>	<b>31,160</b>	<b>25,740</b>	<b>83%</b>	<b>19,468</b>	<b>6,933</b>	<b>36%</b>	<b>50,628</b>	<b>32,673</b>	<b>65%</b>

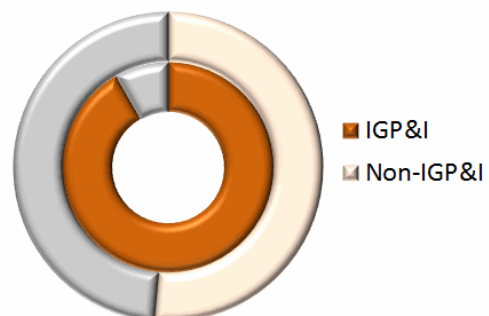
Table 123 - Gross tonnage (in 1000 t) of ships GT≥500 with and without inspections, by PSC type and P&amp;I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	91,032	89,796	98.6%	22,976	14,610	63.6%	114,008	104,406	91.6%
Refrigerated Cargo	2,532	2,513	99.3%	1,611	1,284	79.7%	4,143	3,797	91.7%
Heavy load	1,651	1,436	87.0%	155	43	28.0%	1,806	1,480	81.9%
Container	148,880	143,285	96.2%	5,263	3,868	73.5%	154,142	147,153	95.5%
Ro-Ro cargo	35,354	34,719	98.2%	2,198	1,088	49.5%	37,552	35,807	95.4%
Bulk Carrier	298,754	280,114	93.8%	19,415	10,103	52.0%	318,170	290,217	91.2%
Oil tanker	180,360	155,556	86.2%	14,606	8,115	55.6%	194,967	163,670	83.9%
Chemical tanker	39,817	37,216	93.5%	2,633	1,304	49.5%	42,451	38,520	90.7%
Combination carrier	1,943	1,923	99.0%	68	24	34.6%	2,011	1,946	96.8%
Gas carrier	45,819	39,786	86.8%	789	370	46.9%	46,609	40,157	86.2%
NLS Tanker	47,591	47,584	100.0%	685	666	97.3%	48,276	48,250	99.9%
High speed passenger craft	150	150	100.0%	51	51	100.0%	201	201	100.0%
Passenger Ship	17,079	16,879	98.8%	944	212	22.4%	18,023	17,090	94.8%
RoRo passenger ship	11,009	7,902	71.8%	4,659	1,054	22.6%	15,668	8,956	57.2%
Offshore supply	6,164	2,183	35.4%	2,985	593	19.9%	9,148	2,776	30.3%
Special purpose ship	1,424	1,046	73.5%	884	159	18.0%	2,308	1,205	52.2%
Tug	386	143	37.0%	490	70	14.2%	876	212	24.2%
Other special activities	19,630	9,576	48.8%	6,651	1,386	20.8%	26,281	10,962	41.7%
Other	2,832	2,343	82.7%	1,217	423	34.8%	4,050	2,766	68.3%
<b>Total</b>	<b>952,407</b>	<b>874,149</b>	<b>92%</b>	<b>88,281</b>	<b>45,423</b>	<b>51%</b>	<b>1,040,688</b>	<b>919,573</b>	<b>88%</b>

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



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



GT

## MEDIUM SHIPS

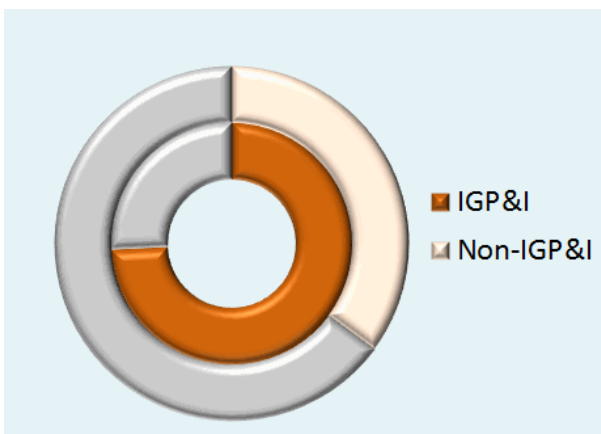
Table 124 - Total number of medium ships with and without inspections, by PSC type and P&amp;I status

PSC Ship Type	IGP&I		Non IGP&I			All Status			
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	4,120	3,888	94.4%	7,765	4,013	51.7%	11,885	7,901	66.5%
Refrigerated Cargo	311	305	98.1%	448	279	62.3%	759	584	76.9%
Heavy load	49	45	91.8%	11	4	36.4%	60	49	81.7%
Container	1,592	1,477	92.8%	520	290	55.8%	2,112	1,767	83.7%
Ro-Ro cargo	283	254	89.8%	303	105	34.7%	586	359	61.3%
Bulk Carrier	1,849	1,740	94.1%	679	431	63.5%	2,528	2,171	85.9%
Oil tanker	1,393	611	43.9%	2,103	303	14.4%	3,496	914	26.1%
Chemical tanker	2,323	2,077	89.4%	707	237	33.5%	3,030	2,314	76.4%
Combination carrier	15	14	93.3%	26	9	34.6%	41	23	56.1%
Gas carrier	660	534	80.9%	328	73	22.3%	988	607	61.4%
NLS Tanker	170	169	99.4%	44	27	61.4%	214	196	91.6%
High speed passenger craft	28	28	100.0%	13	13	100.0%	41	41	100.0%
Passenger Ship	231	107	46.3%	445	32	7.2%	676	139	20.6%
RoRo passenger ship	684	141	20.6%	1,058	88	8.3%	1,742	229	13.1%
Offshore supply	2,298	708	30.8%	1,855	282	15.2%	4,153	990	23.8%
Special purpose ship	132	96	72.7%	222	30	13.5%	354	126	35.6%
Tug	334	88	26.3%	519	58	11.2%	853	146	17.1%
Other special activities	658	448	68.1%	1,546	291	18.8%	2,204	739	33.5%
Other	102	58	56.9%	320	80	25.0%	422	138	32.7%
<b>Total</b>	<b>17,232</b>	<b>12,788</b>	<b>74%</b>	<b>18,912</b>	<b>6,645</b>	<b>35%</b>	<b>36,144</b>	<b>19,433</b>	<b>54%</b>

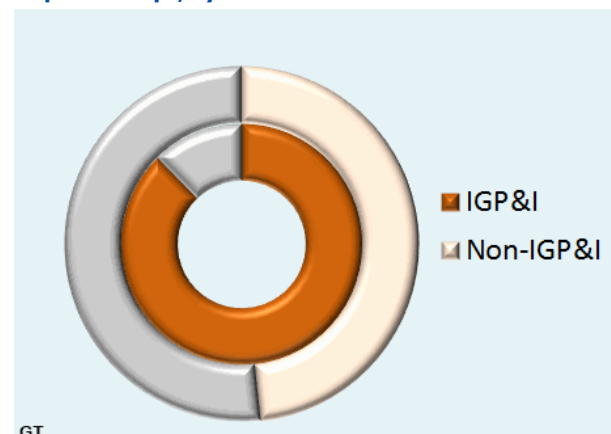
Table 125 - Gross tonnage (in 1000 t) of medium ships with and without inspections, by PSC type and P&amp;I status

PSC Ship Type	IGP&I		Non IGP&I			All Status			
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	34,507	33,431	96.9%	22,140	13,774	62.2%	56,647	47,205	83.3%
Refrigerated Cargo	2,499	2,480	99.2%	1,611	1,284	79.7%	4,110	3,764	91.6%
Heavy load	690	627	90.9%	116	43	37.2%	806	671	83.2%
Container	20,808	19,378	93.1%	3,761	2,468	65.6%	24,570	21,846	88.9%
Ro-Ro cargo	3,872	3,602	93.0%	1,917	807	42.1%	5,790	4,409	76.1%
Bulk Carrier	32,654	30,880	94.6%	8,814	5,542	62.9%	41,469	36,423	87.8%
Oil tanker	9,178	5,399	58.8%	5,082	1,046	20.6%	14,260	6,445	45.2%
Chemical tanker	21,200	19,851	93.6%	2,272	1,020	44.9%	23,472	20,871	88.9%
Combination carrier	168	148	88.0%	68	24	34.6%	236	172	72.6%
Gas carrier	4,759	4,034	84.8%	656	281	42.8%	5,415	4,315	79.7%
NLS Tanker	1,777	1,770	99.6%	185	166	90.1%	1,961	1,936	98.7%
High speed passenger craft	150	150	100.0%	51	51	100.0%	201	201	100.0%
Passenger Ship	1,110	991	89.2%	916	183	20.0%	2,026	1,174	57.9%
RoRo passenger ship	4,258	1,995	46.9%	4,240	797	18.8%	8,498	2,792	32.9%
Offshore supply	5,837	2,150	36.8%	2,772	528	19.0%	8,609	2,678	31.1%
Special purpose ship	891	664	74.6%	735	128	17.4%	1,626	792	48.7%
Tug	386	143	37.0%	490	70	14.2%	876	212	24.2%
Other special activities	3,434	2,618	76.2%	4,055	880	21.7%	7,489	3,498	46.7%
Other	784	499	63.6%	1,078	338	31.3%	1,862	836	44.9%
<b>Total</b>	<b>148,963</b>	<b>130,810</b>	<b>88%</b>	<b>60,960</b>	<b>29,431</b>	<b>48%</b>	<b>209,923</b>	<b>160,240</b>	<b>76%</b>

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



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



## LARGE SHIPS

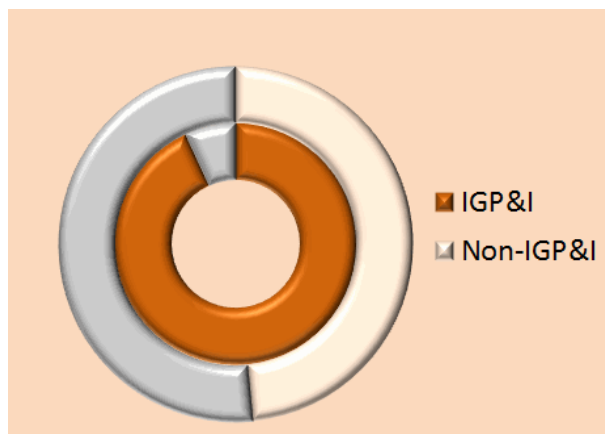
Table 126 - Total number of large ships with and without inspections, by PSC type and P&amp;I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	1,279	1,274	99.6%	25	25	100.0%	1,304	1,299	99.6%
Refrigerated Cargo	1	1	100.0%				1	1	100.0%
Heavy load	26	22	84.6%	1		0.0%	27	22	81.5%
Container	1,222	1,136	93.0%	21	18	85.7%	1,243	1,154	92.8%
Ro-Ro cargo	476	468	98.3%	6	6	100.0%	482	474	98.3%
Bulk Carrier	3,548	3,312	93.3%	294	114	38.8%	3,842	3,426	89.2%
Oil tanker	1,299	1,131	87.1%	39	22	56.4%	1,338	1,153	86.2%
Chemical tanker	632	589	93.2%	13	10	76.9%	645	599	92.9%
Combination carrier	15	15	100.0%				15	15	100.0%
Gas carrier	167	152	91.0%	3	2	66.7%	170	154	90.6%
NLS Tanker	285	285	100.0%	1	1	100.0%	286	286	100.0%
High speed passenger craft									
Passenger Ship	66	66	100.0%	1	1	100.0%	67	67	100.0%
RoRo passenger ship	188	161	85.6%	14	9	64.3%	202	170	84.2%
Offshore supply	7	1	14.3%	4		0.0%	11	1	9.1%
Special purpose ship	10	6	60.0%	4	1	25.0%	14	7	50.0%
Tug									
Other special activities	150	111	74.0%	17	5	29.4%	167	116	69.5%
Other	48	43	89.6%	5	3	60.0%	53	46	86.8%
<b>Total</b>	<b>9,419</b>	<b>8,773</b>	<b>93%</b>	<b>448</b>	<b>217</b>	<b>48%</b>	<b>9,867</b>	<b>8,990</b>	<b>91%</b>

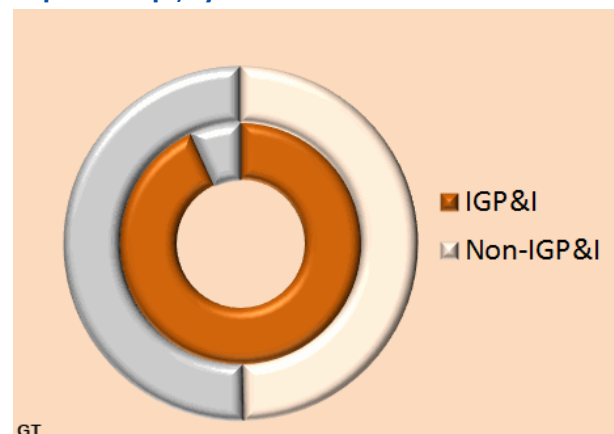
Table 127 - Gross tonnage (in 1000 t) of large ships with and without inspections, by PSC type and P&amp;I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	47,487	47,327	99.7%	836	836	100.0%	48,323	48,163	99.7%
Refrigerated Cargo	33	33	100.0%				33	33	100.0%
Heavy load	961	809	84.2%	39		0.0%	999	809	81.0%
Container	46,887	43,601	93.0%	755	654	86.6%	47,642	44,255	92.9%
Ro-Ro cargo	22,647	22,413	99.0%	281	281	100.0%	22,927	22,694	99.0%
Bulk Carrier	130,414	121,552	93.2%	9,655	3,918	40.6%	140,070	125,470	89.6%
Oil tanker	54,061	47,773	88.4%	1,561	873	55.9%	55,622	48,646	87.5%
Chemical tanker	18,556	17,304	93.3%	361	284	78.6%	18,917	17,587	93.0%
Combination carrier	451	451	100.0%				451	451	100.0%
Gas carrier	7,402	6,742	91.1%	134	90	67.0%	7,536	6,831	90.7%
NLS Tanker	10,827	10,827	100.0%	26	26	100.0%	10,853	10,853	100.0%
High speed passenger craft									
Passenger Ship	2,662	2,662	100.0%	29	29	100.0%	2,690	2,690	100.0%
RoRo passenger ship	6,473	5,628	86.9%	419	257	61.3%	6,892	5,885	85.4%
Offshore supply	224	33	14.7%	147		0.0%	371	33	8.9%
Special purpose ship	409	258	63.1%	149	31	20.6%	557	288	51.7%
Tug									
Other special activities	6,279	4,342	69.1%	698	201	28.8%	6,978	4,543	65.1%
Other	1,861	1,656	89.0%	140	85	61.2%	2,001	1,742	87.1%
<b>Total</b>	<b>357,635</b>	<b>333,410</b>	<b>93%</b>	<b>15,229</b>	<b>7,565</b>	<b>50%</b>	<b>372,865</b>	<b>340,975</b>	<b>91%</b>

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



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



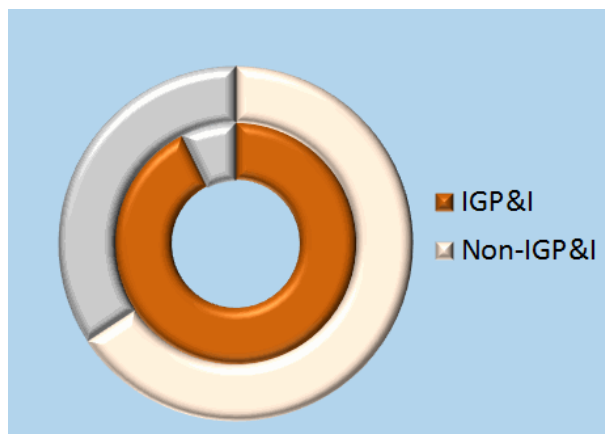
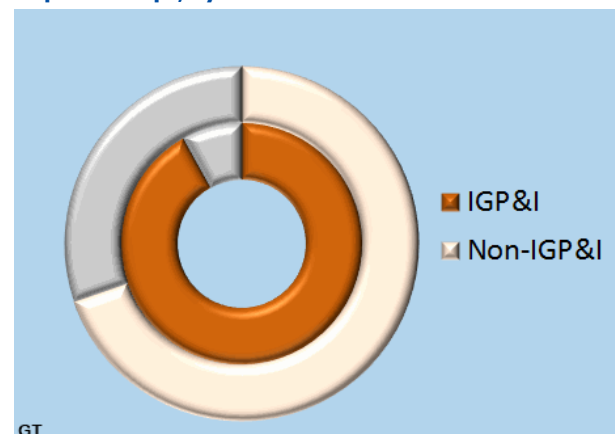
## VERY LARGE SHIPS

**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	116	116	100.0%				116	116	100.0%
Refrigerated Cargo									
Heavy load									
Container	881	872	99.0%	10	10	100.0%	891	882	99.0%
Ro-Ro cargo	136	134	98.5%				136	134	98.5%
Bulk Carrier	1,406	1,332	94.7%	11	8	72.7%	1,417	1,340	94.6%
Oil tanker	1,143	1,014	88.7%	58	44	75.9%	1,201	1,058	88.1%
Chemical tanker	1	1	100.0%				1	1	100.0%
Combination carrier	16	16	100.0%				16	16	100.0%
Gas carrier	313	270	86.3%				313	270	86.3%
NLS Tanker	258	258	100.0%	3	3	100.0%	261	261	100.0%
High speed passenger craft									
Passenger Ship	137	136	99.3%				137	136	99.3%
RoRo passenger ship	4	4	100.0%				4	4	100.0%
Offshore supply	1		0.0%	1	1	100.0%	2	1	50.0%
Special purpose ship	2	2	100.0%				2	2	100.0%
Tug									
Other special activities	92	21	22.8%	25	5	20.0%	117	26	22.2%
Other	3	3	100.0%				3	3	100.0%
<b>Total</b>	<b>4,509</b>	<b>4,179</b>	<b>93%</b>	<b>108</b>	<b>71</b>	<b>66%</b>	<b>4,617</b>	<b>4,250</b>	<b>92%</b>

**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	9,038	9,038	100.0%				9,038	9,038	100.0%
Refrigerated Cargo									
Heavy load									
Container	81,184	80,306	98.9%	747	747	100.0%	81,930	81,052	98.9%
Ro-Ro cargo	8,835	8,704	98.5%				8,835	8,704	98.5%
Bulk Carrier	135,685	127,682	94.1%	946	642	67.9%	136,631	128,324	93.9%
Oil tanker	117,122	102,384	87.4%	7,963	6,195	77.8%	125,085	108,579	86.8%
Chemical tanker	62	62	100.0%				62	62	100.0%
Combination carrier	1,323	1,323	100.0%				1,323	1,323	100.0%
Gas carrier	33,658	29,010	86.2%				33,658	29,010	86.2%
NLS Tanker	34,987	34,987	100.0%	474	474	100.0%	35,461	35,461	100.0%
High speed passenger craft									
Passenger Ship	13,307	13,226	99.4%				13,307	13,226	99.4%
RoRo passenger ship	278	278	100.0%				278	278	100.0%
Offshore supply	102		0.0%	66	66	100.0%	168	66	39.1%
Special purpose ship	124	124	100.0%				124	124	100.0%
Tug									
Other special activities	9,916	2,616	26.4%	1,897	305	16.1%	11,814	2,921	24.7%
Other	188	188	100.0%				188	188	100.0%
<b>Total</b>	<b>445,810</b>	<b>409,930</b>	<b>92%</b>	<b>12,091</b>	<b>8,428</b>	<b>70%</b>	<b>457,901</b>	<b>418,358</b>	<b>91%</b>

**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 2010 AND 2012 – BY FLAG

## WHOLE FLEET GT≥500

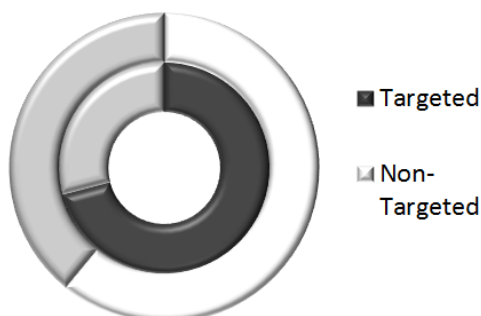
Table 130 - Total number of ships GT≥500 with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	6,450	4,631	71.8%	6,855	4,685	68.3%	13,305	9,316	70.0%
Refrigerated Cargo	255	196	76.9%	505	389	77.0%	760	585	77.0%
Heavy load	21	20	95.2%	66	51	77.3%	87	71	81.6%
Container	1,367	1,212	88.7%	2,879	2,591	90.0%	4,246	3,803	89.6%
Ro-Ro cargo	487	417	85.6%	717	550	76.7%	1,204	967	80.3%
Bulk Carrier	3,256	3,103	95.3%	4,531	3,834	84.6%	7,787	6,937	89.1%
Oil tanker	1,793	861	48.0%	4,242	2,264	53.4%	6,035	3,125	51.8%
Chemical tanker	1,216	994	81.7%	2,460	1,920	78.0%	3,676	2,914	79.3%
Combination carrier	5	5	100.0%	67	49	73.1%	72	54	75.0%
Gas carrier	428	307	71.7%	1,043	724	69.4%	1,471	1,031	70.1%
NLS Tanker	181	174	96.1%	580	569	98.1%	761	743	97.6%
High speed passenger craft	16	16	100.0%	25	25	100.0%	41	41	100.0%
Passenger Ship	234	118	50.4%	646	224	34.7%	880	342	38.9%
RoRo passenger ship	470	133	28.3%	1,478	270	18.3%	1,948	403	20.7%
Offshore supply	947	210	22.2%	3,219	782	24.3%	4,166	992	23.8%
Special purpose ship	78	35	44.9%	292	100	34.2%	370	135	36.5%
Tug	127	27	21.3%	726	119	16.4%	853	146	17.1%
Other special activities	589	283	48.0%	1,899	598	31.5%	2,488	881	35.4%
Other	165	85	51.5%	313	102	32.6%	478	187	39.1%
<b>Total</b>	<b>18,085</b>	<b>12,827</b>	<b>71%</b>	<b>32,543</b>	<b>19,846</b>	<b>61%</b>	<b>50,628</b>	<b>32,673</b>	<b>65%</b>

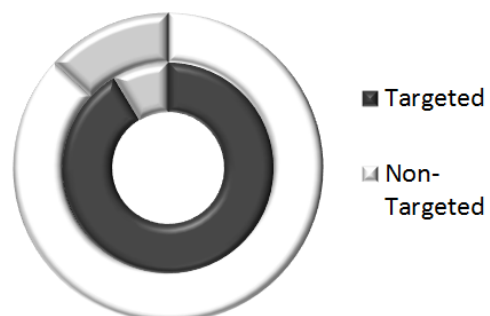
Table 131 - Gross tonnage (in 1000 t) of ships GT≥500 with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	49,376	45,331	91.8%	64,632	59,075	91.4%	114,008	104,406	91.6%
Refrigerated Cargo	1,181	1,045	88.5%	2,962	2,752	92.9%	4,143	3,797	91.7%
Heavy load	391	389	99.6%	1,415	1,091	77.1%	1,806	1,480	81.9%
Container	42,143	40,933	97.1%	111,999	106,220	94.8%	154,142	147,153	95.5%
Ro-Ro cargo	16,198	15,814	97.6%	21,355	19,993	93.6%	37,552	35,807	95.4%
Bulk Carrier	126,746	121,002	95.5%	191,424	169,215	88.4%	318,170	290,217	91.2%
Oil tanker	48,289	39,910	82.6%	146,677	123,760	84.4%	194,967	163,670	83.9%
Chemical tanker	12,809	11,734	91.6%	29,642	26,786	90.4%	42,451	38,520	90.7%
Combination carrier	215	215	100.0%	1,796	1,731	96.4%	2,011	1,946	96.8%
Gas carrier	8,861	7,049	79.6%	37,748	33,108	87.7%	46,609	40,157	86.2%
NLS Tanker	8,546	8,536	99.9%	39,730	39,715	100.0%	48,276	48,250	99.9%
High speed passenger craft	64	64	100.0%	137	137	100.0%	201	201	100.0%
Passenger Ship	7,219	6,836	94.7%	10,804	10,254	94.9%	18,023	17,090	94.8%
RoRo passenger ship	4,282	2,725	63.6%	11,386	6,231	54.7%	15,668	8,956	57.2%
Offshore supply	1,694	462	27.3%	7,454	2,315	31.1%	9,148	2,776	30.3%
Special purpose ship	486	384	79.0%	1,821	821	45.1%	2,308	1,205	52.2%
Tug	127	36	28.1%	750	177	23.6%	876	212	24.2%
Other special activities	5,960	3,395	57.0%	20,320	7,567	37.2%	26,281	10,962	41.7%
Other	1,406	1,132	80.6%	2,644	1,634	61.8%	4,050	2,766	68.3%
<b>Total</b>	<b>335,991</b>	<b>306,991</b>	<b>91%</b>	<b>704,697</b>	<b>612,581</b>	<b>87%</b>	<b>1,040,688</b>	<b>919,573</b>	<b>88%</b>

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



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



GT

## MEDIUM SHIPS

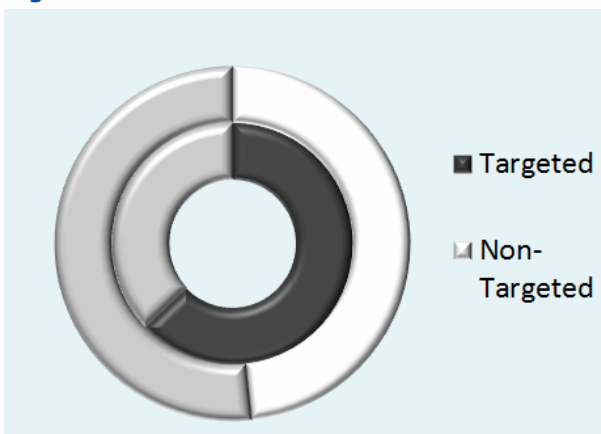
Table 132 - Total number of medium ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	5,896	4,078	69.2%	5,989	3,823	63.8%	11,885	7,901	66.5%
Refrigerated Cargo	255	196	76.9%	504	388	77.0%	759	584	76.9%
Heavy load	15	14	93.3%	45	35	77.8%	60	49	81.7%
Container	845	696	82.4%	1,267	1,071	84.5%	2,112	1,767	83.7%
Ro-Ro cargo	211	141	66.8%	375	218	58.1%	586	359	61.3%
Bulk Carrier	1,278	1,214	95.0%	1,250	957	76.6%	2,528	2,171	85.9%
Oil tanker	1,203	345	28.7%	2,293	569	24.8%	3,496	914	26.1%
Chemical tanker	1,049	840	80.1%	1,981	1,474	74.4%	3,030	2,314	76.4%
Combination carrier	2	2	100.0%	39	21	53.8%	41	23	56.1%
Gas carrier	325	221	68.0%	663	386	58.2%	988	607	61.4%
NLS Tanker	76	69	90.8%	138	127	92.0%	214	196	91.6%
High speed passenger craft	16	16	100.0%	25	25	100.0%	41	41	100.0%
Passenger Ship	153	37	24.2%	523	102	19.5%	676	139	20.6%
RoRo passenger ship	401	77	19.2%	1,341	152	11.3%	1,742	229	13.1%
Offshore supply	944	210	22.2%	3,209	780	24.3%	4,153	990	23.8%
Special purpose ship	73	30	41.1%	281	96	34.2%	354	126	35.6%
Tug	127	27	21.3%	726	119	16.4%	853	146	17.1%
Other special activities	510	229	44.9%	1,694	510	30.1%	2,204	739	33.5%
Other	143	64	44.8%	279	74	26.5%	422	138	32.7%
<b>Total</b>	<b>13,522</b>	<b>8,506</b>	<b>63%</b>	<b>22,622</b>	<b>10,927</b>	<b>48%</b>	<b>36,144</b>	<b>19,433</b>	<b>54%</b>

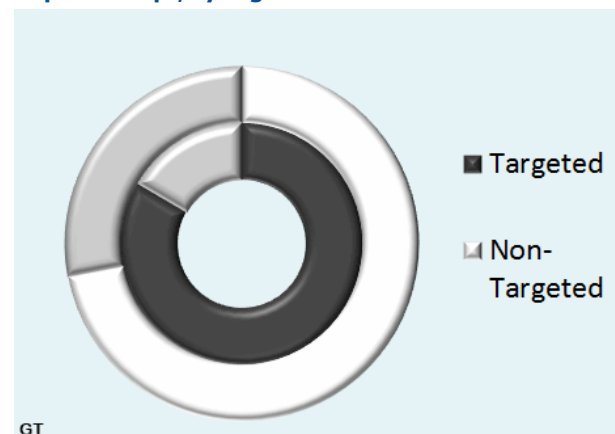
Table 133 - Gross tonnage (in 1000 t) of medium ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	26,935	22,919	85.1%	29,712	24,286	81.7%	56,647	47,205	83.3%
Refrigerated Cargo	1,181	1,045	88.5%	2,929	2,719	92.8%	4,110	3,764	91.6%
Heavy load	180	178	99.0%	627	493	78.6%	806	671	83.2%
Container	8,762	7,822	89.3%	15,808	14,024	88.7%	24,570	21,846	88.9%
Ro-Ro cargo	1,785	1,402	78.5%	4,004	3,007	75.1%	5,790	4,409	76.1%
Bulk Carrier	19,397	18,705	96.4%	22,072	17,718	80.3%	41,469	36,423	87.8%
Oil tanker	4,517	2,008	44.4%	9,743	4,437	45.5%	14,260	6,445	45.2%
Chemical tanker	7,994	7,284	91.1%	15,478	13,587	87.8%	23,472	20,871	88.9%
Combination carrier	30	30	100.0%	206	142	68.6%	236	172	72.6%
Gas carrier	1,604	1,260	78.5%	3,811	3,055	80.2%	5,415	4,315	79.7%
NLS Tanker	630	620	98.4%	1,331	1,316	98.9%	1,961	1,936	98.7%
High speed passenger craft	64	64	100.0%	137	137	100.0%	201	201	100.0%
Passenger Ship	708	325	46.0%	1,318	848	64.3%	2,026	1,174	57.9%
RoRo passenger ship	2,018	886	43.9%	6,479	1,906	29.4%	8,498	2,792	32.9%
Offshore supply	1,608	462	28.7%	7,001	2,216	31.7%	8,609	2,678	31.1%
Special purpose ship	274	172	62.7%	1,352	621	45.9%	1,626	792	48.7%
Tug	127	36	28.1%	750	177	23.6%	876	212	24.2%
Other special activities	1,615	1,087	67.3%	5,875	2,411	41.0%	7,489	3,498	46.7%
Other	605	391	64.6%	1,257	446	35.4%	1,862	836	44.9%
<b>Total</b>	<b>80,032</b>	<b>66,695</b>	<b>83%</b>	<b>129,891</b>	<b>93,546</b>	<b>72%</b>	<b>209,923</b>	<b>160,240</b>	<b>76%</b>

Graph 124 - Proportion of medium inspected ships, by flag



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



GT



LARGE SHIPS

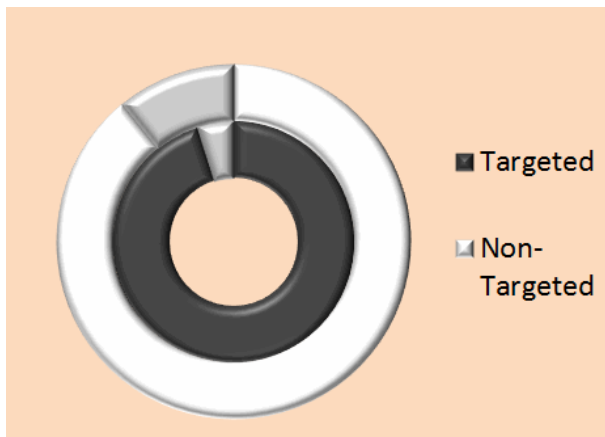
Table 134 - Total number of large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	514	513	99.8%	790	786	99.5%	1,304	1,299	99.6%
Refrigerated Cargo				1	1	100.0%	1	1	100.0%
Heavy load	6	6	100.0%	21	16	76.2%	27	22	81.5%
Container	277	272	98.2%	966	882	91.3%	1,243	1,154	92.8%
Ro-Ro cargo	219	219	100.0%	263	255	97.0%	482	474	98.3%
Bulk Carrier	1,380	1,320	95.7%	2,462	2,106	85.5%	3,842	3,426	89.2%
Oil tanker	331	290	87.6%	1,007	863	85.7%	1,338	1,153	86.2%
Chemical tanker	167	154	92.2%	478	445	93.1%	645	599	92.9%
Combination carrier	1	1	100.0%	14	14	100.0%	15	15	100.0%
Gas carrier	58	52	89.7%	112	102	91.1%	170	154	90.6%
NLS Tanker	69	69	100.0%	217	217	100.0%	286	286	100.0%
High speed passenger craft									
Passenger Ship	25	25	100.0%	42	42	100.0%	67	67	100.0%
RoRo passenger ship	69	56	81.2%	133	114	85.7%	202	170	84.2%
Offshore supply	3		0.0%	8	1	12.5%	11	1	9.1%
Special purpose ship	5	5	100.0%	9	2	22.2%	14	7	50.0%
Tug									
Other special activities	61	48	78.7%	106	68	64.2%	167	116	69.5%
Other	22	21	95.5%	31	25	80.6%	53	46	86.8%
<b>Total</b>	<b>3,207</b>	<b>3,051</b>	<b>95%</b>	<b>6,660</b>	<b>5,939</b>	<b>89%</b>	<b>9,867</b>	<b>8,990</b>	<b>91%</b>

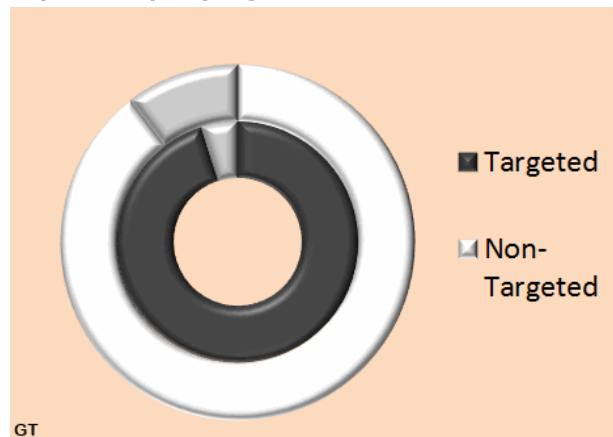
Table 135 - Gross tonnage (in 1000 t) of large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	19,411	19,382	99.8%	28,912	28,781	99.5%	48,323	48,163	99.7%
Refrigerated Cargo				33	33	100.0%	33	33	100.0%
Heavy load	211	211	100.0%	788	598	75.9%	999	809	81.0%
Container	10,419	10,245	98.3%	37,223	34,009	91.4%	47,642	44,255	92.9%
Ro-Ro cargo	10,734	10,734	100.0%	12,194	11,960	98.1%	22,927	22,694	99.0%
Bulk Carrier	51,007	48,661	95.4%	89,063	76,809	86.2%	140,070	125,470	89.6%
Oil tanker	13,191	11,606	88.0%	42,431	37,040	87.3%	55,622	48,646	87.5%
Chemical tanker	4,815	4,450	92.4%	14,102	13,138	93.2%	18,917	17,587	93.0%
Combination carrier	30	30	100.0%	421	421	100.0%	451	451	100.0%
Gas carrier	2,604	2,325	89.3%	4,932	4,506	91.4%	7,536	6,831	90.7%
NLS Tanker	2,560	2,560	100.0%	8,293	8,293	100.0%	10,853	10,853	100.0%
High speed passenger craft									
Passenger Ship	1,082	1,082	100.0%	1,609	1,609	100.0%	2,690	2,690	100.0%
RoRo passenger ship	2,264	1,839	81.2%	4,629	4,046	87.4%	6,892	5,885	85.4%
Offshore supply	86		0.0%	286	33	11.5%	371	33	8.9%
Special purpose ship	212	212	100.0%	345	76	22.1%	557	288	51.7%
Tug									
Other special activities	2,526	1,873	74.1%	4,452	2,670	60.0%	6,978	4,543	65.1%
Other	801	742	92.6%	1,199	1,000	83.4%	2,001	1,742	87.1%
<b>Total</b>	<b>121,951</b>	<b>115,951</b>	<b>95%</b>	<b>250,913</b>	<b>225,024</b>	<b>90%</b>	<b>372,865</b>	<b>340,975</b>	<b>91%</b>

Graph 126 - Proportion of large inspected ships, by flag



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



VERY LARGE SHIPS

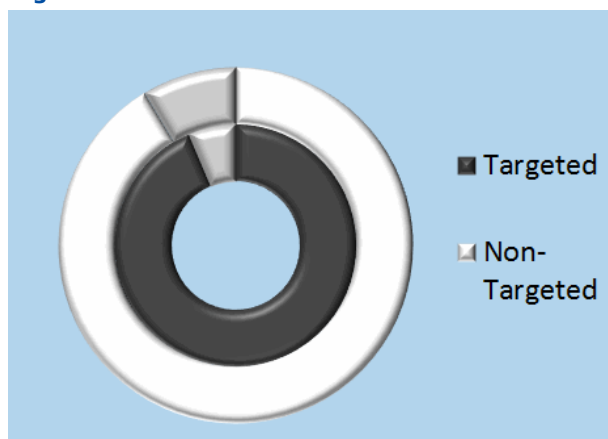
**Table 136 - Total number of very large ships with and without inspections, by PSC type and flag**

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	40	40	100.0%	76	76	100.0%	116	116	100.0%
Refrigerated Cargo									
Heavy load									
Container	245	244	99.6%	646	638	98.8%	891	882	99.0%
Ro-Ro cargo	57	57	100.0%	79	77	97.5%	136	134	98.5%
Bulk Carrier	598	569	95.2%	819	771	94.1%	1,417	1,340	94.6%
Oil tanker	259	226	87.3%	942	832	88.3%	1,201	1,058	88.1%
Chemical tanker				1	1	100.0%	1	1	100.0%
Combination carrier	2	2	100.0%	14	14	100.0%	16	16	100.0%
Gas carrier	45	34	75.6%	268	236	88.1%	313	270	86.3%
NLS Tanker	36	36	100.0%	225	225	100.0%	261	261	100.0%
High speed passenger craft									
Passenger Ship	56	56	100.0%	81	80	98.8%	137	136	99.3%
RoRo passenger ship				4	4	100.0%	4	4	100.0%
Offshore supply				2	1	50.0%	2	1	50.0%
Special purpose ship				2	2	100.0%	2	2	100.0%
Tug									
Other special activities	18	6	33.3%	99	20	20.2%	117	26	22.2%
Other				3	3	100.0%	3	3	100.0%
<b>Total</b>	<b>1,356</b>	<b>1,270</b>	<b>94%</b>	<b>3,261</b>	<b>2,980</b>	<b>91%</b>	<b>4,617</b>	<b>4,250</b>	<b>92%</b>

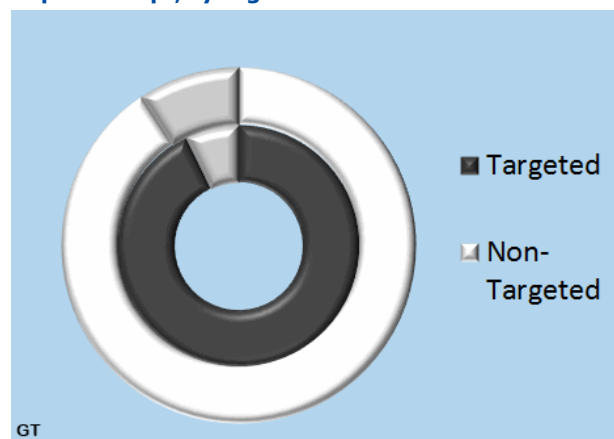
**Table 137 - Gross tonnage (in 1000 t) of very large ships with and without inspections, by PSC type and flag**

PSC Ship Type	Targeted Flags			Non Targeted Flags			All Flags		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	3,030	3,030	100.0%	6,008	6,008	100.0%	9,038	9,038	100.0%
Refrigerated Cargo									
Heavy load									
Container	22,962	22,865	99.6%	58,968	58,187	98.7%	81,930	81,052	98.9%
Ro-Ro cargo	3,679	3,679	100.0%	5,156	5,026	97.5%	8,835	8,704	98.5%
Bulk Carrier	56,343	53,636	95.2%	80,288	74,688	93.0%	136,631	128,324	93.9%
Oil tanker	30,582	26,297	86.0%	94,503	82,282	87.1%	125,085	108,579	86.8%
Chemical tanker				62	62	100.0%	62	62	100.0%
Combination carrier	155	155	100.0%	1,169	1,169	100.0%	1,323	1,323	100.0%
Gas carrier	4,653	3,464	74.5%	29,005	25,546	88.1%	33,658	29,010	86.2%
NLS Tanker	5,355	5,355	100.0%	30,106	30,106	100.0%	35,461	35,461	100.0%
High speed passenger craft									
Passenger Ship	5,429	5,429	100.0%	7,877	7,797	99.0%	13,307	13,226	99.4%
RoRo passenger ship				278	278	100.0%	278	278	100.0%
Offshore supply				168	66	39.1%	168	66	39.1%
Special purpose ship				124	124	100.0%	124	124	100.0%
Tug									
Other special activities	1,820	436	23.9%	9,994	2,486	24.9%	11,814	2,921	24.7%
Other				188	188	100.0%	188	188	100.0%
<b>Total</b>	<b>134,008</b>	<b>124,346</b>	<b>93%</b>	<b>323,893</b>	<b>294,012</b>	<b>91%</b>	<b>457,901</b>	<b>418,358</b>	<b>91%</b>

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



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



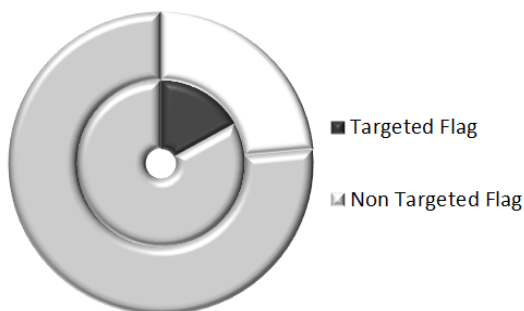
5.5. PSC RECORDS OF RECOGNISED ORGANISATIONS

WHOLE FLEET GT≥500

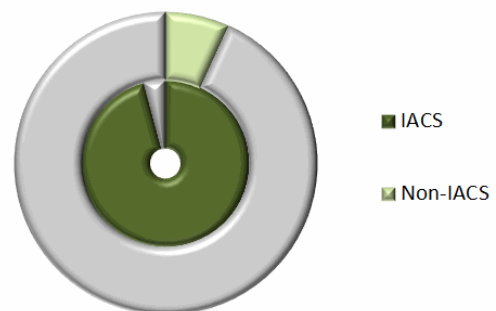
Table 138 - Total number of inspections with statutory certificates for ships GT≥500, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	33,802	5,071	5,139	30,898	4,245
Refrigerated Cargo	1,417	203	382	1,385	63
Heavy load	209	66	85	208	4
Container	8,245	1,350	2,427	8,199	115
Ro-Ro cargo	2,495	451	689	2,453	117
Bulk Carrier	18,539	5,173	5,958	18,297	783
Oil tanker	5,728	884	2,111	5,633	208
Chemical tanker	6,673	1,053	1,950	6,628	143
Combination carrier	148	2	33	142	8
Gas carrier	1,615	226	486	1,607	35
NLS Tanker	5,585	52	133	5,574	21
High speed passenger craft	148	25	35	143	6
Passenger Ship	1,730	126	321	1,703	44
RoRo passenger ship	1,551	229	512	1,519	52
Offshore supply	1,328	166	501	1,307	81
Special purpose ship	249	37	90	230	18
Tug	155	24	91	148	10
Other special activities	1,839	277	426	1,635	286
Other	958	283	372	884	81
<b>Total</b>	<b>92,414</b>	<b>15,698</b>	<b>21,741</b>	<b>88,593</b>	<b>6,320</b>

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

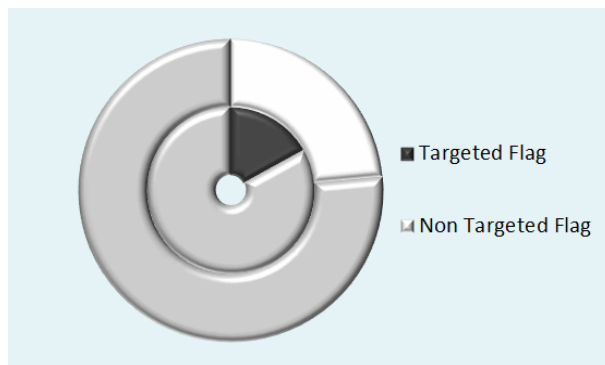


## MEDIUM SHIPS

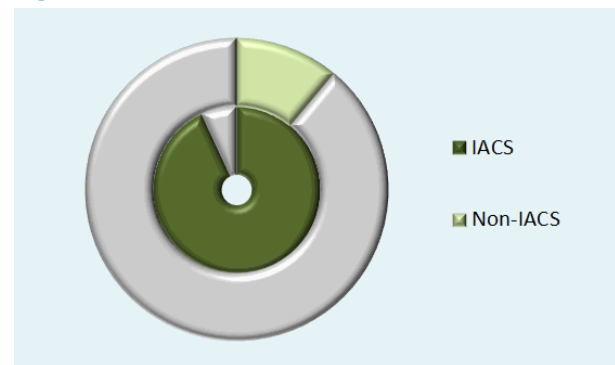
Table 139 - Total number of inspections with statutory certificates for medium ships, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	26,030	5,008	4,884	23,152	4,215
Refrigerated Cargo	1,412	203	381	1,380	63
Heavy load	169	60	72	168	4
Container	3,296	692	818	3,277	70
Ro-Ro cargo	1,080	176	304	1,039	99
Bulk Carrier	6,241	1,567	1,667	6,079	498
Oil tanker	1,520	282	454	1,435	147
Chemical tanker	5,215	870	1,431	5,172	130
Combination carrier	73		16	69	4
Gas carrier	1,109	178	296	1,101	32
NLS Tanker	1,779	37	86	1,769	17
High speed passenger craft	148	25	35	143	6
Passenger Ship	509	40	121	487	41
RoRo passenger ship	766	122	232	734	49
Offshore supply	1,326	166	500	1,305	81
Special purpose ship	238	35	89	219	17
Tug	155	24	91	148	10
Other special activities	1,467	158	347	1,263	285
Other	256	84	102	186	77
<b>Total</b>	<b>52,789</b>	<b>9,727</b>	<b>11,926</b>	<b>49,126</b>	<b>5,845</b>

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



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

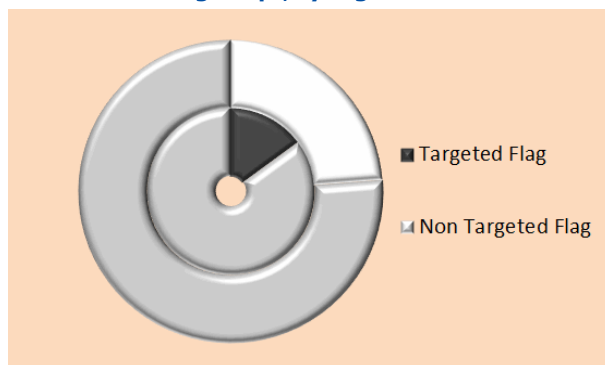


## LARGE SHIPS

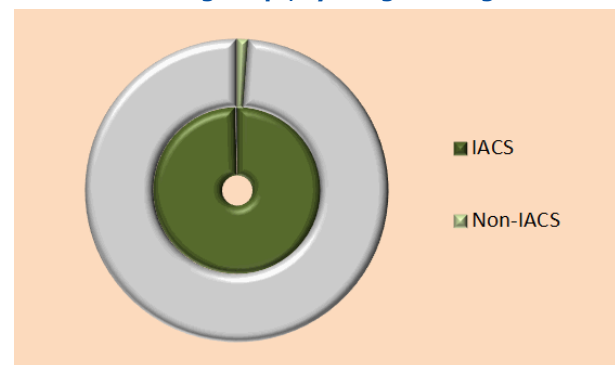
Table 140 - Total number of inspections with statutory certificates for large ships, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	6,769	62	252	6,745	29
Refrigerated Cargo	5		1	5	
Heavy load	38	6	13	38	
Container	3,045	441	1,099	3,025	36
Ro-Ro cargo	1,120	230	283	1,119	16
Bulk Carrier	9,202	2,593	3,096	9,151	199
Oil tanker	2,415	332	904	2,410	35
Chemical tanker	1,457	183	519	1,455	13
Combination carrier	43	2	6	42	3
Gas carrier	195	42	71	195	2
NLS Tanker	2,583	13	29	2,582	4
High speed passenger craft					
Passenger Ship	433	45	88	428	2
RoRo passenger ship	764	107	269	764	3
Offshore supply	2		1	2	
Special purpose ship	10	2	1	10	1
Tug					
Other special activities	329	112	77	329	1
Other	504	153	164	501	3
<b>Total</b>	<b>28,914</b>	<b>4,323</b>	<b>6,873</b>	<b>28,801</b>	<b>347</b>

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

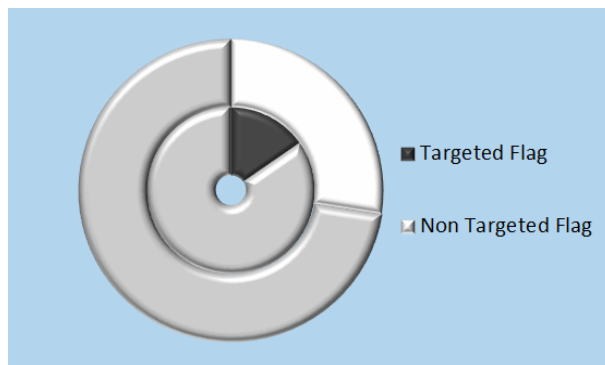


## VERY LARGE SHIPS

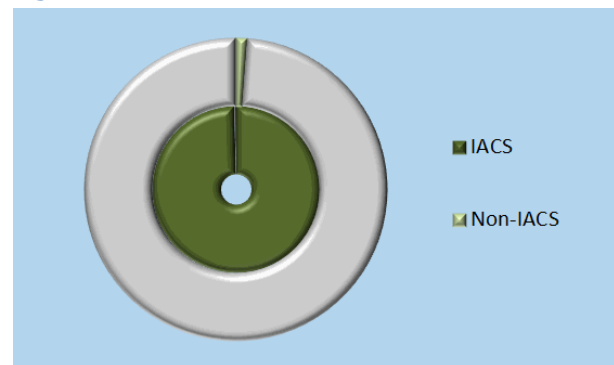
Table 141 - Total number of inspections with statutory certificates for very large ships, by type of issuer

PSC Ship Type	Inspections	Flags		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	1,003	1	3	1,001	1
Refrigerated Cargo					
Heavy load	2			2	
Container	1,904	217	510	1,897	9
Ro-Ro cargo	295	45	102	295	2
Bulk Carrier	3,096	1,013	1,195	3,067	86
Oil tanker	1,793	270	753	1,788	26
Chemical tanker	1			1	
Combination carrier	32		11	31	1
Gas carrier	311	6	119	311	1
NLS Tanker	1,223	2	18	1,223	
High speed passenger craft					
Passenger Ship	788	41	112	788	1
RoRo passenger ship	21		11	21	
Offshore supply					
Special purpose ship	1			1	
Tug					
Other special activities	43	7	2	43	
Other	198	46	106	197	1
<b>Total</b>	<b>10,711</b>	<b>1,648</b>	<b>2,942</b>	<b>10,666</b>	<b>128</b>

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	39,664	2,943	4,434	30,363	1,924
Load Lines	66,127	140	1,369	60,773	3,845
SOLAS/STCW	36,982	15,452	21,114	320	96
SOLAS - ISM	62,764	1,865	6,041	53,443	4,732
SOLAS - ISPS	53,724	5,857	6,108	38,279	3,480
SOLAS - IMDG	12,542	35	668	11,739	100
SOLAS - GC	190		7	180	3
SOLAS - IGC	937	1	21	910	5
SOLAS - HSC	127	1	13	112	1
SOLAS - MODU	27	1	1	25	
SOLAS - SPS	147	7	42	96	2
SOLAS - PSCC	1,976	131	530	1,270	45
SOLAS - CSS	62,769	962	3,277	56,885	3,573
SOLAS - CSR	5,142	2,007	3,059	64	12
SOLAS - INF	101		2	97	2
AFS	42,342	129	898	39,761	1,554
Ballast WM	67			67	
CLC	3,444	1,181	2,162	67	34
BUNKER	11,634	4,657	6,742	149	86
MARPOL - IAPP	55,183	184	1,255	51,273	2,471
MARPOL - IOPP	64,839	245	1,933	58,866	3,795
MARPOL - ISPP	46,700	234	1,470	42,950	2,046
MARPOL - EIAPP	1,153	7	20	1,103	23
MARPOL - IBC	4,401	7	54	4,314	26
MARPOL - NLS	794	2	31	751	10
MARPOL - BCH	908	6	13	877	12
Other	1,493	134	320	910	129
<b>Overall</b>	<b>68,276</b>	<b>15,878</b>	<b>22,233</b>	<b>63,666</b>	<b>6,131</b>

## 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 regions in 2012.

### 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 91% in tonnage.

Tables 143 to 148 suggest that ships in the medium, large and very large size categories that are covered by one of the trade associations and industry vetting programs are inspected more frequently in the five regimes providing data to Equasis than those ships not covered. For example, ships in the large ship size category, that fall into the targeted ship types who are members of Intertanko (see Annex V), were each inspected on average 1.64 times (2088 inspections of 1272 ships), compared with 1.22 times (1435 inspections of 1173 ships) for the ships who are not Intertanko members.

However, 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 Intertanko ships in the large ship size category was 1.0% compared with 1.5% 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, CDI and OCIMF.

Table 149 shows that just over a half (51.5%) of the companies included in the data collected by Equasis operate just one ship. Over 84% operate five or fewer, although these companies account for 30.5% 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. For ships in companies with more than 100 ships the detention rate is below 2.5% while one-ship and two-ship companies had rates of 7.26% and 5.61% respectively.

## 6.1. SCHEME STATUS

Table 143 - Total number of ships, by size and vetting programmes and trade associations

Scheme	Medium <sup>(1)</sup>		Large <sup>(2)</sup>		Very Large <sup>(3)</sup>		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
<b>Intertanko</b>	1,028	6,271	1,272	1,173	821	946	3,121	8,390
% of Total	32.9%	74.7%	40.8%	14.0%	26.3%	11.3%		
<b>Intercargo</b>	250	14,837	565	4,229	276	1,193	1,091	20,259
% of Total	22.9%	73.2%	51.8%	20.9%	25.3%	5.9%		
<b>InterManager</b>	39	21,329	64	6,988	27	2,876	130	31,193
% of Total	30.0%	68.4%	49.2%	22.4%	20.8%	9.2%		
<b>Green Award</b>	9	10,738	52	7,005	170	3,053	231	20,796
% of Total	3.9%	51.6%	22.5%	33.7%	73.6%	14.7%		
<b>CDI</b>	1,175	2,151	179	674	0	0	1,354	2,825
% of Total	86.8%	76.1%	13.2%	23.9%	0.0%	0.0%		
<b>OCIMF</b>	3,724	3,575	2,246	199	1,696	71	7,666	3,845
% of Total	48.6%	93.0%	29.3%	5.2%	22.1%	1.8%		

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

Table 144 - Gross tonnage (in 1000 t) of ships, by size and vetting programmes and trade associations

Scheme	Medium <sup>(1)</sup>		Large <sup>(2)</sup>		Very Large <sup>(3)</sup>		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
<b>Intertanko</b>	12,379	31,967	48,158	44,766	86,335	106,713	146,872	183,446
% of Total	8.4%	17.4%	32.8%	24.4%	58.8%	58.2%		
<b>Intercargo</b>	4,883	95,442	20,239	153,200	26,751	114,489	51,873	363,131
% of Total	9.4%	26.3%	39.0%	42.2%	51.6%	31.5%		
<b>InterManager</b>	575	138,370	2,233	255,907	2,328	296,096	5,136	690,373
% of Total	11.2%	20.0%	43.5%	37.1%	45.3%	42.9%		
<b>Green Award</b>	211	94,508	2,529	258,008	17,178	316,161	19,918	668,677
% of Total	1.1%	14.1%	12.7%	38.6%	86.2%	47.3%		
<b>CDI</b>	10,822	15,929	5,109	19,846	0	0	15,931	35,775
% of Total	67.9%	44.5%	32.1%	55.5%	0.0%	0.0%		
<b>OCIMF</b>	30,927	13,419	85,687	7,237	184,801	8,247	301,415	28,903
% of Total	10.3%	46.4%	28.4%	25.0%	61.3%	28.5%		

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

## 6.2. SAFETY PERFORMANCE

## WHOLE FLEET GT≥500

Table 145 - Safety performance of ships, by inspections and detentions rates<sup>(\*)</sup>

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
<b>Intertanko</b>	0.9%	1.0%	0.9%	52	46	98	6,030	4,588	10,618
in % of total				53.1%	46.9%		56.8%	43.2%	
<b>Intercargo</b>	2.2%	2.3%	2.3%	84	516	600	3,862	22,362	26,224
in % of total				14.0%	86.0%		14.7%	85.3%	
<b>Intermanager</b>	0.6%	1.9%	1.9%	2	694	696	348	35,680	36,028
in % of total				0.3%	100%		1.0%	99.0%	
<b>Green Award</b>	0.4%	1.9%	1.9%	2	682	684	556	35,068	35,624
in % of total				0.3%	100%		1.6%	98.4%	
<b>CDI</b>	0.5%	0.8%	0.7%	14	24	38	2,556	2,996	5,552
in % of total				36.8%	63.2%		46.0%	54.0%	
<b>OCIMF</b>	0.8%	6.1%	0.9%	80	18	98	10,324	294	10,618
in % of total				81.6%	18.4%		97.2%	2.8%	

Source: Equasis - <sup>(\*)</sup>Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

## MEDIUM SHIPS

Table 146 - Safety performance of medium<sup>(1)</sup> ships, by inspections and detentions rates<sup>(\*)</sup>

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
<b>Intertanko</b>	0.9%	1.0%	0.9%	26	23	49	3,015	2,294	5,309
in % of total				53.1%	46.9%		56.8%	43.2%	
<b>Intercargo</b>	2.2%	2.3%	2.3%	42	258	300	1,931	11,181	13,112
in % of total				14.0%	86.0%		14.7%	85.3%	
<b>Intermanager</b>	0.6%	1.9%	1.9%	1	347	348	174	17,840	18,014
in % of total				0.3%	100%		1.0%	99.0%	
<b>Green Award</b>	0.4%	1.9%	1.9%	1	341	342	278	17,534	17,812
in % of total				0.3%	100%		1.6%	98.4%	
<b>CDI</b>	0.3%	0.6%	0.5%	7	12	19	2,182	1,939	4,121
in % of total				36.8%	63.2%		52.9%	47.1%	
<b>OCIMF</b>	0.8%	6.1%	0.9%	40	9	49	5,162	147	5,309
in % of total				81.6%	18.4%		97.2%	2.8%	

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

## LARGE SHIPS

Table 147 - Safety performance of large<sup>(1)</sup> ships, by inspections and detentions rates<sup>(\*)</sup>

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
<b>Intertanko</b>	1.0%	1.5%	1.2%	21	21	42	2,088	1,435	3,523
in % of total				50.0%	50.0%		59.3%	40.7%	
<b>Intercargo</b>	2.3%	2.4%	2.4%	33	218	251	1,465	9,184	10,649
in % of total				13.1%	86.9%		13.8%	86.2%	
<b>Intermanager</b>	0.0%	2.1%	2.1%	0	292	292	130	13,871	14,001
in % of total				0.0%	100%		0.9%	99.1%	
<b>Green Award</b>	0.0%	2.1%	2.1%	0	286	286	91	13,497	13,588
in % of total				0.0%	100%		0.7%	99.3%	
<b>CDI</b>	1.9%	1.1%	1.3%	7	12	19	374	1,057	1,431
in % of total				36.8%	63.2%		26.1%	73.9%	
<b>OCIMF</b>	1.0%	7.5%	1.2%	33	9	42	3,403	120	3,523
in % of total				78.6%	21.4%		96.6%	3.4%	

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

## VERY LARGE SHIPS

Table 148 - Safety performance of very large<sup>(1)</sup> ships, by inspections and detentions rates<sup>(\*)</sup>

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
<b>Intertanko</b>	0.5%	0.2%	0.4%	5	2	7	927	859	1,786
in % of total				71.4%	28.6%		51.9%	48.1%	
<b>Intercargo</b>	1.9%	2.0%	2.0%	9	40	49	466	1,997	2,463
in % of total				18.4%	81.6%		18.9%	81.1%	
<b>Intermanager</b>	2.3%	1.4%	1.4%	1	55	56	44	3,969	4,013
in % of total				1.8%	98%		1.1%	98.9%	
<b>Green Award</b>	0.5%	1.4%	1.3%	1	55	56	187	4,037	4,224
in % of total				1.8%	98%		4.4%	95.6%	
<b>CDI</b>	0.0%					0			0
in % of total									
<b>OCIMF</b>	0.4%	0.0%	0.4%	7	0	7	1,759	27	1,786
in % of total				100.0%	0.0%		98.5%	1.5%	

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

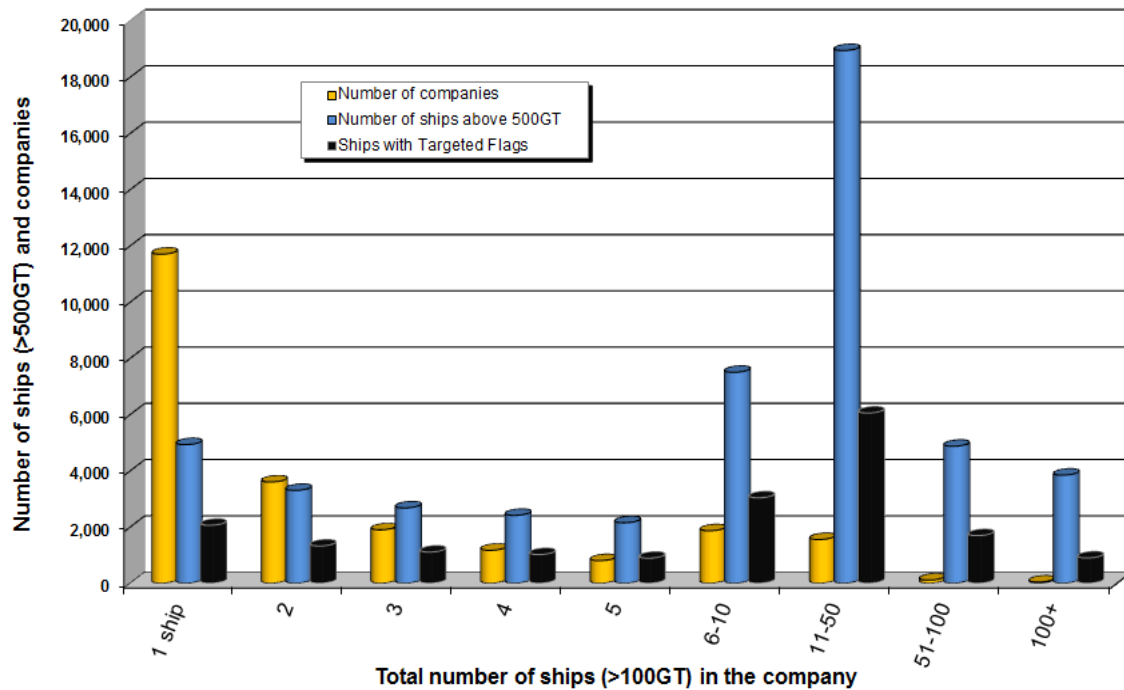
## 6.3. COMPANY PERFORMANCE

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 <sup>(1)</sup>		Number of ships under targeted flag <sup>(1)</sup>		Total share of ships under targeted flag <sup>(2)</sup>
1 ship	11,703	51.5%	4,929	9.7%	2,060	11.4%	41.8%
2	3,600	15.8%	3,301	6.5%	1,325	7.3%	40.1%
3	1,897	8.3%	2,678	5.3%	1,106	6.1%	41.3%
4	1,171	5.1%	2,412	4.8%	1,019	5.6%	42.2%
5	802	3.5%	2,150	4.2%	891	4.9%	41.4%
6-10	1,866	8.2%	7,501	14.8%	3,038	16.8%	40.5%
11-50	1,554	6.8%	18,945	37.4%	6,054	33.5%	32.0%
51-100	112	0.5%	4,869	9.6%	1,694	9.4%	34.8%
100+	40	0.2%	3,843	7.6%	898	5.0%	23.4%
<b>Total</b>	<b>22,745</b>	<b>100%</b>	<b>50,628</b>	<b>100%</b>	<b>18,085</b>	<b>100%</b>	<b>35.7%</b>

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

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

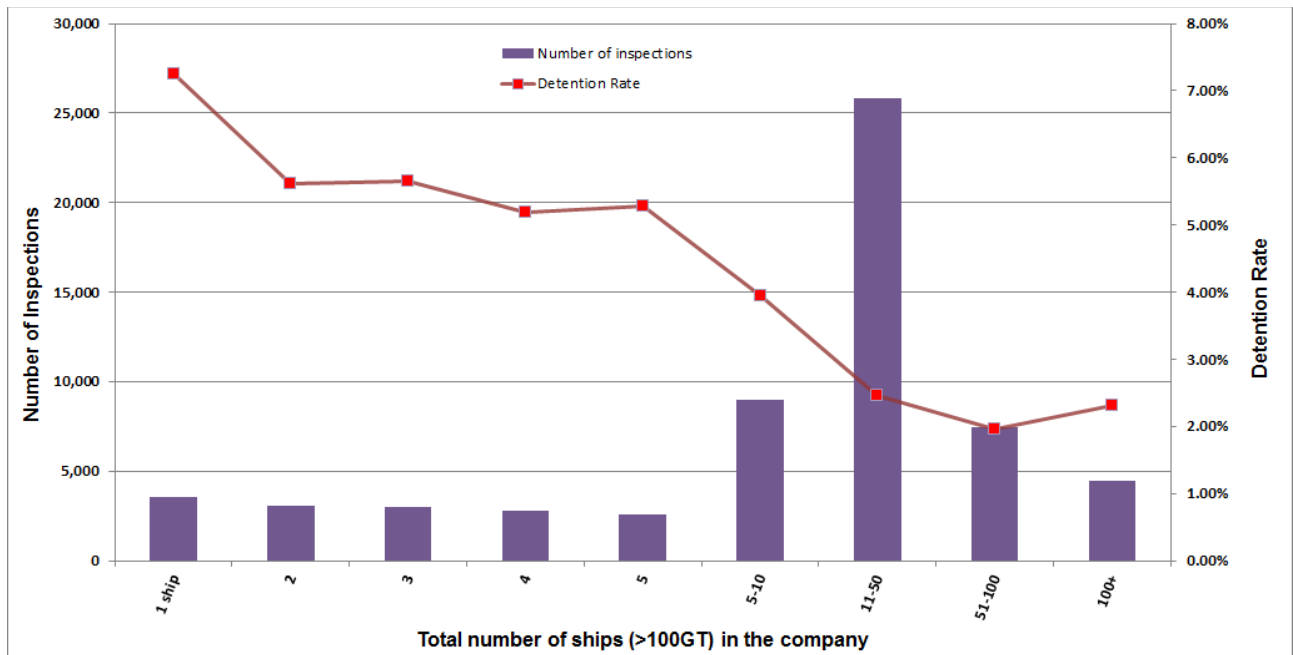


**Table 150 - Total number of inspections and detention rates<sup>(\*)</sup>, by company fleet size**

Company fleet size (by number of ships GT≥100)	Number of inspections		Number of detentions		% of ships detained <sup>(1)</sup>
1 ship	3,569	5.8%	259	12.2%	7.26%
2	3,066	5.0%	172	8.1%	5.61%
3	2,989	4.8%	169	8.0%	5.65%
4	2,779	4.5%	144	6.8%	5.18%
5	2,577	4.2%	136	6.4%	5.28%
5-10	8,998	14.6%	355	16.8%	3.95%
11-50	25,790	41.8%	632	29.9%	2.45%
51-100	7,465	12.1%	146	6.9%	1.96%
100+	4,461	7.2%	103	4.9%	2.31%
<b>Total</b>	<b>61,694</b>	<b>100%</b>	<b>2,116</b>	<b>100%</b>	<b>3.43%</b>

Source: Equasis - <sup>(1)</sup>Within the same company fleet size category - <sup>(\*)</sup> Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG 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 13<sup>th</sup> 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 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

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  
Oil-Sludge 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  
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 2012

The list of targeted flag is based on the 2012 annual reports of the Paris MoU, the Tokyo MoU and the US Coast Guards, published in 2013.

### A

Albania  
Antigua and Barbuda

### B

Bangladesh  
Belize  
Bolivia

### C

Cambodia  
Comoros  
Cyprus

### D

Dominica

### E

Egypt

### G

Georgia

### H

Honduras

### I

Indonesia  
Italy

### K

Kiribati  
Korea Democratic Republic

### L

Lebanon  
Libya  
Lithuania

### M

Malta  
Mexico  
Moldovia  
Mongolia

### N

New Zealand

### P

Panama  
Papua New Guinea  
Peru

### S

Sierra leone  
St Vincent and Grenadines  
St.Kitts and Nevis

### T

Tanzania  
Thailand  
Togo  
Tonga  
Tuvalu

### V

Vietnam



## 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  
Bulk Dry Storage Ship  
Cement Carrier  
Deck Cargo Ship  
General Cargo Ship  
Landing Craft  
Latex Tanker  
Limestone Carrier  
Nuclear Fuel Carrier  
Palletised Cargo Ship  
Passenger/Landing Craft  
Refined Sugar Carrier  
Trenching Support Vessel

### Refrigerated Cargo

Fish Carrier  
Fish Factory Ship  
Fruit Juice Tanker  
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  
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  
LNG Tanker  
LPG Tanker

### NLS Tanker

Molasses 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  
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

### 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 - 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/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 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)