



IMRRA's May 2020 Newsletter



Vessel Safety Performance Data for Chemical, Gas, Oil and Oil-Bulk-Ore Vessels

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In May's newsletter there are PSC Deficiencies by vessel type for chemical, gas, oil and OBO vessels. Plus, details on a vessel given a high-risk rating in 2018, that was disabled in April 2020, demonstrating how the vessel's past operating performance is a key indicator of future performance.

International Maritime Risk Rating Agency Product Development:

Vessel risk rating reports now easier to use! IMRRA's vessel risk rating reports have been updated into a new customer facing format. At the beginning of the sample report there is a new vessel intelligence section summarising key operational challenges and high-risk factors for the vessel over the previous 12-months. This is immediately followed by the Operator's risk rating, quickly informing the reader of the vessel's technical manager, casualty history etc.

The report demonstrates the exhaustive information collated by IMRRA's analysts when assessing a vessel. Other information collated includes:

- Class
- Ships Certificates
- PSC History
- Marine Terminals Feedback
- P&I
- Crew
- Drydock
- Condition Assessment Program
- Movement data, port callings and trading areas

To review the new sample vessel risk report, and assess the information collated and summarised on the vessel's safety click [here](#).

Now for May's vessel safety statistics!

1. Most Common Port State Control Deficiencies - April 2020

All vessel types - Chemical, Gas & Oil, and OBO.

	Most Common Deficiencies	Number	Percentage
1	Emergency Systems	34	16%
2	Safety of Navigation	32	15%
3	Living and Working Conditions	23	11%
4	Life Saving Apparatus	22	11%
5	Propulsion and Auxiliary Machinery	21	10%
6	Labour Conditions	17	8%
7	Water/Watertight Conditions	15	7%
8	Pollution Prevention	13	6%

9	Radio Communications	9	4%
10	Fire Safety	8	4%
11	Cargo Operations inc. Equipment	5	2%
12	Certificate and Documentation	4	2%
13	ISM	4	2%
14	Other	1	1%
15	Structural Conditions	0	1%
16	Dangerous Goods	0	0%
17	Alarms	0	0%
<u>18</u>	<u>MLC</u>	<u>0</u>	<u>0%</u>
	Total	208	

2. Oil Tanker Only PSC deficiencies - April 2020

Ranking	Name	Number
1	PROPULSION AND AUXILIARY MACHINERY	22
2	SAFETY OF NAVIGATION	17
3	FIRE SAFETY	11
4	LSA	10
5	LABOUR CONDITIONS	7
6	EMERGENCY SYSTEMS	6
7	ISM	5
8	POLLUTION PREVENTION	5
9	CERTIFICATE AND DOCUMENTATION	5
10	WATER/WEATHERTIGHT CONDITIONS	1
11	CARGO OPERATIONS INCLUDING EQUIPMENT	1
12	STRUCTURAL CONDITIONS	0
13	LIVING AND WORKING CONDITIONS	0
14	MLC	0
15	RADIO COMMUNICATIONS	0
16	ALARMS	0
17	OTHER	0
<u>18</u>	<u>DANGEROUS GOODS</u>	<u>0</u>
	Total:	90

2.1 Oil Tanker Deficiencies by Age and Detentions - April 2020

Vessel's age	Number of vessels	Number of deficiencies	Detentions
≤ 5 years	0	0	0
5-15 years old	3	53	1
≥ 15 years	4	37	0
Total:	7	90	1

3. Chemical Tanker Only Deficiencies - April 2020

Ranking	Name	Number
1	SAFETY OF NAVIGATION	13
2	LABOUR CONDITIONS	12
3	LSA	10
4	PROPULSION AND AUXILIARY MACHINERY	9
5	POLLUTION PREVENTION	8
6	WATER/WEATHERTIGHT CONDITIONS	8
7	FIRE SAFETY	7
8	CERTIFICATE AND DOCUMENTATION	6
9	EMERGENCY SYSTEMS	6
10	STRUCTURAL CONDITIONS	4
11	LIVING AND WORKING CONDITIONS	4
12	ISM	3
13	CARGO OPERATIONS INCLUDING EQUIPMENT	3
14	RADIO COMMUNICATIONS	1
15	MLC	0
16	ALARMS	0
17	OTHER	0
<u>18</u>	<u>DANGEROUS GOODS</u>	<u>0</u>
	Total:	94

3.1 Chemical Tanker Deficiencies by Age and Detentions - April 2020

Vessel's age	Number of vessels	Number of deficiencies	Detentions
≤ 5 years	0	0	0
5-15 years old	5	46	1
<u>≥ 15 years</u>	<u>3</u>	<u>48</u>	<u>1</u>
Total:	8	94	2

4. Gas Tanker Only Deficiencies - April 2020

Ranking	Name	Number
1	FIRE SAFETY	3
2	POLLUTION PREVENTION	3
3	LABOUR CONDITIONS	2
4	CERTIFICATE AND DOCUMENTATION	1
5	LSA	1
6	PROPULSION AND AUXILIARY MACHINERY	1
7	ISM	0
8	SAFETY OF NAVIGATION	0
9	STRUCTURAL CONDITIONS	0
10	EMERGENCY SYSTEMS	0
11	LIVING AND WORKING CONDITIONS	0
12	MLC	0
13	RADIO COMMUNICATIONS	0
14	WATER/WEATHERTIGHT CONDITIONS	0
15	ALARMS	0
16	OTHER	0
17	DANGEROUS GOODS	0
<u>18</u>	<u>CARGO OPERATIONS INCLUDING EQUIPMENT</u>	<u>0</u>
	Total:	11

4.1 Gas Tanker Deficiencies by Age and Detentions - April 2020

Vessel's age	Number of vessels	Number of deficiencies	Detentions
≤ 5 years	1	6	0
5-15 years old	0	0	0
<u>≥ 15 years</u>	<u>1</u>	<u>5</u>	<u>0</u>
Total:	2	11	0

5. Oil-Bulk-Ore Only Deficiencies - April 2020

Ranking	Name	Number
1	EMERGENCY SYSTEMS	3
2	SAFETY OF NAVIGATION	2
3	LSA	2
4	PROPULSION AND AUXILIARY MACHINERY	2
5	FIRE SAFETY	1
6	POLLUTION PREVENTION	1
7	CERTIFICATE AND DOCUMENTATION	1
8	CARGO OPERATIONS INCLUDING EQUIPMENT	1
9	ISM	0
10	STRUCTURAL CONDITIONS	0
11	LABOUR CONDITIONS	0
12	LIVING AND WORKING CONDITIONS	0
13	MLC	0
14	RADIO COMMUNICATIONS	0
15	WATER/WEATHERTIGHT CONDITIONS	0
16	ALARMS	0
17	OTHER	0
<u>18</u>	<u>DANGEROUS GOODS</u>	<u>0</u>
	Total:	13

5.1 OBO Defficiencies by Age and Detentions - April 2020

Vessel's age	Number of vessels	Number of deficiencies	Detentions
≤ 5 years	0	0	0
5-15 years old	0	0	0
<u>≥ 15 years</u>	<u>1</u>	<u>13</u>	<u>0</u>
Total:	1	13	0

6. IMRRA Jan-Apr 2020 Data Summary of all Vessels Risk Assessed

	January	February	March	April
Vessels Safety Risk Rated	1,593	1,252	1,301	1,269
DWT Safety Risk Rated	82,790,152	68,390,917	73,142,911	63,823
Vessels Higher Risk Amber & Red Safety Rated	423	356	308	338
Vessels 'Green' Safety Risk Rated	1,170	896	993	931
Benchmarked 'Average Vessel' Risk Rating	34%	34%	34%	34%
Risk Lowest Green Rated Vessels	23%	25%	25%	24%
Risk Highest Red Rated Vessel	63%	74%	63%	62%
Percentage of Fleet Below Average Risk Rating	73.5%	71.6%	76.3%	73.4%
Percentage of Fleet Above Average Risk Rating	26.5%	28.40%	23.7%	26.6%
Vessel Casualty Incidents Analyzed	20	27	20	31
Vessels Risk Assessed with poor PSC (five or more deficiencies)	77	66	42	18
Total Deficiencies	605	637	402	208
Detentions Assessed	8	17	4	3

7. IMRRA's Red/Amber/Green Predictive Risk Ratings in Accident Action!

Reports below were taken during March's [FleetMon's Maritime News Service](#).

First, a quick reminder regarding marinerating.com's traffic-light safety risk ratings: Red = Poor safety risk; Amber= Average fleet risk; Green = Good!

The question you need to ask yourself is how far above? Or below? Is the vessel percentage compared to the fleet average of 35%?

Followed by the second question you should ask yourself, what is my company's risk?

7.1. Disabled tanker towed through ice by nuclear icebreakers, Russian Arctic - 29 April 2020. Vessel Safety Risk Rated 'Amber', specific vessel risk rating 42% (15 March 2018)

Product tanker VARZUGA was disabled in ice in Gulf of Ob, Russian Western Arctic, on Mar 29, after azipod breakdown. Tanker was towed through ice to free water by nuclear

icebreakers VAYGACH and 50 LET POBEDY, reaching ice barrier on Apr 3. Tanker in ballast was taken on tow by offshore supply tug UMKA (IMO 9171620), to be towed to Murmansk. Photos including curious polar bears closely watching ice towage, provided by RosAtomAflot, owner of nuclear icebreakers.

If you haven't looked at marinerating.com for some time, now would be a good time to have 12-Months free annual subscription: [click here](#) to register now!

If you have any questions regarding IMRRA's monthly aggregated statistics, our vessel safety risk rating reports, or new vessels sanction information, get in touch.

As always questions do not cost anything! If you have any questions regarding the vessel data, do not hesitate to contact me if you have other data solutions your business needs.

Regards,

Wayne Hurley

Head of Business Development

e: Wayne.Hurley@marinerating.com

m: +44 (0)207 900 2841

www.marinerating.com

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