



## **IMRRA's October 2017 Newsletter**

**Summary Analysis of Data Assessed and Collated During September 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.

2 430 vessels were assessed by IMRRA in September 2017, among them 75 vessels with 603 deficiencies were recognized as vessels with poor results of PSC inspection (equal 5 or more deficiencies). Among these 75 vessels, 8 were recognized with detention.

Below presented graphics based on amount vessels with poor PSC results (Oil/Chemical Tankers, LPG/LNG, OBO vessels – 75 vessels in total) upon screening results that show ratio of recognized issues from the vessel's age.

<b>September 2017</b>			
<b>Tanker Vessels</b>			
<b>Delivery date (0-5 years)</b>	<b>Number of vessels</b>	<b>Number of deficiencies</b>	<b>Detentions</b>
1981-1986	6	47	2
1987-1992	7	92	0
1993-1998	10	101	2
1999-2004	14	105	1
2005-2010	25	164	3
2011-2016	11	83	0
2017	2	11	0
<b>Total</b>	<b>75</b>	<b>603</b>	<b>8</b>

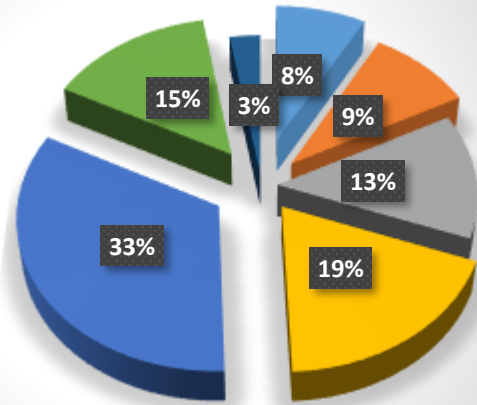
**IMRRA**

**[www.marinerating.com](http://www.marinerating.com)**

### Tanker Vessels

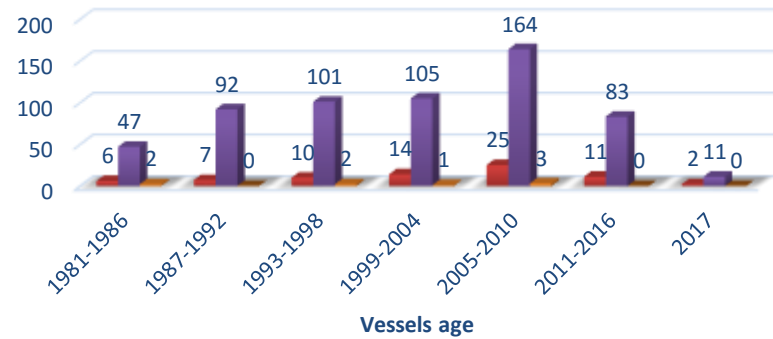
- 1981-1986
- 1987-1992
- 1993-1998
- 1999-2004
- 2005-2010
- 2011-2016
- 2017

Vessel's age



Percentage of vessels with deficiencies by age

### Tanker Vessels by Age/Deficiencies/Detentions

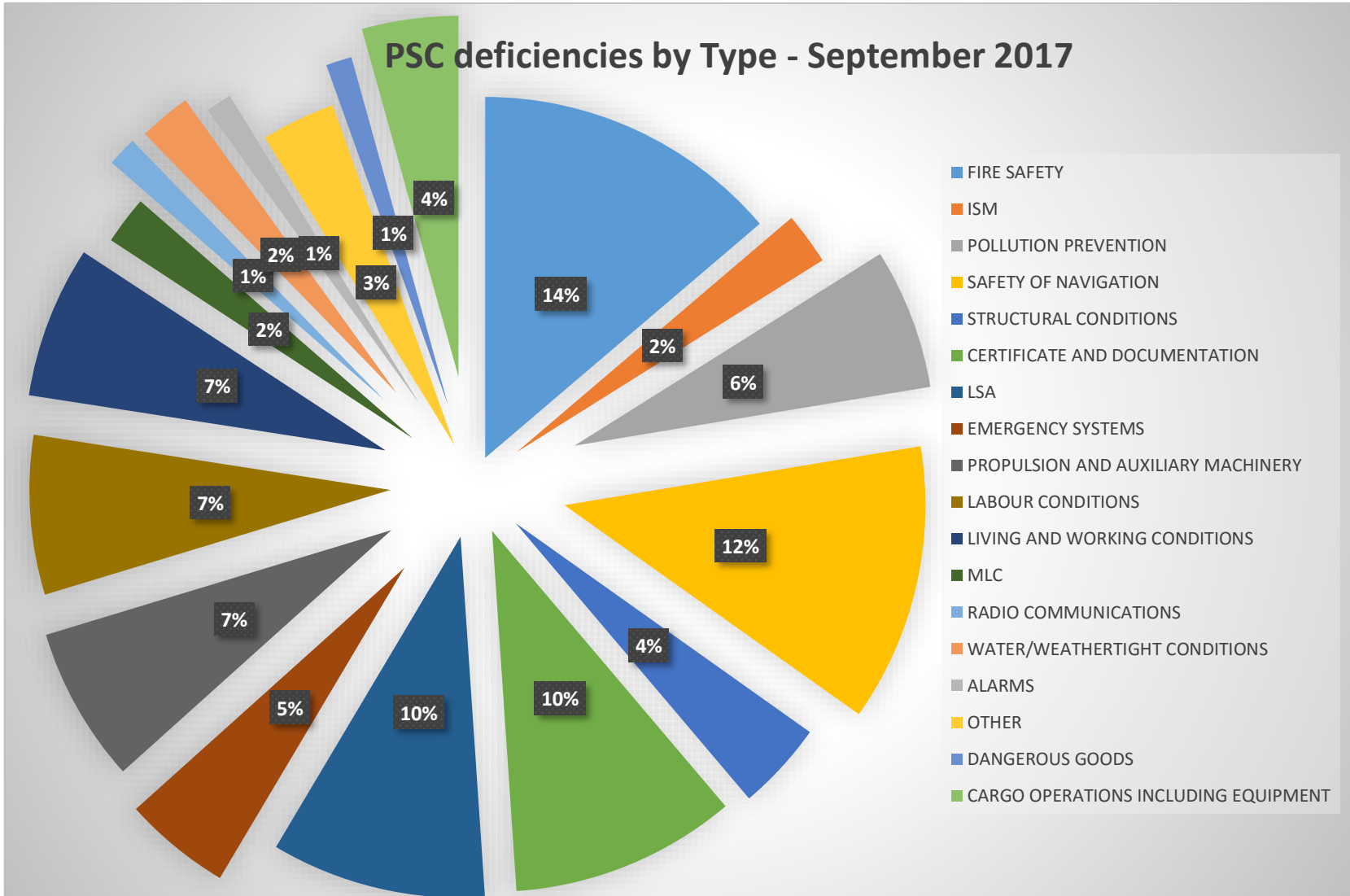


Number of vessels    Number of deficiencies    Detentions

**Following are PSC deficiencies by Type Researched by IMRRA Analysts During  
September 2017**

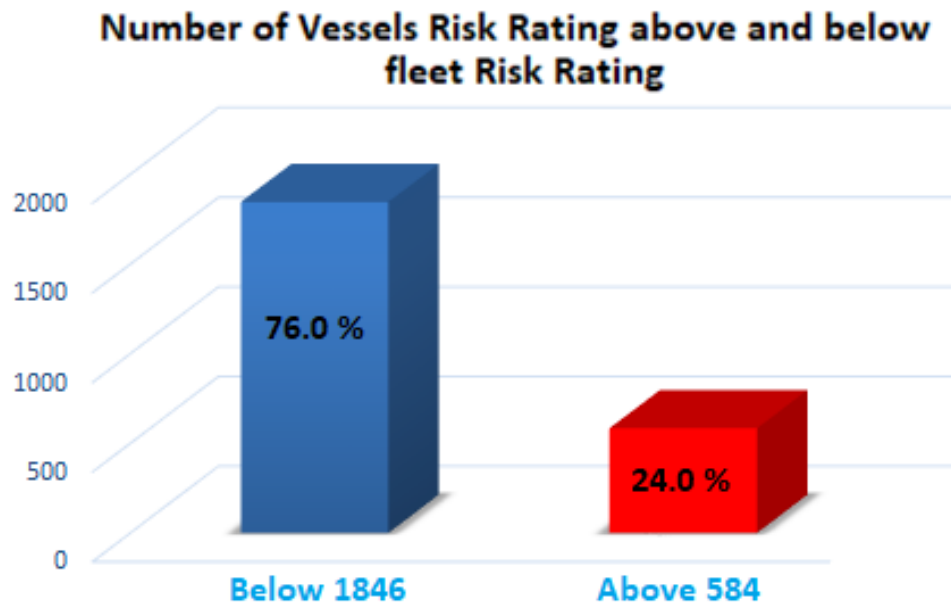
<b>PSC deficiencies by Type – September 2017</b>	
<b>Name</b>	<b>Number</b>
FIRE SAFETY	83 (14%)
ISM	14 (2%)
POLLUTION PREVENTION	38 (6%)
SAFETY OF NAVIGATION	75 (12%)
STRUCTURAL CONDITIONS	24 (4%)
CERTIFICATE AND DOCUMENTATION	61 (10%)
LSA	58 (10%)
EMERGENCY SYSTEMS	29 (5%)
PROPULSION AND AUXILIARY MACHINERY	42 (7%)
LABOUR CONDITIONS	43 (7%)
LIVING AND WORKING CONDITIONS	41 (7%)
MLC	13 (2%)
RADIO COMMUNICATIONS	8 (1%)
WATER/WEATHERTIGHT CONDITIONS	14 (2%)
ALARMS	7 (1%)
OTHER	20 (3%)
DANGEROUS GOODS	7 (1%)
CARGO OPERATIONS INCLUDING EQUIPMENT	26 (4%)
<b>Total</b>	<b>603</b>

## PSC deficiencies by Type - September 2017



**IMRRA screened 2,430 vessels (126 762 229 DWT) in September.**

International Maritime Risk Rating agency identified 584 vessels as operating with the risk upper than average risk rating on the website. The maximum percent of risk that was find out in September is 67%.

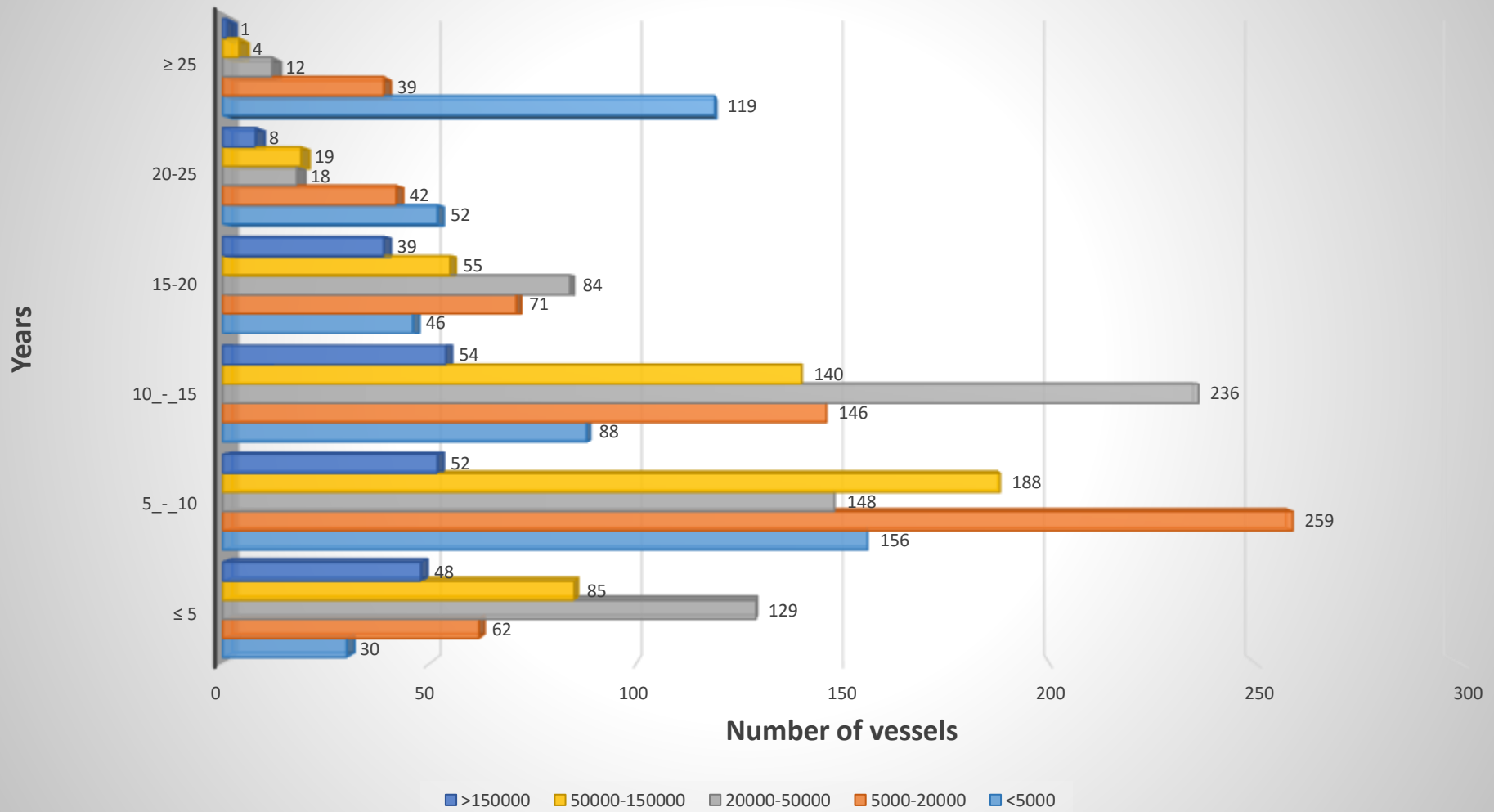


During carrying out of screening, rating agency was notifying that 29 vessels (out of 2 430 got involved into incidents in September.

IMRRA evaluated more than 2 430 tanker vessels with the age 0-25 years and different deadweight (DWT) last September. We can see that vessels with DWT from 5000 to 20000 mt and with age 5-10 years were the most “popular” for trading. DWT from 20000 to 50000 mt with the age 10-15 years have a second score and DWT from 50000 to 150000 mt with age 5-10 have a third score.

<b>Number of evaluated vessels in September 2017</b>					
<b>Years</b>	<b>Deadweight</b>				
	<5000	5000-20000	20000-50000	50000-150000	>150000
≥ 25 years	119	39	12	4	1
20-25 years	52	42	18	19	8
15-20 years	46	71	84	55	39
10-15 years	88	146	236	140	54
5-10 years	156	259	148	188	52
≤ 5 years	30	62	129	85	48

# Tanker Vessels





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