

IMRRA's June 2017 Newsletter Analysis Update

IMRRA Vessel Risk Assessment Data June 2017 Summary:

| | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 |
|--|-------------|--------------|--------------|--------------|--------------|
| Average Risk Rating | 37% | 37.00% | 37% | 37% | 35.7% |
| Tanker screenings | 1,638 | 1,549 | 1,632 | 1,444 | 2,192 |
| Vessels Assessed DWT | 89,881,554 | 81,337,655 | 85,402,052 | 95,373,797 | 138,676,513 |
| Higher Risk Rating Vessels | 346 | 258 | 287 | 229 | 513 |
| Below Risk Rating Vessels | 1292 | 1,291 | 1,345 | 1,444 | 1,639 |
| Minimum Risk Rating | 19 | 21% | 22% | 20% | 19% |
| New! - Percentage of Fleet Below Average Risk Rating | | | | | 76.6% |
| New! - Percentage of Fleet Above Average Risk Rating | | | | | 32.4% |
| Maximum Risk Rating | 67% | 65% | 75% | 61% | 67% |
| Casualty Incidents (From RA screenings) | 16 | 28 | 33 | 21 | 21 |
| Vessels with poor PSC (five or more deficiencies) | 81 | 90 | 107 | 81 | 125 |
| Detentions Assessed | 16 | 12 | 15 | 5 | 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/>)

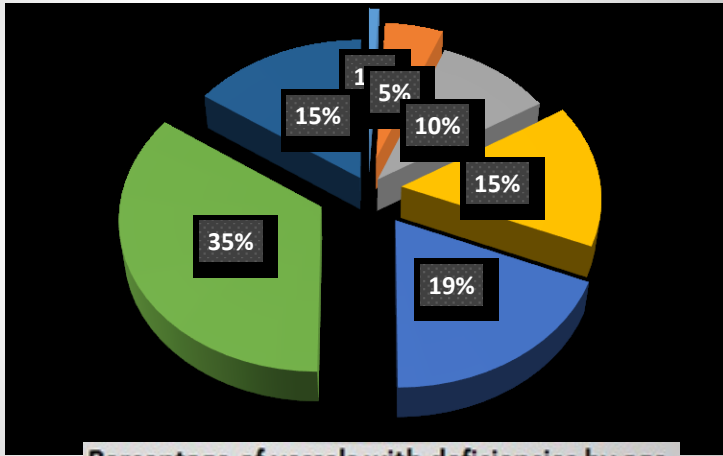
PSC is very important instrument in raising standards of Maritime Safety as well as it is an important parameter in the risk assessment process.

| May 2017 | | | |
|----------------------------------|--------------------------|-------------------------------|-------------------|
| Tanker Vessels | | | |
| Delivery date (0-5 years) | Number of vessels | Number of deficiencies | Detentions |
| 1975-1980 | 1 | 11 | 1 |
| 1981-1986 | 6 | 66 | 1 |
| 1987-1992 | 12 | 114 | 1 |
| 1993-1998 | 18 | 149 | 3 |
| 1999-2004 | 22 | 155 | 3 |
| 2005-2010 | 41 | 271 | 5 |
| 2011-2016 | 18 | 125 | 1 |
| Total | 118 | 891 | 15 |

| <u>PSC deficiencies by Type – May 2017</u> | |
|---|---------------|
| Name | Number |
| FIRE SAFETY | 146 |
| ISM | 29 |
| POLLUTION PREVENTION | 31 |
| SAFETY OF NAVIGATION | 99 |
| STRUCTURAL CONDITIONS | 42 |
| CERTIFICATE AND DOCUMENTATION | 94 |
| LSA | 89 |
| EMERGENCY SYSTEMS | 34 |
| PROPULSION AND AUXILIARY MACHINERY | 39 |
| LABOUR CONDITIONS | 61 |
| LIVING AND WORKING CONDITIONS | 29 |
| MLC | 25 |
| RADIO COMMUNICATIONS | 19 |
| WATER/WEATHERTIGHT CONDITIONS | 30 |
| ALARMS | 10 |
| OTHER | 48 |
| DANGEROUS GOODS | 17 |
| CARGO OPERATIONS INCLUDING EQUIPMENT | 49 |
| Total | 891 |

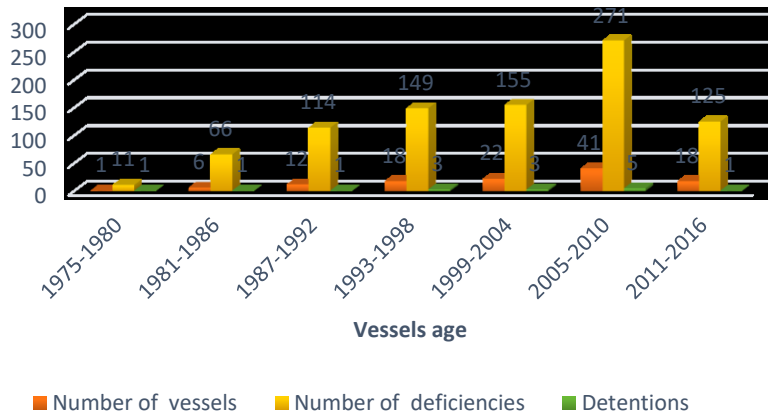
Tanker Vessels

- 1975-1980
 - 1981-1986
 - 1987-1992
 - 1993-1998
 - 1999-2004
 - 2005-2010
 - 2011-2016
- Vessel's age

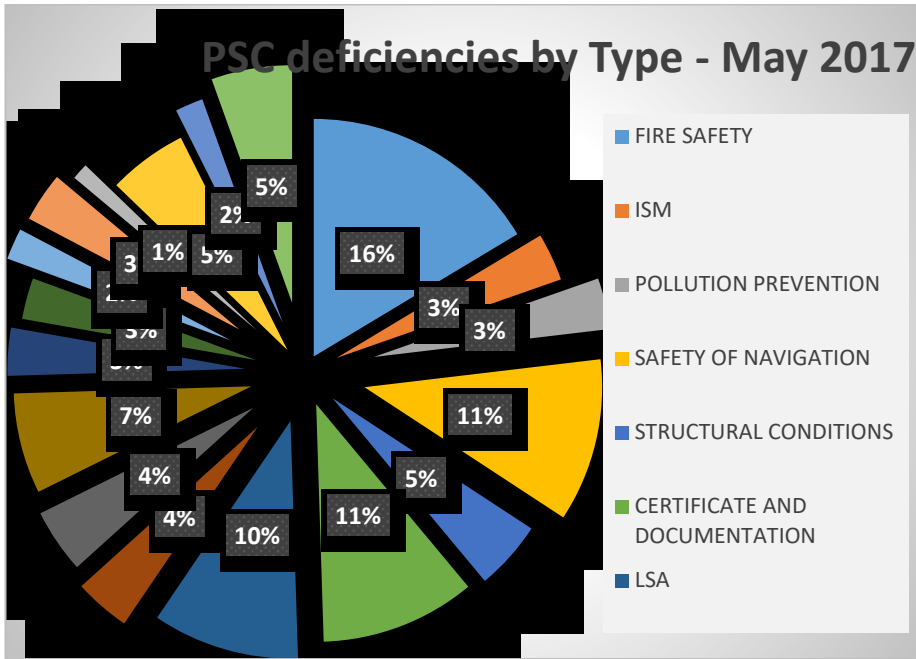


Percentage of vessels with deficiencies by age

Tanker Vessels by Age/Deficiencies/Detentions



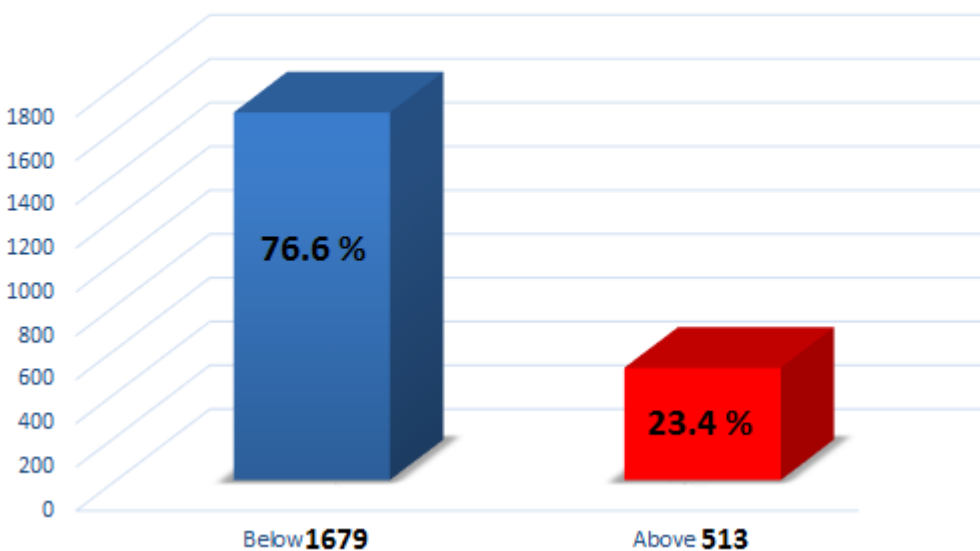
PSC deficiencies by Type (by percentage) found by IMRRA team in May 2017 on the screening results.



IMRRA screened 2,192 vessels (138676513 DWT) in May.

IMRRA identified 513 vessels as operating with the risk upper than average risk rating on the website. The maximum percent of risk that was find out in May is 67%.

Number of Vessels Risk Rating above and below fleet risk rating



i) During carrying out of screening, rating agency was notifying that 21 vessels (out of 2,192) got involved into incidents in May.

ii) During May IMRRA evaluated more than 2,192 tanker vessels across all deadweights (DWT) between the ages 0-25 years.

iii) 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 DWT, vessel age 5-10 years, with vessels from 5,000 to 20,000 DWT third.

| Number of evaluated vessels in May 2017 | | | | | |
|---|------------|------------|-------------|--------------|---------|
| Years | Deadweight | | | | |
| | <5000 | 5000-20000 | 20000-50000 | 50000-150000 | >150000 |
| ≥ 25 years | 86 | 22 | 4 | 6 | 0 |
| 20-25 years | 33 | 29 | 18 | 24 | 8 |
| 15-20 years | 30 | 49 | 64 | 43 | 33 |
| 10-15 years | 82 | 84 | 210 | 148 | 46 |
| 5-10 years | 108 | 201 | 179 | 205 | 85 |
| ≤ 5 years | 39 | 86 | 101 | 102 | 67 |

Tanker Vessels

