

IMRRA's May 2017 Newsletter Analysis Update

IMRRA Vessel Risk Assessment Data April 2017 Summary:

	Jan-17	Feb-17	Mar-17	Apr-17
Average Risk Rating	37%	37.00%	37%	37%
Tanker screenings	1,638	1,549	1,632	1,444
Vessels Assessed DWT	89,881,554	81,337,655	85,402,052	95,373,797
Higher Risk Rating Vessels	346	258	287	229
Below Risk Rating Vessels	1292	1,291	1,345	1,444
Minimum Risk Rating	19	21%	22%	20%
Maximum Risk Rating	67%	65%	75%	61
Casualty Incidents (From RA screenings)	16	28	33	21
Vessels with poor PSC (five or more deficiencies)	81	90	107	81
Detentions Assessed	16	12	15	5

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/>)

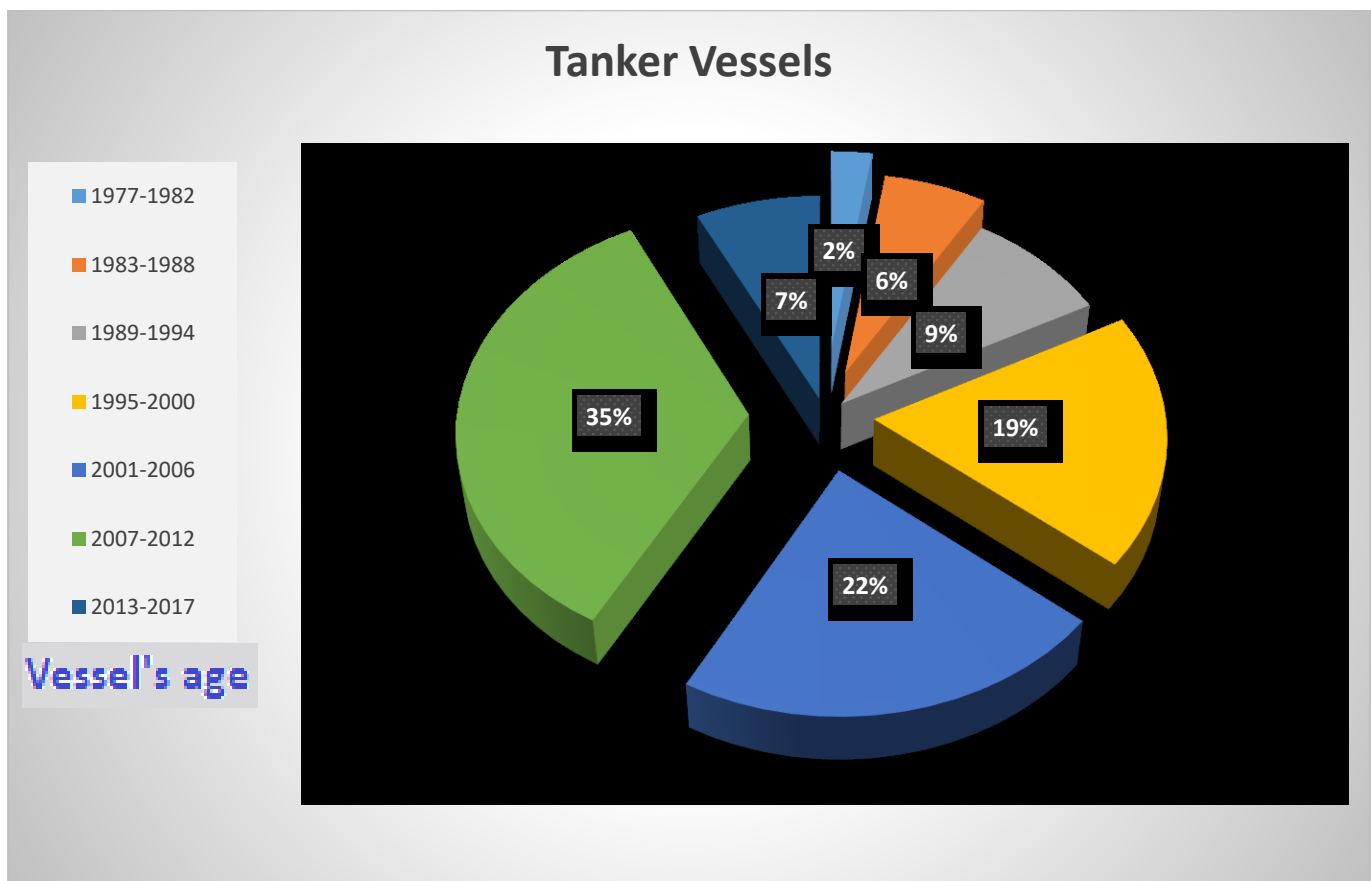
PSC is very important instrument in raising standards of Maritime Safety as well as it is an important parameter in the risk assessment process.

IMRRA's April Data Screening Summary:

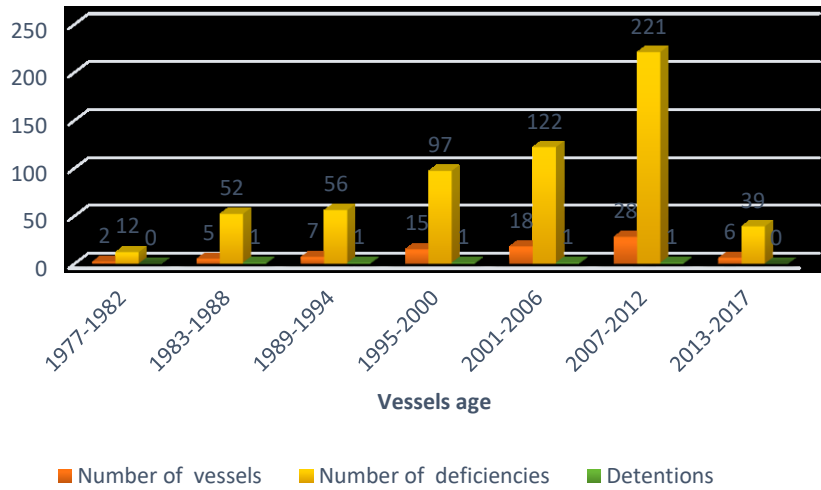
1,444 vessels were assessed by IMRRA in April 2017, among them 81 vessels with 599 deficiencies were recognized as vessels with poor results of PSC inspection (equal 5 or more deficiencies). Among these 81 vessels, five vessels were recognized with detention.

Graphics below are based on number of vessels with poor PSC results (Oil/Chemical Tankers, LPG/LNG, OBO vessels - 81 vessels in total) that were screened, demonstrating the relationship between vessel age and deficiencies.

April 2017			
Tanker Vessels			
Delivery Date (0-5 years)	Number of vessels	Number of deficiencies	Detentions
977-1982	2	12	0
1983-1988	5	52	1
1989-1994	7	56	1
1995-2000	15	97	1
2001-2006	18	122	1
2007-2012	28	221	1
2013-2017	6	39	0
Total	81	599	5



Tanker Vessels by Age/Deficiencies/Detentions



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

PSC deficiencies by Type – April 2017	
Name	Number
FIRE SAFETY	112
ISM	24
POLLUTION PREVENTION	49
SAFETY OF NAVIGATION	57
STRUCTURAL CONDITIONS	19
CERTIFICATE AND DOCUMENTATION	76
LSA	60
EMERGENCY SYSTEMS	24
PROPULSION AND AUXILIARY MACHINERY	33
LABOUR CONDITIONS	45
LIVING AND WORKING CONDITIONS	18
MLC	2
RADIO COMMUNICATIONS	14
WATER/WEATHERTIGHT CONDITIONS	41
ALARMS	7
OTHER	5
DANGEROUS GOODS	8
CARGO OPERATIONS INCLUDING EQUIPMENT	5
Total	599

During April 2017, IMRRA evaluated more than 1,444 tanker vessels across all deadweights (DWT) between 0-20 years.

The table shows vessels 20,000 to 50,000 DWT, aged 10-15 years were the most heavily traded. Second 50,000 to 150,000 age 5-10 years, with vessels in the 10-15 years third.

Number of evaluated vessels in April 2017					
Years	Deadweight				
	<5000	5000-20000	20000-50000	50000-150000	>150000
≥ 25 years	17	5	1	2	0
20-25 years	16	12	5	10	1
15-20 years	21	26	53	23	22
10-15 years	46	48	179	138	24
5-10 years	83	103	124	150	62
≤ 5 years	23	63	67	78	42

