

IMRRA's March 2017 Newsletter Analysis Update

IMRRA Vessel Risk Assessment Data March 2017 Summary:

	Jan-17	Feb-17	Mar-17
Average Vessel Risk Rating	37%	37.00%	37%
Number of Tanker screenings undertaken	1,638	1,549	1,632
DWT of Vessels Assessed	89,881,554	81,337,655	85,402,052
Higher Risk Rating Vessels	346	258	287
Safe Vessels Below Average Risk Rating	1,292	1,291	1,345
Tanker Minimum Risk Rating	19	21%	22%
Tanker Maximum Risk Rating	67%	65%	75%
Casualty Incidents (From RA screenings)	16	28	33
Vessels with poor PSC (five or more deficiencies)	81	90	107
PSC Detentions Assessed	16	12	15

Commentary:

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/>)

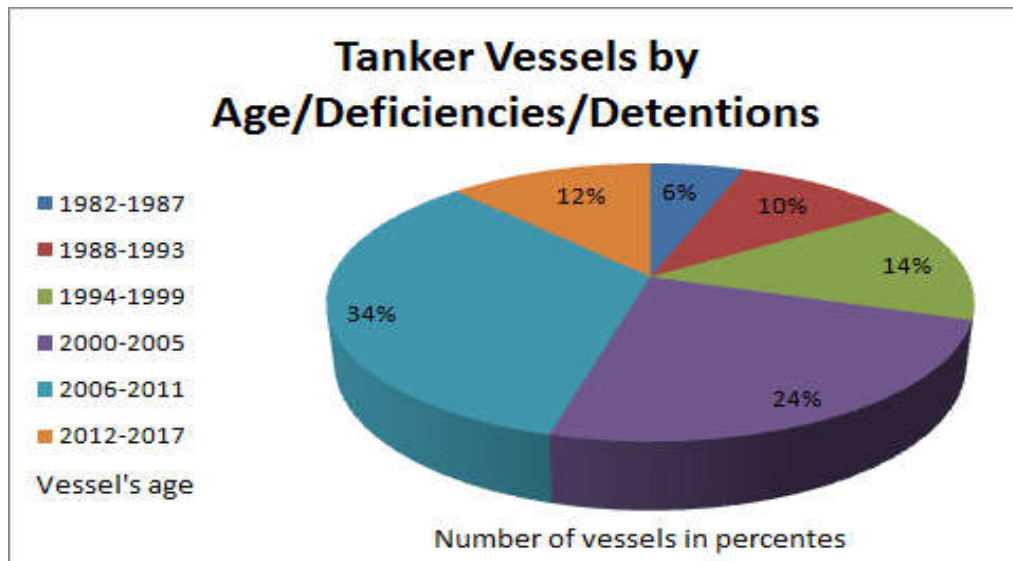
PSC is very important instrument in raising standards of Maritime Safety as well as it is an important parameter in the risk assessment process.

IMRRA's Data Collection Summary:

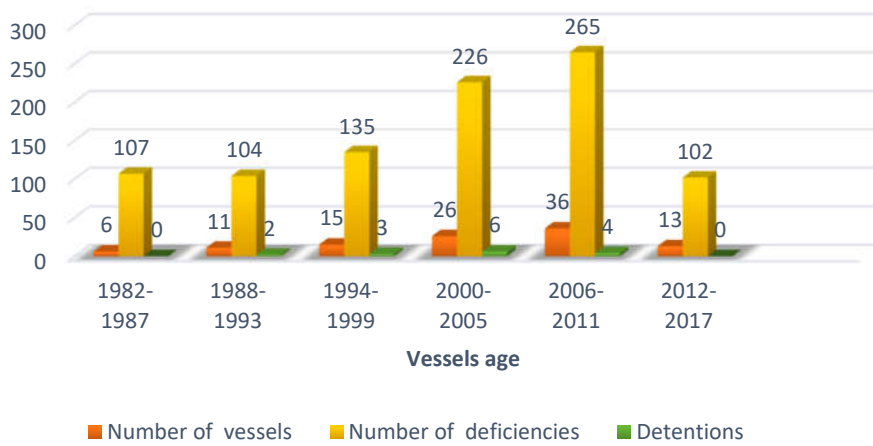
1,632 vessels were assessed by IMRRA in March 2017, among them 107 vessels with 939 deficiencies were recognized as vessels with poor results of PSC inspection (equal 5 or more deficiencies). Among these 107 vessels, 15 were recognized with detention. The table below gives a breakdown on the age profile of tankers that were detained.

March 2017			
Tanker Vessels			
Delivery date (0-5 years)	Number of vessels	Number of deficiencies	Detentions
1982-1987	6	107	0
1988-1993	11	104	2
1994-1999	15	135	3
2000-2005	26	226	6
2006-2011	36	265	4
2012-2017	13	102	0
Total	107	939	15

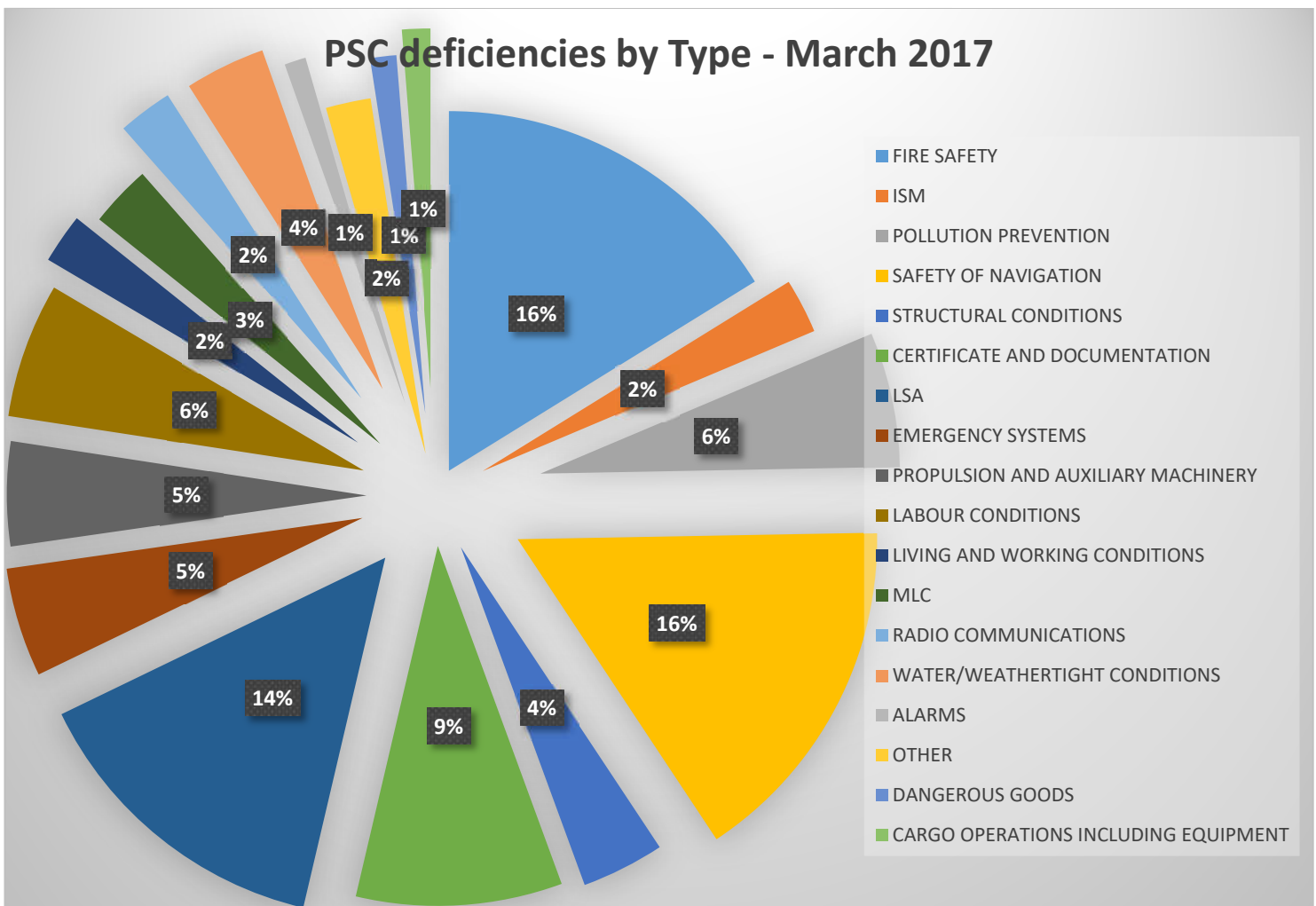
Scroll down for graphical representations on vessels with poor Port State Control results (Oil/Chemical Tankers, LPG/LNG, OBO vessels - 107 vessels in total), directly related recognized issues due to the vessel's age.



Tanker Vessels by Age/Deficiencies/Detentions

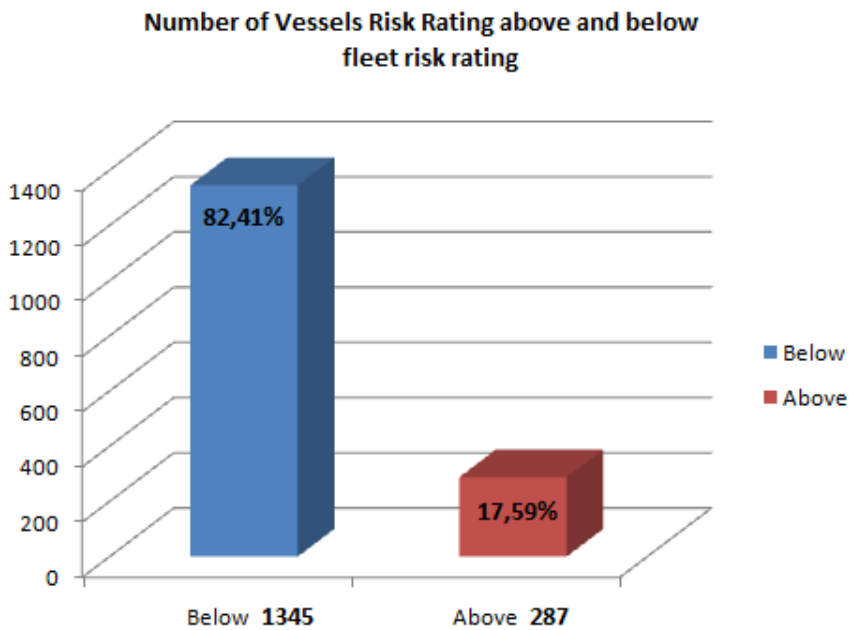


PSC deficiencies by Type - March 2017



IMRRA screened and risk assessed 1,632 vessels (85,402,052 DWT) in March.

IMRRA identified 287 vessels as operating with the risk upper than average risk rating on the website. The highest risk rated vessel was 75%.

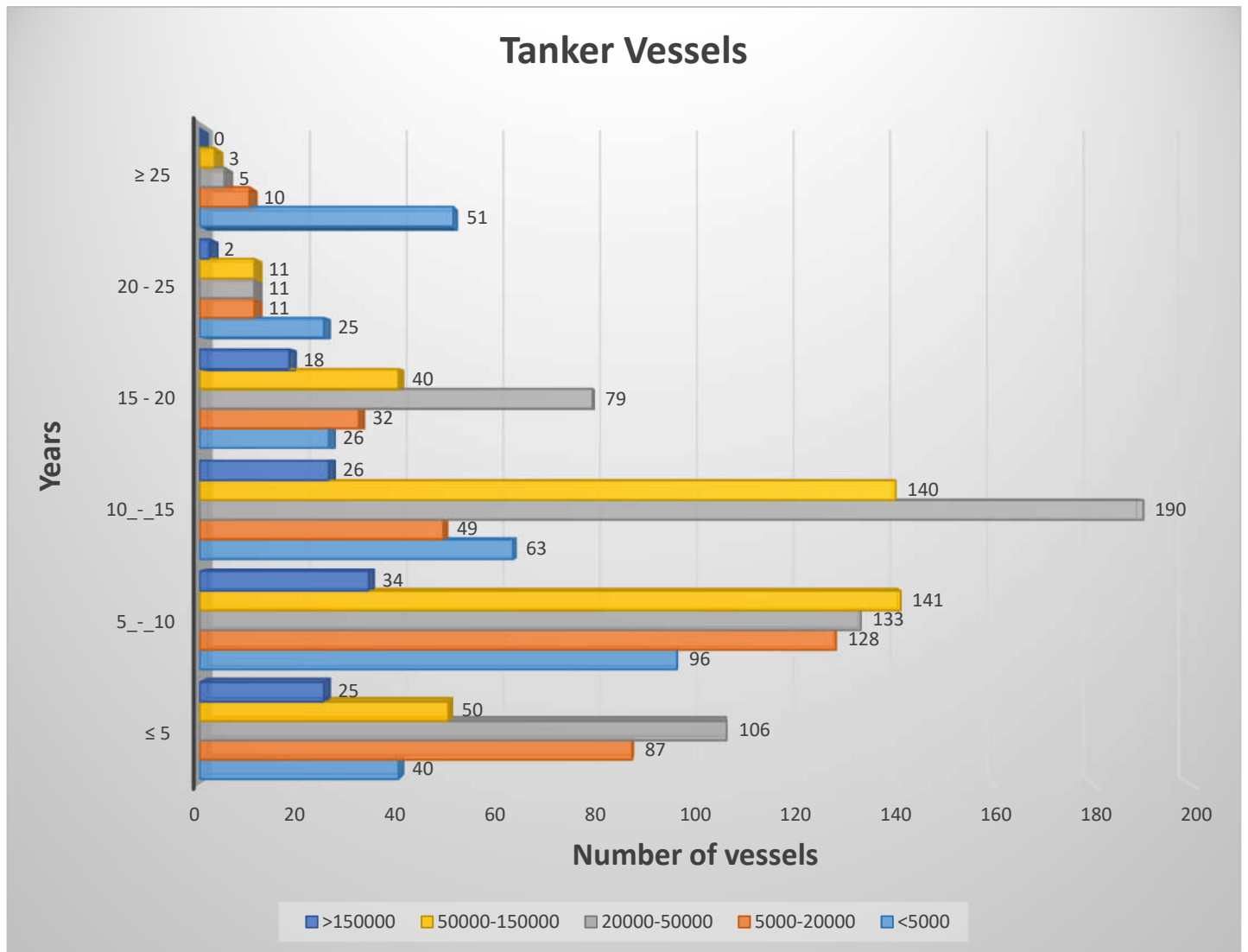


During carrying out of screening, rating agency was notifying that 33 vessels (out of 1,632) got involved into incidents in March.

Age of Vessel V Deadweight Trade Analysis

During March IMRRA evaluated more than 1,632 tanker vessels, aged 0-20 years with differing DWTs during March. We can observe vessels with DWT from 20,000 to 50,000 mt and aged 10-15 years were the most “popular” for trades. Joint second and third scores were 50,000 to 150,000 mt, aged 10-15, and 5-10 years.

Number of evaluated vessels in March 2017					
Years	Deadweight				
	<5000	5000-20000	20000-50000	50000-150000	>150000
≥ 25 years	51	10	5	3	0
20-25 years	25	11	11	11	2
15-20 years	26	32	79	40	18
10-15 years	63	49	190	140	26
5-10 years	96	128	133	141	34
≤ 5 years	40	87	106	50	25



PSC deficiencies by Type and Percentage, researched by IMRRA team during March 2017 on the screening results:

PSC deficiencies by Type – March 2017	
Name	Number
FIRE SAFETY	152
ISM	23
POLLUTION PREVENTION	57
SAFETY OF NAVIGATION	150
STRUCTURAL CONDITIONS	35
CERTIFICATE AND DOCUMENTATION	87
LSA	133
EMERGENCY SYSTEMS	46
PROPULSION AND AUXILIARY MACHINERY	44
LABOUR CONDITIONS	57
LIVING AND WORKING CONDITIONS	21
MLC	26
RADIO COMMUNICATIONS	23
WATER/WEATHERTIGHT CONDITIONS	34
ALARMS	9
OTHER	19
DANGEROUS GOODS	11
CARGO OPERATIONS INCLUDING EQUIPMENT	12
Total	939

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