



The 2020 World Merchant Fleet

Statistics from Equasis

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Chapter 1

1. Themes and Tables

INTRODUCTION

This report provides a picture of the world's merchant fleet in 2020, derived from data contained in the Equasis database. It examines the structure and characteristics of the fleet and its performance. The statistics are grouped into themes which could be of interest to the industry and regulators.

The themes are as follows:

1. The Merchant Fleet Population,
2. Classification Societies,
3. P&I Clubs,
4. Port State Control (PSC) regimes, and
5. Vetting Programmes and Trade Associations

OVERVIEW

Equasis is populated with data from most of the world's merchant ships. Basic ship particulars are derived from the commercial database of IHS Markit Maritime & Trade.

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

This report also contains information on internationally operating fishing vessels over 100GT with an IMO number. They represent a total of 25,607 ships reported to Equasis. These vessels now represent 21.3% of the ships in the Equasis information system. Approximately one fifth of these vessels (5,661) are over 500GT and therefore are included, where appropriate, in the statistics after Section 1

SIZE

Ships are grouped by size into four categories:

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

The small ships size category reflects the main tonnage threshold for merchant ships to comply with the SOLAS Convention. This category also includes many ships which do not trade internationally and therefore are not covered by the International Conventions or the port State control regimes, but for which some flag States require the same standards.

A significant proportion of these ships are also too small to be covered by classification societies and by the vetting and trading organisations. They have, therefore, been excluded from most of the analyses in order to avoid distortion of the totals for ships which are generally covered by the International Legislation, port State control, classification societies and other trade organisations. To provide data for the whole merchant fleet, small ships are included in Chapters 2.1 and 2.2, and in the multiple inspection figures in Chapters 5.1 and 5.6. Small ships are also taken into consideration when evaluating the fleet size of a company and the detention rate in Chapter 6.3.

Regulatory and commercial tonnage thresholds are not common to all ship types. As a compromise, categories medium, large and very-large (i.e.: 2, 3 and 4) have been chosen to divide the fleet into three approximately equal parts in terms of tonnage. These three together represent the larger worldwide trading merchant ships.

SHIP TYPES

Equasis uses over 100 descriptions of ship type provided by IHS Markit Maritime & Trade. For this report these types have been aggregated into 13 main types as follows:

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

Annex I describe how this aggregation has been accomplished. This Annex is regularly reviewed to include new ship types that were excluded in the previous versions of the Equasis World Fleet Report (WFR) annual statistics, but which should now be included to better reflect the situation of the world merchant fleet.

PSC SHIP TYPES

PSC organisations use specific ship type categories that are different from the ones used by IHS Markit Maritime & Trade. From 2011 onwards, these categories have been used in Chapter 5 (PSC) for ship types.

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

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

FLAG STATES

Flag States (under which ships are registered) are grouped in two categories, "targeted" and "non-targeted".

Those in the "targeted" group are the flag States which appear on at least one of the targeted lists of the Paris Memorandum of Understanding (Paris MoU) [Blacklist], the Tokyo MoU [Blacklist] and the US Coast Guard (USCG) [safety targeting].

Indian Ocean MoU (IOMoU), Viña del Mar Agreement, Mediterranean MoU (Med MoU), Black Sea MoU, Abuja MoU and Caribbean MoU also provide their inspection results to Equasis, but they do not use a target list.

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

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

Further details are included in the list of the respective regimes' PSC Annual Reports. The list of targeted flag States, based on the 2020 annual reports of the Paris MoU, the Tokyo MoU and the US Coast Guard, can be found in Annex II.

Due to some technical issues related to the format of the inspection reports, Equasis cannot display inspections from Riyadh MoU. Equasis will continue to await further information and to follow closely any developments decided by the Riyadh Secretariat so that the inspections can be included thereon in this report.

SOURCE OF INFORMATION

Equasis is fed by over 53 data providers (60 different data provisions) which can be divided into six categories:

1. Core ship and company data,
2. PSC regimes,
3. Classification Societies,
4. P&I clubs and Insurance companies,
5. Intergovernmental Organisations, federations and National/EU Agencies; and
6. Private companies and Associations from the Maritime Industry.

Almost all these sources are used in this document to a greater or lesser extent.

Chapter 2

2. The Merchant Fleet Population

INTRODUCTION

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

RESULTS

Graph 1 shows that by number, the Equasis fleet is dominated by small and medium sized ships up to 24.999 GT (83.8%). Small ships alone represent 38% by number, although around only 1% by tonnage.

Fishing vessels (21.3%), tugs (16.1%), general cargo ships (13.4%), oil and chemical tankers (11.8%) and bulk carriers (10.4%) are the five most common ship types by number, representing more than two thirds of the Equasis fleet. Most of these are small and medium sized ships.

Table 1 and 2 shows that the large and very large categories, bulk carriers (43.4%), oil and chemical tankers (25%) and container ships (16%) represent approximately 84.5% of the fleet in number in these ship size categories. These figures show no significant changes from 2019 World Fleet report.

In terms of tonnage, the large and very large size categories represent 82% of the Equasis fleet (Graph 2), with oil and chemical tankers, bulk carriers, and container ships jointly dominating both categories at 85.1% (large) and 81.38% (very large).

Table 3 shows an almost even distribution of the Equasis fleet, by number, of ships under and over 15 years of age. However, there is a large dominance of older ships in the small (70.9%) size category. There is a more even spread between ships over (56.4%) and under (43.7%) 15 years of age in the medium size category. The trend is reversed in the large and very large ship size categories, where 70.8% (large) and

77.1% (very large) are less than 15 years old.

Graph 4 shows that the most modern fleets are made up of the biggest ships in tonnage. Looking back at the statistics of the previous years, it is clear that the younger ships are bigger than their predecessors. This trend has been observed in previous years with the biggest ships being recent additions to the fleet.

Graph 13 shows that almost a third (30%) of the total number of ships in Equasis are associated with a targeted flag State. Graphs 17 and 19 show that this proportion is higher for large ships (41%) and very large ships (40%).

Tables 13 and 14 both show that for the targeted flag States, bulk carriers are the most common ship category in number (27.6%) and tonnage (40.2%). This is expected considering that oil and chemical tankers and bulk carriers are the most common ship types with respect to the total number of ships and tonnage (18.9% and 34.2%, for bulk carriers and 18.9% and 25.6% for Oil and Chemical tankers). Even though, in number of ships general cargo, bulk carriers and oil and chemical tankers are similar (18.5%, 18.9%, 18.9%, respectively), bulk carriers are clearly more common in targeted flags (22.2%, 27.6%, 18.2%, respectively). Oil and chemical tankers (19.2%), general cargo ships (16.9%), container ships (6.9%) and bulk carriers (15.1%) have a larger proportion of the total number of ships originating from non-targeted flag States when compared to targeted flag States

Ship sightings (under "2.4 – Ship Sightings by Geographical Area") are provided to Equasis by AXSMarine, VesselTracker and MarineTraffic. At least one ship sighting was recorded for 65% of the active fleet of Equasis.

The figures presented in this section are strongly dependent on the coastal and satellite coverage of AIS data guaranteed by the abovementioned data-providers.

Table 21 suggests that the majority of maritime traffic occurs in East Asia (16%), South East Asia (12.9%) with both geographical areas accounting for 28.9% of the total sightings reported to Equasis and 9.5% the Mediterranean Sea. In respect to ship size, small sized ships were predominately sighted in the East Asia (15.7%) and the Mediterranean Sea (13.1%) while very large ships in (South and South East) Asia (28.1%).

2.1. WHOLE FLEET

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	4,137	7.5%	11,730	21.9%	258	2.0%			16,125	13.4%
Specialized Cargo Ships	8	0.0%	263	0.6%	63	0.5%	6	0.1%	340	0.3%
Container Ships	20	0.0%	2,258	5.0%	1,605	12.6%	1,507	22.2%	5,390	4.5%
Ro-Ro Cargo Ships	38	0.1%	607	1.3%	539	4.2%	260	3.8%	1,444	1.2%
Bulk Carriers	293	0.5%	3,762	8.3%	6,622	52.1%	1,845	27.2%	12,522	10.4%
Oil and Chemical Tankers	1,948	3.5%	7,364	16.2%	2,770	21.8%	2,117	31.2%	14,199	11.8%
Gas Tankers	36	0.1%	1,143	2.5%	406	3.2%	555	8.2%	2,140	1.8%
Other Tankers	413	0.7%	726	1.6%	14	0.1%			1,153	1.0%
Passenger Ships	4,212	7.6%	2,890	6.4%	281	2.2%	184	2.7%	7,567	6.3%
Offshore Vessels	2,750	5.0%	5,110	11.3%	123	1.0%	299	4.4%	8,282	6.9%
Service Ships	2,968	5.4%	2,877	6.3%	20	0.2%	6	0.1%	5,871	4.9%
Tugs	18,407	33.4%	944	2.1%					19,351	16.1%
Fishing Vessels	19,942	36.1%	5,661	12.5%	4	0.0%			25,607	21.3%
Total	55,172	100%	45,335	100%	12,713	100%	6,779	100%	119,999	100%

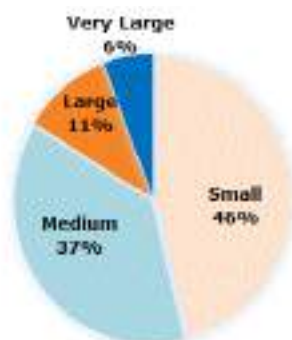
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

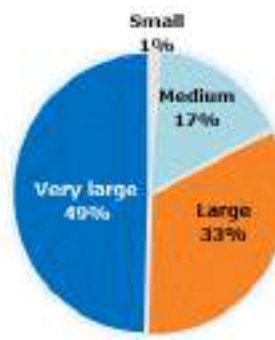
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	1,441	10.5%	52,202	21.6%	8,636	1.8%			62,279	4.3%
Specialized Cargo Ships	3	0.0%	2,032	0.8%	2,446	0.5%	438	0.1%	4,919	0.3%
Container Ships	8	0.1%	26,726	11.1%	60,063	12.6%	169,924	23.6%	256,721	17.6%
Ro-Ro Cargo Ships	12	0.1%	6,121	2.5%	25,661	5.4%	17,487	2.4%	49,281	3.4%
Bulk Carriers	119	0.9%	55,602	23.0%	248,511	52.0%	189,056	26.2%	493,288	33.9%
Oil and Chemical Tankers	632	4.6%	45,012	18.6%	97,883	20.5%	225,678	31.3%	369,204	25.4%
Gas Tankers	14	0.1%	7,340	3.0%	17,693	3.7%	62,412	8.7%	87,459	6.0%
Other Tankers	123	0.9%	2,081	0.9%	411	0.1%			2,614	0.2%
Passenger Ships	1,088	7.9%	11,544	4.8%	10,185	2.1%	20,318	2.8%	43,135	3.0%
Offshore Vessels	772	5.6%	15,238	6.3%	5,636	1.2%	35,117	4.9%	56,763	3.9%
Service Ships	725	5.3%	9,166	3.8%	1,014	0.2%	891	0.1%	11,796	0.8%
Tugs	4,456	32.4%	875	0.4%					5,331	0.4%
Fishing Vessels	4,345	31.6%	7,725	3.2%	142	0.0%			12,212	0.8%
Total	13,738	100%	241,664	100%	478,280	100%	721,321	100%	1,455,003	100%

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

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



Graph 2 - World fleet : gross tonnage, by size



2.2. SHIPS BY AGE

WORLD FLEET

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

Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
0-4 years old	4,072	6.9%	4,476	9.5%	1,976	15.5%	1,483	21.9%	12,007	9.6%
5-14 years old	13,029	22.2%	16,099	34.2%	7,037	55.3%	3,743	55.2%	39,908	31.9%
15-24 years old	9,723	16.6%	8,697	18.5%	3,137	24.7%	1,381	20.4%	22,938	18.3%
+25 years old	31,822	54.3%	17,860	37.9%	564	4.4%	172	2.5%	50,418	40.2%
Total	58,646	100%	47,132	100%	12,714	100%	6,779	100%	125,271	100%

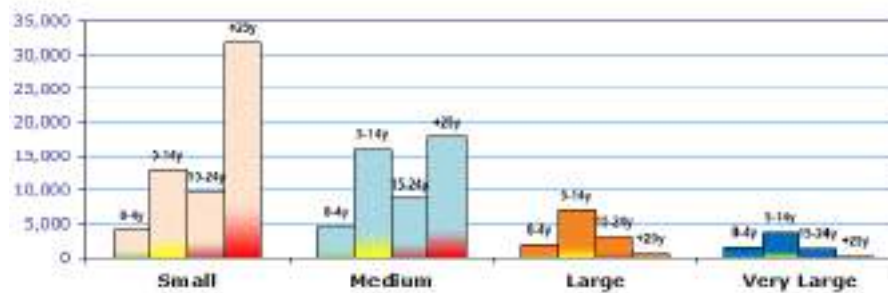
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

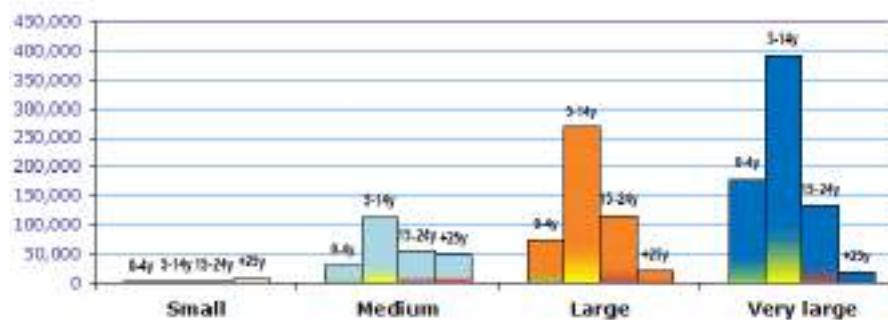
Ship age category	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
0-4 years old	1,207	8.2%	28,592	11.7%	73,788	15.4%	177,493	24.6%	281,060	19.3%
5-14 years old	3,632	24.6%	112,708	46.1%	267,673	56.0%	391,533	54.3%	775,546	53.2%
15-24 years old	2,452	16.6%	54,302	22.2%	118,072	24.2%	133,487	18.5%	306,313	21.0%
+25 years old	7,480	50.6%	48,826	20.0%	20,800	4.3%	18,809	2.6%	95,916	6.6%
Total	14,772	100%	244,428	100%	478,313	100%	721,322	100%	1,458,834	100%

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

Graph 3 - World fleet : total number of ships, by age and size



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



0-4 years old SHIPS

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	210	5.6%	612	14.3%	45	2.3%			867	7.5%
Specialized Cargo Ships			39	0.9%	8	0.4%	2	0.1%	49	0.4%
Container Ships	3	0.1%	285	6.7%	179	9.1%	248	16.7%	715	6.2%
Ro-Ro Cargo Ships	2	0.1%	42	1.0%	23	1.2%	59	4.0%	126	1.1%
Bulk Carriers	21	0.6%	391	9.1%	1,161	58.8%	353	23.8%	1,926	16.8%
Oil and Chemical Tankers	158	4.2%	779	18.2%	403	20.4%	583	39.3%	1,923	16.7%
Gas Tankers	2	0.1%	138	3.2%	113	5.7%	174	11.7%	427	3.7%
Other Tankers	26	0.7%	99	2.3%	3	0.2%			128	1.1%
Passenger Ships	348	9.3%	371	8.7%	32	1.6%	32	2.2%	783	6.8%
Offshore Vessels	204	5.4%	375	8.8%	6	0.3%	32	2.2%	617	5.4%
Service Ships	322	8.6%	284	6.6%	2	0.1%			608	5.3%
Tugs	1,658	44.2%	80	2.1%					1,738	15.2%
Fishing Vessels	798	21.3%	774	18.1%	1				1,573	13.7%
Total	3,752	100%	4,277	100%	1,976	100%	1,483	100%	11,488	100%

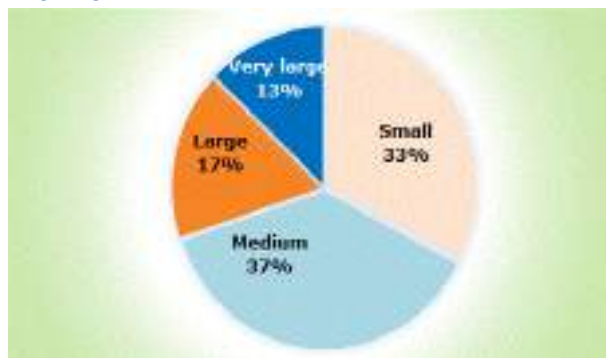
Source: Equasis (1) GT<500 - (2) 500≤GT<25.000 - (3) 25.000≤GT<60.000 - (4) GT≥60.000

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

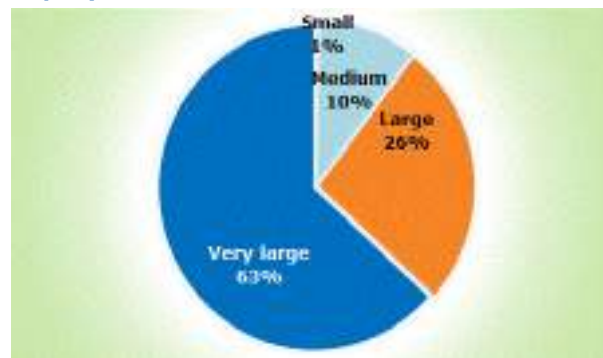
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
General Cargo Ships	86	7.8%	3,514	12.5%	1,602	2.2%			5,203	1.9%
Specialized Cargo Ships			242	0.9%	333	0.5%	134	0.1%	709	0.3%
Container Ships	1	0.1%	3,973	14.1%	5,696	7.7%	40,334	22.7%	50,004	17.8%
Ro-Ro Cargo Ships	1	0.1%	513	1.8%	932	1.3%	4,108	2.3%	5,554	2.0%
Bulk Carriers	9	0.8%	6,507	23.1%	45,755	62.0%	42,824	24.1%	95,095	33.9%
Oil and Chemical Tankers	62	5.6%	5,832	20.7%	12,935	17.5%	60,496	34.1%	79,325	28.3%
Gas Tankers	1	0.1%	1,139	4.0%	4,799	6.5%	20,473	11.5%	26,413	9.4%
Other Tankers	10	0.9%	435	1.5%	80	0.1%			525	0.2%
Passenger Ships	109	9.9%	1,529	5.4%	1,304	1.8%	4,859	2.7%	7,800	2.8%
Offshore Vessels	58	5.2%	1,866	6.6%	246	0.3%	4,265	2.4%	6,435	2.3%
Service Ships	78	7.1%	1,284	4.6%	57	0.1%			1,419	0.5%
Tugs	474	43.1%	82	0.3%					556	0.2%
Fishing Vessels	213	19.3%	1,278	4.5%	28				1,519	0.5%
Total	1,102	100%	28,193	100%	73,768	100%	177,493	100%	280,556	100%

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

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



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



5-14 YEARS OLD SHIPS

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	596	4.9%	3,351	21.8%	129	1.8%			4,066	10.7%
Specialized Cargo Ships			79	0.5%	16	0.2%	4	0.1%	99	0.3%
Container Ships	14	0.1%	860	5.6%	798	11.3%	885	23.6%	2,557	6.7%
Ro-Ro Cargo Ships	6	0.1%	90	0.6%	316	4.5%	152	4.1%	572	1.5%
Bulk Carriers	20	0.2%	2,099	13.7%	4,004	56.9%	1,259	33.6%	7,382	19.4%
Oil and Chemical Tankers	346	2.9%	2,821	18.4%	1,438	20.4%	1,039	27.8%	5,644	14.9%
Gas Tankers	2	0.0%	465	3.0%	201	2.9%	247	6.6%	915	2.4%
Other Tankers	82	0.7%	283	1.8%	7	0.1%			372	1.0%
Passenger Ships	595	5.0%	559	3.6%	58	0.8%	66	1.8%	1,278	3.4%
Offshore Vessels	909	7.7%	2,757	18.0%	57	0.8%	90	2.4%	3,813	10.0%
Service Ships	660	5.6%	766	5.0%	13	0.2%	1	0.0%	1,440	3.8%
Tugs	6,737	56.8%	282	1.8%					7,019	18.5%
Fishing Vessels	1,907	16.1%	917	6.0%					2,824	7.4%
Total	11,864	100%	15,337	100%	7,837	100%	3,743	100%	37,981	100%

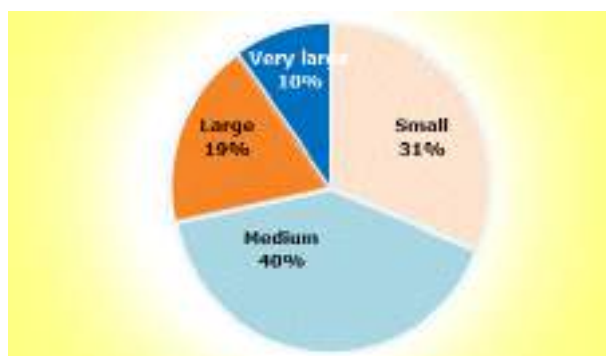
Source: Equasis ⁽¹⁾GT<500 - ⁽²⁾500≤GT<25.000 - ⁽³⁾25.000≤GT<60.000 - ⁽⁴⁾GT≥60.000

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

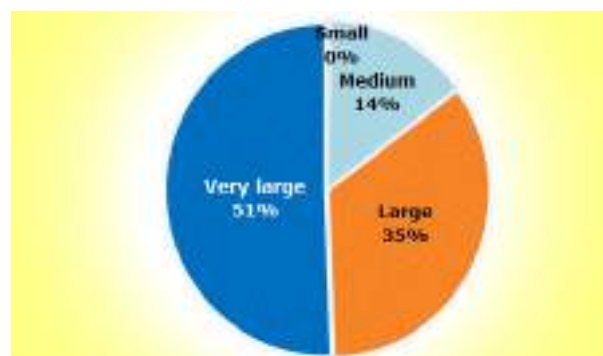
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	255	7.9%	22,219	19.9%	4,372	1.6%			26,846	3.5%
Specialized Cargo Ships			977	0.9%	625	0.2%	304	0.1%	1,906	0.2%
Container Ships	5	0.2%	10,684	9.6%	31,808	11.9%	99,677	25.5%	142,174	18.4%
Ro-Ro Cargo Ships	2	0.1%	1,229	1.1%	15,095	5.6%	10,234	2.6%	26,559	3.4%
Bulk Carriers	9	0.3%	35,141	31.3%	151,698	56.7%	125,122	32.0%	311,970	40.3%
Oil and Chemical Tankers	125	3.9%	20,337	18.2%	49,845	18.6%	111,295	28.4%	181,602	23.5%
Gas Tankers	1	0.0%	3,753	3.4%	8,957	3.3%	28,249	7.2%	40,961	5.3%
Other Tankers	27	0.8%	1,032	0.9%	208	0.1%			1,267	0.2%
Passenger Ships	173	5.3%	2,258	2.0%	2,067	0.8%	7,717	2.0%	12,214	1.6%
Offshore Vessels	270	8.3%	9,280	8.3%	2,521	0.9%	8,532	2.2%	20,603	2.7%
Service Ships	165	5.1%	3,009	2.7%	477	0.2%	403	0.1%	4,055	0.5%
Tugs	1,702	52.5%	277	0.2%					1,979	0.3%
Fishing Vessels	507	15.6%	1,293	1.2%					1,799	0.2%
Total	3,242	100%	111,488	100%	267,673	100%	391,533	100%	773,936	100%

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

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



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



15-24 YEARS OLD SHIPS

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	534	6.0%	2,260	26.9%	98	1.8%			2,890	13.1%
Specialized Cargo Ships	1	0.0%	21	0.3%	10	0.3%			32	0.1%
Container Ships	2	0.0%	820	9.8%	563	18.0%	363	26.3%	1,748	8.0%
Ro-Ro Cargo Ships	4	0.0%	189	2.0%	181	5.8%	48	3.5%	402	1.8%
Bulk Carriers	19	0.3%	631	7.5%	1,254	40.0%	228	16.5%	2,142	9.8%
Oil and Chemical Tankers	221	2.5%	1,537	18.3%	888	28.3%	481	34.8%	3,127	14.4%
Gas Tankers	4	0.0%	236	2.8%	99	1.9%	106	7.7%	405	1.9%
Other Tankers	40	0.5%	67	0.8%	3	0.1%			110	0.5%
Passenger Ships	778	8.9%	555	6.6%	100	3.2%	75	5.4%	1,508	6.9%
Offshore Vessels	423	4.8%	803	9.6%	17	0.5%	78	5.6%	1,321	6.1%
Service Ships	436	4.9%	414	4.9%	5	0.2%	2	0.1%	857	3.9%
Tugs	3,238	36.5%	112	1.3%					3,350	15.4%
Fishing Vessels	3,171	35.7%	763	9.1%					3,934	18.1%
Total	8,881	100%	8,388	100%	3,136	100%	1,381	100%	21,786	100%

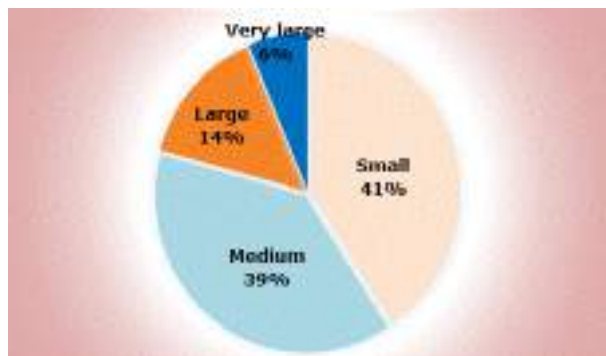
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

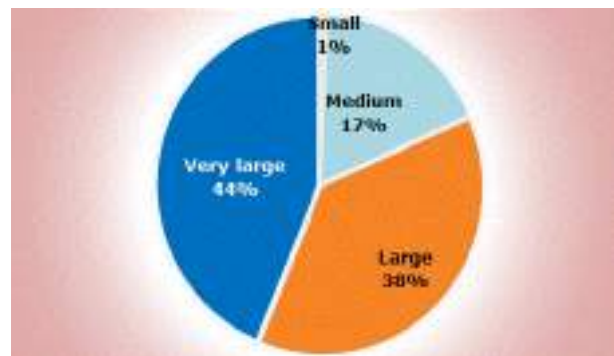
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	214	9.7%	11,768	21.8%	1,786	1.9%			13,769	4.9%
Specialized Cargo Ships			197	0.4%	407	0.4%			604	0.2%
Container Ships	1	0.0%	9,587	17.8%	20,185	17.4%	29,133	21.8%	58,905	19.3%
Ro-Ro Cargo Ships	1	0.1%	2,162	4.0%	8,747	7.5%	3,073	2.3%	13,985	4.6%
Bulk Carriers	11	0.5%	8,457	15.7%	44,260	38.1%	20,601	15.4%	73,310	24.0%
Oil and Chemical Tankers	71	3.2%	12,998	24.1%	33,527	28.9%	52,389	39.2%	98,984	32.4%
Gas Tankers	2	0.1%	1,478	2.7%	2,513	2.2%	10,865	8.1%	14,857	4.9%
Other Tankers	11	0.5%	230	0.4%	93	0.1%			334	0.1%
Passenger Ships	198	9.0%	2,442	4.5%	3,530	3.0%	6,918	5.2%	13,088	4.3%
Offshore Vessels	143	6.5%	1,997	3.7%	824	0.7%	10,302	7.7%	13,266	4.3%
Service Ships	98	4.4%	1,519	2.8%	167	0.1%	206	0.2%	1,990	0.7%
Tugs	788	35.7%	105	0.2%					893	0.3%
Fishing Vessels	669	30.3%	957	1.8%					1,627	0.5%
Total	2,298	100%	53,877	100%	116,040	100%	133,487	100%	305,611	100%

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

Graph 9 - Total number of 15-24 years old ships by size



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



+25 YEARS OLD SHIPS

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

Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	2,807	9.1%	5,507	31.8%	28	5.0%			8,342	17.1%
Specialized Cargo Ships	7	0.0%	124	0.7%	29	5.1%			160	0.3%
Container Ships	1	0.0%	293	1.7%	65	11.5%	11	6.4%	370	0.8%
Ro-Ro Cargo Ships	26	0.1%	290	1.7%	19	3.4%	1	0.6%	344	0.7%
Bulk Carriers	226	0.7%	641	3.7%	203	36.0%	5	2.9%	1,075	2.2%
Oil and Chemical Tankers	1,223	4.0%	2,227	12.8%	41	7.3%	14	8.1%	3,505	7.2%
Gas Tankers	28	0.1%	304	1.8%	33	5.9%	28	16.3%	393	0.8%
Other Tankers	265	0.9%	277	1.6%	1	0.2%			543	1.1%
Passenger Ships	2,491	8.1%	1,405	8.1%	91	16.1%	11	6.4%	3,998	8.2%
Offshore Vessels	1,214	4.0%	1,175	6.8%	43	7.6%	99	57.6%	2,531	5.2%
Service Ships	1,550	5.1%	1,413	8.2%	8	1.4%	3	1.7%	2,974	6.1%
Tugs	6,774	22.1%	462	2.7%					7,236	14.8%
Fishing Vessels	14,056	45.9%	3,207	18.5%	3	0.5%			17,276	35.4%
Total	30,678	100%	17,333	100%	564	100%	172	100%	48,747	100%

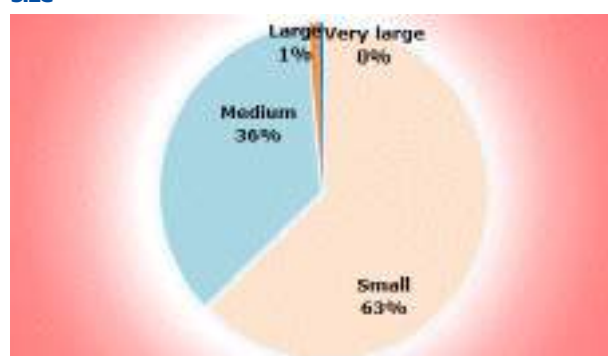
Source: Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

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

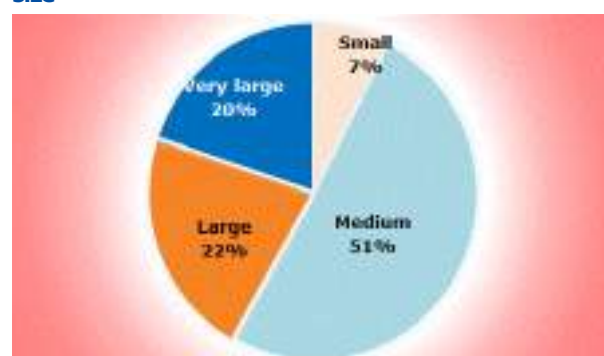
Ship Type	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
General Cargo Ships	896	12.3%	14,701	30.6%	575	4.2%			16,462	17.3%
Specialized Cargo Ships	2	0.0%	616	1.3%	1,000	5.2%			1,699	1.8%
Container Ships			2,482	5.2%	2,374	11.4%	780	4.1%	5,637	5.9%
Ro-Ro Cargo Ships	8	0.1%	2,217	4.6%	886	4.3%	73	0.4%	3,183	3.4%
Bulk Carriers	90	1.3%	5,517	11.5%	6,798	32.7%	509	2.7%	12,914	13.6%
Oil and Chemical Tankers	374	5.2%	5,845	12.2%	1,576	7.6%	1,497	8.0%	9,293	9.8%
Gas Tankers	10	0.1%	970	2.0%	1,424	6.8%	2,825	15.0%	5,229	5.5%
Other Tankers	75	1.0%	384	0.8%	29	0.1%			488	0.5%
Passenger Ships	608	8.5%	5,315	11.0%	3,286	15.8%	825	4.4%	10,033	10.6%
Offshore Vessels	301	4.2%	2,096	4.4%	2,045	9.8%	12,018	63.9%	16,460	17.3%
Service Ships	384	5.3%	3,354	7.0%	313	1.5%	282	1.5%	4,333	4.6%
Tugs	1,492	20.8%	411	0.9%					1,903	2.0%
Fishing Vessels	2,956	41.1%	4,197	8.7%	114	0.5%			7,267	7.7%
Total	7,186	100%	48,105	100%	20,800	100%	18,809	100%	94,900	100%

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

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



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



2.3. SHIPS BY FLAG

WHOLE FLEET GT≥500

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	4,380	22.2%	7,608	16.9%	11,988	18.5%
Specialized Cargo Ships	127	0.6%	205	0.5%	332	0.5%
Container Ships	2,275	11.5%	3,095	6.9%	5,370	8.3%
Ro-Ro Cargo Ships	508	2.6%	898	2.0%	1,406	2.2%
Bulk Carriers	5,443	27.6%	6,786	15.1%	12,229	18.9%
Oil and Chemical Tankers	3,887	19.2%	6,664	19.2%	12,251	18.9%
Gas Tankers	634	3.2%	1,470	3.3%	2,104	3.2%
Other Tankers	159	0.8%	581	1.3%	740	1.1%
Passenger Ships	553	2.8%	2,802	6.2%	3,355	5.2%
Offshore Vessels	1,263	6.4%	4,269	9.5%	5,532	8.5%
Service Ships	341	1.7%	2,570	5.7%	2,911	4.5%
Tugs	107	0.5%	837	1.9%	944	1.5%
Fishing Vessels	363	1.8%	5,302	11.8%	5,665	8.7%
Total	19,740	100%	45,087	100%	64,827	100%

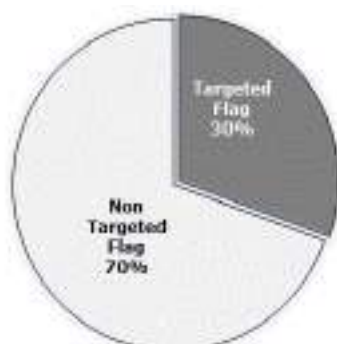
Source: Equasis

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	GT	%	GT	%	GT	%
General Cargo Ships	24,571	4.3%	36,267	4.2%	60,838	4.2%
Specialized Cargo Ships	1,447	0.3%	3,469	0.4%	4,916	0.3%
Container Ships	112,887	19.8%	143,825	16.5%	256,712	17.8%
Ro-Ro Cargo Ships	19,288	3.4%	29,952	3.4%	49,269	3.4%
Bulk Carriers	228,783	40.2%	264,387	30.3%	493,169	34.2%
Oil and Chemical Tankers	133,227	23.4%	235,345	27.0%	368,572	25.6%
Gas Tankers	22,887	4.0%	64,558	7.4%	87,445	6.1%
Other Tankers	813	0.1%	1,878	0.2%	2,492	0.2%
Passenger Ships	9,502	1.7%	32,545	3.7%	42,047	2.9%
Offshore Vessels	12,915	2.3%	43,076	4.9%	55,991	3.9%
Service Ships	2,165	0.4%	8,905	1.0%	11,071	0.8%
Tugs	90	0.0%	785	0.1%	875	0.1%
Fishing Vessels	557	0.1%	7,309	0.8%	7,667	0.5%
Total	569,132	100%	872,133	100%	1,441,265	100%

Source: Equasis

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



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



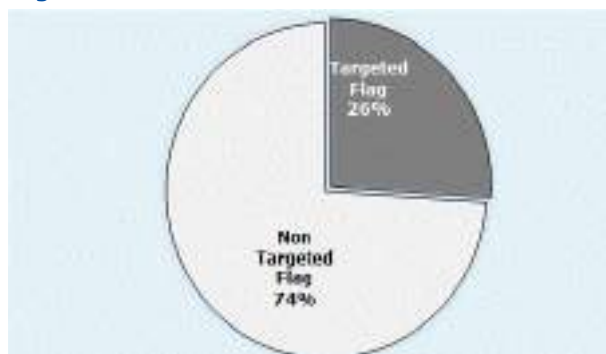
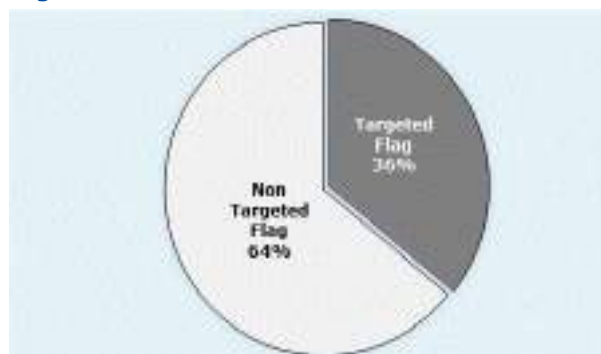
MEDIUM SIZED SHIPS

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	4,326	36.6%	7,404	22.1%	11,730	29.6%
Specialized Cargo Ships	105	0.9%	150	0.5%	263	0.7%
Container Ships	905	7.7%	1,353	4.0%	2,258	5.7%
Ro-Ro Cargo Ships	181	1.5%	426	1.3%	607	1.5%
Bulk Carriers	1,571	13.3%	2,191	6.5%	3,762	9.5%
Oil and Chemical Tankers	1,832	15.5%	5,532	16.5%	7,364	18.6%
Gas Tankers	347	2.9%	796	2.4%	1,143	2.9%
Other Tankers	151	1.3%	575	1.7%	726	1.8%
Passenger Ships	453	3.8%	2,437	7.3%	2,890	7.3%
Offshore Vessels	1,154	9.8%	3,956	11.8%	5,110	12.9%
Service Ships	327	2.8%	2,550	7.6%	2,877	7.3%
Tugs	107	0.9%	837	2.5%	944	2.4%
Fishing Vessels	363	3.1%	5,298	15.8%		
Total	11,822	100%	33,513	100%	39,674	100%

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	22,805	26.3%	29,397	19.0%	52,202	22.3%
Specialized Cargo Ships	580	0.7%	1,452	0.9%	2,032	0.9%
Container Ships	11,803	13.6%	14,922	9.6%	26,726	11.4%
Ro-Ro Cargo Ships	1,630	1.9%	4,491	2.9%	6,121	2.6%
Bulk Carriers	25,911	29.9%	29,692	19.2%	55,602	23.8%
Oil and Chemical Tankers	13,431	15.5%	31,581	20.4%	45,012	19.2%
Gas Tankers	2,938	3.4%	4,402	2.8%	7,340	3.1%
Other Tankers	565	0.7%	1,517	1.0%	2,081	0.9%
Passenger Ships	1,893	2.2%	9,650	6.2%	11,544	4.9%
Offshore Vessels	3,273	3.8%	11,965	7.7%	15,238	6.5%
Service Ships	1,143	1.3%	8,023	5.2%	9,166	3.9%
Tugs	90	0.1%	785	0.5%	875	0.4%
Fishing Vessels	557	0.6%	7,168	4.6%		
Total	86,618	100%	155,045	100%	231,938	100%

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

LARGE SHIPS

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

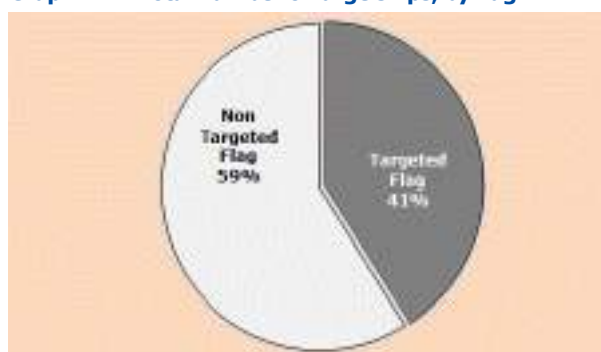
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	54	1.0%	204	2.7%	258	2.0%
Specialized Cargo Ships	22	0.4%	41	0.5%	63	0.5%
Container Ships	692	13.3%	913	12.2%	1,605	12.6%
Ro-Ro Cargo Ships	224	4.3%	315	4.2%	539	4.2%
Bulk Carriers	2,947	56.5%	3,675	49.0%	6,622	52.1%
Oil and Chemical Tankers	1,001	19.2%	1,769	23.6%	2,770	21.8%
Gas Tankers	174	3.3%	232	3.1%	406	3.2%
Other Tankers	5	0.2%	6	0.1%	14	0.1%
Passenger Ships	43	0.8%	238	3.2%	281	2.2%
Offshore Vessels	37	0.7%	86	1.1%	123	1.0%
Service Ships	11	0.2%	17	0.2%	28	0.2%
Tugs						
Fishing Vessels			4	0.1%		
Total	5,313	100%	7,560	100%	12,789	100%

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

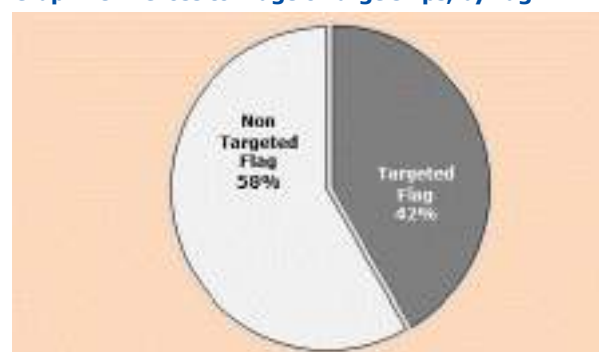
Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships	1,766	0.9%	6,071	2.5%	8,636	1.8%
Specialized Cargo Ships	867	0.4%	1,579	0.6%	2,446	0.5%
Container Ships	25,516	12.8%	34,547	12.4%	60,063	12.6%
Ro-Ro Cargo Ships	10,688	5.4%	14,973	5.4%	25,661	5.4%
Bulk Carriers	112,633	56.6%	135,878	48.7%	248,511	52.0%
Oil and Chemical Tankers	36,606	18.4%	61,276	22.0%	97,883	20.5%
Gas Tankers	7,218	3.6%	10,475	3.8%	17,693	3.7%
Other Tankers	249	0.1%	162	0.1%	411	0.1%
Passenger Ships	1,473	0.7%	8,713	3.1%	10,185	2.1%
Offshore Vessels	1,705	0.9%	3,931	1.4%	5,636	1.2%
Service Ships	413	0.2%	601	0.2%	1,014	0.2%
Tugs						
Fishing Vessels			142	0.1%		
Total	199,134	100%	279,147	100%	478,138	100%

Source: Equasis ⁽¹⁾ 25.000≤GT<60.000

Graph 17 - Total number of large ships, by flag



Graph 18 - Gross tonnage of large ships, by flag



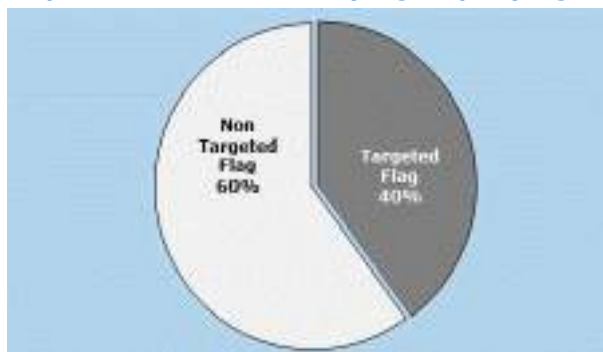
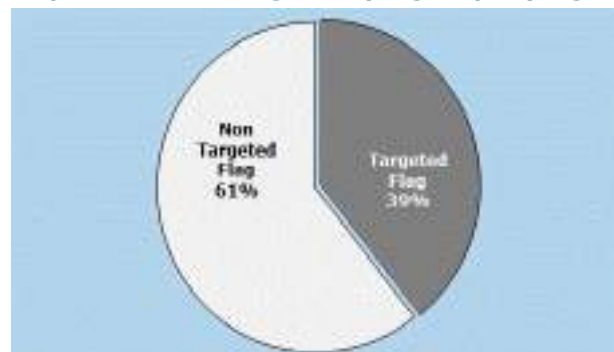
VERY LARGE SHIPS

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships			6	0.1%	6	0.1%
Container Ships	678	25.1%	829	20.3%	1,507	22.2%
Ro-Ro Cargo Ships	103	3.8%	157	3.9%	260	3.8%
Bulk Carriers	925	34.2%	920	22.6%	1,845	27.2%
Oil and Chemical Tankers	754	27.9%	1,363	33.5%	2,117	31.2%
Gas Tankers	113	4.2%	442	10.8%	555	8.2%
Other Tankers						
Passenger Ships	57	2.1%	127	3.1%	184	2.7%
Offshore Vessels	72	2.7%	227	5.6%	299	4.4%
Service Ships	3	0.1%	3	0.1%	6	0.1%
Tugs						
Fishing Vessels						
Total	2,705	100%	4,074	100%	6,779	100%

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

Ship Type	Targeted Flag		Non Targeted Flag		Total	
General Cargo Ships						
Specialized Cargo Ships			438	0.1%	438	0.1%
Container Ships	75,568	26.7%	94,356	21.5%	169,924	23.6%
Ro-Ro Cargo Ships	6,970	2.5%	10,517	2.4%	17,487	2.4%
Bulk Carriers	90,239	31.8%	98,817	22.6%	189,056	26.2%
Oil and Chemical Tankers	63,190	29.4%	142,488	32.5%	225,678	31.3%
Gas Tankers	12,731	4.5%	49,681	11.3%	62,412	8.7%
Other Tankers						
Passenger Ships	6,136	2.2%	14,182	3.2%	20,318	2.8%
Offshore Vessels	7,937	2.8%	27,180	6.2%	35,117	4.9%
Service Ships	609	0.2%	282	0.1%	891	0.1%
Tugs						
Fishing Vessels						
Total	283,380	100%	437,942	100%	721,322	100%

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

2.4. SHIP SIGHTINGS BY GEOGRAPHICAL AREA

Table 21 - Ship Sightings: total distinct number of ships sighted by area and by size – 2020

Geographical Area	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
Australia and New Zealand	467	1.9%	1,603	2.0%	3,109	4.4%	1,968	5.0%	7,147	3.3%
East Africa	164	0.7%	1,353	1.7%	4,172	6.0%	2,634	6.7%	8,323	3.9%
East Asia	3,901	15.7%	15,073	18.5%	9,699	13.9%	5,710	14.6%	34,383	16.0%
Mediterranean Sea	3,253	13.1%	9,391	11.5%	4,972	7.1%	2,921	7.5%	20,537	9.5%
Middle America and Gulf of Mexico	1,976	8.0%	4,479	5.5%	4,576	6.5%	2,268	5.8%	13,299	6.2%
New Guinea Pacific	264	1.1%	1,145	1.4%	1,181	1.7%	426	1.1%	3,016	1.4%
North America East Coast	1,209	4.9%	2,268	2.8%	2,268	3.2%	1,282	3.3%	7,027	3.3%
North America West Coast	1,041	4.2%	1,723	2.1%	3,558	5.1%	1,464	3.7%	7,786	3.6%
North Asia	87	0.4%	595	0.7%	262	0.4%	143	0.4%	1,087	0.5%
North Europe	1,890	7.6%	6,755	8.3%	2,086	3.0%	846	2.2%	11,577	5.4%
South America East Coast	640	2.6%	2,837	3.5%	3,966	5.7%	1,723	4.4%	9,166	4.3%
South America West Coast	316	1.3%	1,339	1.6%	1,354	1.9%	547	1.4%	3,556	1.7%
South Asia	2,033	8.2%	6,499	8.0%	6,727	9.6%	3,846	9.8%	19,105	8.9%
South East Asia	2,814	11.3%	10,979	13.5%	8,620	12.3%	5,284	13.5%	27,697	12.9%
South Africa	307	1.2%	1,835	2.3%	4,875	7.0%	3,023	7.7%	10,040	4.7%
West Africa	1,219	4.9%	4,991	6.1%	3,906	5.6%	2,210	5.7%	12,326	5.7%
West Europe	3,234	13.0%	8,668	10.6%	4,677	6.7%	2,762	7.1%	19,341	9.0%
Total	24,815	100%	81,533	100%	70,008	100%	39,057	100%	215,413	100%

Source: As provided by AXSMarine, VesselTracker and MarineTraffic to Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

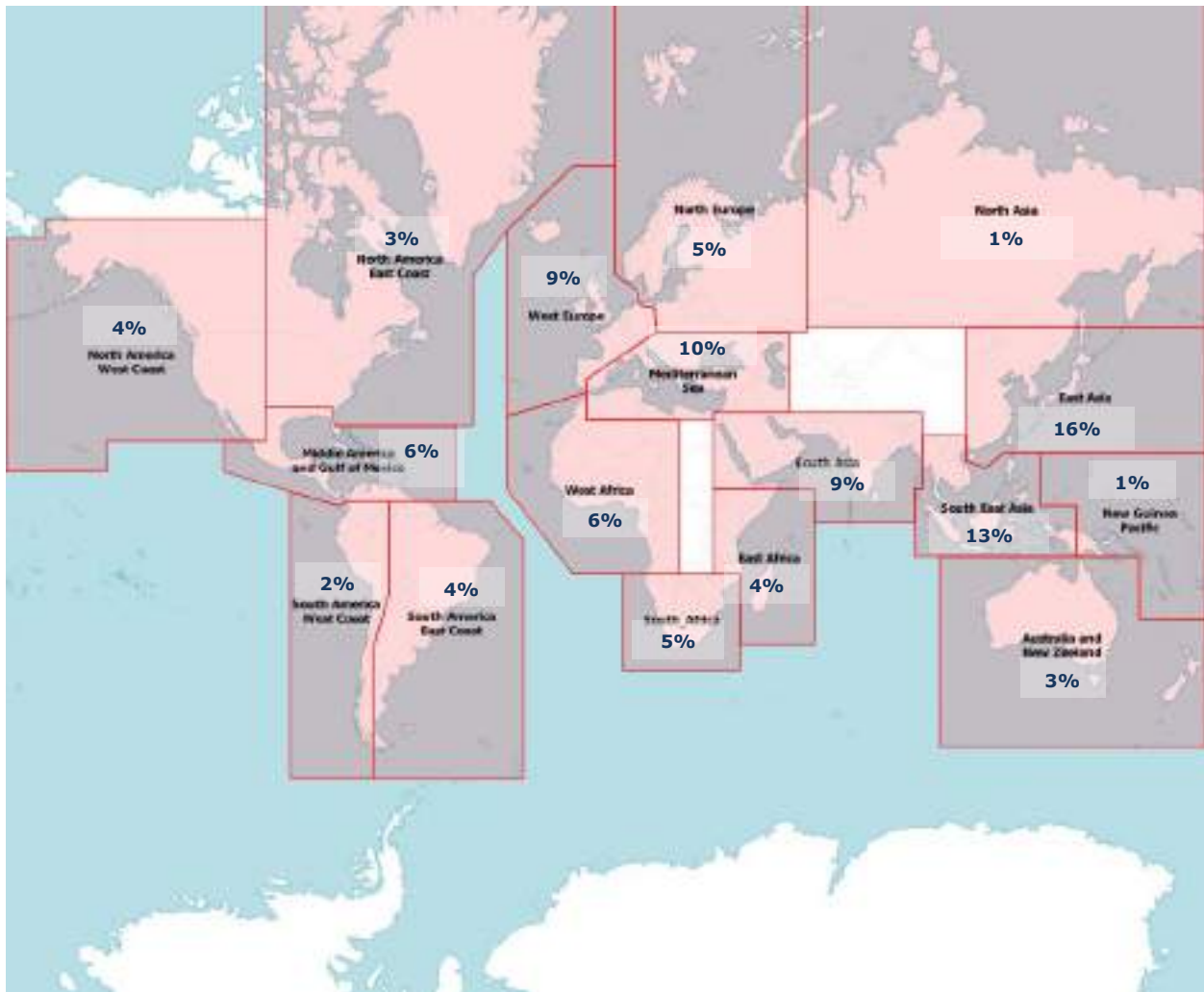
Table 22 - Ship Sightings: Gross tonnage (in 1000 gt) of distinct ships sighted by area and by size – 2020

Geographical Area	Small ⁽¹⁾		Medium ⁽²⁾		Large ⁽³⁾		Very Large ⁽⁴⁾		Total	
	Count	%	Count	%	Count	%	Count	%	Count	%
Australia and New Zealand	151	2.1%	23,014	3.0%	126,419	4.7%	185,409	4.5%	334,993	4.4%
East Africa	53	0.7%	18,104	2.3%	163,395	6.1%	288,979	7.1%	470,531	6.2%
East Asia	1,220	16.7%	118,911	15.4%	370,230	13.8%	622,492	15.2%	1,112,853	14.7%
Mediterranean Sea	970	13.3%	78,298	10.2%	187,169	7.0%	296,003	7.2%	562,440	7.4%
Middle America and Gulf of Mexico	621	8.5%	48,554	6.3%	173,121	6.5%	222,258	5.4%	444,554	5.9%
New Guinea Pacific	80	1.1%	13,939	1.8%	47,385	1.8%	38,677	0.9%	100,081	1.3%
North America East Coast	308	4.2%	26,982	3.5%	87,422	3.3%	115,443	2.8%	230,155	3.0%
North America West Coast	261	3.6%	23,551	3.1%	138,772	5.2%	145,284	3.6%	307,868	4.1%
North Asia	29	0.4%	3,385	0.4%	10,588	0.4%	13,557	0.3%	27,559	0.4%
North Europe	493	6.8%	50,661	6.6%	78,753	2.9%	79,074	1.9%	208,981	2.8%
South America East Coast	197	2.7%	35,788	4.6%	151,472	5.6%	188,695	4.6%	376,152	5.0%
South America West Coast	104	1.4%	16,648	2.2%	48,615	1.8%	49,579	1.2%	114,946	1.5%
South Asia	680	9.3%	64,096	8.3%	255,427	9.5%	426,575	10.4%	746,778	9.9%
South East Asia	820	11.2%	94,762	12.3%	330,825	12.3%	581,025	14.2%	1,007,432	13.3%
South Africa	97	1.3%	24,685	3.2%	190,055	7.1%	330,405	8.1%	545,242	7.2%
West Africa	363	5.0%	52,085	6.8%	145,948	5.4%	227,827	5.6%	426,223	5.6%
West Europe	847	11.6%	77,215	10.0%	177,478	6.6%	280,189	6.8%	535,729	7.1%
Total	7,294	100%	770,678	100%	2,683,074	100%	4,091,471	100%	7,552,517	100%

Source: As provided by AXSMarine, VesselTracker and MarineTraffic to Equasis ⁽¹⁾ GT<500 - ⁽²⁾ 500≤GT<25.000 - ⁽³⁾ 25.000≤GT<60.000 - ⁽⁴⁾ GT≥60.000

Graph 21 - Ship Sightings: total distinct number of ships sighted by geographical area – 2020

Sources: As provided by AXSMarine, VesselTracker and MarineTraffic to Equasis



Chapter 3

3. Classification Societies

INTRODUCTION

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

This chapter and all other tables and graphs dealing with Classification Societies in this publication, with the exception of Chapters 5.5 and 5.6, only refer to the 'class' function; they only indicate the society that issued the class certificates for a particular ship. It does not necessarily follow that the same society is also acting as a Recognised Organisation on behalf of the ship's flag State.

In 2020, IACS consisted of 12 members societies:

- American Bureau of Shipping (ABS),
- Bureau Veritas (BV),
- China Classification Society (CCS),
- Croatian Register of Shipping (CRS),
- DNV,
- Indian Register of Shipping (IRS),
- Korean Register of Shipping (KR),
- Lloyd's Register of Shipping (LR),
- Nippon Kaiji Kyokai (ClassNK),
- Polish Register of Shipping (PRS),
- Registro Italiano Navale (RINA), and
- Russian Maritime Register of Shipping (RS).

Non-members of IACS who report their activity data to Equasis are:

- Türk Loydu (TL),
- Dromon Bureau of Shipping (DR),
- Overseas Marine Certification Services (OMCS),

- Biro Klasifikasi Indonesia (BKI),
- Phoenix Register of Shipping (PHRS), and
- Emirates Classification Society (TASNEEF).

The tables in this chapter show the proportion of the Equasis fleet $GT \geq 500$, in each ship size category and ship type, which were classed by IACS members and those classed by non-IACS members. Data on class comes from classification societies that are data-providers of Equasis while remaining class information is supplied by IHS Markit Maritime & Trade, when available.

For simplicity reasons ships that are not classed by IACS members or for which no class record exists are grouped under the heading "Non-IACS/No Record".

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

In Chapter 3.4 the detention rate of ships is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MoU, Indian Ocean MoU, USCG, Viña del Mar Agreement, Mediterranean MoU, Caribbean MoU, Black Sea MoU and Abuja MoU. All detentions are taken into account, whether or not the deficiencies giving rise to the detention were indicated by PSC as being related to the activities of the Classification Society or Recognised Organisation.

Please also note that the figures in this chapter may be different from those in the Annual Report from IACS. This may be due to variation in gross tonnage reported in the Equasis database.

RESULTS

Graph 22 shows that the Equasis fleet over 500 GT is dominated by ships classed by

IACS members (56% by number and 78% by tonnage).

This proportion is reflected in most of the ship types although general cargo ships account for around a fourth (23.8%) of the world's fleet over 500GT that are not IACS classed or for which no record was available in Equasis (Table 23). Graphs 24 to 29 show that the IACS share is bigger, in number of ships, in the higher size categories of the ships, (Graph 26) with 80% of the large ships and (Graph 28) 81% of the very large ships categories being classed by IACS, compared to 56% of the total world fleet above 500GT (Graph 22). Ships covered by non-IACS members or for which no class was recorded are mostly medium sized ships (Graph 24) in contrast with remaining ship size categories.

Graphs 30, 38, 46 and 54 show that the IACS members coverage is greater among the younger fleet and tends to diminish with age – from 67% of ships aged up to 5 years (Graph 30) to 28% of the fleet over 25 years old (Graph 54).

Graph 62 shows that 36% of ships originated from non-targeted flags are being classified by IACS members, with 34% of the ships being classed by non-IACS (or no record was found).

In Chapter 3.4, the safety performance of the Equasis fleet over 500 GT, as measured by detention rate, shows that 2.03% of inspections resulted in detention in 2020 (Table 71). Those ships classed by an IACS member had a lower detention ratio in 2020 (1.94%) than those classed with non-IACS members or with no recorded class (2.37%).

For certain ship categories the number of inspections is too small to be statistically significant, thus explaining some of the reported 0% detention rate.

3.1. CLASS STATUS

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

Table 23 - World fleet GT≥500 : total number of ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	5,222	14.3%	6,766	23.8%	11,988	18.5%
Specialized Cargo Ships	226	0.6%	106	0.4%	332	0.5%
Container Ships	3,314	9.1%	2,056	7.2%	5,370	8.3%
Ro-Ro Cargo Ships	979	2.7%	427	1.5%	1,406	2.2%
Bulk Carriers	10,136	27.8%	2,093	7.4%	12,229	18.9%
Oil and Chemical Tankers	8,212	22.5%	4,039	14.2%	12,251	18.0%
Gas Tankers	1,614	4.4%	490	1.7%	2,104	3.2%
Other Tankers	451	1.2%	289	1.0%	740	1.1%
Passenger Ships	1,241	3.4%	2,114	7.4%	3,355	5.2%
Offshore Vessels	3,228	8.0%	2,304	8.1%	5,532	8.5%
Service Ships	1,152	3.2%	1,759	6.2%	2,911	4.5%
Tugs	519	1.4%	425	1.5%	944	1.5%
Fishing Vessels	152	0.4%	5,513	19.4%	5,665	8.7%
Total	36,446	100%	28,381	100%	64,827	100%

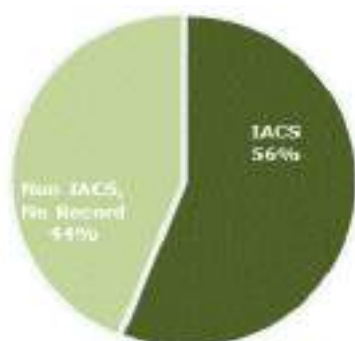
Source: Equasis - IACS membership on 31/12/2020

Table 24 - World fleet GT≥500 : gross tonnage (in 1000 gt) of ships, by type and class

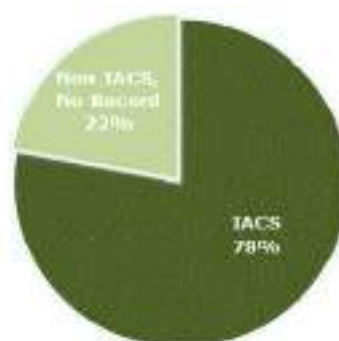
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	36,377	3.2%	24,461	7.7%	60,838	4.2%
Specialized Cargo Ships	3,996	0.4%	921	0.3%	4,916	0.3%
Container Ships	168,899	15.0%	87,813	27.7%	256,712	17.8%
Ro-Ro Cargo Ships	38,013	3.4%	11,256	3.5%	49,269	3.4%
Bulk Carriers	439,919	39.1%	53,250	16.8%	493,169	34.2%
Oil and Chemical Tankers	296,942	26.4%	71,629	22.6%	368,572	25.6%
Gas Tankers	70,948	6.3%	16,497	5.2%	87,445	6.1%
Other Tankers	1,885	0.2%	607	0.2%	2,492	0.2%
Passenger Ships	25,715	2.3%	16,332	5.1%	42,047	2.9%
Offshore Vessels	33,867	3.0%	22,124	7.0%	55,991	3.9%
Service Ships	6,662	0.6%	4,409	1.4%	11,071	0.8%
Tugs	498	0.0%	377	0.1%	875	0.1%
Fishing Vessels	379	0.0%	7,488	2.4%	7,867	0.5%
Total	1,124,101	100%	317,164	100%	1,441,265	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 22 - World fleet GT≥500: total number of ships, by class



Graph 23 - World fleet GT≥500: gross tonnage of ships, by class



MEDIUM SIZED SHIPS

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	5,093	24.5%	6,635	27.0%	11,730	25.9%
Specialized Cargo Ships	169	0.8%	94	0.4%	263	0.6%
Container Ships	1,388	6.7%	870	3.5%	2,258	5.0%
Ro-Ro Cargo Ships	350	1.7%	257	1.0%	607	1.3%
Bulk Carriers	2,552	12.3%	1,210	4.9%	3,762	8.3%
Oil and Chemical Tankers	4,293	20.6%	3,071	12.5%	7,364	16.2%
Gas Tankers	848	4.1%	293	1.2%	1,143	2.5%
Other Tankers	441	2.1%	285	1.2%	726	1.6%
Passenger Ships	903	4.3%	1,987	8.1%	2,890	6.4%
Offshore Vessels	2,973	14.3%	2,137	8.7%	5,110	11.3%
Service Ships	1,123	5.4%	1,754	7.2%	2,877	6.3%
Tugs	519	2.5%	425	1.7%	944	2.1%
Fishing Vessels	151	0.7%	5,510	22.3%	5,661	12.5%
Total	20,805	100%	24,530	100%	45,335	100%

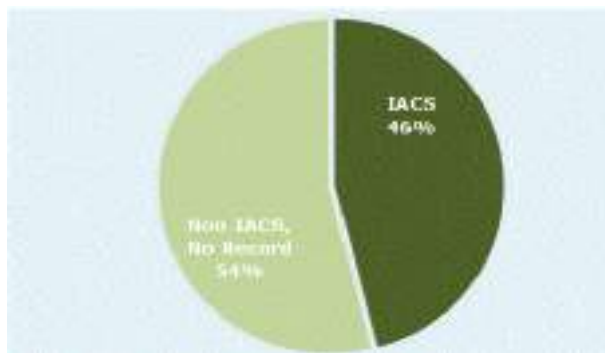
Source: Equasis - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2020

Table 26 - Gross tonnage (in 1000 gt) of medium sized⁽¹⁾ ships, by type and class

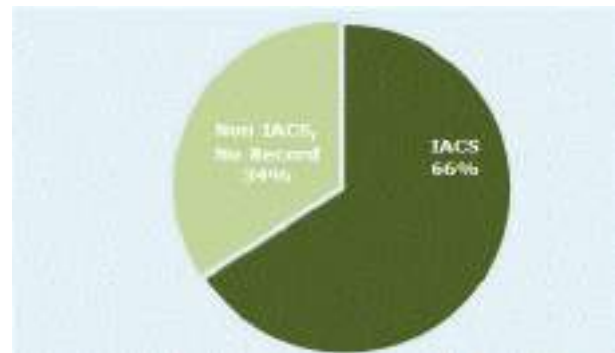
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	32,184	20.2%	20,018	24.2%	52,202	21.6%
Specialized Cargo Ships	1,577	1.0%	456	0.6%	2,032	0.8%
Container Ships	17,218	10.8%	9,508	11.5%	26,726	11.1%
Ro-Ro Cargo Ships	4,189	2.6%	1,932	2.3%	6,121	2.5%
Bulk Carriers	43,657	27.4%	11,945	14.5%	55,602	23.0%
Oil and Chemical Tankers	32,625	20.5%	12,387	15.0%	45,012	18.6%
Gas Tankers	5,051	3.0%	1,689	2.0%	7,340	3.0%
Other Tankers	1,600	1.0%	481	0.6%	2,081	0.9%
Passenger Ships	5,751	3.6%	5,793	7.0%	11,544	4.8%
Offshore Vessels	8,803	5.5%	6,435	7.8%	15,238	6.3%
Service Ships	4,958	3.1%	4,208	5.1%	9,166	3.8%
Tugs	498	0.3%	377	0.5%	875	0.4%
Fishing Vessels	347	0.2%	7,378	8.9%	7,725	3.2%
Total	159,057	100%	82,606	100%	241,663	100%

Source: Equasis - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2020

Graph 24 - Total number of medium sized ships, by class



Graph 25 - Gross tonnage of medium sized ships, by class



LARGE SHIPS

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	127	1.2%	131	5.3%	258	2.0%
Specialized Cargo Ships	51	0.5%	12	0.5%	63	0.5%
Container Ships	860	8.6%	725	29.1%	1,605	12.6%
Ro-Ro Cargo Ships	423	4.1%	110	4.7%	539	4.2%
Bulk Carriers	5,867	57.4%	755	30.3%	6,622	52.1%
Oil and Chemical Tankers	2,223	21.8%	547	21.9%	2,770	21.8%
Gas Tankers	306	3.0%	100	4.0%	406	3.2%
Other Tankers	10	0.1%	4	0.2%	14	0.1%
Passenger Ships	226	2.2%	55	2.2%	281	2.2%
Offshore Vessels	82	0.8%	41	1.6%	123	1.0%
Service Ships	24	0.2%	4	0.2%	28	0.2%
Tugs						
Fishing Vessels	1	0.0%	3	0.1%	4	0.0%
Total	10,220	100%	2,493	100%	12,713	100%

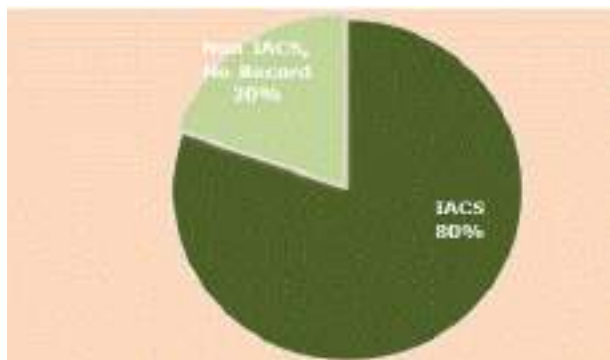
Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

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

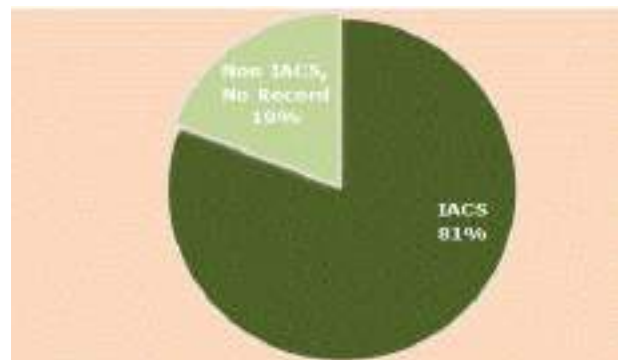
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	4,193	1.1%	4,443	4.9%	8,636	1.8%
Specialized Cargo Ships	1,981	0.5%	465	0.5%	2,446	0.5%
Container Ships	33,617	8.7%	26,446	28.9%	60,063	12.6%
Ro-Ro Cargo Ships	20,041	5.2%	5,620	6.1%	25,661	5.4%
Bulk Carriers	221,614	57.3%	26,897	29.4%	248,511	52.0%
Oil and Chemical Tankers	78,859	20.4%	19,024	20.8%	97,883	20.5%
Gas Tankers	13,415	3.5%	4,278	4.7%	17,693	3.7%
Other Tankers	285	0.1%	125	0.1%	411	0.1%
Passenger Ships	8,136	2.1%	2,049	2.2%	10,185	2.1%
Offshore Vessels	3,777	1.0%	1,859	2.0%	5,636	1.2%
Service Ships	884	0.2%	130	0.1%	1,014	0.2%
Tugs						
Fishing Vessels	32	0.0%	110	0.1%	142	0.0%
Total	386,833	100%	91,448	100%	478,280	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

Graph 26 - Total number of large ships, by class



Graph 27 - Gross tonnage of large ships, by class



VERY LARGE SHIPS

Table 29 - Total number of very large⁽¹⁾ ships, by type and class

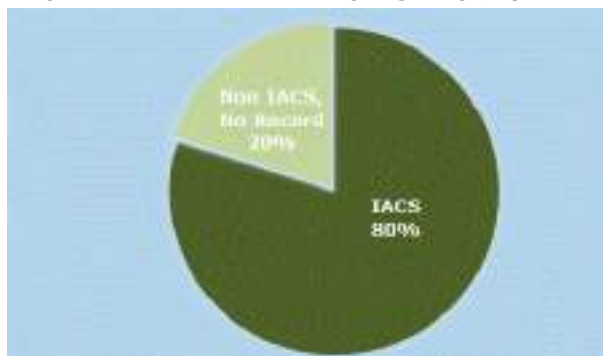
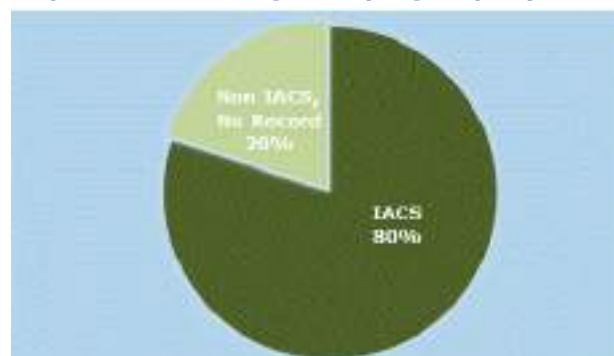
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships	6	0.1%			6	0.1%
Container Ships	1,046	19.3%	461	33.9%	1,507	22.2%
Ro-Ro Cargo Ships	206	3.8%	54	4.0%	260	3.8%
Bulk Carriers	1,717	31.7%	128	9.4%	1,845	27.2%
Oil and Chemical Tankers	1,696	31.3%	421	31.0%	2,117	31.2%
Gas Tankers	460	8.5%	95	7.0%	555	8.2%
Other Tankers						
Passenger Ships	112	2.1%	72	5.3%	184	2.7%
Offshore Vessels	173	3.2%	126	9.3%	299	4.4%
Service Ships	5	0.1%	1	0.1%	6	0.1%
Tugs						
Fishing Vessels						
Total	5,421	100%	1,358	100%	6,779	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2020

Table 30 - Gross tonnage (in 1000 gt) of very large⁽¹⁾ ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships	438	0.1%			438	0.1%
Container Ships	118,064	20.4%	51,860	36.2%	169,924	23.6%
Ro-Ro Cargo Ships	13,783	2.4%	3,705	2.6%	17,487	2.4%
Bulk Carriers	174,648	30.2%	14,408	10.1%	189,056	26.2%
Oil and Chemical Tankers	185,459	32.1%	40,219	28.1%	225,678	31.3%
Gas Tankers	51,883	9.0%	10,530	7.4%	62,412	8.7%
Other Tankers						
Passenger Ships	11,829	2.0%	8,489	5.9%	20,318	2.8%
Offshore Vessels	21,287	3.7%	13,830	9.7%	35,117	4.9%
Service Ships	821	0.1%	71	0.0%	891	0.1%
Tugs						
Fishing Vessels						
Total	578,211	100%	143,110	100%	721,322	100%

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2020

Graph 28 - Total number of very large ships, by class**Graph 29 - Gross tonnage of very large ships, by class**

3.2. CLASS STATUS AND AGE

0-4 YEARS OLD SHIPS

Table 31 - World fleet GT≥500: total number of 0-4 years old ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	403	7.8%	254	9.9%	657	8.5%
Specialized Cargo Ships	35	0.7%	14	0.5%	49	0.6%
Container Ships	486	9.4%	226	8.8%	712	9.2%
Ro-Ro Cargo Ships	103	2.0%	21	0.8%	124	1.6%
Bulk Carriers	1,637	31.7%	268	10.4%	1,905	24.6%
Oil and Chemical Tankers	1,345	26.0%	420	16.4%	1,765	22.8%
Gas Tankers	353	6.8%	72	2.8%	425	5.5%
Other Tankers	93	1.8%	9	0.4%	102	1.3%
Passenger Ships	161	3.1%	274	10.7%	435	5.6%
Offshore Vessels	312	6.0%	101	3.9%	413	5.3%
Service Ships	132	2.6%	154	6.0%	286	3.7%
Tugs	72	1.4%	16	0.6%	88	1.1%
Fishing Vessels	36	0.7%	739	28.8%	775	10.0%
Total	5,168	100%	2,568	100%	7,736	100%

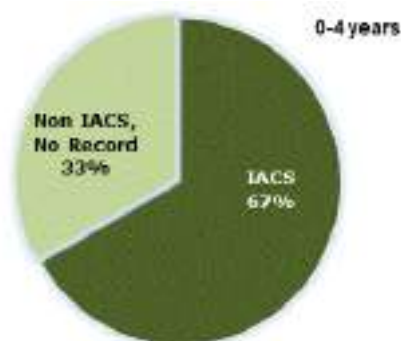
Source: Equasis - IACS membership on 31/12/2020

Table 32 - World fleet GT≥500: gross tonnage (in 1000 gt) of ships 0-4 years old, by type and class

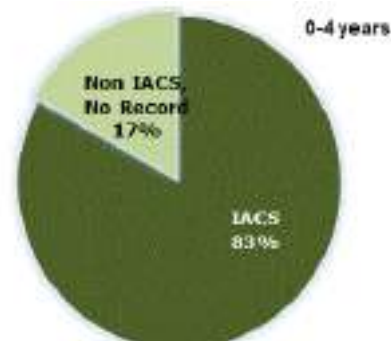
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	3,867	1.7%	1,249	2.6%	5,116	1.8%
Specialized Cargo Ships	470	0.2%	240	0.5%	709	0.3%
Container Ships	39,329	16.9%	10,674	22.6%	50,002	17.9%
Ro-Ro Cargo Ships	4,711	2.0%	843	1.8%	5,553	2.0%
Bulk Carriers	86,173	37.1%	8,913	18.9%	95,086	34.0%
Oil and Chemical Tankers	65,933	28.4%	13,330	28.2%	79,263	28.4%
Gas Tankers	21,610	9.3%	4,801	10.2%	26,412	9.5%
Other Tankers	501	0.2%	15	0.0%	515	0.2%
Passenger Ships	4,540	2.0%	3,151	6.7%	7,691	2.8%
Offshore Vessels	4,185	1.8%	2,192	4.6%	6,377	2.3%
Service Ships	754	0.3%	587	1.2%	1,341	0.5%
Tugs	62	0.0%	20	0.0%	82	0.0%
Fishing Vessels	113	0.0%	1,193	2.5%	1,306	0.5%
Total	232,247	100%	47,206	100%	279,454	100%

Source: Equasis - IACS membership on 31/12/2020

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



Graph 31 - World fleet GT≥500: gross tonnage of 0-4 years old of ships, by class



0-4 YEARS OLD MEDIUM SIZED SHIPS

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

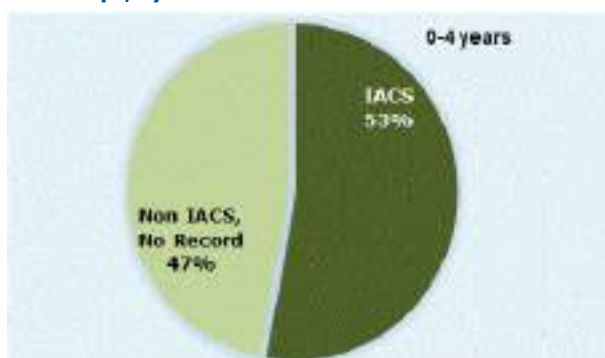
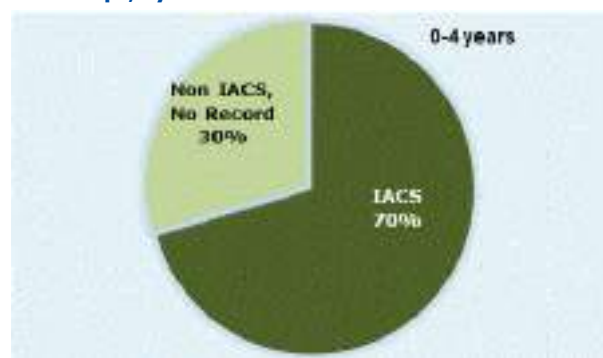
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	367	16.2%	245	12.2%	612	14.3%
Specialized Cargo Ships	29	1.3%	10	0.5%	39	0.9%
Container Ships	186	8.2%	99	4.9%	285	6.7%
Ro-Ro Cargo Ships	38	1.7%	4	0.2%	42	1.0%
Bulk Carriers	265	11.7%	126	6.3%	391	9.1%
Oil and Chemical Tankers	523	23.1%	256	12.7%	779	18.2%
Gas Tankers	118	5.2%	20	1.0%	138	3.2%
Other Tankers	90	4.0%	9	0.4%	99	2.3%
Passenger Ships	119	5.3%	252	12.5%	371	8.7%
Offshore Vessels	290	12.8%	85	4.2%	375	8.8%
Service Ships	130	5.7%	154	7.6%	284	6.6%
Tugs	72	3.2%	16	0.8%	88	2.1%
Fishing Vessels	30	1.6%	738	36.0%	774	18.1%
Total	2,263	100%	2,014	100%	4,277	100%

Source: Equasis - IACS membership on 31/12/2020

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	2,575	13.0%	939	11.3%	3,514	12.5%
Specialized Cargo Ships	189	1.0%	54	0.6%	242	0.9%
Container Ships	2,714	13.7%	1,258	15.1%	3,973	14.1%
Ro-Ro Cargo Ships	489	2.5%	25	0.3%	513	1.8%
Bulk Carriers	5,231	26.3%	1,276	15.3%	6,507	23.1%
Oil and Chemical Tankers	4,582	23.1%	1,250	15.0%	5,832	20.7%
Gas Tankers	875	4.4%	264	3.2%	1,139	4.0%
Other Tankers	420	2.1%	15	0.2%	435	1.5%
Passenger Ships	576	2.9%	953	11.4%	1,529	5.4%
Offshore Vessels	1,340	6.7%	523	6.3%	1,866	6.6%
Service Ships	697	3.5%	567	7.0%	1,284	4.6%
Tugs	62	0.3%	20	0.2%	82	0.3%
Fishing Vessels	113	0.6%	1,165	14.0%	1,278	4.5%
Total	19,864	100%	8,329	100%	28,193	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 32 - Total number of 0-4 years old medium sized ships, by class**Graph 33 - Gross tonnage of 0-4 years old medium sized ships, by class**

0-4 YEARS OLD LARGE SHIPS

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

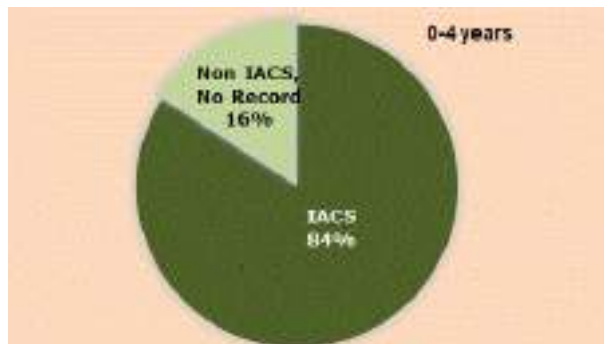
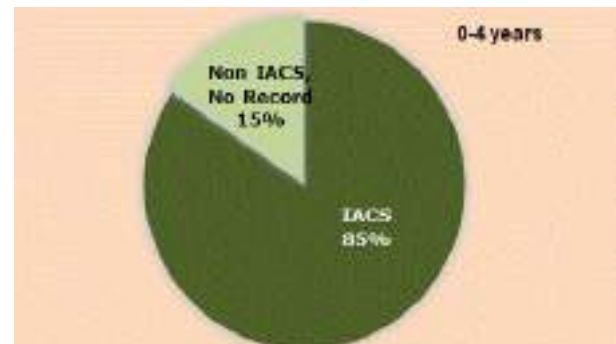
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	36	2.2%	9	2.9%	45	2.3%
Specialized Cargo Ships	4	0.2%	4	1.3%	8	0.4%
Container Ships	100	6.0%	79	25.2%	179	9.1%
Ro-Ro Cargo Ships	10	0.6%	13	4.1%	23	1.2%
Bulk Carriers	1,049	63.1%	112	35.7%	1,161	58.8%
Oil and Chemical Tankers	338	20.3%	65	20.7%	403	20.4%
Gas Tankers	94	5.7%	19	6.1%	113	5.7%
Other Tankers	3	0.2%			3	0.2%
Passenger Ships	22	1.3%	10	3.2%	32	1.6%
Offshore Vessels	4	0.2%	2	0.6%	6	0.3%
Service Ships	2	0.1%			2	0.1%
Tugs						
Fishing Vessels			1	0.3%	1	0.1%
Total	1,662	100%	314	100%	1,976	100%

Source: Equasis - IACS membership on 31/12/2020

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,293	2.1%	309	2.7%	1,602	2.2%
Specialized Cargo Ships	147	0.2%	186	1.6%	333	0.5%
Container Ships	3,267	5.2%	2,429	21.4%	5,696	7.7%
Ro-Ro Cargo Ships	387	0.6%	545	4.8%	932	1.3%
Bulk Carriers	41,249	66.1%	4,505	39.7%	45,755	62.0%
Oil and Chemical Tankers	10,877	17.4%	2,058	18.1%	12,935	17.5%
Gas Tankers	3,992	6.4%	808	7.1%	4,799	6.5%
Other Tankers	80	0.1%			80	0.1%
Passenger Ships	910	1.5%	394	3.5%	1,304	1.8%
Offshore Vessels	164	0.3%	82	0.7%	246	0.3%
Service Ships	57	0.1%			57	0.1%
Tugs						
Fishing Vessels			28	0.2%	28	0.0%
Total	62,423	100%	11,345	100%	73,768	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 34 - Total number of 0-4 years old large ships, by class**Graph 35 - Gross tonnage of 0-4 years old large ships, by class**

0-4 YEARS OLD VERY LARGE SHIPS

Table 37 - Total number of 0-4 years old very large⁽¹⁾ ships, by type and class

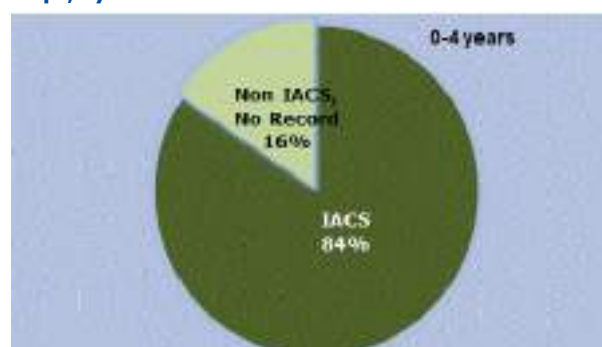
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships	2	0.2%			2	0.1%
Container Ships	200	16.1%	48	20.0%	248	16.7%
Ro-Ro Cargo Ships	55	4.4%	4	1.7%	59	4.0%
Bulk Carriers	323	26.0%	30	12.5%	353	23.8%
Oil and Chemical Tankers	484	38.9%	99	41.3%	583	39.3%
Gas Tankers	141	11.3%	33	13.8%	174	11.7%
Other Tankers						
Passenger Ships	20	1.6%	12	5.0%	32	2.2%
Offshore Vessels	18	1.4%	14	5.8%	32	2.2%
Service Ships						
Tugs						
Fishing Vessels						
Total	1,243	100%	240	100%	1,483	100%

Source: Equasis - IACS membership on 31/12/2020

Table 38 - Gross tonnage (in 1000 gt) of 0-4 years old very large⁽¹⁾ ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships	134	0.1%			134	0.1%
Container Ships	33,348	22.2%	6,986	25.4%	40,334	22.7%
Ro-Ro Cargo Ships	3,835	2.6%	273	1.0%	4,108	2.3%
Bulk Carriers	39,692	26.5%	3,132	11.4%	42,824	24.1%
Oil and Chemical Tankers	50,474	33.7%	10,022	36.4%	60,496	34.1%
Gas Tankers	16,744	11.2%	3,730	13.5%	20,473	11.5%
Other Tankers						
Passenger Ships	3,054	2.0%	1,804	6.6%	4,850	2.7%
Offshore Vessels	2,680	1.8%	1,585	5.8%	4,265	2.4%
Service Ships						
Tugs						
Fishing Vessels						
Total	149,960	100%	27,532	100%	177,493	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 36 - Total number of 0-4 years old very large ships, by class**Graph 37 - Gross tonnage of 0-4 years old very large ships, by class**

5-14 YEARS OLD SHIPS

Table 39 - World fleet GT≥500: total number of 5-14 years old ships, by type and class

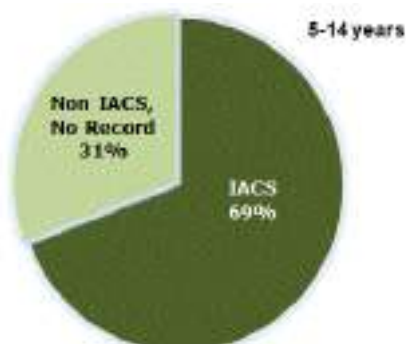
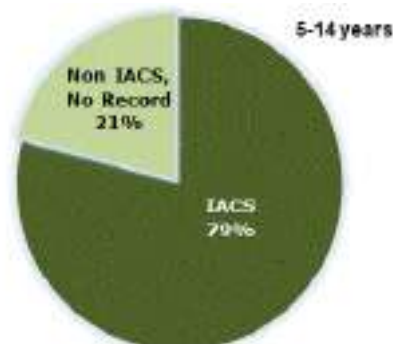
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,889	10.5%	1,591	10.7%	3,480	13.3%
Specialized Cargo Ships	85	0.5%	14	0.2%	99	0.4%
Container Ships	1,570	8.7%	973	12.1%	2,543	9.7%
Ro-Ro Cargo Ships	421	2.3%	145	1.8%	566	2.2%
Bulk Carriers	6,137	34.0%	1,225	15.2%	7,362	28.2%
Oil and Chemical Tankers	4,104	22.7%	1,194	14.8%	5,298	20.3%
Gas Tankers	734	4.1%	170	2.2%	913	3.5%
Other Tankers	228	1.3%	62	0.8%	290	1.1%
Passenger Ships	235	1.3%	448	5.6%	683	2.6%
Offshore Vessels	2,050	11.4%	854	10.6%	2,904	11.1%
Service Ships	377	2.1%	403	5.0%	780	3.0%
Tugs	209	1.2%	73	0.9%	282	1.1%
Fishing Vessels	19	0.1%	998	11.1%	917	3.5%
Total	18,058	100%	8,059	100%	26,117	100%

Source: Equasis - IACS membership on 31/12/2020

Table 40 - World fleet GT≥500: gross tonnage (in 1000 gt) of ships 5-14 years old, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	17,482	2.9%	9,109	5.7%	26,591	3.5%
Specialized Cargo Ships	1,690	0.3%	217	0.1%	1,906	0.2%
Container Ships	90,438	14.8%	51,730	32.2%	142,168	18.4%
Ro-Ro Cargo Ships	20,078	3.3%	6,479	4.0%	26,557	3.4%
Bulk Carriers	276,690	45.4%	35,271	21.9%	311,961	40.5%
Oil and Chemical Tankers	149,239	24.5%	32,238	20.1%	181,477	23.5%
Gas Tankers	32,224	5.3%	8,735	5.4%	40,960	5.3%
Other Tankers	1,004	0.2%	237	0.1%	1,241	0.2%
Passenger Ships	6,502	1.1%	5,540	3.4%	12,041	1.6%
Offshore Vessels	11,829	1.9%	8,503	5.3%	20,333	2.6%
Service Ships	2,511	0.4%	1,378	0.9%	3,889	0.5%
Tugs	202	0.0%	75	0.0%	277	0.0%
Fishing Vessels	35	0.0%	1,238	0.8%	1,293	0.2%
Total	609,924	100%	160,770	100%	770,694	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 38 - World fleet GT≥500: total number of 5-14 years old ships, by class**Graph 39 - World fleet GT≥500: gross tonnage of 5-14 years old of ships, by class**

5-14 YEARS OLD MEDIUM SIZED SHIPS

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,820	19.5%	1,531	25.5%	3,351	21.8%
Specialized Cargo Ships	67	0.7%	12	0.2%	79	0.5%
Container Ships	514	5.5%	346	5.8%	860	5.6%
Ro-Ro Cargo Ships	62	0.7%	36	0.6%	98	0.6%
Bulk Carriers	1,446	15.5%	653	10.9%	2,099	13.7%
Oil and Chemical Tankers	2,110	22.6%	711	11.0%	2,821	18.4%
Gas Tankers	396	4.2%	69	1.2%	465	3.0%
Other Tankers	223	2.4%	60	1.0%	283	1.8%
Passenger Ships	149	1.6%	410	6.8%	559	3.6%
Offshore Vessels	1,964	21.0%	793	13.2%	2,757	18.0%
Service Ships	365	3.9%	401	6.7%	766	5.0%
Tugs	209	2.2%	73	1.2%	282	1.8%
Fishing Vessels	19	1.1%	898	286.0%	917	46.4%
Total	9,344	101%	5,993	371%	15,337	140%

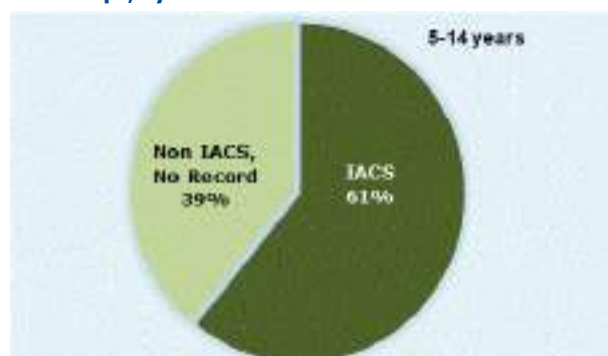
Source: Equasis - IACS membership on 31/12/2020

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

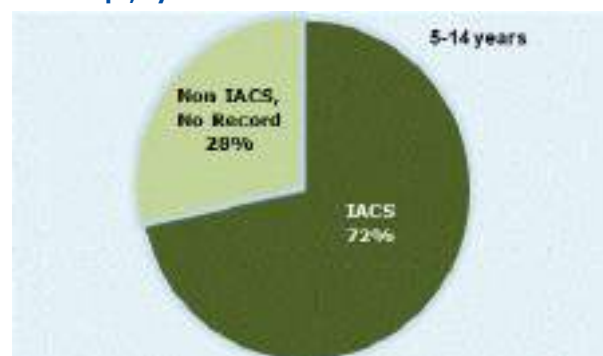
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	15,253	19.1%	6,966	21.9%	22,219	19.9%
Specialized Cargo Ships	826	1.0%	148	0.5%	977	0.9%
Container Ships	6,592	8.3%	4,092	12.9%	10,684	9.6%
Ro-Ro Cargo Ships	783	1.0%	445	1.4%	1,229	1.1%
Bulk Carriers	27,566	34.6%	7,575	23.9%	35,141	31.5%
Oil and Chemical Tankers	16,536	20.7%	3,801	12.0%	20,337	18.2%
Gas Tankers	2,914	3.7%	830	2.6%	3,753	3.4%
Other Tankers	855	1.1%	177	0.6%	1,032	0.9%
Passenger Ships	825	1.0%	1,433	4.5%	2,258	2.0%
Offshore Vessels	5,646	7.1%	3,634	11.4%	9,280	8.3%
Service Ships	1,706	2.1%	1,304	4.1%	3,009	2.7%
Tugs	202	0.3%	75	0.2%	277	0.2%
Fishing Vessels	35	0.1%	1,258	11.1%	1,293	1.8%
Total	79,740	100%	31,748	107%	111,488	101%

Source: Equasis - IACS membership on 31/12/2020

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



Graph 41 - Gross tonnage of 5-14 years old medium sized ships, by class



5-14 YEARS OLD LARGE SHIPS

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

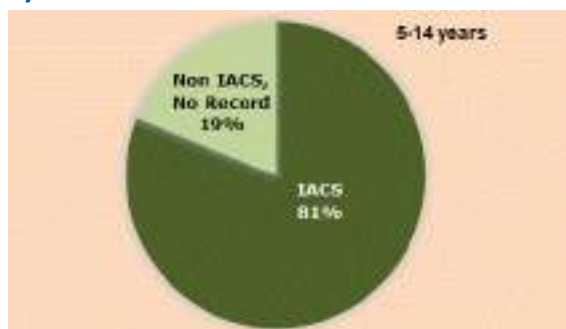
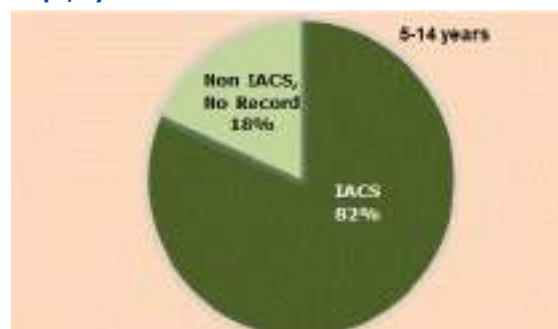
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	69	1.2%	60		129	1.8%
Specialized Cargo Ships	14	0.2%	2		16	0.2%
Container Ships	460	8.1%	338		798	11.3%
Ro-Ro Cargo Ships	241	4.2%	75		316	4.5%
Bulk Carriers	3,524	61.7%	480		4,004	56.9%
Oil and Chemical Tankers	1,162	20.4%	276		1,438	20.4%
Gas Tankers	136	2.4%	65		201	2.9%
Other Tankers	5	0.1%	2		7	0.1%
Passenger Ships	50	0.9%	8		58	0.8%
Offshore Vessels	36	0.6%	21		57	0.8%
Service Ships	11	0.2%	2		13	0.2%
Tugs						
Fishing Vessels						
Total	5,708	100%	1,329	0%	7,037	100%

Source: Equasis - IACS membership on 31/12/2020

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	2,229	1.0%	2,143	4.4%	4,372	1.6%
Specialized Cargo Ships	557	0.3%	68	0.1%	625	0.2%
Container Ships	18,710	8.6%	13,097	26.7%	31,808	11.9%
Ro-Ro Cargo Ships	11,441	5.2%	3,654	7.4%	15,095	5.6%
Bulk Carriers	134,804	61.7%	16,895	34.4%	151,698	56.7%
Oil and Chemical Tankers	40,797	18.7%	9,049	18.4%	49,845	18.6%
Gas Tankers	6,077	2.8%	2,881	5.9%	8,957	3.3%
Other Tankers	149	0.1%	59	0.1%	208	0.1%
Passenger Ships	1,792	0.8%	275	0.6%	2,067	0.8%
Offshore Vessels	1,591	0.7%	930	1.9%	2,521	0.9%
Service Ships	402	0.2%	75	0.2%	477	0.2%
Tugs						
Fishing Vessels						
Total	218,549	100%	49,124	100%	267,673	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 42 - Total number of 5-14 years old large ships, by class**Graph 43 - Gross tonnage of 5-14 years old large ships, by class**

5-14 YEARS OLD VERY LARGE SHIPS

Table 45 - Total number of 5-14 years old very large⁽¹⁾ ships, by type and class

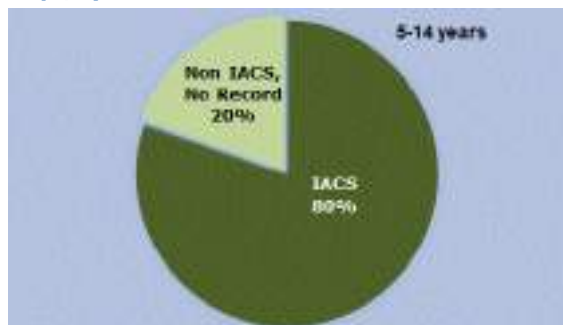
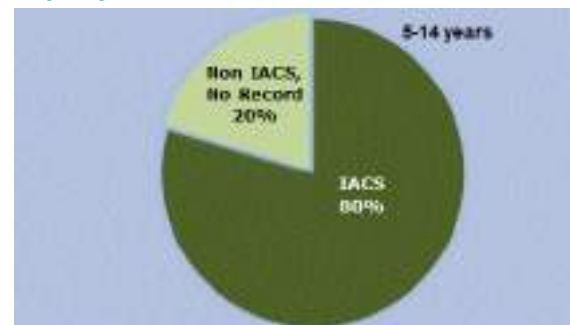
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships	4	0.1%			4	0.1%
Container Ships	590	19.8%	289	39.2%	885	23.0%
Ro-Ro Cargo Ships	118	3.9%	34	4.6%	152	4.1%
Bulk Carriers	1,167	38.8%	92	12.5%	1,259	33.6%
Oil and Chemical Tankers	832	27.7%	207	28.1%	1,039	27.8%
Gas Tankers	202	6.7%	45	6.1%	247	6.6%
Other Tankers						
Passenger Ships	36	1.2%	30	4.1%	66	1.8%
Offshore Vessels	50	1.7%	40	5.4%	90	2.4%
Service Ships	1	0.0%			1	0.0%
Tugs						
Fishing Vessels						
Total	3,006	100%	737	100%	3,743	100%

Source: Equasis - IACS membership on 31/12/2020

Table 46 - Gross tonnage (in 1000 gt) of 5-14 years old very large⁽¹⁾ ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships	304	0.1%			304	0.1%
Container Ships	65,136	20.9%	34,541	43.2%	99,677	25.5%
Ro-Ro Cargo Ships	7,854	2.5%	2,370	3.0%	10,234	2.6%
Bulk Carriers	114,320	36.7%	10,802	13.5%	125,122	32.0%
Oil and Chemical Tankers	91,907	29.5%	19,388	24.3%	111,295	28.4%
Gas Tankers	23,234	7.5%	5,015	6.3%	28,249	7.2%
Other Tankers						
Passenger Ships	3,884	1.2%	3,832	4.8%	7,717	2.0%
Offshore Vessels	4,592	1.5%	3,940	4.9%	8,532	2.2%
Service Ships	403	0.1%			403	0.1%
Tugs						
Fishing Vessels						
Total	311,635	100%	79,898	100%	391,533	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 44 - Total number of 5-14 years old very large ships, by class**Graph 45 - Gross tonnage of 5-14 years old very large ships, by class**

15-24 YEARS OLD SHIPS

Table 47 - World fleet GT≥500: total number of 15-24 years old ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,279	15.5%	1,037	22.2%	2,316	17.9%
Specialized Cargo Ships	30	0.4%	1	0.0%	31	0.2%
Container Ships	1,071	13.0%	675	14.4%	1,746	13.5%
Ro-Ro Cargo Ships	318	3.9%	80	1.7%	398	3.1%
Bulk Carriers	1,844	22.4%	269	5.8%	2,113	16.4%
Oil and Chemical Tankers	2,181	26.5%	725	15.5%	2,906	22.5%
Gas Tankers	331	4.0%	70	1.5%	401	3.1%
Other Tankers	51	0.6%	19	0.4%	70	0.5%
Passenger Ships	346	4.2%	384	8.2%	730	5.7%
Offshore Vessels	491	6.0%	407	8.7%	898	7.0%
Service Ships	201	2.4%	220	4.7%	421	3.3%
Tugs	74	0.9%	38	0.8%	112	0.9%
Fishing Vessels	15	0.2%	748	16.0%	763	5.9%
Total	8,232	100%	4,673	100%	12,905	100%

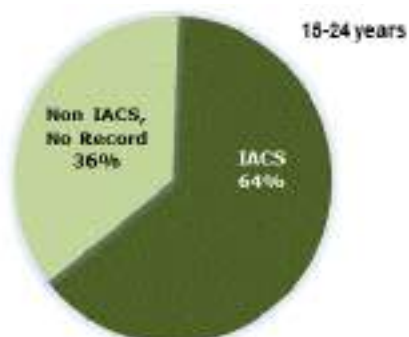
Source: Equasis - IACS membership on 31/12/2020

Table 48 - World fleet GT≥500: gross tonnage (in 1000 gt) of ships 15-24 years old, by type and class

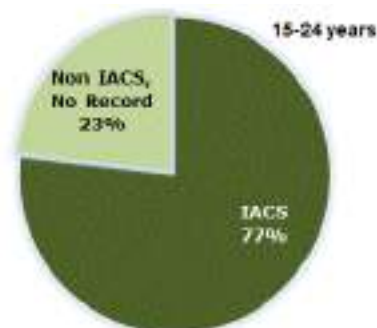
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	8,487	3.6%	5,068	7.2%	13,555	4.5%
Specialized Cargo Ships	601	0.3%	3	0.0%	604	0.2%
Container Ships	36,031	15.4%	22,874	32.6%	58,904	19.4%
Ro-Ro Cargo Ships	11,264	4.8%	2,720	3.9%	13,983	4.6%
Bulk Carriers	67,488	28.9%	5,810	8.3%	73,298	24.2%
Oil and Chemical Tankers	77,888	33.4%	21,026	30.0%	98,914	32.6%
Gas Tankers	12,642	5.4%	2,213	3.2%	14,855	4.9%
Other Tankers	223	0.1%	100	0.1%	323	0.1%
Passenger Ships	8,759	3.8%	4,130	5.9%	12,889	4.2%
Offshore Vessels	8,404	3.6%	4,718	6.7%	13,122	4.3%
Service Ships	1,402	0.6%	490	0.7%	1,892	0.6%
Tugs	75	0.0%	30	0.0%	105	0.0%
Fishing Vessels	18	0.0%	939	1.3%	957	0.3%
Total	233,282	100%	70,120	100%	303,403	100%

Source: Equasis - IACS membership on 31/12/2020

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



Graph 47 - World fleet GT≥500: gross tonnage of 15-24 years old of ships, by class



15-24 YEARS OLD MEDIUM SIZED SHIPS

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

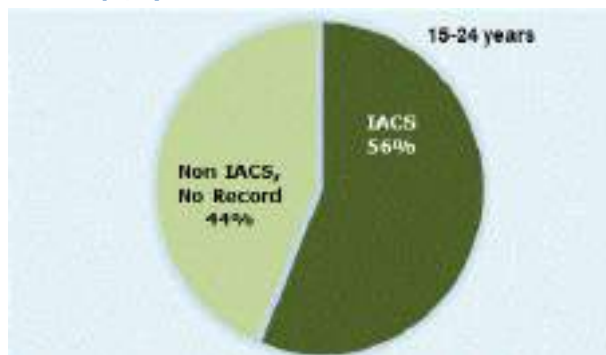
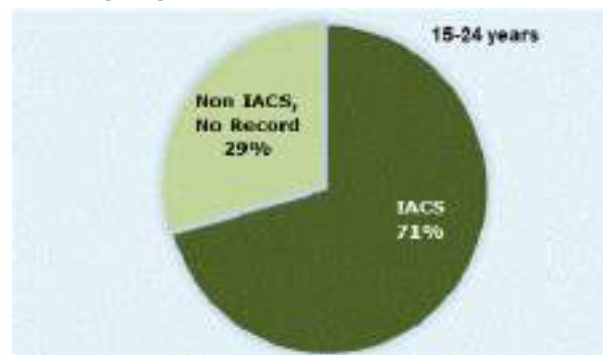
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,267	26.9%	993	27.1%	2,260	26.9%
Specialized Cargo Ships	20	0.4%	1	0.0%	21	0.3%
Container Ships	536	11.4%	284	7.7%	820	9.8%
Ro-Ro Cargo Ships	128	2.7%	41	1.1%	169	2.0%
Bulk Carriers	484	10.3%	147	4.0%	631	7.5%
Oil and Chemical Tankers	1,112	23.6%	425	11.6%	1,537	18.3%
Gas Tankers	194	4.1%	42	1.1%	236	2.8%
Other Tankers	50	1.1%	17	0.5%	67	0.8%
Passenger Ships	211	4.5%	344	9.4%	555	6.6%
Offshore Vessels	432	9.2%	371	10.1%	803	9.6%
Service Ships	195	4.1%	219	6.0%	414	4.9%
Tugs	74	1.6%	38	1.0%	112	1.3%
Fishing Vessels	15	0.9%	748	208.2%	763	38.6%
Total	4,718	101%	3,670	318%	8,388	130%

Source: Equasis - IACS membership on 31/12/2020

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	8,115	21.4%	3,653	23.0%	11,768	21.8%
Specialized Cargo Ships	194	0.5%	3	0.0%	197	0.4%
Container Ships	6,441	16.9%	3,145	19.8%	9,587	17.8%
Ro-Ro Cargo Ships	1,655	4.4%	508	3.2%	2,162	4.0%
Bulk Carriers	7,040	18.5%	1,397	8.8%	8,437	15.7%
Oil and Chemical Tankers	9,650	25.4%	3,348	21.1%	12,998	24.1%
Gas Tankers	1,152	3.0%	326	2.1%	1,478	2.7%
Other Tankers	196	0.5%	34	0.2%	230	0.4%
Passenger Ships	1,403	3.7%	1,030	6.5%	2,442	4.5%
Offshore Vessels	1,007	2.7%	989	6.2%	1,997	3.7%
Service Ships	1,059	2.8%	400	2.0%	1,519	2.8%
Tugs	75	0.2%	30	0.2%	105	0.2%
Fishing Vessels	18	0.0%	939	8.3%	957	1.3%
Total	38,004	100%	15,872	102%	53,877	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 48 - Total number of 15-24 years old medium sized ships, by class**Graph 49 - Gross tonnage of 15-24 years old medium sized ships, by class**

15-24 YEARS OLD LARGE SHIPS

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

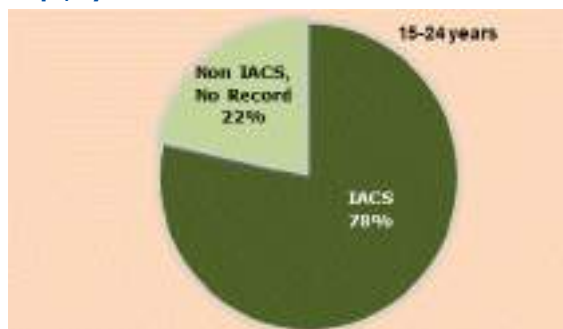
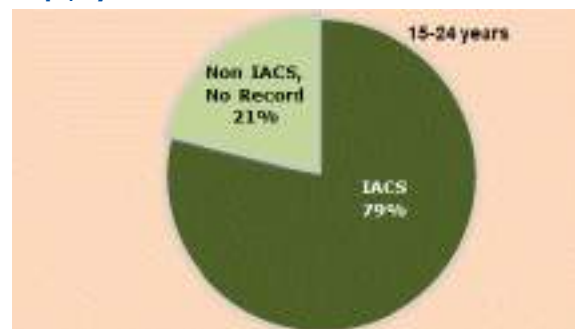
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	12	0.5%	44	6.5%	56	1.8%
Specialized Cargo Ships	10	0.4%			10	0.3%
Container Ships	206	12.0%	267	39.6%	563	18.0%
Ro-Ro Cargo Ships	157	6.4%	24	3.6%	181	5.8%
Bulk Carriers	1,137	46.2%	117	17.3%	1,254	40.0%
Oil and Chemical Tankers	700	28.4%	188	27.9%	888	28.3%
Gas Tankers	44	1.8%	15	2.2%	59	1.9%
Other Tankers	1	0.0%	2	0.3%	3	0.1%
Passenger Ships	87	3.5%	13	1.9%	100	3.2%
Offshore Vessels	13	0.5%	4	0.6%	17	0.5%
Service Ships	4	0.2%	1	0.1%	5	0.2%
Tugs						
Fishing Vessels						
Total	2,461	100%	675	100%	3,136	100%

Source: Equasis - IACS membership on 31/12/2020

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

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships	372	0.4%	1,414	5.8%	1,786	1.5%
Specialized Cargo Ships	407	0.4%			407	0.4%
Container Ships	10,789	11.8%	9,396	38.3%	20,185	17.4%
Ro-Ro Cargo Ships	7,515	8.2%	1,232	5.0%	8,747	7.5%
Bulk Carriers	40,257	44.0%	4,003	16.3%	44,260	38.1%
Oil and Chemical Tankers	26,334	28.8%	7,193	29.3%	33,527	28.9%
Gas Tankers	1,966	2.1%	546	2.2%	2,513	2.2%
Other Tankers	27	0.0%	66	0.3%	93	0.1%
Passenger Ships	3,070	3.4%	451	1.8%	3,530	3.0%
Offshore Vessels	633	0.7%	101	0.8%	824	0.7%
Service Ships	137	0.1%	30	0.1%	107	0.1%
Tugs						
Fishing Vessels						
Total	91,516	100%	24,523	100%	116,040	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 50 - Total number of 15-24 years old large ships, by class**Graph 51 - Gross tonnage of 15-24 years old large ships, by class**

15-24 YEARS OLD VERY LARGE SHIPS

Table 53 - Total number of 15-24 years old very large⁽¹⁾ ships, by type and class

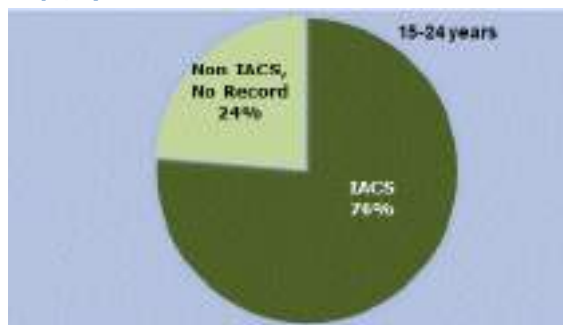
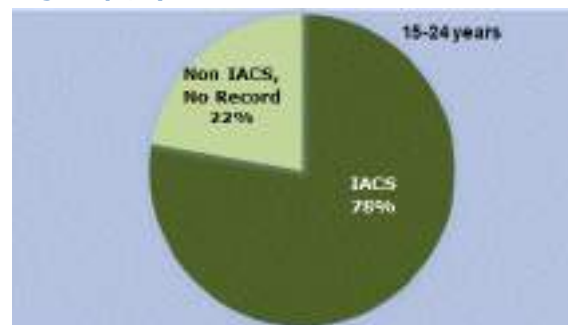
Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	239	22.7%	124	37.8%	363	26.3%
Ro-Ro Cargo Ships	33	3.1%	15	4.6%	48	3.5%
Bulk Carriers	223	21.2%	5	1.5%	228	16.5%
Oil and Chemical Tankers	369	35.0%	112	34.1%	481	34.8%
Gas Tankers	93	8.8%	13	4.0%	106	7.7%
Other Tankers						
Passenger Ships	48	4.6%	27	8.2%	75	5.4%
Offshore Vessels	46	4.4%	32	9.8%	78	5.6%
Service Ships	2	0.2%			2	0.1%
Tugs						
Fishing Vessels						
Total	1,053	100%	328	100%	1,381	100%

Source: Equasis - IACS membership on 31/12/2020

Table 54 - Gross tonnage (in 1000 gt) of 15-24 years old very large⁽¹⁾ ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	18,801	18.1%	10,332	34.8%	29,133	21.8%
Ro-Ro Cargo Ships	2,094	2.0%	980	3.3%	3,073	2.3%
Bulk Carriers	20,191	19.5%	410	1.4%	20,601	15.4%
Oil and Chemical Tankers	41,804	40.4%	10,485	35.3%	52,289	39.2%
Gas Tankers	9,524	9.2%	1,341	4.5%	10,865	8.1%
Other Tankers						
Passenger Ships	4,278	4.1%	2,640	8.9%	6,918	5.2%
Offshore Vessels	6,764	6.5%	3,538	11.9%	10,302	7.7%
Service Ships	206	0.2%			206	0.2%
Tugs						
Fishing Vessels						
Total	103,762	100%	29,724	100%	133,487	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 52 - Total number of 15-24 years old very large ships, by class**Graph 53 - Gross tonnage of 15-24 years old very large ships, by class**

25+ YEARS OLD SHIPS

Table 55 - World fleet GT≥500: total number of 25+ years old ships, by type and class

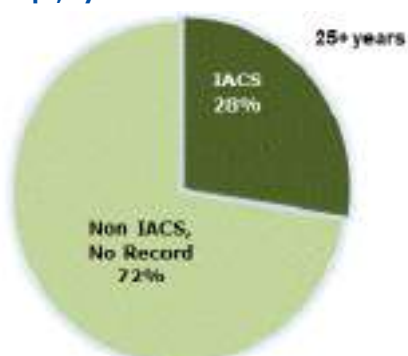
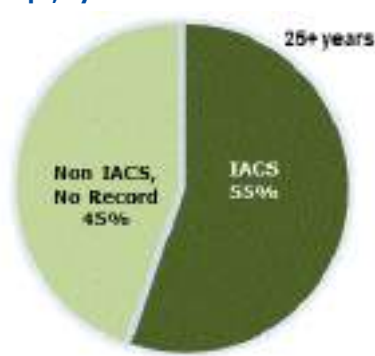
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,651	33.1%	3,884	29.7%	5,535	30.0%
Specialized Cargo Ships	76	1.5%	77	0.6%	153	0.8%
Container Ships	187	3.7%	182	1.4%	369	2.0%
Ro-Ro Cargo Ships	137	2.7%	181	1.4%	318	1.8%
Bulk Carriers	518	10.4%	331	2.5%	849	4.7%
Oil and Chemical Tankers	582	11.7%	1,700	13.0%	2,282	12.6%
Gas Tankers	198	3.9%	169	1.3%	365	2.0%
Other Tankers	79	1.6%	199	1.5%	278	1.5%
Passenger Ships	499	10.0%	1,008	7.7%	1,507	8.3%
Offshore Vessels	375	7.5%	942	7.2%	1,317	7.3%
Service Ships	442	8.9%	982	7.5%	1,424	7.9%
Tugs	164	3.3%	298	2.3%	462	2.6%
Fishing Vessels	82	1.6%	3,128	23.9%	3,210	17.8%
Total	4,988	100%	13,081	100%	18,069	100%

Source: Equasis - IACS membership on 31/12/2020

Table 56 - World fleet GT≥500: gross tonnage (in 1000 gt) of ships 25+ years old, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,540	13.4%	9,036	23.1%	15,576	17.8%
Specialized Cargo Ships	1,235	2.5%	461	1.2%	1,697	1.9%
Container Ships	3,101	6.4%	2,536	6.5%	5,637	6.4%
Ro-Ro Cargo Ships	1,961	4.0%	1,215	3.1%	3,176	3.6%
Bulk Carriers	9,569	19.7%	3,255	8.3%	12,824	14.6%
Oil and Chemical Tankers	3,882	8.0%	5,036	12.9%	8,918	10.2%
Gas Tankers	4,472	9.2%	747	1.9%	5,219	5.9%
Other Tankers	157	0.3%	256	0.7%	413	0.5%
Passenger Ships	5,914	12.2%	3,511	9.0%	9,425	10.7%
Offshore Vessels	9,448	19.4%	6,711	17.2%	16,159	18.4%
Service Ships	1,995	4.1%	1,954	5.0%	3,949	4.5%
Tugs	159	0.3%	252	0.6%	411	0.5%
Fishing Vessels	213	0.4%	4,098	10.5%	4,311	4.9%
Total	48,647	100%	39,067	100%	87,714	100%

Source: Equasis - IACS membership on 31/12/2020

Graph 54 - World fleet GT≥500: total number of 25+ years old ships, by class**Graph 55 - World fleet GT≥500: gross tonnage of 25+ years old of ships, by class**

25+ YEARS OLD MEDIUM SIZED SHIPS

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

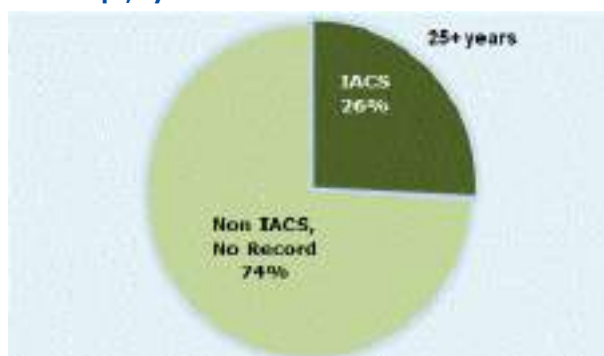
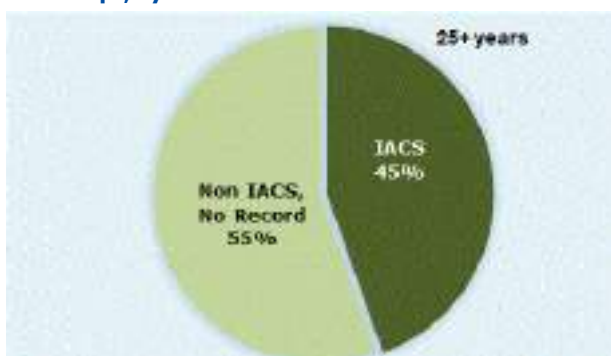
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	1,641	36.6%	3,866	30.1%	5,507	31.8%
Specialized Cargo Ships	53	1.2%	71	0.6%	124	0.7%
Container Ships	152	3.4%	141	1.1%	293	1.7%
Ro-Ro Cargo Ships	122	2.7%	176	1.4%	298	1.7%
Bulk Carriers	357	8.0%	284	2.2%	641	3.7%
Oil and Chemical Tankers	548	12.2%	1,679	13.1%	2,227	12.8%
Gas Tankers	140	3.1%	164	1.3%	304	1.8%
Other Tankers	78	1.7%	199	1.5%	277	1.6%
Passenger Ships	424	9.5%	981	7.6%	1,405	8.1%
Offshore Vessels	287	6.4%	888	6.9%	1,175	6.8%
Service Ships	433	9.7%	980	7.6%	1,413	8.2%
Tugs	164	3.7%	298	2.3%	462	2.7%
Fishing Vessels	81	4.9%	3,126	995.5%	3,207	162.3%
Total	4,480	103%	12,853	1071%	17,333	244%

Source: Equasis - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2020

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	6,242	29.1%	8,459	31.7%	14,701	30.6%
Specialized Cargo Ships	306	1.7%	251	0.9%	616	1.3%
Container Ships	1,470	6.9%	1,012	3.8%	2,482	5.2%
Ro-Ro Cargo Ships	1,263	5.9%	954	3.6%	2,217	4.6%
Bulk Carriers	3,820	17.8%	1,697	6.4%	5,517	11.5%
Oil and Chemical Tankers	1,857	8.7%	3,988	15.0%	5,845	12.2%
Gas Tankers	711	3.3%	260	1.0%	970	2.0%
Other Tankers	129	0.6%	256	1.0%	384	0.8%
Passenger Ships	2,947	13.7%	2,368	8.9%	5,315	11.0%
Offshore Vessels	810	3.8%	1,286	4.8%	2,096	4.4%
Service Ships	1,486	7.0%	1,858	7.0%	3,354	7.0%
Tugs	159	0.7%	252	0.9%	411	0.9%
Fishing Vessels	181	0.3%	4,016	35.4%	4,197	5.7%
Total	21,449	99%	26,657	120%	48,105	97%

Source: Equasis - ⁽¹⁾ 500<GT<25.000 - IACS membership on 31/12/2020

Graph 56 - Total number of 25+ years old medium sized ships, by class**Graph 57 - Gross tonnage of 25+ years old medium sized ships, by class**

25+ YEARS OLD LARGE SHIPS

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

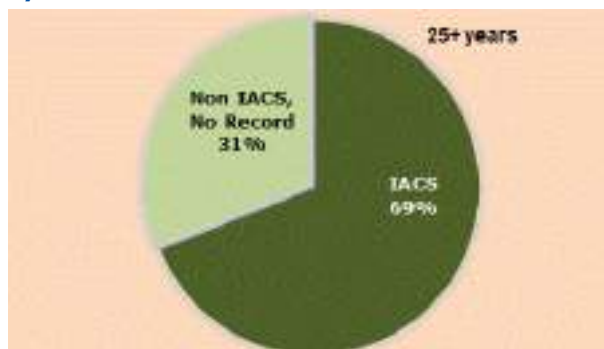
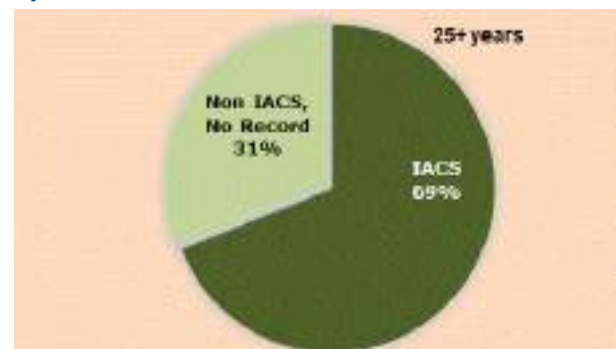
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	10	2.6%	18	10.3%	28	5.0%
Specialized Cargo Ships	23	5.9%	6	3.4%	29	5.1%
Container Ships	24	6.2%	41	23.4%	65	11.5%
Ro-Ro Cargo Ships	15	3.9%	4	2.3%	19	3.4%
Bulk Carriers	157	40.4%	46	26.3%	203	36.0%
Oil and Chemical Tankers	23	5.9%	18	10.3%	41	7.3%
Gas Tankers	32	8.2%	1	0.6%	33	5.8%
Other Tankers	1	0.3%			1	0.2%
Passenger Ships	67	17.2%	24	13.7%	91	16.1%
Offshore Vessels	29	7.5%	14	8.0%	43	7.6%
Service Ships	7	1.8%	1	0.6%	8	1.4%
Tugs						
Fishing Vessels	1	0.1%	2	0.6%	3	0.2%
Total	389	100%	175	99%	564	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

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

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships	298	2.1%	577	8.9%	875	4.2%
Specialized Cargo Ships	870	6.1%	211	3.3%	1,080	5.2%
Container Ships	851	5.9%	1,523	23.6%	2,374	11.4%
Ro-Ro Cargo Ships	698	4.9%	188	2.9%	886	4.3%
Bulk Carriers	5,304	37.0%	1,494	23.1%	6,798	32.7%
Oil and Chemical Tankers	851	5.9%	724	11.2%	1,576	7.6%
Gas Tankers	1,380	9.6%	44	0.7%	1,424	6.8%
Other Tankers	29	0.2%			29	0.1%
Passenger Ships	2,355	16.4%	930	14.4%	3,286	15.8%
Offshore Vessels	1,388	9.7%	656	10.2%	2,045	9.8%
Service Ships	288	2.0%	26	0.4%	313	1.5%
Tugs						
Fishing Vessels	32	0.1%	81	0.7%	114	0.2%
Total	14,345	100%	6,455	99%	20,800	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

Graph 58 - Total number of 25+ years old large ships, by class**Graph 59 - Gross tonnage of 25+ years old large ships, by class**

25+ YEARS OLD VERY LARGE SHIPS

Table 61 - Total number of 25+ years old very large⁽¹⁾ ships, by type and class

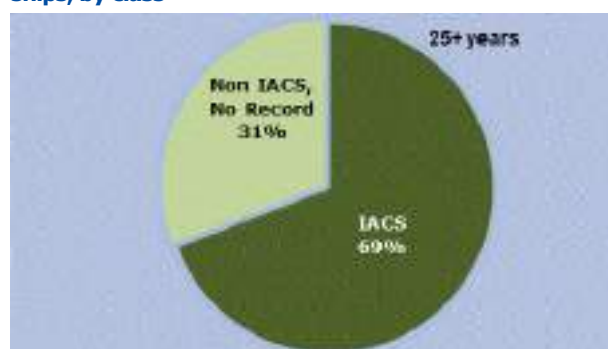
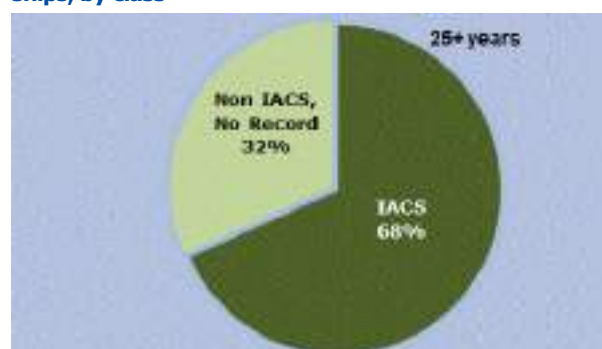
Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	11	9.2%			11	6.4%
Ro-Ro Cargo Ships			1	1.9%	1	0.6%
Bulk Carriers	4	3.4%	1	1.9%	5	2.9%
Oil and Chemical Tankers	11	9.2%	3	5.7%	14	8.1%
Gas Tankers	24	20.2%	4	7.5%	28	16.3%
Other Tankers						
Passenger Ships	8	6.7%	3	5.7%	11	6.4%
Offshore Vessels	59	49.6%	40	75.5%	99	57.6%
Service Ships	2	1.7%	1	1.9%	3	1.7%
Tugs						
Fishing Vessels						
Total	119	100%	53	100%	172	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

Table 62 - Gross tonnage (in 1000 gt) of 25+ years old very large⁽¹⁾ ships, by type and class

Ship Type	IACS		Non IACS/No Record		Total	
	Count	%	Count	%	Count	%
General Cargo Ships						
Specialized Cargo Ships						
Container Ships	780	6.1%			780	4.1%
Ro-Ro Cargo Ships			73	1.2%	73	0.4%
Bulk Carriers	445	3.5%	64	1.1%	509	2.7%
Oil and Chemical Tankers	1,174	9.1%	324	5.4%	1,497	8.0%
Gas Tankers	2,381	18.5%	444	7.4%	2,825	15.0%
Other Tankers						
Passenger Ships	612	4.8%	213	3.6%	825	4.4%
Offshore Vessels	7,250	56.4%	4,768	80.1%	12,018	63.9%
Service Ships	212	1.6%	71	1.2%	282	1.5%
Tugs						
Fishing Vessels						
Total	12,853	100%	5,956	100%	18,809	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

Graph 60 - Total number of 25+ years old very large ships, by class**Graph 61 - Gross tonnage of 25+ years old very large ships, by class**

3.3. CLASS STATUS AND FLAG

WORLD FLEET GT≥500

Table 63 - World fleet GT≥500: total number of ships by type, class and flag

Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	2,185	16.4%	2,195	34.2%	4,380	3,037	13.1%	4,571	20.8%	7,608
Specialized Cargo Ships	63	0.5%	64	1.0%	127	163	0.7%	42	0.2%	205
Container Ships	1,250	9.4%	1,025	16.0%	2,275	2,064	8.9%	1,031	4.7%	3,095
Ro-Ro Cargo Ships	354	2.7%	154	2.4%	508	625	2.7%	273	1.2%	898
Bulk Carriers	4,931	37.2%	492	7.7%	5,443	3,183	22.4%	1,801	7.3%	6,786
Oil and Chemical Tankers	2,609	20.0%	918	14.3%	3,587	5,543	24.0%	3,121	14.2%	8,664
Gas Tankers	495	3.7%	139	2.2%	634	1,119	4.8%	351	1.6%	1,470
Other Tankers	113	0.8%	46	0.7%	159	398	1.5%	243	1.1%	581
Passenger Ships	229	1.7%	324	5.0%	553	1,012	4.4%	1,790	8.2%	2,802
Offshore Vessels	818	6.1%	447	7.0%	1,265	2,412	10.4%	1,857	8.5%	4,269
Service Ships	135	1.0%	206	3.2%	341	1,017	4.4%	1,553	7.1%	2,570
Tugs	44	0.3%	63	1.0%	107	475	2.1%	362	1.6%	837
Fishing Vessels	11	0.1%	352	5.5%	363	141	0.6%	5,161	23.5%	5,302
Total	13,315	100%	6,425	100%	19,740	23,131	100%	21,956	100%	45,087

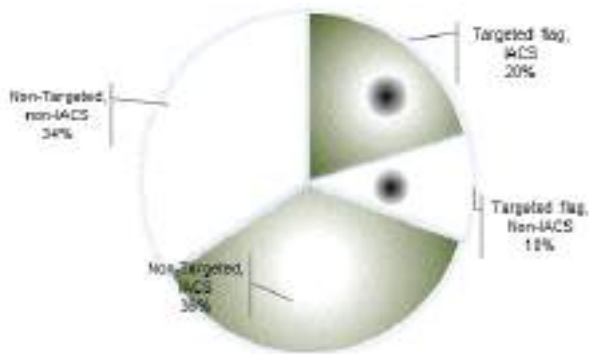
Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

Table 64 - World fleet GT≥500: gross tonnage (in 1000 gt) of ships by type, class and flag

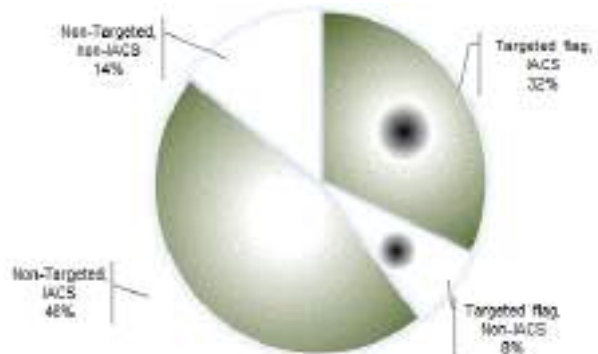
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	16,243	3.3%	8,328	7.6%	24,571	20,134	3.0%	16,133	7.8%	36,267
Specialized Cargo Ships	1,073	0.2%	375	0.3%	1,447	2,923	0.4%	546	0.3%	3,469
Container Ships	64,255	14.0%	48,633	44.2%	112,887	104,644	15.7%	39,181	18.0%	143,825
Ro-Ro Cargo Ships	15,908	3.5%	3,380	3.1%	19,288	22,105	3.3%	7,877	3.8%	29,982
Bulk Carriers	214,727	46.8%	14,033	12.8%	228,760	225,192	33.9%	39,193	18.0%	264,385
Oil and Chemical Tankers	108,700	23.7%	24,527	22.3%	133,227	188,243	28.3%	47,102	22.7%	235,345
Gas Tankers	19,780	4.3%	3,107	2.8%	22,887	51,169	7.7%	13,390	6.5%	64,558
Other Tankers	553	0.1%	261	0.2%	813	1,332	0.2%	346	0.2%	1,678
Passenger Ships	6,681	1.5%	2,821	2.6%	9,502	19,034	2.9%	13,511	6.5%	32,545
Offshore Vessels	9,383	2.1%	3,332	3.0%	12,915	24,304	3.7%	18,772	9.1%	43,076
Service Ships	1,571	0.3%	504	0.5%	2,165	5,091	0.8%	3,815	1.8%	8,906
Tugs	37	0.0%	53	0.0%	90	461	0.1%	323	0.2%	785
Fishing Vessels	25	0.0%	532	0.5%	557	353	0.1%	6,956	3.4%	7,309
Total	459,115	100%	110,017	100%	569,131	664,986	100%	207,147	100%	872,133

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

Graph 62 - Total number of ships GT≥500, by class and flag



Graph 63 - Gross tonnage of ships GT≥500, by class and flag



MEDIUM SIZED SHIPS

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

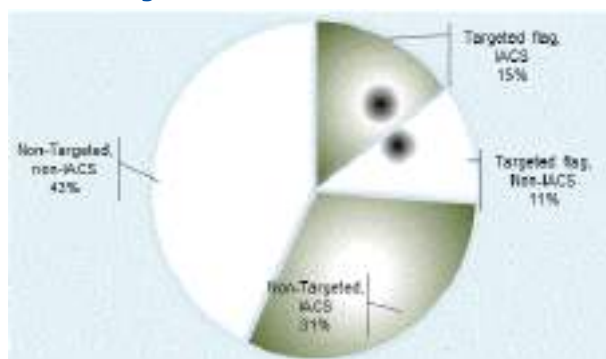
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	2,144	31.8%	2,182	43.0%	4,326	2,951	21.0%	4,453	22.9%	7,404
Specialized Cargo Ships	45	0.7%	60	1.2%	105	124	0.9%	34	0.2%	158
Container Ships	531	7.9%	374	7.4%	905	857	6.1%	406	2.5%	1,353
Ro-Ro Cargo Ships	70	1.2%	102	2.0%	181	271	1.9%	155	0.8%	426
Bulk Carriers	1,280	19.0%	291	5.7%	1,571	1,272	9.0%	919	4.7%	2,191
Oil and Chemical Tankers	1,242	18.4%	590	11.6%	1,832	3,051	21.7%	2,481	12.8%	5,532
Gas Tankers	248	3.7%	99	1.9%	347	600	4.3%	190	1.0%	790
Other Tankers	109	1.6%	42	0.8%	151	332	2.4%	243	1.2%	575
Passenger Ships	155	2.3%	298	5.9%	453	748	5.3%	1,589	8.7%	2,437
Offshore Vessels	731	10.8%	423	8.3%	1,154	2,242	15.9%	1,714	8.8%	3,956
Service Ships	124	1.8%	203	4.0%	327	999	7.1%	1,551	8.0%	2,550
Tugs	44	0.7%	63	1.2%	107	475	3.4%	362	1.9%	837
Fishing Vessels	11	0.2%	352	6.9%	363	140	1.0%	5,158	26.5%	5,298
Total	6,743	100%	5,079	100%	11,822	14,062	100%	19,451	100%	33,513

Source: Equasis - ⁽¹⁾ 500sGT<25.000 - IACS membership on 31/12/2020Table 66 - Gross tonnage (in 1000 gt) of medium sized⁽¹⁾ ships by type, class and flag

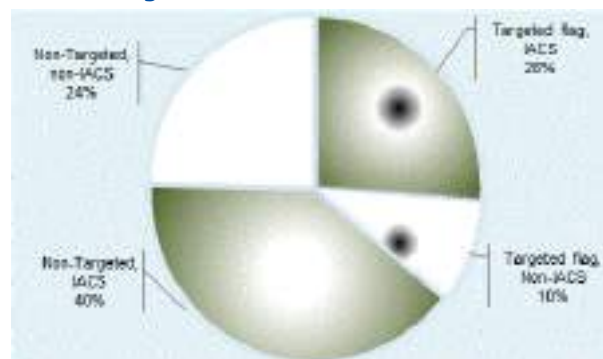
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	14,886	23.3%	7,919	33.9%	22,805	17,299	18.1%	12,098	20.4%	29,397
Specialized Cargo Ships	343	0.5%	237	1.0%	580	1,233	1.3%	219	0.4%	1,452
Container Ships	7,078	11.2%	4,725	20.2%	11,803	10,140	10.6%	4,783	8.1%	14,922
Ro-Ro Cargo Ships	986	1.6%	644	2.8%	1,630	3,204	3.3%	1,288	2.2%	4,491
Bulk Carriers	22,791	36.0%	3,120	13.3%	25,911	20,866	21.8%	8,520	14.9%	29,692
Oil and Chemical Tankers	10,488	16.6%	2,942	12.6%	13,431	22,137	23.1%	9,445	15.9%	31,581
Gas Tankers	2,098	3.3%	840	3.6%	2,938	3,554	3.7%	849	1.4%	4,402
Other Tankers	429	0.7%	136	0.6%	565	1,171	1.2%	346	0.6%	1,517
Passenger Ships	1,220	1.9%	664	2.8%	1,883	4,521	4.7%	5,129	8.7%	9,650
Offshore Vessels	2,185	3.3%	1,089	4.7%	3,273	6,619	6.9%	3,346	9.0%	11,965
Service Ships	652	1.0%	491	2.1%	1,143	4,306	4.5%	1,717	6.3%	6,023
Tugs	37	0.1%	53	0.2%	90	461	0.5%	323	0.5%	785
Fishing Vessels	25	0.0%	532	9.8%	557	321	0.3%	6,846	11.6%	7,168
Total	63,226	100%	23,391	98%	86,617	95,831	100%	59,314	100%	155,645

Source: Equasis - ⁽¹⁾ 500sGT<25.000 - IACS membership on 31/12/2020

Graph 64 - Total number of medium sized ships, by class and flag



Graph 65 - Gross tonnage of medium sized ships, by class and flag



LARGE SHIPS

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

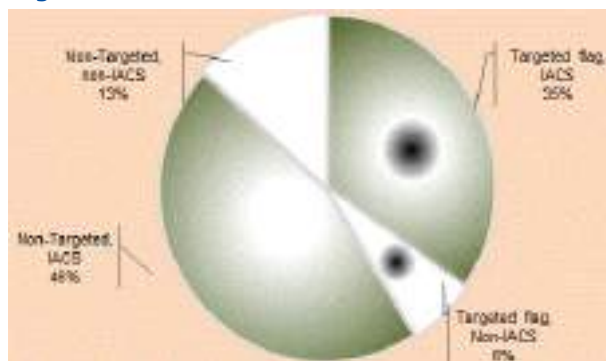
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	41	0.9%	13	1.6%	54	80	1.5%	118	7.0%	204
Specialized Cargo Ships	18	0.4%	4	0.5%	22	33	0.6%	8	0.5%	41
Container Ships	297	6.8%	395	48.6%	692	583	10.0%	330	19.6%	913
Ro-Ro Cargo Ships	192	4.4%	32	3.9%	224	231	4.0%	84	5.0%	315
Bulk Carriers	2,799	63.8%	148	18.2%	2,947	3,068	52.7%	607	36.1%	3,675
Oil and Chemical Tankers	838	19.0%	165	20.3%	1,001	1,387	23.8%	382	22.7%	1,769
Gas Tankers	144	3.3%	30	3.7%	174	162	2.8%	70	4.2%	232
Other Tankers	4	0.1%	4	0.5%	8	6	0.1%	1	0.1%	6
Passenger Ships	33	0.8%	10	1.2%	43	103	3.3%	45	2.7%	238
Offshore Vessels	28	0.8%	9	1.1%	37	54	0.9%	32	1.9%	86
Service Ships	8	0.2%	3	0.4%	11	16	0.3%	1	0.1%	17
Tugs										
Fishing Vessels						1	0.0%	3	0.0%	4
Total	4,400	100%	813	100%	5,213	5,828	100%	1,588	100%	7,500

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020Table 68 - Gross tonnage (in 1000 gt) of large⁽¹⁾ ships by type, class and flag

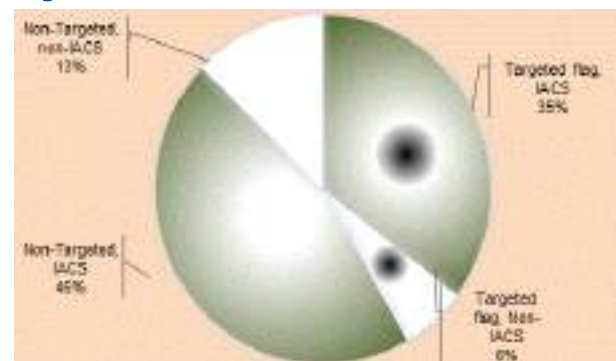
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships	1,357	0.8%	408	1.3%	1,766	2,835	1.3%	4,035	6.0%	6,871
Specialized Cargo Ships	730	0.4%	138	0.5%	867	1,251	0.6%	328	0.5%	1,579
Container Ships	11,052	6.5%	14,463	47.8%	25,516	22,564	10.4%	11,083	19.6%	34,547
Ro-Ro Cargo Ships	9,306	5.5%	1,382	4.6%	10,688	10,734	4.9%	4,238	6.0%	14,973
Bulk Carriers	106,933	63.3%	3,681	18.8%	112,633	114,661	52.6%	21,217	34.7%	135,878
Oil and Chemical Tankers	30,624	18.1%	3,982	19.8%	36,606	48,235	22.1%	13,042	21.3%	61,276
Gas Tankers	6,035	3.6%	1,182	3.9%	7,218	7,379	3.4%	3,096	5.1%	10,475
Other Tankers	124	0.1%	125	0.4%	249	162	0.1%	162	0.1%	162
Passenger Ships	1,072	0.6%	400	1.3%	1,473	7,064	3.2%	1,549	2.7%	8,713
Offshore Vessels	1,285	0.8%	420	1.4%	1,705	2,492	1.1%	1,439	2.4%	3,931
Service Ships	310	0.2%	103	0.2%	413	574	0.3%	27	0.0%	601
Tugs										
Fishing Vessels						32	0.0%	110	0.0%	142
Total	168,849	100%	30,285	100%	199,134	217,984	100%	61,163	100%	379,147

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000 - IACS membership on 31/12/2020

Graph 66 - Total number of large ships, by class and flag



Graph 67 - Gross tonnage of large ships, by class and flag



VERY LARGE SHIPS

Table 69 - Total number of very large⁽¹⁾ ships by type, class and flag

Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships										
Specialized Cargo Ships				6	0.2%	6				
Container Ships	422	19.4%	256	48.0%	678	624	19.2%	205	24.8%	829
Ro-Ro Cargo Ships	83	3.8%	20	3.8%	103	123	3.8%	34	4.1%	157
Bulk Carriers	872	40.1%	33	9.9%	925	843	26.0%	75	9.1%	920
Oil and Chemical Tankers	591	27.2%	163	30.6%	754	1,105	34.0%	258	31.3%	1,363
Gas Tankers	103	4.7%	10	1.9%	113	357	11.0%	85	10.3%	442
Other Tankers										
Passenger Ships	41	1.9%	16	3.0%	57	71	2.2%	56	6.8%	127
Offshore Vessels	37	2.8%	13	2.8%	72	116	3.6%	111	13.5%	227
Service Ships	2	0.1%			2	2	0.1%	1	0.1%	3
Tugs										
Fishing Vessels										
Total	2,172	100%	533	100%	2,705	3,249	100%	825	100%	4,074

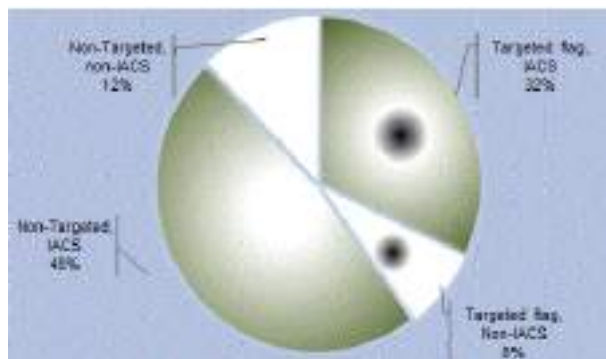
Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2020

Table 70 - Gross tonnage (in 1000 gt) of very large⁽¹⁾ ships by type, class and flag

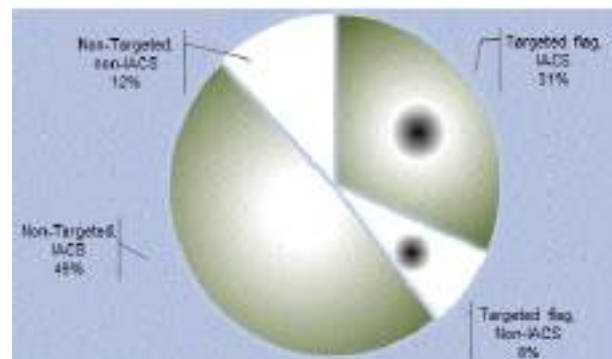
Ship Type	Targeted flag			Non Targeted flag						
	IACS	Non IACS/No Record	Total	IACS	Non IACS/No Record	Total				
General Cargo Ships										
Specialized Cargo Ships				438	0.1%	438				
Container Ships	46,124	20.3%	29,444	52.3%	75,568	71,940	20.5%	22,415	25.8%	94,356
Ro-Ro Cargo Ships	5,616	2.5%	1,354	2.4%	6,970	8,167	2.3%	2,350	2.7%	10,517
Bulk Carriers	84,984	37.4%	3,233	9.3%	90,239	89,665	25.5%	9,153	10.5%	98,817
Oil and Chemical Tankers	67,587	29.8%	15,603	27.7%	83,190	117,872	33.6%	24,616	28.4%	142,488
Gas Tankers	11,647	5.1%	1,084	1.9%	12,731	40,236	11.5%	9,445	10.9%	49,681
Other Tankers										
Passenger Ships	4,380	1.9%	1,757	3.1%	6,136	7,449	2.1%	6,732	7.8%	14,182
Offshore Vessels	6,094	2.7%	1,843	3.3%	7,937	15,193	4.3%	11,987	13.8%	27,180
Service Ships	600	0.3%			600	212	0.1%	71	0.1%	282
Tugs										
Fishing Vessels										
Total	227,040	100%	56,340	100%	283,380	351,172	100%	86,770	100%	437,942

Source: Equasis - ⁽¹⁾GT≥60.000 - IACS membership on 31/12/2020

Graph 68 - Total number of very large ships, by class and flag



Graph 69 - Gross tonnage of very large ships, by class and flag



3.4. SAFETY PERFORMANCE

WORLD FLEET GT≥500

Table 71 - World fleet GT≥500 detention rates^(*), by type and class - 2020

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	2.90%	4.08%	3.27%
Specialized Cargo Ships	3.44%	1.29%	2.69%
Container Ships	1.21%	1.30%	1.28%
Ro-Ro Cargo Ships	1.87%	3.59%	2.34%
Bulk Carriers	2.08%	2.33%	2.11%
Oil and Chemical Tankers	1.15%	0.71%	1.08%
Gas Tankers	0.57%	0.30%	0.51%
Other Tankers	4.55%	3.85%	4.48%
Passenger Ships	1.82%	1.17%	1.51%
Offshore Vessels	2.35%	0.90%	1.66%
Service Ships	1.05%	1.69%	1.20%
Tugs	7.14%	0.00%	5.88%
Fishing Vessels	0.00%	4.88%	3.45%
Total	1.94%	2.37%	2.03%

Source: Equasis - IACS membership on 31/12/2020 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG, VDM, Med MoU, Caribbean MoU divided by total number of inspections

MEDIUM SIZED SHIPS

Table 72 - Medium sized⁽¹⁾ ships detention rates^(*), by type and class - 2020

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	2.97%	4.32%	3.39%
Specialized Cargo Ships	4.18%	1.36%	3.11%
Container Ships	1.53%	1.30%	1.48%
Ro-Ro Cargo Ships	4.79%	8.18%	6.34%
Bulk Carriers	2.07%	2.05%	2.06%
Oil and Chemical Tankers	1.52%	0.90%	1.44%
Gas Tankers	0.93%	0.77%	0.90%
Other Tankers	4.78%	5.56%	4.83%
Passenger Ships	2.46%	2.60%	2.50%
Offshore Vessels	2.60%	1.08%	1.82%
Service Ships	1.10%	1.72%	1.25%
Tugs	7.14%	0.00%	5.88%
Fishing Vessels	0.00%	4.88%	3.45%
Total	2.32%	3.15%	2.52%

Source: Equasis - IACS membership on 31/12/2020 - ^(*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG, VDM, Med MoU, Caribbean MoU divided by total number of inspections

LARGE SHIPS

Table 73 - Large⁽¹⁾ ships detention rates^(*), by type and class - 2020

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships	0.41%	0.42%	0.42%
Specialized Cargo Ships	0.00%	0.00%	0.00%
Container Ships	1.53%	1.53%	1.53%
Ro-Ro Cargo Ships	2.05%	1.57%	1.95%
Bulk Carriers	1.90%	2.33%	1.93%
Oil and Chemical Tankers	1.10%	0.62%	1.00%
Gas Tankers	0.00%	0.00%	0.00%
Other Tankers	0.00%	0.00%	0.00%
Passenger Ships	1.45%	0.00%	1.17%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%	0.00%	0.00%
Tugs			
Fishing Vessels			
Total	1.67%	1.35%	1.61%

Source: Equasis - IACS membership on 31/12/2020 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG, VDM, Med MoU and Caribbean MoU divided by total number of inspections

VERY LARGE SHIPS

Table 74 - Very large⁽¹⁾ ships detention rates^(*), by type and class -2020

Ship Type	IACS	Non IACS/No Record	Overall
General Cargo Ships			
Specialized Cargo Ships	0.00%		0.00%
Container Ships	0.65%	1.20%	0.84%
Ro-Ro Cargo Ships	0.00%	0.81%	0.21%
Bulk Carriers	3.20%	4.76%	3.29%
Oil and Chemical Tankers	0.23%	0.61%	0.31%
Gas Tankers	0.36%	0.00%	0.28%
Other Tankers			
Passenger Ships	0.00%	0.00%	0.00%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%		0.00%
Tugs			
Fishing Vessels			
Total	1.32%	1.18%	1.29%

Source: Equasis - IACS membership on 31/12/2020 - (*) Detentions in Paris MoU, Tokyo MoU, IO MoU, USCG, VDM, Med MoU, Caribbean MoU 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. Thirteen P&I Clubs of the International Group (IGP&I) provide to Equasis information on all of the vessels with IMO numbers insured by them. Some of the Clubs have affiliated and reinsured subsidiary associations:

1. American Steamship Owners Mutual Protection and Indemnity Association, Inc.
2. Assuranceforeningen Gard – Norway,
3. Assuranceforeningen Skuld – Norway,
4. Britannia Steam Ship Insurance Association Limited (The),
5. The Japan Ship Owners' Mutual Protection & Indemnity Association,
6. The London Steam-Ship Owners' Mutual Insurance Association Limited,
7. The North of England Protecting & Indemnity Association Limited,
8. The Shipowners' Mutual Protection & Indemnity Association (Luxembourg),
9. The Standard Club Ltd,
10. The Steamship Mutual Underwriting Association (Bermuda) Limited,
11. The Swedish Club,
12. United Kingdom Mutual Steam Ship Assurance Association (Bermuda) Limited, and
13. The West of England Ship Owners Mutual Insurance Association (Luxembourg).

It should be noted that there is a significant number of small ships of less than 100GT entered in the IGP&I data but as explained in Chapter 1, small ships are not included in the statistics which follow.

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

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

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

In Chapter 4.5 the detention rate of ships is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MoU, Indian Ocean MoU (IO MoU), USCG, Viña del Mar Agreement, Mediterranean MoU, Caribbean MoU, Black Sea MoU and Abuja MoU.

RESULTS

Graph 70 indicates that for vessels over 500GT in Equasis, for which data has been supplied, 58% are covered by one of the members of the IGP&I. This rises to 91% by tonnage.

Graph 74 and 75 show that 93% of the large and graph 76 and 77 shows that 96% of the very large ship size categories are covered by the members of the IGP&I. Within the medium sized ship category (Graphs 72) just under a half (43%) are covered by number, which equates to 68% in tonnage (Graphs 73).

Comparing Graph 78 with Graph 86 reveals that the age profile of ships covered by the members of the IGP&I is considerably younger than those which are not. Graph 78 shows that 14% of the IGP&I fleet is under 5 years old and only 10% is over 25 years old.

In table 83 of the younger fleet, 0-4 years of age, the majority of ships insured by IGP&I are bulk carriers (32.4%).

This majority is more marked in the large ship size category of the younger fleet (61.5%).

In table 87 this trend is more marked in the large bulk carrier size category of the younger fleet (59.2%).

For non-IGP&I members the trend is reversed, in table 91 with only 7.7 % of the bulk carrier fleet under 5 years old being insured by non-IGP&I members in comparison to table 95 in which 50.3% of the fleet over 25 years old. Table 91 shows that 32.8% of the older fleet insured by non-IGP&I members are general cargo ships.

Table 107 shows that ships insured by companies outside the IGP&I had a higher detention rate in 2020 compared to the one of those that are members (4.71% compared with 1.62%, respectively).

4.1. P&I STATUS

WORLD FLEET GT≥500

Table 75 - P&I world fleet GT≥500 status : total number of ships, by type

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	4,146	11.0%	7,842	28.9%	11,988	18.5%
Specialized Cargo Ships	185	0.5%	147	0.5%	332	0.5%
Container Ships	4,727	12.5%	643	2.4%	5,370	8.3%
Ro-Ro Cargo Ships	1,022	2.7%	384	1.4%	1,406	2.2%
Bulk Carriers	10,207	27.1%	2,022	7.5%	12,229	18.9%
Oil and Chemical Tankers	8,565	22.7%	3,686	13.6%	12,251	18.9%
Gas Tankers	1,670	4.4%	434	1.6%	2,104	3.2%
Other Tankers	364	1.0%	376	1.4%	740	1.1%
Passenger Ships	1,252	3.3%	2,103	7.8%	3,355	5.2%
Offshore Vessels	3,441	9.1%	2,091	7.7%	5,532	8.5%
Service Ships	767	2.0%	2,144	7.9%	2,911	4.5%
Tugs	428	1.1%	516	1.9%	944	1.5%
Fishing Vessels	940	2.5%	4,725	17.4%	5,665	8.7%
Total	37,714	100%	37,113	100%	64,827	100%

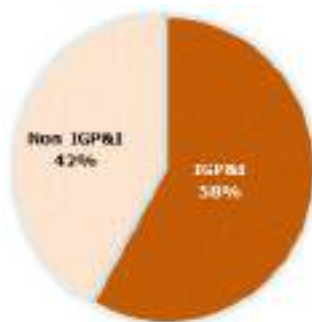
Source: Equasis

Table 76 - P&I world fleet GT≥500 status : gross tonnage (in 1000 gt) of ships, by type

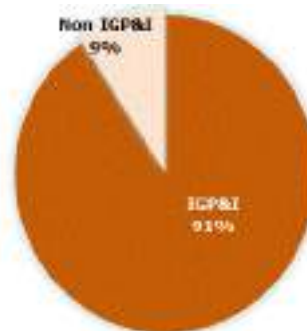
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	37,952	2.9%	22,886	16.8%	60,838	4.2%
Specialized Cargo Ships	1,085	0.3%	1,032	0.8%	4,916	0.3%
Container Ships	248,112	19.0%	8,600	6.3%	256,712	17.8%
Ro-Ro Cargo Ships	45,380	3.5%	3,889	2.9%	49,269	3.4%
Bulk Carriers	462,405	35.4%	30,764	22.6%	493,169	34.2%
Oil and Chemical Tankers	334,155	25.6%	34,417	25.3%	368,572	25.6%
Gas Tankers	85,339	6.5%	2,106	1.6%	87,445	6.1%
Other Tankers	1,908	0.1%	584	0.4%	2,492	0.2%
Passenger Ships	35,081	2.7%	6,966	5.1%	42,047	2.9%
Offshore Vessels	43,561	3.3%	12,431	9.2%	55,991	3.9%
Service Ships	5,307	0.4%	5,764	4.2%	11,071	0.8%
Tugs	404	0.0%	470	0.3%	875	0.1%
Fishing Vessels	1,942	0.1%	5,924	4.4%	7,867	0.5%
Total	1,305,432	100%	135,833	100%	1,441,265	100%

Source: Equasis

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



Graph 71 - Gross tonnage of ships GT≥500, by P&I status



MEDIUM SIZED SHIPS

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

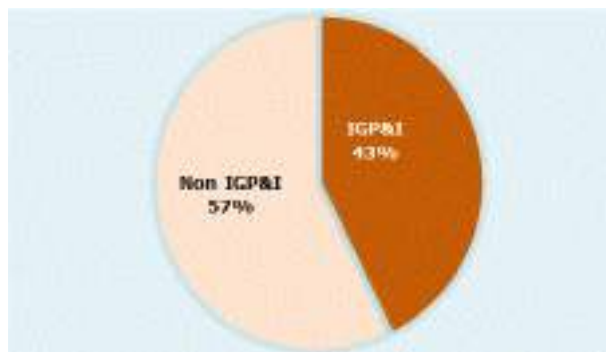
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	3,899	20.1%	7,831	30.1%	11,730	25.9%
Specialized Cargo Ships	122	0.6%	141	0.5%	263	0.6%
Container Ships	1,718	8.9%	540	2.1%	2,258	5.0%
Ro-Ro Cargo Ships	249	1.3%	358	1.4%	607	1.3%
Bulk Carriers	2,280	11.8%	1,482	5.7%	3,762	8.3%
Oil and Chemical Tankers	3,966	20.5%	3,398	13.1%	7,364	16.2%
Gas Tankers	733	3.8%	410	1.6%	1,143	2.5%
Other Tankers	350	1.8%	376	1.4%	726	1.6%
Passenger Ships	803	4.1%	2,087	8.0%	2,890	6.4%
Offshore Vessels	3,125	16.1%	1,985	7.6%	5,110	11.3%
Service Ships	741	3.8%	2,136	8.2%	2,877	6.3%
Tugs	428	2.2%	516	2.0%	944	2.1%
Fishing Vessels	940	4.9%	4,721	18.2%	5,661	12.5%
Total	19,354	100%	25,981	100%	45,335	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 78 - P&I status : gross tonnage (in 1000 gt) of medium sized⁽¹⁾ ships, by type

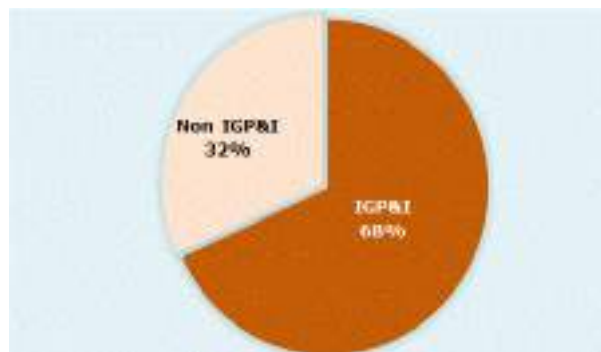
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	29,623	18.0%	22,580	29.4%	52,202	21.6%
Specialized Cargo Ships	1,310	0.8%	722	0.9%	2,032	0.8%
Container Ships	22,642	13.7%	4,084	5.3%	26,726	11.1%
Ro-Ro Cargo Ships	1,459	2.1%	2,662	3.5%	4,121	2.5%
Bulk Carriers	42,796	26.0%	12,806	16.7%	55,602	23.0%
Oil and Chemical Tankers	34,627	21.0%	10,385	13.5%	45,012	18.6%
Gas Tankers	6,359	3.9%	981	1.3%	7,340	3.0%
Other Tankers	1,497	0.9%	584	0.8%	2,081	0.9%
Passenger Ships	5,114	3.1%	6,430	8.4%	11,544	4.8%
Offshore Vessels	11,299	6.9%	3,939	5.1%	15,238	6.3%
Service Ships	3,757	2.3%	5,408	7.0%	9,165	3.8%
Tugs	404	0.2%	470	0.6%	875	0.4%
Fishing Vessels	1,942	1.2%	5,782	7.5%	7,725	3.2%
Total	164,830	100%	76,833	100%	241,663	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 72 - Number of medium sized ships, by P&I status



Graph 73 - Gross tonnage of medium sized ships, by P&I status



LARGE SHIPS

Table 79 - P&I status : total number of large⁽¹⁾ ships, by type

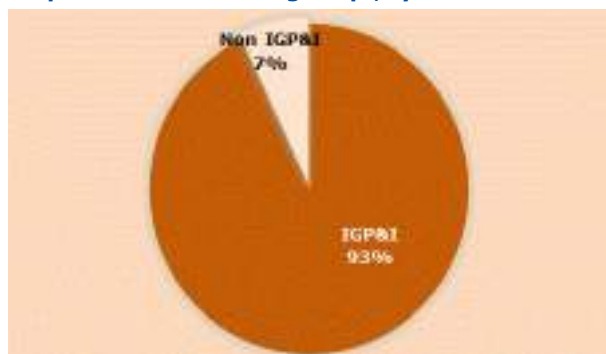
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	247	2.1%	11	1.2%	258	2.0%
Specialized Cargo Ships	60	0.5%	3	0.3%	63	0.5%
Container Ships	1,514	12.8%	91	10.2%	1,605	12.6%
Ro-Ro Cargo Ships	517	4.4%	22	2.5%	539	4.2%
Bulk Carriers	6,087	51.5%	535	59.9%	6,622	52.1%
Oil and Chemical Tankers	2,629	22.2%	141	15.8%	2,770	21.8%
Gas Tankers	383	3.2%	23	2.6%	406	3.2%
Other Tankers	14	0.1%			14	0.1%
Passenger Ships	265	2.2%	16	1.8%	281	2.2%
Offshore Vessels	83	0.7%	40	4.5%	123	1.0%
Service Ships	21	0.2%	7	0.8%	28	0.2%
Tugs						
Fishing Vessels			4	0.4%	4	0.0%
Total	11,826	100%	893	100%	12,713	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 80 - P&I status : gross tonnage (in 1000 gt) of large⁽¹⁾ ships, by type

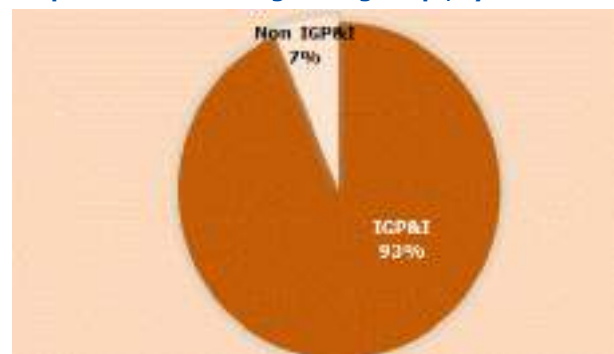
Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships	8,329	1.9%	307	1.0%	8,636	1.8%
Specialized Cargo Ships	2,337	0.5%	109	0.3%	2,446	0.5%
Container Ships	56,980	12.8%	3,083	9.8%	60,063	12.6%
Ro-Ro Cargo Ships	24,711	5.5%	950	3.0%	25,661	5.4%
Bulk Carriers	231,038	51.7%	17,473	55.4%	248,511	52.0%
Oil and Chemical Tankers	92,079	20.6%	5,804	18.4%	97,883	20.5%
Gas Tankers	16,663	3.7%	1,030	3.3%	17,693	3.7%
Other Tankers	411	0.1%			411	0.1%
Passenger Ships	9,650	2.2%	536	1.7%	10,185	2.1%
Offshore Vessels	3,819	0.9%	1,817	5.8%	5,636	1.2%
Service Ships	730	0.2%	284	0.9%	1,014	0.2%
Tugs						
Fishing Vessels			142	0.4%	142	0.0%
Total	446,746	100%	31,535	100%	478,280	100%

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

Graph 74 - Number of large ships, by P&I status



Graph 75 - Gross tonnage of large ships, by P&I status



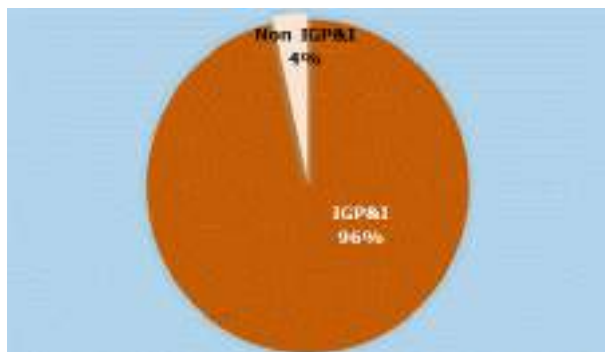
VERY LARGE SHIPS

Table 81 - P&I status : total number of very large⁽¹⁾ ships, by type

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships	3	0.0%	3	1.3%	6	0.1%
Container Ships	1,495	22.9%	12	5.0%	1,507	22.2%
Ro-Ro Cargo Ships	256	3.9%	4	1.7%	260	3.8%
Bulk Carriers	1,840	28.1%	5	2.1%	1,845	27.2%
Oil and Chemical Tankers	1,970	30.1%	147	61.5%	2,117	31.2%
Gas Tankers	554	8.5%	1	0.4%	555	8.2%
Other Tankers						
Passenger Ships	184	2.8%			184	2.7%
Offshore Vessels	233	3.6%	66	27.6%	299	4.4%
Service Ships	5	0.1%	1	0.4%	6	0.1%
Tugs						
Fishing Vessels						
Total	6,540	100%	239	100%	6,779	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Table 82 - P&I status : gross tonnage (in 1000 gt) of very large⁽¹⁾ ships, by type**

Ship Type	IGP&I		Non IGP&I		Total	
General Cargo Ships						
Specialized Cargo Ships	237	0.0%	201	0.7%	438	0.1%
Container Ships	160,409	24.3%	1,434	5.2%	169,924	23.6%
Ro-Ro Cargo Ships	17,210	2.5%	277	1.0%	17,487	2.4%
Bulk Carriers	188,571	27.2%	485	1.8%	189,056	26.2%
Oil and Chemical Tankers	207,449	29.9%	18,229	66.4%	225,678	31.3%
Gas Tankers	62,318	9.0%	94	0.3%	62,412	8.7%
Other Tankers						
Passenger Ships	20,318	2.9%			20,318	2.8%
Offshore Vessels	20,443	4.1%	6,674	24.3%	35,117	4.9%
Service Ships	821	0.1%	71	0.3%	891	0.1%
Tugs						
Fishing Vessels						
Total	693,857	100%	27,465	100%	721,322	100%

Source: Equasis - ⁽¹⁾GT≥60.000**Graph 76 - Number of very large ships, by P&I status****Graph 77 - Gross tonnage of very large ships, by P&I status**

4.2. IGP&I AND AGE

WORLD FLEET GT≥500

Table 83 - IGP&I world fleet GT≥500 : total number of ships, by type and age

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	318	6.0%	1,961	9.8%	996	11.6%	871	22.7%	4,146	11.0%
Specialized Cargo Ships	36	0.7%	80	0.4%	28	0.3%	41	1.1%	185	0.5%
Container Ships	581	11.0%	2,382	11.9%	1,550	18.1%	214	5.6%	4,727	12.5%
Ro-Ro Cargo Ships	81	1.6%	514	2.6%	316	3.7%	111	2.9%	1,022	2.7%
Bulk Carriers	1,718	32.4%	6,511	32.5%	1,663	19.4%	315	8.2%	10,207	27.1%
Oil and Chemical Tankers	1,455	27.5%	4,417	22.1%	2,278	26.6%	415	10.8%	8,565	22.7%
Gas Tankers	382	7.2%	842	4.2%	329	3.8%	117	3.0%	1,670	4.4%
Other Tankers	78	1.5%	190	0.9%	39	0.5%	57	1.5%	364	1.0%
Passenger Ships	145	2.7%	258	1.3%	373	4.4%	476	12.4%	1,252	3.3%
Offshore Vessels	293	5.5%	2,245	11.2%	585	6.8%	318	8.3%	3,441	9.1%
Service Ships	59	1.1%	254	1.3%	140	1.6%	304	7.9%	757	2.0%
Tugs	58	1.1%	201	1.0%	69	0.8%	100	2.6%	428	1.1%
Fishing Vessels	95	1.8%	151	0.8%	193	2.3%	501	13.0%	940	2.5%
Total	5,299	100%	20,016	100%	8,559	100%	3,840	100%	37,714	100%

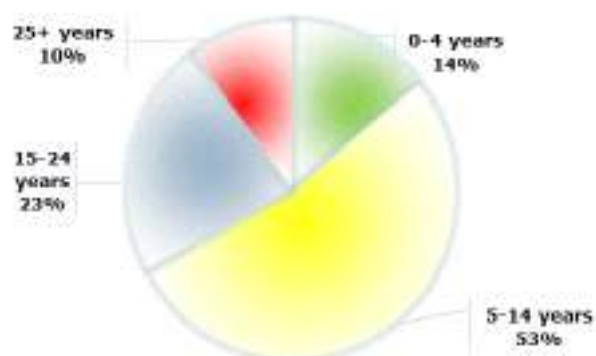
Source: Equasis

Table 84 - IGP&I whole fleet GT≥500: gross tonnage (in 1000 gt) of ships, by type and age

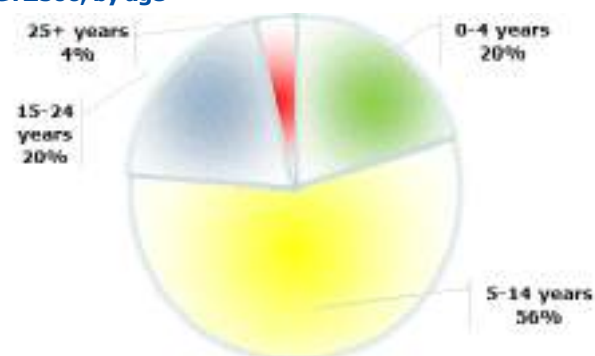
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	4,173	1.6%	21,461	2.9%	8,151	3.1%	4,167	8.9%	37,952	2.9%
Specialized Cargo Ships	504	0.2%	1,657	0.2%	579	0.2%	1,144	2.4%	3,885	0.3%
Container Ships	47,019	17.7%	139,973	19.2%	56,441	21.4%	4,679	10.0%	248,112	19.0%
Ro-Ro Cargo Ships	4,873	1.8%	25,766	3.6%	12,852	4.9%	1,889	4.0%	45,380	3.5%
Bulk Carriers	91,937	34.7%	298,326	40.9%	64,879	24.6%	7,264	15.5%	462,405	35.4%
Oil and Chemical Tankers	77,209	29.1%	172,931	23.7%	81,596	31.0%	2,418	5.2%	334,155	25.6%
Gas Tankers	26,338	9.9%	40,804	5.6%	14,299	5.4%	3,899	8.3%	85,339	6.5%
Other Tankers	481	0.2%	1,030	0.1%	250	0.1%	147	0.3%	1,908	0.1%
Passenger Ships	6,501	2.5%	10,299	1.4%	11,759	4.5%	6,523	13.9%	35,081	2.7%
Offshore Vessels	5,310	2.0%	15,158	2.1%	10,957	4.2%	12,136	25.9%	43,561	3.3%
Service Ships	435	0.2%	2,164	0.3%	1,253	0.5%	1,452	3.1%	5,307	0.4%
Tugs	53	0.0%	195	0.0%	64	0.0%	92	0.2%	404	0.0%
Fishing Vessels	243	0.1%	339	0.0%	364	0.1%	997	2.1%	1,942	0.1%
Total	265,079	100%	730,103	100%	263,442	100%	46,808	100%	1,305,432	100%

Source: Equasis

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



Graph 79 - Gross tonnage of IGP&I world fleet GT≥500, by age



MEDIUM SIZED SHIPS

Table 85 - IGP&I : total number of medium sized⁽¹⁾ ships, by type and age

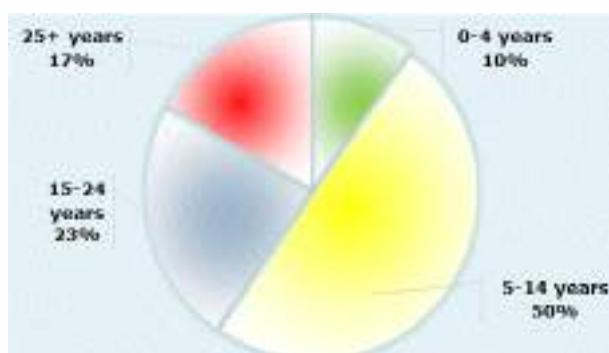
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	273	13.9%	1,833	19.1%	949	21.1%	844	25.7%	3,899	20.1%
Specialized Cargo Ships	29	1.5%	61	0.6%	18	0.4%	14	0.4%	122	0.6%
Container Ships	190	9.7%	728	7.6%	658	14.7%	142	4.3%	1,718	8.9%
Ro-Ro Cargo Ships	4	0.2%	54	0.6%	98	2.2%	93	2.8%	249	1.3%
Bulk Carriers	253	12.9%	1,483	15.4%	360	8.0%	184	5.6%	2,280	11.8%
Oil and Chemical Tankers	480	24.5%	1,990	20.7%	1,102	24.5%	394	12.0%	3,966	20.5%
Gas Tankers	95	4.9%	394	4.1%	171	3.8%	73	2.2%	733	3.8%
Other Tankers	75	3.8%	183	1.9%	36	0.8%	56	1.7%	350	1.8%
Passenger Ships	86	4.4%	139	1.4%	199	4.4%	379	11.5%	803	4.1%
Offshore Vessels	261	13.3%	2,151	22.4%	504	11.2%	209	6.4%	3,125	16.1%
Service Ships	58	3.0%	253	2.6%	133	3.0%	297	9.0%	741	3.8%
Tugs	58	3.0%	201	2.1%	69	1.5%	100	3.0%	428	2.2%
Fishing Vessels	95	4.9%	151	1.6%	193	4.3%	501	15.2%	940	4.9%
Total	1,957	100%	9,621	100%	4,490	100%	3,286	100%	19,354	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 86 - IGP&I : gross tonnage (in 1000 gt) of medium sized⁽¹⁾ ships, by type and age

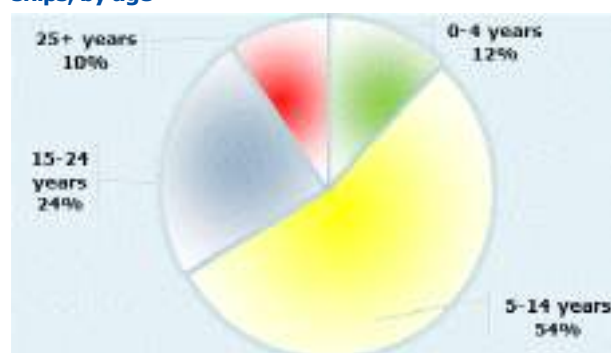
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	2,571	13.0%	17,119	19.0%	6,615	16.9%	3,317	20.9%	29,623	18.0%
Specialized Cargo Ships	210	1.1%	795	0.9%	172	0.4%	134	0.8%	1,310	0.8%
Container Ships	2,926	14.8%	9,729	10.8%	8,333	21.3%	1,654	10.4%	22,642	13.7%
Ro-Ro Cargo Ships	66	0.3%	836	0.9%	1,553	4.0%	1,004	6.3%	3,459	2.1%
Bulk Carriers	5,375	27.1%	29,089	32.3%	6,010	15.3%	2,323	14.6%	42,796	26.0%
Oil and Chemical Tankers	4,612	23.3%	17,485	19.4%	10,981	28.0%	1,548	9.7%	34,627	21.0%
Gas Tankers	1,066	5.4%	3,597	4.0%	1,298	3.3%	398	2.5%	6,359	3.9%
Other Tankers	400	2.0%	821	0.9%	157	0.4%	119	0.7%	1,497	0.9%
Passenger Ships	525	2.6%	676	0.8%	1,341	3.4%	2,572	16.2%	5,114	3.1%
Offshore Vessels	1,374	6.9%	7,042	8.7%	1,406	3.6%	677	4.3%	11,299	6.9%
Service Ships	410	2.1%	1,404	1.6%	880	2.2%	1,063	6.7%	3,757	2.3%
Tugs	53	0.3%	195	0.2%	64	0.2%	92	0.6%	404	0.2%
Fishing Vessels	243	1.2%	339	0.4%	364	0.9%	997	6.3%	1,942	1.2%
Total	19,830	100%	89,929	100%	39,173	100%	15,898	100%	164,830	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 80 - IGP&I medium sized ships, by age



Graph 81 - Gross tonnage of IGP&I medium sized ships, by age



LARGE SHIPS

Table 87 - IGP&I : total number of large⁽¹⁾ ships, by type and age

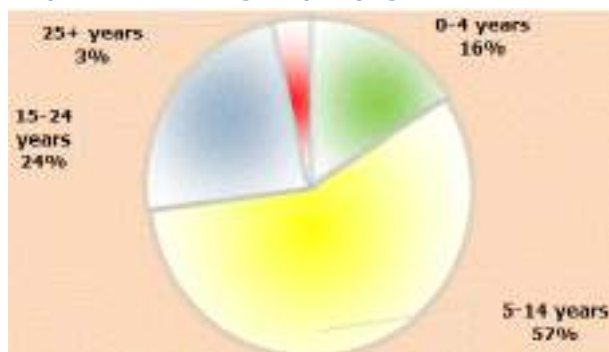
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	45	2.4%	128	1.9%	47	1.7%	27	6.5%	247	2.1%
Specialized Cargo Ships	7	0.4%	16	0.2%	10	0.4%	27	6.5%	60	0.5%
Container Ships	150	8.0%	773	11.5%	530	19.0%	81	14.8%	1,514	12.8%
Ro-Ro Cargo Ships	20	1.1%	310	4.6%	170	6.1%	17	4.1%	517	4.4%
Bulk Carriers	1,115	59.2%	3,770	56.0%	1,075	38.5%	127	30.8%	6,087	51.5%
Oil and Chemical Tankers	398	21.1%	1,426	21.2%	787	28.2%	18	4.4%	2,629	22.2%
Gas Tankers	113	6.0%	201	3.0%	53	1.9%	16	3.9%	383	3.2%
Other Tankers	3	0.2%	7	0.1%	3	0.1%	1	0.2%	14	0.1%
Passenger Ships	27	1.4%	53	0.8%	99	3.5%	86	20.8%	265	2.2%
Offshore Vessels	4	0.2%	36	0.5%	15	0.5%	28	6.8%	83	0.7%
Service Ships	1	0.1%	10	0.1%	5	0.2%	5	1.2%	21	0.2%
Tugs										
Fishing Vessels										
Total	1,883	100%	6,730	100%	2,794	100%	413	100%	11,820	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 88 - IGP&I : gross tonnage (in 1000 gt) of large⁽¹⁾ ships, by type and age

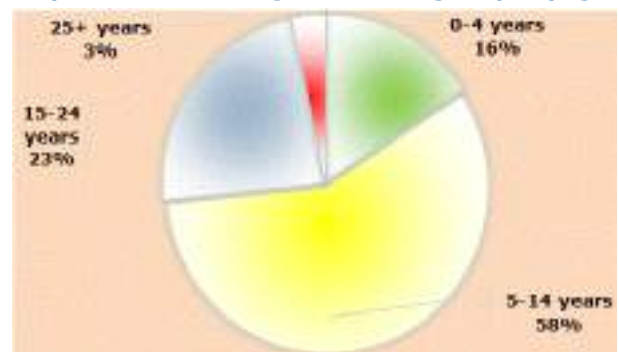
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	1,602	2.3%	4,341	1.7%	1,536	1.5%	850	5.5%	8,329	1.9%
Specialized Cargo Ships	294	0.4%	625	0.2%	407	0.4%	1,010	6.5%	2,337	0.5%
Container Ships	4,829	6.8%	30,866	12.0%	19,040	18.4%	2,245	14.5%	56,980	12.8%
Ro-Ro Cargo Ships	833	1.2%	14,840	5.8%	8,226	7.9%	813	5.2%	24,711	5.6%
Bulk Carriers	44,065	62.4%	144,209	56.1%	38,268	37.0%	4,497	29.0%	231,038	51.7%
Oil and Chemical Tankers	12,773	18.1%	49,356	19.2%	29,305	28.3%	646	4.2%	92,079	20.6%
Gas Tankers	4,799	6.8%	8,957	3.5%	2,230	2.2%	676	4.4%	16,663	3.7%
Other Tankers	80	0.1%	208	0.1%	93	0.1%	29	0.2%	411	0.1%
Passenger Ships	1,117	1.6%	1,906	0.7%	3,500	3.4%	3,126	20.2%	9,650	2.2%
Offshore Vessels	140	0.2%	1,517	0.6%	745	0.7%	1,417	9.1%	3,819	0.9%
Service Ships	29	0.0%	357	0.1%	167	0.2%	177	1.1%	730	0.2%
Tugs										
Fishing Vessels										
Total	70,561	100%	257,182	100%	103,518	100%	15,484	100%	446,746	100%

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

Graph 82 - IGP&I large ships, by age



Graph 83 - Gross tonnage of IGP&I large ships, by age



VERY LARGE SHIPS

Table 89 - IGP&I : total number of very large⁽¹⁾ ships, by type and age

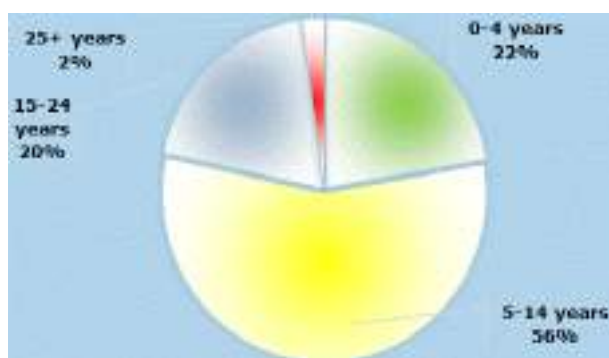
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships			3	0.1%					3	0.0%
Container Ships	241	16.5%	881	24.0%	362	28.4%	11	7.8%	1,495	22.9%
Ro-Ro Cargo Ships	57	3.9%	150	4.1%	48	3.8%	1	0.7%	256	3.9%
Bulk Carriers	350	24.0%	1,258	34.3%	228	17.9%	4	2.8%	1,840	28.1%
Oil and Chemical Tankers	577	39.5%	1,001	27.3%	389	30.5%	3	2.1%	1,970	30.1%
Gas Tankers	174	11.9%	247	6.7%	105	8.2%	28	19.9%	554	8.5%
Other Tankers										
Passenger Ships	32	2.2%	66	1.8%	75	5.9%	11	7.8%	184	2.8%
Offshore Vessels	28	1.9%	58	1.6%	66	5.2%	81	57.4%	233	3.6%
Service Ships			1	0.0%	2	0.2%	2	1.4%	5	0.1%
Tugs										
Fishing Vessels										
Total	1,459	100%	3,665	100%	1,275	100%	141	100%	6,540	100%

Source: Equasis - ⁽¹⁾GT≥60.000Table 90 - IGP&I : gross tonnage (in 1000 gt) of very large⁽¹⁾ ships, by type and age

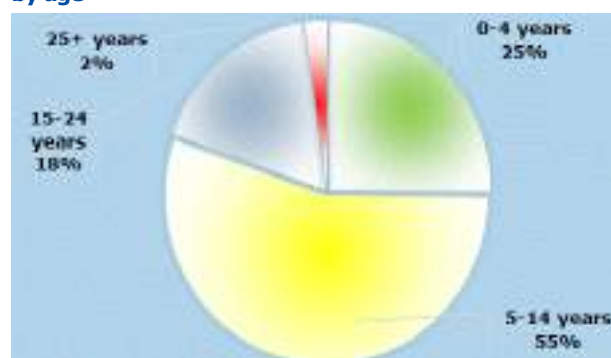
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships			237	0.1%					237	0.0%
Container Ships	39,264	22.5%	99,378	25.9%	29,068	24.1%	780	5.1%	168,489	24.3%
Ro-Ro Cargo Ships	3,975	2.3%	10,089	2.6%	3,073	2.5%	73	0.5%	17,210	2.5%
Bulk Carriers	42,497	24.3%	125,029	32.6%	20,601	17.1%	445	2.9%	188,571	27.2%
Oil and Chemical Tankers	59,824	34.2%	106,090	27.7%	41,310	34.2%	225	1.5%	207,449	29.9%
Gas Tankers	20,473	11.7%	28,249	7.4%	10,770	8.9%	2,825	18.3%	62,316	9.0%
Other Tankers										
Passenger Ships	4,859	2.8%	7,717	2.0%	6,918	5.7%	825	5.3%	20,318	2.9%
Offshore Vessels	3,796	2.2%	5,799	1.5%	8,806	7.3%	10,042	65.1%	28,443	4.1%
Service Ships			403	0.1%	206	0.2%	212	1.4%	821	0.1%
Tugs										
Fishing Vessels										
Total	174,688	100%	382,992	100%	120,751	100%	15,426	100%	693,857	100%

Source: Equasis - ⁽¹⁾GT≥60.000

Graph 84 - IGP&I very large ships, by age



Graph 85 - Gross tonnage of IGP&I very large ships, by age



4.3. NON IGP&I AND AGE

WHOLE FLEET GT≥500

Table 91 - Non IGP&I world fleet GT≥500: total number of ships, by type and age

Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	339	13.9%	1,519	24.9%	1,320	30.4%	4,664	32.8%	7,842	28.9%
Specialized Cargo Ships	13	0.5%	19	0.3%	3	0.1%	112	0.8%	147	0.5%
Container Ships	131	5.4%	161	2.6%	196	4.5%	155	1.1%	643	2.4%
Ro-Ro Cargo Ships	43	1.8%	52	0.9%	82	1.9%	207	1.5%	384	1.4%
Bulk Carriers	187	7.7%	851	13.9%	450	10.4%	534	3.8%	2,022	7.5%
Oil and Chemical Tankers	310	12.7%	881	14.4%	628	14.5%	1,867	13.1%	3,686	13.6%
Gas Tankers	43	1.8%	71	1.2%	72	1.7%	248	1.7%	434	1.6%
Other Tankers	24	1.0%	100	1.6%	31	0.7%	221	1.6%	376	1.4%
Passenger Ships	290	11.9%	425	7.0%	357	8.2%	1,031	7.2%	2,103	7.8%
Offshore Vessels	120	4.9%	659	10.8%	313	7.2%	999	7.0%	2,091	7.7%
Service Ships	227	9.3%	516	8.5%	281	6.5%	1,120	7.9%	2,144	7.9%
Tugs	30	1.2%	81	1.3%	43	1.0%	362	2.5%	516	1.9%
Fishing Vessels	680	27.9%	766	12.6%	570	13.1%	2,709	19.0%	4,725	17.4%
Total	2,437	100%	6,101	100%	4,346	100%	14,229	100%	27,113	100%

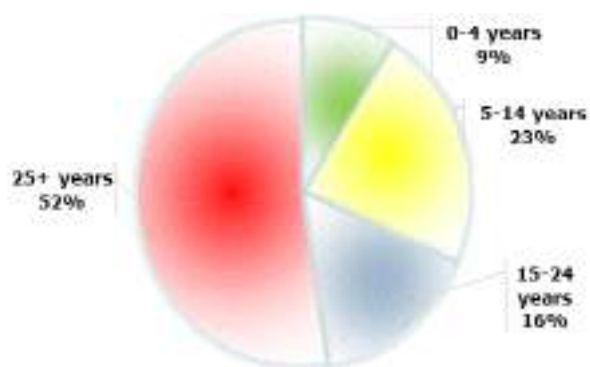
Source: Equasis

Table 92 - Non IGP&I world fleet GT≥500: gross tonnage (in 1000 gt) of ships, by type and age

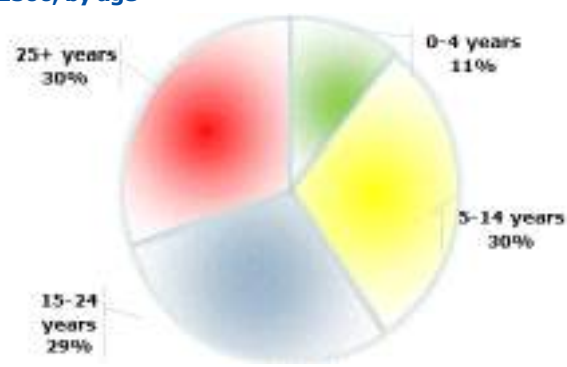
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	943	6.6%	5,130	12.6%	5,404	13.5%	11,409	27.9%	22,886	16.8%
Specialized Cargo Ships	205	1.4%	249	0.6%	25	0.1%	553	1.4%	1,032	0.8%
Container Ships	2,983	20.8%	2,195	5.4%	2,464	6.2%	958	2.3%	8,600	6.3%
Ro-Ro Cargo Ships	680	4.7%	791	1.9%	1,131	2.8%	1,286	3.1%	3,889	2.9%
Bulk Carriers	3,149	21.9%	13,635	33.6%	8,419	21.1%	5,560	13.6%	30,764	22.6%
Oil and Chemical Tankers	2,054	14.3%	8,546	21.1%	17,318	43.3%	6,500	15.9%	34,417	25.3%
Gas Tankers	74	0.5%	156	0.4%	556	1.4%	1,320	3.2%	2,106	1.6%
Other Tankers	34	0.2%	211	0.5%	73	0.2%	266	0.6%	584	0.4%
Passenger Ships	1,190	8.3%	1,742	4.3%	1,131	2.8%	2,902	7.1%	6,966	5.1%
Offshore Vessels	1,067	7.4%	5,175	12.7%	2,166	5.4%	4,023	9.8%	12,431	9.2%
Service Ships	903	6.3%	1,725	4.3%	859	1.8%	2,497	6.1%	5,764	4.2%
Tugs	29	0.2%	82	0.2%	41	0.1%	319	0.8%	470	0.3%
Fishing Vessels	1,063	7.4%	953	2.3%	594	1.5%	3,314	8.1%	5,924	4.4%
Total	14,375	100%	40,591	100%	39,960	100%	40,907	100%	135,833	100%

Source: Equasis

Graph 86 - Non IGP&I world fleet GT≥500, by age



Graph 87 - Gross tonnage of non IGP&I world fleet GT≥500, by age



MEDIUM SIZED SHIPS

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

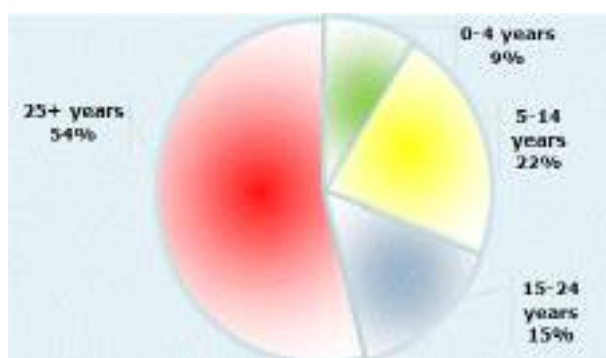
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	339	14.6%	1,518	26.6%	1,311	23.6%	4,663	33.2%	7,831	30.1%
Specialized Cargo Ships	10	0.4%	18	0.3%	3	0.1%	110	0.8%	141	0.5%
Container Ships	95	4.1%	132	2.3%	162	4.2%	151	1.1%	540	2.1%
Ro-Ro Cargo Ships	38	1.6%	44	0.8%	71	1.6%	205	1.5%	358	1.4%
Bulk Carriers	138	5.9%	616	10.8%	271	7.0%	457	3.3%	1,482	5.7%
Oil and Chemical Tankers	299	12.9%	831	14.5%	435	11.2%	1,833	13.0%	3,398	13.1%
Gas Tankers	43	1.9%	71	1.2%	65	1.7%	231	1.6%	410	1.6%
Other Tankers	24	1.0%	100	1.7%	31	0.8%	221	1.6%	376	1.4%
Passenger Ships	285	12.3%	420	7.3%	356	9.1%	1,026	7.3%	2,087	8.0%
Offshore Vessels	114	4.9%	606	10.6%	299	7.7%	966	6.9%	1,985	7.6%
Service Ships	226	9.7%	513	9.0%	281	7.2%	1,116	7.9%	2,136	8.2%
Tugs	30	1.3%	81	1.4%	43	1.1%	362	2.6%	516	2.0%
Fishing Vessels	679	29.3%	766	13.4%	570	14.6%	2,706	19.3%	4,721	18.2%
Total	2,320	100%	5,716	100%	3,898	100%	14,047	100%	25,981	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 94 - Non IGP&I : gross tonnage (in 1000 gt) of medium size⁽¹⁾ ships, by type and age

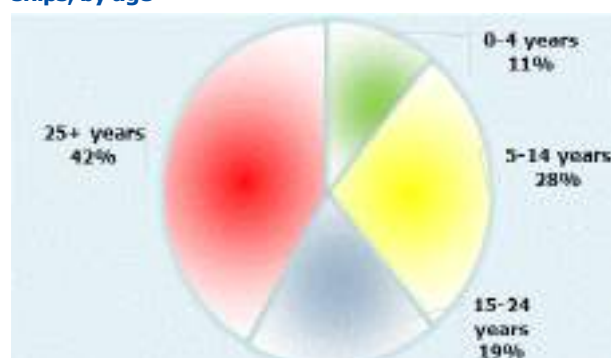
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships	943	11.3%	5,099	23.7%	5,154	25.1%	11,384	35.3%	22,580	29.4%
Specialized Cargo Ships	33	0.4%	182	0.8%	25	0.2%	482	1.5%	722	0.9%
Container Ships	1,047	12.5%	955	4.4%	1,254	6.5%	828	2.6%	4,084	5.3%
Ro-Ro Cargo Ships	448	5.4%	392	1.8%	610	4.1%	1,213	3.8%	2,662	3.5%
Bulk Carriers	1,132	13.5%	6,053	28.1%	2,427	16.5%	3,194	9.9%	12,806	16.7%
Oil and Chemical Tankers	1,220	14.6%	2,851	13.2%	2,016	13.7%	4,297	13.3%	10,385	13.5%
Gas Tankers	74	0.9%	156	0.7%	180	1.2%	572	1.8%	982	1.3%
Other Tankers	34	0.4%	211	1.0%	73	0.5%	266	0.8%	584	0.8%
Passenger Ships	1,004	12.0%	1,582	7.3%	1,102	7.5%	2,743	8.5%	6,430	8.4%
Offshore Vessels	492	5.9%	1,438	6.7%	591	4.0%	1,418	4.4%	3,939	5.1%
Service Ships	874	10.5%	1,605	7.4%	659	4.3%	2,290	7.1%	5,408	7.0%
Tugs	29	0.3%	82	0.4%	41	0.3%	319	1.0%	470	0.6%
Fishing Vessels	1,035	12.4%	953	4.4%	594	4.0%	3,201	9.9%	5,782	7.5%
Total	8,363	100%	21,559	100%	14,763	100%	32,207	100%	76,833	100%

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 88 - Non IGP&I medium sized ships, by age



Graph 89 - Gross tonnage of non IGP&I medium sized ships, by age



LARGE SHIPS

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

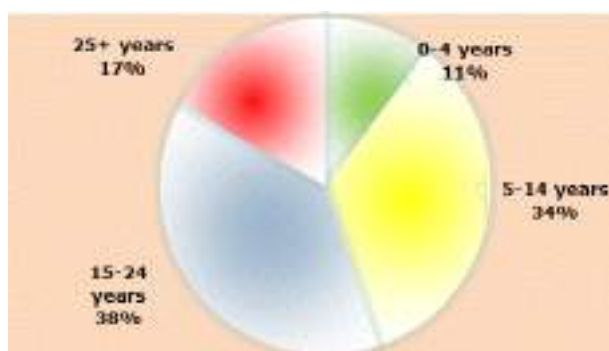
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			1	0.3%	9	2.6%	1	0.7%	11	1.2%
Specialized Cargo Ships	1	1.1%					2	1.3%	3	0.3%
Container Ships	29	31.2%	25	8.1%	33	9.6%	4	2.6%	91	10.2%
Ro-Ro Cargo Ships	3	3.2%	6	2.0%	11	3.2%	2	1.3%	22	2.5%
Bulk Carriers	46	49.5%	234	76.2%	179	52.3%	76	50.3%	535	59.9%
Oil and Chemical Tankers	5	5.4%	12	3.9%	101	29.5%	23	15.2%	141	15.8%
Gas Tankers					6	1.8%	17	11.3%	23	2.6%
Other Tankers										
Passenger Ships	5	5.4%	5	1.6%	1	0.3%	5	3.3%	16	1.8%
Offshore Vessels	2	2.2%	21	6.8%	2	0.6%	15	9.9%	40	4.5%
Service Ships	1	1.1%	3	1.0%			3	2.0%	7	0.8%
Tugs										
Fishing Vessels	1	0.1%					3	0.1%	4	0.0%
Total	93	99%	307	100%	342	100%	151	98%	893	100%

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 96 - Non IGP&I : gross tonnage (in 1000 gt) of large⁽¹⁾ ships, by type and age

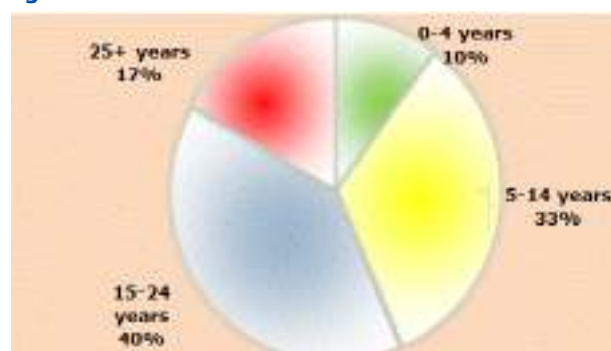
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships			31	0.3%	250	2.0%	26	0.5%	307	1.0%
Specialized Cargo Ships	39	1.2%					70	1.3%	109	0.3%
Container Ships	866	27.0%	941	9.0%	1,145	9.1%	130	2.4%	3,083	9.8%
Ro-Ro Cargo Ships	100	3.1%	254	2.4%	522	4.2%	74	1.4%	950	3.0%
Bulk Carriers	1,690	52.7%	7,490	71.4%	5,992	47.9%	2,301	43.3%	17,473	55.4%
Oil and Chemical Tankers	162	5.0%	490	4.7%	4,222	33.7%	930	17.5%	5,804	18.4%
Gas Tankers					282	2.3%	748	14.1%	1,030	3.3%
Other Tankers										
Passenger Ships	186	5.8%	160	1.5%	30	0.2%	159	3.0%	536	1.7%
Offshore Vessels	107	3.3%	1,004	9.6%	78	0.6%	628	11.8%	1,817	5.8%
Service Ships	28	0.9%	120	1.1%			136	2.6%	284	0.9%
Tugs										
Fishing Vessels	28	0.9%					114	2.1%	142	0.4%
Total	3,207	100%	10,491	100%	12,522	100%	5,316	100%	31,525	100%

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

Graph 90 - Non IGP&I large ships, by age



Graph 91 - Gross tonnage of non IGP&I large ships, by age



VERY LARGE SHIPS

Table 97 - Non IGP&I : total number of very large⁽¹⁾ ships, by type and age

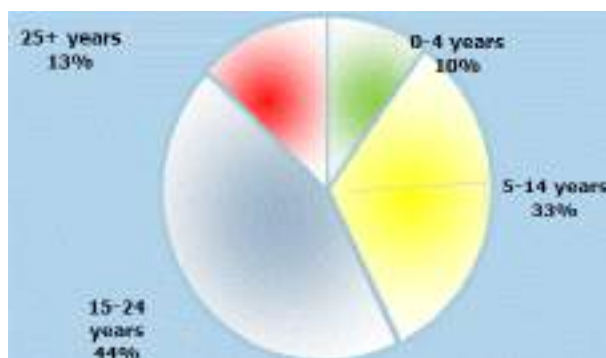
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships	2	8.3%	1	1.3%					3	1.3%
Container Ships	7	29.2%	4	5.1%	1	0.9%			12	5.0%
Ro-Ro Cargo Ships	2	8.3%	2	2.6%					4	1.7%
Bulk Carriers	3	12.5%	1	1.3%			1	3.2%	5	2.1%
Oil and Chemical Tankers	6	25.0%	38	48.7%	92	86.8%	11	35.5%	147	61.5%
Gas Tankers					1	0.9%			1	0.4%
Other Tankers										
Passenger Ships										
Offshore Vessels	4	16.7%	32	41.0%	12	11.3%	18	56.1%	66	27.6%
Service Ships							1	3.2%	1	0.4%
Tugs										
Fishing Vessels										
Total	24	100%	78	100%	106	100%	31	100%	239	100%

Source: Equasis - ⁽¹⁾GT≥60.000Table 98 - Non IGP&I : gross tonnage (in 1000 gt) of very large⁽¹⁾ ships, by type and age

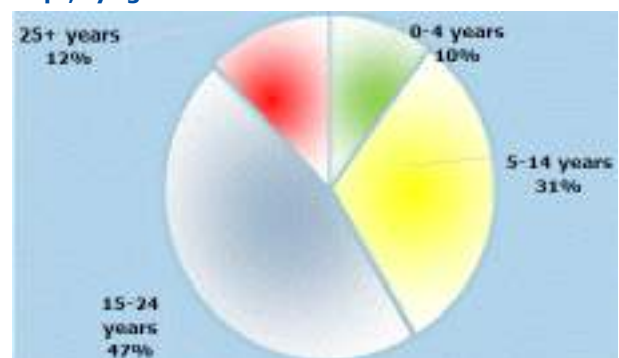
Ship Type	0-4		5-14		15-24		25+		Total	
General Cargo Ships										
Specialized Cargo Ships	134	4.8%	67	0.8%					201	0.7%
Container Ships	1,070	38.2%	299	3.5%	65	0.5%			1,434	5.2%
Ro-Ro Cargo Ships	132	4.7%	145	1.7%					277	1.0%
Bulk Carriers	327	11.7%	93	1.1%			64	1.9%	485	1.8%
Oil and Chemical Tankers	672	24.0%	5,205	60.9%	11,079	87.0%	1,273	37.6%	18,229	66.4%
Gas Tankers					94	0.7%			94	0.3%
Other Tankers										
Passenger Ships										
Offshore Vessels	469	16.7%	2,733	32.0%	1,496	11.8%	1,976	58.4%	6,674	24.3%
Service Ships							71	2.1%	71	0.3%
Tugs										
Fishing Vessels										
Total	2,805	100%	8,541	100%	12,735	100%	3,384	100%	27,465	100%

Source: Equasis - ⁽¹⁾GT≥60.000

Graph 92 - Non IGP&I very large ships, by age



Graph 93 - Gross tonnage of non IGP&I very large ships, by age



4.4. P&I AND FLAG

WORLD FLEET GT≥500

Table 99 - P&I world fleet GT≥500 status : total number of ships, by type and flag

Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships	1,645 11.8%	2,735 46.8%	4,380	2,501 10.5%	5,107 24.0%	7,608
Specialized Cargo Ships	37 0.3%	90 1.5%	127	140 0.6%	57 0.3%	205
Container Ships	2,114 15.2%	161 2.8%	2,275	2,613 11.0%	402 2.3%	3,095
Ro-Ro Cargo Ships	379 2.7%	129 2.2%	508	643 2.7%	255 1.2%	898
Bulk Carriers	4,915 35.4%	528 9.0%	5,443	5,292 22.2%	1,494 7.0%	6,786
Oil and Chemical Tankers	2,891 20.8%	696 11.9%	3,587	5,674 23.8%	2,990 14.1%	8,664
Gas Tankers	544 3.9%	90 1.5%	634	1,126 4.7%	344 1.6%	1,470
Other Tankers	77 0.6%	82 1.4%	159	287 1.2%	294 1.4%	581
Passenger Ships	204 1.5%	349 6.0%	553	1,040 4.4%	1,754 8.2%	2,802
Offshore Vessels	832 6.0%	431 7.4%	1,263	2,609 11.0%	1,660 7.8%	4,269
Service Ships	139 1.0%	202 3.5%	341	628 2.6%	1,942 9.1%	2,570
Tugs	49 0.4%	58 1.0%	107	379 1.6%	458 2.2%	837
Fishing Vessels	69 0.5%	294 5.0%	363	871 3.7%	4,431 20.8%	5,302
Total	13,895 100%	5,845 100%	19,740	23,819 100%	21,268 100%	45,087

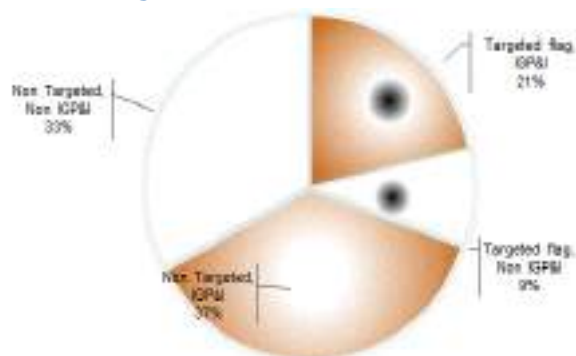
Source: Equasis

Table 100 - P&I world fleet GT≥500 status : gross tonnage (in 1000 gt) of ships, by type and flag

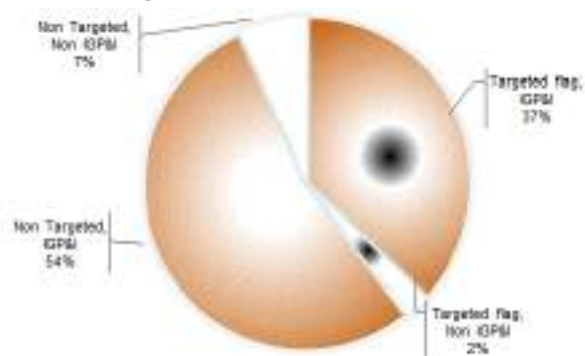
Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships	15,521 2.9%	9,050 24.8%	24,571	22,431 2.9%	13,836 13.9%	36,267
Specialized Cargo Ships	966 0.2%	481 1.3%	1,447	2,918 0.4%	551 0.6%	3,469
Container Ships	111,297 20.9%	1,590 4.4%	112,887	136,815 17.7%	7,010 7.1%	143,825
Ro-Ro Cargo Ships	17,794 3.3%	1,494 4.1%	19,288	27,506 3.6%	2,395 2.4%	29,902
Bulk Carriers	221,301 41.6%	7,481 20.5%	228,783	241,104 31.2%	23,283 23.4%	264,387
Oil and Chemical Tankers	123,017 23.1%	10,210 28.0%	133,227	211,138 27.3%	24,207 24.4%	235,345
Gas Tankers	21,702 4.1%	1,185 3.2%	22,887	63,637 8.2%	921 0.9%	64,558
Other Tankers	611 0.1%	203 0.6%	813	1,297 0.2%	301 0.4%	1,678
Passenger Ships	5,416 1.0%	1,086 3.0%	6,502	26,665 3.5%	5,879 5.9%	32,545
Offshore Vessels	10,061 1.9%	2,854 7.8%	12,915	33,500 4.3%	9,577 9.6%	43,076
Service Ships	1,706 0.3%	459 1.3%	2,165	1,601 0.5%	5,305 5.3%	6,906
Tugs	45 0.0%	45 0.1%	90	360 0.0%	425 0.4%	785
Fishing Vessels	165 0.0%	392 1.1%	557	1,777 0.2%	5,533 5.6%	7,309
Total	532,882 100%	36,529 100%	569,412	772,838 100%	99,303 100%	872,133

Source: Equasis

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



Graph 95 - Gross tonnage of ships GT≥500, by P&I status and flag



MEDIUM SIZED SHIPS

Table 101 - P&I status : total number of medium sized⁽¹⁾ ships, by type and flag

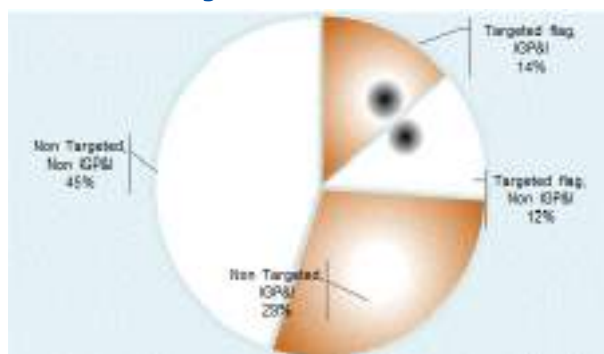
Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships	1,593 25.4%	2,733 49.2%	4,326	2,306 17.6%	5,098 25.0%	7,404
Specialized Cargo Ships	18 0.3%	87 1.6%	105	104 0.8%	54 0.3%	158
Container Ships	751 12.0%	154 2.8%	905	967 7.4%	386 1.9%	1,353
Ro-Ro Cargo Ships	67 1.1%	114 2.1%	181	182 1.4%	244 1.2%	426
Bulk Carriers	1,132 18.1%	439 7.9%	1,571	1,148 8.8%	1,043 5.1%	2,191
Oil and Chemical Tankers	1,249 19.9%	583 10.5%	1,832	2,717 20.8%	2,815 13.8%	5,532
Gas Tankers	276 4.4%	71 1.3%	347	457 3.5%	339 1.7%	796
Other Tankers	69 1.1%	82 1.5%	151	281 2.1%	294 1.4%	575
Passenger Ships	111 1.8%	342 6.2%	453	692 5.3%	1,745 8.5%	2,437
Offshore Vessels	754 12.0%	400 7.2%	1,154	2,371 18.1%	1,585 7.8%	3,956
Service Ships	126 2.0%	201 3.6%	327	615 4.7%	1,935 9.5%	2,550
Tugs	49 0.8%	58 1.0%	107	379 2.9%	458 2.2%	837
Fishing Vessels	69 1.1%	294 5.3%	363	871 6.7%	4,427 21.7%	5,298
Total	6,264 100%	5,558 100%	11,822	13,098 100%	20,423 100%	33,513

Source: Equasis - ⁽¹⁾ 500≤GT<25.000Table 102 - P&I status : gross tonnage (in 1000 gt) of medium sized⁽¹⁾ ships, by type and flag

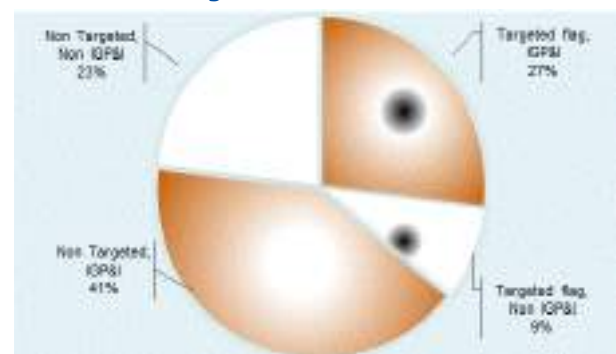
Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships	13,816 21.1%	8,989 42.2%	22,805	15,807 15.9%	13,590 24.5%	29,397
Specialized Cargo Ships	208 0.3%	372 1.7%	580	1,102 1.1%	350 0.6%	1,452
Container Ships	10,624 16.3%	1,179 5.5%	11,803	12,018 12.1%	2,905 5.2%	14,923
Ro-Ro Cargo Ships	902 1.4%	727 3.4%	1,630	2,557 2.6%	1,935 3.5%	4,491
Bulk Carriers	21,241 32.5%	4,669 21.9%	25,911	21,555 21.7%	8,137 14.6%	29,692
Oil and Chemical Tankers	11,135 17.0%	2,295 10.8%	13,431	23,492 23.6%	8,089 14.6%	31,581
Gas Tankers	2,606 4.0%	332 1.6%	2,938	3,753 3.8%	649 1.2%	4,402
Other Tankers	362 0.6%	203 1.0%	565	1,135 1.1%	301 0.7%	1,517
Passenger Ships	1,011 1.5%	882 4.1%	1,893	4,102 4.1%	5,548 10.0%	9,650
Offshore Vessels	2,465 3.8%	788 3.7%	3,273	8,814 8.9%	3,151 5.7%	11,965
Service Ships	739 1.1%	404 1.9%	1,143	3,018 3.0%	5,005 9.0%	8,023
Tugs	45 0.1%	45 0.2%	90	360 0.4%	425 0.8%	785
Fishing Vessels	165 0.3%	392 1.8%	557	1,777 1.8%	5,391 9.7%	7,168
Total	65,340 100%	21,277 100%	86,618	99,498 100%	55,555 100%	155,045

Source: Equasis - ⁽¹⁾ 500≤GT<25.000

Graph 96 - Total number of medium sized ships, by P&I status and flag



Graph 97 - Gross tonnage of medium sized ships, by P&I status and flag



LARGE SHIPS

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

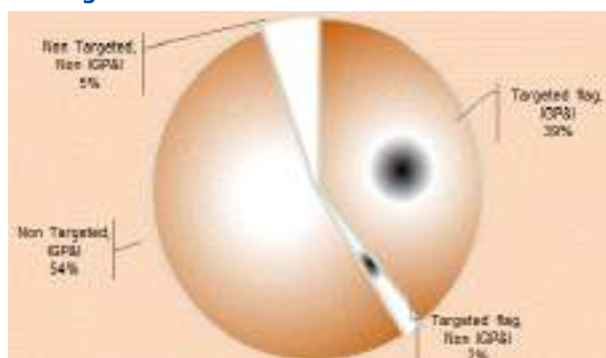
Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships	52 1.0%	2 0.9%	54	195 2.9%	9 1.3%	204
Specialized Cargo Ships	19 0.4%	3 1.4%	22	41 0.6%		41
Container Ships	687 13.8%	5 2.3%	692	827 12.1%	86 12.8%	913
Ro-Ro Cargo Ships	210 4.2%	14 6.3%	224	307 4.5%	8 1.2%	315
Bulk Carriers	2,859 57.3%	88 39.8%	2,947	3,228 47.3%	447 66.5%	3,675
Oil and Chemical Tankers	933 18.7%	68 30.8%	1,001	1,696 24.8%	73 10.9%	1,769
Gas Tankers	155 3.1%	19 8.6%	174	228 3.3%	4 0.6%	232
Other Tankers	8 0.2%		8	6 0.1%		6
Passenger Ships	36 0.7%	7 3.2%	43	229 3.4%	9 1.3%	238
Offshore Vessels	23 0.5%	14 6.3%	37	60 0.9%	26 3.9%	86
Service Ships	10 0.2%	1 0.5%	11	11 0.2%	6 0.9%	17
Tugs						
Fishing Vessels					4 0.0%	4
Total	4,992 100%	221 100%	5,213	6,828 100%	672 99%	7,500

Source: Equasis - ⁽¹⁾ 25.000≤GT<60.000Table 104 - P&I status : gross tonnage (in 1000 gt) of large⁽¹⁾ ships, by type and flag

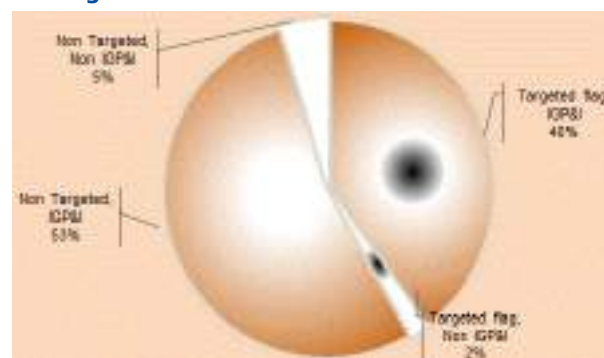
Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships	1,705 0.9%	61 0.7%	1,766	6,625 2.6%	146 1.1%	6,871
Specialized Cargo Ships	758 0.4%	109 1.3%	867	1,579 0.6%		1,579
Container Ships	25,372 13.3%	143 1.7%	25,516	31,608 12.4%	2,939 12.6%	34,547
Ro-Ro Cargo Ships	9,994 5.2%	694 8.4%	10,688	14,717 5.8%	256 1.1%	14,973
Bulk Carriers	109,931 57.6%	2,702 32.6%	112,633	121,107 47.3%	14,771 63.6%	135,878
Oil and Chemical Tankers	33,762 17.7%	2,844 34.3%	36,606	58,317 22.8%	2,960 12.7%	61,276
Gas Tankers	6,365 3.3%	853 10.3%	7,218	10,298 4.0%	178 0.8%	10,475
Other Tankers	249 0.1%		249	162 0.1%		162
Passenger Ships	1,268 0.7%	204 2.5%	1,473	8,381 3.3%	331 1.4%	8,713
Offshore Vessels	1,079 0.6%	626 7.6%	1,705	2,740 1.1%	1,191 5.1%	3,931
Service Ships	358 0.2%	55 0.7%	413	371 0.1%	230 1.0%	601
Tugs						
Fishing Vessels					142 0.3%	142
Total	198,841 100%	8,292 100%	207,134	255,904 100%	23,242 100%	279,147

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

Graph 98 - Total number of large ships, by P&I status and flag



Graph 99 - Gross tonnage of large ships, by P&I status and flag



VERY LARGE SHIPS

Table 105 - P&I status : total number of very large⁽¹⁾ ships, by type and flag

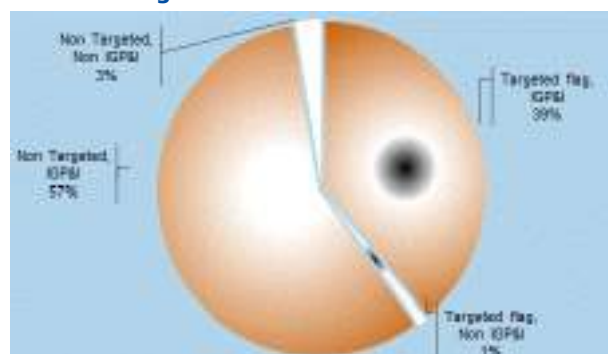
Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships						
Specialized Cargo Ships				3	0.1%	3
Container Ships	676	25.6%	2	3.0%	678	819
Ro-Ro Cargo Ships	102	3.9%	1	1.5%	103	154
Bulk Carriers	924	35.0%	1	1.5%	925	916
Oil and Chemical Tankers	709	26.9%	45	68.2%	754	1,261
Gas Tankers	113	4.5%			113	441
Other Tankers						
Passenger Ships	57	2.2%			57	127
Offshore Vessels	55	2.1%	17	25.8%	72	178
Service Ships	3	0.1%			3	2
Tugs						
Fishing Vessels						
Total	2,639	100%	66	100%	2,705	3,901
						173
						0%
						4,074

Source: Equasis - ⁽¹⁾GT≥60.000Table 106 - P&I status : gross tonnage (in 1000 gt) of very large⁽¹⁾ ships, by type and flag

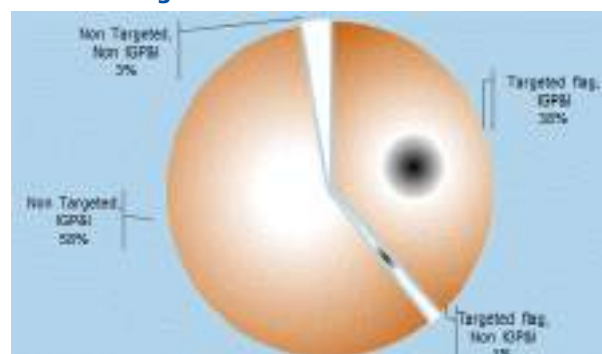
Ship Type	Targeted flag			Non Targeted flag		
	IGP&I	Non IGP&I	Total	IGP&I	Non IGP&I	Total
General Cargo Ships						
Specialized Cargo Ships				237	0.1%	438
Container Ships	75,300	27.2%	268	3.8%	75,568	93,189
Ro-Ro Cargo Ships	6,898	2.5%	72	1.0%	6,970	10,313
Bulk Carriers	90,129	32.6%	110	1.6%	90,239	98,442
Oil and Chemical Tankers	78,119	28.3%	5,071	72.9%	83,190	129,330
Gas Tankers	12,731	4.6%			12,731	49,586
Other Tankers						
Passenger Ships	6,136	2.2%			6,136	14,182
Offshore Vessels	6,498	2.4%	1,439	20.7%	7,937	21,945
Service Ships	609	0.2%			609	212
Tugs						
Fishing Vessels						
Total	276,421	100%	6,969	100%	283,380	417,438
						20,508
						100%
						417,946

Source: Equasis - ⁽¹⁾GT≥60.000

Graph 100 -Total number of very large ships, by P&I status and flag



Graph 101 -Gross tonnage of very large ships, by P&I status and flag



4.5. SAFETY PERFORMANCE

WHOLE FLEET GT≥500

Table 107 - Whole fleet GT≥500 detention rate^(*), by type and P&I status - 2020

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	2.24%	4.83%	3.41%
Specialized Cargo Ships	1.73%	3.27%	2.60%
Container Ships	1.22%	2.97%	1.31%
Ro-Ro Cargo Ships	1.45%	8.55%	2.40%
Bulk Carriers	2.03%	3.64%	2.14%
Oil and Chemical Tankers	0.94%	4.70%	1.12%
Gas Tankers	0.56%	1.20%	0.59%
Other Tankers	2.36%	22.22%	4.83%
Passenger Ships	0.83%	9.57%	2.23%
Offshore Vessels	0.94%	4.11%	1.32%
Service Ships	0.51%	3.51%	1.18%
Tugs	0.00%	16.67%	5.88%
Fishing Vessels	0.00%	6.98%	5.08%
Total	1.62%	4.71%	2.11%

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

MEDIUM SIZED SHIPS

Table 108 - Medium sized⁽¹⁾ ships detention rates^(*), by type and P&I status - 2020

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	2.38%	4.82%	3.52%
Specialized Cargo Ships	2.61%	3.27%	3.08%
Container Ships	1.27%	2.99%	1.49%
Ro-Ro Cargo Ships	2.08%	11.05%	6.32%
Bulk Carriers	1.79%	3.56%	2.09%
Oil and Chemical Tankers	1.12%	5.60%	1.48%
Gas Tankers	1.01%	1.25%	1.03%
Other Tankers	2.58%	22.22%	5.20%
Passenger Ships	1.38%	9.52%	3.65%
Offshore Vessels	1.05%	4.48%	1.47%
Service Ships	0.53%	3.51%	1.23%
Tugs	0.00%	16.67%	5.88%
Fishing Vessels	0.00%	6.98%	5.08%
Total	1.74%	4.79%	2.61%

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

LARGE SHIPS

Table 109 - Large⁽¹⁾ ships detention rates^(*), by type and P&I status - 2020

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships	0.43%	7.69%	0.62%
Specialized Cargo Ships	0.00%		0.00%
Container Ships	1.56%	3.23%	1.58%
Ro-Ro Cargo Ships	2.00%	1.85%	2.00%
Bulk Carriers	1.92%	3.89%	1.97%
Oil and Chemical Tankers	1.01%	2.38%	1.04%
Gas Tankers	0.00%	0.00%	0.00%
Other Tankers	0.00%		0.00%
Passenger Ships	0.82%	7.41%	1.48%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%		0.00%
Tugs			
Fishing Vessels			
Total	1.61%	3.63%	1.66%

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

VERY LARGE SHIPS

Table 110 - Very large⁽¹⁾ ships detention rates^(*), by type and P&I status - 2020

Ship Type	IGP&I	Non IGP&I	Overall
General Cargo Ships			
Specialized Cargo Ships	0.00%		0.00%
Container Ships	0.85%	0.00%	0.85%
Ro-Ro Cargo Ships	0.21%	0.00%	0.21%
Bulk Carriers	3.31%	4.35%	3.32%
Oil and Chemical Tankers	0.33%	0.00%	0.32%
Gas Tankers	0.31%		0.31%
Other Tankers			
Passenger Ships	0.00%	25.00%	0.65%
Offshore Vessels	0.00%	0.00%	0.00%
Service Ships	0.00%		0.00%
Tugs			
Fishing Vessels			
Total	1.32%	2.90%	1.34%

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

Chapter 5

5. Port State Control

INTRODUCTION

Port State Control (PSC) authorities check the compliance with International Conventions of foreign flagged ships visiting their ports. Equasis statistics include inspection data provided by nine of the regional PSC regimes:

1. Paris MoU;
2. Tokyo MoU;
3. Indian Ocean MoU;
4. U.S. Coast Guard;
5. Acuerdo de Viña del Mar;
6. Mediterranean MoU;
7. Caribbean MoU;
8. Black Sea MoU; and
9. Abuja MoU.

Due to some technical issues related to the format of the inspection reports, Equasis cannot display inspections from Riyadh MoU. Equasis will continue to await further information and to follow closely any developments decided by the Riyadh Secretariat so that the inspections can be included thereon in this report.

The analyses in this chapter takes into account the last three years of inspections (2018-2020) from these PSC regimes as recorded in Equasis.

PSC SHIP TYPE

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

It needs to be noted that for consistency reasons the reference fleet is exactly the same one of the remaining chapters. It means that inspections of ships that are no longer active or with a "commercial" ship type out of the scope of these statistics are not counted in this chapter.

INSPECTED SHIPS

Ships are subject to PSC inspections in most parts of the world, of which Equasis receives data from nine PSC regimes. However, some ships do not trade to the participating maritime authorities of these nine MoU's or in some cases have not been inspected when they have visited them.

Some ships are not eligible for PSC inspections due to their size or type, or they are only engaged in domestic trade. These vessels are mainly confined to the small ship size category. Therefore, there is a portion of the eligible fleet without a port State Control inspection record in Equasis.

A significant portion of this "*without inspection record*" fleet, particularly those in the very large, large and medium sized ship category, may potentially be trading in the waters of these PSC regimes or are trading using ports in these areas.

The inspection figures show the proportion of the fleet which have been inspected by one of the nine PSC regimes in the last three years. Therefore, the proportion of fleet that have not been inspected can be calculated. The figures are sorted by ship size and PSC type with details per age ranges, flag State and P&I coverage.

RECOGNISED ORGANISATIONS

Information on Recognised Organisations (RO) is also included in this chapter based on the statutory certificates recorded at the time of inspection. ROs are Classification Societies working on behalf of a flag state that survey ships under their flag and certify that they comply with the relevant international conventions.

Information on statutory certificates is provided by the following PSC regimes to Equasis: Paris MoU, Tokyo MoU, Indian Ocean MoU, USCG, Viña del Mar Agreement, Mediterranean MoU, Caribbean MoU, Black Sea MoU, and Abuja MoU.

Table 143 provides the total number of inspections in which a statutory certificate

has been recorded by the PSC Officer (PSCO) for each type of certificate. It also specifies the number of inspections where this certificate has been recorded by the PSCO by issuer (flag State or RO). Please note that during an inspection several certificates are usually checked and recorded but no checklist is followed. Moreover, depending on the ship type certain certificates may not be applicable. Additionally, a "group" of certificates in the table may refer to more than one certificate and each certificate may be issued by different authorities. For these reasons, total figures cannot be easily deducted by summing lines or columns in Table 143.

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

DOUBLE REPORTING

It has become apparent over the last few years that some individual States are reporting the same inspection and detention records to two regional PSC regimes. These in turn are submitted to Equasis by both MoUs.

Over the past years, the Equasis MU have been receiving queries in relation to inspection reports relevant to States being a member of two or more PSC MoUs. The issue identified by the Equasis users is that, in cases where national PSC Authorities are members of two (or more) PSC MoUs, a single inspection is reported in each of the distinct databases of the relevant PSC regime, then submitted to Equasis by all the relevant regional PSC information systems. Equasis has acknowledge the problem of double reporting of PSC inspections by some port States who are members of more than one PSC MoUs. Meanwhile, Equasis has implemented an interim measure on its website (<http://www.equasis.org>), common information is gathered on one line when two PSC send to Equasis data for a single inspection.

Implications

The tables below reflect all the reports of inspections shared with Equasis over the last three (3) years (2018, 2019 and 2020). As the MoU's have not specified that

an inspection has been reported under two MoU's, Equasis cannot identify them and reflect the double reporting in the tables. This is because under the data sharing agreement Equasis cannot interpret or manage the data.

RESULTS

Table 116 reveals that of the 66,625 ships over 500GT in the fleet covered by Equasis, 53% (35,188) were inspected at least once in the period 2018-2020. This equates to 84% by tonnage.

Table 113 shows that the number of individual ships inspected has fallen due to the pandemic in comparison to last year to the total of 27,494 inspections.

Table 114 and Graph 105 shows a significant number of inspections to ships occurs only once, with the exception of the Tokyo MoU region wherein the number of multiple inspections is more predominant. Furthermore, the introduction of the New Inspection Regime (NIR) in Paris MoU and Tokyo MoU, also led to an approximation of the total number of inspections between Paris MoU and Tokyo MoU (Graph 105). The new inspection regime NIR targets ship according a ship risk profile, which takes into account the flag of the ship, type, age, recognised organisation, company performance and historical information on deficiencies and detentions.

Table 115 shows a relevant proportion of ships that were inspected by two and three PSC regimes, with a steep downwards trend as the number of PSC regimes increases, with bulk carriers, chemical tanker and general cargo being more likely to be inspected in four or more PSC regions.

Table 111 shows that a very small quantity of small sized ships is inspected (3%) and that the majority of ships without an inspection record are either in the small sized ship category or in the medium sized category (38%). For the other categories, both large and very large about 88% of the ships were inspected between 2018 and 2020.

By age, Table 116 shows that oldest ships (24% inspected) have been subjected to fewer inspections than the newer ships

(51% inspected). Additionally, ships with IG P&I coverage (Table 124) have also been subjected to more inspections. A possible explanation is the fact that the majority of ships is covered by IGP&I clubs (77%) and these are the ones mostly operating in PSC regions for which Equasis has PSC data.

Table 132 shows that ships with targeted flag States are subject to more inspections than those of non-targeted flag States, but with relatively small difference between targeted and non-targeted (77% and 42%, respectively).

Table 140 shows that the majority of statutory certificates are issued by members of IACS of which 92.7% of inspections are of ships over 500GT.

Table 143 shows that the involvement of flag States differs greatly depending on the statutory certificates. The Minimum Safe Manning Document (SOLAS/STCW), the Continuous Synopsis Record (SOLAS/CSR), and the Bunker Certificate are the statutory certificates that are, in majority, issued by the flag State.

ROs, in particular the IACS members, are also more involved in issuing the International Ship Security Certificate

(ISSC), the IOPP Certificate, MARPOL Certificates, the Ballast Water Management Convention's Certificates and Maritime Labour Convention (MLC certificate).

COVID-19 PANDEMIC

The coronavirus (COVID-19) pandemic has caused disruptions to the provision of normal shipping services, including the conduct of Port State Control inspections. In view of the challenges brought about by the COVID-19 pandemic, the number of PSC inspections dropped significantly. In some circumstances, where it has been impossible to conduct inspections the Port State Control (PSC) authorities have introduced alternative arrangements, such as remote inspections, as an interim alternative measure or other pragmatic solutions like accepting delays of inspections. This has been the experience of all PSC regimes, nevertheless, the inspections have been held in a satisfactory way.

5.1. PORT STATE CONTROL OVERVIEW

OVERVIEW OF INSPECTED SHIPS IN ALL PSC REGIONS (2018-2020)

Table 111 - The world fleet in Equasis, by PSC type and size (GT≥100)

PSC Ship Type	Small		Medium		Large		Very Large		All Sizes						
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected					
General Cargo/Multipurpose	5,164	153	3.0%	12,288	6,188	50.4%	483	448	92.8%	37	37	100.0%	17,852	6,837	38.3%
Refrigerated Cargo	826	27	3.3%	1,346	831	61.8%	6	1	16.7%				2,178	560	25.7%
Heavy Load	2		0.0%	73	52	71.2%	43	46	107.0%	6	2	33.3%	124	94	75.8%
Container	30		0.0%	2,160	1,613	74.7%	1,572	1,388	87.8%	1,483	1,453	98.0%	5,135	4,446	84.9%
Ro-Ro Cargo	42	8	19.0%	819	368	45.0%	419	410	97.9%	238	232	97.1%	1,219	910	74.7%
Bulk Carrier	6	3	50.0%	2,953	2,424	82.1%	6,335	5,646	89.1%	1,829	1,718	93.9%	11,123	9,703	86.8%
Oil Tanker	1,863	22	1.2%	4,541	848	18.7%	1,423	1,194	84.0%	2,043	1,896	93.0%	6,870	3,861	56.2%
Chemical Tanker	488	6	1.2%	3,377	2,333	69.1%	1,742	1,109	63.7%				5,185	3,448	67.0%
Combination Carrier	1	1	100.0%	52	27	51.9%	9	9	100.0%	2	2	100.0%	64	39	60.9%
Gas Carrier	38		0.0%	1,099	654	59.5%	353	322	91.2%	525	449	85.5%	2,813	1,425	50.7%
MLS Tanker	3	1	33.3%	143	134	93.7%	189	189	100.0%	137	137	100.0%	442	431	97.5%
High Speed Passenger Craft	47	47	100.0%	49	49	100.0%							96	96	100.0%
Passenger Ship	5,153	334	6.5%	1,309	282	21.5%	60	58	96.7%	178	171	96.1%	6,700	855	12.8%
Ro-Ro Passenger Ship	822	4	0.5%	2,087	200	9.7%	222	171	77.0%	6	6	100.0%	3,137	383	12.2%
Offshore Supply	2,428	88	3.6%	4,630	867	18.7%	15	2	13.3%	8	1	12.5%	7,081	938	13.2%
Special Purpose Ship	204	49	24.0%	520	185	35.6%	19	13	68.4%	5	2	40.0%	748	259	34.6%
Tug	18,746	745	4.0%	1,012	180	18.0%							19,358	905	4.7%
Other Special Activities	3,566	433	12.1%	3,461	778	22.5%	254	171	67.3%	267	66	24.7%	7,568	1,440	19.0%
Other	19,811	43	0.2%	5,513	280	5.1%	120	108	90.0%	14	10	71.4%	25,258	422	1.7%
Total	58,646	1,944	3%	47,132	17,971	38%	13,714	11,343	82%	6,779	5,974	88%	125,371	37,132	30%

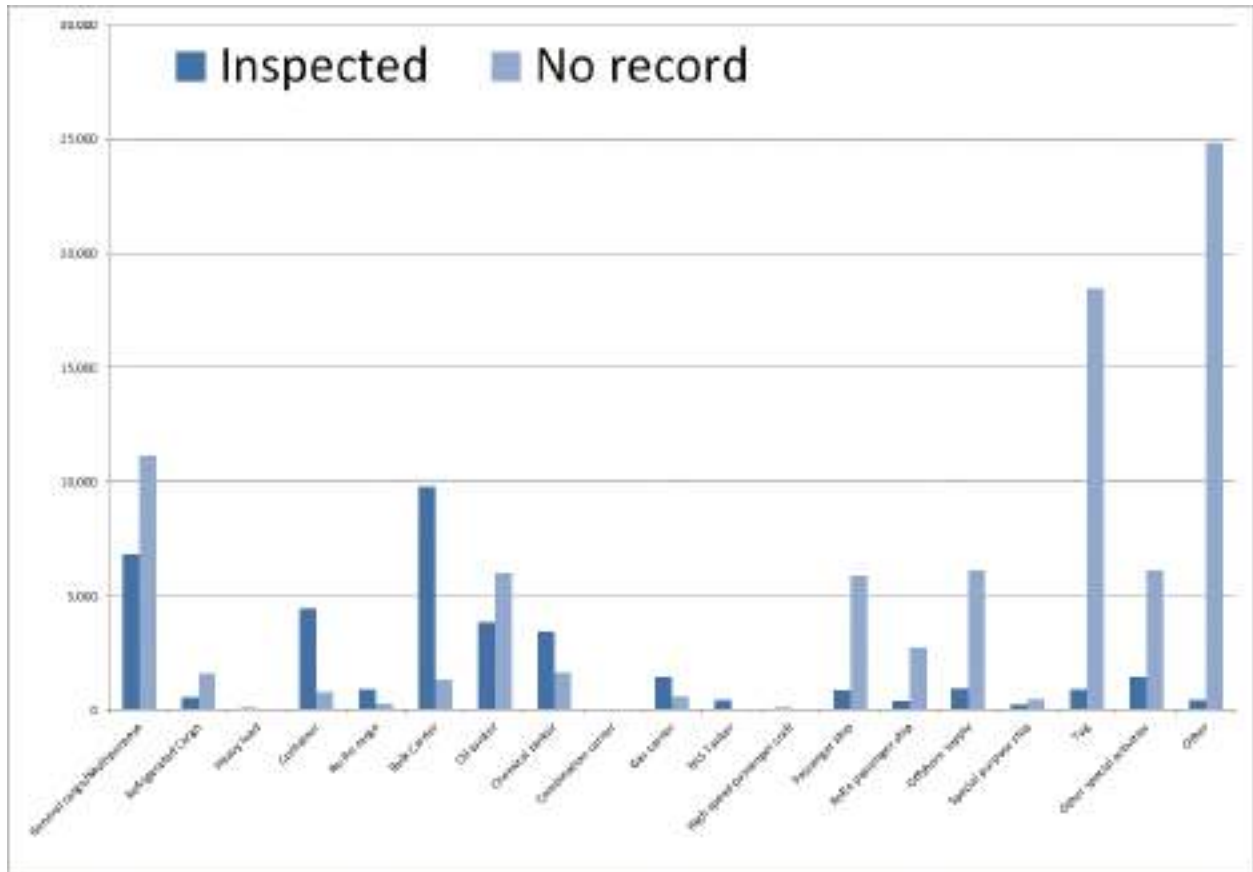
Source: Equasis ⁽¹⁾GT<500 - ⁽²⁾500≤GT<25.000 - ⁽³⁾25.000≤GT<60.000 - ⁽⁴⁾GT≥60.000

Table 112 - Gross tonnage (in 1000 gt) of the world fleet in Equasis, by PSC type and size

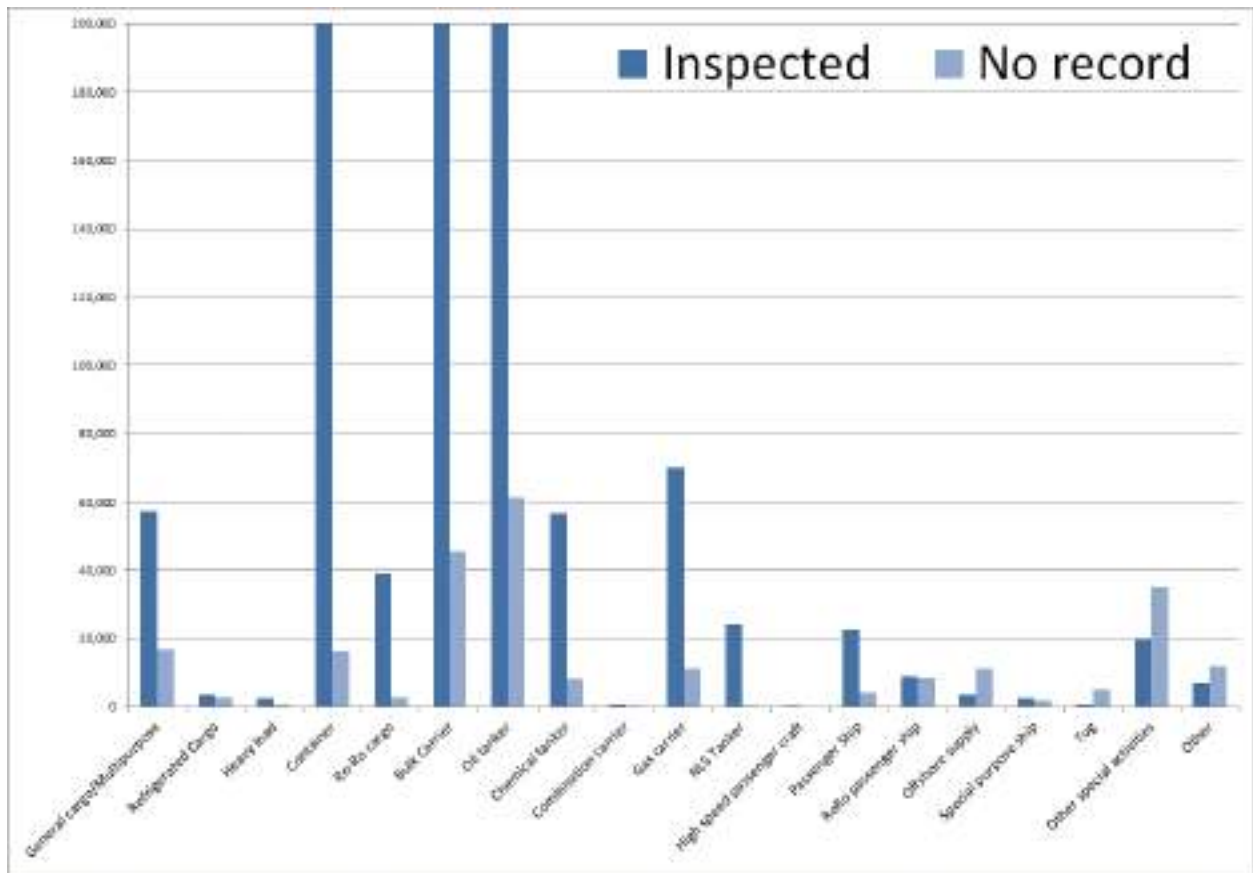
PSC Ship Type	Small		Medium		Large		Very Large		All Sizes						
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected					
General Cargo/Multipurpose	1,833	88	4.8%	52,192	37,801	72.4%	16,535	16,948	102.5%	3,253	3,253	100.0%	73,961	57,158	77.1%
Refrigerated Cargo	203	10	4.9%	5,856	3,400	58.1%	208	96	46.2%				6,267	3,474	55.5%
Heavy Load	1		0.0%	852	657	77.1%	1,647	1,518	92.2%	438	176	40.2%	2,938	2,351	80.0%
Container	8		0.0%	25,685	20,976	81.6%	59,088	52,823	89.4%	167,467	162,803	97.3%	252,148	235,892	93.5%
Ro-Ro Cargo	13	3	23.1%	3,178	3,309	104.1%	20,381	20,899	102.5%	16,111	15,651	97.1%	41,650	39,022	93.7%
Bulk Carrier	2	1	50.0%	52,993	45,868	86.6%	236,434	212,212	89.8%	187,488	173,189	92.4%	476,837	431,278	90.4%
Oil Tanker	566	8	1.4%	17,628	7,268	40.9%	57,630	48,395	84.0%	215,684	174,917	81.1%	291,818	236,598	81.1%
Chemical Tanker	134	3	2.2%	27,938	23,790	85.2%	36,823	32,857	89.2%				64,937	56,650	87.4%
Combination Carrier				338	265	78.4%	309	309	100.0%	142	142	100.0%	789	716	90.7%
Gas Carrier	14		0.0%	6,815	5,418	79.5%	15,368	14,801	96.3%	58,842	50,588	85.9%	81,039	68,828	84.9%
MLS Tanker	1		0.0%	1,273	1,263	99.2%	5,903	5,903	100.0%	16,810	16,810	100.0%	24,067	24,066	100.0%
High Speed Passenger Craft	10	10	100.0%	232	232	100.0%							242	242	100.0%
Passenger Ship	1,336	308	22.9%	3,888	1,178	30.3%	2,547	2,441	95.8%	19,913	18,851	94.7%	26,784	22,578	84.3%
Ro-Ro Passenger Ship	252	1	0.4%	9,166	2,592	28.3%	7,678	5,989	78.0%	486	486	100.0%	17,702	8,988	50.8%
Offshore Supply	688	19	2.8%	12,733	3,325	26.1%	532	82	15.4%	673	83	12.3%	14,626	3,589	24.5%
Special Purpose Ship	52	14	26.9%	2,542	1,280	50.4%	730	510	69.9%	775	565	72.9%	4,099	2,389	58.3%
Tug	4,440	228	5.1%	1,058	318	30.0%							5,538	544	9.8%
Other Special Activities	906	147	16.2%	10,178	3,432	33.7%	11,307	7,308	64.6%	32,499	8,776	27.0%	54,890	19,563	35.6%
Other	4,290	13	0.3%	8,128	1,344	16.5%	5,164	4,782	92.6%	892	815	91.4%	18,466	6,754	36.6%
Total	14,799	628	4%	244,438	163,726	67%	478,313	424,583	89%	721,323	626,784	87%	1,458,830	1,215,787	83%

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

Graph 102 -Total number of inspected ships (all sizes), by PSC type



Graph 103 -Gross tonnage (in 1000 gt) of inspected ships (all sizes), by PSC type



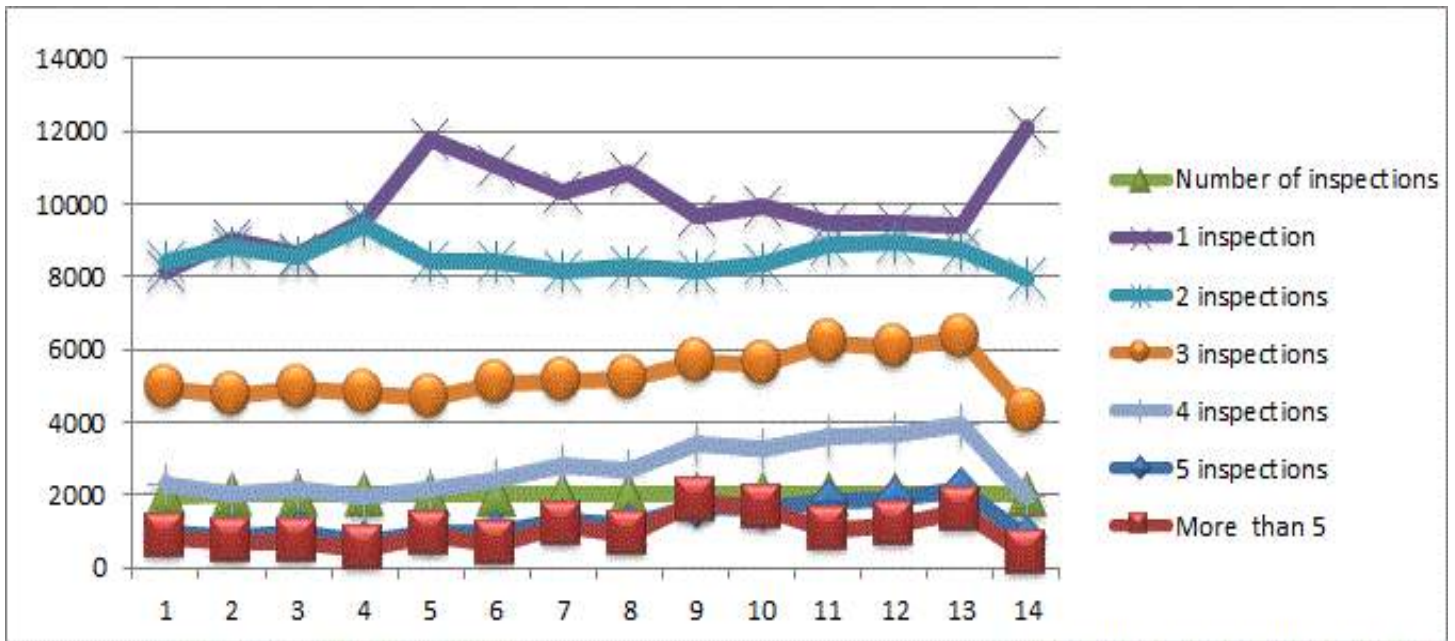
MULTIPLE INSPECTIONS (2007-2020)

Table 113 - Total number of individual ships inspected^(*), by number of inspections per ship – 2007-2020

Number of inspections per ship	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	8,166 31.9%	9,085 34.6%	8,637 33.2%	9,527 35.9%	11,783 40.8%	11,092 38.9%	10,351 35.5%	11,844 37.4%	9,688 31.8%	9,947 32.8%	9,490 30.5%	9,482 30.4%	9,421 29.4%	12,114 44.1%
2	4,415 22.8%	4,818 23.8%	4,571 21.0%	4,412 25.1%	4,438 25.3%	4,388 26.4%	4,152 28.3%	4,207 28.6%	4,122 28.7%	4,252 27.5%	4,936 28.7%	4,825 28.6%	4,726 27.2%	7,152 28.9%
3	4,839 19.3%	4,687 28.8%	4,948 19.0%	4,781 17.8%	4,670 16.2%	5,021 17.6%	5,182 17.7%	5,208 17.5%	5,642 18.6%	5,573 18.4%	6,185 19.9%	6,863 19.4%	6,272 19.6%	4,289 15.8%
4	2,287 8.9%	2,041 7.8%	2,172 8.4%	1,969 7.3%	2,133 7.4%	2,435 8.5%	2,783 9.7%	2,648 9.1%	3,407 11.2%	3,252 10.7%	3,909 11.8%	3,889 11.8%	3,918 12.2%	1,571 7.2%
5	872 3.8%	783 3.1%	934 3.6%	672 2.3%	938 3.2%	930 3.3%	1,184 4.3%	1,133 4.0%	1,889 5.8%	1,990 6.2%	1,820 5.9%	1,870 6.0%	2,175 6.8%	836 2.9%
More than 5	859 3.4%	671 2.6%	724 2.8%	493 1.8%	887 3.1%	631 2.2%	1,149 4.8%	665 2.0%	1,847 6.1%	1,622 5.3%	1,039 3.3%	1,156 3.7%	1,532 4.8%	362 1.3%
Total	25,628 100%	26,017 100%	25,967 100%	26,055 100%	28,947 100%	28,473 100%	28,831 100%	28,688 100%	28,265 100%	28,327 100%	28,319 100%	28,283 100%	28,054 100%	27,494 100%

Source: Equasis – Paris MoU, Tokyo MoU, IOMoU, USCG, VDM, Med MoU, Black Sea MoU, Abuja MoU- (*) All existing ship types in Equasis

Graph 104 - Total number of individual ships inspected^(*), by number of inspections per ship – 2007-2020



(*) Existing ship types in Equasis

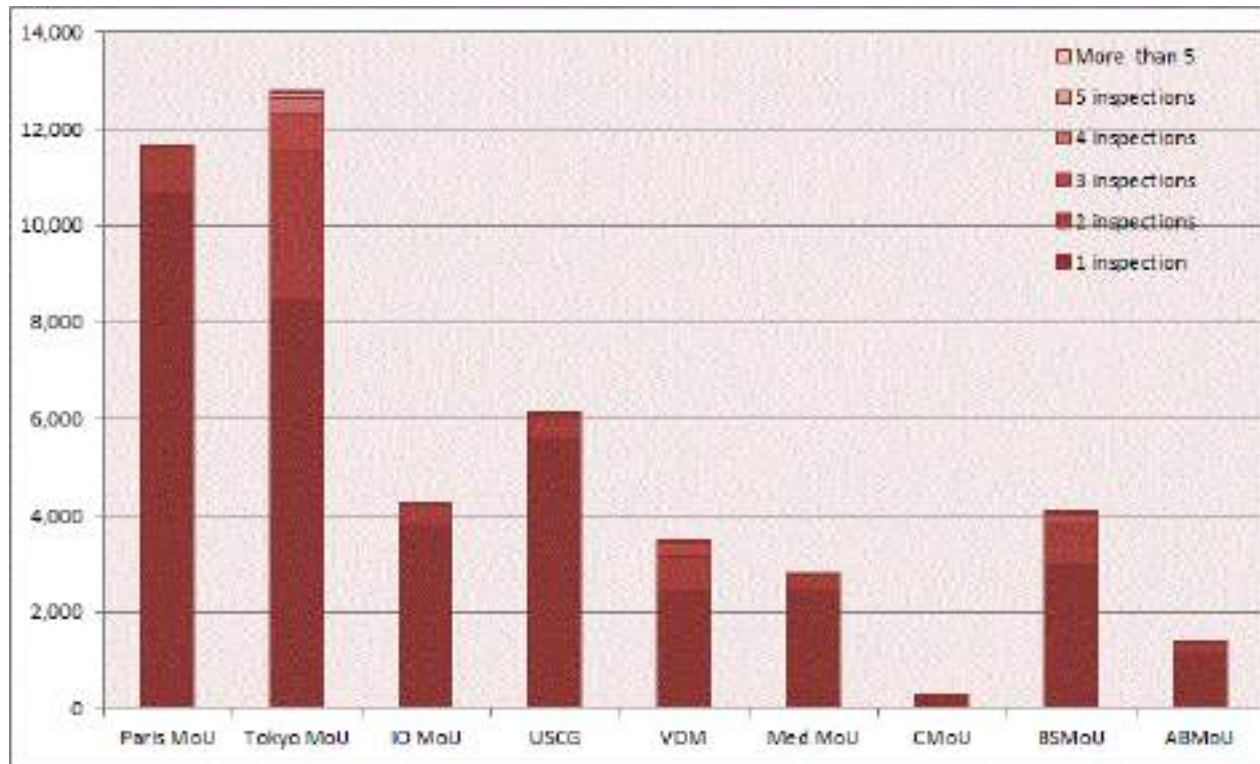
INSPECTION FREQUENCY BY PSC REGIONS (2020)

Table 114 - Total number of individual ships inspected^(*), by number of inspection per ship and by PSC region - 2020

Number of inspections per ship	Number of individual ships inspected																		Overall inspections	
	PMoU		TMoU		IOMoU		USCG		VdMoU		MedMoU		CMoU		BSMoU		ABMoU			
1	10,655	91.8%	8,447	66.1%	3,799	89.7%	5,572	91.2%	2,452	70.8%	2,439	88.0%	229	94.6%	3,002	73.8%	1,126	82.7%	12,114	44.1%
2	869	7.5%	3,050	23.9%	419	9.9%	456	7.5%	716	20.7%	307	11.1%	12	5.0%	766	18.8%	209	15.3%	7,952	28.9%
3	79	0.7%	819	6.4%	14	0.3%	54	0.9%	212	6.1%	25	0.9%	1	0.4%	199	4.9%	25	1.8%	4,289	15.0%
4	5	0.0%	326	2.5%	1	0.0%	18	0.3%	55	1.6%	0	0.0%	0	0.0%	63	1.5%	2	0.1%	1,971	7.2%
5	1	0.0%	115	0.9%	0	0.0%	6	0.1%	17	0.5%	0	0.0%	0	0.0%	28	0.7%	0	0.0%	806	2.9%
More than 5	0	0.0%	30	0.2%	0	0.0%	3	0.0%	13	0.4%	0	0.0%	0	0.0%	12	0.3%	0	0.0%	362	1.3%
Total	11,609	100%	12,787	100%	4,233	100%	6,109	100%	3,465	100%	2,771	100%	242	100%	4,070	100%	1,362	100%	27,494	100%

Source: Equasis – Paris MoU, Tokyo MoU, IOMoU, US Coast Guard, VDM, Med MoU, Caribbean MoU, Black Sea MoU, Abuja MoU - ^(*)All existing ship types in Equasis

Graph 105 - Total number of individual ships inspected^(*), by number of inspection per ship and PSC region - 2020



^(*) All existing ship types in Equasis

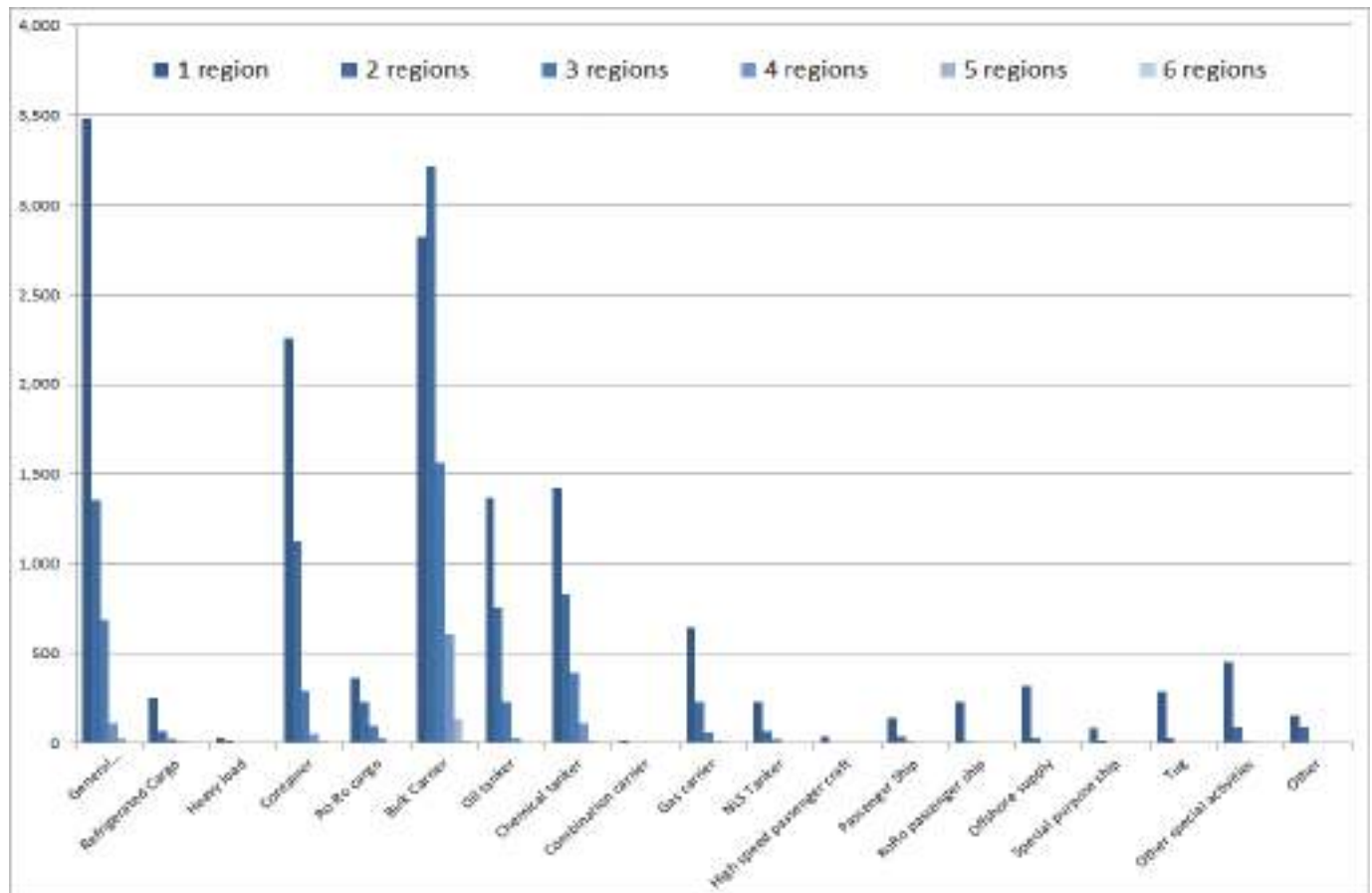
INSPECTIONS IN MORE THAN ONE REGION (2020)

Table 115 - Total number of individual ships inspected per number of PSC regions

Ship Type	Number of ships inspected											
	1 Region		2 Regions		3 Regions		4 Regions		5 Regions		6 Regions	
General cargo/Multipurpose	3,478	23.9%	1,354	16.5%	684	20.1%	110	11.1%	29	14.1%	2	8.7%
Refrigerated Cargo	252	1.7%	63	0.8%	26	0.8%	15	1.5%	6	2.9%	0	0.0%
Heavy load	30	0.2%	17	0.2%	6	0.2%	2	0.2%	1	0.5%	0	0.0%
Container	2,253	15.5%	1,125	13.7%	293	8.6%	52	5.3%	11	5.4%	0	0.0%
Ro-Ro cargo	363	2.5%	232	2.8%	98	2.9%	34	3.4%	7	3.4%	1	4.3%
Bulk Carrier	2,825	19.4%	3,212	39.2%	1,558	45.9%	608	61.4%	129	62.9%	19	82.6%
Oil tanker	1,366	9.4%	750	9.2%	231	6.8%	33	3.3%	2	1.0%	0	0.0%
Chemical tanker	1,419	9.7%	826	10.1%	394	11.6%	112	11.3%	19	9.3%	1	4.3%
Combination carrier	20	0.1%	6	0.1%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Gas carrier	649	4.5%	230	2.8%	57	1.7%	14	1.4%	0	0.0%	0	0.0%
NLS Tanker	233	1.6%	63	0.8%	24	0.7%	4	0.4%	0	0.0%	0	0.0%
High speed passenger craft	37	0.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Passenger Ship	136	0.9%	40	0.5%	10	0.3%	2	0.2%	0	0.0%	0	0.0%
RoRo passenger ship	232	1.6%	14	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Offshore supply	316	2.2%	29	0.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Special purpose ship	84	0.6%	18	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Tug	283	1.9%	33	0.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other special activities	453	3.1%	89	1.1%	14	0.4%	1	0.1%	0	0.0%	0	0.0%
Other	149	1.0%	89	1.1%	0	0.0%	3	0.3%	1	0.5%	0	0.0%
Total	14,578	100%	8,190	100%	3,396	100%	999	100%	205	100%	23	100%

Source: Equasis – Paris MoU, Tokyo MoU, IO MoU, USCG, VDM, Med MoU, Caribbean MoU, Black Sea MoU, Abuja MoU

Graph 106 - Ships inspected per number of PSC regions, by type



5.2. SHIPS INSPECTED BETWEEN 2018 AND 2020 – BY AGE

WHOLE FLEET GT≥500

Table 116 - Total number of ships GT≥500 with and without inspections, by PSC type and age

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages						
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected					
General cargo/Multipurpose	870	431	49.3%	4,022	2,400	60.9%	2,467	1,600	67.3%	5,429	2,143	39.3%	12,788	6,934	52.3%
Refrigerated Carpa	102	22	21.6%	91	23	25.3%	143	95	66.4%	1,016	381	37.5%	1,252	523	41.4%
Heavy load	18	0	0.0%	57	43	75.4%	20	19	95.0%	29	24	82.8%	122	94	77.0%
Container	694	458	67.8%	2,478	2,282	92.2%	1,703	1,497	88.0%	245	199	81.2%	5,215	4,446	85.3%
Ro-Ro cargo	110	66	60.0%	454	428	94.3%	333	276	82.6%	265	123	46.4%	1,177	902	76.6%
Bulk Carrier	1,674	1,259	75.8%	7,058	6,493	92.0%	1,920	1,735	90.1%	438	281	64.2%	11,117	9,780	88.0%
Oil tanker	1,059	535	50.5%	3,171	1,983	62.5%	1,770	1,151	65.0%	2,007	170	8.5%	8,007	3,839	47.9%
Chemical tanker	709	529	74.6%	2,230	1,864	83.6%	1,119	917	81.9%	561	132	23.5%	4,619	3,442	74.5%
Combination carrier	4	4	100.0%	15	12	80.0%	16	16	100.0%	28	6	21.4%	63	38	60.3%
Gas carrier	349	218	62.5%	883	771	87.3%	584	294	50.3%	361	142	39.3%	1,977	1,425	72.1%
M.S Tanker	116	116	100.0%	191	191	100.0%	116	116	100.0%	16	7	43.8%	439	430	97.9%
High speed passenger craft	5	5	100.0%	7	7	100.0%	27	27	100.0%	10	10	100.0%	49	49	100.0%
Passenger ship	222	73	32.9%	399	164	41.1%	373	158	42.1%	551	128	23.2%	1,547	521	33.7%
RoRo passenger ship	285	30	10.5%	302	60	20.0%	456	107	23.5%	1,071	182	17.0%	2,313	379	16.4%
Offshore supply	349	72	20.6%	2,515	564	22.4%	744	154	20.7%	1,045	80	7.7%	4,653	870	18.7%
Special purpose ship	40	22	55.0%	138	63	45.7%	63	37	58.7%	303	57	18.8%	544	210	38.6%
Tug	94	11	11.7%	327	90	27.5%	123	25	20.0%	666	34	5.1%	1,013	180	17.8%
Other special activities	485	143	29.5%	1,385	433	31.3%	606	177	29.2%	1,665	354	21.2%	3,982	1,037	26.1%
Other	750	24	3.2%	1,044	123	11.8%	623	80	12.8%	3,030	152	5.0%	5,647	379	6.7%
Total	7,935	4,447	51%	28,475	18,688	67%	13,215	8,541	65%	18,956	4,512	24%	66,625	35,148	53%

Table 117 - Gross tonnage (in 1000 gt) of ships GT≥500 with and without inspections, by PSC type and age

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages						
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected					
General cargo/Multipurpose	11,219	9,311	83.0%	29,911	25,863	86.5%	15,809	13,474	85.2%	12,240	8,452	68.7%	72,179	57,103	79.1%
Refrigerated Carpa	587	305	52.0%	458	208	45.4%	957	821	85.8%	4,081	2,124	52.0%	5,064	2,466	48.7%
Heavy load	408	194	47.6%	1,298	993	76.5%	403	400	99.3%	828	767	92.6%	2,927	2,351	80.3%
Container	48,553	40,580	83.6%	180,300	135,972	75.4%	57,689	54,292	94.1%	5,299	4,059	76.6%	252,160	135,903	53.9%
Ro-Ro cargo	4,736	2,885	61.0%	22,960	22,503	98.0%	11,495	10,951	95.3%	2,456	1,681	68.4%	41,637	39,039	93.8%
Bulk Carrier	87,834	65,754	74.9%	308,209	294,458	95.5%	70,348	64,627	91.9%	10,443	6,390	61.2%	476,835	431,269	90.4%
Oil tanker	58,349	39,630	67.9%	138,660	124,689	89.9%	84,070	64,855	77.1%	10,173	1,407	13.8%	291,252	230,581	79.2%
Chemical tanker	12,959	10,516	81.2%	35,202	32,228	91.6%	14,593	13,117	90.0%	2,000	786	39.3%	64,753	56,647	87.5%
Combination carrier	137	137	100.0%	220	209	94.5%	353	353	100.0%	78	17	21.3%	789	717	90.8%
Gas carrier	21,177	13,707	64.7%	40,229	38,488	95.7%	14,456	12,291	85.1%	5,163	3,442	66.7%	81,025	59,927	73.9%
M.S Tanker	8,809	8,809	100.0%	9,923	9,923	100.0%	5,154	5,154	100.0%	179	169	94.4%	24,086	24,036	100.0%
High speed passenger craft	29	29	100.0%	48	48	100.0%	117	117	100.0%	37	37	100.0%	232	232	100.0%
Passenger ship	5,940	4,353	73.3%	8,370	7,639	91.3%	8,002	7,549	94.3%	3,146	2,429	77.2%	25,499	22,471	88.2%
RoRo passenger ship	1,929	380	19.7%	4,039	1,897	46.7%	4,926	2,924	59.4%	8,335	3,088	37.1%	17,430	6,987	40.1%
Offshore supply	1,760	412	23.4%	8,254	2,234	27.1%	1,934	532	27.5%	1,991	213	10.7%	13,929	2,480	17.8%
Special purpose ship	330	102	30.9%	1,804	1,409	78.1%	677	253	37.4%	1,236	263	21.3%	4,047	2,296	56.7%
Tug	118	11	9.3%	320	193	60.3%	128	45	35.2%	621	39	6.3%	1,088	218	20.0%
Other special activities	43,235	8,675	19.8%	16,784	7,196	42.9%	9,200	2,503	27.2%	48,750	1,747	3.6%	53,984	19,516	36.2%
Other	1,762	318	18.0%	4,899	3,274	66.8%	3,219	1,995	62.0%	4,297	1,154	26.9%	14,176	6,741	47.6%
Total	275,852	208,948	75%	771,914	718,596	92%	393,808	236,383	60%	88,435	38,781	44%	1,444,862	1,215,088	84%

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



Graph 108 - Proportion of gross tonnage inspected ships GT≥500, by age



MEDIUM SIZED SHIPS

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

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages	
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	717	255 39.7%	3,050	2,258 90.0%	2,304	1,333 68.1%	2,387	2,101 99.0%	12,268	6,199 50.4%
Refrigerated Cargo	101	22 21.8%	91	33 38.5%	141	93 68.0%	1,013	381 37.6%	1,346	531 39.5%
Heavy load	9	4 44.4%	43	31 72.0%	14	13 92.0%	8	4 50.0%	73	52 71.2%
Container	277	143 51.6%	818	583 82.5%	785	652 82.0%	270	125 50.0%	2,160	1,632 74.7%
Ro-Ro cargo	42	7 16.7%	73	36 50.0%	153	98 64.1%	252	119 47.2%	519	360 69.4%
Bulk Carrier	295	180 61.0%	1,884	1,604 85.1%	501	462 92.2%	273	178 65.2%	2,953	2,424 82.1%
Oil tanker	444	87 19.6%	1,503	445 29.6%	671	263 39.0%	1,923	155 8.1%	4,541	949 20.9%
Chemical tanker	413	291 70.5%	1,523	1,209 79.4%	686	704 79.5%	555	129 23.2%	3,377	2,333 69.1%
Combination carrier	2	2 100.0%	10	7 70.0%	12	12 100.0%	28	6 21.4%	52	27 51.9%
Gas carrier	127	50 39.4%	448	350 78.1%	223	154 69.1%	301	100 33.2%	1,099	654 59.5%
M.S Tanker	30	30 100.0%	88	88 100.0%	42	42 100.0%	13	4 30.8%	143	134 93.7%
High speed passenger craft	5	5 100.0%	7	7 100.0%	27	27 100.0%	10	10 100.0%	49	49 100.0%
Passenger ship	179	38 21.2%	329	94 28.0%	284	68 23.9%	317	92 17.8%	1,309	292 22.3%
RoRo passenger ship	265	18 6.8%	448	17 3.8%	372	46 12.4%	1,002	121 12.1%	2,087	202 9.7%
Offshore supply	345	72 20.9%	2,505	563 22.5%	741	153 20.6%	1,039	79 7.6%	4,630	887 19.1%
Special purpose ship	30	23 59.0%	122	80 65.6%	59	35 59.2%	300	57 19.0%	520	195 37.5%
Tug	94	11 11.7%	327	90 27.5%	125	25 20.0%	686	34 7.3%	1,013	180 17.8%
Other special activities	362	57 15.7%	1,066	394 36.5%	517	143 27.5%	1,488	327 21.9%	3,461	770 22.2%
Other	740	20 2.7%	978	59 6.0%	780	43 5.5%	3,035	138 4.6%	5,513	260 4.7%
Total	4,476	1,335 30%	16,959	7,979 50%	8,697	4,588 53%	17,066	4,680 28%	47,132	17,971 38%

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

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages	
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	4,391	2,749 62.0%	22,190	18,544 82.1%	11,396	9,481 81.0%	13,013	7,020 50.9%	32,392	27,031 72.2%
Refrigerated Cargo	559	205 36.0%	458	208 45.0%	891	765 85.0%	2,948	1,124 38.0%	5,856	2,400 40.0%
Heavy load	87	46 52.9%	353	423 78.2%	147	143 97.2%	64	34 53.1%	652	557 77.1%
Container	2,850	2,304 59.8%	10,100	9,271 91.8%	6,383	8,084 86.2%	2,273	1,119 49.0%	25,605	20,978 81.9%
Ro-Ro cargo	481	90 19.3%	881	594 67.1%	2,004	1,590 79.0%	1,906	1,031 53.1%	5,173	3,309 64.0%
Bulk Carrier	5,518	4,019 72.8%	33,357	31,581 88.8%	7,923	7,490 94.5%	3,995	2,778 69.6%	52,993	45,868 86.6%
Oil tanker	2,114	642 30.4%	6,542	3,060 46.8%	4,930	3,038 61.6%	4,342	529 12.2%	17,928	7,369 40.5%
Chemical tanker	3,998	3,320 83.1%	14,226	12,805 90.0%	7,894	6,979 88.4%	1,819	686 37.8%	27,930	23,730 85.2%
Combination carrier	29	20 100.0%	76	64 85.2%	155	155 100.0%	78	17 21.3%	338	265 78.5%
Gas carrier	955	638 66.8%	3,561	3,188 89.5%	1,340	1,048 78.2%	959	544 56.7%	6,815	5,438 79.5%
M.S Tanker	245	245 100.0%	629	629 100.0%	389	389 100.0%	29	19 65.1%	1,273	1,293 99.2%
High speed passenger craft	29	29 100.0%	48	48 100.0%	117	117 100.0%	37	37 100.0%	232	232 100.0%
Passenger ship	546	247 43.2%	611	181 29.0%	563	193 34.1%	1,276	359 43.7%	3,000	1,179 39.3%
RoRo passenger ship	1,161	119 10.2%	2,034	213 10.6%	1,915	887 35.8%	4,256	1,372 36.9%	9,266	2,392 27.7%
Offshore supply	1,562	412 26.3%	7,891	2,208 28.2%	1,683	450 26.2%	1,286	158 9.9%	12,733	2,325 26.1%
Special purpose ship	301	102 62.9%	758	563 74.5%	362	263 80.0%	1,103	262 23.7%	2,542	1,380 50.4%
Tug	118	41 34.9%	420	193 45.8%	128	45 22.5%	621	39 4.3%	1,068	318 29.0%
Other special activities	1,431	311 21.7%	3,845	1,624 42.2%	1,573	698 44.0%	3,230	800 24.0%	10,178	3,432 33.7%
Other	1,215	118 9.7%	1,928	371 19.2%	1,287	280 21.8%	3,091	574 18.6%	8,120	1,344 16.6%
Total	28,992	15,759 55%	112,766	85,977 79%	54,302	41,078 77%	48,026	26,169 41%	244,428	163,721 67%

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



Graph 110 - Proportion of gross tonnage for medium sized inspected ships, by age



LARGE SHIPS

Table 120 - Total number of large ships with and without inspections, by PSC type and age

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages	
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	142	135 95.1%	178	176 100.0%	103	93 90.2%	42	42 100.0%	463	446 96.0%
Refrigerated Cargo	1	0 0.0%			2	2 100.0%	3	0 0.0%	6	2 33.3%
Heavy load	5	4 80.0%	11	10 90.0%	6	6 100.0%	21	20 95.2%	43	40 93.0%
Container	179	135 64.2%	781	724 92.7%	568	488 86.1%	64	53 82.8%	1,572	1,380 87.8%
Ro-Ro cargo	17	13 76.5%	250	245 98.0%	160	140 87.5%	13	13 100.0%	419	410 97.9%
Bulk Carrier	1,030	850 82.5%	3,922	3,645 92.9%	1,203	1,052 87.4%	180	99 55.0%	6,335	5,646 89.1%
Oil tanker	84	64 76.2%	677	616 91.0%	613	503 82.0%	51	11 21.6%	1,423	1,194 83.9%
Chemical tanker	296	238 80.4%	707	655 92.6%	233	213 91.4%	6	3 50.0%	1,242	1,109 89.3%
Combination carrier	2	2 100.0%	5	5 100.0%	2	2 100.0%			9	9 100.0%
Gas carrier	77	65 84.4%	167	163 97.6%	57	51 89.5%	32	23 71.9%	253	232 91.2%
NLS Tanker	45	45 100.0%	55	55 100.0%	49	49 100.0%	2	2 100.0%	159	159 100.0%
High speed passenger craft										
Passenger ship	11	9 81.8%	9	9 100.0%	17	17 100.0%	23	23 100.0%	60	36 60.0%
RoRo passenger ship	21	12 57.1%	49	38 77.6%	83	60 72.3%	69	61 88.4%	222	171 77.0%
Offshore supply	2	0 0.0%	9	1 11.1%	1	0 0.0%	2	1 50.0%	15	2 13.3%
Special purpose ship	1	0 0.0%	14	11 78.6%	2	2 100.0%	2	0 0.0%	19	12 63.2%
Tug										
Other special activities	60	46 76.7%	112	83 74.1%	63	31 49.2%	34	13 38.2%	254	171 67.3%
Other	5	3 60.0%	63	61 96.8%	37	31 83.8%	15	14 93.3%	120	109 90.8%
Total	1,976	1,857 81%	7,937	6,927 87%	3,137	2,742 87%	584	377 65%	12,714	11,243 89%

Table 121 - Gross tonnage (in 1000 gt) of large ships with and without inspections, by PSC type and age

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages	
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	5,612	3,349 59.5%	6,013	6,013 100.0%	5,463	3,269 59.7%	1,423	1,423 100.0%	16,533	10,046 60.8%
Refrigerated Cargo	38	0 0.0%			68	68 100.0%	114	0 0.0%	200	68 34.0%
Heavy load	187	146 78.1%	440	282 64.1%	256	256 100.0%	764	722 94.5%	1,647	1,510 91.6%
Container	5,695	3,701 65.0%	21,378	20,879 97.6%	16,751	17,685 105.6%	2,345	1,959 83.6%	59,069	52,032 88.1%
Ro-Ro cargo	692	371 53.6%	12,163	11,960 98.3%	6,919	6,919 100.0%	577	577 100.0%	30,351	20,059 66.1%
Bulk Carrier	40,147	32,910 82.0%	148,056	139,040 93.9%	42,292	37,095 87.7%	5,948	3,167 53.3%	236,434	212,212 90.0%
Oil tanker	3,266	2,526 77.3%	26,956	24,567 91.1%	25,253	20,914 82.8%	2,155	360 16.7%	57,630	48,395 84.0%
Chemical tanker	8,963	7,196 80.3%	20,976	19,423 92.6%	6,599	6,138 93.0%	185	101 54.6%	36,823	32,857 89.2%
Combination carrier	108	108 100.0%	145	145 100.0%	56	56 100.0%			309	309 100.0%
Gas carrier	3,206	2,662 83.0%	8,341	8,193 98.2%	2,442	2,161 88.5%	1,379	986 71.5%	15,368	14,001 91.1%
NLS Tanker	1,620	1,620 100.0%	2,473	2,473 100.0%	1,619	1,619 100.0%	71	71 100.0%	5,983	5,983 100.0%
High speed passenger craft										
Passenger ship	535	429 80.2%	373	373 100.0%	593	593 100.0%	1,045	1,045 100.0%	2,547	2,441 95.8%
RoRo passenger ship	768	441 57.4%	1,094	1,051 96.1%	2,836	2,163 76.3%	2,279	2,034 89.2%	7,678	5,869 76.3%
Offshore supply	55	0 0.0%	302	26 8.6%	34	0 0.0%	141	58 41.2%	502	82 16.3%
Special purpose ship	38	0 0.0%	543	420 77.4%	90	90 100.0%	69	0 0.0%	730	510 69.9%
Tug										
Other special activities	2,645	1,985 75.0%	3,132	2,697 86.1%	1,624	1,257 77.4%	1,706	469 27.5%	11,207	7,308 65.2%
Other	207	136 65.7%	2,781	2,722 97.9%	1,561	1,344 86.1%	606	560 92.4%	5,164	4,782 92.6%
Total	73,768	59,683 81%	267,673	245,696 92%	116,672	101,617 87%	20,080	13,589 68%	478,513	424,584 89%

Graph 111 - Proportion of large inspected ships, by age



Graph 112 - Proportion of gross tonnage for large inspected ships, by age



VERY LARGE SHIPS

Table 122 - Total number of very large ships with and without inspections, by age and size

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages	
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	11	11 100.0%	10	10 100.0%	10	10 100.0%			37	37 100.0%
Refrigerated Cargo										
Heavy load	2	0.0%	4	2 50.0%					6	2 33.3%
Container	238	210 88.2%	875	875 100.0%	359	257 99.4%	11	11 100.0%	1,483	1,452 98.0%
Ro-Ro cargo	51	46 90.2%	147	147 100.0%	68	38 95.0%	1	1 100.0%	229	212 97.1%
Bulk Carrier	349	239 69.5%	1,253	1,248 99.4%	222	221 99.5%	5	4 80.0%	1,829	1,710 93.5%
Oil tanker	531	384 72.3%	981	922 95.0%	488	386 79.1%	33	4 12.1%	2,043	1,696 83.0%
Chemical tanker										
Combination carrier					2	2 100.0%			2	2 100.0%
Gas carrier	145	103 71.0%	248	238 95.0%	104	89 85.6%	28	19 67.9%	525	449 85.5%
NLS Tanker	35	35 100.0%	58	58 100.0%	25	25 100.0%	1	1 100.0%	119	117 100.0%
High speed passenger craft										
Passenger ship	32	26 81.3%	61	61 100.0%	74	73 98.6%	11	11 100.0%	178	171 96.1%
Rofa passenger ship			5	5 100.0%	1	1 100.0%			6	6 100.0%
Offshore supply	2	0.0%	1	0.0%	2	1 50.0%	2	0.0%	7	1 14.3%
Special purpose ship			2	2 100.0%	2	0.0%	1	0.0%	5	2 40.0%
Tug										
Other special activities	64	42 65.6%	79	46 58.2%	66	4 6.1%	78	4 5.1%	267	56 21.0%
Other	5	1 20.0%	3	3 100.0%	6	6 100.0%			14	10 71.4%
Total	1,483	1,135 75%	3,743	3,591 96%	1,381	1,213 88%	172	55 32%	6,779	5,974 88%

Table 123 - Gross tonnage (in 1000 gt) of very large ships with and without inspections, by age and size

PSC Ship Type	0-4 years		5-14 years		15-24 years		25+ years		All Ages	
	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	1,212	1,212 100.0%	1,308	1,308 100.0%	732	732 100.0%			3,253	3,253 100.0%
Refrigerated Cargo										
Heavy load	134	0.0%	304	176 57.9%					438	176 40.2%
Container	29,008	24,575 84.8%	98,823	98,823 100.0%	28,856	28,722 99.5%	780	780 100.0%	167,467	162,901 97.3%
Ro-Ro cargo	2,549	2,320 90.7%	9,917	9,917 100.0%	2,373	2,612 110.1%	72	72 100.0%	15,311	15,551 101.5%
Bulk Carrier	42,169	28,850 68.4%	124,596	123,837 99.4%	20,133	20,042 99.5%	509	443 87.4%	187,408	173,189 92.4%
Oil tanker	52,969	36,462 68.9%	105,162	97,062 92.3%	53,887	40,904 75.9%	3,674	489 13.3%	215,694	174,917 81.1%
Chemical tanker										
Combination carrier					142	142 100.0%			142	142 100.0%
Gas carrier	17,016	12,408 72.9%	28,327	27,107 95.7%	10,673	9,081 85.1%	2,825	1,912 67.7%	58,842	50,509 85.8%
NLS Tanker	6,944	6,944 100.0%	6,821	6,821 100.0%	2,986	2,986 100.0%	80	80 100.0%	16,810	16,810 100.0%
High speed passenger craft										
Passenger ship	4,859	3,878 79.8%	7,386	7,386 100.0%	6,543	6,762 96.8%	825	823 100.0%	19,613	18,851 94.7%
Rofa passenger ship			331	331 100.0%	75	75 100.0%			406	406 100.0%
Offshore supply	142	0.0%	50	0.0%	206	82 40.1%	284	0.0%	672	82 12.2%
Special purpose ship			505	505 100.0%	206	0.0%	64	0.0%	775	505 65.2%
Tug										
Other special activities	9,149	5,879 64.3%	7,912	4,876 61.6%	5,624	548 9.7%	9,715	479 4.9%	32,399	8,776 27.0%
Other	340	63 18.6%	181	181 100.0%	371	371 100.0%			892	615 69.0%
Total	177,493	133,906 75%	391,535	375,324 96%	133,487	122,673 92%	16,089	5,863 37%	721,322	626,784 87%

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



Graph 114 - Proportion of gross tonnage for very large inspected ships, by age



5.3. SHIPS INSPECTED BETWEEN 2018 AND 2020 – BY P&I

WHOLE FLEET GT≥500

Table 124 - Total number of ships GT≥500 with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I		All Status				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	4,426	3,827	86.4%	8,390	1,857	34.2%	12,788	6,684	52.3%
Refrigerated Cargo	486	275	56.6%	590	258	43.7%	1,076	533	49.5%
Heavy load	90	89	98.9%	24	8	33.3%	114	97	85.1%
Container	4,603	4,259	92.5%	612	188	30.7%	5,215	4,448	85.3%
Ro-Ro cargo	870	818	94.0%	307	88	28.6%	1,177	906	76.9%
Bulk Carrier	9,786	9,240	94.4%	1,351	540	40.0%	11,137	9,780	87.8%
Oil tanker	4,881	3,448	70.6%	1,128	291	25.8%	6,009	3,739	62.2%
Chemical tanker	3,713	3,221	86.7%	904	221	24.4%	4,617	3,442	74.6%
Combination carrier	34	31	91.2%	29	7	24.1%	63	38	60.3%
Gas carrier	1,947	1,321	67.9%	430	104	24.2%	2,377	1,425	60.0%
NLS Tanker	409	409	100.0%	30	21	70.0%	439	430	97.9%
High speed passenger craft	36	36	100.0%	18	18	100.0%	54	54	100.0%
Passenger ship	729	399	54.7%	818	123	14.9%	1,547	522	33.8%
Roko passenger ship	747	320	42.8%	1,968	89	4.5%	2,715	379	14.0%
Offshore supply	2,881	722	25.1%	1,821	148	8.1%	4,702	870	18.5%
Special purpose ship	344	163	47.4%	330	47	14.2%	674	210	31.2%
Tug	493	127	25.8%	519	33	6.4%	1,012	160	15.8%
Other special activities	1,429	752	52.7%	2,552	286	11.2%	3,981	1,038	26.1%
Other	1,022	340	33.3%	4,625	138	3.0%	5,647	378	6.7%
Total	38,369	29,453	77%	49,256	5,535	11%	87,625	35,188	40%

Table 125 - Gross tonnage (in 1000 gt) of ships GT≥500 with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I		All Status				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	48,326	45,850	94.9%	23,059	11,245	48.8%	71,385	57,101	79.9%
Refrigerated Cargo	2,964	2,175	73.4%	3,160	1,291	40.8%	6,124	3,466	56.6%
Heavy load	2,501	2,273	90.9%	436	79	18.1%	2,937	2,351	80.1%
Container	243,913	232,374	95.3%	8,216	2,929	35.8%	252,129	235,303	93.3%
Ro-Ro cargo	38,967	37,377	95.9%	2,670	1,042	39.0%	41,637	38,419	92.3%
Bulk Carrier	448,898	426,381	95.0%	28,236	10,898	38.6%	477,134	437,279	91.7%
Oil tanker	299,688	215,710	72.0%	31,966	14,871	46.5%	331,654	230,581	69.5%
Chemical tanker	80,748	64,804	80.3%	4,009	1,843	46.0%	84,757	66,647	78.6%
Combination carrier	688	675	98.1%	103	42	40.8%	791	717	90.6%
Gas carrier	78,538	68,647	87.4%	2,086	1,281	61.4%	80,624	69,927	86.7%
NLS Tanker	23,182	23,182	100.0%	904	896	99.1%	24,086	24,078	100.0%
High speed passenger craft	197	197	100.0%	38	38	100.0%	235	235	100.0%
Passenger ship	23,828	12,990	54.5%	1,818	381	21.0%	25,646	13,371	52.1%
Roko passenger ship	11,822	8,418	71.2%	8,818	572	6.5%	20,640	8,990	43.5%
Offshore supply	10,422	3,170	30.4%	3,817	321	8.4%	14,239	3,491	24.5%
Special purpose ship	2,922	2,378	81.4%	1,128	220	19.5%	4,050	2,598	64.1%
Tug	623	284	45.6%	477	34	7.1%	1,100	318	29.0%
Other special activities	40,713	17,937	44.0%	13,272	1,579	11.9%	53,985	19,516	36.2%
Other	7,824	5,816	74.3%	6,242	926	14.8%	14,066	6,742	47.9%
Total	1,386,175	1,104,619	79%	112,887	16,470	15%	1,499,062	1,121,089	75%

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



Graph 116 - Proportion of gross tonnage for inspected ships GT≥500, by P&I status



MEDIUM SHIPS

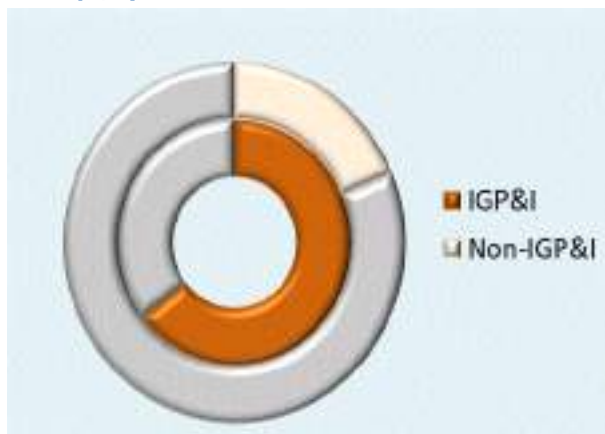
Table 126 - Total number of medium sized ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I		All Status				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	2,944	1,390	94.9%	8,244	2,049	24.1%	12,288	6,190	50.4%
Refrigerated Cargo	464	273	58.8%	682	258	37.8%	1,346	931	69.2%
Heavy load	84	47	56.0%	19	9	47.4%	78	52	66.7%
Container	1,650	1,456	88.2%	510	157	30.8%	2,160	1,613	74.7%
Ro-Ro cargo	223	182	81.6%	296	76	25.7%	519	260	50.1%
Bulk Carrier	2,355	2,085	88.5%	795	359	45.1%	2,953	2,424	82.1%
Oil tanker	1,678	710	42.3%	2,063	233	11.3%	4,541	949	20.9%
Chemical tanker	2,502	2,133	85.2%	674	206	30.6%	3,377	2,335	69.1%
Combination carrier	33	30	90.9%	29	7	24.1%	62	27	43.5%
Gas carrier	693	560	80.8%	406	86	21.2%	1,099	654	59.5%
L&S Tanker	123	123	100.0%	20	11	55.0%	143	134	93.7%
High speed passenger craft	26	26	100.0%	13	13	100.0%	49	49	100.0%
Passenger ship	493	172	34.9%	814	120	14.7%	1,307	292	22.3%
RoRo passenger ship	833	549	65.9%	1,554	83	5.3%	2,387	262	10.9%
Offshore supply	2,832	719	25.4%	1,618	148	9.1%	4,430	867	19.6%
Special purpose ship	224	149	66.5%	296	46	15.5%	520	195	37.5%
Tug	493	127	25.8%	519	33	6.4%	1,012	160	15.8%
Other special activities	1,003	487	48.6%	2,450	203	8.3%	3,453	770	22.3%
Other	904	131	14.5%	4,609	129	2.8%	5,513	260	4.7%
Total	20,668	12,983	62.9%	37,124	5,668	15.3%	47,132	17,971	38.1%

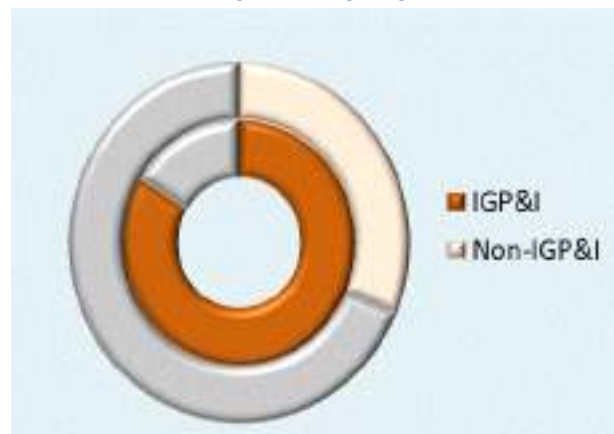
Table 127 - Gross tonnage (in 1000 gt) of medium sized ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I		All Status				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	29,088	16,811	57.8%	23,264	10,990	47.0%	52,352	27,901	53.3%
Refrigerated Cargo	2,838	2,109	74.3%	3,018	1,291	42.8%	5,856	3,400	58.1%
Heavy load	886	618	69.8%	197	39	19.8%	882	657	74.5%
Container	21,753	19,637	90.3%	3,652	1,340	36.7%	25,405	20,977	82.6%
Ro-Ro cargo	3,123	2,793	89.4%	2,098	594	28.3%	5,178	3,387	65.4%
Bulk Carrier	42,483	40,929	96.3%	10,510	4,940	47.0%	52,993	45,869	86.6%
Oil tanker	16,188	6,165	38.1%	7,746	1,103	14.2%	23,934	7,269	30.4%
Chemical tanker	24,801	22,567	91.0%	3,129	1,223	39.1%	27,930	23,790	85.2%
Combination carrier	335	223	66.3%	102	42	40.6%	336	265	78.8%
Gas carrier	5,803	4,897	84.4%	563	421	74.8%	6,366	5,418	85.0%
L&S Tanker	1,381	1,381	100.0%	72	62	86.1%	1,373	1,263	91.7%
High speed passenger craft	197	197	100.0%	16	16	100.0%	332	332	100.0%
Passenger ship	1,449	882	60.9%	1,661	297	17.8%	3,110	1,179	37.9%
RoRo passenger ship	3,991	2,200	55.1%	8,379	393	4.7%	9,368	2,993	32.0%
Offshore supply	8,314	3,003	36.1%	3,419	321	9.4%	12,733	3,325	26.1%
Special purpose ship	1,585	1,057	66.8%	967	193	19.9%	2,542	1,280	50.4%
Tug	622	284	45.7%	477	34	7.1%	1,099	318	28.9%
Other special activities	4,418	2,640	59.8%	5,768	787	13.7%	10,178	3,432	33.7%
Other	2,415	834	34.5%	5,705	110	1.9%	6,120	1,344	21.9%
Total	166,049	110,045	66.3%	28,368	24,524	86.5%	244,428	163,721	67.0%

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



Graph 118 - Proportion of gross tonnage for medium sized inspected ships, by P&I status



LARGE SHIPS

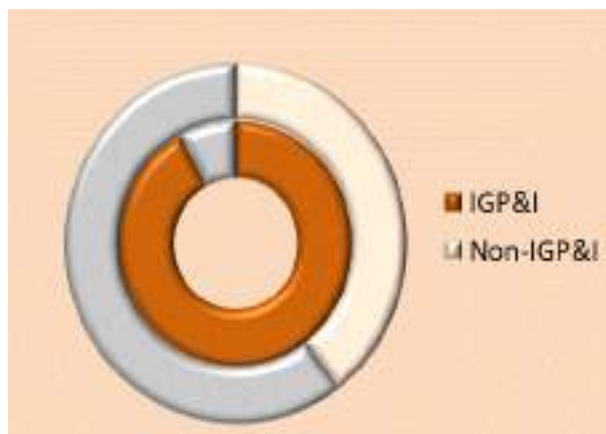
Table 128 - Total number of large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I		All Status	
	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	447	440 98.4%	16	8 50.0%	463	448 96.8%
Refrigerated Cargo	2	2 100.0%	4	0 0.0%	6	2 33.3%
Heavy load	43	39 90.7%	2	1 50.0%	45	40 88.9%
Container	1,482	1,357 91.6%	91	23 25.3%	1,572	1,380 87.8%
Ro-Ro cargo	422	394 93.3%	5	6 120.0%	427	400 93.7%
Bulk Carrier	5,867	5,485 93.5%	525	186 35.4%	6,392	5,671 88.7%
Oil tanker	1,234	1,125 91.2%	109	68 62.4%	1,423	1,193 83.9%
Chemical tanker	1,212	1,055 87.0%	30	21 70.0%	1,242	1,076 86.7%
Combination carrier	9	9 100.0%			9	9 100.0%
Gas carrier	130	125 96.2%	23	17 73.9%	153	142 92.8%
M&L Tanker	153	153 100.0%	6	6 100.0%	159	159 100.0%
High speed passenger craft						
Passenger ship	88	86 96.7%	2	2 100.0%	90	88 97.8%
Ro-Ro passenger ship	258	149 57.7%	14	6 42.9%	272	155 56.9%
Offshore supply	12	2 16.7%	3	0 0.0%	15	2 13.3%
Special purpose ship	28	12 42.9%	4	1 25.0%	32	13 40.6%
Tag						
Other special activities	216	165 76.4%	30	8 26.7%	246	173 70.3%
Other	105	99 94.3%	15	10 66.7%	120	109 90.8%
Total	11,824	10,888 92.1%	693	355 51.2%	12,517	11,243 90.6%

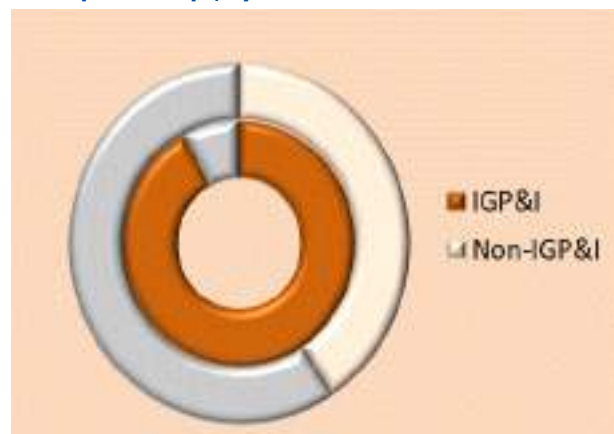
Table 129 - Gross tonnage (in 1000 gt) of large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I		Non IGP&I		All Status	
	Global	Inspected	Global	Inspected	Global	Inspected
General cargo/Multipurpose	16,059	15,792 98.4%	475	254 53.5%	16,534	16,046 97.1%
Refrigerated Cargo	86	86 100.0%	143	0 0.0%	229	86 37.6%
Heavy load	1,868	1,478 79.1%	79	40 50.6%	1,947	1,518 77.9%
Container	55,985	51,223 91.5%	3,083	800 26.0%	59,068	52,023 88.1%
Ro-Ro cargo	15,943	15,716 98.6%	468	344 73.5%	16,411	16,060 97.9%
Bulk Carrier	235,193	206,358 87.7%	17,241	5,854 34.0%	252,434	212,212 84.1%
Oil tanker	52,832	48,405 91.6%	4,798	2,990 62.3%	57,630	51,395 89.2%
Chemical tanker	15,943	12,237 76.8%	886	620 70.0%	16,829	12,857 76.4%
Combination carrier	309	309 100.0%			309	309 100.0%
Gas carrier	14,338	13,325 92.9%	1,030	765 74.3%	15,368	14,090 91.7%
M&L Tanker	5,782	5,782 100.0%	281	281 100.0%	6,063	6,063 100.0%
High speed passenger craft						
Passenger ship	2,443	2,387 97.7%	83	83 100.0%	2,526	2,470 97.8%
Ro-Ro passenger ship	7,226	5,810 80.4%	462	178 38.5%	7,688	5,988 77.8%
Offshore supply	435	82 18.8%	97	0 0.0%	532	82 15.4%
Special purpose ship	592	483 81.6%	117	27 23.1%	709	510 72.1%
Tag						
Other special activities	8,532	7,104 83.3%	1,778	204 11.5%	10,310	7,308 70.8%
Other	4,582	4,367 95.3%	572	415 72.5%	5,154	4,782 92.8%
Total	486,278	411,727 84.7%	31,535	12,857 40.8%	517,813	424,584 82.0%

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



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



VERY LARGE SHIPS

Table 130 - Total number of very large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	37	37	100.0%				37	37	100.0%
Refrigerated Cargo									
Heavy load	3	2	66.7%	3	0	0.0%	6	2	33.3%
Container	1,472	1,445	98.2%	11	8	72.7%	1,483	1,453	98.0%
Ro-Ro cargo	238	230	97.0%	3	2	66.7%	239	232	97.1%
Bulk Carrier	1,824	1,723	95.0%	5	1	20.0%	1,829	1,710	93.5%
Oil tanker	1,585	1,505	95.0%	154	90	58.4%	2,043	1,595	78.0%
Chemical tanker									
Combination carrier	2	2	100.0%				2	2	100.0%
Gas carrier	524	440	84.0%	1	1	100.0%	525	449	85.5%
MLC Tanker	133	133	100.0%	4	4	100.0%	137	137	100.0%
High speed passenger craft									
Passenger ship	178	171	96.1%				178	171	96.1%
RoRo passenger ship	6	6	100.0%				6	6	100.0%
Offshore supply	8	1	12.5%				8	1	12.5%
Special purpose ship	8	2	40.0%				8	2	40.0%
Tag									
Other special activities	210	60	28.6%	57	8	14.0%	267	68	25.5%
Other	13	10	76.9%	1	0	0.0%	14	10	71.4%
Total	6,548	5,862	89%	229	113	49%	6,779	5,976	88%

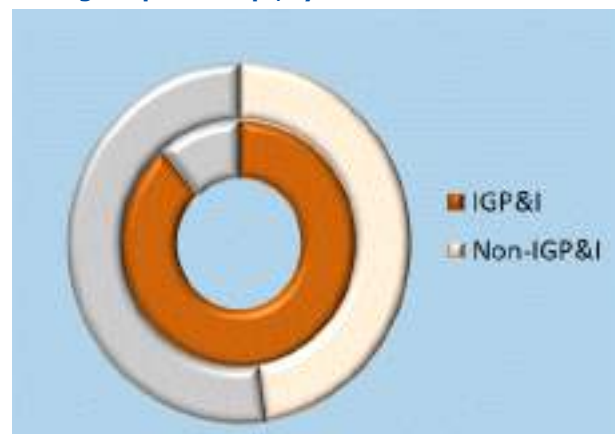
Table 131 - Gross tonnage (in 1000 gt) of very large ships with and without inspections, by PSC type and P&I status

PSC Ship Type	IGP&I			Non IGP&I			All Status		
	Global	Inspected		Global	Inspected		Global	Inspected	
General cargo/Multipurpose	3,253	3,253	100.0%				3,253	3,253	100.0%
Refrigerated Cargo									
Heavy load	337	176	52.2%	293	0	0.0%	630	176	28.0%
Container	166,174	162,113	97.5%	1,293	789	61.0%	167,467	162,901	97.3%
Ro-Ro cargo	15,895	15,505	97.5%	212	145	68.4%	16,107	15,650	97.2%
Bulk Carrier	186,923	173,295	92.7%	485	93	19.2%	187,408	173,388	92.5%
Oil tanker	196,865	164,139	83.4%	18,828	10,770	57.2%	215,693	174,909	81.1%
Chemical tanker									
Combination carrier	142	142	100.0%				142	142	100.0%
Gas carrier	58,747	58,414	99.4%	84	94	100.0%	58,831	58,508	99.4%
MLC Tanker	14,359	14,259	99.3%	551	551	100.0%	14,910	14,810	99.3%
High speed passenger craft									
Passenger ship	19,913	18,851	94.7%				19,913	18,851	94.7%
RoRo passenger ship	486	486	100.0%				486	486	100.0%
Offshore supply	673	83	12.3%				673	83	12.3%
Special purpose ship	775	325	42.1%				775	325	42.1%
Tag									
Other special activities	26,783	8,103	30.3%	5,734	550	9.6%	32,517	8,653	26.6%
Other	826	615	74.4%	65	0	0.0%	891	615	69.0%
Total	693,857	613,746	88%	27,465	13,838	47%	721,322	626,784	87%

Graph 121 - Proportion of very large inspected ships, by P&I status



Graph 122 - Proportion of gross tonnage for very large inspected ships, by P&I status



5.4. SHIPS INSPECTED BETWEEN 2018 AND 2020 – BY FLAG

WHOLE FLEET GT≥500

Table 132 - Total number of ships GT≥500 with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	4,356	3,474	75.6%	6,190	3,210	51.9%	12,700	6,684	52.6%
Refrigerated Cargo	315	225	71.4%	1,007	368	36.5%	1,352	533	39.4%
Heavy load	28	24	85.7%	96	78	81.3%	322	24	7.5%
Container	2,178	2,057	94.4%	3,033	2,389	78.8%	5,215	4,446	85.3%
Ro-Ro cargo	418	365	87.3%	783	542	69.2%	1,177	902	76.6%
Bulk Carrier	5,090	4,672	91.8%	6,017	4,908	81.6%	11,117	9,780	88.0%
Oil tanker	2,129	1,468	68.9%	5,682	2,378	41.8%	8,007	3,839	47.9%
Chemical tanker	1,468	1,237	84.2%	3,133	2,258	72.1%	4,615	3,492	75.7%
Combination carrier	14	13	92.9%	49	23	46.9%	63	38	60.3%
Gas carrier	304	493	162.2%	1,393	932	66.9%	1,977	1,425	72.1%
ALS Tanker	185	149	80.5%	289	281	97.2%	499	430	86.4%
High speed passenger craft	23	23	100.0%	26	26	100.0%	49	49	100.0%
Passenger ship	284	142	50.0%	1,283	379	29.6%	1,547	521	33.7%
RoRo passenger ship	392	84	21.4%	1,948	293	14.9%	2,310	379	16.4%
Offshore supply	1,033	246	23.8%	3,630	624	17.2%	4,663	870	18.7%
Special purpose ship	93	55	59.1%	453	155	34.2%	544	210	38.6%
Tug	127	27	21.3%	685	123	17.9%	1,012	160	15.8%
Other special activities	645	323	50.1%	3,133	685	21.9%	3,930	1,007	25.6%
Other	554	165	29.8%	5,083	184	3.6%	5,647	220	3.9%
Total	38,666	35,478	91.8%	46,538	28,786	61.9%	66,625	35,188	52.8%

Table 133 - Gross tonnage (in 1000 gt) of ships GT≥500 with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	29,460	26,574	90.4%	42,780	30,520	71.4%	72,179	57,182	79.1%
Refrigerated Cargo	1,811	1,510	83.4%	4,253	1,847	43.4%	6,064	3,466	57.2%
Heavy load	709	600	84.6%	2,228	1,692	75.9%	2,937	2,393	81.5%
Container	110,757	106,479	96.2%	141,393	125,424	88.7%	252,144	235,963	93.6%
Ro-Ro cargo	15,907	13,553	85.2%	25,730	23,468	91.2%	41,637	39,019	93.7%
Bulk Carrier	220,722	206,933	93.8%	298,113	222,288	74.5%	476,835	431,289	90.4%
Oil tanker	106,085	89,615	84.5%	285,157	140,986	49.4%	291,252	230,581	79.2%
Chemical tanker	21,651	19,417	89.7%	43,103	37,230	86.4%	64,753	56,647	87.5%
Combination carrier	163	170	104.3%	607	539	88.8%	793	717	90.4%
Gas carrier	20,670	17,445	84.4%	60,354	52,482	87.0%	81,025	69,927	86.3%
ALS Tanker	7,828	7,827	100.0%	16,137	16,129	99.9%	24,066	24,088	100.0%
High speed passenger craft	104	104	100.0%	128	128	100.0%	232	232	100.0%
Passenger ship	6,907	6,415	92.9%	28,932	16,084	55.6%	25,499	22,471	88.3%
RoRo passenger ship	2,467	1,834	74.3%	14,783	7,153	48.4%	17,480	8,987	51.4%
Offshore supply	2,869	771	26.9%	11,070	2,719	24.5%	13,939	3,490	25.0%
Special purpose ship	1,564	1,049	67.1%	2,483	1,247	50.2%	4,047	2,296	56.7%
Tug	127	33	25.9%	955	260	27.2%	1,088	218	20.0%
Other special activities	15,221	8,153	53.6%	38,764	11,363	29.3%	52,984	19,516	36.8%
Other	4,266	1,723	40.4%	9,890	3,013	30.5%	14,176	6,741	47.6%
Total	548,563	516,458	94.2%	818,470	609,638	74.5%	1,444,652	1,125,688	77.9%

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



Graph 124 - Proportion of gross tonnage for inspected ships GT≥500, by flag



MEDIUM SIZED SHIPS

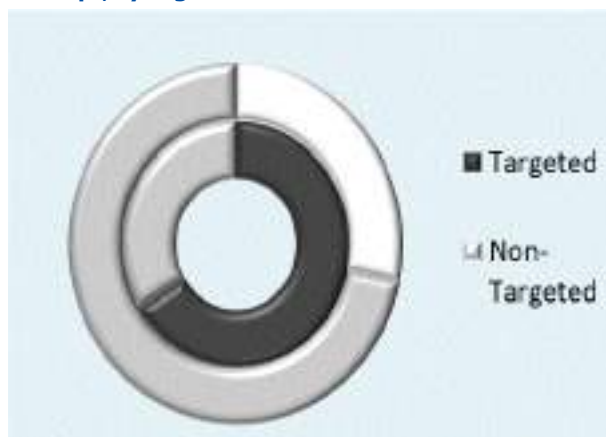
Table 134 - Total number of medium sized ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	4,428	2,304	74.7%	7,868	2,992	36.8%	12,296	6,199	50.4%
Refrigerated Cargo	323	223	71.2%	1,833	306	16.8%	1,946	631	32.5%
Heavy load	11	18	90.9%	62	42	67.7%	73	60	82.2%
Container	830	753	90.7%	1,338	860	64.3%	2,168	1,613	74.4%
Ro-Ro cargo	137	101	74.5%	362	159	43.9%	519	260	50.1%
Bulk Carrier	1,297	1,238	95.6%	1,558	1,086	69.8%	2,855	2,424	84.9%
Oil tanker	856	348	40.4%	3,685	603	16.4%	4,541	949	20.9%
Chemical tanker	1,852	663	35.8%	2,325	1,470	63.2%	3,377	2,333	69.1%
Combination carrier	12	11	91.7%	40	16	40.0%	52	27	51.9%
Gas carrier	327	276	84.4%	772	364	47.1%	1,099	654	59.5%
L&L Tanker	52	51	98.1%	81	82	101.2%	143	134	93.7%
High speed passenger craft	23	23	100.0%	24	24	100.0%	49	49	100.0%
Passenger ship	221	81	36.7%	1,888	211	11.2%	1,909	292	15.3%
RoRo passenger ship	313	84	27.0%	1,774	148	8.3%	2,087	232	11.1%
Offshore supply	1,830	246	13.4%	3,650	621	17.0%	4,630	867	18.7%
Special purpose ship	79	45	57.0%	441	150	34.0%	520	295	56.7%
Tug	127	37	29.1%	888	123	13.8%	1,015	160	15.8%
Other special activities	458	195	42.6%	3,055	575	18.8%	3,461	770	22.2%
Other	484	126	26.0%	5,029	134	2.7%	5,513	260	4.7%
Total	13,648	8,079	59.2%	28,964	9,892	34.1%	42,132	17,971	42.7%

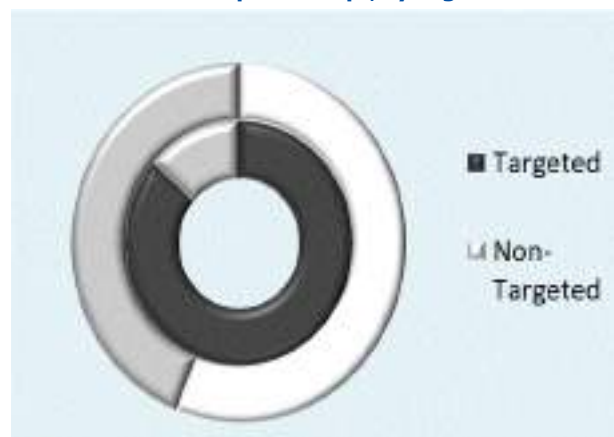
Table 135 - Gross tonnage (in 1000 gt) of medium sized ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	22,457	19,696	87.7%	29,975	10,145	33.8%	52,332	27,841	53.2%
Refrigerated Cargo	3,745	1,492	39.9%	4,111	1,847	44.9%	5,856	3,400	58.1%
Heavy load	127	117	92.0%	725	548	75.6%	852	667	78.3%
Container	16,987	18,349	108.0%	14,616	10,625	72.7%	25,603	20,970	81.9%
Ro-Ro cargo	1,474	1,121	76.0%	3,700	2,188	59.1%	5,174	3,309	63.9%
Bulk Carrier	25,582	24,669	96.4%	27,411	21,189	77.3%	52,993	45,860	86.6%
Oil tanker	4,073	2,655	65.2%	13,885	4,613	33.2%	17,958	7,269	40.5%
Chemical tanker	9,379	8,300	88.5%	18,551	15,402	83.0%	27,930	23,702	84.9%
Combination carrier	123	119	96.2%	215	147	68.4%	338	266	78.5%
Gas carrier	1,738	1,412	81.2%	4,107	3,006	73.2%	6,845	5,418	79.2%
L&L Tanker	463	461	99.6%	910	881	96.8%	1,373	1,342	97.0%
High speed passenger craft	694	104	15.0%	126	126	100.0%	232	232	100.0%
Passenger ship	915	396	43.3%	2,485	843	33.9%	3,400	1,179	34.7%
RoRo passenger ship	1,449	779	53.8%	7,917	1,813	22.9%	9,366	2,592	27.7%
Offshore supply	2,699	771	28.6%	10,035	2,588	25.8%	12,734	3,325	26.1%
Special purpose ship	481	260	54.1%	2,081	1,013	48.7%	2,542	1,280	50.4%
Tug	133	50	37.6%	960	260	27.1%	1,093	310	28.4%
Other special activities	1,528	976	63.9%	8,690	2,457	28.3%	10,178	3,432	33.7%
Other	1,090	290	26.6%	7,030	794	11.3%	8,120	1,044	12.9%
Total	87,878	75,280	85.7%	157,386	88,441	56.2%	245,264	163,721	66.8%

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



Graph 126 - Proportion of gross tonnage for medium sized inspected ships, by flag



LARGE SHIPS

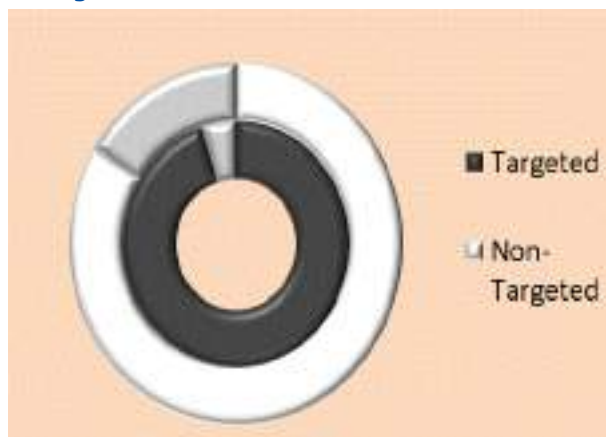
Table 136 - Total number of large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	154	152	93.7%	309	296	95.8%	463	448	96.8%
Refrigerated Cargo	3	3	100.0%	4	0	0.0%	6	3	50.0%
Heavy load	18	14	77.8%	38	26	68.4%	49	40	81.6%
Container	877	655	74.7%	895	715	79.9%	1,572	1,380	87.8%
Ro-Ro cargo	283	188	66.4%	254	245	96.5%	415	410	98.8%
Bulk Carrier	1,775	2,674	150.7%	3,580	2,972	83.0%	6,335	5,646	89.1%
Oil tanker	547	504	92.1%	878	690	78.6%	1,425	1,194	83.9%
Chemical tanker	456	374	82.0%	828	735	88.8%	1,242	1,109	89.3%
Combination carrier	2	2	100.0%	7	7	100.0%	9	9	100.0%
Gas carrier	153	140	91.5%	200	182	91.0%	353	322	91.2%
L/L Tanker	55	55	100.0%	104	104	100.0%	159	159	100.0%
High speed passenger craft									
Passenger ship	6	6	100.0%	84	82	97.6%	60	58	96.7%
Rolls passenger ship	37	32	86.5%	288	188	65.3%	322	171	53.1%
Offshore supply	2	0	0.0%	13	2	15.4%	15	2	13.3%
Special purpose ship	11	3	27.3%	8	4	50.0%	19	13	68.4%
Tug									
Other special activities	133	106	79.7%	321	65	20.3%	254	171	67.3%
Other	63	63	100.0%	57	46	80.7%	120	109	90.8%
Total	5,213	4,952	95%	7,580	6,260	84%	12,714	11,243	88%

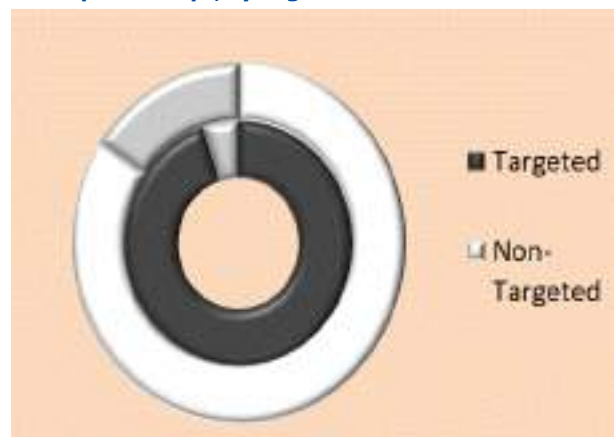
Table 137 - Gross tonnage (in 1000 gt) of large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multipurpose	5,534	5,470	98.8%	10,999	10,577	96.2%	16,533	16,040	97.1%
Refrigerated Cargo	84	84	100.0%	143	0	0.0%	228	84	36.8%
Heavy load	582	443	76.1%	1,064	879	82.6%	1,647	1,318	80.1%
Container	25,070	24,391	97.3%	33,590	27,633	82.3%	58,668	52,023	88.7%
Ro-Ro cargo	8,090	8,090	100.0%	12,301	12,685	102.3%	20,391	20,035	98.3%
Bulk Carrier	185,494	191,392	103.2%	190,939	110,823	58.1%	236,434	212,212	89.8%
Oil tanker	23,010	21,173	92.0%	34,620	27,223	78.6%	57,638	48,395	84.0%
Chemical tanker	11,272	11,025	97.8%	24,552	21,828	88.9%	36,823	32,857	89.2%
Combination carrier	59	59	100.0%	250	250	100.0%	309	309	100.0%
Gas carrier	6,328	5,767	91.1%	9,040	8,233	91.1%	15,368	14,001	91.1%
L/L Tanker	2,894	2,894	100.0%	2,890	2,890	100.0%	5,883	5,903	100.0%
High speed passenger craft									
Passenger ship	288	288	100.0%	2,291	2,188	95.5%	2,647	2,441	92.2%
Rolls passenger ship	1,217	1,036	85.1%	8,461	4,933	58.3%	7,478	5,969	80.0%
Offshore supply	67	0	0.0%	465	82	17.6%	532	82	15.4%
Special purpose ship	474	370	78.1%	256	132	51.6%	730	510	69.9%
Tug									
Other special activities	5,785	4,409	76.2%	5,522	2,818	51.0%	11,307	7,200	63.7%
Other	2,766	2,766	100.0%	2,300	2,015	87.6%	5,066	4,782	94.4%
Total	199,134	188,978	95%	279,129	235,686	84%	476,313	434,598	91%

Graph 127 - Proportion of large inspected ships, by flag



Graph 128 - Proportion of gross tonnage for large inspected ships, by flag



VERY LARGE SHIPS

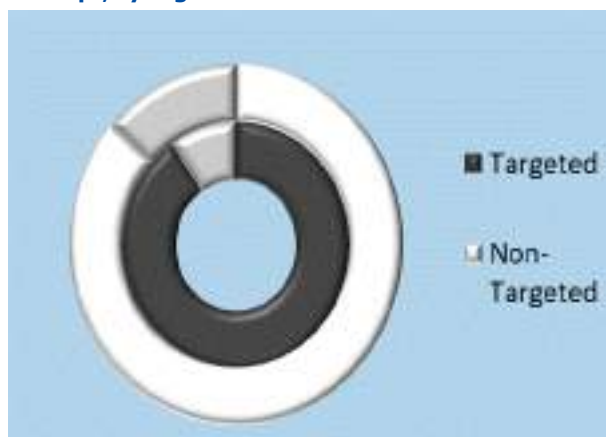
Table 138 - Total number of very large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multi-purpose	16	16	100.0%	21	21	100.0%	37	37	100.0%
Refrigerated cargo									
Heavy load				4	2	50.0%	6	2	33.3%
Container	669	648	97.0%	814	604	74.2%	1,483	1,453	98.0%
No-fo cargo	94	94	100.0%	245	136	55.2%	339	232	68.4%
Bulk Carrier	918	866	93.7%	911	690	75.7%	1,829	1,728	94.4%
Oil tanker	722	618	85.7%	1,321	1,077	81.5%	2,043	1,696	83.0%
Chemical tanker									
Combination carrier				2	2	100.0%	2	2	100.0%
Gas carrier	184	83	45.1%	421	366	86.9%	605	449	74.2%
NLS Tanker	43	43	100.0%	94	94	100.0%	137	137	100.0%
High speed passenger craft									
Passenger ship	67	66	98.5%	221	116	52.5%	288	171	59.4%
Rolls passenger ship				6	6	100.0%	6	6	100.0%
Offshore supply	1	0	0.0%	7	1	14.3%	8	1	12.5%
Special purpose ship	3	1	33.3%	2	1	50.0%	5	2	40.0%
Tug									
Other special activities	71	21	29.7%	386	45	11.7%	457	66	14.4%
Other	7	6	85.7%	7	4	57.1%	14	10	71.4%
Total	3,785	2,447	64.7%	6,674	3,527	52.8%	10,459	5,974	56.9%

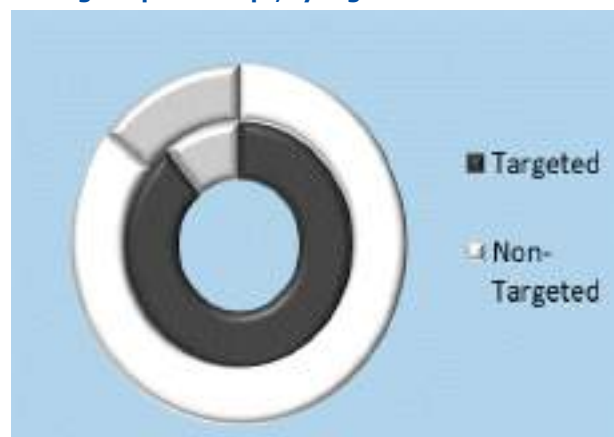
Table 139 - Gross tonnage (in 1000 gt) of very large ships with and without inspections, by PSC type and flag

PSC Ship Type	Targeted Flags		Non Targeted Flags		All Flags				
	Global	Inspected	Global	Inspected	Global	Inspected			
General cargo/Multi-purpose	1,448	1,448	100.0%	1,806	1,806	100.0%	3,253	3,253	100.0%
Refrigerated cargo									
Heavy load				438	176	40.2%	614	176	28.7%
Container	74,652	71,735	96.0%	92,775	91,162	98.1%	167,427	162,901	97.3%
No-fo cargo	6,382	6,382	100.0%	5,729	5,265	91.9%	12,111	11,651	96.2%
Bulk Carrier	85,645	82,925	96.8%	97,762	90,286	92.3%	183,407	173,189	94.4%
Oil tanker	79,812	65,707	82.3%	136,602	109,116	79.9%	216,414	174,817	80.3%
Chemical tanker									
Combination carrier				142	142	100.0%	142	142	100.0%
Gas carrier	11,634	5,266	45.3%	47,206	41,243	87.4%	58,840	50,509	85.8%
NLS Tanker	5,373	5,373	100.0%	11,420	11,420	100.0%	16,793	16,793	100.0%
High speed passenger craft									
Passenger ship	6,136	5,824	94.9%	18,776	15,617	82.7%	24,912	21,441	86.1%
Rolls passenger ship				496	496	100.0%	496	496	100.0%
Offshore supply	103	0	0.0%	571	83	14.5%	674	83	12.3%
Special purpose ship	609	403	66.2%	166	102	61.4%	775	505	65.2%
Tug									
Other special activities	7,987	2,685	33.6%	24,592	5,887	24.0%	32,579	8,572	26.3%
Other	440	367	83.2%	452	248	54.9%	892	615	68.9%
Total	203,389	153,209	75.3%	437,963	376,583	85.9%	641,352	539,792	84.1%

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



Graph 130 - Proportion of gross tonnage for very large inspected ships, by flag



5.5. PSC RECORDS OF RECOGNISED ORGANISATIONS

WHOLE FLEET GT≥500 TOTAL NUMBER OF INSPECTIONS WITH STATUTORY CERTIFICATES FOR SHIPS GT≥500, BY TYPE OF ISSUER

PSC Ship Type	Inspections with certificates	Issued by Flag		Issued by RO	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	34,145	8,470	6,130	31,079	4,554
Refrigerated Cargo	881	248	342	867	28
Heavy load	282	104	151	282	5
Container	11,687	4,186	2,832	11,611	206
Ro-Ro cargo	2,412	811	1,197	2,326	166
Bulk Carrier	28,525	9,568	8,682	28,307	765
Oil tanker	6,137	1,778	2,962	6,102	107
Chemical tanker	8,223	2,185	3,550	8,161	132
Combination carrier	21	3	9	19	2
Gas carrier	2,370	644	1,035	2,339	60
NLS Tanker	7,580	30	110	7,572	8
High speed passenger craft	149	97	52	141	
Passenger Ship	2,067	239	681	2,033	54
RoRo passenger ship	1,437	272	1,052	1,417	29
Offshore supply	1,286	263	854	1,256	53
Special purpose ship	338	97	187	330	24
Tug	205	37	121	196	13
Other special activities	1,972	330	517	1,842	204
Other	2,413	644	609	2,052	395
Total	112,130	30,006	31,073	107,932	6,805

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



Graph 132 - Total number of inspection with statutory certificates for ships GT≥500, by recognised organisations



MEDIUM SIZED SHIPS

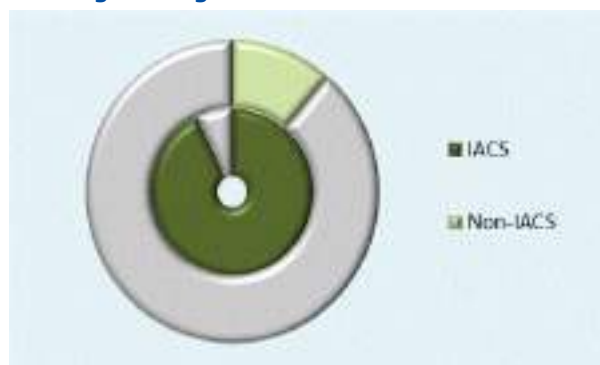
Table 140 - Total number of inspections with statutory certificates for medium sized ships, by type of issuer

PSC Ship Type	Inspections with certificates	Issued by Flag		Issued by RO	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	24,501	8,342	5,740	21,461	4,519
Refrigerated Cargo	875	242	342	861	28
Heavy load	231	94	122	231	5
Container	3,491	1,629	616	3,486	57
Ro-Ro cargo	714	268	317	637	114
Bulk Carrier	8,805	2,950	2,373	8,706	419
Oil tanker	1,394	477	657	1,365	70
Chemical tanker	4,872	1,547	2,185	4,832	94
Combination carrier	13	2	5	12	1
Gas carrier	1,285	405	486	1,258	51
NLS Tanker	1,875	25	87	1,868	7
High speed passenger craft	149	97	52	141	
Passenger Ship	664	143	318	642	36
RoRo passenger ship	657	182	387	641	20
Offshore supply	1,281	263	853	1,251	53
Special purpose ship	313	79	180	305	24
Tug	205	37	121	196	13
Other special activities	1,420	177	461	1,294	194
Other	995	356	279	635	391
Total	53,740	17,315	15,581	49,822	6,096

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



Graph 134 - Total number of inspection with statutory certificates for medium sized ships, by recognised organisations



LARGE SHIPS

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

PSC Ship Type	Inspections with certificates	Issued by Flag		Issued by RO	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	7,478	127	389	7,470	15
Refrigerated Cargo	6	6		6	
Heavy load	46	10	26	46	
Container	3,682	1,215	1,011	3,664	45
Ro-Ro cargo	1,164	365	592	1,158	42
Bulk Carrier	15,793	4,959	4,858	15,719	269
Oil tanker	2,138	670	939	2,138	21
Chemical tanker	3,350	638	1,365	3,328	38
Combination carrier	4	1	2	3	1
Gas carrier	458	140	168	457	3
NLS Tanker	3,923	4	19	3,922	1
High speed passenger craft					
Passenger Ship	386	21	138	379	7
RoRo passenger ship	754	90	640	750	9
Offshore supply	5		1	5	
Special purpose ship	21	16	5	21	
Tug					
Other special activities	441	150	53	437	10
Other	901	186	194	900	2
Total	40,550	8,598	10,400	40,403	463

Graph 135 - Total number of inspection with statutory certificates for large ships, by flag issuer



Graph 136 - Total number of inspection with statutory certificates for large ships, by recognised organisations

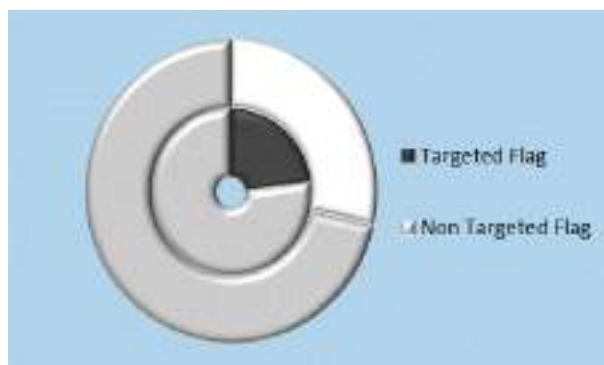


VERY LARGE SHIPS

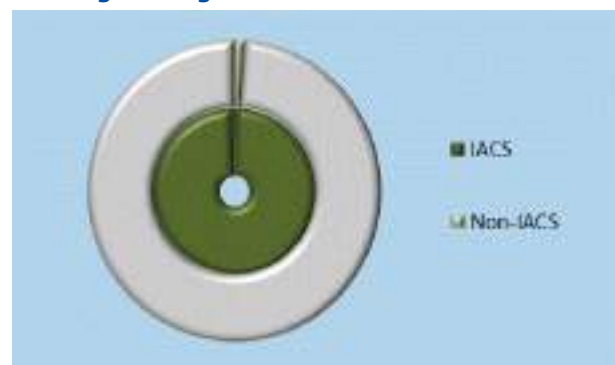
Table 142 - Total number of inspections with statutory certificates for very large ships, by type of issuer

PSC Ship Type	Inspections with certificates	Issued by Flag		Issued by RO	
		Targeted	Non Targeted	IACS	Non-IACS
General cargo/Multipurpose	2,166	1	1	2,148	20
Refrigerated Cargo					
Heavy load	5		3	5	
Container	4,514	1,342	1,205	4,461	104
Ro-Ro cargo	534	178	288	531	10
Bulk Carrier	3,927	1,659	1,451	3,882	77
Oil tanker	2,605	631	1,366	2,599	16
Chemical tanker	1			1	
Combination carrier	4		2	4	
Gas carrier	627	99	381	624	6
NLS Tanker	1,782	1	4	1,782	
High speed passenger craft					
Passenger Ship	1,017	75	225	1,012	11
RoRo passenger ship	26		25	26	
Offshore supply					
Special purpose ship	4	2	2	4	
Tug					
Other special activities	111	3	3	111	
Other	517	102	136	517	2
Total	17,840	4,093	5,092	17,707	246

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



Graph 138 - Total number of inspection with statutory certificates for very large ships, by recognised organisations



5.6. STATUTORY CERTIFICATES

Table 143 - Total number of inspections with statutory certificates for all ships, by type of certificates and issuer

Group of Certificates	Inspections	Flags as issuer		Recognised Organisations	
		Targeted	Non Targeted	IACS	Non-IACS
ITC	63,764	5,919	6,214	49,047	2,584
Load Lines	74,063	598	1,284	67,951	4,230
SOLAS/STCW	62,104	30,068	31,754	314	48
SOLAS - ISM	77,936	3,469	6,936	62,177	5,354
SOLAS - ISPS	68,171	9,649	6,461	48,182	3,679
SOLAS - IMDG	19,709	177	918	18,293	321
SOLAS - GC	118	11	3	104	
SOLAS - IGC	1,343	27	21	1,294	1
SOLAS - HSC	209	2	53	153	1
SOLAS - MODU	47		2	45	
SOLAS - SPS	599	1	130	468	
SOLAS - PSCC	2,337	52	805	1,442	38
SOLAS - CSS	74,916	1,018	2,905	66,623	4,370
SOLAS - CSR	34,819	16,927	17,603	214	75
SOLAS - INF	195	4	8	182	1
AFS	52,281	331	1,081	49,291	1,578
Ballast WM	30,022	4,310	953	23,640	1,119
CLC	10,586	4,073	6,354	148	11
BUNKER	41,219	20,662	20,106	409	42
MARPOL - IAPP	71,452	410	1,612	66,206	3,224
MARPOL - IOPP	73,719	698	1,964	66,859	4,198
MARPOL - ISPP	68,736	532	1,981	62,471	3,752
MARPOL - EIAPP	12,103	182	365	11,436	120
MARPOL - IBC	5,254	7	68	5,168	11
MARPOL - NLS	858	7	18	828	5
MARPOL - BCH	428	2	16	405	5
MARPOL - IECC	50,657	410	1,545	47,218	1,484
MLC	59,449	4,067	5,952	46,350	3,080
Other	12,303	3,094	1,207	7,840	162
Overall	81,829	27,909	39,171	76,558	6,933

Chapter 6

6. Trade Associations and Industry Vetting Programmes

INTRODUCTION

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

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

The ship types covered by each scheme are detailed in Annex V.

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

Shipping Companies

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

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

In most cases the Company shown in the database is responsible for the operation of the ship and the duties and responsibilities imposed by the International Safety Management Code (ISM Code).

The Code applies to passenger ships and other ships of 500 GT (or greater) trading internationally.

The tables in Chapter 6.3 show the makeup of the fleet of ships in Equasis according to

company fleet size, as measured by the number of ships over 100GT they operate. The tables also show the detention rates of ships over 500GT in each fleet size category.

The detention rate is the ratio between the number of detentions and the number of inspections in the Paris MoU, Tokyo MOU, Indian Ocean MoU, USCG, Viña del Mar Agreement, Mediterranean MoU, Caribbean MoU, Black Sea MoU and Abuja MoU recorded in 2020.

RESULTS

Table 144 indicates that the majority of ships are not covered by the trade associations and/or industry vetting programmes providing data to Equasis, with the exception of OCIMF that covers almost 66.7% of the total ships of the relevant categories (see annex V) and about 90.3% in tonnage. INTERTANKO covers slightly over a quarter (28.6%) of the total number of ships but less than half (49.6%) tonnage coverage of the relevant ship categories.

Intercargo is shows the same trend, covering 9.2% of the total number of ships, but 20.9% of the tonnage coverage of the relevant ship categories. The Chemical Distribution Institute (CDI) on the other hand has 31.4% of the total number of ships, and a similar percentage 34.2% of the tonnage coverage of the relevant ship categories.

Tables 146 to 149 suggest that the ship categories in the medium, large and very large size categories covered by one of the trade associations and industry vetting programs are usually less inspected in the nine PSC regimes providing data to Equasis than those ships which are outside the trade associations.

The same tables indicate that ships who are members of a trade association or industry vetting programme were detained less often than those that were not members. For example, the detention rate of Intercargo ships in all ship size categories (table 146) was 1.6% compared with 3.6% for those who are not members (and of the targeted ship types as described in Annex V). It is a similar picture for ships that are members of INTERTANKO, InterManager, Green Award, CDI and OCIMF.

Table 150 shows that slightly over the half (56.8%) of the companies included in the data collected by Equasis operate just one ship. 82.5% companies operate five or less ships. Graph 140 reveals that ships operated by larger companies had a much lower detention rate than those operated by smaller companies.

Table 151 shows that companies with more than 100 ships have a detention rate around 1.24%, while one-ship had rates of 4.06% and two-ship companies and 3.36% respectively.

6.1. SCHEME STATUS

Table 144 - Total number of ships, by size and vetting programmes and trade associations

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	1,118	7,372	1,493	1,683	1,490	1,182	4,101	10,237
% of Total	27.3%	72.0%	36.4%	16.4%	36.3%	11.5%		
Intercargo	375	15,117	1,301	5,571	559	1,286	2,235	21,974
% of Total	16.8%	68.8%	58.2%	25.4%	25.0%	5.9%		
InterManager	305	22,549	483	9,159	236	3,726	1,024	35,434
% of Total	29.8%	63.6%	47.2%	25.8%	23.0%	10.5%		
Green Award	28	12,189	26	9,764	219	4,296	273	26,249
% of Total	10.3%	46.4%	9.5%	37.2%	80.2%	16.4%		
CDI	1,603	3,200	515	1,414		6	2,118	4,620
% of Total	75.7%	69.3%	24.3%	30.6%		0.1%		
OCIMF	4,115	4,375	2,944	232	2,507	165	9,566	4,772
% of Total	43.0%	91.7%	30.8%	4.9%	26.2%	3.5%		

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

Table 145 - Gross tonnage (in 1000 gt) of ships, by size and vetting programmes and trade associations

Scheme	Medium ⁽¹⁾		Large ⁽²⁾		Very Large ⁽³⁾		Total	
	Within	Outside	Within	Outside	Within	Outside	Within	Outside
Intertanko	14,203	38,029	53,941	61,635	157,816	130,274	225,960	229,938
% of Total	6.3%	16.5%	23.9%	26.8%	69.8%	56.7%		
Intercargo	7,931	99,873	49,851	206,863	57,767	131,289	115,549	438,026
% of Total	6.9%	22.8%	43.1%	47.2%	50.0%	30.0%		
InterManager	4,467	148,344	17,277	337,320	24,865	389,868	46,609	875,533
% of Total	9.6%	16.9%	37.1%	38.5%	53.3%	44.5%		
Green Award	314	107,424	1,211	362,443	21,651	455,352	23,177	925,219
% of Total	1.4%	11.6%	5.2%	39.2%	93.4%	49.2%		
CDI	16,127	22,060	18,457	44,185		364	34,583	66,610
% of Total	46.6%	33.1%	53.4%	66.3%		0.5%		
OCIMF	36,670	15,562	106,854	8,721	268,072	20,017	411,597	44,301
% of Total	8.9%	35.1%	26.0%	19.7%	65.1%	45.2%		

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

Safety performance

WHOLE FLEET GT≥500

Table 146 - Safety performance of ships, by inspections and detentions rates^(*) - 2020

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0.6%	1.6%	1.2%	42	139	181	6,549	8,585	15,134
in % of total				23.2%	76.8%		43.3%	56.7%	
Intercargo	1.6%	3.6%	3.3%	96	1,353	1,449	5,994	37,780	43,774
in % of total				6.6%	93.4%		13.7%	86.3%	
Intermanager	1.0%	2.9%	2.8%	22	1,583	1,605	2,186	54,621	56,807
in % of total				1.4%	98.63%		3.8%	96.2%	
Green Award	0.5%	1.8%	1.8%	2	773	775	383	41,785	42,168
in % of total				0.3%	99.74%		0.9%	99.1%	
CDI	1.1%	1.3%	1.2%	45	70	115	4,180	5,405	9,585
in % of total				39.1%	60.9%		43.6%	56.4%	
OCIMF	1.0%	4.2%	1.2%	135	46	181	14,038	1,096	15,134
in % of total				74.6%	25.4%		92.8%	7.2%	

Source: Equasis - ^(*) Detentions in Paris MoU, Tokyo MoU, IOMoU, USCG, VDM, Med MoU, Caribbean MoU, Black Sea MoU and Abuja MoU divided by total number of inspections

MEDIUM SIZED SHIPS

Table 147 - Safety performance of medium sized⁽¹⁾ ships, by inspections and detentions rates^(*) - 2020

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	1.1%	2.0%	1.7%	21	97	118	1,860	4,897	6,757
in % of total				17.8%	82.2%		27.5%	72.5%	
Intercargo	1.5%	4.6%	4.4%	19	1,071	1,090	1,298	23,361	24,659
in % of total				1.7%	98.3%		5.3%	94.7%	
Intermanager	1.1%	4.0%	3.9%	7	1,183	1,190	666	29,686	30,352
in % of total				0.6%	99.41%		2.2%	97.8%	
Green Award	11.1%	2.3%	2.3%	2	356	358	18	15,391	15,409
in % of total				0.6%	99%		0.1%	99.9%	
CDI	1.1%	1.9%	1.5%	34	55	89	3,161	2,932	6,093
in % of total				38.2%	61.8%		51.9%	48.1%	
OCIMF	1.4%	3.9%	1.7%	80	38	118	5,771	986	6,757
in % of total				67.8%	32.2%		85.4%	14.6%	

Source: Equasis - ⁽¹⁾ 500<GT<25.000 - ^(*) Detentions in Paris MoU, Tokyo MoU, IOMoU, USCG, VDM, Med MoU, Caribbean MoU, Black Sea MoU and Abuja MoU divided by total number of inspections

LARGE SHIPS

Table 148 - Safety performance of large⁽¹⁾ ships, by inspections and detentions rates^(*) - 2020

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0.5%	1.1%	0.8%	13	28	41	2,884	2,552	5,436
in % of total				31.7%	68.3%		53.1%	46.9%	
Intercargo	1.4%	1.9%	1.8%	50	239	289	3,552	12,369	15,921
in % of total				17.3%	82.7%		22.3%	77.7%	
Intermanager	1.0%	1.6%	1.6%	11	313	324	1,148	19,670	20,818
in % of total				3.4%	97%		5.5%	94.5%	
Green Award	0.0%	1.6%	1.6%	0	325	325	58	20,571	20,629
in % of total				0.0%	100.00%		0.3%	99.7%	
CDI	1.1%	0.6%	0.7%	11	15	26	1,019	2,473	3,492
in % of total				42.3%	57.7%		29.2%	70.8%	
OCIMF	0.7%	6.0%	0.8%	36	5	41	5,352	84	5,436
in % of total				87.8%	12.2%		98.5%	1.5%	

Source: Equasis - ⁽¹⁾ 25.000 ≤ GT < 60.000 - ^(*) Detentions in Paris MoU, Tokyo MoU, IOMoU, USCG, VDM, Med MoU, Caribbean MoU, Black Sea MoU and Abuja MoU divided by total number of inspections

VERY LARGE SHIPS

Table 149 - Safety performance of very large⁽¹⁾ ships, by inspections and detentions rates^(*) - 2020

Scheme	Detention rate			Detentions			Inspections		
	Within	Outside	Total	Within	Outside	Total	Within	Outside	Total
Intertanko	0.4%	1.2%	0.7%	8	14	22	1,805	1,136	2,941
in % of total				36.4%	63.6%		61.4%	38.6%	
Intercargo	2.4%	2.1%	2.2%	27	43	70	1,144	2,050	3,194
in % of total				38.6%	61.4%		35.8%	64.2%	
Intermanager	1.1%	1.7%	1.6%	4	87	91	372	5,265	5,637
in % of total				4.4%	96%		6.6%	93.4%	
Green Award	0.0%	1.6%	1.5%	0	92	92	307	5,823	6,130
in % of total				0.0%	100%		5.0%	95.0%	
CDI	0.0%					0			0
in % of total									
OCIMF	0.7%	11.5%	0.7%	19	3	22	2,915	26	2,941
in % of total				86.4%	13.6%		99.1%	0.9%	

Source: Equasis - ⁽¹⁾ GT ≥ 60.000 - ^(*) Detentions in Paris MoU, Tokyo MoU, IOMoU, USCG, VDM, Med MoU, Caribbean MoU, Black Sea MoU and Abuja MoU divided by total number of inspections

6.3. COMPANY PERFORMANCE

Table 150 - Total number of companies and ships, by fleet size and flag

Company fleet size (by number of ships GT≥100)	Number of companies		Number of ships ⁽¹⁾		Number of ships under targeted flag ⁽¹⁾		Total share of ships under targeted flag ⁽²⁾
1 ship	22,335	56.8%	8,125	12.5%	2,671	13.5%	32.9%
2	6,042	15.4%	4,502	6.9%	1,174	5.9%	26.1%
3	2,900	7.4%	3,458	5.3%	976	4.9%	28.2%
4	1,725	4.4%	2,963	4.6%	919	4.7%	31.0%
5	1,144	2.9%	2,518	3.9%	799	4.0%	31.7%
6-10	2,737	7.0%	9,821	15.1%	2,843	14.4%	28.9%
11-50	2,205	5.6%	20,843	32.2%	6,340	32.1%	30.4%
51-100	176	0.4%	6,451	10.0%	2,202	11.2%	34.1%
100+	61	0.2%	6,146	9.5%	1,816	9.2%	29.5%
Total	39,325	100%	64,827	100%	19,740	100%	30.5%

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

Graph 139 - Total number of companies and ships GT≥500, by company fleet size

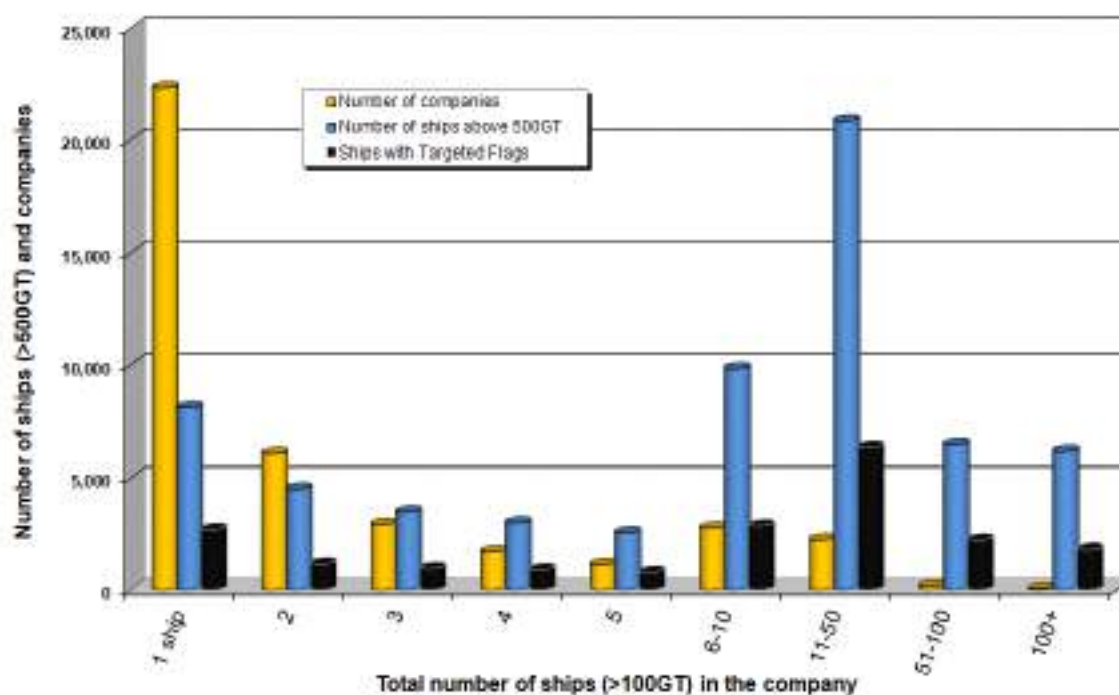
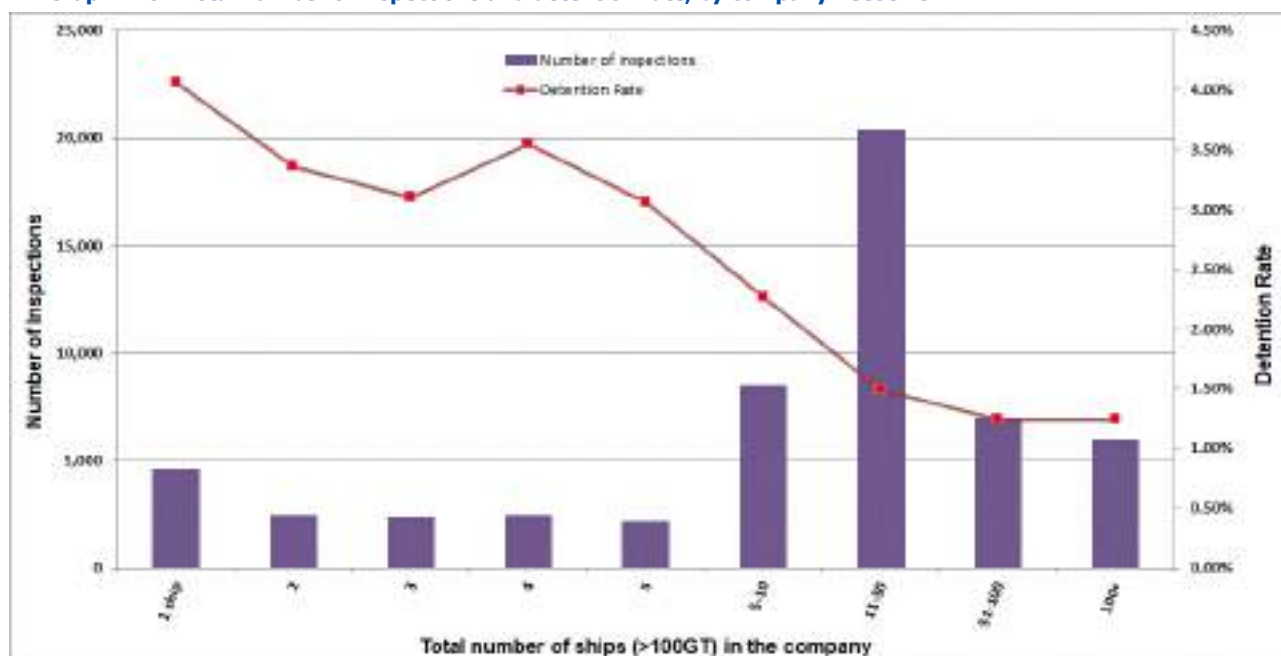


Table 151 - Total number of inspections and detention rates^(*), by company fleet size - 2020

Company fleet size (by number of ships GT≥100)	Number of inspections		Number of detentions		% of ships detained ⁽¹⁾
1 ship	4,580	8.2%	186	16.3%	4.06%
2	2,411	4.3%	81	7.1%	3.36%
3	2,295	4.1%	71	6.2%	3.09%
4	2,426	4.4%	86	7.5%	3.54%
5	2,159	3.9%	66	5.8%	3.06%
5-10	8,455	15.2%	191	16.7%	2.26%
11-50	20,331	36.6%	302	26.4%	1.49%
51-100	6,963	12.5%	86	7.5%	1.24%
100+	5,978	10.8%	74	6.5%	1.24%
Total	55,598	100%	1,143	100%	2.06%

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

Graph 140 - Total number of inspections and detention rate, by company fleet size

Annexes

Annex I. Ship type aggregations

The category "Other" is not considered in the scope of these statistics and contains ship types of active ships not falling in one of the main categories.

Changes made in comparison to the last edition are marked in **bold** *.

General Cargo Ships

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

Specialized Cargo Ships

Barge Carrier
Heavy Load Carrier
Livestock Carrier
Nuclear Fuel Carrier

Container Ships

Container Ship
Passenger/Container Ship

Ro-Ro Cargo Ships

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

Bulk Carriers

Aggregates Carrier
Bulk Carrier
Bulk/Caustic Soda Carrier
Bulk Dry Storage Ship
Bulk/Oil Carrier
Bulk/Sulphuric Acid Carrier
Bulk/Oil/Chemical Carrier
Cement Carrier
Limestone Carrier
Ore Carrier
Ore/Oil Carrier
Powder Carrier
Refined Sugar Carrier
Self-Discharging Bulk Carrier
Urea Carrier
Wood Chips Carrier
Pearl Shells Carrier
Pulp Carrier

Oil and Chemical Tankers

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

Gas Tankers

CO2 Tanker
Combination Gas Tanker
LNG Tanker
LPG Tanker

Other Tankers

Asphalt/Bitumen Tanker
Bunkering Tanker
Caprolactam Tanker
Edible Oil Tanker
Fruit Juice Tanker
Latex Tanker

Molasses Tanker
Water Tanker
Wine Tanker
Oil-Sludge Tanker
Beer Tanker
Coal/Oil Mixture Tanker

Passenger Ships

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

Offshore Vessels

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

Service Ships

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

Tugs

Pusher Tug
Tug

Fishing Ships

Fishing Vessel
Fish Carrier
Fish Factory Ship
Fishing Support Vessel
Live-Fish Carrier
Seal-Catcher
Whale-Catcher

Other (Out of the scope)

Anchor Hoy
Cable Repair Ship
Crewboat
Exhibition Vessel
Houseboat
Landing Craft
Launch (unspecified)
Mooring Vessel
Motor Hopper
Rocket Launch Support Ship
Sail Training Ship
Sailing Vessel
Trenching Support Vessel
Water Injection Dredger
Unknown
Vessel (function unknown)

Changes made in comparison to the last edition are marked in **bold** *.

General Cargo Ships

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

Specialized Cargo Ships

Barge Carrier
Heavy Load Carrier
Livestock Carrier
Nuclear Fuel Carrier

Container Ships

Container Ship
Passenger/Container Ship

Ro-Ro Cargo Ships

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

Bulk Carriers

Aggregates Carrier
Bulk Carrier
Bulk/Caustic Soda Carrier
Bulk Dry Storage Ship
Bulk/Oil Carrier
Bulk/Sulphuric Acid Carrier
Bulk/Oil/Chemical Carrier
Cement Carrier
Limestone Carrier
Ore Carrier
Ore/Oil Carrier
Powder Carrier
Refined Sugar Carrier
Self-Discharging Bulk Carrier
Urea Carrier
Wood Chips Carrier
Pearl Shells Carrier
Pulp Carrier

Oil and Chemical Tankers

Bunkering Tanker (LNG/OIL)
Chemical Tanker
Chemical/Oil Products Tanker
Crude Oil Tanker
Oil Products Tanker
Vegetable Oil Tanker

Gas Tankers

Bunkering Tanker (LNG)
CO2 Tanker
Combination Gas Tanker
LNG Tanker
LPG Tanker

Other Tankers

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

Water Tanker
Wine Tanker
Oil-Sludge Tanker
Beer Tanker
Coal/Oil Mixture Tanker

Passenger Ships

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

Offshore Vessels

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

Service Ships

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

Tugs

Pusher Tug
Tug

Fishing Ships

Fishing Vessel
Fish Carrier
Fish Factory Ship
Fishing Support Vessel
Live-Fish Carrier
Seal-Catcher
Whale-Catcher

Other (Out of the scope)

Anchor Hoy
Cable Repair Ship
Crewboat
Exhibition Vessel
Houseboat
Landing Craft
Launch (unspecified)
Mooring Vessel
Motor Hopper
Rocket Launch Support Ship
Sail Training Ship
Sailing Vessel
Trenching Support Vessel
Water Injection Dredger
Unknown
Vessel (function unknown)

Annex II. Targeted Flag States 2020

The table of "Flag Performance" is a summary of the status of each flag within the different Port State Control Regime that provides data to Equasis and issue lists of flag performances. The table of targeted flags, namely, the Paris MoU, the Tokyo MoU and the US Coast Guard. can be found here:
<https://www.equasis.org/EquasisWeb/admin/FlagPerf?fs=About>

This table is refreshed annually for each PSC regime when a new annual report containing the new flag performances is published.

For the Paris MoU and the Tokyo MoU, the possible values for each flag state are "Black", "Grey" and "White". Please note that no deeper distinction is made in the "Black" category as done in the annual reports of the Paris and Tokyo MoU between "high risk" and "very high risk" ships for example.

For the USCG, only flag administrations on the "Targeted List" are indicated, once again, without distinction between flag administration receiving "2 points" or "7 points" in column II of the US Port State Control Safety Targeting Matrix.

If a flag is not evaluated by a certain PSC regime, the corresponding field is left blank, if a flag is not evaluated by any of the PSC regime, it may not appear at all in this table.

Throughout the table, non-sovereign flags are displayed below their corresponding "mother" flag (Gibraltar below UK, Faeroe Islands below Denmark...)

Another source of Shipping Industry Flag State Performance can be found on the website of the International Chamber of Shipping (ICS), corresponding to information released in 2019 by the Paris MOU, the Tokyo MOU and the United States Coast Guard (USCG) in their respective annual PSC reports.

<https://www.ics-shipping.org/wp-content/uploads/2021/01/Flag-State-Table-2021.pdf>

Annex III. Default PSC Ship types

Ship types in **red** correspond to ship types that are not in the scope of these statistics (or for which no active ship is yet known in the world fleet of Equasis).

Although similar in layout, Annex III cannot be compared to Annex I given that the purpose of this Annex is to attribute a default PSC ship type to ships and not to create categories of ships as in Annex I.

This Annex was established mainly through statistical analysis and direct comparisons between IHS Markit Maritime & Trade ship types and PSC ship types.

General Cargo/Multipurpose

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

Refrigerated Cargo

Fish Carrier
Fish Factory Ship
Fruit Juice Tanker
Refrigerated Cargo Ship

Heavy load

Heavy Load Carrier

Container

Container Ship

Ro-Ro cargo

Container Ro-Ro Cargo Ship
Ro-Ro Cargo Ship

Bulk Carrier

Bulk Carrier
Bulk Dry Storage Ship
Bulk/Caustic Soda Carrier
Bulk/Sulphuric Acid Carrier
Ore Carrier
Self-Discharging Bulk Carrier
Bulk/Oil/Chemical Carrier

Oil tanker

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

Chemical tanker

Chemical Tanker
Chemical/Oil Products Tanker
Vegetable Oil Tanker

Combination carrier

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

Gas carrier

CO₂ Tanker
Combination Gas Tanker (LNG/LPG)
LNG Tanker
LPG Tanker

NLS Tanker

Wine Tanker

High speed passenger craft

None

Passenger Ship

Houseboat
Passenger (Cruise) Ship
Passenger Ship
Sailing Vessel

RoRo passenger ship

Passenger/Ro-Ro Cargo Ship

Offshore supply

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

Special purpose ship

Cable-Layer
Cable Repair Ship
Crane Ship
Fire-Fighting Vessel
Icebreaker
Power Station Vessel

Tug Bulk Dry Storage Ship

Pusher Tug
Tug

Other special activities

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

Training Ship
Trans-shipment Vessel
Urea Carrier
Utility Vessel
Vessel (function unknown)
Waste Disposal Vessel
Water Injection Dredger
Wood Chips Carrier
Work/Repair Vessel

Other

Crewboat
Beer Tanker
Dredger
Exhibition Vessel
Fishing Support Vessel
Fishing Vessel
Live-Fish Carrier
Sail Training Ship
Livestock Carrier
Vehicles Carrier
Pipe Burying Vessel
Rocket Launch Support Ship
Trenching Support Vessel
Unknown

Annex IV. List of Statutory Certificates, by conventions

SOLAS (and STCW)

SOLAS/STCW

Minimum safe manning document

SOLAS - INF

International Certificate of Fitness for the Carriage of Cargo

SOLAS - ISM

Document of Compliance
Safety Management Certificate

SOLAS - ISPS

International Ship Security Certificate

SOLAS - IMDG

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

SOLAS - GC

Certificate of Fitness for the Carriage of Liquefied Gases in Bulk

SOLAS - IGC

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

SOLAS - HSC

High-Speed Craft Safety Certificate

SOLAS - MODU

Mobile Offshore Drilling Unit Safety Certificate

SOLAS - SPS

Special Purpose Ship Safety Certificate

SOLAS - PSSC

Passenger Ship Safety Certificate, including Record of Equipment

SOLAS - CLC

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

SOLAS/CSS

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

SOLAS/CSR

Continuous Synopsis Record

SOLAS/INF

International Certificate of Fitness for the Carriage of Cargo

MARPOL

MARPOL - IAPP

International Air Pollution Prevention Certificate

MARPOL - IEEC

International Energy Efficiency Certificate

MARPOL - IOPP

International Oil Pollution Prevention Certificate

MARPOL - ISPP

International Sewage Pollution Prevention Certificate

MARPOL - EIAPP

Engine International Air Pollution Prevention Certificate

MARPOL - IBC

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

MARPOL - NLS

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

MARPOL - BCH

Certificate of Fitness for the Carriage of Dangerous Chemicals in Bulk

Other Conventions

ITC

International Tonnage Certificate

Load Lines

International Load Line Certificate

AFS

Declaration of AFS Compliance
International Anti-Fouling System Certificate

Ballast WM

Ballast Water Management Certificate

CLC

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

BUNKER

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

MLC

Maritime Labour Certificat

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

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

Intertanko

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

Intercargo

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

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

Intermanager

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

Green Award

A subset of Bulk Carriers:

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

Gas Tankers:

CO2 Tanker
LNG Tanker
LPG Tanker
Combination Gas Tanker (LNG/LPG)

Oil & Chemical Tankers:

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

CDI

The following Tankers:

Chemical Tanker
Chemical/Oil Products Tanker
LPG Tanker
Vegetable Oil Tanker

OCIMF

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