



**IMRRA's August 2017 Newsletter**

**Summary Analysis of Data Assessed and Collated During July 2017**

# Port State Control

Many of IMO's most important technical conventions contain provisions for ships to be inspected when they visit foreign ports to ensure that they meet IMO requirements.

Port State Control (PSC) is the inspection of foreign ships in national ports to verify that the condition of the ship and its equipment comply with the requirements of international regulations and that the ship is manned and operated in compliance with these rules. (source - <http://www.imo.org/>)

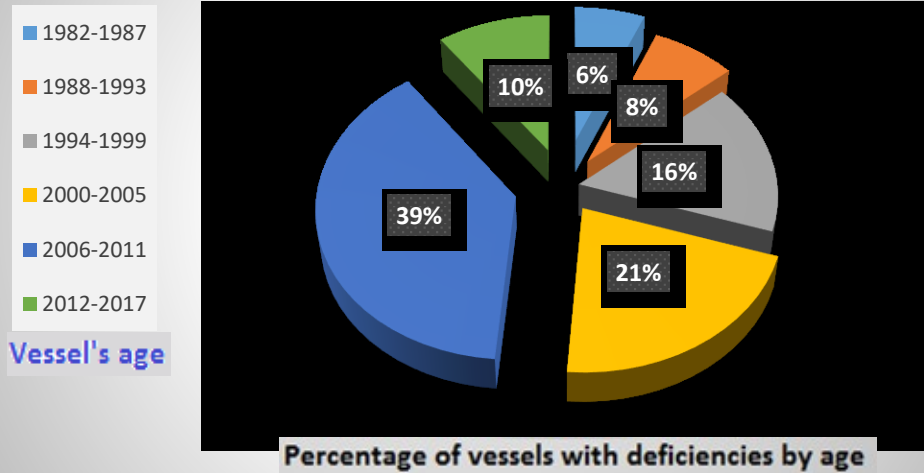
PSC is very important instrument in raising standards of Maritime Safety as well as it is an important parameter in the risk assessment process.

1364 vessels were assessed by IMRRA in July 2017, among them 80 vessels with 632 deficiencies were recognized as vessels with poor results of PSC inspection (equal 5 or more deficiencies). Among these 632 vessels, 14 were recognized with detention.

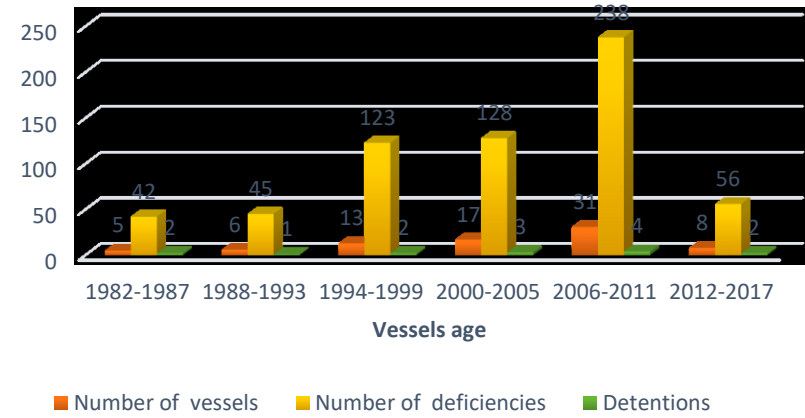
Below presented graphics based on amount vessels with poor PSC results (Oil/Chemical Tankers, LPG/LNG, OBO vessels – 80 vessels in total) upon screening results that show ratio of recognized issues from the vessel's age.

July 2017			
Tanker Vessels			
Delivery date (0-5 years)	Number of vessels	Number of deficiencies	Detentions
1982-1987	5	42	2
1988-1993	6	45	1
1994-1999	13	123	2
2000-2005	17	128	3
2006-2011	31	238	4
2012-2017	8	56	2
<b>Total</b>	<b>80</b>	<b>632</b>	<b>14</b>

## Tanker Vessels



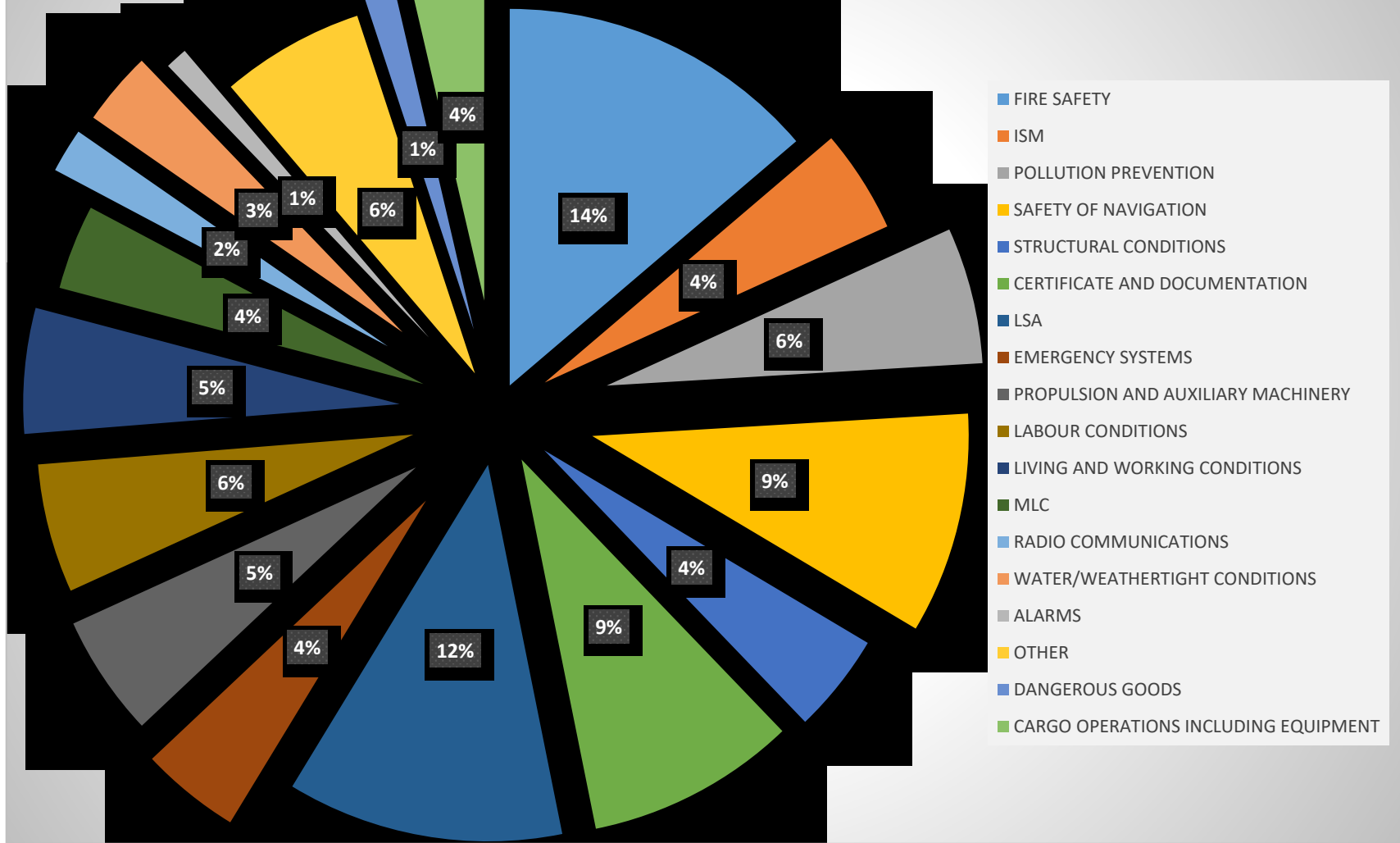
## Tanker Vessels by Age/Deficiencies/Detentions



## Following are PSC deficiencies by Type Researched by IMRRA Analysts During 2017

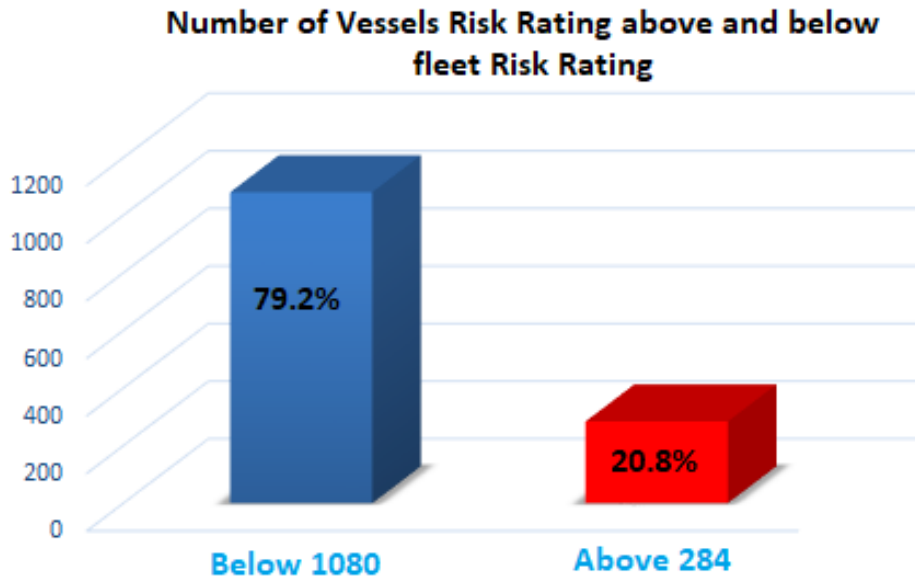
<b>PSC deficiencies by Type – July 2017</b>	
<b>Name</b>	<b>Number</b>
FIRE SAFETY	87
ISM	28
POLLUTION PREVENTION	37
SAFETY OF NAVIGATION	60
STRUCTURAL CONDITIONS	27
CERTIFICATE AND DOCUMENTATION	57
LSA	75
EMERGENCY SYSTEMS	27
PROPULSION AND AUXILIARY MACHINERY	33
LABOUR CONDITIONS	35
LIVING AND WORKING CONDITIONS	34
MLC	23
RADIO COMMUNICATIONS	12
WATER/WEATHERTIGHT CONDITIONS	20
ALARMS	6
OTHER	39
DANGEROUS GOODS	9
CARGO OPERATIONS INCLUDING EQUIPMENT	23
<b>Total</b>	<b>632</b>

# PSC deficiencies by Type - July 2017



**IMRRA screened and risk assessed 1,364 vessels (78 560 058 DWT) in July.**

International Maritime Risk Rating agency identified 284 vessels operating with the risk upper compared to the fleet average. The highest individual risk rating was 65%, nearly 30% than the fleet average.



During July 19 vessels (out of 1,364 assessed) were involved in incidents.

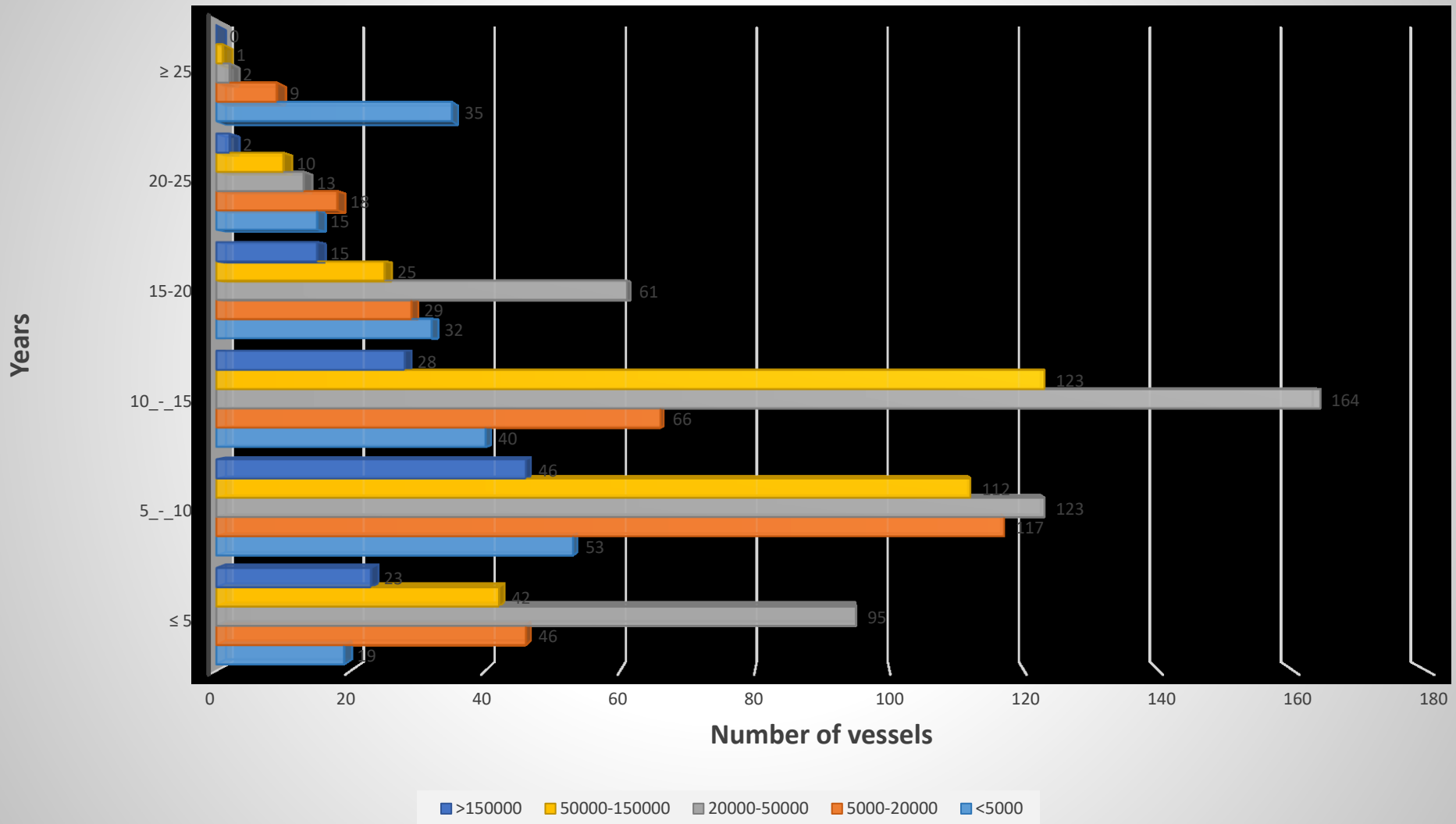
IMRRA evaluated 1,364 oil & gas vessels, aged 0-25 years through a range of deadweights (DWT).

Analysis of the data shows:

- 1) DWT 20,000 to 50,000 metric tonnes (MT), vessel age 10-15 years were the most prevalent for trading.
- 2) DWT 20,000 to 50,000 MT, vessel age 5-10 years were the second most traded.
- 3) DWT 50,000 to 150,000 MT, aged 10-15 were third.

<b>Number of evaluated vessels in July 2017</b>					
<b>Years</b>	<b>Deadweight</b>				
	<5000	5000-20000	20000-50000	50000-150000	>150000
≥ 25 years	35	9	2	1	0
20-25 years	15	18	13	10	2
15-20 years	32	29	61	25	15
10-15 years	40	66	164	123	28
5-10 years	53	117	123	112	46
≤ 5 years	19	46	95	42	23

# Tanker Vessels





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