The world merchant fleet in 2008

Statistics from Equasis

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Chapter 1

1. Themes and Tables

INTRODUCTION

This report provides a picture of the world's merchant fleet derived from data contained in the Equasis database. It looks at the make up of the fleet and its performance. The statistics are grouped into themes which could be of interest to the industry and regulators.

The themes are as follows:

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

1.1. OVERVIEW

Equasis is populated with most of the world's merchant ships. Basic ship particulars are derived from the commercial database of Lloyds Register-Fairplay¹. From a commercial and regulatory point of view, size and type are two key criteria and throughout this therefore report the statistical analysis is based on these two elements.

1.2. SIZE

By size ships are grouped into four categories:

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

The small ships category reflects the main tonnage threshold for cargo ships to comply with the SOLAS convention. This category also includes many ships which do not trade internationally and therefore are not covered by the conventions or the Port State regimes. Many 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 conventions, the Port State Control regimes and the other organisations. Small ships are included in Chapter 1 and Chapter 2.1 to 2.3, to cover the whole fleet population, and in the multiple inspection figures in Chapter 5.1.

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

1.3. TYPE

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

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

¹ LRF have since changed name to IHS Fairplay

- Service Ships
- Tugs

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

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

A table showing this aggregation is at Annex I.

1.4. FLAG

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

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

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

Chapter 2

2. The World Fleet Population

INTRODUCTION

The tables in this chapter give a picture of the fleet of ships in Equasis in terms of type, size, age and the flag under which the ship is registered.

RESULTS

Graph 1 shows that by number, the Equasis fleet is dominated (85%) by small and medium sized ships up to 24.999 GT. Small ships alone represent 35% by number, although only 1% by tonnage. Many of the small ships are not subject to international conventions on safety and pollution prevention because of their size or because they do not trade internationally.

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

In terms of tonnage the large and very large categories represent 73% of the Equasis fleet (Graph 2), with oil and chemical tankers and bulk carriers dominating both categories. Together they account for 61.3% of the large and 65.1% of the very large categories.

Table 3 shows that over half (60.7%) of the Equasis fleet, by number, is 15 years or older but this is due largely to the dominance of older ships in the small and medium ship fleets. The trend is reversed for large and very large ships where 69.8% and 78.6%, respectively, are less than 15

years old. The large and very large ships dominate the most modern fleet with 73.5%, by tonnage, of the fleet below 4 years of age (Table 4 and Graph 4). At the other end of the age scale, large and very large ships account for just 4% by number and 40% by tonnage of the Equasis fleet over 25 years old (Graphs 11&12).

Graph 13 shows that the fleet in Equasis over 500 GT is roughly equally divided, by number, between targeted and non-targeted flags (46% & 54%). But Graphs 15 to 20 show that the proportion of ships under a targeted flag decreases with size - 47% for medium, 41% for large and 40% for very large ships. By tonnage the overall split is 42% targeted compared with 58% from non-targeted flags (Graph 14). Table 13 shows that general cargo ships have a greater share of the fleet under targeted flags (35.9%) than their share of the nontargeted flag fleet (22.2%). Conversely, passenger ships represent 5.2% of the targeted flag fleet but 7.0% of the nontargeted flag fleet.

2.1. WHOLE FLEET

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	rge ⁽⁴⁾	Tota	l.
General Cargo Ships	5,410	20.6%	13,602	36.4%	209	2.6%			19,221	25.7%
Specialized Cargo Ships	26	0.1%	189	0.5%	45	0.6%	1	0.0%	261	0.3%
Container Ships	3	0.0%	2,452	6.6%	1,566	19.6%	623	19.6%	4,644	6.2%
Ro-Ro Cargo Ships	32	0.1%	957	2.6%	594	7.4%	85	2.7%	1,668	2.2%
Bulk Carriers	412	1.6%	3,469	9.3%	3,036	38.0%	851	26.8%	7,768	10.4%
Oil and Chemical Tankers	2,074	7.9%	6,360	17.0%	1,990	24.9%	1,098	34.6%	11,522	15.4%
Gas Tankers	49	0.2%	948	2.5%	192	2.4%	268	8.4%	1,457	1.9%
Other Tankers	156	0.6%	228	0.6%	5	0.1%			389	0.5%
Passenger Ships	3,392	12.9%	2,625	7.0%	262	3.3%	112	3.5%	6,391	8.5%
Offshore Vessels	1,280	4.9%	3,361	9.0%	57	0.7%	121	3.8%	4,819	6.4%
Service Ships	1,880	7.1%	2,267	6.1%	39	0.5%	18	0.6%	4,204	5.6%
Tugs	11,593	44.1%	877	2.3%					12,470	16.7%
Total	26,307	100%	37,335	100%	7,995	100%	3,177	100%	74,814	100%

Table 1 - World fleet : total number of ships, by type and size - 2008

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

Table 2 - World fleet : gross tonnage (in 1000 t), by type and size - 2008

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	ge ⁽⁴⁾	Tota	I
General Cargo Ships	1,749	24.7%	56,333	26.3%	6,204	2.1%			64,286	7.7%
Specialized Cargo Ships	10	0.1%	1,324	0.6%	1,610	0.5%	64	0.0%	3,008	0.4%
Container Ships	1	0.0%	28,862	13.5%	60,118	20.0%	50,473	16.2%	139,455	16.7%
Ro-Ro Cargo Ships	12	0.2%	9,151	4.3%	26,578	8.8%	5,442	1.7%	41,183	4.9%
Bulk Carriers	158	2.2%	48,457	22.6%	106,943	35.5%	76,556	24.6%	232,114	27.9%
Oil and Chemical Tankers	672	9.5%	37,793	17.6%	77,598	25.8%	126,034	40.5%	242,098	29.0%
Gas Tankers	18	0.3%	4,772	2.2%	8,274	2.8%	27,794	8.9%	40,859	4.99
Other Tankers	43	0.6%	632	0.3%	158	0.1%			833	0.19
Passenger Ships	850	12.0%	12,205	5.7%	9,301	3.1%	10,296	3.3%	32,653	3.99
Offshore Vessels	371	5.2%	6,545	3.1%	2,481	0.8%	13,190	4.2%	22,587	2.79
Service Ships	498	7.0%	7,471	3.5%	1,573	0.5%	1,264	0.4%	10,806	1.39
Tugs	2,688	38.0%	868	0.4%					3,557	0.49
Total	7,071	100%	214,413	100%	300,839	100%	311,114	100%	833,437	100%

Graph 1 - World fleet : total number of ships, by size - 2008







2.2. SHIPS BY AGE

WORLD FLEET

Table 3 - Total number of ships, by age and size - 2008

Ship age category	Smal	(1)	Mediur	n ⁽²⁾	Large	⁽³⁾	Very La	rge ⁽⁴⁾	Tota	I
0-4 years old	2,902	11.0%	5,811	15.6%	2,725	34.1%	1,252	39.4%	12,690	17.0%
5-14 years old	5,232	19.9%	7,405	19.8%	2,858	35.7%	1,246	39.2%	16,741	22.4%
15-24 years old	5,451	20.7%	8,270	22.2%	1,576	19.7%	482	15.2%	15,779	21.1%
+25 years old	12,722	48.4%	15,849	42.5%	836	10.5%	197	6.2%	29,604	39.6%
Total	26,307	100%	37,335	100%	7,995	100%	3,177	100%	74,814	100%

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

Table 4 - Gross tonnage (in 1000 t) of ships, by age and size - 2008

ip age category Small ⁽¹⁾ 0-4 years old 844 1		Medium ⁽²⁾		Large ⁽³⁾		Very La	rge ⁽⁴⁾	Total		
844	11.9%	40,160	18.7%	103,765	34.5%	121,304	39.0%	266,073	31.9%	
1,436	20.3%	54,069	25.2%	106,128	35.3%	121,001	38.9%	282,634	33.9%	
1,508	21.3%	50,202	23.4%	61,326	20.4%	49,749	16.0%	162,786	19.5%	
3,282	46.4%	69,983	32.6%	29,619	9.8%	19,060	6.1%	121,943	14.6%	
7,070	100%	214,413	100%	300,839	100%	311,114	100%	833,436	100%	
	844 1,436 1,508 3,282 7,070	844 11.9% 1,436 20.3% 1,508 21.3% 3,282 46.4% 7,070 100%	844 11.9% 40,160 1,436 20.3% 54,069 1,508 21.3% 50,202 3,282 46.4% 69,983 7,070 100% 214,413	844 11.9% 40,160 18.7% 1,436 20.3% 54,069 25.2% 1,508 21.3% 50,202 23.4% 3,282 46.4% 69,983 32.6% 7,070 100% 214,413 100%	844 11.9% 40,160 18.7% 103,765 1,436 20.3% 54,069 25.2% 106,128 1,508 21.3% 50,202 23.4% 61,326 3,282 46.4% 69,983 32.6% 29,619 7,070 100% 214,413 100% 300,839	844 11.9% 40,160 18.7% 103,765 34.5% 1,436 20.3% 54,069 25.2% 106,128 35.3% 1,508 21.3% 50,202 23.4% 61,326 20.4% 3,282 46.4% 69,983 32.6% 29,619 9.8% 7,070 100% 214,413 100% 300,839 100%	844 11.9% 40,160 18.7% 103,765 34.5% 121,304 1,436 20.3% 54,069 25.2% 106,128 35.3% 121,001 1,508 21.3% 50,202 23.4% 61,326 20.4% 49,749 3,282 46.4% 69,983 32.6% 29,619 9.8% 19,060 7,070 100% 214,413 100% 300,839 100% 311,114	844 11.9% 40,160 18.7% 103,765 34.5% 121,304 39.0% 1,436 20.3% 54,069 25.2% 106,128 35.3% 121,001 38.9% 1,508 21.3% 50,202 23.4% 61,326 20.4% 49,749 16.0% 3,282 46.4% 69,983 32.6% 29,619 9.8% 19,060 6.1% 7,070 100% 214,413 100% 300,839 100% 311,114 100%	844 11.9% 40,160 18.7% 103,765 34.5% 121,304 39.0% 266,073 1,436 20.3% 54,069 25.2% 106,128 35.3% 121,001 38.9% 282,634 1,508 21.3% 50,202 23.4% 61,326 20.4% 49,749 16.0% 162,786 3,282 46.4% 69,983 32.6% 29,619 9.8% 19,060 6.1% 121,943	

Graph 3 - World fleet : total number of 0-4 years old ships, by size – 2008







0-4 YEARS OLD SHIPS

Ship Type	Small	(1)	Mediu	m ⁽²⁾	Large	³ (3)	Very La	rge ⁽⁴⁾	Tota	I
General Cargo Ships	270	9.3%	1,631	28.1%	24	0.9%			1,925	15.2%
Specialized Cargo Ships			19	0.3%					19	0.1%
Container Ships	2		687	11.8%	588	21.6%	360	28.8%	1,637	12.9%
Ro-Ro Cargo Ships	4	0.1%	58	1.0%	162	5.9%	61	4.9%	285	2.2%
Bulk Carriers	3	0.1%	393	6.8%	907	33.3%	242	19.3%	1,545	12.2%
Oil and Chemical Tankers	76	2.6%	1,427	24.6%	915	33.6%	391	31.2%	2,809	22.1%
Gas Tankers	1	0.0%	153	2.6%	69	2.5%	143	11.4%	366	2.9%
Other Tankers	3	0.1%	27	0.5%	1	0.0%			31	0.2%
Passenger Ships	206	7.1%	225	3.9%	40	1.5%	38	3.0%	509	4.0%
Offshore Vessels	124	4.3%	892	15.4%	12	0.4%	17	1.4%	1,045	8.2%
Service Ships	103	3.5%	162	2.8%	7	0.3%		0.0%	272	2.1%
Tugs	2,110	72.7%	137	2.4%					2,247	17.7%
Total	2,902	100%	5,811	100%	2,725	100%	1,252	100%	12,690	100%

Table 5 - Total number of 0-4 years old ships, by type and size - 2008

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

Table 6 - Gross tonnage (in 1000 t) of 0-4 years old ships, by type and size - 2008

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	⁽³⁾	Very La	rge ⁽⁴⁾	Tota	I
General Cargo Ships	119	14.2%	7,876	19.6%	763	0.7%			8,758	3.3%
Specialized Cargo Ships			230	0.6%					230	0.1%
Container Ships	1		8,287	20.6%	22,683	21.9%	31,608	26.1%	62,580	23.5%
Ro-Ro Cargo Ships	2	0.2%	756	1.9%	7,915	7.6%	3,824	3.2%	12,497	4.7%
Bulk Carriers	1	0.1%	5,775	14.4%	33,420	32.2%	22,853	18.8%	62,049	23.3%
Oil and Chemical Tankers	30	3.6%	11,861	29.5%	33,694	32.5%	41,255	34.0%	86,839	32.6%
Gas Tankers			1,073	2.7%	3,016	2.9%	15,528	12.8%	19,617	7.4%
Other Tankers	1	0.1%	114	0.3%	33	0.0%			148	0.1%
Passenger Ships	57	6.7%	1,044	2.6%	1,436	1.4%	3,921	3.2%	6,458	2.4%
Offshore Vessels	50	6.0%	2,120	5.3%	514	0.5%	2,316	1.9%	5,000	1.9%
Service Ships	28	3.3%	857	2.1%	291	0.3%		0.0%	1,176	0.4%
Tugs	555	65.8%	168	0.4%					722	0.3%
Total	844	100%	40,160	100%	103,765	100%	121,304	100%	266,073	100%

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

Graph 5 - World fleet : total number of 0-4 years old ships, by size – 2008



Graph 6 - World fleet : gross tonnage of 0-4 years old ships by size – 2008



5-14 YEARS OLD SHIPS

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	rge ⁽⁴⁾	Tota	d 👘
General Cargo Ships	936	17.9%	2,100	28.4%	83	2.9%			3,119	18.6%
Specialized Cargo Ships	1	0.0%	27	0.4%	3	0.1%			31	0.2%
Container Ships	1	0.0%	1,046	14.1%	571	20.0%	258	20.7%	1,876	11.2%
Ro-Ro Cargo Ships	9	0.2%	230	3.1%	152	5.3%	21	1.7%	412	2.5%
Bulk Carriers	69	1.3%	687	9.3%	1,251	43.8%	314	25.2%	2,321	13.9%
Oil and Chemical Tankers	330	6.3%	1,331	18.0%	612	21.4%	478	38.4%	2,751	16.4%
Gas Tankers	6	0.1%	279	3.8%	44	1.5%	71	5.7%	400	2.4%
Other Tankers	13	0.2%	34	0.5%	3	0.1%			50	0.3%
Passenger Ships	794	15.2%	604	8.2%	112	3.9%	64	5.1%	1,574	9.4%
Offshore Vessels	142	2.7%	588	7.9%	20	0.7%	25	2.0%	775	4.6%
Service Ships	273	5.2%	353	4.8%	7	0.2%	15	1.2%	648	3.9%
Tugs	2,658	50.8%	126	1.7%					2,784	16.6%
Total	5,232	100%	7,405	100%	2,858	100%	1,246	100%	16,741	100%

Table 7 - Total number of 5-14 years old ships, by type and size – 2008

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

Table 8 - Gross tonnage (in 1000 t) of 5-14 years old ships, by type and size - 2008

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	rge ⁽⁴⁾	Tota	
General Cargo Ships	343	23.9%	10,871	20.1%	2,561	2.4%			13,775	4.9%
Specialized Cargo Ships			221	0.4%	120	0.1%			341	0.1%
Container Ships			12,458	23.0%	21,457	20.2%	18,555	15.3%	52,471	18.6%
Ro-Ro Cargo Ships	3	0.2%	2,561	4.9%	7,326	6.9%	1,418	1.2%	11,408	4.0%
Bulk Carriers	30	2.1%	9,523	17.8%	42,560	40.1%	26,734	22.1%	78,947	27.9%
Oil and Chemical Tankers	103	7.1%	10,219	18.9%	24,907	23.5%	58,032	48.0%	93,260	33.0%
Gas Tankers	2	0.2%	1,516	0.0%	1,914	1.8%	7,326	6.1%	10,859	3.8%
Other Tankers	4	0.2%	118	0.2%	95	0.1%			216	0.1%
Passenger Ships	204	14.2%	2,983	5.5%	3,970	3.7%	5,569	4.7%	12,826	4.5%
Otshore Vessels	50	3.5%	1,530	2.8%	923	0.9%	2,199	1.8%	4,702	1.7%
Service Ships	66	4.6%	1,538	3.0%	297	0.3%	1,067	0.9%	3,068	1.1%
Tugs	631	44.0%	129	0.2%					760	0.3%
Total	1,436	100%	54,069	100%	106,128	100%	121,001	100%	282,634	100%

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

Graph 7 - Total number of 5-14 years old ships by size – 2008



Graph 8 - Gross tonnage of 5-14 years old ships by size - 2008



15-24 YEARS OLD SHIPS

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	rge ⁽⁴⁾	Tota	il 👘
General Cargo Ships	1,393	25.6%	3,323	40.2%	57	3.6%			4,773	30.2%
Specialized Cargo Ships	2	0.0%	30	0.4%	18	1.1%	1	0.2%	51	0.3%
Container Ships			418	5.1%	297	18.8%	5	1.0%	720	4.6%
Ro-Ro Cargo Ships	5	0.1%	233	2.8%	143	9.1%	3	0.6%	384	2.4%
Bulk Carriers	198	3.6%	921	11.1%	538	34.1%	240	49.8%	1,897	12.0%
Oil and Chemical Tankers	672	12.3%	1,436	17.4%	386	24.5%	193	40.0%	2,687	17.0%
Gas Tankers	9	0.2%	248	3.0%	39	2.5%	16	3.3%	312	2.0%
Other Tankers	37	0.7%	54	0.7%					91	0.6%
Passenger Ships	904	16.6%	605	7.3%	76	4.8%	9	1.9%	1,594	10.1%
Offshore Vessels	127	2.3%	376	4.5%	11	0.7%	15	3.1%	529	3.4%
Service Ships	498	9.1%	522	6.3%	11	0.7%			1,031	6.5%
Tugs	1,606	29.5%	104	1.3%					1,710	10.8%
Total	5,451	100%	8,270	100%	1,576	100%	482	100%	15,779	100%

Table 9 - Total number of 15-24 years old ships, by type and size - 2008

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

Table 10 - Gross tonnage (in 1000 t) of 15-24 years old ships, by type and size - 2008

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	rge ⁽⁴⁾	Tota	d -
General Cargo Ships	416	27.6%	14,305	28.5%	1,620	2.6%			16,340	10.0%
Specialized Cargo Ships	1	0.0%	248	0.5%	667	1.1%	64	0.1%	980	0.6%
Container Ships			5,223	10.4%	12,331	20.1%	310	0.6%	17,863	11.0%
Ro-Ro Cargo Ships	2	0.1%	2,043	4.1%	6,256	10.2%	200	0.4%	8,500	5.2%
Bulk Carriers	82	5.4%	13,763	27.4%	18,770	30.6%	22,602	45.4%	55,217	33.9%
Oil and Chemical Tankers	214	14.2%	7,868	15.7%	16,261	26.5%	22,867	46.0%	47,211	29.0%
Gas Tankers	4	0.2%	1,217	2.4%	1,695	2.8%	1,580	3.2%	4,495	2.8%
Other Tankers	10	0.7%	159	0.3%					169	0.1%
Passenger Ships	231	15.3%	2,773	5.5%	2,844	4.6%	637	1.3%	6,484	4.0%
Offshore Vessels	35	2.3%	780	1.6%	479	0.8%	1,490	3.0%	2,784	1.7%
Service Ships	153	10.1%	1,718	3.4%	405	0.7%			2,275	1.4%
Tugs	362	24.0%	104	0.2%					466	0.3%
Total	1,508	100%	50,202	100%	61,326	100%	49,749	100%	162,786	100%

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

Graph 9 - Total number of 15-14 years old ships by size - 2008



Graph 10 - Gross tonnage of 15-24 years old ships by size – 2008



+25 YEARS OLD SHIPS

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	rge ⁽⁴⁾	Tota	il 👘
General Cargo Ships	2,811	22.1%	6,548	41.3%	45	5.4%		0.0%	9,404	31.8%
Specialized Cargo Ships	23	0.2%	113	0.7%	24	2.9%		0.0%	160	0.5%
Container Ships		0.0%	301	1.9%	110	13.2%		0.0%	411	1.4%
Ro-Ro Cargo Ships	14	0.1%	436	2.8%	137	16.4%		0.0%	587	2.0%
Bulk Carriers	142	1.1%	1,468	9.3%	340	40.7%	55	27.9%	2,005	6.8%
Oil and Chemical Tankers	996	7.8%	2,166	13.7%	77	9.2%	36	18.3%	3,275	11.1%
Gas Tankers	33	0.3%	268	1.7%	40	4.8%	38	19.3%	379	1.3%
Other Tankers	103	0.8%	113	0.7%	1	0.1%		0.0%	217	0.7%
Passenger Ships	1,488	11.7%	1,191	7.5%	34	4.1%	1	0.5%	2,714	9.2%
Offshore Vessels	887	7.0%	1,505	9.5%	14	1.7%	64	32.5%	2,470	8.3%
Service Ships	1,006	7.9%	1,230	7.8%	14	1.7%	3	1.5%	2,253	7.6%
Tugs	5,219	41.0%	510	3.2%		0.0%		0.0%	5,729	19.4%
Total	12,722	100%	15,849	100%	836	100%	197	100%	29,604	100%

Table 11 - Total number of +25 years old ships, by type and size - 2008

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

Table 12 - Gross tonnage (in 1000 t) of +25 years old ships, by type and size - 2008

Ship Type	Small	(1)	Mediur	n ⁽²⁾	Large	(3)	Very La	rge ⁽⁴⁾	Tota	d -
General Cargo Ships	870	26.5%	23,280	33.3%	1,261	4.3%		0.0%	25,412	20.8%
Specialized Cargo Ships	9	0.3%	624	0.9%	824	2.8%		0.0%	1,457	1.2%
Container Ships		0.0%	2,894	4.1%	3,647	12.3%		0.0%	6,541	5.4%
Ro-Ro Cargo Ships	5	0.2%	3,692	5.3%	5,081	17.2%		0.0%	8,778	7.2%
Bulk Carriers	45	1.4%	19,296	27.6%	12,192	41.2%	4,367	22.9%	35,901	29.4%
Oil and Chemical Tankers	326	9.9%	7,845	11.2%	2,736	9.2%	3,880	20.4%	14,787	12.1%
Gas Tankers	12	0.4%	865	1.2%	1,649	5.6%	3,361	17.6%	5,887	4.8%
Other Tankers	28	0.9%	241	0.3%	30	0.1%		0.0%	300	0.2%
Passenger Ships	359	10.9%	5,405	7.7%	1,052	3.6%	70	0.4%	6,885	5.6%
Offshore Vessels	235	7.1%	2,115	3.0%	566	1.9%	7,185	37.7%	10,101	8.3%
Service Ships	252	7.7%	3,258	4.7%	580	2.0%	197	1.0%	4,287	3.5%
Tugs	1,141	34.8%	467	0.7%		0.0%		0.0%	1,608	1.3%
Total	3,282	100%	69,983	100%	29,619	100%	19,060	100%	121,943	100%

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

Graph 11 - Total number of +25 years old ships by size - 2008



Graph 12 - Gross tonnage of +25 years old ships by size - 2008



2.3. SHIPS BY FLAG

WHOLE FLEET GT≥500

Table 13 - World fleet GT≥500: total number of ships, by type and flag – 2008

Ship Type	Targete	ed Flag	Non Targ	eted Flag	Tot	tal			
General Cargo Ships	7,970	35.9%	5,841	22.2%	13,811	28.5%			
Specialized Cargo Ships	96	0.4%	139	0.5%	235	0.5%			
Container Ships	1,369	6.2%	3,272	12.4%	4,641	9.6%			
Ro-Ro Cargo Ships	924	4.2%	712	2.7%	1,636	3.4%			
Bulk Carriers	3,959	17.9%	3,397	12.9%	7,356	15.2%			
Oil and Chemical Tankers	3,970	17.9%	5,478	20.8%	9,448	19.5%			
Gas Tankers	620	2.8%	788	3.0%	1,408	2.9%			
Other Tankers	130	0.6%	103	0.4%	233	0.5%			
Passenger Ships	1,163	5.2%	1,836	7.0%	2,999	6.2%			
Offshore Vessels	986	4.4%	2,553	9.7%	3,539	7.3%			
Service Ships	734	3.3%	1,590	6.0%	2,324	4.8%			
Tugs	250	1.1%	627	2.4%	877	1.8%			
Total	22,171	100%	26,336	100%	48,507	100%			

Table 14 - World fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and flag – 2008

Ship Type	Targete	ed Flag	Non Targ	eted Flag	То	tal
General Cargo Ships	34,583	9.9%	27,954	5.9%	62,537	7.6%
Specialized Cargo Ships	1,091	0.3%	1,907	0.4%	2,998	0.4%
Container Ships	41,041	11.8%	98,413	20.6%	139,454	16.9%
Ro-Ro Cargo Ships	23,208	6.7%	17,963	3.8%	41,171	5.0%
Bulk Carriers	119,858	34.3%	112,098	23.5%	231,956	28.1%
Oil and Chemical Tankers	85,741	24.6%	155,684	32.6%	241,425	29.2%
Gas Tankers	15,227	4.4%	25,613	5.4%	40,840	4.9%
Other Tankers	279	0.1%	511	0.1%	790	0.1%
Passenger Ships	16,681	4.8%	15,121	3.2%	31,803	3.8%
Offshore Vessels	8,719	2.5%	13,497	2.8%	22,216	2.7%
Service Ships	2,259	0.6%	8,049	1.7%	10,308	1.2%
Tugs	279	0.1%	589	0.1%	868	0.1%
Total	348,967	100%	477,399	100%	826,366	100%

Source: Equasis

Graph 13 - World fleet GT \geq 500: total number of ships, by flag – 2008



Graph 14 - World fleet GT≥500: gross tonnage of ships, by flag – 2008



MEDIUM SHIPS

Ship Type	Targete	ed Flag	Non Targ	eted Flag	Tot	tal
General Cargo Ships	7,857	44.5%	5,745	29.2%	13,602	36.4%
Specialized Cargo Ships	74	0.4%	115	0.6%	189	0.5%
Container Ships	758	4.3%	1,694	8.6%	2,452	6.6%
Ro-Ro Cargo Ships	535	3.0%	422	2.1%	957	2.6%
Bulk Carriers	2,026	11.5%	1,443	7.3%	3,469	9.3%
Oil and Chemical Tankers	2,975	16.8%	3,385	17.2%	6,360	17.0%
Gas Tankers	446	2.5%	502	2.6%	948	2.5%
Other Tankers	130	0.7%	98	0.5%	228	0.6%
Passenger Ships	969	5.5%	1,656	8.4%	2,625	7.0%
Offshore Vessels	908	5.1%	2,453	12.5%	3,361	9.0%
Service Ships	732	4.1%	1,535	7.8%	2,267	6.1%
Tugs	250	1.4%	627	3.2%	877	2.3%
Total	17,660	100%	19,675	100%	37,335	100%

Table 15 - Total number of medium⁽¹⁾ ships, by type and flag – 2008

Source: Equasis ⁽¹⁾ 500 GT<25.000

Table 16 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag – 2008

Ship Type	Targete	ed Flag	Non Targ	eted Flag	To	tal			
General Cargo Ships	31,299	31.9%	25,033	21.5%	56,333	26.3%			
Specialized Cargo Ships	340	0.3%	984	0.8%	1,324	0.6%			
Container Ships	8,413	8.6%	20,449	17.6%	28,862	13.5%			
Ro-Ro Cargo Ships	4,662	4.8%	4,489	3.9%	9,151	4.3%			
Bulk Carriers	26,976	27.5%	21,481	18.5%	48,457	22.6%			
Oil and Chemical Tankers	15,168	15.5%	22,625	19.5%	37,793	17.6%			
Gas Tankers	1,507	1.5%	3,264	2.8%	4,772	2.2%			
Other Tankers	279	0.3%	353	0.3%	632	0.3%			
Passenger Ships	5,327	5.4%	6,878	5.9%	12,205	5.7%			
Offshore Vessels	1,647	1.7%	4,898	4.2%	6,545	3.1%			
Service Ships	2,196	2.2%	5,275	4.5%	7,471	3.5%			
Tugs	279	0.3%	589	0.5%	868	0.4%			
Total	98,095	100%	116,319	100%	214,413	100%			

Source: Equasis ⁽¹⁾ 500 GT<25.000

Graph 15 - Total number of medium ships, by flag – 2008



Graph 16 - Gross tonnage of medium ships, by flag – 2008



LARGE SHIPS

Ship Type	Targetee	d Flag	Non Targe	eted Flag	Tot	tal
General Cargo Ships	113	3.5%	96	2.0%	209	2.6%
Specialized Cargo Ships	22	0.7%	23	0.5%	45	0.6%
Container Ships	408	12.6%	1,158	24.4%	1,566	19.6%
Ro-Ro Cargo Ships	346	10.7%	248	5.2%	594	7.4%
Bulk Carriers	1,509	46.5%	1,527	32.2%	3,036	38.0%
Oil and Chemical Tankers	628	19.3%	1,362	28.7%	1,990	24.9%
Gas Tankers	78	2.4%	114	2.4%	192	2.4%
Other Tankers		0.0%	5	0.1%	5	0.1%
Passenger Ships	118	3.6%	144	3.0%	262	3.3%
Offshore Vessels	23	0.7%	34	0.7%	57	0.7%
Service Ships	2	0.1%	37	0.8%	39	0.5%
Tugs						
Total	3,247	100%	4,748	100%	7,995	100%

Table 17 - Total number of large⁽¹⁾ ships, by type and flag - 2008

Source: Equasis ⁽¹⁾ 25.000≤GT<60.000

Table 18 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag – 2008

Ship Type	Targete	ed Flag	Non Targ	eted Flag	То	tal
General Cargo Ships	3,283	2.6%	2,921	1.7%	6,204	2.1%
Specialized Cargo Ships	751	0.6%	859	0.5%	1,610	0.5%
Container Ships	16,520	13.3%	43,598	24.7%	60,118	20.0%
Ro-Ro Cargo Ships	15,857	12.8%	10,721	6.1%	26,578	8.8%
Bulk Carriers	54,316	43.8%	52,627	29.8%	106,943	35.5%
Oil and Chemical Tankers	24,736	19.9%	52,862	29.9%	77,598	25.8%
Gas Tankers	3,416	2.8%	4,858	2.7%	8,274	2.8%
Other Tankers		0.0%	158	0.1%	158	0.1%
Passenger Ships	4,251	3.4%	5,050	2.9%	9,301	3.1%
Offshore Vessels	917	0.7%	1,565	0.9%	2,481	0.8%
Service Ships	63	0.1%	1,510	0.9%	1,573	0.5%
Tugs						
Total	124,110	100%	176,729	100%	300,839	100%

Source: Equasis ⁽¹⁾ 25.000≤GT<60.000

Graph 17 - Total number of large ships, by flag – 2008







VERY LARGE SHIPS

Ship Type	Targete	d Flag	Non Targe	eted Flag	Tota	il 👘
General Cargo Ships						
Specialized Cargo Ships			1	0.1%	1	0.0%
Container Ships	203	1 6.1%	420	22.0%	623	19.6%
Ro-Ro Cargo Ships	43	3.4%	42	2.2%	85	2.7%
Bulk Carriers	424	33.5%	427	22.3%	851	26.8%
Oil and Chemical Tankers	367	29.0%	731	38.2%	1,098	34.6%
Gas Tankers	96	7.6%	172	9.0%	268	8.4%
Other Tankers						
Passenger Ships	76	6.0%	36	1.9%	112	3.5%
Offshore Vessels	55	4.4%	66	3.5%	121	3.8%
Service Ships			18	0.9%	18	0.6%
Tugs						
Total	1,264	100%	1,913	100%	3,177	100%

Table 19 - Total number of very large⁽¹⁾ ships, by type and flag - 2008

Source: Equasis ⁽¹⁾ GT 60.000

Table 20 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag – 2008

Ship Type	Target	ed Flag	Non Targ	eted Flag	То	tal
General Cargo Ships						
Specialized Cargo Ships			64	0.0%	64	0.0%
Container Ships	16,108	12.7%	34,365	18.6%	50,473	16.2%
Ro-Ro Cargo Ships	2,689	2.1%	2,752	1.5%	5,442	1.7%
Bulk Carriers	38,566	30.4%	37,990	20.6%	76,556	24.6%
Oil and Chemical Tankers	45,837	36.2%	80,197	43.5%	126,034	40.5%
Gas Tankers	10,304	8.1%	17,490	9.5%	27,794	8.9%
Other Tankers						
Passenger Ships	7,103	5.6%	3,194	1.7%	10,296	3.3%
Offshore Vessels	6,155	4.9%	7,035	3.8%	13,190	4.2%
Service Ships			1,264	0.7%	1,264	0.4%
Tugs						
Total	126,762	100%	184,352	100%	311,114	100%

Source: Equasis ⁽¹⁾ GT 60.000

Graph 19 - Total number of very large ships, by flag – 2008



Graph 20 - Gross tonnage of very large ships, by flag – 2008



Chapter 3

3. Classification Societies

INTRODUCTION

Classification societies provide technical and surveying services for the shipping industry and undertake statutory surveys on behalf of flag states as so-called "*recognised organisations"*. These services are mostly provided by societies belonging to the International Association of Classification Societies (IACS). There is no requirement under international conventions for a ship to be "in class". However the vast majority of ships (and their flag state) rely on meeting the standards of class in order to comply with the construction standard required under the SOLAS and Loadline conventions.

In 2008, IACS consisted of 10 member societies and one associate*:

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Classification Society (CCS)
- Det Norske Veritas (DNV)
- Germanischer Lloyd (GL)
- Indian Register of Shipping* (IRS)
- Korean Register of Shipping (KR)
- Lloyd's Register of Shipping (LR)
- Nippon Kaiji Kyokai (NK)
- Registro Italiano Navale (RINA)²
- Russian Maritime Register of Shipping (RS)

The tables in this chapter show the proportion of the fleet included in Equasis $GT \ge 500$, in each size and type category, which is classed with members of IACS and those classed with recognised organisations which are not members of IACS. Data on class is provided by IACS members and, for

non IACS recognised organisations, the information is supplied by LRF when available.

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

In chapter 3.3 the fleet is analysed according to class and flag status. Flags are grouped in two categories, targeted and non-targeted. Those in the "targeted" group are the flags which appear on at least one of the targeted flag lists by the three port state control regimes which feed their inspection results to Equasis (Paris MoU, Tokyo MoU and USCG [safety targeting]). A list of the flags is at Annex II.

In chapter 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 and USCG regions. All detentions are counted, whether or not the recognised organisation has any responsibility towards the grounds for the detention.

RESULTS

Graph 21 shows that the Equasis fleet over 500 GT is dominated by ships classed by IACS members (72% by number and 93% by tonnage). This proportion is reflected in most of the ship types although general cargo ships account for over half of the world's fleet over 500GT that are not IACS classed. (Table 21). Graphs 23 to 28 show that the IACS share increased with size, with 98% of the large fleet, by number and tonnage, covered by IACS. 98% Of the very large fleet by number and 97% of the very

 $^{^{\}rm 2}$ In 2009, RINA changed its official name to just 'RINA'.

large fleet by Tonnage were also covered by IACS. Ships known to be covered by non-IACS members are almost all medium sized (Tables 23,25,27) (Note: it is likely that some of the ships with class not recorded are in fact covered by a non-IACS society).

As Graphs 29,37,45 and 53 show the IACS' coverage is greater among the younger fleet and tends to diminishes with age – with 88% of ships aged up to 5 years, 91% 5 to 14 years old and 47% 25 years or older.

Graphs 61 and 69 show that the fleet of targeted flag ships has a lesser IACS coverage (67%) than the fleet of non targeted ships (77%).

The safety performance of the Equasis fleet over 500 GT, as measured by detention rates (Table 77) shows that 4.27% of inspections resulted in detention in 2008. Those ships with an IACS class were less likely to be detained in 2008 (3.03%) than those with non-IACS members (12.82%) or with no class recorded (14.21%).

3.1. CLASS STATUS

Ship Type	IACS	5	Non IA	CS	Class not r	ecorded	Total	
General Cargo Ships	7,797	22.2%	1,115	57.1%	4,899	42.8%	13,811	28.5%
Specialized Cargo Ships	169	0.5%	14	0.7%	52	0.5%	235	0.5%
Container Ships	4,360	12.4%	50	2.6%	231	2.0%	4,641	9.6%
Ro-Ro Cargo Ships	1,420	4.0%	31	1.6%	185	1.6%	1,636	3.4%
Bulk Carriers	6,337	18.0%	205	10.5%	814	7.1%	7,356	15.2%
Oil and Chemical Tankers	7,415	21.1%	217	11.1%	1,816	15.9%	9,448	19.5%
Gas Tankers	1,223	3.5%	10	0.5%	175	1.5%	1,408	2.9%
Other Tankers	149	0.4%	19	1.0%	65	0.6%	233	0.5%
Passenger Ships	1,478	4.2%	210	10.8%	1,311	11.5%	2,999	6.2%
Offshore Vessels	2,921	8.3%	27	1.4%	591	5.2%	3,539	7.3%
Service Ships	1,218	3.5%	36	1.8%	1,070	9.4%	2,324	4.8%
Tugs	628	1.8%	19	1.0%	230	2.0%	877	1.8%
Total	35,115	100%	1,953	100%	11,439	100%	48,507	100%

Table 21 - World fleet GT≥500 : total number of ships, by type and class – 2008

Source: Equasis - IACS membership on 31/12/2008

Table 22 - World fleet GT≥500 : gross tonnage (in 1000 t) of ships, by type and class – 2008

Ship Type	IACS	5	Non IA	ACS	Class not r	ecorded	Tota	I
General Cargo Ships	47,103	6.1%	2,827	39.3%	12,607	26.7%	62,537	7.6%
Specialized Cargo Ships	2,666	0.3%	43	0.6%	289	0.6%	2,998	0.4%
Container Ships	134,915	17.5%	304	4.2%	4,235	9.0%	139,454	16.9%
Ro-Ro Cargo Ships	40,064	5.2%	261	3.6%	845	1.8%	41,171	5.0%
Bulk Carriers	218,544	28.3%	2,308	32.1%	11,104	23.5%	231,956	28.1%
Oil and Chemical Tankers	234,142	30.3%	517	7.2%	6,766	14.3%	241,425	29.2%
Gas Tankers	39,129	5.1%	13	0.2%	1,698	3.6%	40,840	4.9%
Other Tankers	659	0.1%	33	0.5%	98	0.2%	790	0.1%
Passenger Ships	27,481	3.6%	719	10.0%	3,603	7.6%	31,803	3.8%
Offshore Vessels	18,871	2.4%	108	1.5%	3,238	6.8%	22,216	2.7%
Service Ships	7,633	1.0%	43	0.6%	2,632	5.6%	10,308	1.2%
Tugs	665	0.1%	16	0.2%	188	0.4%	868	0.1%
Total	771,872	100%	7,192	100%	47,302	100%	826,366	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 21 - World fleet GT≥500 : total number of ships, by class – 2008



Graph 22 - World fleet GT≥500 : gross tonnage of ships, by class – 2008



MEDIUM SHIPS

Ship Type	IAC	S	Non IA	CS	Class not r	ecorded	Tota	I
General Cargo Ships	7,589	31.4%	1,115	57.3%	4,898	43.8%	13,602	36.4%
Specialized Cargo Ships	126	0.5%	14	0.7%	49	0.4%	189	0.5%
Container Ships	2,219	9.2%	50	2.6%	183	1.6%	2,452	6.6%
Ro-Ro Cargo Ships	745	3.1%	31	1.6%	181	1.6%	957	2.6%
Bulk Carriers	2,554	10.6%	199	10.2%	716	6.4%	3,469	9.3%
Oil and Chemical Tankers	4,381	18.1%	216	11.1%	1,763	15.8%	6,360	17.0%
Gas Tankers	775	3.2%	10	0.5%	163	1.5%	948	2.5%
Other Tankers	144	0.6%	19	1.0%	65	0.6%	228	0.6%
Passenger Ships	1,107	4.6%	210	10.8%	1,308	11.7%	2,625	7.0%
Offshore Vessels	2,773	11.5%	26	1.3%	562	5.0%	3,361	9.0%
Service Ships	1,166	4.8%	36	1.9%	1,065	9.5%	2,267	6.1%
Tugs	628	2.6%	19	1.0%	230	2.1%	877	2.3%
Total	24,207	100%	1,945	100%	11,183	100%	37,335	100%

Table 23 - Total number of medium⁽¹⁾ ships, by type and class – 2008

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Table 24 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and class – 2008

Ship Type	IAC	s	Non I/	ACS	Class not r	ecorded	Tota	ıl
General Cargo Ships	40,937	23.4%	2,827	41.0%	12,569	38.2%	56,333	26.3%
Specialized Cargo Ships	1,098	0.6%	43	0.6%	182	0.6%	1,324	0.6%
Container Ships	27,302	15.6%	304	4.4%	1,256	3.8%	28,862	13.5%
Ro-Ro Cargo Ships	8,202	4.7%	261	3.8%	688	2.1%	9,151	4.3%
Bulk Carriers	39,095	22.4%	2,126	30.9%	7,236	22.0%	48,457	22.6%
Oil and Chemical Tankers	33,601	19.2%	470	6.8%	3,721	11.3%	37,793	17.6%
Gas Tankers	4,533	2.6%	13	0.2%	225	0.7%	4,772	2.2%
Other Tankers	502	0.3%	33	0.5%	98	0.3%	632	0.3%
Passenger Ships	7,988	4.6%	719	10.4%	3,498	10.6%	12,205	5.7%
Offshore Vessels	5,722	3.3%	32	0.5%	791	2.4%	6,545	3.1%
Service Ships	4,988	2.9%	43	0.6%	2,440	7.4%	7,471	3.5%
Tugs	665	0.4%	16	0.2%	188	0.6%	868	0.4%
Total	174,633	100%	6,888	100%	32,893	100%	214,413	100%

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Graph 23 - Total number of medium ships, by class – 2008



Graph 24 - Gross tonnage of medium ships, by class – 2008



LARGE SHIPS

Ship Type	IAC	5	Non IA	CS	Class not r	ecorded	Tota	I
General Cargo Ships	208	2.7%			1	0.6%	209	2.6%
Specialized Cargo Ships	42	0.5%			3	1.7%	45	0.6%
Container Ships	1,539	19.7%			27	15.1%	1,566	19.6%
Ro-Ro Cargo Ships	591	7.6%			3	1.7%	594	7.4%
Bulk Carriers	2,942	37.7%	6	85.7%	88	49.2%	3,036	38.0%
Oil and Chemical Tankers	1,951	25.0%	1	14.3%	38	21.2%	1,990	24.9%
Gas Tankers	190	2.4%			2	1.1%	192	2.4%
Other Tankers	5	0.1%					5	0.1%
Passenger Ships	259	3.3%			3	1.7%	262	3.3%
Offshore Vessels	48	0.6%			9	5.0%	57	0.7%
Service Ships	34	0.4%			5	2.8%	39	0.5%
Tugs								
Total	7,809	100%	7	100%	179	100%	7,995	100%

Table 25 - Total number of large⁽¹⁾ ships, by type and class – 2008

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Table 26 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and class – 2008

Ship Type	IACS	5	Non IA	CS	Class not r	ecorded	Tota	I
General Cargo Ships	6,166	2.1%			38	0.6%	6,204	2.1%
Specialized Cargo Ships	1,503	0.5%			107	1.7%	1,610	0.5%
Container Ships	59,205	20.1%			913	14.3%	60,118	20.0%
Ro-Ro Cargo Ships	26,481	9.0%			97	1.5%	26,578	8.8%
Bulk Carriers	103,829	35.3%	181	79.3%	2,933	45.9%	106,943	35.5%
Oil and Chemical Tankers	76,050	25.8%	47	20.7%	1,501	23.5%	77,598	25.8%
Gas Tankers	8,181	2.8%			93	1.5%	8,274	2.8%
Other Tankers	158	0.1%					158	0.1%
Passenger Ships	9,196	3.1%			105	1.6%	9,301	3.1%
Offshore Vessels	2,072	0.7%			410	6.4%	2,481	0.8%
Service Ships	1,382	0.5%			191	3.0%	1,573	0.5%
Tugs								
Total	294,222	100%	229	100%	6,388	100%	300,839	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Graph 25 - Total number of large ships, by class – 2008 Graph 26 - Gross tonnage of large ships, by class – 2008



VERY LARGE SHIPS

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	I
General Cargo Ships								
Specialized Cargo Ships	1	0.0%					1	0.0%
Container Ships	602	19.4%			21	27.3%	623	19.6%
Ro-Ro Cargo Ships	84	2.7%			1	1.3%	85	2.7%
Bulk Carriers	841	27.1%			10	13.0%	851	26.8%
Oil and Chemical Tankers	1,083	34.9%			15	19.5%	1,098	34.6%
Gas Tankers	258	8.3%			10	13.0%	268	8.4%
Other Tankers								
Passenger Ships	112	3.6%					112	3.5%
Offshore Vessels	100	3.2%	1	100.0%	20	26.0%	121	3.8%
Service Ships	18	0.6%					18	0.6%
Tugs								
Total	3,099	100%	1	100%	77	100%	3,177	100%

Table 27 - Total number of very large⁽¹⁾ ships, by type and class – 2008

Source: Equasis - ⁽¹⁾GT 60.000 - IACS membership on 31/12/2008

Table 28 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and class – 2008

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	I
General Cargo Ships							0	0.0%
Specialized Cargo Ships	64	0.0%					64	0.0%
Container Ships	48,408	16.0%			2,065	25.7%	50,473	16.2%
Ro-Ro Cargo Ships	5,382	1.8%			60	0.8%	5,442	1.7%
Bulk Carriers	75,621	25.0%			935	11.7%	76,556	24.6%
Oil and Chemical Tankers	124,491	41.1%			1,544	19.2%	126,034	40.5%
Gas Tankers	26,415	8.7%			1,379	17.2%	27,794	8.9%
Other Tankers							0	0.0%
Passenger Ships	10,296	3.4%					10,296	3.3%
Offshore Vessels	11,077	3.7%	75	100.0%	2,037	25.4%	13,190	4.2%
Service Ships	1,264	0.4%					1,264	0.4%
Tugs							0	0.0%
Total	303,018	100%	75	100%	8,021	100%	311,114	100%

Source: Equasis - (1) GT 60.000 - IACS membership on 31/12/2008

IACS

Graph 27 - Total number of very large ships, by class – 2008



Graph 28 - Gross tonnage of very large ships, by class – 2008



Non IACS 0%

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 – 2008

Ship Type	IAC	s	Non	IACS	Class not r	recorded	Tota	
General Cargo Ships	1,155	13.4%	173	75.2%	327	35.2%	1,655	16.9%
Specialized Cargo Ships	12	0.1%	1	0.4%	6	0.6%	19	0.2%
Container Ships	1,500	17.4%	9	3.9%	126	13.5%	1,635	16.7%
Ro-Ro Cargo Ships	274	3.2%			7	0.8%	281	2.9%
Bulk Carriers	1,484	17.2%	1	0.4%	57	6.1%	1,542	15.8%
Oil and Chemical Tankers	2,558	29.6%	11	4.8%	164	17.6%	2,733	27.9%
Gas Tankers	343	4.0%			22	2.4%	365	3.7%
Other Tankers	21	0.2%	2	0.9%	5	0.5%	28	0.3%
Passenger Ships	196	2.3%	28	12.2%	79	8.5%	303	3.1%
Offshore Vessels	843	9.8%	3	1.3%	75	8.1%	921	9.4%
Service Ships	117	1.4%	2	0.9%	50	5.4%	169	1.7%
Tugs	125	1.4%			12	1.3%	137	1.4%
Total	8,628	100%	230	100%	930	100%	9,788	100%

Source: Equasis - IACS membership on 31/12/2008

Table 30 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 0-4 years old, by type and class - 2008

Ship Type	IAC	S	Non 1	IACS	Class not i	recorded	Tota	ป
General Cargo Ships	7,233	2.9%	337	69.5%	1,069	9.2%	8,639	3.3%
Specialized Cargo Ships	141	0.1%	19	3.8%	70	0.6%	230	0.1%
Container Ships	58,836	23.2%	34	7.1%	3,708	31.9%	62,579	23.6%
Ro-Ro Cargo Ships	12,336	4.9%			159	1.4%	12,495	4.7%
Bulk Carriers	60,794	24.0%	14	3.0%	1,239	10.7%	62,048	23.4%
Oil and Chemical Tankers	84,444	33.4%	25	5.2%	2,340	20.1%	86,809	32.7%
Gas Tankers	18,105	7.2%			1,512	13.0%	19,617	7.4%
Other Tankers	130	0.1%	5	1.0%	12	0.1%	147	0.1%
Passenger Ships	5,946	2.3%	47	9.6%	408	3.5%	6,401	2.4%
Offshore Vessels	4,058	1.6%	2	0.5%	890	7.7%	4,950	1.9%
Service Ships	945	0.4%	2	0.4%	201	1.7%	1,148	0.4%
Tugs	158	0.1%			9	0.1%	168	0.1%
Total	253,125	100%	485	100%	11,619	100%	265,229	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 29 - World fleet GT≥500: total number of 0-4 years old ships, by class – 2008



Graph 30 - World fleet GT≥500: gross tonnage of 0-4 years old of ships, by class – 2008



0-4 YEARS OLD MEDIUM SHIPS

Ship Type	IAC	s	Non	IACS	Class not r	ecorded	Tota	
General Cargo Ships	1,131	23.7%	173	75.2%	327	40.3%	1,631	28.1%
Specialized Cargo Ships	12	0.3%	1	0.4%	6	0.7%	19	0.3%
Container Ships	598	12.5%	9	3.9%	80	9.9%	687	11.8%
Ro-Ro Cargo Ships	54	1.1%			4	0.5%	58	1.0%
Bulk Carriers	353	7.4%	1	0.4%	39	4.8%	393	6.8%
Oil and Chemical Tankers	1,282	26.9%	11	4.8%	134	16.5%	1,427	24.6%
Gas Tankers	143	3.0%			10	1.2%	153	2.6%
Other Tankers	20	0.4%	2	0.9%	5	0.6%	27	0.5%
Passenger Ships	118	2.5%	28	12.2%	79	9.7%	225	3.9%
Offshore Vessels	822	17.2%	3	1.3%	67	8.3%	892	15.4%
Service Ships	112	2.3%	2	0.9%	48	5.9%	162	2.8%
Tugs	125	2.6%			12	1.5%	137	2.4%
Total	4,770	100%	230	100%	811	100%	5,811	100%

Table 31 - Total number of 0-4 years old medium⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 32 - Gross tonnage (in 1000 t) of 0-4 years old medium⁽¹⁾ ships, by type and class – 2008

Ship Type	IAC	S	Non 1	ACS	Class not	recorded	Tota	ıl
General Cargo Ships	6,470	17.8%	337	69.5%	1,069	31.3%	7,876	19.6%
Specialized Cargo Ships	141	0.4%	19	3.8%	70	2.1%	230	0.6%
Container Ships	7,413	20.4%	34	7.1%	840	24.6%	8,287	20.6%
Ro-Ro Cargo Ships	726	2.0%			29	0.9%	756	1.9%
Bulk Carriers	5,494	15.2%	14	3.0%	266	7.8%	5,775	14.4%
Oil and Chemical Tankers	11,412	31.5%	25	5.2%	423	12.4%	11,861	29.5%
Gas Tankers	1,034	2.9%			39	1.2%	1,073	2.7%
Other Tankers	97	0.3%	5	1.0%	12	0.4%	114	0.3%
Passenger Ships	589	1.6%	47	9.6%	408	12.0%	1,044	2.6%
Offshore Vessels	2,003	5.5%	2	0.5%	115	3.4%	2,120	5.3%
Service Ships	726	2.0%	2	0.4%	129	3.8%	857	2.1%
Tugs	158	0.4%			9	0.3%	168	0.4%
Total	36,264	100%	485	100%	3,411	100%	40,160	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 31 - Total number of 0-4 years old medium ships, by class – 2008







0-4 YEARS OLD LARGE SHIPS

Ship Type	IAC	s	Non IA	CS	Class not r	recorded	Total	
General Cargo Ships	24	0.9%					24	0.9%
Specialized Cargo Ships								
Container Ships	562	21.1%			26	38.8%	588	21.6%
Ro-Ro Cargo Ships	160	6.0%			2	3.0%	162	5.9%
Bulk Carriers	894	33.6%			13	19.4%	907	33.3%
Oil and Chemical Tankers	895	33.7%			20	29.9%	915	33.6%
Gas Tankers	67	2.5%			2	3.0%	69	2.5%
Other Tankers	1	0.0%					1	0.0%
Passenger Ships	40	1.5%					40	1.5%
Offshore Vessels	10	0.4%			2	3.0%	12	0.4%
Service Ships	5	0.2%			2	3.0%	7	0.3%
Tugs								
Total	2,658	100%	0	0%	67	100%	2,725	100%

Table 33 - Total number of 0-4 years old large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 34 - Gross tonnage (in 1000 t) of 0-4 years old large⁽¹⁾ ships, by type and class - 2008

Ship Type	IAC	s	Non	IACS	Class not	recorded	Tota	al
General Cargo Ships	763	0.8%					763	0.7%
Specialized Cargo Ships								
Container Ships	21,816	21.5%			867	34.6%	22,683	21.9%
Ro-Ro Cargo Ships	7,846	7.7%			69	2.8%	7,915	7.6%
Bulk Carriers	32,911	32.5%			510	20.4%	33,420	32.2%
Oil and Chemical Tankers	32,888	32.5%			806	32.2%	33,694	32.5%
Gas Tankers	2,923	2.9%			93	3.7%	3,016	2.9%
Other Tankers	33	0.0%					33	0.0%
Passenger Ships	1,436	1.4%					1,436	1.4%
Offshore Vessels	429	0.4%			85	3.4%	514	0.5%
Service Ships	219	0.2%		-	72	2.9%	291	0.3%
Tugs								
Total	101,263	100%	0	0%	2,502	100%	103,765	100%

Source: Equasis - IACS membership on 31/12/2008





Graph 34 - Gross tonnage of 0-4 years old large ships, by class – 2008



0-4 YEARS OLD VERY LARGE SHIPS

Ship Type	IAC	s	Non IA	s	Class not r	ecorded	Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	340	28.3%			20	38.5%	360	28.8%
Ro-Ro Cargo Ships	60	5.0%			1	1.9%	61	4.9%
Bulk Carriers	237	19.8%			5	9.6%	242	19.3%
Oil and Chemical Tankers	381	31.8%			10	19.2%	391	31.2%
Gas Tankers	133	11.1%			10	19.2%	143	11.4%
Other Tankers								
Passenger Ships	38	3.2%					38	3.0%
Offshore Vessels	11	0.9%			6	11.5%	17	1.4%
Service Ships								
Tugs								
Total	1,200	100%	0	0%	52	100%	1,252	100%

Table 35 - Total number of 0-4 years old very large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 36 - Gross tonnage (in 1000 t) of 0-4 years old very large⁽¹⁾ ships, by type and class - 2008

Ship Type	IAC	S	Non	IACS	Class not i	recorded	Tota	al
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	29,607	25.6%			2,001	35.1%	31,608	26.1%
Ro-Ro Cargo Ships	3,764	3.3%			60	1.1%	3,824	3.2%
Bulk Carriers	22,389	19.4%			463	8.1%	22,853	18.8%
Oil and Chemical Tankers	40,144	34.7%			1,111	19.5%	41,255	34.0%
Gas Tankers	14,148	12.2%			1,379	24.2%	15,528	12.8%
Other Tankers				-				
Passenger Ships	3,921	3.4%		-			3,921	3.2%
Offshore Vessels	1,625	1.4%			690	12.1%	2,316	1.9%
Service Ships								
Tugs								
Total	115,598	100%	0	0%	5,705	100%	121,304	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 35 - Total number of 0-4 years old very large ships, by class – 2008



Graph 36 - Gross tonnage of 0-4 years old very large ships, by class – 2008



5-14 YEARS OLD SHIPS

Ship Type	IAC	s	Non	IACS	Class not r	ecorded	Total	
General Cargo Ships	1,852	17.7%	59	46.8%	272	29.4%	2,183	22.3%
Specialized Cargo Ships	29	0.3%			1	0.1%	30	0.3%
Container Ships	1,847	17.7%	10	7.9%	18	1.9%	1,875	19.2%
Ro-Ro Cargo Ships	380	3.6%	1	0.8%	22	2.4%	403	4.1%
Bulk Carriers	2,191	20.9%	5	4.0%	56	6.1%	2,252	23.0%
Oil and Chemical Tankers	2,293	21.9%	18	14.3%	110	11.9%	2,421	24.7%
Gas Tankers	381	3.6%			13	1.4%	394	4.0%
Other Tankers	33	0.3%	1	0.8%	3	0.3%	37	0.4%
Passenger Ships	493	4.7%	24	19.0%	263	28.5%	780	8.0%
Offshore Vessels	596	5.7%			37	4.0%	633	6.5%
Service Ships	251	2.4%	7	5.6%	117	12.7%	375	3.8%
Tugs	113	1.1%	1	0.8%	12	1.3%	126	1.3%
Total	10,459	100%	126	100%	924	100%	11,509	118%

Table 37 - World fleet GT≥500: total number of 5-14 years old ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 38 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 5-14 years old, by type and class - 2008

Ship Type	IAC	S	Non 1	IACS	Class not i	recorded	Tota	al
General Cargo Ships	12,951	4.7%	98	28.6%	382	12.0%	13,432	4.8%
Specialized Cargo Ships	340	0.1%			1	0.0%	341	0.1%
Container Ships	52,296	18.8%	66	19.2%	109	3.4%	52,471	18.7%
Ro-Ro Cargo Ships	11,312	4.1%	2	0.4%	92	2.9%	11,405	4.1%
Bulk Carriers	78,576	28.3%	85	24.7%	256	8.0%	78,917	28.1%
Oil and Chemical Tankers	92,948	33.5%	29	8.6%	180	5.6%	93,158	33.1%
Gas Tankers	10,843	3.9%			14	0.4%	10,857	3.9%
Other Tankers	210	0.1%	1	0.3%	2	0.1%	213	0.1%
Passenger Ships	11,638	4.2%	50	14.5%	934	29.2%	12,622	4.5%
Offshore Vessels	3,822	1.4%			830	26.0%	4,652	1.7%
Service Ships	2,608	0.9%	11	3.2%	383	12.0%	3,002	1.1%
Tugs	115	0.0%	1	0.4%	13	0.4%	129	0.0%
Total	277,660	100%	343	100%	3,195	100%	281,198	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 37 - World fleet GT≥500: total number of 5-14 years old ships, by class – 2008



Graph 38 - World fleet GT≥500: gross tonnage of 5-14 years old of ships, by class - 2008



5-14 YEARS OLD MEDIUM SHIPS

Ship Type	IAC	s	Non	IACS	Class not r	recorded	Tota	
General Cargo Ships	1,769	27.8%	59	47.6%	272	29.9%	2,100	28.4%
Specialized Cargo Ships	26	0.4%			1	0.1%	27	0.4%
Container Ships	1,019	16.0%	10	8.1%	17	1.9%	1,046	14.1%
Ro-Ro Cargo Ships	207	3.2%	1	0.8%	22	2.4%	230	3.1%
Bulk Carriers	632	9.9%	3	2.4%	52	5.7%	687	9.3%
Oil and Chemical Tankers	1,203	18.9%	18	14.5%	110	12.1%	1,331	18.0%
Gas Tankers	266	4.2%			13	1.4%	279	3.8%
Other Tankers	30	0.5%	1	0.8%	3	0.3%	34	0.5%
Passenger Ships	317	5.0%	24	19.4%	263	28.9%	604	8.2%
Offshore Vessels	560	8.8%			28	3.1%	588	7.9%
Service Ships	230	3.6%	7	5.6%	116	12.8%	353	4.8%
Tugs	113	1.8%	1	0.8%	12	1.3%	126	1.7%
Total	6,372	100%	124	100%	909	100%	7,405	100%

Table 39 - Total number of 5-14 years old medium⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 40 - Gross tonnage (in 1000 t) of 5-14 years old medium⁽¹⁾ ships, by type and class - 2008

Ship Type	IAC	S	Non 1	IACS	Class not i	recorded	Tota	ıl
General Cargo Ships	10,391	20.2%	98	33.5%	382	17.2%	10,871	20.1%
Specialized Cargo Ships	220	0.4%			1	0.0%	221	0.4%
Container Ships	12,348	24.0%	66	22.6%	45	2.0%	12,458	23.0%
Ro-Ro Cargo Ships	2,568	5.0%	2	0.5%	92	4.1%	2,661	4.9%
Bulk Carriers	9,438	18.3%	34	11.7%	151	6.8%	9,623	17.8%
Oil and Chemical Tankers	10,009	19.4%	29	10.0%	180	8.1%	10,219	18.9%
Gas Tankers	1,602	3.1%			14	0.6%	1,616	3.0%
Other Tankers	115	0.2%	1	0.4%	2	0.1%	118	0.2%
Passenger Ships	2,000	3.9%	50	17.0%	934	42.0%	2,983	5.5%
Offshore Vessels	1,468	2.8%			62	2.8%	1,530	2.8%
Service Ships	1,281	2.5%	11	3.8%	346	15.6%	1,638	3.0%
Tugs	115	0.2%	1	0.5%	13	0.6%	129	0.2%
Total	51,555	100%	293	100%	2,222	100%	54,069	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 39 - Total number of 5-14 years old medium ships, by class – 2008



Graph 40 - Gross tonnage of 5-14 years old medium ships, by class – 2008



5-14 YEARS OLD LARGE SHIPS

Ship Type	IAC	s	Non 1	IACS	Class not r	ecorded	Total	
General Cargo Ships	83	2.9%					83	2.9%
Specialized Cargo Ships	3	0.1%					3	0.1%
Container Ships	571	20.0%					571	20.0%
Ro-Ro Cargo Ships	152	5.3%					152	5.3%
Bulk Carriers	1,245	43.7%	2	100.0%	4	50.0%	1,251	43.8%
Oil and Chemical Tankers	612	21.5%					612	21.4%
Gas Tankers	44	1.5%					44	1.5%
Other Tankers	3	0.1%					3	0.1%
Passenger Ships	112	3.9%					112	3.9%
Offshore Vessels	17	0.6%			3	37.5%	20	0.7%
Service Ships	6	0.2%			1	12.5%	7	0.2%
Tugs								
Total	2,848	100%	2	100%	8	100%	2,858	100%

Table 41 - Total number of 5-14 years old large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 42 - Gross tonnage (in 1000 t) of 5-14 years old large⁽¹⁾ ships, by type and class - 2008

Ship Type	IAC	S	Non 1	ACS	Class not i	recorded	Tota	al 👘
General Cargo Ships	2,561	2.4%					2,561	2.4%
Specialized Cargo Ships	120	0.1%					120	0.1%
Container Ships	21,457	20.3%					21,457	20.2%
Ro-Ro Cargo Ships	7,326	6.9%					7,326	6.9%
Bulk Carriers	42,405	40.1%	50	100.0%	105	4.2%	42,560	40.1%
Oil and Chemical Tankers	24,907	23.5%					24,907	23.5%
Gas Tankers	1,914	1.8%					1,914	1.8%
Other Tankers	95	0.1%					95	0.1%
Passenger Ships	3,970	3.8%					3,970	3.7%
Offshore Vessels	764	0.7%			159	6.3%	923	0.9%
Service Ships	260	0.2%			37	1.5%	297	0.3%
Tugs								
Total	105,777	100%	50	100%	301	12%	106,128	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 41 - Total number of 5-14 years old large ships, by class – 2008



Graph 42 - Gross tonnage of 5-14 years old large ships, by class – 2008



5-14 YEARS OLD VERY LARGE SHIPS

Ship Type	IAC	s	Non IACS		Class not r	recorded	Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	257	20.7%			1	14.3%	258	20.7%
Ro-Ro Cargo Ships	21	1.7%					21	1.7%
Bulk Carriers	314	25.3%					314	25.2%
Oil and Chemical Tankers	478	38.6%					478	38.4%
Gas Tankers	71	5.7%					71	5.7%
Other Tankers								
Passenger Ships	64	5.2%					64	5.1%
Offshore Vessels	19	1.5%			6	85.7%	25	2.0%
Service Ships	15	1.2%					15	1.2%
Tugs								
Total	1,239	100%	0	0%	7	100%	1,246	100%

Table 43 - Total number of 5-14 years old very large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 44 - Gross tonnage (in 1000 t) of 5-14 years old very large⁽¹⁾ ships, by type and class - 2008

Ship Type	IAC	s	Non IAC	S	Class not r	ecorded	Tota	al
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	18,491	15.4%			64	9.5%	18,555	15.3%
Ro-Ro Cargo Ships	1,418	1.2%					1,418	1.2%
Bulk Carriers	26,734	22.2%					26,734	22.1%
Oil and Chemical Tankers	58,032	48.2%					58,032	48.0%
Gas Tankers	7,326	6.1%					7,326	6.1%
Other Tankers								
Passenger Ships	5,669	4.7%					5,669	4.7%
Offshore Vessels	1,590	1.3%			609	90.5%	2,199	1.8%
Service Ships	1,067	0.9%					1,067	0.9%
Tugs								
Total	120,328	100%	0	0%	673	100%	121,001	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 43 - Total number of 5-14 years old very large ships, by class – 2008



Graph 44 - Gross tonnage of 5-14 years old very large ships, by class – 2008



15-24 YEARS OLD SHIPS

Ship Type	IAC	s	Non	IACS	Class not r	ecorded	Total	
General Cargo Ships	2,459	30.2%	222	56.6%	699	38.7%	3,380	32.7%
Specialized Cargo Ships	43	0.5%	2	0.5%	4	0.2%	49	0.5%
Container Ships	701	8.6%	7	1.8%	12	0.7%	720	7.0%
Ro-Ro Cargo Ships	341	4.2%	11	2.8%	27	1.5%	379	3.7%
Bulk Carriers	1,481	18.2%	35	8.9%	183	10.1%	1,699	16.5%
Oil and Chemical Tankers	1,706	21.0%	46	11.7%	263	14.6%	2,015	19.5%
Gas Tankers	285	3.5%	4	1.0%	14	0.8%	303	2.9%
Other Tankers	40	0.5%	3	0.8%	11	0.6%	54	0.5%
Passenger Ships	332	4.1%	40	10.2%	318	17.6%	690	6.7%
Offshore Vessels	341	4.2%	2	0.5%	59	3.3%	402	3.9%
Service Ships	336	4.1%	10	2.6%	187	10.3%	533	5.2%
Tugs	64	0.8%	10	2.6%	30	1.7%	104	1.0%
Total	8,129	100%	392	100%	1,807	100%	10,328	100%

Table 45 - World fleet GT≥500: total number of 15-24 years old ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 46 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 15-24 years old, by type and class - 2008

Ship Type	IAC	S	Non IACS		Class not i	recorded	Tota	al
General Cargo Ships	13,938	9.1%	465	40.5%	1,521	22.5%	15,925	9.9%
Specialized Cargo Ships	938	0.6%	1	0.1%	41	0.6%	980	0.6%
Container Ships	17,665	11.5%	71	6.2%	127	1.9%	17,863	11.1%
Ro-Ro Cargo Ships	8,262	5.4%	109	9.5%	127	1.9%	8,498	5.3%
Bulk Carriers	52,444	34.2%	272	23.6%	2,419	35.8%	55,135	34.2%
Oil and Chemical Tankers	46,223	30.1%	77	6.7%	697	10.3%	46,997	29.1%
Gas Tankers	4,471	2.9%	7	0.6%	14	0.2%	4,492	2.8%
Other Tankers	143	0.1%	5	0.5%	10	0.2%	159	0.1%
Passenger Ships	5,282	3.4%	122	10.6%	850	12.6%	6,253	3.9%
Offshore Vessels	2,252	1.5%	3	0.3%	493	7.3%	2,749	1.7%
Service Ships	1,677	1.1%	10	0.8%	436	6.4%	2,123	1.3%
Tugs	66	0.0%	7	0.6%	31	0.5%	104	0.1%
Total	153,361	100%	1,150	100%	6,766	100%	161,277	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 45 - World fleet GT≥500: total number of 15-24 years old ships, by class – 2008



Graph 46 - World fleet GT≥500: gross tonnage of 15-24 years old of ships, by class – 2008



15-24 YEARS OLD MEDIUM SHIPS

Ship Type	IAC	s	Non	IACS	Class not r	ecorded	Tota	
General Cargo Ships	2,403	39.3%	222	56.6%	698	39.6%	3,323	40.2%
Specialized Cargo Ships	25	0.4%	2	0.5%	3	0.2%	30	0.4%
Container Ships	400	6.5%	7	1.8%	11	0.6%	418	5.1%
Ro-Ro Cargo Ships	195	3.2%	11	2.8%	27	1.5%	233	2.8%
Bulk Carriers	734	12.0%	35	8.9%	152	8.6%	921	11.1%
Oil and Chemical Tankers	1,131	18.5%	46	11.7%	259	14.7%	1,436	17.4%
Gas Tankers	230	3.8%	4	1.0%	14	0.8%	248	3.0%
Other Tankers	40	0.7%	3	0.8%	11	0.6%	54	0.7%
Passenger Ships	247	4.0%	40	10.2%	318	18.0%	605	7.3%
Offshore Vessels	321	5.2%	2	0.5%	53	3.0%	376	4.5%
Service Ships	325	5.3%	10	2.6%	187	10.6%	522	6.3%
Tugs	64	1.0%	10	2.6%	30	1.7%	104	1.3%
Total	6,115	100%	392	100%	1,763	100%	8,270	100%

Table 47 - Total number of 15-24 years old medium⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 48 - Gross tonnage (in 1000 t) of 15-24 years old medium⁽¹⁾ ships, by type and class - 2008

Ship Type	IACS		Non IACS		Class not i	recorded	Total	
General Cargo Ships	12,357	27.9%	465	40.5%	1,483	31.0%	14,305	28.5%
Specialized Cargo Ships	244	0.6%	1	0.1%	2	0.0%	248	0.5%
Container Ships	5,071	11.5%	71	6.2%	81	1.7%	5,223	10.4%
Ro-Ro Cargo Ships	1,807	4.1%	109	9.5%	127	2.7%	2,043	4.1%
Bulk Carriers	12,228	27.6%	272	23.6%	1,263	26.4%	13,763	27.4%
Oil and Chemical Tankers	7,393	16.7%	77	6.7%	399	8.3%	7,868	15.7%
Gas Tankers	1,197	2.7%	7	0.6%	14	0.3%	1,217	2.4%
Other Tankers	143	0.3%	5	0.5%	10	0.2%	159	0.3%
Passenger Ships	1,801	4.1%	122	10.6%	850	17.7%	2,773	5.5%
Offshore Vessels	684	1.5%	3	0.3%	93	1.9%	780	1.6%
Service Ships	1,272	2.9%	10	0.8%	436	9.1%	1,718	3.4%
Tugs	66	0.1%	7	0.6%	31	0.7%	104	0.2%
Total	44,263	100%	1,150	100%	4,788	100%	50,202	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 47 - Total number of 15-24 years old medium ships, by class – 2008



Graph 48 - Gross tonnage of 15-24 years old medium ships, by class – 2008



15-24 YEARS OLD LARGE SHIPS

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships	56	3.6%			1	2.6%	57	3.6%
Specialized Cargo Ships	17	1.1%			1	2.6%	18	1.1%
Container Ships	296	19.2%			1	2.6%	297	18.8%
Ro-Ro Cargo Ships	143	9.3%					143	9.1%
Bulk Carriers	509	33.1%			29	76.3%	538	34.1%
Oil and Chemical Tankers	383	24.9%			3	7.9%	386	24.5%
Gas Tankers	39	2.5%					39	2.5%
Other Tankers								
Passenger Ships	76	4.9%					76	4.8%
Offshore Vessels	8	0.5%			3	7.9%	11	0.7%
Service Ships	11	0.7%					11	0.7%
Tugs								
Total	1,538	100%	0	0%	38	100%	1,576	100%

Table 49 - Total number of 15-24 years old large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Ship Type	/pe IACS		Non IA	CS	Class not i	recorded	Total	
General Cargo Ships	1,581	2.6%			38	3.0%	1,620	2.6%
Specialized Cargo Ships	629	1.0%			38	3.0%	667	1.1%
Container Ships	12,284	20.5%			46	3.6%	12,331	20.1%
Ro-Ro Cargo Ships	6,256	10.4%					6,256	10.2%
Bulk Carriers	17,879	29.8%			891	69.8%	18,770	30.6%
Oil and Chemical Tankers	16,113	26.8%			148	11.6%	16,261	26.5%
Gas Tankers	1,695	2.8%					1,695	2.8%
Other Tankers								
Passenger Ships	2,844	4.7%					2,844	4.6%
Offshore Vessels	365	0.6%			114	8.9%	479	0.8%
Service Ships	405	0.7%					405	0.7%
Tugs								
Total	60,051	100%	0	0%	1,276	100%	61,326	100%

Table 50 - Gross tonnage (in 1000 t) of 15-24 years old large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Graph 49 - Total number of 15-24 years old large ships, by class – 2008







15-24 YEARS OLD VERY LARGE SHIPS

Ship Type	IACS		Non IACS		Class not recorded		Total	
General Cargo Ships								
Specialized Cargo Ships	1	0.2%					1	0.2%
Container Ships	5	1.1%					5	1.0%
Ro-Ro Cargo Ships	3	0.6%					3	0.6%
Bulk Carriers	238	50.0%			2	33.3%	240	49.8%
Oil and Chemical Tankers	192	40.3%			1	16.7%	193	40.0%
Gas Tankers	16	3.4%					16	3.3%
Other Tankers								
Passenger Ships	9	1.9%					9	1.9%
Offshore Vessels	12	2.5%			3	50.0%	15	3.1%
Service Ships								
Tugs								
Total	476	100%	0	0%	6	100%	482	100%

Table 51 - Total number of 15-24 years old very large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 52 - Gross tonnage (in 1000 t) of 15-24 years old very large⁽¹⁾ ships, by type and class - 2008

Ship Type	IACS		Non IACS		Class not r	ecorded	Total	
General Cargo Ships								
Specialized Cargo Ships	64	0.1%					64	0.1%
Container Ships	310	0.6%					310	0.6%
Ro-Ro Cargo Ships	200	0.4%					200	0.4%
Bulk Carriers	22,337	45.5%			265	37.8%	22,602	45.4%
Oil and Chemical Tankers	22,717	46.3%			150	21.4%	22,867	46.0%
Gas Tankers	1,580	3.2%					1,580	3.2%
Other Tankers								
Passenger Ships	637	1.3%					637	1.3%
Offshore Vessels	1,203	2.5%			287	40.8%	1,490	3.0%
Service Ships								
Tugs								
Total	49,047	100%	0	0%	702	100%	49,749	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 51 - Total number of 15-24 years old very large ships, by class – 2008






25+ YEARS OLD SHIPS

Ship Type	IAC	s	Non	IACS	Class not i	ecorded	Tota	
General Cargo Ships	2,331	29.5%	661	54.9%	3,601	46.3%	6,593	39.1%
Specialized Cargo Ships	85	1.1%	11	0.9%	41	0.5%	137	0.8%
Container Ships	312	3.9%	24	2.0%	75	1.0%	411	2.4%
Ro-Ro Cargo Ships	425	5.4%	19	1.6%	129	1.7%	573	3.4%
Bulk Carriers	1,181	15.0%	164	13.6%	518	6.7%	1,863	11.0%
Oil and Chemical Tankers	858	10.9%	142	11.8%	1,279	16.4%	2,279	13.5%
Gas Tankers	214	2.7%	6	0.5%	126	1.6%	346	2.0%
Other Tankers	55	0.7%	13	1.1%	46	0.6%	114	0.7%
Passenger Ships	457	5.8%	118	9.8%	651	8.4%	1,226	7.3%
Offshore Vessels	1,141	14.4%	22	1.8%	420	5.4%	1,583	9.4%
Service Ships	514	6.5%	17	1.4%	716	9.2%	1,247	7.4%
Tugs	326	4.1%	8	0.7%	176	2.3%	510	3.0%
Total	7,899	100%	1,205	100%	7,778	100%	16,882	100%

Table 53 - World fleet GT≥500: total number of 25+ years old ships, by type and class - 2008

Source: Equasis - IACS membership on 31/12/2008

Table 54 - World fleet GT≥500: gross tonnage (in 1000 t) of ships 25+ years old, by type and class - 2008

Ship Type	IAC	s	Non I	ACS	Class not i	recorded	Tot	al
General Cargo Ships	12,981	14.8%	1,926	36.9%	9,635	37.5%	24,542	20.7%
Specialized Cargo Ships	1,247	1.4%	23	0.4%	177	0.7%	1,448	1.2%
Container Ships	6,118	7.0%	133	2.6%	290	1.1%	6,541	5.5%
Ro-Ro Cargo Ships	8,154	9.3%	150	2.9%	468	1.8%	8,773	7.4%
Bulk Carriers	26,730	30.5%	1,937	37.2%	7,189	27.9%	35,856	30.2%
Oil and Chemical Tankers	10,527	12.0%	386	7.4%	3,549	13.8%	14,461	12.2%
Gas Tankers	5,710	6.5%	7	0.1%	158	0.6%	5,875	5.0%
Other Tankers	177	0.2%	21	0.4%	74	0.3%	272	0.2%
Passenger Ships	4,615	5.3%	501	9.6%	1,411	5.5%	6,527	5.5%
Offshore Vessels	8,738	10.0%	102	2.0%	1,025	4.0%	9,866	8.3%
Service Ships	2,403	2.7%	20	0.4%	1,611	6.3%	4,035	3.4%
Tugs	326	0.4%	7	0.1%	134	0.5%	467	0.4%
Total	87,726	100%	5,214	100%	25,722	100%	118,661	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 53 - World fleet GT≥500: total number of 25+ years old ships, by class – 2008



Graph 54 - World fleet GT≥500: gross tonnage of 25+ years old of ships, by class – 2008



25+ YEARS OLD MEDIUM SHIPS

Ship Type	IAC	s	Non	IACS	Class not r	ecorded	Tota	
General Cargo Ships	2,286	32.9%	661	55.1%	3,601	46.8%	6,548	41.3%
Specialized Cargo Ships	63	0.9%	11	0.9%	39	0.5%	113	0.7%
Container Ships	202	2.9%	24	2.0%	75	1.0%	301	1.9%
Ro-Ro Cargo Ships	289	4.2%	19	1.6%	128	1.7%	436	2.8%
Bulk Carriers	835	12.0%	160	13.3%	473	6.1%	1,468	9.3%
Oil and Chemical Tankers	765	11.0%	141	11.8%	1,260	16.4%	2,166	13.7%
Gas Tankers	136	2.0%	6	0.5%	126	1.6%	268	1.7%
Other Tankers	54	0.8%	13	1.1%	46	0.6%	113	0.7%
Passenger Ships	425	6.1%	118	9.8%	648	8.4%	1,191	7.5%
Offshore Vessels	1,070	15.4%	21	1.8%	414	5.4%	1,505	9.5%
Service Ships	499	7.2%	17	1.4%	714	9.3%	1,230	7.8%
Tugs	326	4.7%	8	0.7%	176	2.3%	510	3.2%
Total	6,950	100%	1,199	100%	7,700	100%	15,849	100%

Table 55 - Total number of 25+ years old medium⁽¹⁾ ships, by type and class - 2008

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Table 56 - Gross tonnage (in 1000 t) of 25+ years old medium⁽¹⁾ ships, by type and class - 2008

Ship Type	IAC	s	Non 1	ACS	Class not r	recorded	Tota	ıl
General Cargo Ships	11,719	27.5%	1,926	38.8%	9,635	42.9%	23,280	33.3%
Specialized Cargo Ships	493	1.2%	23	0.5%	108	0.5%	624	0.9%
Container Ships	2,470	5.8%	133	2.7%	290	1.3%	2,894	4.1%
Ro-Ro Cargo Ships	3,101	7.3%	150	3.0%	440	2.0%	3,692	5.3%
Bulk Carriers	11,935	28.0%	1,806	36.4%	5,555	24.7%	19,296	27.6%
Oil and Chemical Tankers	4,787	11.2%	339	6.8%	2,720	12.1%	7,845	11.2%
Gas Tankers	700	1.6%	7	0.1%	158	0.7%	865	1.2%
Other Tankers	147	0.3%	21	0.4%	74	0.3%	241	0.3%
Passenger Ships	3,597	8.5%	501	10.1%	1,307	5.8%	5,405	7.7%
Offshore Vessels	1,566	3.7%	27	0.5%	522	2.3%	2,115	3.0%
Service Ships	1,709	4.0%	20	0.4%	1,529	6.8%	3,258	4.7%
Tugs	326	0.8%	7	0.1%	134	0.6%	467	0.7%
Total	42,551	100%	4,960	100%	22,471	100%	69,983	100%

Graph 55 - Total number of 25+ years old medium ships, by class – 2008



Graph 56 - Gross tonnage of 25+ years old medium ships, by class – 2008



25+ YEARS OLD LARGE SHIPS

Ship Type	IAC	S	Non I	ACS	Class not r	ecorded	Total	
General Cargo Ships	45	5.9%					45	5.4%
Specialized Cargo Ships	22	2.9%			2	3.0%	24	2.9%
Container Ships	110	14.4%					110	13.2%
Ro-Ro Cargo Ships	136	17.8%			1	1.5%	137	16.4%
Bulk Carriers	294	38.4%	4	80.0%	42	63.6%	340	40.7%
Oil and Chemical Tankers	61	8.0%	1	20.0%	15	22.7%	77	9.2%
Gas Tankers	40	5.2%					40	4.8%
Other Tankers	1	0.1%					1	0.1%
Passenger Ships	31	4.1%			3	4.5%	34	4.1%
Offshore Vessels	13	1.7%			1	1.5%	14	1.7%
Service Ships	12	1.6%			2	3.0%	14	1.7%
Tugs								
Total	765	100%	5	100%	66	100%	836	100%

Table 57 - Total number of 25+ years old large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Ship Type	IAC	s	Non I	ACS	Class not i	recorded	Tota	al
General Cargo Ships	1,261	4.6%					1,261	4.3%
Specialized Cargo Ships	755	2.8%			69	3.0%	824	2.8%
Container Ships	3,647	13.4%					3,647	12.3%
Ro-Ro Cargo Ships	5,053	18.6%			28	1.2%	5,081	17.2%
Bulk Carriers	10,634	39.2%	131	73.5%	1,427	61.8%	12,192	41.2%
Oil and Chemical Tankers	2,143	7.9%	47	26.5%	547	23.7%	2,736	9.2%
Gas Tankers	1,649	6.1%					1,649	5.6%
Other Tankers	30	0.1%					30	0.1%
Passenger Ships	947	3.5%			105	4.5%	1,052	3.6%
Offshore Vessels	513	1.9%			52	2.3%	566	1.9%
Service Ships	498	1.8%			82	3.6%	580	2.0%
Tugs								
Total	27,131	100%	178	100%	2,310	100%	29,619	100%

Table 58 - Gross tonnage (in 1000 t) of 25+ years old large⁽¹⁾ ships, by type and class - 2008

Graph 57 - Total number of 25+ years old large ships, by class – 2008







25+ YEARS OLD VERY LARGE SHIPS

Ship Type	IAC	S	Non 1	IACS	Class not r	ecorded	Total	
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships								
Bulk Carriers	52	28.3%			3	25.0%	55	27.9%
Oil and Chemical Tankers	32	17.4%			4	33.3%	36	18.3%
Gas Tankers	38	20.7%					38	19.3%
Other Tankers								
Passenger Ships	1	0.5%					1	0.5%
Offshore Vessels	58	31.5%	1	100.0%	5	41.7%	64	32.5%
Service Ships	3	1.6%					3	1.5%
Tugs								
Total	184	100%	1	100%	12	100%	197	100%

Table 59 - Total number of 25+ years old very large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Ship Type	IAC	s	Non I	ACS	Class not r	ecorded	Tota	nl
General Cargo Ships								
Specialized Cargo Ships								
Container Ships								
Ro-Ro Cargo Ships								
Bulk Carriers	4,161	23.1%			206	21.9%	4,367	22.9%
Oil and Chemical Tankers	3,597	19.9%			282	30.0%	3,880	20.4%
Gas Tankers	3,361	18.6%					3,361	17.6%
Other Tankers								
Passenger Ships	70	0.4%					70	0.4%
Offshore Vessels	6,659	36.9%	75	100.0%	451	48.0%	7,185	37.7%
Service Ships	197	1.1%					197	1.0%
Tugs								
Total	18,044	100%	75	100%	940	100%	19,060	100%

Table 60 - Gross tonnage (in 1000 t) of 25+ years old very large⁽¹⁾ ships, by type and class - 2008

Graph 59 - Total number of 25+ years old very large ships, by class – 2008







3.3. CLASS STATUS AND FLAG

TARGETED FLAGS – WHOLE FLEET

Table 61 - World fleet GT≥500: total number of targeted flag ships, by type and class – 2008

Ship Type	IACS	5	Non IA	CS	Class not r	ecorded	Tota	
General Cargo Ships	4,029	27.2%	988	61.9%	2,953	51.1%	7,970	35.9%
Specialized Cargo Ships	52	0.4%	13	0.8%	31	0.5%	96	0.4%
Container Ships	1,228	8.3%	43	2.7%	98	1.7%	1,369	6.2%
Ro-Ro Cargo Ships	789	5.3%	17	1.1%	118	2.0%	924	4.2%
Bulk Carriers	3,411	23.0%	159	10.0%	389	6.7%	3,959	17.9%
Oil and Chemical Tankers	2,819	19.0%	171	10.7%	980	17.0%	3,970	17.9%
Gas Tankers	510	3.4%	9	0.6%	101	1.7%	620	2.8%
Other Tankers	77	0.5%	17	1.1%	36	0.6%	130	0.6%
Passenger Ships	578	3.9%	120	7.5%	465	8.1%	1,163	5.2%
Offshore Vessels	780	5.3%	20	1.3%	186	3.2%	986	4.4%
Service Ships	355	2.4%	25	1.6%	354	6.1%	734	3.3%
Tugs	173	1.2%	13	0.8%	64	1.1%	250	1.1%
Total	14,801	100%	1,595	100%	5,775	100%	22,171	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Table 62 - World fleet GT≥500: gross tonnage (in 1000 t) of targeted flagships, by type and class – 2008

Ship Type	IACS	5	Non IA	ACS	Class not r	ecorded	Tota	ıl 👘
General Cargo Ships	24,849	7.7%	2,536	44.7%	7,197	34.5%	34,583	9.9%
Specialized Cargo Ships	893	0.3%	43	0.8%	156	0.7%	1,091	0.3%
Container Ships	39,420	12.2%	232	4.1%	1,389	6.7%	41,041	11.8%
Ro-Ro Cargo Ships	22,563	7.0%	130	2.3%	514	2.5%	23,208	6.7%
Bulk Carriers	113,910	35.3%	1,712	30.2%	4,236	20.3%	119,858	34.3%
Oil and Chemical Tankers	82,255	25.5%	448	7.9%	3,038	14.6%	85,741	24.6%
Gas Tankers	14,293	4.4%	12	0.2%	922	4.4%	15,227	4.4%
Other Tankers	190	0.1%	29	0.5%	60	0.3%	279	0.1%
Passenger Ships	14,458	4.5%	393	6.9%	1,830	8.8%	16,681	4.8%
Offshore Vessels	7,880	2.4%	101	1.8%	738	3.5%	8,719	2.5%
Service Ships	1,500	0.5%	30	0.5%	729	3.5%	2,259	0.6%
Tugs	201	0.1%	10	0.2%	69	0.3%	279	0.1%
Total	322,411	100%	5,676	100%	20,879	100%	348,967	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Graph 61 - Total number of targeted flag ships GT \geq 500, by class – 2008



Graph 62 - Gross tonnage of targeted flag ships GT \geq 500, by class – 2008



TARGETED FLAGS – MEDIUM SHIPS

Ship Type	IAC	5	Non IA	CS	Class not r	ecorded	Tota	d i
General Cargo Ships	3,917	37.7%	988	62.2%	2,952	51.9%	7,857	44.5%
Specialized Cargo Ships	32	0.3%	13	0.8%	29	0.5%	74	0.4%
Container Ships	629	6.1%	43	2.7%	86	1.5%	758	4.3%
Ro-Ro Cargo Ships	402	3.9%	17	1.1%	116	2.0%	535	3.0%
Bulk Carriers	1,518	14.6%	154	9.7%	354	6.2%	2,026	11.5%
Oil and Chemical Tankers	1,846	17.8%	170	10.7%	959	16.9%	2,975	16.8%
Gas Tankers	344	3.3%	9	0.6%	93	1.6%	446	2.5%
Other Tankers	77	0.7%	17	1.1%	36	0.6%	130	0.7%
Passenger Ships	384	3.7%	120	7.6%	465	8.2%	969	5.5%
Offshore Vessels	708	6.8%	19	1.2%	181	3.2%	908	5.1%
Service Ships	353	3.4%	25	1.6%	354	6.2%	732	4.1%
Tugs	173	1.7%	13	0.8%	64	1.1%	250	1.4%
Total	10,383	100%	1,588	100%	5,689	100%	17,660	100%

Table 63 - Total number of targeted flag medium⁽¹⁾ ships, by type and class – 2008

Source: Equasis - ⁽¹⁾ 500 GT<25.000 - IACS membership on 31/12/2008

Table 64 - Gross tonnage (in 1000 t) of targeted flag medium⁽¹⁾ ships, by type and class – 2008

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	ıl
General Cargo Ships	21,604	28.2%	2,536	46.9%	7,159	44.4%	31,299	31.9%
Specialized Cargo Ships	210	0.3%	43	0.8%	87	0.5%	340	0.3%
Container Ships	7,775	10.2%	232	4.3%	406	2.5%	8,413	8.6%
Ro-Ro Cargo Ships	4,074	5.3%	130	2.4%	458	2.8%	4,662	4.8%
Bulk Carriers	22,535	29.4%	1,562	28.9%	2,879	17.9%	26,976	27.5%
Oil and Chemical Tankers	12,676	16.6%	401	7.4%	2,091	13.0%	15,168	15.5%
Gas Tankers	1,385	1.8%	12	0.2%	110	0.7%	1,507	1.5%
Other Tankers	190	0.2%	29	0.5%	60	0.4%	279	0.3%
Passenger Ships	3,104	4.1%	393	7.3%	1,830	11.3%	5,327	5.4%
Offshore Vessels	1,372	1.8%	25	0.5%	249	1.5%	1,647	1.7%
Service Ships	1,438	1.9%	30	0.6%	729	4.5%	2,196	2.2%
Tugs	201	0.3%	10	0.2%	69	0.4%	279	0.3%
Total	76,564	100%	5,403	100%	16,127	100%	98,095	100%

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Graph 63 - Total number of targeted flag medium ships, by class – 2008







TARGETED FLAGS – LARGE SHIPS

Ship Type	IACS	5	Non IA	CS	Class not r	ecorded	Tota	ıl
General Cargo Ships	112	3.5%			1	1.6%	113	3.5%
Specialized Cargo Ships	20	0.6%			2	3.2%	22	0.7%
Container Ships	404	12.7%			4	6.5%	408	12.6%
Ro-Ro Cargo Ships	344	10.8%			2	3.2%	346	10.7%
Bulk Carriers	1,471	46.3%	5	83.3%	33	53.2%	1,509	46.5%
Oil and Chemical Tankers	610	19.2%	1	16.7%	17	27.4%	628	19.3%
Gas Tankers	76	2.4%			2	3.2%	78	2.4%
Other Tankers								
Passenger Ships	118	3.7%					118	3.6%
Offshore Vessels	22	0.7%			1	1.6%	23	0.7%
Service Ships	2	0.1%					2	0.1%
Tugs								
Total	3,179	100%	6	100%	62	100%	3,247	100%

Table 65 - Total number of targeted flag large⁽¹⁾ ships, by type and class – 2008

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Table 66 - Gross tonnage (in 1000 t) of targeted flag large⁽¹⁾ ships, by type and class – 2008

Ship Type	IACS	5	Non IA	CS	Class not re	ecorded	Tota	I
General Cargo Ships	3,245	2.7%			38	1.7%	3,283	2.6%
Specialized Cargo Ships	683	0.6%			69	3.1%	751	0.6%
Container Ships	16,350	13.4%			170	7.6%	16,520	13.3%
Ro-Ro Cargo Ships	15,800	13.0%			56	2.5%	15,857	12.8%
Bulk Carriers	52,993	43.5%	151	76.1%	1,172	52.6%	54,316	43.8%
Oil and Chemical Tankers	24,088	19.8%	47	23.9%	601	27.0%	24,736	19.9%
Gas Tankers	3,323	2.7%			93	4.2%	3,416	2.8%
Other Tankers								
Passenger Ships	4,251	3.5%					4,251	3.4%
Offshore Vessels	889	0.7%			28	1.2%	917	0.7%
Service Ships	63	0.1%					63	0.1%
Tugs								
Total	121,685	100%	198	100%	2,227	100%	124,110	100%

Graph 65 - Total number of targeted flag large ships, by class – 2008



Graph 66 - Gross tonnage of targeted flag large ships, by class – 2008



TARGETED FLAGS – VERY LARGE SHIPS

Ship Type	IAC	5	Non I/	ACS	Class not recorded To		Tota	otal	
General Cargo Ships									
Specialized Cargo Ships									
Container Ships	195	15.7%			8	33.3%	203	16.1%	
Ro-Ro Cargo Ships	43	3.5%					43	3.4%	
Bulk Carriers	422	34.1%			2	8.3%	424	33.5%	
Oil and Chemical Tankers	363	29.3%			4	16.7%	367	29.0%	
Gas Tankers	90	7.3%			6	25.0%	96	7.6%	
Other Tankers									
Passenger Ships	76	6.1%					76	6.0%	
Offshore Vessels	50	4.0%	1	100.0%	4	16.7%	55	4.4%	
Service Ships									
Tugs									
Total	1,239	100%	1	100%	24	100%	1,264	100%	

Table 67 - Total number of targeted flag very large⁽¹⁾ ships, by type and class – 2008

Source: Equasis - ⁽¹⁾ GT 60.000 - IACS membership on 31/12/2008

Table 68 - Gross tonnage (in 1000 t) of targeted flag very large⁽¹⁾ ships, by type and class – 2008

Ship Type	IACS	5	Non I/	ACS	Class not re	ecorded	Tota	I.
General Cargo Ships								
Specialized Cargo Ships								
Container Ships	15,295	12.3%			813	32.2%	16,108	12.7%
Ro-Ro Cargo Ships	2,689	2.2%					2,689	2.1%
Bulk Carriers	38,381	30.9%			185	7.3%	38,566	30.4%
Oil and Chemical Tankers	45,491	36.6%			346	13.7%	45,837	36.2%
Gas Tankers	9,585	7.7%			719	28.5%	10,304	8.1%
Other Tankers								
Passenger Ships	7,103	5.7%					7,103	5.6%
Offshore Vessels	5,618	4.5%	75	100.0%	462	18.3%	6,155	4.9%
Service Ships								
Tugs								
Total	124,162	100%	75	100%	2,525	100%	126,762	100%

Source: Equasis - ⁽¹⁾ GT 60.000 - IACS membership on 31/12/2008

Graph 67 - Total number of targeted flag very large ships, by class – 2008



Graph 68 - Gross tonnage of targeted flag very large ships, by class – 2008



NON TARGETED FLAGS – WORLD FLEET GT≥500

Ship Type	IAC	5	Non IA	ACS	Class not r	ecorded	Tota	I
General Cargo Ships	3,768	18.5%	127	35.5%	1,946	34.4%	5,841	22.2%
Specialized Cargo Ships	117	0.6%	1	0.3%	21	0.4%	139	0.5%
Container Ships	3,132	15.4%	7	2.0%	133	2.3%	3,272	12.4%
Ro-Ro Cargo Ships	631	3.1%	14	3.9%	67	1.2%	712	2.7%
Bulk Carriers	2,926	14.4%	46	12.8%	425	7.5%	3,397	12.9%
Oil and Chemical Tankers	4,596	22.6%	46	12.8%	836	14.8%	5,478	20.8%
Gas Tankers	713	3.5%	1	0.3%	74	1.3%	788	3.0%
Other Tankers	72	0.4%	2	0.6%	29	0.5%	103	0.4%
Passenger Ships	900	4.4%	90	25.1%	846	14.9%	1,836	7.0%
Offshore Vessels	2,141	10.5%	7	2.0%	405	7.2%	2,553	9.7%
Service Ships	863	4.2%	11	3.1%	716	12.6%	1,590	6.0%
Tugs	455	2.2%	6	1.7%	166	2.9%	627	2.4%
Total	20,314	100%	358	100%	5,664	100%	26,336	100%

Table 69 - World fleet GT≥500: total number of non targeted flag ships, by type and class – 2008

Source: Equasis - IACS membership on 31/12/2008

Table 70 - Gross tonnage (in 1000 t) of non targeted flag ships, by type class and class - 2008

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	d 👘
General Cargo Ships	22,254	5.0%	290	19.2%	5,410	20.5%	27,954	5.9%
Specialized Cargo Ships	1,773	0.4%	1	0.1%	133	0.5%	1,907	0.4%
Container Ships	95,495	21.2%	72	4.8%	2,846	10.8%	98,413	20.6%
Ro-Ro Cargo Ships	17,501	3.9%	131	8.7%	331	1.3%	17,963	3.8%
Bulk Carriers	104,635	23.3%	595	39.3%	6,868	26.0%	112,098	23.5%
Oil and Chemical Tankers	151,887	33.8%	69	4.6%	3,728	14.1%	155,684	32.6%
Gas Tankers	24,836	5.5%	1	0.1%	775	2.9%	25,613	5.4%
Other Tankers	470	0.1%	3	0.2%	38	0.1%	511	0.1%
Passenger Ships	13,023	2.9%	326	21.5%	1,773	6.7%	15,121	3.2%
Offshore Vessels	10,991	2.4%	7	0.5%	2,500	9.5%	13,497	2.8%
Service Ships	6,133	1.4%	13	0.9%	1,903	7.2%	8,049	1.7%
Tugs	464	0.1%	6	0.4%	119	0.5%	589	0.1%
Total	449,461	100%	1,515	100%	26,423	100%	477,399	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 69 - Total number of non targeted flag ships GT≥500, by class – 2008



Graph 70 - Gross tonnage of non targeted flag ships $GT \ge 500$, by class – 2008



NON TARGETED FLAGS - MEDIUM SHIPS

Ship Type	IAC	5	Non IA	ACS	Class not r	ecorded	Tota	d 👘
General Cargo Ships	3,672	26.6%	127	35.6%	1,946	35.4%	5,745	29.2%
Specialized Cargo Ships	94	0.7%	1	0.3%	20	0.4%	115	0.6%
Container Ships	1,590	11.5%	7	2.0%	97	1.8%	1,694	8.6%
Ro-Ro Cargo Ships	343	2.5%	14	3.9%	65	1.2%	422	2.1%
Bulk Carriers	1,036	7.5%	45	12.6%	362	6.6%	1,443	7.3%
Oil and Chemical Tankers	2,535	18.3%	46	12.9%	804	14.6%	3,385	17.2%
Gas Tankers	431	3.1%	1	0.3%	70	1.3%	502	2.6%
Other Tankers	67	0.5%	2	0.6%	29	0.5%	98	0.5%
Passenger Ships	723	5.2%	90	25.2%	843	15.3%	1,656	8.4%
Offshore Vessels	2,065	14.9%	7	2.0%	381	6.9%	2,453	12.5%
Service Ships	813	5.9%	11	3.1%	711	12.9%	1,535	7.8%
Tugs	455	3.3%	6	1.7%	166	3.0%	627	3.2%
Total	13,824	100%	357	100%	5,494	100%	19,675	100%

Table 71 - Total number of non targeted flag medium⁽¹⁾ ships, by type and class – 2008

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Table 72 - Gross tonnage (in 1000 t) of non targeted flag medium⁽¹⁾ ships, by type and class - 2008

Ship Type	IAC	5	Non I/	ACS	Class not r	ecorded	Tota	il
General Cargo Ships	19,333	19.7%	290	19.6%	5,410	32.3%	25,033	21.5%
Specialized Cargo Ships	888	0.9%	1	0.1%	95	0.6%	984	0.8%
Container Ships	19,527	19.9%	72	4.9%	850	5.1%	20,449	17.6%
Ro-Ro Cargo Ships	4,129	4.2%	131	8.8%	230	1.4%	4,489	3.9%
Bulk Carriers	16,559	16.9%	565	38.0%	4,357	26.0%	21,481	18.5%
Oil and Chemical Tankers	20,925	21.3%	69	4.7%	1,630	9.7%	22,625	19.5%
Gas Tankers	3,148	3.2%	1	0.1%	115	0.7%	3,264	2.8%
Other Tankers	312	0.3%	3	0.2%	38	0.2%	353	0.3%
Passenger Ships	4,884	5.0%	326	22.0%	1,668	9.9%	6,878	5.9%
Offshore Vessels	4,349	4.4%	7	0.5%	542	3.2%	4,898	4.2%
Service Ships	3,550	3.6%	13	0.9%	1,712	10.2%	5,275	4.5%
Tugs	464	0.5%	6	0.4%	119	0.7%	589	0.5%
Total	98,068	100%	1,485	100%	16,766	100%	116,319	100%

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Graph 71 - Total number of non targeted flag medium ships, by class – 2008



Graph 72 - Gross tonnage of non targeted flag medium ships, by class – 2008



NON TARGETED FLAGS - LARGE SHIPS

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	I
General Cargo Ships	96	2.1%					96	2.0%
Specialized Cargo Ships	22	0.5%			1	0.9%	23	0.5%
Container Ships	1,135	24.5%			23	19.7%	1,158	24.4%
Ro-Ro Cargo Ships	247	5.3%			1	0.9%	248	5.2%
Bulk Carriers	1,471	31.8%	1	100.0%	55	47.0%	1,527	32.2%
Oil and Chemical Tankers	1,341	29.0%			21	17.9%	1,362	28.7%
Gas Tankers	114	2.5%					114	2.4%
Other Tankers	5	0.1%					5	0.1%
Passenger Ships	141	3.0%			3	2.6%	144	3.0%
Offshore Vessels	26	0.6%			8	6.8%	34	0.7%
Service Ships	32	0.7%			5	4.3%	37	0.8%
Tugs								
Total	4,630	100%	1	100%	117	100%	4,748	100%

Table 73 - Total number of non targeted flag large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Table 74 - Gross tonnage (in 1000 t) of non targeted flag large⁽¹⁾ ships, by type and class - 2008

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	il 👘
General Cargo Ships	2,921	1.7%					2,921	1.7%
Specialized Cargo Ships	821	0.5%			39	0.9%	859	0.5%
Container Ships	42,855	24.8%			743	17.9%	43,598	24.7%
Ro-Ro Cargo Ships	10,680	6.2%			41	1.0%	10,721	6.1%
Bulk Carriers	50,836	29.5%	31	100.0%	1,761	42.3%	52,627	29.8%
Oil and Chemical Tankers	51,962	30.1%			900	21.6%	52,862	29.9%
Gas Tankers	4,858	2.8%					4,858	2.7%
Other Tankers	158	0.1%					158	0.1%
Passenger Ships	4,945	2.9%			105	2.5%	5,050	2.9%
Offshore Vessels	1,182	0.7%			382	9.2%	1,565	0.9%
Service Ships	1,319	0.8%			191	4.6%	1,510	0.9%
Tugs								
Total	172,537	100%	31	100%	4,161	100%	176,729	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Graph 73 - Total number of non targeted flag large ships, by class – 2008



Graph 74 - Gross tonnage of non targeted flag large ships, by class – 2008



NON TARGETED FLAGS - VERY LARGE SHIPS

Ship Type	IACS	5	Non IACS	Class not r	ecorded	Tota	I
General Cargo Ships							
Specialized Cargo Ships	1	0.1%				1	0.1%
Container Ships	407	21.9%		13	24.5%	420	22.0%
Ro-Ro Cargo Ships	41	2.2%		1	1.9%	42	2.2%
Bulk Carriers	419	22.5%		8	15.1%	427	22.3%
Oil and Chemical Tankers	720	38.7%		11	20.8%	731	38.2%
Gas Tankers	168	9.0%		4	7.5%	172	9.0%
Other Tankers							
Passenger Ships	36	1.9%				36	1.9%
Offshore Vessels	50	2.7%		16	30.2%	66	3.5%
Service Ships	18	1.0%				18	0.9%
Tugs							
Total	1,860	100%	0 (0% 53	100%	1,913	100%

Table 75 - Total number of non targeted flag very large⁽¹⁾ ships, by type and class - 2008

Source: Equasis - ⁽¹⁾ GT 60.000 - IACS membership on 31/12/2008

Table 76 - Gross tonnage (in 1000 t) of non targeted flag very large⁽¹⁾ ships, by type and class - 2008

Ship Type	IACS	5	Non IAC	s	Class not r	ecorded	Tota	I
General Cargo Ships								
Specialized Cargo Ships	64	0.0%					64	0.0%
Container Ships	33,113	18.5%			1,252	22.8%	34,365	18.6%
Ro-Ro Cargo Ships	2,692	1.5%			60	1.1%	2,752	1.5%
Bulk Carriers	37,239	20.8%			750	13.7%	37,990	20.6%
Oil and Chemical Tankers	79,000	44.2%			1,197	21.8%	80,197	43.5%
Gas Tankers	16,830	9.4%			660	12.0%	17,490	9.5%
Other Tankers								
Passenger Ships	3,194	1.8%					3,194	1.7%
Offshore Vessels	5,459	3.1%			1,576	28.7%	7,035	3.8%
Service Ships	1,264	0.7%					1,264	0.7%
Tugs								
Total	178,856	100%	0	0%	5,496	100%	184,352	100%

Source: Equasis - (1) GT 60.000 - IACS membership on 31/12/2008

Graph 75 - Total number of non targeted flag very large ships, by class – 2008



Graph 76 - Gross tonnage of non targeted flag very large ships under non targeted flag, by class – 2008



3.4. SAFETY PERFORMANCE

WORLD FLEET GT≥500

Table 77 - World fleet GT≥500 detention rates^(*), by type and class – 2008

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	4,57%	14,69%	14,23%	6,93%
Specialized Cargo Ships	3,54%	22,22%	20,69%	4,76%
Container Ships	1,36%	10,47%	13,51%	1,56%
Ro-Ro Cargo Ships	2,58%	8,91%	15,15%	2,90%
Bulk Carriers	3,13%	8,87%	12,56%	3,66%
Oil and Chemical Tankers	1,94%	12,72%	16,25%	2,30%
Gas Tankers	1,63%	16,67%	17,07%	1,89%
Other Tankers	4,36%	30,30%	23,40%	7,25%
Passenger Ships	1,69%	8,65%	8,38%	2,14%
Offshore Vessels	4,23%	0,00%	32,81%	5,42%
Service Ships	2,56%	0,00%	16,71%	6,49%
Tugs	5,47%	14,29%	0,00%	5,38%
Total	3,03%	12,82%	14,21%	4,27%

Source: Equasis - IACS membership on 31/12/2008 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

MEDIUM SHIPS

Table 78 - Medium⁽¹⁾ ships detention rates^(*), by type and class - 2008

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	4,72%	14,69%	14,23%	7,12%
Specialized Cargo Ships	3,41%	22,22%	22,73%	4,95%
Container Ships	1,80%	10,47%	15,50%	2,25%
Ro-Ro Cargo Ships	4,38%	8,91%	15,15%	5,01%
Bulk Carriers	4,01%	8,89%	12,70%	4,99%
Oil and Chemical Tankers	2,89%	12,72%	16,63%	3,50%
Gas Tankers	2,27%	16,67%	17,95%	2,66%
Other Tankers	4,65%	30,30%	23,40%	7,65%
Passenger Ships	2,90%	8,65%	8,38%	3,61%
Offshore Vessels	4,24%	0,00%	32,81%	5,45%
Service Ships	2,59%	0,00%	16,75%	6,54%
Tugs	5,47%	14,29%	0,00%	5,38%
Total	3,90%	12,89%	14,28%	5,62%

Source: Equasis - IACS membership on 31/12/2008 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

LARGE SHIPS

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships	0,96%			0,96%
Specialized Cargo Ships	3,88%		14,29%	4,23%
Container Ships	1,25%		0,00%	1,25%
Ro-Ro Cargo Ships	1,59%			1,59%
Bulk Carriers	2,49%	8,62%	11,36%	2,57%
Oil and Chemical Tankers	1,00%		6,25%	1,01%
Gas Tankers	0,70%			0,70%
Other Tankers	0,00%			0,00%
Passenger Ships	0,73%			0,73%
Offshore Vessels	8,33%			8,33%
Service Ships	0,00%		0,00%	0,00%
Tugs				
Total	1,74%	8,62%	9,39%	1,78%

Table 79 - Large⁽¹⁾ ships detention rates^(*), by type and class – 2008

Source: Equasis - IACS membership on 31/12/2008 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

VERY LARGE SHIPS

Table 80 - Very large⁽¹⁾ ships detention rates^(*), by type and class - 2008

Ship Type	IACS	Non IACS	Class not recorded	Overall
General Cargo Ships				
Specialized Cargo Ships				
Container Ships	0,48%		0,00%	0,47%
Ro-Ro Cargo Ships	0,17%			0,17%
Bulk Carriers	2,64%		0,00%	2,63%
Oil and Chemical Tankers	0,53%		0,00%	0,53%
Gas Tankers	0,31%		0,00%	0,31%
Other Tankers				
Passenger Ships	0,23%			0,23%
Offshore Vessels	0,00%			0,00%
Service Ships	0,00%			0,00%
Tugs				
Total	1,11%		0,00%	1,11%

Source: Equasis - IACS membership on 31/12/2008 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU and USCG divided by total number of inspections

Chapter 4

4.P&I

INTRODUCTION

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

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

- American Steamship Owners Mutual Protection and Indemnity Association, Inc
- Assuranceforeningen Skuld
- Gard P&I (Bermuda) Ltd.³
- The Britannia Steam Ship Insurance Association Limited
- The Japan Ship Owners' Mutual Protection
 & Indemnity Association
- The London Steam-Ship Owners' Mutual Insurance Association Limited
- The North of England Protecting & Indemnity Association Limited
- The Shipowners' Mutual Protection & Indemnity Association (Luxembourg)
- The Standard Steamship Owners' Protection & Indemnity Association (Bermuda) Limited

- The Steamship Mutual Underwriting Association (Bermuda) Limited
- The Swedish Club
- United Kingdom Mutual Steam Ship Assurance Association (Bermuda) Limited
- The West of England Ship Owners Mutual Insurance Association (Luxembourg)

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

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

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

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

In chapter 4.5 the detention rate of ships is the ratio between the number of detentions

³ Gard (Bermuda) Ltd only became a principal Association with effect from the 2010 policy year. For 2008 and 2009, the principal Association was Assuranceforeningen Gard.

and the number of inspections in the Paris MoU, Tokyo MoU, Indian Ocean MoU and USCG regions.

RESULTS

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

97% (Graph 85) of the large and 98% (Graph 87) of the very large fleet is covered by the International Group. Within the medium fleet just under a half 43% (Graph 83) are entered in the Group clubs.

Comparing Graph 89 with Graph 97 reveals that the age profile of ships entered in Group clubs is considerably younger than those which are not. Over a quarter (28%) of the IGP&I fleet is under 5 years old and just one sixth (18%) is over 25 years old. Of the younger fleet, nearly a third is oil and chemical tankers (Table 89). This trend is continued in the large and very large fleets. For non-IGP&I the comparable figures are 9% and 60%, with nearly a half of the older fleet being general cargo ships (Table 97).

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

The safety performance of the fleet included in Equasis over 500 GT, as measured by detention rates, shows that 4.27% (Table 113) of inspections resulted in detention in 2008. Table 113 shows that ships outside the Group had a higher detention rate in 2008 than those with inside the Group (10.4% compared with 2.4%). This position was reflected across all ship sizes.

4.1. P&I STATUS

WORLD FLEET GT≥500

Table 81 - P&I world fleet GT≥500 status : total number of ships, by type – 2008

Ship Type	IGP8	εI	Non IG	P&I	Tota	ıl
General Cargo Ships	4,965	17.3%	8,846	44.7%	13,811	28.5%
Specialized Cargo Ships	153	0.5%	82	0.4%	235	0.5%
Container Ships	4,238	14.8%	403	2.0%	4,641	9.6%
Ro-Ro Cargo Ships	1,206	4.2%	430	2.2%	1,636	3.4%
Bulk Carriers	6,018	20.9%	1,338	6.8%	7,356	15.2%
Oil and Chemical Tankers	6,646	23.1%	2,802	14.2%	9,448	19.5%
Gas Tankers	1,072	3.7%	336	1.7%	1,408	2.9%
Other Tankers	102	0.4%	131	0.7%	233	0.5%
Passenger Ships	1,455	5.1%	1,544	7.8%	2,999	6.2%
Offshore Vessels	1,828	6.4%	1,711	8.7%	3,539	7.3%
Service Ships	654	2.3%	1,670	8.4%	2,324	4.8%
Tugs	391	1.4%	486	2.5%	877	1.8%
Total	28,728	100%	19,779	100%	48,507	100%

Source: Equasis

Table 82 - P&I world fleet GT≥500 status : gross tonnage (in 1000 t) of ships, by type - 2008

Ship Type	IGP8	d	Non IG	P&I	Tota	ıl
General Cargo Ships	36,854	4.9%	25,682	32.9%	62,537	7.6%
Specialized Cargo Ships	2,675	0.4%	323	0.4%	2,998	0.4%
Container Ships	136,419	18.2%	3,035	3.9%	139,454	16.9%
Ro-Ro Cargo Ships	38,302	5.1%	2,869	3.7%	41,171	5.0%
Bulk Carriers	214,630	28.7%	17,326	22.2%	231,956	28.1%
Oil and Chemical Tankers	230,892	30.9%	10,533	13.5%	241,425	29.2%
Gas Tankers	40,098	5.4%	743	1.0%	40,840	4.9%
Other Tankers	538	0.1%	253	0.3%	790	0.1%
Passenger Ships	26,353	3.5%	5,449	7.0%	31,803	3.8%
Offshore Vessels	15,887	2.1%	6,329	8.1%	22,216	2.7%
Service Ships	5,119	0.7%	5,189	6.6%	10,308	1.2%
Tugs	439	0.1%	429	0.5%	868	0.1%
Total	748,205	100%	78,160	100%	826,366	100%

Source: Equasis

Graph 81 - Number of ships GT≥500, by P&I status - 2008



Graph 82 - Gross tonnage of ships GT≥500, by P&I status – 2008



MEDIUM SHIPS

Ship Type	IGP8	kΙ	Non IG	P&I	Tota	d -		
General Cargo Ships	4,760	26.6%	8,842	45.5%	13,602	36.4%		
Specialized Cargo Ships	109	0.6%	80	0.4%	189	0.5%		
Container Ships	2,064	11.5%	388	2.0%	2,452	6.6%		
Ro-Ro Cargo Ships	541	3.0%	416	2.1%	957	2.6%		
Bulk Carriers	2,296	12.8%	1,173	6.0%	3,469	9.3%		
Oil and Chemical Tankers	3,618	20.2%	2,742	14.1%	6,360	17.0%		
Gas Tankers	616	3.4%	332	1.7%	948	2.5%		
Other Tankers	98	0.5%	130	0.7%	228	0.6%		
Passenger Ships	1,087	6.1%	1,538	7.9%	2,625	7.0%		
Offshore Vessels	1,693	9.5%	1,668	8.6%	3,361	9.0%		
Service Ships	611	3.4%	1,656	8.5%	2,267	6.1%		
Tugs	391	2.2%	486	2.5%	877	2.3%		
Total	17,884	100%	19,451	100%	37,335	100%		

Table 83 - P&I status : total number of medium⁽¹⁾ ships, by type - 2008

Source: Equasis - (1) 500 GT<25.000

Table 84 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type - 2008

Ship Type	IGP8	IGP&I		P&I	Tota	ıl
General Cargo Ships	30,785	20.2%	25,548	41.1%	56,333	26.3%
Specialized Cargo Ships	1,081	0.7%	242	0.4%	1,324	0.6%
Container Ships	26,431	17.4%	2,431	3.9%	28,862	13.5%
Ro-Ro Cargo Ships	6,802	4.5%	2,349	3.8%	9,151	4.3%
Bulk Carriers	37,189	24.4%	11,268	18.1%	48,457	22.6%
Oil and Chemical Tankers	31,011	20.4%	6,781	10.9%	37,793	17.6%
Gas Tankers	4,280	2.8%	491	0.8%	4,772	2.2%
Other Tankers	410	0.3%	222	0.4%	632	0.3%
Passenger Ships	6,990	4.6%	5,215	8.4%	12,205	5.7%
Offshore Vessels	3,997	2.6%	2,548	4.1%	6,545	3.1%
Service Ships	2,796	1.8%	4,675	7.5%	7,471	3.5%
Tugs	439	0.3%	429	0.7%	868	0.4%
Total	152,213	100%	62,201	100%	214,413	100%

Source: Equasis - (1) 500 GT<25.000

Graph 83 - Number of medium ships, by P&I status - 2008



Graph 84 - Gross tonnage of medium ships, by P&I status – 2008



LARGE SHIPS

Ship Type	IGP8	kI	Non IG	P&I	Tota	ıl
General Cargo Ships	205	2.7%	4	1.5%	209	2.6%
Specialized Cargo Ships	43	0.6%	2	0.7%	45	0.6%
Container Ships	1,553	20.1%	13	4.9%	1,566	19.6%
Ro-Ro Cargo Ships	580	7.5%	14	5.2%	594	7.4%
Bulk Carriers	2,882	37.3%	154	57.5%	3,036	38.0%
Oil and Chemical Tankers	1,947	25.2%	43	16.0%	1,990	24.9%
Gas Tankers	189	2.4%	3	1.1%	192	2.4%
Other Tankers	4	0.1%	1	0.4%	5	0.1%
Passenger Ships	257	3.3%	5	1.9%	262	3.3%
Offshore Vessels	42	0.5%	15	5.6%	57	0.7%
Service Ships	25	0.3%	14	5.2%	39	0.5%
Tugs						
Total	7,727	100%	268	100%	7,995	100%

Table 85 - P&I status : total number of large⁽¹⁾ ships, by type - 2008

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

Table 86 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type - 2008

Ship Type	IGP8	J	Non IG	P&I	Tota	I
General Cargo Ships	6,069	2.1%	135	1.4%	6,204	2.1%
Specialized Cargo Ships	1,529	0.5%	81	0.8%	1,610	0.5%
Container Ships	59,684	20.5%	434	4.5%	60,118	20.0%
Ro-Ro Cargo Ships	26,058	8.9%	520	5.4%	26,578	8.8%
Bulk Carriers	101,726	34.9%	5,216	54.0%	106,943	35.5%
Oil and Chemical Tankers	75,747	26.0%	1,851	19.2%	77,598	25.8%
Gas Tankers	8,142	2.8%	132	1.4%	8,274	2.8%
Other Tankers	128	0.0%	30	0.3%	158	0.1%
Passenger Ships	9,143	3.1%	158	1.6%	9,301	3.1%
Offshore Vessels	1,894	0.7%	587	6.1%	2,481	0.8%
Service Ships	1,059	0.4%	514	5.3%	1,573	0.5%
Tugs						
Total	291,180	100%	9,659	100%	300,839	100%

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

Graph 85 - Number of large ships, by P&I status – 2008



Graph 86 - Gross tonnage of large ships, by P&I status – 2008



VERY LARGE SHIPS

Ship Type	IGP8	J	Non IG	GP&I Tot		I
General Cargo Ships						
Specialized Cargo Ships	1	0.0%			1	0.0%
Container Ships	621	19.9%	2	3.3%	623	19.6%
Ro-Ro Cargo Ships	85	2.7%			85	2.7%
Bulk Carriers	840	26.9%	11	18.3%	851	26.8%
Oil and Chemical Tankers	1,081	34.7%	17	28.3%	1,098	34.6%
Gas Tankers	267	8.6%	1	1.7%	268	8.4%
Other Tankers						
Passenger Ships	111	3.6%	1	1.7%	112	3.5%
Offshore Vessels	93	3.0%	28	46.7%	121	3.8%
Service Ships	18	0.6%			18	0.6%
Tugs						
Total	3,117	100%	60	100%	3,177	100%

Table 87 - P&I status : total number of very large⁽¹⁾ ships, by type - 2008

Source: Equasis - (1) GT 60.000

Table 88 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type - 2008

Ship Type	IGP8	kΙ	Non IG	P&I	Tota	il 👘
General Cargo Ships						
Specialized Cargo Ships	64	0.0%			64	0.0%
Container Ships	50,303	16.5%	170	2.7%	50,473	16.2%
Ro-Ro Cargo Ships	5,442	1.8%			5,442	1.7%
Bulk Carriers	75,715	24.8%	841	13.4%	76,556	24.6%
Oil and Chemical Tankers	124,134	40.7%	1,900	30.2%	126,034	40.5%
Gas Tankers	27,675	9.1%	119	1.9%	27,794	8.9%
Other Tankers						
Passenger Ships	10,220	3.4%	77	1.2%	10,296	3.3%
Offshore Vessels	9,996	3.3%	3,194	50.7%	13,190	4.2%
Service Ships	1,264	0.4%			1,264	0.4%
Tugs						
Total	304,813	100%	6,301	100%	311,114	100%

Source: Equasis - (1) GT 60.000

Graph 87 - Number of very large ships, by P&I status - 2008



Graph 88 - Gross tonnage of very large ships, by P&I status – 2008



4.2. IGP&I AND AGE

WORLD FLEET GT≥500

Table 89 - IGP&I world fleet GT≥500 : total number of ships, by type and age – 2008

Ship Type	0-4		5-14	4	15-2	4	25+	+	Tota	l
General Cargo Ships	975	12.2%	1,492	15.9%	1,517	24.1%	981	19.3%	4,965	17.3%
Specialized Cargo Ships	15	0.2%	28	0.3%	41	0.7%	69	1.4%	153	0.5%
Container Ships	1,542	19.3%	1,761	18.8%	671	10.7%	264	5.2%	4,238	14.8%
Ro-Ro Cargo Ships	255	3.2%	334	3.6%	292	4.6%	325	6.4%	1,206	4.2%
Bulk Carriers	1,486	18.6%	2,146	22.9%	1,340	21.3%	1,046	20.6%	6,018	20.9%
Oil and Chemical Tankers	2,483	31.1%	2,157	23.0%	1,394	22.2%	612	12.0%	6,646	23.1%
Gas Tankers	334	4.2%	337	3.6%	224	3.6%	177	3.5%	1,072	3.7%
Other Tankers	21	0.3%	22	0.2%	25	0.4%	34	0.7%	102	0.4%
Passenger Ships	173	2.2%	456	4.9%	336	5.3%	490	9.6%	1,455	5.1%
Offshore Vessels	568	7.1%	410	4.4%	238	3.8%	612	12.0%	1,828	6.4%
Service Ships	51	0.6%	145	1.5%	178	2.8%	280	5.5%	654	2.3%
Tugs	87	1.1%	81	0.9%	28	0.4%	195	3.8%	391	1.4%
Total	7,990	100%	9,369	100%	6,284	100%	5,085	100%	28,728	100%

Source: Equasis

Table 90 - P&I whole fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and age - 2008

							-			
Ship Type	0-4		5-14	1	15-2	4	25+	-	Tota	I
General Cargo Ships	6,759	2.6%	11,607	4.3%	10,519	7.3%	7,969	10.5%	36,854	4.9%
Specialized Cargo Ships	200	0.1%	335	0.1%	921	0.6%	1,219	1.6%	2,675	0.4%
Container Ships	61,613	24.1%	51,784	19.0%	17,447	12.1%	5,575	7.3%	136,419	18.2%
Ro-Ro Cargo Ships	12,012	4.7%	10,941	4.0%	8,001	5.6%	7,348	9.7%	38,302	5.1%
Bulk Carriers	61,397	24.0%	78,293	28.7%	50,089	34.9%	24,850	32.6%	214,630	28.7%
Oil and Chemical Tankers	85,261	33.3%	92,252	33.8%	43,900	30.6%	9,479	12.5%	230,892	30.9%
Gas Tankers	19,438	7.6%	10,783	4.0%	4,321	3.0%	5,556	7.3%	40,098	5.4%
Other Tankers	130	0.1%	196	0.1%	115	0.1%	96	0.1%	538	0.1%
Passenger Ships	5,890	2.3%	11,351	4.2%	5,010	3.5%	4,103	5.4%	26,353	3.5%
Offshore Vessels	2,638	1.0%	2,802	1.0%	2,228	1.6%	8,218	10.8%	15,887	2.1%
Service Ships	384	0.1%	2,117	0.8%	1,107	0.8%	1,511	2.0%	5,119	0.7%
Tugs	126	0.0%	84	0.0%	32	0.0%	197	0.3%	439	0.1%
Total	255,847	100%	272,546	100%	143,691	100%	76,121	100%	748,205	100%

Graph 89 - IGP&I world fleet GT≥500, by age - 2008



Graph 90 - Gross tonnage of IGP&I world fleet GT≥500, by age – 2008



MEDIUM SHIPS

Ship Type	0-4		5-14	4	15-2	4	25+	÷	Tota	l
General Cargo Ships	951	23.4%	1,409	26.6%	1,464	33.7%	936	22.4%	4,760	26.6%
Specialized Cargo Ships	15	0.4%	25	0.5%	23	0.5%	46	1.1%	109	0.6%
Container Ships	600	14.8%	932	17.6%	371	8.5%	161	3.9%	2,064	11.5%
Ro-Ro Cargo Ships	39	1.0%	162	3.1%	147	3.4%	193	4.6%	541	3.0%
Bulk Carriers	342	8.4%	587	11.1%	640	14.7%	727	17.4%	2,296	12.8%
Oil and Chemical Tankers	1,186	29.2%	1,072	20.2%	837	19.3%	523	12.5%	3,618	20.2%
Gas Tankers	123	3.0%	222	4.2%	170	3.9%	101	2.4%	616	3.4%
Other Tankers	20	0.5%	19	0.4%	25	0.6%	34	0.8%	98	0.5%
Passenger Ships	95	2.3%	283	5.3%	251	5.8%	458	11.0%	1,087	6.1%
Offshore Vessels	551	13.6%	385	7.3%	217	5.0%	540	12.9%	1,693	9.5%
Service Ships	48	1.2%	127	2.4%	170	3.9%	266	6.4%	611	3.4%
Tugs	87	2.1%	81	1.5%	28	0.6%	195	4.7%	391	2.2%
Total	4,057	100%	5,304	100%	4,343	100%	4,180	100%	17,884	100%

Table 91 - IGP&I : total number of medium⁽¹⁾ ships, by type and age - 2008

Source: Equasis - (1) 500 GT<25.000

Table 92 - IGP&I : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age – 2008

Ship Type	0-4		5-14	4	15-2	24	25+	F	Tota	ıl
General Cargo Ships	5,997	17.5%	9,047	19.0%	9,034	24.0%	6,708	20.6%	30,785	20.2%
Specialized Cargo Ships	200	0.6%	216	0.5%	232	0.6%	434	1.3%	1,081	0.7%
Container Ships	7,642	22.3%	11,771	24.7%	4,882	13.0%	2,137	6.6%	26,431	17.4%
Ro-Ro Cargo Ships	564	1.6%	2,223	4.7%	1,573	4.2%	2,442	7.5%	6,802	4.5%
Bulk Carriers	5,428	15.8%	9,187	19.2%	11,518	30.6%	11,056	34.0%	37,189	24.4%
Oil and Chemical Tankers	10,991	32.0%	9,714	20.4%	6,334	16.8%	3,972	12.2%	31,011	20.4%
Gas Tankers	1,013	3.0%	1,542	3.2%	1,089	2.9%	<mark>6</mark> 36	2.0%	4,280	2.8%
Other Tankers	97	0.3%	102	0.2%	115	0.3%	96	0.3%	410	0.3%
Passenger Ships	533	1.6%	1,842	3.9%	1,529	4.1%	3,085	9.5%	6,990	4.6%
Offshore Vessels	1,471	4.3%	1,077	2.3%	510	1.4%	939	2.9%	3,997	2.6%
Service Ships	252	0.7%	930	1.9%	790	2.1%	824	2.5%	2,796	1.8%
Tugs	126	0.4%	84	0.2%	32	0.1%	197	0.6%	439	0.3%
Total	34,313	100%	47,735	100%	37,638	100%	32,526	100%	152,213	100%

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





Graph 92 - Gross tonnage of IGP&I medium ships, by age – 2008



LARGE SHIPS

Ship Type	0-4		5-14	4	15-2	4	25+		Total	
General Cargo Ships	24	0.9%	83	2.9%	53	3.6%	45	6.2%	205	2.7%
Specialized Cargo Ships			3	0.1%	17	1.2%	23	3.2%	43	0.6%
Container Ships	584	21.6%	571	20.1%	295	20.0%	103	14.3%	1,553	20.1%
Ro-Ro Cargo Ships	155	5.7%	151	5.3%	142	9.6%	132	18.3%	580	7.5%
Bulk Carriers	904	33.5%	1,245	43.9%	463	31.5%	270	37.4%	2,882	37.3%
Oil and Chemical Tankers	909	33.7%	609	21.5%	372	25.3%	57	7.9%	1,947	25.2%
Gas Tankers	69	2.6%	44	1.6%	38	2.6%	38	5.3%	189	2.4%
Other Tankers	1	0.0%	3	0.1%					4	0.1%
Passenger Ships	40	1.5%	110	3.9%	76	5.2%	31	4.3%	257	3.3%
Offshore Vessels	10	0.4%	12	0.4%	8	0.5%	12	1.7%	42	0.5%
Service Ships	3	0.1%	3	0.1%	8	0.5%	11	1.5%	25	0.3%
Tugs										
Total	2,699	100%	2,834	100%	1,472	100%	722	100%	7,727	100%

Table 93 - IGP&I : total number of large⁽¹⁾ ships, by type and age - 2008

Source: Equasis - ⁽¹⁾25.000≤GT<60.000

Table 94 - IGP&I : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age – 2008

Ship Type	0-4		5-14	4	15-2	24	25+	-	Tota	I
General Cargo Ships	763	0.7%	2,561	2.4%	1,485	2.6%	1,261	4.9%	6,069	2.1%
Specialized Cargo Ships			120	0.1%	625	1.1%	785	3.1%	1,529	0.5%
Container Ships	22,533	21.9%	21,457	20.4%	12,256	21.3%	3,438	13.4%	59,684	20.5%
Ro-Ro Cargo Ships	7,624	7.4%	7,300	6.9%	6,228	10.8%	4,906	19.1%	26,058	8.9%
Bulk Carriers	33,294	32.4%	42,373	40.3%	16,205	28.2%	9,855	38.3%	101,726	34.9%
Oil and Chemical Tankers	33,452	32.6%	24,746	23.5%	15,581	27.1%	1,968	7.7%	75,747	26.0%
Gas Tankers	3,016	2.9%	1,914	1.8%	1,652	2.9%	1,559	6.1%	8,142	2.8%
Other Tankers	33	0.0%	95	0.1%					128	0.0%
Passenger Ships	1,436	1.4%	3,917	3.7%	2,844	4.9%	947	3.7%	9,143	3.1%
Offshore Vessels	430	0.4%	591	0.6%	368	0.6%	504	2.0%	1,894	0.7%
Service Ships	131	0.1%	120	0.1%	318	0.6%	490	1.9%	1,059	0.4%
Tugs										
Total	102,712	100%	105,193	100%	57,561	100%	25,714	100%	291,180	100%

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

Graph 93 - IGP&I large ships, by age - 2008



Graph 94 - Gross tonnage of IGP&I large ships, by age - 2008



VERY LARGE SHIPS

Ship Type	0-4		5-14	4	15-2	4	25+	.	Total	
General Cargo Ships										
Specialized Cargo Ships					1	0.2%			1	0.0%
Container Ships	358	29.0%	258	21.0%	5	1.1%			621	19.9%
Ro-Ro Cargo Ships	61	4.9%	21	1.7%	3	0.6%			85	2.7%
Bulk Carriers	240	19.4%	314	25.5%	237	50.5%	49	26.8%	840	26.9%
Oil and Chemical Tankers	388	31.4%	476	38.7%	185	39.4%	32	17.5%	1,081	34.7%
Gas Tankers	142	11.5%	71	5.8%	16	3.4%	38	20.8%	267	8.6%
Other Tankers										
Passenger Ships	38	3.1%	63	5.1%	9	1.9%	1	0.5%	111	3.6%
Offshore Vessels	7	0.6%	13	1.1%	13	2.8%	60	32.8%	93	3.0%
Service Ships			15	1.2%			3	1.6%	18	0.6%
Tugs										
Total	1,234	100%	1,231	100%	469	100%	183	100%	3,117	100%

Table 95 - IGP&I : total number of very large⁽¹⁾ ships, by type and age - 2008

Source: Equasis - ⁽¹⁾ GT 60.000

Table 96 - IGP&I : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2008

Ship Type	0-4		5-14	1	15-2	4	25+		Tota	I
General Cargo Ships										
Specialized Cargo Ships					64	0.1%			64	0.0%
Container Ships	31,438	26.5%	18,555	15.5%	310	0.6%			50,303	16.5%
Ro-Ro Cargo Ships	3,824	3.2%	1,418	1.2%	200	0.4%			5,442	1.8%
Bulk Carriers	22,675	19.1%	26,734	22.3%	22,366	46.1%	3,940	22.0%	75,715	24.8%
Oil and Chemical Tankers	40,818	34.4%	57,792	48.3%	21,985	45.3%	3,538	19.8%	124,134	40.7%
Gas Tankers	15,409	13.0%	7,326	6.1%	1,580	3.3%	3,361	18.8%	27,675	9.1%
Other Tankers										
Passenger Ships	3,921	3.3%	5,592	4.7%	637	1.3%	70	0.4%	10,220	3.4%
Offshore Vessels	737	0.6%	1,134	0.9%	1,350	2.8%	6,775	37.9%	9,996	3.3%
Service Ships			1,067	0.9%			197	1.1%	1,264	0.4%
Tugs										
Total	118,822	100%	119,618	100%	48,491	100%	17,881	100%	304,813	100%

Source: Equasis - (1) GT 60.000

Graph 95 - IGP&I very large ships, by age - 2008



Graph 96 - Gross tonnage of IGP&I very large ships, by age – 2008



4.3. NON IGP&I AND AGE

WHOLE FLEET

Table 97 - Non IGP&I world fleet GT≥500: total number of ships, by type and age – 2008

Ship Type	0-4		5-14	4	15-2	.4	25+	-	Total	
General Cargo Ships	680	37.8%	691	32.3%	1,863	46.1%	5,612	47.6%	8,846	30.8%
Specialized Cargo Ships	4	0.2%	2	0.1%	8	0.2%	68	0.6%	82	0.3%
Container Ships	93	5.2%	114	5.3%	49	1.2%	147	1.2%	403	1.4%
Ro-Ro Cargo Ships	26	1.4%	69	3.2%	87	2.2%	248	2.1%	430	1.5%
Bulk Carriers	56	3.1%	106	5.0%	359	8.9%	817	6.9%	1,338	4.7%
Oil and Chemical Tankers	250	13.9%	264	12.3%	621	15.4%	1,667	14.1%	2,802	9.8%
Gas Tankers	31	1.7%	57	2.7%	79	2.0%	169	1.4%	336	1.2%
Other Tankers	7	0.4%	15	0.7%	29	0.7%	80	0.7%	131	0.5%
Passenger Ships	130	7.2%	324	15.1%	354	8.8%	736	6.2%	1,544	5.4%
Offshore Vessels	353	19.6%	223	10.4%	164	4.1%	971	8.2%	1,711	6.0%
Service Ships	118	6.6%	230	10.7%	355	8.8%	967	8.2%	1,670	5.8%
Tugs	50	2.8%	45	2.1%	76	1.9%	315	2.7%	486	1.7%
Total	1,798	100%	2,140	100%	4,044	100%	11,797	100%	19,779	69%

Source: Equasis

Table 98 - Non IGP&I world fleet GT≥500: gross tonnage (in 1000 t) of ships, by type and age - 2008

Ship Type	0-4		5-14	4	15-2	4	25+		Tota	I
General Cargo Ships	1,880	20.0%	1,824	21.1%	5,406	30.7%	16,572	39.0%	25,682	32.9%
Specialized Cargo Ships	30	0.3%	6	0.1%	58	0.3%	229	0.5%	323	0.4%
Container Ships	966	10.3%	687	7.9%	416	2.4%	966	2.3%	3,035	3.9%
Ro-Ro Cargo Ships	483	5.1%	464	5.4%	497	2.8%	1,425	3.3%	2,869	3.7%
Bulk Carriers	651	6.9%	624	7.2%	5,047	28.7%	11,005	25.9%	17,326	22.2%
Oil and Chemical Tankers	1,548	16.5%	906	10.5%	3,097	17.6%	4,983	11.7%	10,533	13.5%
Gas Tankers	180	1.9%	74	0.9%	170	1.0%	319	0.7%	743	1.0%
Other Tankers	17	0.2%	17	0.2%	43	0.2%	176	0.4%	253	0.3%
Passenger Ships	511	5.4%	1,270	14.7%	1,244	7.1%	2,424	5.7%	5,449	7.0%
Offshore Vessels	2,311	24.6%	1,850	21.4%	520	3.0%	1,647	3.9%	6,329	8.1%
Service Ships	764	8.1%	885	10.2%	1,015	5.8%	2,524	5.9%	5,189	6.6%
Tugs	42	0.4%	45	0.5%	73	0.4%	270	0.6%	429	0.5%
Total	9,382	100%	8,652	100%	17,586	100%	42,541	100%	78,160	100%

Graph 97 - Non IGP&I world fleet GT \geq 500, by age - 2008



Graph 98 - Gross tonnage of non IGP&I world fleet GT \geq 500, by age – 2008



MEDIUM SHIPS

Ship Type	0-4		5-14	4	15-2	4	25+	-	Tota	
General Cargo Ships	680	38.8%	691	32.9%	1,859	47.3%	5,612	48.1%	8,842	45.5%
Specialized Cargo Ships	4	0.2%	2	0.1%	7	0.2%	67	0.6%	80	0.4%
Container Ships	87	5.0%	114	5.4%	47	1.2%	140	1.2%	388	2.0%
Ro-Ro Cargo Ships	19	1.1%	68	3.2%	86	2.2%	243	2.1%	416	2.1%
Bulk Carriers	51	2.9%	100	4.8%	281	7.2%	741	6.4%	1,173	6.0%
Oil and Chemical Tankers	241	13.7%	259	12.3%	599	15.3%	1,643	14.1%	2,742	14.1%
Gas Tankers	30	1.7%	57	2.7%	78	2.0%	167	1.4%	332	1.7%
Other Tankers	7	0.4%	15	0.7%	29	0.7%	79	0.7%	130	0.7%
Passenger Ships	130	7.4%	321	15.3%	354	9.0%	733	6.3%	1,538	7.9%
Offshore Vessels	341	19.4%	203	9.7%	159	4.0%	965	8.3%	1,668	8.6%
Service Ships	114	6.5%	226	10.8%	352	9.0%	964	8.3%	1,656	8.5%
Tugs	50	2.9%	45	2.1%	76	1.9%	315	2.7%	486	2.5%
Total	1,754	100%	2,101	100%	3,927	100%	11,669	100%	19,451	100%

Table 99 - Non IGP&I : total number of medium⁽¹⁾ ships, by type and age - 2008

Source: Equasis - (1) 500 GT<25.000

Table 100 - Non IGP&I : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and age – 2008

Ship Type	0-4		5-14	4	15-2	24	25+	F	Tota	il 👘
General Cargo Ships	1,880	32.1%	1,824	28.8%	5,271	42.0%	16,572	44.2%	25,548	41.1%
Specialized Cargo Ships	30	0.5%	6	0.1%	16	0.1%	191	0.5%	242	0.4%
Container Ships	646	11.0%	687	10.8%	341	2.7%	757	2.0%	2,431	3.9%
Ro-Ro Cargo Ships	192	3.3%	438	6.9%	470	3.7%	1,249	3.3%	2,349	3.8%
Bulk Carriers	346	5.9%	436	6.9%	2,245	17.9%	8,241	22.0%	11,268	18.1%
Oil and Chemical Tankers	870	14.9%	505	8.0%	1,534	12.2%	3,873	10.3%	6,781	10.9%
Gas Tankers	60	1.0%	74	1.2%	128	1.0%	229	0.6%	491	0.8%
Other Tankers	17	0.3%	17	0.3%	43	0.3%	146	0.4%	222	0.4%
Passenger Ships	511	8.7%	1,141	18.0%	1,244	9.9%	2,319	6.2%	5,215	8.4%
Offshore Vessels	649	11.1%	453	7.1%	270	2.2%	1,176	3.1%	2,548	4.1%
Service Ships	605	10.3%	708	11.2%	928	7.4%	2,434	6.5%	4,675	7.5%
Tugs	42	0.7%	45	0.7%	73	0.6%	270	0.7%	429	0.7%
Total	5,847	100%	6,334	100%	12,563	100%	37,456	100%	62,201	100%

Source: Equasis - (1) 500 GT<25.000

Graph 99 - Non IGP&I medium ships, by age - 2008



Graph 100 - Gross tonnage of non IGP&I medium ships, by age – 2008



LARGE SHIPS

Ship Type	0-4		5-14	4	15-2	4	25+		Tota	l
General Cargo Ships					4	3.8%			4	1.5%
Specialized Cargo Ships					1	1.0%	1	0.9%	2	0.7%
Container Ships	4	15.4%			2	1.9%	7	6.1%	13	4.9%
Ro-Ro Cargo Ships	7	26.9%	1	4.2%	1	1.0%	5	4.4%	14	5.2%
Bulk Carriers	3	11.5%	6	25.0%	75	72.1%	70	61.4%	154	57.5%
Oil and Chemical Tankers	6	23.1%	3	12.5%	14	13.5%	20	17.5%	43	16.0%
Gas Tankers					1	1.0%	2	1.8%	3	1.1%
Other Tankers							1	0.9%	1	0.4%
Passenger Ships			2	8.3%			3	2.6%	5	1.9%
Offshore Vessels	2	7.7%	8	33.3%	3	2.9%	2	1.8%	15	5.6%
Service Ships	4	15.4%	4	16.7%	3	2.9%	3	2.6%	14	5.2%
Tugs										
Total	26	100%	24	100%	104	100%	114	100%	268	100%

Table 101 - Non IGP&I : total number of large⁽¹⁾ ships, by type and age - 2008

Source: Equasis - ⁽¹⁾25.000≤GT<60.000

Table 102 - Non IGP&I : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and age – 2008

Ship Type	0-4		5-14	1	15-2	.4	25+	+	Tota	1
General Cargo Ships					135	0.2%			135	1.4%
Specialized Cargo Ships					43	0.1%	39	0.2%	81	0.8%
Container Ships	150	14.2%			75	0.1%	209	0.8%	434	4.5%
Ro-Ro Cargo Ships	291	27.6%	26	2.7%	28	0.0%	175	0.7%	520	5.4%
Bulk Carriers	126	12.0%	188	20.1%	2,565	4.5%	2,337	9.1%	5,216	54.0%
Oil and Chemical Tankers	242	23.0%	161	17.2%	<mark>68</mark> 0	1.2%	769	3.0%	1,851	19.2%
Gas Tankers					42	0.1%	90	0.3%	132	1.4%
Other Tankers							30	0.1%	30	0.3%
Passenger Ships			53	5.7%			105	0.4%	158	1.6%
Offshore Vessels	84	8.0%	331	35.4%	110	0.2%	62	0.2%	587	6.1%
Service Ships	160	15.2%	177	18.9%	87	0.2%	90	0.3%	514	5.3%
Tugs										
Total	1,053	100%	935	100%	3,765	7%	3,905	15%	9,659	100%

Source: Equasis - ⁽¹⁾25.000≤GT<60.000

Graph 101 - Non IGP&I large ships, by age – 2008



Graph 102 - Gross tonnage of non IGP&I large ships, by age – 2008



VERY LARGE SHIPS

Ship Type	0-4		5-14	۱ I	15-2	4	25+		Total	
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	2	11.1%							2	3.3%
Ro-Ro Cargo Ships										
Bulk Carriers	2	11.1%			3	23.1%	6	42.9%	11	18.3%
Oil and Chemical Tankers	3	16.7%	2	13.3%	8	61.5%	4	28.6%	17	28.3%
Gas Tankers	1	5.6%							1	1.7%
Other Tankers										
Passenger Ships			1	6.7%					1	1.7%
Offshore Vessels	10	55.6%	12	80.0%	2	15.4%	4	28.6%	28	46.7%
Service Ships										
Tugs										
Total	18	100%	15	100%	13	100%	14	100%	60	100%

Table 103 - Non IGP&I : total number of very large⁽¹⁾ ships, by type and age - 2008

 Table 104 - Non IGP&I : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and age - 2008

Ship Type	0-4		5-14	4	15-2	4	25+	-	Tota	d -
General Cargo Ships										
Specialized Cargo Ships										
Container Ships	170	6.8%							170	2.7%
Ro-Ro Cargo Ships										
Bulk Carriers	178	7.2%			236	18.8%	428	36.3%	841	13.4%
Oil and Chemical Tankers	436	17.6%	240	17.4%	882	70.1%	341	29.0%	1,900	30.2%
Gas Tankers	119	4.8%							119	1.9%
Other Tankers										
Passenger Ships			77	5.5%					77	1.2%
Offshore Vessels	1,578	63.6%	1,066	77.1%	140	11.1%	410	34.8%	3,194	50.7%
Service Ships										
Tugs										
Total	2,481	100%	1,383	100%	1,258	100%	1,179	100%	6,301	100%

Source: Equasis - (1) GT 60.000





Graph 104 - Gross tonnage of non IGP&I very large ships, by age – 2008



P&I AND FLAG 4.4.

WORLD FLEET GT≥500

Table 105 - P&I world fleet GT≥500 status : total number of ships, by type and flag- 2008

Chin Tune		Та	rgeted flag	J			Non	Targeted f	ag	
Ship Type	IGP8	ıI	Non IG	P&I	Total	IGP8	ıI	Non IG	P&I	Total
General Cargo Ships	2,338	20.8%	5,632	51.6%	7,970	2,627	15.0%	3,214	36.2%	5,841
Specialized Cargo Ships	35	0.3%	61	0.6%	96	118	0.7%	21	0.2%	139
Container Ships	1,163	10.3%	206	1.9%	1,369	3,075	17.6%	197	2.2%	3,272
Ro-Ro Cargo Ships	609	5.4%	315	2.9%	924	597	3.4%	115	1.3%	712
Bulk Carriers	3,100	27.5%	859	7.9%	3,959	2,918	16.7%	479	5.4%	3,397
Oil and Chemical Tankers	2,356	20.9%	1,614	14.8%	3,970	4,290	24.6%	1,188	13.4%	5,478
Gas Tankers	407	3.6%	213	2.0%	620	665	3.8%	123	1.4%	788
Other Tankers	44	0.4%	86	0.8%	130	58	0.3%	45	0.5%	103
Passenger Ships	447	4.0%	716	6.6%	1,163	1,008	5.8%	828	9.3%	1,836
Offshore Vessels	520	4.6%	466	4.3%	986	1,308	7.5%	1,245	14.0%	2,553
Service Ships	170	1.5%	564	5.2%	734	484	2.8%	1,106	12.5%	1,590
Tugs	74	0.7%	176	1.6%	250	317	1.8%	310	3.5%	627
Total	11,263	100%	10,908	100%	22,171	17,465	100%	8,871	100%	26,336

Table 106 - P&I world fleet GT≥500 status : gross tonnage (in 1000 t) of ships, by type and flag - 2008

Chin Tuno		Ta	rgeted flag	1			Non	Targeted f	lag	
Ship Type	IGP8	I	Non IG	P&I	Total	IGP8	I	Non IG	P&I	Total
General Cargo Ships	18,184	5.9%	16,399	38.7%	34,583	18,671	4.2%	9,283	25.9%	27,954
Specialized Cargo Ships	886	0.3%	206	0.5%	1,091	1,789	0.4%	118	0.3%	1,907
Container Ships	39,505	12.9%	1,536	3.6%	41,041	96,914	21.9%	1,499	4.2%	98,413
Ro-Ro Cargo Ships	20,967	6.8%	2,241	5.3%	23,208	17,334	3.9%	628	1.8%	17,963
Bulk Carriers	109,864	35.8%	9,994	23.6%	119,858	104,765	23.7%	7,332	20.5%	112,098
Oil and Chemical Tankers	80,253	26.2%	5,488	12.9%	85,741	150,639	34.1%	5,045	14.1%	155,684
Gas Tankers	14,709	4.8%	519	1.2%	15,227	25,389	5.7%	224	0.6%	25,613
Other Tankers	145	0.0%	134	0.3%	279	393	0.1%	118	0.3%	511
Passenger Ships	13,601	4.4%	3,080	7.3%	16,681	12,752	2.9%	2,369	6.6%	15,121
Offshore Vessels	7,654	2.5%	1,065	2.5%	8,719	8,233	1.9%	5,264	14.7%	13,497
Service Ships	731	0.2%	1,528	3.6%	2,259	4,388	1.0%	3,661	10.2%	8,049
Tugs	90	0.0%	189	0.4%	279	349	0.1%	240	0.7%	589
Total	306,589	100%	42,378	100%	348,967	441,616	100%	35,783	100%	477,399

Graph 105 - Total number of ships GT≥500, by P&I status and flag – 2008



Graph 106 - Gross tonnage of ships GT≥500, by P&I status and flag – 2008



MEDIUM SHIPS

Chin Tune		т	argeted flag)			Nor	n Targeted f	lag	
Ship Type	IGP8	d	Non IG	P&I	Total	IGP8	εI	Non IG	P&I	Total
General Cargo Ships	2,229	32.3%	5,628	52.3%	7,857	2,531	23.0%	3,214	37.0%	5,745
Specialized Cargo Ships	13	0.2%	61	0.6%	74	96	0.9%	19	0.2%	115
Container Ships	558	8.1%	200	1.9%	758	1,506	13.7%	188	2.2%	1,694
Ro-Ro Cargo Ships	231	3.3%	304	2.8%	535	310	2.8%	112	1.3%	422
Bulk Carriers	1,252	18.2%	774	7.2%	2,026	1,044	9.5%	399	4.6%	1,443
Oil and Chemical Tankers	1,385	20.1%	1,590	14.8%	2,975	2,233	20.3%	1,152	13.3%	3,385
Gas Tankers	237	3.4%	209	1.9%	446	379	3.4%	123	1.4%	502
Other Tankers	44	0.6%	86	0.8%	130	54	0.5%	44	0.5%	98
Passenger Ships	256	3.7%	713	6.6%	969	831	7.6%	825	9.5%	1,656
Offshore Vessels	450	6.5%	458	4.3%	908	1,243	11.3%	1,210	13.9%	2,453
Service Ships	169	2.4%	563	5.2%	732	442	4.0%	1,093	12.6%	1,535
Tugs	74	1.1%	176	1.6%	250	317	2.9%	310	3.6%	627
Total	6,898	100%	10,762	100%	17,660	10,986	100%	8,689	100%	19,675

Table 107 - P&I status : total number of medium⁽¹⁾ ships, by type and flag- 2008

Source: Equasis - (1) 500 GT<25.000

Table 108 - P&I status : gross tonnage (in 1000 t) of medium⁽¹⁾ ships, by type and flag- 2008

Chin Turne		т	argeted flag)			Nor	n Targeted f	lag	
Ship Type	IGP8	d	Non IG	P&I	Total	IGP8	kI	Non IG	P&I	Total
General Cargo Ships	15,035	24.2%	16,264	45.3%	31,299	15,750	17.5%	9,283	35.3%	25,033
Specialized Cargo Ships	134	0.2%	206	0.6%	340	947	1.1%	37	0.1%	984
Container Ships	7,218	11.6%	1,196	3.3%	8,413	19,214	21.3%	1,235	4.7%	20,449
Ro-Ro Cargo Ships	2,822	4.5%	1,840	5.1%	4,662	3,980	4.4%	509	1.9%	4,489
Bulk Carriers	20,194	32.5%	6,782	18.9%	26,976	16,995	18.9%	4,486	17.1%	21,481
Oil and Chemical Tankers	11,263	18.1%	3,905	10.9%	15,168	19,748	21.9%	2,877	10.9%	22,625
Gas Tankers	1,240	2.0%	267	0.7%	1,507	3,040	3.4%	224	0.9%	3,264
Other Tankers	145	0.2%	134	0.4%	279	265	0.3%	88	0.3%	353
Passenger Ships	2,377	3.8%	2,950	8.2%	5,327	4,613	5.1%	2,265	8.6%	6,878
Offshore Vessels	967	1.6%	680	1.9%	1,647	3,030	3.4%	1,868	7.1%	4,898
Service Ships	698	1.1%	1,499	4.2%	2,196	2,098	2.3%	3,177	12.1%	5,275
Tugs	90	0.1%	189	0.5%	279	349	0.4%	240	0.9%	589
Total	62,183	100%	35,912	100%	98,095	90,030	100%	26,289	100%	116,319

Source: Equasis - (1) 500 GT<25.000

Graph 107 - Total number of medium ships, by P&I status and flag- 2008



Graph 108 - Gross tonnage of medium ships, by P&I status and flag – 2008



LARGE SHIPS

Chin Turne		Ta	argeted flag	1			Non	Targeted f	lag	
Ship Type	IGP8	บ	Non IG	P&I	Total	IGP8	a I	Non IG	P&I	Total
General Cargo Ships	109	3.5%	4	3.2%	113	96	2.1%			96
Specialized Cargo Ships	22	0.7%			22	21	0.5%	2	1.4%	23
Container Ships	404	12.9%	4	3.2%	408	1,149	25.0%	9	6.3%	1,158
Ro-Ro Cargo Ships	335	10.7%	11	8.9%	346	245	5.3%	3	2.1%	248
Bulk Carriers	1,430	45.8%	79	63.7%	1,509	1,452	31.5%	75	52.1%	1,527
Oil and Chemical Tankers	613	19.6%	15	12.1%	628	1,334	29.0%	28	19.4%	1,362
Gas Tankers	75	2.4%	3	2.4%	78	114	2.5%			114
Other Tankers						4	0.1%	1	0.7%	5
Passenger Ships	116	3.7%	2	1.6%	118	141	3.1%	3	2.1%	144
Offshore Vessels	18	0.6%	5	4.0%	23	24	0.5%	10	6.9%	34
Service Ships	1	0.0%	1	0.8%	2	24	0.5%	13	9.0%	37
Tugs										
Total	3,123	100%	124	100%	3,247	4,604	100%	144	100%	4,748

Table 109 - P&I status : total number of large⁽¹⁾ ships, by type and flag- 2008

Source: Equasis - ⁽¹⁾25.000≤GT<60.000

Table 110 - P&I status : gross tonnage (in 1000 t) of large⁽¹⁾ ships, by type and flag- 2008

Chin Turne		Ta	argeted flag	J			Non	Targeted f	lag	
Ship Type	IGP8	ıI	Non IG	P&I	Total	IGP8	а	Non IG	P&I	Total
General Cargo Ships	3,149	2.6%	135	3.0%	3,283	2,921	1.7%			2,921
Specialized Cargo Ships	751	0.6%			751	778	0.5%	81	1.6%	859
Container Ships	16,350	13.7%	171	3.8%	16,520	43,335	25.3%	264	5.1%	43,598
Ro-Ro Cargo Ships	15,456	12.9%	401	9.0%	15,857	10,602	6.2%	119	2.3%	10,721
Bulk Carriers	51,573	43.1%	2,743	61.4%	54,316	50,153	29.2%	2,474	47.7%	52,627
Oil and Chemical Tankers	24,119	20.2%	617	13.8%	24,736	51,628	30.1%	1,234	23.8%	52,862
Gas Tankers	3,284	2.7%	132	3.0%	3,416	4,858	2.8%			4,858
Other Tankers						128	0.1%	30	0.6%	158
Passenger Ships	4,198	3.5%	53	1.2%	4,251	4,945	2.9%	105	2.0%	5,050
Offshore Vessels	727	0.6%	190	4.2%	917	1,167	0.7%	398	7.7%	1,565
Service Ships	33	0.0%	30	0.7%	63	1,026	0.6%	484	9.3%	1,510
Tugs										
Total	119,640	100%	4,470	100%	124,110	171,540	100%	5,189	100%	176,729

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

Graph 109 - Total number of large ships, by P&I status and flag– 2008



Graph 110 - Gross tonnage of large ships, by P&I status and flag - 2008



VERY LARGE SHIPS

Chin Trune		Tai	rgeted flag	1			Non	Targeted f	lag	
Ship Type	IGP8	J	Non IG	P&I	Total	IGP8	ı	Non IG	P&I	Total
General Cargo Ships										
Specialized Cargo Ships						1	0.1%			1
Container Ships	201	16.2%	2	9.1%	203	420	22.4%			420
Ro-Ro Cargo Ships	43	3.5%			43	42	2.2%			42
Bulk Carriers	418	33.7%	6	27.3%	424	422	22.5%	5	13.2%	427
Oil and Chemical Tankers	358	28.8%	9	40.9%	367	723	38.6%	8	21.1%	731
Gas Tankers	95	7.6%	1	4.5%	96	172	9.2%			172
Other Tankers										
Passenger Ships	75	6.0%	1	4.5%	76	36	1.9%			36
Offshore Vessels	52	4.2%	3	13.6%	55	41	2.2%	25	65.8%	66
Service Ships						18	1.0%			18
Tugs										
Total	1,242	100%	22	100%	1,264	1,875	100%	38	100%	1,913

Table 111 - P&I status : total number of very large⁽¹⁾ ships, by type and flag- 2008

Source: Equasis - ⁽¹⁾ GT 60.000

Table 112 - P&I status : gross tonnage (in 1000 t) of very large⁽¹⁾ ships, by type and flag- 2008

Chin Trune		Tai	rgeted flag	1			Non	Targeted f	lag	
Ship Type	IGP8	I	Non IG	P&I	Total	IGP8	I	Non IG	SP&I	Total
General Cargo Ships										
Specialized Cargo Ships						64	0.0%			64
Container Ships	15,938	12.8%	170	8.5%	16,108	34,365	19.1%			34,365
Ro-Ro Cargo Ships	2,689	2.2%			2,689	2,752	1.5%			2,752
Bulk Carriers	38,097	30.5%	469	23.5%	38,566	37,617	20.9%	372	8.6%	37,990
Oil and Chemical Tankers	44,871	36.0%	966	48.4%	45,837	79,263	44.0%	935	21.7%	80,197
Gas Tankers	10,185	8.2%	119	6.0%	10,304	17,490	9.7%			17,490
Other Tankers										
Passenger Ships	7,026	5.6%	77	3.8%	7,103	3,194	1.8%			3,194
Offshore Vessels	5,960	4.8%	195	9.8%	6,155	4,036	2.2%	2,999	69.6%	7,035
Service Ships						1,264	0.7%			1,264
Tugs										
Total	124,766	100%	1,996	100%	126,762	180,046	100%	4,305	100%	184,352

Source: Equasis - ⁽¹⁾ GT 60.000

Graph 111 - Total number of very large ships, by P&I status and flag– 2008



Graph 112 - Gross tonnage of very large ships, by P&I status and flag – 2008



4.5. SAFETY PERFORMANCE

WHOLE FLEET GT≥500

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.46%	10.56%	6.93%
Specialized Cargo Ships	2.91%	18.56%	4.76%
Container Ships	1.34%	5.31%	1.56%
Ro-Ro Cargo Ships	2.07%	10.62%	2.90%
Bulk Carriers	2.86%	11.53%	3.66%
Oil and Chemical Tankers	1.70%	10.89%	2.30%
Gas Tankers	1.60%	7.22%	1.89%
Other Tankers	3.83%	14.81%	7.25%
Passenger Ships	1.34%	7.90%	2.14%
Offshore Vessels	3.86%	10.16%	5.42%
Service Ships	2.53%	10.76%	6.49%
Tugs	3.69%	9.17%	5.38%
Total	2.43%	10.49%	4.27%

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

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	3.61%	10.56%	7.12%
Specialized Cargo Ships	2.54%	17.89%	4.95%
Container Ships	1.81%	5.49%	2.25%
Ro-Ro Cargo Ships	3.32%	11.05%	5.01%
Bulk Carriers	3.53%	11.97%	4.99%
Oil and Chemical Tankers	2.50%	11.20%	3.50%
Gas Tankers	2.25%	7.78%	2.66%
Other Tankers	4.08%	15.30%	7.65%
Passenger Ships	2.34%	7.91%	3.61%
Offshore Vessels	3.87%	10.16%	5.45%
Service Ships	2.57%	10.77%	6.54%
Tugs	3.69%	9.17%	5.38%
Total	3.11%	10.55%	5.62%

Table 114 - Medium⁽¹⁾ ships detention rates^(*), by type and P&I status - 2008

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

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	0.96%		0.96%
Specialized Cargo Ships	3.79%	50.00%	4.23%
Container Ships	1.23%	2.94%	1.25%
Ro-Ro Cargo Ships	1.55%	5.00%	1.59%
Bulk Carriers	2.35%	9.44%	2.57%
Oil and Chemical Tankers	1.00%	4.26%	1.01%
Gas Tankers	0.72%	0.00%	0.70%
Other Tankers	0.00%	0.00%	0.00%
Passenger Ships	0.73%	0.00%	0.73%
Offshore Vessels	8.33%		8.33%
Service Ships	0.00%	0.00%	0.00%
Tugs			
Total	1.67%	8.10%	1.78%

Table 115 - Large⁽¹⁾ ships detention rates^(*), by type and P&I status – 2008

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

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships			
Specialized Cargo Ships			
Container Ships	0.48%	0.00%	0.47%
Ro-Ro Cargo Ships	0.17%		0.17%
Bulk Carriers	2.59%	6.82%	2.63%
Oil and Chemical Tankers	0.51%	3.70%	0.53%
Gas Tankers	0.31%	0.00%	0.31%
Other Tankers			
Passenger Ships	0.12%	8.33%	0.23%
Offshore Vessels	0.00%		0.00%
Service Ships	0.00%		0.00%
Tugs			
Total	1.08%	5.43%	1.11%

Table 116 - Very large⁽¹⁾ ships detention rates^(*), by type and P&I status - 2008

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

Chapter 5

5. Port State Control

INTRODUCTION

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

SHIPS WITHOUT INSPECTION RECORD

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

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

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

RESULTS

Table 117 reveals that of 48507 ships in the fleet included in EQUASIS over 500GT 61% (29879) were inspected at least once in the period 2006-2008 and over 83% by tonnage. Table 119 shows that the number of individual ships inspected increased steadily in the period 2002 to 2008.

The frequency of inspection of ships has remained fairly constant with around a third of inspected ships inspected once and a third inspected twice in each year. Graph 119 shows that the number of ships inspected more than a three times in a year generally remains the same over the five year period.

Regionally Table 120 and Graph 120 indicate that in 2008 there was a greater tendency towards multiple inspections of ships in the Tokyo MoU region than in the other regions.

A comparison of Tables 119 and 121 shows that of the 26017 individual ships inspected in at least one of the regions, 265 (1%) were inspected at least once in all four regions during 2008. 1573 (6%) were inspected in three regions. 6039 (23%) were inspected in two regions. The remaining 69% of the ships were inspected in only one of the regions.

Graph 122 shows that the vast majority (93%) of ships without an inspection record are in the medium-sized category. A comparison of Tables 1 and 122 shows that of the 37335 medium-sized ships 17404 (46%) have no record in 2008. Graph 142

indicates that for medium-sized ships the rate of those with no record was lower for targeted flag ships than for non-targeted flags (19% compared with 25%). For large and very large ships the proportion of ships without an inspection record falls to 4% and 2.5% respectively.

By age, just over half (52%) of ships without a record were over 25 years old (Table 124 and Graph 124). Similarly by class, 48% has no class recorded, while just 6.2% of ships without an inspection were recorded as classed by non-IACS members (Graph 132).
5.1. INSPECTION FREQUENCY

INSPECTIONS RECORDS IN EQUASIS

Ship type	Inspect	ted	No rec	ord	Tota	I				
General Cargo Ships	9,177	30.7%	4,634	24.9%	13,811	28.5%				
Specialized Cargo Ships	161	0.5%	74	0.4%	235	0.5%				
Container Ships	4,170	14.0%	471	2.5%	4,641	9.6%				
Ro-Ro Cargo Ships	1,276	4.3%	360	1.9%	1,636	3.4%				
Bulk Carriers	6,290	21.1%	1,066	5.7%	7,356	15.2%				
Oil and Chemical Tankers	5,685	19.0%	3,763	20.2%	9,448	19.5%				
Gas Tankers	889	3.0%	519	2.8%	1,408	2.9%				
Other Tankers	127	0.4%	106	0.6%	233	0.5%				
Passenger Ships	804	2.7%	2,195	11.8%	2,999	6.2%				
Offshore Vessels	719	2.4%	2,820	15.1%	3,539	7.3%				
Service Ships	426	1.4%	1,898	10.2%	2,324	4.8%				
Tugs	155	0.5%	722	3.9%	877	1.8%				
Total	29,879	100%	18,628	100%	48,507	100%				

Table 117 - Total number of inspected ships GT≥500 recorded in Equasis, by type – 2006-2008

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

Table 118 - Gross tonnage (in 1000 t) of inspected ships GT≥500 recorded in Equasis, by type – 2006-2008

Chin turna	Tu an a d		N.s. s.s.s.		Tatal			
Ship type	Inspect	ea	No reco	ora	Tota			
General Cargo Ships	50,599	7.3%	11,938	8.8%	62,537	7.6%		
Specialized Cargo Ships	2,601	0.4%	397	0.3%	2,998	0.4%		
Container Ships	130,434	18.9%	9,020	<mark>6.</mark> 6%	139,454	16.9%		
Ro-Ro Cargo Ships	37,943	5.5%	3,228	2.4%	41,171	5.0%		
Bulk Carriers	213,620	30.9%	18,336	13.5%	231,956	28.1%		
Oil and Chemical Tankers	197,999	28.7%	43,426	32.0%	241,425	29.2%		
Gas Tankers	28,328	4.1%	12,512	9.2%	40,840	4.9%		
Other Tankers	617	0.1%	173	0.1%	790	0.1%		
Passenger Ships	22,827	3.3%	8,975	6.6%	31,803	3.8%		
Offshore Vessels	3,315	0.5%	18,902	13.9%	22,216	2.7%		
Service Ships	2,044	0.3%	8,264	6.1%	10,308	1.2%		
Tugs	210	0.0%	659	0.5%	868	0.1%		
Total	690,536	100%	135,830	100%	826,366	100%		

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



Graph 117 - Total number of inspected ships GT≥500 recorded in Equasis, by type – 2006-2008







European Maritime Safety Agency

MULTIPLE INSPECTIONS

Table 119 - Total number of individual ships inspected^(*), by number of inspections per ship – 2002-2008

Number of inspections		Number of ships inspected													
per ship	200)2	2003		2004		2005		200)6	2007		2008		
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%	
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%	
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	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%	
5	733	3.5%	1,027	4.8%	981	4.4%	1,049	4.5%	830	3.5%	972	3.8%	795	3.1%	
More than 5	292	1.4%	700	3.3%	726	3.3%	703	3.0%	552	2.3%	859	3.4%	671	2.6%	
Total	20,680	100%	21,433	100%	22,176	100%	23,244	100%	23,849	100%	25,638	100%	26,017	100%	

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



Graph 119 -Total number of individual ships inspected^(*), by number of inspections per ship – 2002-2008

(*) Existing ship types in Equasis

INSPECTION FREQUENCY BY PSC REGIONS

Number of inspections		Number of ships inspected										
per ship	Paris MoU		Tokyo MoU		IO M	oU	US Coast Guard					
1	8,073	54.9%	5,511	53.6%	2,509	87.9%	5,009	68.4%				
2	4,712	32.0%	2,777	27.0%	337	11.8%	1,615	22.1%				
3	1,315	8.9%	1,048	10.2%	8	0.3%	436	6.0%				
4	352	2.4%	450	4.4%			161	2.2%				
5	145	1.0%	223	2.2%			47	0.6%				
More than 5	121	0.8%	269	2.6%			54	0.7%				
Total	14,718	100%	10,278	100%	2,854	100%	7,322	100%				

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

 2008

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

Graph 120 - Total number of individual ships inspected^(*), by number of inspection per ship and PSC region – 2008



(*) All existing ship types in Equasis

INSPECTIONS IN MORE THAN ONE REGION

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

Table 121 - Total number of individual ships inspected per number of PSC regions – 2008

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



Graph 121 - Ships inspected per number of PSC regions, by type – 2008

5.2. SHIPS WITHOUT INSPECTION RECORD

WHOLE FLEET GT≥500

Ship Type	Mediu	m ⁽¹⁾	Large	e ⁽²⁾	Very La	rge ⁽³⁾	Total	
General Cargo Ships	4,628	26.6%	6	0.8%			4,634	24.9%
Specialized Cargo Ships	72	0.4%	1	0.1%	1	0.2%	74	0.4%
Container Ships	360	2.1%	84	11.2%	27	5.7%	471	2.5%
Ro-Ro Cargo Ships	330	1.9%	24	3.2%	6	1.3%	360	1.9%
Bulk Carriers	837	4.8%	186	24.8%	43	9.1%	1,066	5.7%
Oil and Chemical Tankers	3,294	18.9%	288	38.5%	181	38.1%	3,763	20.2%
Gas Tankers	399	2.3%	31	4.1%	89	18.7%	519	2.8%
Other Tankers	106	0.6%					106	0.6%
Passenger Ships	2,148	12.3%	44	5.9%	3	0.6%	2,195	11.8%
Offshore Vessels	2,662	15.3%	50	6.7%	108	22.7%	2,820	15.1%
Service Ships	1,846	10.6%	35	4.7%	17	3.6%	1,898	10.2%
Tugs	722	4.1%					722	3.9%
Total	17,404	100%	749	100%	475	100%	18,628	100%

Table 122 - Total number ships GT≥500without inspection record, by type and size – 2006-2008

Source: Equasis / $^{(1)}$ 500 GT<25.000 - $^{(2)}$ 25.000 \leq GT<60.000 - $^{(3)}$ GT 60.000

Table 123 - Gross tonnage (in 1000 t) ships GT≥500 without inspection record, by type and size – 2006-2008

Ship Type	Mediu	m ⁽¹⁾	Large	e ⁽²⁾	Very La	rge ⁽³⁾	Tota	ıl
General Cargo Ships	11,730	21.3%	208	0.7%			11,938	8.8%
Specialized Cargo Ships	291	0.5%	43	0.2%	64	0.1%	397	0.3%
Container Ships	3,554	6.5%	2,969	10.6%	2,497	4.7%	9,020	6.6%
Ro-Ro Cargo Ships	1,887	3.4%	956	3.4%	384	0.7%	3,228	2.4%
Bulk Carriers	7,247	13.2%	6,388	22.7%	4,701	8.9%	18,336	13.5%
Oil and Chemical Tankers	10,738	19.5%	11,092	39.4%	21,596	41.0%	43,426	32.0%
Gas Tankers	1,165	2.1%	1,422	5.1%	9,925	18.8%	12,512	9.2%
Other Tankers	173	0.3%					173	0.1%
Passenger Ships	7,221	13.1%	1,439	5.1%	316	0.6%	8,975	6.6%
Offshore Vessels	4,717	8.6%	2,197	7.8%	11,988	22.8%	18,902	13.9%
Service Ships	5,658	10.3%	1,411	5.0%	1,195	2.3%	8,264	6.1%
Tugs	659	1.2%					659	0.5%
Total	55,039	100%	28,125	100%	52,666	100%	135,830	100%

Source: Equasis / $^{(1)}$ 500 GT<25.000 - $^{(2)}$ 25.000 \leq GT<60.000 - $^{(3)}$ GT 60.0

Graph 122 - Total number of ships GT≥500 without inspection record, by size – 2006-2008



Graph 123 - Gross tonnage of ships GT≥500 without inspection record, by size – 2006-2008



5.3. SHIPS WITHOUT INSPECTION RECORD - BY AGE WHOLE FLEET >500GT

Table 124 - Total number of ships GT≥500 without inspection record, by type and age - 2006-2008

Ship Type	0-4		5-14	4	15-2	4	25+	+	Tota	I
General Cargo Ships	418	14.8%	365	13.9%	709	21.0%	3,142	32.0%	4,634	24.9%
Specialized Cargo Ships	8	0.3%	5	0.2%	10	0.3%	51	0.5%	74	0.4%
Container Ships	207	7.3%	83	3.2%	58	1.7%	123	1.3%	471	2.5%
Ro-Ro Cargo Ships	37	1.3%	70	2.7%	75	2.2%	178	1.8%	360	1.9%
Bulk Carriers	154	5.5%	128	4.9%	301	8.9%	483	4.9%	1,066	5.7%
Oil and Chemical Tankers	643	22.8%	467	17.8%	839	24.9%	1,814	18.5%	3,763	20.2%
Gas Tankers	129	4.6%	107	4.1%	89	2.6%	194	2.0%	519	2.8%
Other Tankers	8	0.3%	15	0.6%	15	0.4%	68	0.7%	106	0.6%
Passenger Ships	210	7.4%	527	20.1%	497	14.8%	961	9.8%	2,195	11.8%
Offshore Vessels	748	26.5%	470	17.9%	303	9.0%	1,299	13.2%	2,820	15.1%
Service Ships	151	5.4%	289	11.0%	387	11.5%	1,071	10.9%	1,898	10.2%
Tugs	108	3.8%	100	3.8%	86	2.6%	428	4.4%	722	3.9%
Total	2,821	100%	2,626	100%	3,369	100%	9,812	100%	18,628	100%

Source: Equasis

Table 125 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and age - 2006-2008

Ship Type	0-4		5-14	5-14 15-24		.4	25+	÷	Tota	d 👘
General Cargo Ships	1,176	2.6%	597	2.8%	1,818	7.2%	8,346	18.7%	11,938	8.8%
Specialized Cargo Ships	99	0.2%	23	0.1%	136	0.5%	139	0.3%	397	0.3%
Container Ships	6,073	13.5%	848	4.0%	964	3.8%	1,135	2.5%	9,020	6.6%
Ro-Ro Cargo Ships	1,076	2.4%	692	3.2%	460	1.8%	999	2.2%	3,228	2.4%
Bulk Carriers	6,028	13.4%	856	4.0%	5,169	20.6%	6,283	14.1%	18,336	13.5%
Oil and Chemical Tankers	16,144	36.0%	6,212	29.1%	10,613	42.3%	10,458	23.5%	43,426	32.0%
Gas Tankers	7,391	16.5%	3,021	14.2%	576	2.3%	1,525	3.4%	12,512	9.2%
Other Tankers	28	0.1%	17	0.1%	16	0.1%	112	0.3%	173	0.1%
Passenger Ships	1,364	3.0%	2,818	13.2%	1,831	7.3%	2,962	6.6%	8,975	6.6%
Offshore Vessels	4,302	9.6%	3,901	18.3%	1,906	7.6%	8,793	19.7%	18,902	13.9%
Service Ships	1,038	2.3%	2,254	10.6%	1,522	6.1%	3,450	7.7%	8,264	6.1%
Tugs	116	0.3%	92	0.4%	77	0.3%	374	0.8%	659	0.5%
Total	44,836	100%	21,330	100%	25,087	100%	44,576	100%	135,830	100%

Source: Equasis

Graph 124 - Total number of ships GT≥500 without inspection record, by age - 2006-2008



Graph 125 - Gross tonnage of ships GT≥500 without inspection record, by age - 2006-2008



MEDIUM SHIPS

Ship Type	0-4		5-14	4	15-2	4	25+	F	Tota	d 👘
General Cargo Ships	418	18.1%	365	15.1%	705	22.6%	3,140	32.9%	4,628	26.6%
Specialized Cargo Ships	8	0.3%	5	0.2%	8	0.3%	51	0.5%	72	0.4%
Container Ships	122	5.3%	76	3.1%	52	1.7%	110	1.2%	360	2.1%
Ro-Ro Cargo Ships	19	0.8%	65	2.7%	73	2.3%	173	1.8%	330	1.9%
Bulk Carriers	62	2.7%	116	4.8%	232	7.4%	427	4.5%	837	4.8%
Oil and Chemical Tankers	451	19.5%	406	16.7%	709	22.7%	1,728	18.1%	3,294	18.9%
Gas Tankers	57	2.5%	80	3.3%	85	2.7%	177	1.9%	399	2.3%
Other Tankers	8	0.3%	15	0.6%	15	0.5%	68	0.7%	106	0.6%
Passenger Ships	198	8.6%	500	20.6%	492	15.8%	958	10.0%	2,148	12.3%
Offshore Vessels	720	31.1%	427	17.6%	285	9.1%	1,230	12.9%	2,662	15.3%
Service Ships	144	6.2%	269	11.1%	377	12.1%	1,056	11.1%	1,846	10.6%
Tugs	108	4.7%	100	4.1%	86	2.8%	428	4.5%	722	4.1%
Total	2,315	100%	2,424	100%	3,119	100%	9,546	100%	17,404	100%

Source: Equasis / (1) 500 GT<25.000

Table 127 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and age – 2006-2008

Ship Type	0-4		5-14	4	15-2	24	25+	F	Total	
General Cargo Ships	1,176	12.6%	597	7.6%	1,684	16.1%	8,273	30.2%	11,730	21.3%
Specialized Cargo Ships	99	1.1%	23	0.3%	29	0.3%	139	0.5%	291	0.5%
Container Ships	1,463	15.7%	659	8.4%	685	6.5%	747	2.7%	3,554	6.5%
Ro-Ro Cargo Ships	199	2.1%	437	5.5%	399	3.8%	852	3.1%	1,887	3.4%
Bulk Carriers	629	6.7%	523	6.6%	1,882	18.0%	4,213	15.4%	7,247	13.2%
Oil and Chemical Tankers	2,176	23.3%	1,428	18.1%	2,162	20.6%	4,972	18.2%	10,738	19.5%
Gas Tankers	367	3.9%	206	2.6%	209	2.0%	383	1.4%	1,165	2.1%
Other Tankers	28	0.3%	17	0.2%	16	0.2%	112	0.4%	173	0.3%
Passenger Ships	776	8.3%	1,907	24.2%	1,680	16.0%	2,858	10.4%	7,221	13.1%
Offshore Vessels	1,555	16.7%	975	12.4%	514	4.9%	1,673	6.1%	4,717	8.6%
Service Ships	747	8.0%	1,009	12.8%	1,146	10.9%	2,755	10.1%	5,658	10.3%
Tugs	116	1.2%	92	1.2%	77	0.7%	374	1.4%	659	1.2%
Total	9,331	100%	7,872	100%	10,484	100%	27,352	100%	55,039	100%

Source: Equasis / (1) 500 GT<25.000





Graph 127 - Gross tonnage of medium ships without inspection record, by age – 2006-2008



LARGE SHIPS

Ship Type	0-4		5-14	1	15-2	4	25+		Tota	I
General Cargo Ships					4	2.1%	2	1.2%	6	0.8%
Specialized Cargo Ships					1	0.5%			1	0.1%
Container Ships	59	20.2%	7	6.6%	5	2.7%	13	8.0%	84	11.2%
Ro-Ro Cargo Ships	14	4.8%	3	2.8%	2	1.1%	5	3.1%	24	3.2%
Bulk Carriers	61	20.9%	12	11.3%	59	31.4%	54	33.1%	186	24.8%
Oil and Chemical Tankers	113	38.7%	29	27.4%	93	49.5%	53	32.5%	288	38.5%
Gas Tankers	17	5.8%	3	2.8%	1	0.5%	10	6.1%	31	4.1%
Other Tankers										
Passenger Ships	9	3.1%	27	25.5%	5	2.7%	3	1.8%	44	5.9%
Offshore Vessels	12	4.1%	19	17.9%	8	4.3%	11	6.7%	50	6.7%
Service Ships	7	2.4%	6	5.7%	10	5.3%	12	7.4%	35	4.7%
Tugs										
Total	292	100%	106	100%	188	100%	163	100%	749	100%

Source: Equasis / ⁾25.000≤GT<60.000

Table 129 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and age – 2006-2008

Ship Type	0-4		5-14	1	15-2	4	25+		Tota	I
General Cargo Ships					135	1.9%	74	1.2%	208	0.7%
Specialized Cargo Ships					43	0.6%			43	0.2%
Container Ships	2,175	19.4%	189	4.9%	217	3.1%	388	6.5%	2 <mark>,</mark> 969	10.6%
Ro-Ro Cargo Ships	624	5.6%	125	3.2%	60	0.9%	147	2.5%	956	3.4%
Bulk Carriers	2,267	20.2%	333	8.6%	1,852	26.2%	1,936	32.4%	6,388	22.7%
Oil and Chemical Tankers	4,281	38.2%	1,045	27.0%	3,841	54.4%	1,926	32.2%	11,092	39.4%
Gas Tankers	783	7.0%	134	3.5%	49	0.7%	456	7.6%	1,422	5.1%
Other Tankers										
Passenger Ships	272	2.4%	912	23.5%	151	2.1%	105	1.7%	1,439	5.1%
Offshore Vessels	514	4.6%	889	23.0%	341	4.8%	452	7.6%	2,197	7.8%
Service Ships	291	2.6%	247	6.4%	375	5.3%	498	8.3%	1,411	5.0%
Tugs										
Total	11,208	100%	3,873	100%	7,064	100%	5,980	100%	28,125	100%

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





Graph 129 - Gross tonnage of large ships without inspection record, by age – 2006-2008



VERY LARGE SHIPS

Ship Type	0-4		5-14	4	15-2	4	25+		Tota	l i
General Cargo Ships										
Specialized Cargo Ships					1	1.6%			1	0.2%
Container Ships	26	12.1%			1	1.6%			27	5.7%
Ro-Ro Cargo Ships	4	1.9%	2	2.1%					6	1.3%
Bulk Carriers	31	14.5%			10	16.1%	2	1.9%	43	9.1%
Oil and Chemical Tankers	79	36.9%	32	33.3%	37	59.7%	33	32.0%	181	38.1%
Gas Tankers	55	25.7%	24	25.0%	3	4.8%	7	6.8%	89	18.7%
Other Tankers										
Passenger Ships	3	1.4%							3	0.6%
Offshore Vessels	16	7.5%	24	25.0%	10	16.1%	58	56.3%	108	22.7%
Service Ships			14	14.6%			3	2.9%	17	3.6%
Tugs										
Total	214	100%	96	100%	62	100%	103	100%	475	100%

Table 130 - Total number of very large⁽¹⁾ ships without inspection record, by type and age – 2006-2008

Source: Equasis / (1) GT 60.000



Ship Type	0-4		5-14	1	15-2	4	25+	Tota 64 2,497 384 1.2% 4,701 31.7% 21,596 6.1% 9,925 316	d 🗌	
General Cargo Ships										
Specialized Cargo Ships					64	0.9%			64	0.1%
Container Ships	2,435	10.0%			62	0.8%			2,497	4.7%
Ro-Ro Cargo Ships	254	1.0%	131	1.4%					384	0.7%
Bulk Carriers	3,132	12.9%			1,435	19.0%	134	1.2%	4,701	8.9%
Oil and Chemical Tankers	9,688	39.9%	3,739	39.0%	4,610	61.2%	3,560	31.7%	21,596	41.0%
Gas Tankers	6,240	25.7%	2,681	28.0%	318	4.2%	686	6.1%	9,925	18.8%
Other Tankers										
Passenger Ships	316	1.3%							316	0.6%
Offshore Vessels	2,232	9.2%	2,037	21.3%	1,050	13.9%	6,668	59.3%	11,988	22.8%
Service Ships			998	10.4%			197	1.7%	1,195	2.3%
Tugs										
Total	24,297	100%	9,585	100%	7,539	100%	11,245	100%	52,666	100%

Source: Equasis / ⁽¹⁾ GT 60.000

Graph 130 - Total number of very large ships without inspection record, by age – 2006-2008



Graph 131 - Gross tonnage of very large ships without inspection record, by age – 2006-2008



5.4. SHIPS WITHOUT INSPECTION RECORD - BY CLASS WHOLE FLEET GT≥500

Table 132 - Total number of ships GT≥500 without inspection record, by type and class – 2006-2008

Ship Type	IAC	5	Non I/	ACS	Class not r	ecorded	Tota	d 👘
General Cargo ships	789	9.3%	614	53.1%	3,231	35.9%	4,634	24.9%
Specialized Cargo ships	27	0.3%	7	0.6%	40	0.4%	74	0.4%
Container ships	311	3.7%	28	2.4%	132	1.5%	471	2.5%
Ro-Ro Cargo ships	186	2.2%	16	1.4%	158	1.8%	360	1.9%
Bulk Carriers	490	5.8%	45	3.9%	531	5.9%	1,066	5.7%
Oil and Chemical Tankers	1,957	23.1%	168	14.5%	1,638	18.2%	3,763	20.2%
Gas Tankers	356	4.2%	5	0.4%	158	1.8%	519	2.8%
Other Tankers	41	0.5%	12	1.0%	53	0.6%	106	0.6%
Passenger ships	752	8.9%	192	16.6%	1,251	13.9%	2,195	11.8%
Offshore Vessels	2,238	26.4%	22	1.9%	560	6.2%	2,820	15.1%
Service ships	847	10.0%	31	2.7%	1,020	11.3%	1,898	10.2%
Tugs	484	5.7%	16	1.4%	222	2.5%	722	3.9%
Total	8,478	100%	1,156	100%	8,994	100%	18,628	100%

Source: Equasis - IACS membership on 31/12/2008

Table 133 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and class – 2006-2008

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	al
General Cargo ships	2,774	2.8%	1,141	42.2%	8,023	23.5%	11,938	8.8%
Specialized Cargo ships	260	0.3%	30	1.1%	108	0.3%	397	0.3%
Container ships	6,619	6.7%	123	4.5%	2,279	6.7%	9,020	6.6%
Ro-Ro Cargo ships	2,397	2.4%	105	3.9%	726	2.1%	3,228	2.4%
Bulk Carriers	11,595	11.7%	139	5.1%	6,603	19.3%	18,336	13.5%
Oil and Chemical Tankers	37,231	37.6%	433	16.0%	5,763	16.9%	43,426	32.0%
Gas Tankers	11,109	11.2%	7	0.3%	1,396	4.1%	12,512	9.2%
Other Tankers	90	0.1%	18	0.7%	64	0.2%	173	0.1%
Passenger ships	5,119	5.2%	559	20.7%	3,297	9.7%	8,975	6.6%
Offshore Vessels	15,589	15.8%	103	3.8%	3,209	9.4%	18,902	13.9%
Service ships	5,730	5.8%	34	1.3%	2,500	7.3%	8,264	6.1%
Tugs	465	0.5%	12	0.5%	181	0.5%	659	0.5%
Total	98,978	100%	2,704	100%	34,148	100%	135,830	100%

Source: Equasis - IACS membership on 31/12/2008

Graph 132 - Total number of ships GT≥500 without inspection record, by class – 2006-2008



Graph 133 - Gross tonnage of ships GT≥500 without inspection record, by class – 2006-2008



MEDIUM SHIPS

Ship Type	IACS	5	Non IA	CS	Class not re	ecorded	Tota	I
General Cargo ships	784	10.5%	614	53.2%	3,230	36.7%	4,628	26.6%
Specialized Cargo ships	25	0.3%	7	0.6%	40	0.5%	72	0.4%
Container ships	226	3.0%	28	2.4%	106	1.2%	360	2.1%
Ro-Ro Cargo ships	160	2.2%	16	1.4%	154	1.7%	330	1.9%
Bulk Carriers	325	4.4%	45	3.9%	467	5.3%	837	4.8%
Oil and Chemical Tankers	1,531	20.6%	167	14.5%	1,596	18.1%	3,294	18.9%
Gas Tankers	246	3.3%	5	0.4%	148	1.7%	399	2.3%
Other Tankers	41	0.6%	12	1.0%	53	0.6%	106	0.6%
Passenger ships	708	9.5%	192	16.6%	1,248	14.2%	2,148	12.3%
Offshore Vessels	2,110	28.4%	21	1.8%	531	6.0%	2,662	15.3%
Service ships	799	10.7%	31	2.7%	1,016	11.5%	1,846	10.6%
Tugs	484	6.5%	16	1.4%	222	2.5%	722	4.1%
Total	7,439	100%	1,154	100%	8,811	100%	17,404	100%

Table 134 - Total number of medium⁽¹⁾ ships without inspection record, by type and class – 2006-2008

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Table 135 - Gross tonnage (in 1000 t) of ships without inspection record, by type and class - 2006-2008

Ship Type	IAC	S	Non I/	ACS	Class not r	ecorded	Tota	il
General Cargo ships	2,604	9.0%	1,141	44.2%	7,985	34.0%	11,730	21.3%
Specialized Cargo ships	153	0.5%	30	1.2%	108	0.5%	291	0.5%
Container ships	2,845	9.8%	123	4.8%	586	2.5%	3,554	6.5%
Ro-Ro Cargo ships	1,214	4.2%	105	4.1%	568	2.4%	1,887	3.4%
Bulk Carriers	2,939	10.1%	139	5.4%	4,169	17.8%	7,247	13.2%
Oil and Chemical Tankers	7,068	24.4%	386	14.9%	3,284	14.0%	10,738	19.5%
Gas Tankers	959	3.3%	7	0.3%	199	0.8%	1,165	2.1%
Other Tankers	90	0.3%	18	0.7%	64	0.3%	173	0.3%
Passenger ships	3,469	12.0%	559	21.7%	3,193	13.6%	7,221	13.1%
Offshore Vessels	3,927	13.5%	28	1.1%	762	3.2%	4,717	8.6%
Service ships	3,270	11.3%	34	1.3%	2,354	10.0%	5,658	10.3%
Tugs	465	1.6%	12	0.5%	181	0.8%	659	1.2%
Total	29,004	100%	2,581	100%	23,453	100%	55,039	100%

Source: Equasis - (1) 500 GT<25.000 - IACS membership on 31/12/2008

Graph 134 - Total number of medium ships without inspection record, by class – 2006-2008



Graph 135 - Gross tonnage of medium ships without inspection record, by class – 2006-2008



LARGE SHIPS

Ship Type	IACS	5	Non I/	ACS	Class not re	ecorded	6 1 84 24 186 288 31 44 50	I
General Cargo ships	5	0.8%			1	0.8%	6	0.8%
Specialized Cargo ships	1	0.2%					1	0.1%
Container ships	70	11.2%			14	11.5%	84	11.2%
Ro-Ro Cargo ships	21	3.4%			3	2.5%	24	3.2%
Bulk Carriers	129	20.6%			57	46.7%	186	24.8%
Oil and Chemical Tankers	258	41.2%	1	100.0%	29	23.8%	288	38.5%
Gas Tankers	29	4.6%			2	1.6%	31	4.1%
Other Tankers								
Passenger ships	41	6.5%			3	2.5%	44	5.9%
Offshore Vessels	41	6.5%			9	7.4%	50	6.7%
Service ships	31	5.0%			4	3.3%	35	4.7%
Tugs								
Total	626	100%	1	100%	122	100%	749	100%

Table 136 - Total number of large⁽¹⁾ ships without inspection record, by type and class - 2006-2008

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Table 137 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and class – 2006-2008

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	al 👘
General Cargo ships	170	0.7%			38	0.9%	208	0.7%
Specialized Cargo ships	43	0.2%					43	0.2%
Container ships	2,487	10.5%			482	11.1%	2,969	10.6%
Ro-Ro Cargo ships	859	3.6%			97	2.2%	956	3.4%
Bulk Carriers	4,552	19.2%			1,836	42.2%	6,388	22.7%
Oil and Chemical Tankers	9,899	41.7%	47	100.0%	1,146	26.3%	11,092	39.4%
Gas Tankers	1,329	5.6%			93	2.1%	1,422	5.1%
Other Tankers								
Passenger ships	1,334	5.6%			105	2.4%	1,439	5.1%
Offshore Vessels	1,787	7.5%			410	9.4%	2,197	7.8%
Service ships	1,265	5.3%			145	3.3%	1,411	5.0%
Tugs								
Total	23,726	100%	47	100%	4,352	100%	28,125	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2008

Graph 136 - Total number of large ships without inspection record, by class – 2006-2008



Graph 137 - Gross tonnage of large ships without inspection record, by class – 2006-2008



VERY LARGE SHIPS

Ship Type	IACS	5	Non I/	ACS	Class not r	ecorded	Tota	l.
General Cargo ships								
Specialized Cargo ships	1	0.2%					1	0.2%
Container ships	15	3.6%			12	19.7%	27	5.7%
Ro-Ro Cargo ships	5	1.2%			1	1.6%	6	1.3%
Bulk Carriers	36	8.7%			7	11.5%	43	9.1%
Oil and Chemical Tankers	168	40.7%			13	21.3%	181	38.1%
Gas Tankers	81	19.6%			8	13.1%	89	18.7%
Other Tankers								
Passenger ships	3	0.7%					3	0.6%
Offshore Vessels	87	21.1%	1	100.0%	20	32.8%	108	22.7%
Service ships	17	4.1%					17	3.6%
Tugs								
Total	413	100%	1	100%	61	100%	475	100%

Table 138 - Total number of very large⁽¹⁾ ships without inspection record, by type and class – 2006-2008

Source: Equasis - ⁽¹⁾ GT 60.000 - IACS membership on 31/12/2008

Ship Type	IACS	5	Non I/	ACS	Class not re	ecorded	Tota	I
General Cargo ships								
Specialized Cargo ships	64	0.1%					64	0.1%
Container ships	1,287	2.8%			1,210	19.1%	2,497	4.7%
Ro-Ro Cargo ships	324	0.7%			60	0.9%	384	0.7%
Bulk Carriers	4,103	8.9%			597	9.4%	4,701	8.9%
Oil and Chemical Tankers	20,263	43.8%			1,333	21.0%	21,596	41.0%
Gas Tankers	8,821	19.1%			1,104	17.4%	9,925	18.8%
Other Tankers								
Passenger ships	316	0.7%					316	0.6%
Offshore Vessels	9,875	21.4%	75	100.0%	2,037	32.1%	11,988	22.8%
Service ships	1,195	2.6%					1,195	2.3%
Tugs								
Total	46,248	100%	75	100%	6,343	100%	52,666	100%

Table 139 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and class – 2006-2008

Source: Equasis - ⁽¹⁾ GT 60.000 - IACS membership on 31/12/2008

Graph 138 -Total number of very large ships without inspection record, by class – 2006-2008



Graph 139 - Gross tonnage of very large ships without inspection record, by class – 2006-2008



5.5. SHIPS WITHOUT INSPECTION RECORD - BY FLAG WHOLE FLEET GT≥500

Table 140 - Total number of ships GT≥500 without inspection record, by type and flag - 2006-2008

Chin Tune		Ta	rgeted flag	1			Non	Targeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	5,521	37.9%	2,449	32.1%	7,970	3,656	23.8%	2,185	19.9%	5,841
Specialized Cargo Ships	54	0.4%	42	0.6%	96	107	0.7%	32	0.3%	139
Container Ships	1,216	8.4%	153	2.0%	1,369	2,954	19.3%	318	2.9%	3,272
Ro-Ro Cargo Ships	715	4.9%	209	2.7%	924	561	3.7%	151	1.4%	712
Bulk Carriers	3,519	24.2%	440	5.8%	3,959	2,771	18.1%	626	5.7%	3,397
Oil and Chemical Tankers	2,194	15.1%	1,776	23.3%	3,970	3,491	22.8%	1,987	18.1%	5,478
Gas Tankers	347	2.4%	273	3.6%	620	542	3.5%	246	2.2%	788
Other Tankers	65	0.4%	65	0.9%	130	62	0.4%	41	0.4%	103
Passenger Ships	416	2.9%	747	9.8%	1,163	388	2.5%	1,448	13.2%	1,836
Offshore Vessels	257	1.8%	729	9.6%	986	462	3.0%	2,091	19.0%	2,553
Service Ships	192	1.3%	542	7.1%	734	234	1.5%	1,356	12.3%	1,590
Tugs	53	0.4%	197	2.6%	250	102	0.7%	525	4.8%	627
Total	14,549	100%	7,622	100%	22,171	15,330	100%	11,006	100%	26,336

Source: Equasis

Table 141 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and flag – 2006-2008

Chin Turne		Т	argeted flag	J			Nor	n Targeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	29,019	9.7%	5,564	10.9%	34,583	21,580	5.5%	6,374	7.5%	27,954
Specialized Cargo Ships	945	0.3%	146	0.3%	1,091	1,656	0.4%	251	0.3%	1,907
Container Ships	38,574	12.9%	2,467	4.8%	41,041	91,860	23.4%	6,553	7.7%	98,413
Ro-Ro Cargo Ships	21,459	7.2%	1,748	3.4%	23,208	16,484	4.2%	1,479	1.7%	17,963
Bulk Carriers	113,972	38.2%	5,886	11.6%	119,858	99,648	25.4%	12,450	14.7%	112,098
Oil and Chemical Tankers	69,281	23.2%	16,460	32.4%	85,741	128,718	32.8%	26,967	31.7%	155,684
Gas Tankers	9,669	3.2%	5,558	10.9%	15,227	18,659	4.8%	6,954	8.2%	25,613
Other Tankers	200	0.1%	79	0.2%	279	417	0.1%	94	0.1%	511
Passenger Ships	12,889	4.3%	3,793	7.5%	16,681	9,938	2.5%	5,183	6.1%	15,121
Offshore Vessels	1,267	0.4%	7,452	14.6%	8,719	2,048	0.5%	11,450	13.5%	13,497
Service Ships	756	0.3%	1,503	3.0%	2,259	1,289	0.3%	6,760	8.0%	8,049
Tugs	62	0.0%	217	0.4%	279	147	0.0%	442	0.5%	589
Total	298,094	100%	50,873	100%	348,967	392,443	100%	84,956	100%	477,399

Source: Equasis

Graph 140 - Total number of ships GT≥500 without inspection record, by flag - 2006-2008



Graph 141 - Gross tonnage of ships GT≥500 without inspection record, by flag - 2006-2008



MEDIUM SHIPS

Chin Tuno		Т	argeted flag]			Nor	n Targeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	5,412	51.9%	2,445	33.8%	7,857	3,562	37.5%	2,183	21.5%	5,745
Specialized Cargo Ships	32	0.3%	42	0.6%	74	85	0.9%	30	0.3%	115
Container Ships	628	6.0%	130	1.8%	758	1,464	15.4%	230	2.3%	1,694
Ro-Ro Cargo Ships	339	3.2%	196	2.7%	535	288	3.0%	134	1.3%	422
Bulk Carriers	1,649	15.8%	377	5.2%	2,026	983	10.3%	460	4.5%	1,443
Oil and Chemical Tankers	1,346	12.9%	1,629	22.5%	2,975	1,720	18.1%	1,665	16.4%	3,385
Gas Tankers	226	2.2%	220	3.0%	446	323	3.4%	179	1.8%	502
Other Tankers	65	0.6%	65	0.9%	130	57	0.6%	41	0.4%	98
Passenger Ships	246	2.4%	723	10.0%	969	231	2.4%	1,425	14.0%	1,656
Offshore Vessels	246	2.4%	662	9.2%	908	453	4.8%	2,000	19.7%	2,453
Service Ships	191	1.8%	541	7.5%	732	230	2.4%	1,305	12.8%	1,535
Tugs	53	0.5%	197	2.7%	250	102	1.1%	525	5.2%	627
Total	10,433	100%	7,227	100%	17,660	9,498	100%	10,177	100%	19,675

Table 142 - Total number of medium⁽¹⁾ ships without inspection record, by type and flag – 2006-2008

Source: Equasis - (1) 500 GT<25.000

Table 143 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and flag – 2006-2008

Chin Tuno		т	argeted flag)			Nor	n Targeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	25,870	33.4%	5,430	26.2%	31,299	18,733	22.8%	6,300	18.4%	25,033
Specialized Cargo Ships	194	0.3%	146	0.7%	340	839	1.0%	144	0.4%	984
Container Ships	7,490	9.7%	923	4.5%	8,413	17,818	21.7%	2,631	7.7%	20,449
Ro-Ro Cargo Ships	3,522	4.6%	1,140	5.5%	4,662	3,743	4.6%	747	2.2%	4,489
Bulk Carriers	24,905	32.2%	2,071	10.0%	26,976	16,305	19.9%	5,176	15.1%	21,481
Oil and Chemical Tankers	10,446	13.5%	4,722	22.8%	15,168	16,609	20.3%	6,016	17.5%	22,625
Gas Tankers	1,051	1.4%	456	2.2%	1,507	2,556	3.1%	709	2.1%	3,264
Other Tankers	200	0.3%	79	0.4%	279	259	0.3%	94	0.3%	353
Passenger Ships	2,396	3.1%	2,931	14.1%	5,327	2,588	3.2%	4,289	12.5%	6,878
Offshore Vessels	498	0.6%	1,149	5.5%	1,647	1,330	1.6%	3,568	10.4%	4,898
Service Ships	726	0.9%	1,470	7.1%	2,196	1,087	1.3%	4,188	12.2%	5,275
Tugs	62	0.1%	217	1.0%	279	147	0.2%	442	1.3%	589
Total	77,359	100%	20,735	100%	98,095	82,015	100%	34,303	100%	116,319

Source: Equasis - (1) 500 GT<25.000

Graph 142 - Total number of medium ships without inspection record, by flag – 2006-2008



Graph 143 - Gross tonnage of medium ships without inspection record, by flag – 2006-2008



LARGE SHIPS

Chin Turne		Tai	rgeted flag	1			Non	Targeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	109	3.6%	4	1.9%	113	94	2.2%	2	0.4%	96
Specialized Cargo Ships	22	0.7%			22	22	0.5%	1	0.2%	23
Container Ships	395	13.0%	13	6.3%	408	1,087	25.8%	71	13.1%	1,158
Ro-Ro Cargo Ships	336	11.1%	10	4.8%	346	234	5.6%	14	2.6%	248
Bulk Carriers	1,465	48.2%	44	21.3%	1,509	1,385	32.9%	142	26.2%	1,527
Oil and Chemical Tankers	546	18.0%	82	39.6%	628	1,156	27.5%	206	38.0%	1,362
Gas Tankers	67	2.2%	11	5.3%	78	94	2.2%	20	3.7%	114
Other Tankers						5	0.1%			5
Passenger Ships	95	3.1%	23	11.1%	118	123	2.9%	21	3.9%	144
Offshore Vessels	4	0.1%	19	9.2%	23	3	0.1%	31	5.7%	34
Service Ships	1	0.0%	1	0.5%	2	3	0.1%	34	6.3%	37
Tugs										
Total	3,040	100%	207	100%	3,247	4,206	100%	542	100%	4,748

Table 144 - Total number of large⁽¹⁾ ships without inspection record, by type and flag – 2006-2008

Table 145 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and flag – 2006-2008

Chin Tuno		т	argeted flag	J			Nor	n Targeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	3,149	2.7%	135	1.7%	3,283	2,847	1.8%	74	0.4%	2,921
Specialized Cargo Ships	751	0.6%			751	817	0.5%	43	0.2%	859
Container Ships	16,007	13.8%	513	6.4%	16,520	41,142	26.3%	2,456	12.2%	43,598
Ro-Ro Cargo Ships	15,442	13.3%	415	5.1%	15,857	10,179	6.5%	542	2.7%	10,721
Bulk Carriers	52,647	45.4%	1,669	20.7%	54,316	47,908	30.6%	4,719	23.5%	52,627
Oil and Chemical Tankers	21,474	18.5%	3,263	40.5%	24,736	45,033	28.7%	7,830	39.0%	52,862
Gas Tankers	2,905	2.5%	511	6.3%	3,416	3,947	2.5%	912	4.5%	4,858
Other Tankers						158	0.1%			158
Passenger Ships	3,512	3.0%	740	9.2%	4,251	4,350	2.8%	699	3.5%	5,050
Offshore Vessels	133	0.1%	784	9.7%	917	152	0.1%	1,413	7.0%	1,565
Service Ships	30	0.0%	33	0.4%	63	133	0.1%	1,378	6.9%	1,510
Tugs										
Total	116,049	100%	8,061	100%	124,110	156,665	100%	20,064	100%	176,729

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

Graph 144 - Total number of large ships without inspection record, by flag – 2006-2008



Graph 145 - Gross tonnage of large ships without inspection record, by flag – 2006-2008



VERY LARGE SHIPS

		Tar	geted flag	I			Non T	argeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships										
Specialized Cargo Ships								1	0.3%	1
Container Ships	193	17.9%	10	5.3%	203	403	24.8%	17	5.9%	420
Ro-Ro Cargo Ships	40	3.7%	3	1.6%	43	39	2.4%	3	1.0%	42
Bulk Carriers	405	37.6%	19	10.1%	424	403	24.8%	24	8.4%	427
Oil and Chemical Tankers	302	28.1%	65	34.6%	367	615	37.8%	116	40.4%	731
Gas Tankers	54	5.0%	42	22.3%	96	125	7.7%	47	16.4%	172
Other Tankers										
Passenger Ships	75	7.0%	1	0.5%	76	34	2.1%	2	0.7%	36
Offshore Vessels	7	0.7%	48	25.5%	55	6	0.4%	60	20.9%	66
Service Ships						1	0.1%	17	5.9%	18
Tugs										
Total	1,076	100%	188	100%	1,264	1,626	100%	287	100%	1,913

Table 146 - Total number of very large⁽¹⁾ ships without inspection record, by type and flag – 2006-2008

Table 147 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and flag – 2006-2008

Chin Turne		Ta	rgeted flag	J			Non	Targeted f	lag	
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships										
Specialized Cargo Ships								64	0.2%	64
Container Ships	15,077	14.4%	1,031	4.7%	16,108	32,899	21.4%	1,467	4.8%	34,365
Ro-Ro Cargo Ships	2,496	2.4%	194	0.9%	2,689	2,562	1.7%	191	0.6%	2,752
Bulk Carriers	36,420	34.8%	2,146	9.7%	38,566	35,435	23.0%	2,555	8.4%	37,990
Oil and Chemical Tankers	37,362	35.7%	8,475	38.4%	45,837	67,076	43.6%	13,121	42.9%	80,197
Gas Tankers	5,713	5.5%	4,591	20.8%	10,304	12,156	7.9%	5,334	17.4%	17,490
Other Tankers										
Passenger Ships	6,981	6.7%	122	0.6%	7,103	3,000	2.0%	194	0.6%	3,194
Offshore Vessels	636	0.6%	5,519	25.0%	6,155	566	0.4%	6,469	21.1%	7,035
Service Ships						69	0.0%	1,195	3.9%	1,264
Tugs										
Total	104,685	100%	22,077	100%	126,762	153,763	100%	30,589	100%	184,352

Source: Equasis - (1) GT 60.000

Graph 146 -Total number of very large ships without inspection record, by flag – 2006-2008



Graph 147 - Gross tonnage of very large ships without inspection record, by flag- 2006-2008



5.6. SHIPS WITHOUT INSPECTION RECORD - BY IGP&I

WHOLE FLEET GT≥500

Table 148 - Total number of ships GT≥500 without inspection record, by type and IGP&I - 2006-2008

Chin Tune			IGP&I					Non IGP&I		
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	4,591	19.9%	374	6.6%	4,965	4,586	67.7%	4,260	32.8%	8,846
Specialized Cargo Ships	136	0.6%	17	0.3%	153	25	0.4%	57	0.4%	82
Container Ships	3,912	16.9%	326	5.8%	4,238	258	3.8%	145	1.1%	403
Ro-Ro Cargo Ships	1,129	4.9%	77	1.4%	1,206	147	2.2%	283	2.2%	430
Bulk Carriers	5,646	24.4%	372	6.6%	6,018	644	9.5%	694	5.3%	1,338
Oil and Chemical Tankers	5,202	22.5%	1,444	25.7%	6,646	483	7.1%	2,319	17.8%	2,802
Gas Tankers	829	3.6%	243	4.3%	1,072	60	0.9%	276	2.1%	336
Other Tankers	83	0.4%	19	0.3%	102	44	0.6%	87	0.7%	131
Passenger Ships	663	2.9%	792	14.1%	1,455	141	2.1%	1,403	10.8%	1,544
Offshore Vessels	536	2.3%	1,292	23.0%	1,828	183	2.7%	1,528	11.8%	1,711
Service Ships	270	1.2%	384	6.8%	654	156	2.3%	1,514	11.6%	1,670
Tugs	106	0.5%	285	5.1%	391	49	0.7%	437	3.4%	486
Total	23,103	100%	5,625	100%	28,728	6,776	100%	13,003	100%	19,779

Source: Equasis

Table 149 - Gross tonnage (in 1000 t) of ships GT≥500 without inspection record, by type and IGP&I – 2006-2008

Chin Turne			IGP&I					Non IGP&I		
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	35,305	5.4%	1,549	1.7%	36,854	15,294	43.2%	10,388	24.3%	25,682
Specialized Cargo Ships	2,425	0.4%	250	0.3%	2,675	176	0.5%	147	0.3%	323
Container Ships	128,141	19.6%	8,278	8.9%	136,419	2,293	6.5%	742	1.7%	3,035
Ro-Ro Cargo Ships	36,722	5.6%	1,580	1.7%	38,302	1,221	3.4%	1,648	3.9%	2,869
Bulk Carriers	202,890	31.0%	11,740	12.6%	214,630	10,730	30.3%	6,596	15.4%	17,326
Oil and Chemical Tankers	194,596	29.7%	36,296	39.0%	230,892	3,403	9.6%	7,130	16.7%	10,533
Gas Tankers	27,963	4.3%	12,135	13.0%	40,098	365	1.0%	378	0.9%	743
Other Tankers	486	0.1%	52	0.1%	538	131	0.4%	121	0.3%	253
Passenger Ships	21,871	3.3%	4,482	4.8%	26,353	956	2.7%	4,493	10.5%	5,449
Offshore Vessels	3,017	0.5%	12,870	13.8%	15,887	298	0.8%	6,031	14.1%	6,329
Service Ships	1,521	0.2%	3,598	3.9%	5,119	524	1.5%	4,665	10.9%	5,189
Tugs	159	0.0%	280	0.3%	439	51	0.1%	378	0.9%	429
Total	655,095	100%	93,111	100%	748,205	35,442	100%	42,719	100%	78,160

Source: Equasis

Graph 148 - Total number of ships GT≥500 without inspection record, by IGP&I - 2006-2008







MEDIUM SHIPS

Chin Turne			IGP&I					Non IGP&I		
Ship Type	Inspec	ted	No rec	ord	Total	Inspec	ted	No rec	ord	Total
General Cargo Ships	4,388	32.9%	372	8.2%	4,760	4,586	69.4%	4,256	33.1%	8,842
Specialized Cargo Ships	94	0.7%	15	0.3%	109	23	0.3%	57	0.4%	80
Container Ships	1,847	13.9%	217	4.8%	2,064	245	3.7%	143	1.1%	388
Ro-Ro Cargo Ships	488	3.7%	53	1.2%	541	139	2.1%	277	2.2%	416
Bulk Carriers	2,104	15.8%	192	4.2%	2,296	528	8.0%	645	5.0%	1,173
Oil and Chemical Tankers	2,608	19.6%	1,010	22.2%	3,618	458	6.9%	2,284	17.8%	2,742
Gas Tankers	493	3.7%	123	2.7%	616	56	0.8%	276	2.1%	332
Other Tankers	79	0.6%	19	0.4%	98	43	0.7%	87	0.7%	130
Passenger Ships	338	2.5%	749	16.4%	1,087	139	2.1%	1,399	10.9%	1,538
Offshore Vessels	516	3.9%	1,177	25.8%	1,693	183	2.8%	1,485	11.6%	1,668
Service Ships	266	2.0%	345	7.6%	611	155	2.3%	1,501	11.7%	1,656
Tugs	106	0.8%	285	6.3%	391	49	0.7%	437	3.4%	486
Total	13,327	100%	4,557	100%	17,884	6,604	100%	12,847	100%	19,451

Table 150 - Total number of medium⁽¹⁾ ships without inspection record, by type and IGP&I - 2006-2008

Source: Equasis - ⁽¹⁾ 500 GT<25.000 - ^(*)Inspections in the period 2006-2008

Table 151 - Gross tonnage (in 1000 t) of medium⁽¹⁾ ships without inspection record, by type and IGP&I - 2006-2008

Chin Tuno			IGP&I					Non IGP&I		
Ship Type	Inspec	Inspected		No record		Inspected		No record		Total
General Cargo Ships	29,309	22.3%	1,476	7.1%	30,785	15,294	54.6%	10,254	30.0%	25,548
Specialized Cargo Ships	938	0.7%	144	0.7%	1,081	95	0.3%	147	0.4%	242
Container Ships	23,553	17.9%	2,878	13.8%	26,431	1,755	6.3%	676	2.0%	2,431
Ro-Ro Cargo Ships	6,367	4.8%	435	2.1%	6,802	897	3.2%	1,452	4.2%	2,349
Bulk Carriers	34,906	26.6%	2,283	10.9%	37,189	6,304	22.5%	4,964	14.5%	11,268
Oil and Chemical Tankers	25,274	19.2%	5,737	27.5%	31,011	1,781	6.4%	5,001	14.6%	6,781
Gas Tankers	3,493	2.7%	787	3.8%	4,280	114	0.4%	378	1.1%	491
Other Tankers	358	0.3%	52	0.2%	410	101	0.4%	121	0.4%	222
Passenger Ships	4,133	3.1%	2,857	13.7%	6,990	852	3.0%	4,363	12.8%	5,215
Offshore Vessels	1,530	1.2%	2,467	11.8%	3,997	298	1.1%	2,250	6.6%	2,548
Service Ships	1,319	1.0%	1,477	7.1%	2,796	494	1.8%	4,181	12.2%	4,675
Tugs	159	0.1%	280	1.3%	439	51	0.2%	378	1.1%	429
Total	131,340	100%	20,873	100%	152,213	28,035	100%	34,166	100%	62,201

Source: Equasis - ⁽¹⁾ 500 GT<25.000

Graph 150 - Total number of medium ships without inspection record, by IGP&I – 2006-2008



Graph 151 - Gross tonnage of medium ships without inspection record, by IGP&I – 2006-2008



LARGE SHIPS

Chin Turne			IGP&I					Non IGP&I		
Ship Type	Inspec	ted	No record		Total	tal Inspected		No record		Total
General Cargo Ships	203	2.9%	2	0.3%	205			4	3.4%	4
Specialized Cargo Ships	42	0.6%	1	0.2%	43	2	1.3%			2
Container Ships	1,471	20.7%	82	13.0%	1,553	11	7.3%	2	1.7%	13
Ro-Ro Cargo Ships	562	7.9%	18	2.8%	580	8	5.3%	6	5.1%	14
Bulk Carriers	2,743	38.7%	139	22.0%	2,882	107	70.9%	47	40.2%	154
Oil and Chemical Tankers	1,685	23.7%	262	41.5%	1,947	17	11.3%	26	22.2%	43
Gas Tankers	158	2.2%	31	4.9%	189	3	2.0%			3
Other Tankers	4	0.1%			4	1	0.7%			1
Passenger Ships	217	3.1%	40	6.3%	257	1	0.7%	4	3.4%	5
Offshore Vessels	7	0.1%	35	5.5%	42			15	12.8%	15
Service Ships	3	0.0%	22	3.5%	25	1	0.7%	13	11.1%	14
Tugs										
Total	7,095	100%	632	100%	7,727	151	100%	117	100%	268

Table 152 - Total number of large⁽¹⁾ ships without inspection record, by type and IGP&I - 2006-2008

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

Table 153 - Gross tonnage (in 1000 t) of large⁽¹⁾ ships without inspection record, by type and IGP&I - 2006-2008

Chin Tune			IGP&I			Non IGP&I					
Ship Type	Inspec	ted	No rec	No record		Inspec	ted	No rec	ord	Total	
General Cargo Ships	5,996	2.2%	74	0.3%	6,069			135	3.2%	135	
Specialized Cargo Ships	1,487	0.6%	43	0.2%	1,529	81	1.5%			81	
Container Ships	56,781	21.2%	2,903	12.1%	59,684	368	6.7%	66	1.6%	434	
Ro-Ro Cargo Ships	25,297	9.5%	760	3.2%	26,058	324	5.9%	196	4.7%	520	
Bulk Carriers	96,836	36.2%	4,890	20.4%	101,726	3,719	67.6%	1,498	36.1%	5,216	
Oil and Chemical Tankers	65,714	24.6%	10,033	41.9%	75,747	792	14.4%	1,059	25.5%	1,851	
Gas Tankers	6,719	2.5%	1,422	5.9%	8,142	132	2.4%			132	
Other Tankers	128	0.0%			128	30	0.6%			30	
Passenger Ships	7,834	2.9%	1,309	5.5%	9,143	28	0.5%	130	3.1%	158	
Offshore Vessels	285	0.1%	1,609	6.7%	1,894			587	14.1%	587	
Service Ships	133	0.0%	927	3.9%	1,059	30	0.5%	484	11.7%	514	
Tugs											
Total	267,210	100%	23,971	100%	291,180	5,504	100%	4,154	100%	9,659	

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

Graph 152 - Total number of large ships without inspection record, by IGP&I – 2006-2008



Graph 153 - Gross tonnage of large ships without inspection record, by IGP&I – 2006-2008



VERY LARGE SHIPS

Chin Turne			IGP&I			Non IGP&I						
Ship Type	Inspected		No record		Total	Inspected		No record		Total		
General Cargo Ships												
Specialized Cargo Ships			1	0.2%	1							
Container Ships	594	22.2%	27	6.2%	621	2	9.5%			2		
Ro-Ro Cargo Ships	79	2.9%	6	1.4%	85							
Bulk Carriers	799	29.8%	41	9.4%	840	9	42.9%	2	5.1%	11		
Oil and Chemical Tankers	909	33.9%	172	39.4%	1,081	8	38.1%	9	23.1%	17		
Gas Tankers	178	6.6%	89	20.4%	267	1	4.8%			1		
Other Tankers												
Passenger Ships	108	4.0%	3	0.7%	111	1	4.8%			1		
Offshore Vessels	13	0.5%	80	18.3%	93			28	71.8%	28		
Service Ships	1	0.0%	17	3.9%	18							
Tugs												
Total	2,681	100%	436	100%	3,117	21	100%	39	100%	60		

Table 154 - Total number of very large⁽¹⁾ ships without inspection record, by type and IGP&I - 2006-2008

 Table 155 - Gross tonnage (in 1000 t) of very large⁽¹⁾ ships without inspection record, by type and IGP&I - 2006-2008

Chin Turne			IGP&I				N	ion IGP&I		
Ship Type	Inspected		No record		Total	Inspected		No record		Total
General Cargo Ships										
Specialized Cargo Ships			64	0.1%	64					
Container Ships	47,806	18.6%	2,497	5.2%	50,303	170	8.9%			170
Ro-Ro Cargo Ships	5,058	2.0%	384	0.8%	5,442					
Bulk Carriers	71,148	27.7%	4,567	9.5%	75,715	707	37.2%	134	3.0%	841
Oil and Chemical Tankers	103,608	40.4%	20,525	42.5%	124,134	830	43.6%	1,071	24.3%	1,900
Gas Tankers	17,750	6.9%	9,925	20.6%	27,675	119	6.3%			119
Other Tankers										
Passenger Ships	9,904	3.9%	316	0.7%	10,220	77	4.0%			77
Offshore Vessels	1,202	0.5%	8,794	18.2%	9,996			3,194	72.6%	3,194
Service Ships	69	0.0%	1,195	2.5%	1,264					
Tugs										
Total	256,545	100%	48,267	100%	304,813	1,902	100%	4,399	100%	6,301

Source: Equasis - ⁽¹⁾ GT 60.000 - ^(*)Inspections in the period 2006-2008









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 shipbased. The company-based schemes (e.g. Intertanko) relate to certain ships types and aim to provide a mark of quality for ships covered by them. The ship-based schemes (e.g. OCIMF) provide industry inspection reports.

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

The ship types covered by each scheme are as follows:

Trade Associations

 Intertanko
 Oil & chemical tankers Gas carriers
 Intercargo
 Bulk carriers over 10 000 Dwt
 Intermanager
 General cargo ships Oil & chemical tankers Bulk carriers
 Green Award
 Coll & chemical tankers

Industry Vetting Programmes

4. CDI

Oil & chemical tankers Gas carriers

5. OCIMF Oil & chemical tankers Gas carriers

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

Shipping Companies

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

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

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

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

The detention rate is the ratio between the number of detentions and the number of

inspections in the Paris MOU, Tokyo MOU, Indian Ocean MoU (IO MoU) and USCG regions in 2008.

RESULTS

Table 156 indicates that the majority of ships are not covered by the trade associations and industry vetting programmes providing data to Equasis. However, of the large and very large oil, chemical and gas tankers just over a half (1839 out of 3548) are covered by Intertanko while nearly 93% are covered by OCIMF (3226 out of 3458). OCIMF also covers around 46% of medium-sized oil, chemical and gas tankers (3384 out of 7308).

Tables 159 to 161 suggest that medium, large and very large ships covered by one of the trade associations and industry vetting programs are inspected more frequently in the four regimes providing data to Equasis than those ships not covered – for example, large ships covered by Intertanko were each inspected on average 1.67 times (1956 inspections of 1171 ships) compared with 1.20 times (1222 inspections of 1011 ships) for the ship types not covered by Intertanko.

Table 158 indicates that ships covered by a trade association or industry vetting programme were detained less often than those not covered. For example the detention rate of inspected ships covered by Intercargo was 2.8% compared with 6.1% for the ships types not covered. It is a similar picture for ships covered bv Intertanko, Intermanager, Green Award, CDI and OCIMF. This trend is more or less repeated over all ship sizes

Table 162 shows that just over a half (53.5%) of the companies operate just one ship. Over 86% operate five or fewer, although these companies account for 32.2% of the fleet over 500GT by number. The table also shows that companies with more than 10 ships have smaller proportion of their ships under targeted flags than the average for the whole fleet – in the case of companies with 51 to 100 ships the proportion is 38% compared with the average per class of 44%.

Table 163 reveals that ships operated by larger companies had a much lower detention rate than those operated by smaller companies. For ships in companies with more than 50 ships the detention rate was around 2% while one- and two-ship companies had rates of 10.76% and 9.54% respectively.

6.1. SCHEME STATUS

Scheme	Medi	um ⁽¹⁾	Larg	Je ⁽²⁾	Very L	arge ⁽³⁾	То	tal
Scheme	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	1,150	6,158	1,171	1,011	668	698	2,989	7,867
% of Total	38.5%	78.3%	39.2%	12.9%	22.3%	8.9%		
Intercargo	167	16,904	482	2,763	157	694	806	20,361
% of Total	20.7%	83.0%	59.8%	13.6%	19.5%	3.4%		
Intermanager	124	23307	122	5113	43	1906	289	30,326
% of Total	42.9%	76.9%	42.2%	16.9%	14.9%	6.3%		
Green Award	5	6,355	86	1,904	127	971	218	9,230
% of Total	2.3%	<mark>68.</mark> 9%	39.4%	20.6%	58.3%	10.5%		
CDI	1,545	5,763	187	1,995	0	1,366	1,732	9,124
% of Total	89.2%	63.2%	10.8%	21.9%	0.0%	15.0%		
OCIMF	3,384	3,924	1,967	215	1,259	107	6,610	4,246
% of Total	51.2%	92.4%	29.8%	5.1%	19.0%	2.5%		

Table 156 - Total number of ships, by size and vetting programmes and trade associations - 2008

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

Table 157 - Gross tonnage (in 1000 t) of ships, by size and vett	ting programmes and trade associations – 2008
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Scheme	Medi	um ⁽¹⁾	Larg	je ⁽²⁾	Very L	arge ⁽³⁾	To	tal
Scheme	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	14,447	28,118	46,174	39,699	75,404	78,425	136,025	146,242
% of Total	10.6%	19.2%	33.9%	27.1%	55.4%	53.6%		
Intercargo	3,083	101,706	16,568	96,579	13,554	63,002	33,205	261,287
% of Total	9.3%	38.9%	49.9%	37.0%	40.8%	24.1%		
Intermanager	1856	140727	4519	186226	4615	197975	10,990	524,928
% of Total	16.9%	26.8%	41.1%	35.5%	42.0%	37.7%		
Green Award	118	37,675	4,244	73,354	13,895	112,139	18,257	223,168
% of Total	0.6%	16.9%	23.2%	32.9%	76.1%	50.2%		
CDI	13,363	29,201	6,319	79,554	0	153,829	19,682	262,584
% of Total	67.9%	11.1%	32.1%	30.3%	0.0%	58.6%		
OCIMF	27,782	14,782	77,624	8,249	142,715	11,114	248,121	34,145
% of Total	11.2%	43.3%	31.3%	24.2%	57.5%	32.5%		

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

6.2. SAFETY PERFORMANCE

Cabama	De	etention ra	te		Detentions		I	nspections	;
Scheme	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1.4%	3.3%	2.4%	64	185	249	4,731	5,536	10,26
in % of total				25.7%	74.3%		46.1%	53.9%	
Intercargo	2.8%	6.1%	5.9%	47	1,911	1,958	1,701	31,407	33,10
in % of total				2.4%	97.6%		5.1%	94.9%	
Intermanager	3.9%	5.2%	5.2%	21	2,153	2,174	540	41,619	42,15
in % of total				1.0%	99.0%		1.3%	98.7%	
Green Award	0.3%	2.5%	2.4%	1	215	216	362	8,689	9,05
in % of total				0.5%	99.5%		4.0%	96.0%	
CDI	2.0%	2.6%	2.4%	62	187	249	3,156	7,111	10,26
in % of total				24.9%	75.1%		30.7%	69.3%	
OCIMF	1.2%	9.5%	2.4%	107	142	249	8,778	1,489	10,26
in % of total				43.0%	57.0%		85.5%	14.5%	

Table 158 - Safety performance of ships, by inspections and detentions rates^(*) - 2008

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

Cahama	De	etention ra	te		Detentions		Inspections			
Scheme	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total	
Intertanko	2.3%	4.5%	3.7%	44	167	211	1,885	3,750	5,635	
in % of total				20.9%	79.1%		33.5%	66.5%		
Intercargo	3.9%	6.9%	6.8%	17	1,704	1,721	438	24,763	25,201	
in % of total				1.0%	99.0%		1.7%	98.3%		
Intermanager	4.2%	6.3%	6.3%	10	1,892	1,902	239	29,809	30,048	
in % of total				0.5%	99.5%		0.8%	99.2%		
Green Award	0.0%	3.7%	3.7%	0	181	181	9	4,838	4,847	
in % of total				0.0%	100%		0.2%	99.8%		
CDI	2.1%	5.4%	3.7%	58	153	211	2,789	2,846	5,635	
in % of total				27.5%	72.5%		49.5%	50.5%		
OCIMF	1.8%	9.6%	3.7%	75	136	211	4,219	1,416	5,635	
in % of total				35.5%	64.5%		74.9%	25.1%		

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

Echomo	De	etention ra	te		Detentions		Inspections			
Scheme	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total	
Intertanko	0.9%	1.3%	1.0%	17	16	33	1,956	1,222	3,178	
in % of total				51.5%	48.5%		61.5%	38.5%		
Intercargo	2.0%	3.1%	2.9%	21	174	195	1,056	5,662	6,718	
in % of total				10.8%	89.2%		15.7%	84.3%		
Intermanager	3.7%	2.3%	2.3%	9	217	226	242	9,429	9,671	
in % of total				4.0%	96.0%		2.5%	97.5%		
Green Award	0.6%	1.1%	1.0%	1	30	31	164	2,789	2,953	
in % of total				3.2%	97%		5 . 6%	94.4%		
CDI	1.1%	1.0%	1.0%	4	29	33	367	2,811	3,178	
in % of total				12.1%	87.9%		11.5%	88.5%		
OCIMF	0.9%	10.0%	1.0%	27	6	33	3,118	60	3,178	
in % of total				81.8%	18.2%		98.1%	1.9%		

Table 160 - Safety performance of large⁽¹⁾ ships, by inspections and detentions rates^(*) - 2008

 Table 161 - Safety performance of very large⁽¹⁾ ships, by inspections and detentions rates^(*) - 2008

Scheme	Detention rate			Detentions			Inspections		
Scheme	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0.3%	0.4%	0.3%	3	2	5	890	564	1,454
in % of total				60.0%	40.0%		61.2%	38.8%	
Intercargo	4.3%	3.4%	3.5%	9	33	42	207	982	1,189
in % of total				21.4%	78.6%		17.4%	82.6%	
Intermanager	3.4%	1.8%	1.9%	2	44	46	59	2,381	2,440
in % of total				4.3%	95.7%		2.4%	97.6%	
Green Award	0.0%	0.4%	0.3%	0	4	4	189	1,062	1,251
in % of total				0.0%	100.0%		15.1%	84.9%	
CDI		0.3%	0.3%	0	5	5	0	1,454	1,454
in % of total				0.0%	100.0%		0.0%	100%	
OCIMF	0.3%	0.0%	0.3%	5	0	5	1,441	13	1,454
in % of total				100.0%	0.0%		99.1%	0.9%	

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

6.3. COMPANY PERFORMANCE

Company fleet size (by number of ships GT≥100)	Number of companies ⁽¹⁾		Number of ships ⁽²⁾		Number of ships under targeted flag ⁽²⁾		Total share of ships under targeted flag ⁽³⁾	
1 ship	13,449	56.7%	5,762	11.3%	3,085	13.6%	53.5%	
2	3,548	14.9%	3,499	6.8%	1,871	8.2%	53.5%	
3	1,798	7.6%	2,816	5.5%	1,509	6.6%	53.6%	
4	1,048	4.4%	2,330	4.6%	1,271	5.6%	54.5%	
5	696	2.9%	2,026	4.0%	1,033	4.5%	51.0%	
6-10	1,686	7.1%	7,790	15.2%	3,705	16.3%	47.6%	
11-50	1,378	5.8%	18,657	36.5%	7,329	32.3%	39.3%	
51-100	105	0.4%	5,429	10.6%	2,065	9.1%	38.0%	
100+	28	0.1%	2,839	5.6%	852	3.8%	30.0%	
Fotal	23,736	100%	51,148	100%	22,720	100%	44.4%	

Table 162 - Total number of companies and ships, by fleet size and flag – 2008

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

Graph 162a - Total number of companies and ships GT≥100, by fleet size – 2008





Graph 162b - Total number of ships GT≥100 and ships under targeted flag, by fleet size 2008

 Table 163 - Total number of inspections and detention rates^(*), by company fleet size - 2008

Company fleet size (by number of ships GT≥100)	Number of inspections		Number of detentions		% of ships detained ⁽¹⁾	
1 ship	3,746	6.5%	403	15.5%	10.76%	
2	3,185	5.5%	304	11.7%	9.54%	
3	2,918	5.1%	221	8.5%	7.57%	
4	2,566	4.5%	210	8.1%	8.18%	
5	2,330	4.1%	149	5.7%	6.39%	
5-10	8,743	15.2%	410	15.8%	4.69%	
11-50	23,877	41.5%	681	26.2%	2.85%	
51-100	7,307	12.7%	135	5.2%	1.85%	
100+	2,856	5.0%	85	3.3%	2.98%	
Total	57,528	100%	2,598	100%	4.52%	

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



Graph 163a - Total number of inspections and detention, by fleet size – 2008





Annex I

Ship type aggregations

General Cargo Ships

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

Specialized Cargo Ships

Stone Carrier Log-Tipping Ship Nuclear Fuel Carrier Heavy Load Carrier Barge Carrier Livestock Carrier

Container Ships

Container Ship Passenger/Container Ship

Ro-Ro Cargo Ships

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

Bulk Carriers

Ore/Oil Carrier Bulk Carrier Powder Carrier Bulk/Oil Carrier Aggregates Carrier Self-Discharging Bulk Carrier Cement Carrier Wood Chips Carrier Refined Sugar Carrier Alumina Carrier Limestone Carrier Ore Carrier

Oil and Chemical Tankers

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

Gas Tankers

LPG Tanker LNG Tanker

Other Tankers

Wine Tanker Vegetable Oil Tanker Water Tanker Fruit Juice Tanker Molasses Tanker Oil-Sludge Tanker Edible Oil Tanker Bitumen Tanker

Passenger Ships

Passenger/Ro-Ro Cargo Ship Passenger (Cruise) Ship Passenger Ship

Offshore Vessels

Pipe-Layer Offshore Supply Ship Offshore Tug/Supply Ship Drilling Ship Supply Vessel Offshore Processing Ship Well-Stimulation Vessel Standby-Safety Vessel Production Testing Vessel Offshore Support Vessel

Service Ships

Search & Rescue Vessel Salvage Ship Buoy/Lighthouse Vessel Work/Repair Vessel Hospital Vessel Other Non-Merchant Ships Sail Training Ship Utility Vessel Research Vessel Naval/Naval Auxiliary **Training Ship** Pollution Control Vessel Fire-Fighting Vessel Waste Disposal Vessel Cable-Layer Icebreaker Crane Ship Dredger Hopper Dredger

Tugs

Pusher Tug Tug

Annex II

Targeted Flag States 2008

The flags listed below appeared on at least one of the targeted flag lists used

Α		Μ	
В	Albania		Maldives Malta
	Belize Bolivia	Р	Mexico Moldova, Republic of Mongolia
С		r	Panama
	Cambodia Comoros Cook Islands	R	Portugal
D	Cyprus	S	Russian Federation
E	Dominica	5	Sierra Leone Slovakia
G	Egypt		St Kitts and Nevis St Vincent and Grenadines
	Georgia	т	Syrian Arab Republic
H T	Honduras		Thailand The Bahamas Tuvalu
I	Indonesia	U	-
J	Italy	V	Ukraine
	Japan		Vietnam
К			
L	Kiribati Korea Democratic Republic		
_	Lebanon Lithuania Lybian Arab Jamahiriya		