



## **IMRRA's November 2021 Newsletter**

Featuring:

**New - NEW, The Five Highest Red Risk Rated Vessels & Their Managers!**

Vessel PSC Deficiencies Ranked  
PSC Deficiencies by Vessel Age & Type  
Vessel Age & Detentions Relationship Vessels Offered for Trade by Type & Age  
Two examples of high vessel risk ratings and incidents



## IMRRA's November 2021 Newsletter

Dear Colleague,

During October 2021, 1,942 liquid cargo vessels, or 101 824 140 DWT was risk rated by IMRRA's analysts. Since the beginning of the year it is worth noting 19,990 Wet Cargo vessels have been risk rated by IMRAA.

452 vessels or 23.3% of all vessels risk rated were 'Red' or 'Amber' on the traffic light risk vessel warning system of Red/Amber/Green. 58 vessels had five-or-more Port State Control deficiencies, with 22 vessel incidents recorded. Six vessel detentions, up one from September were analysed in detail.

The top rated vessel risk rated, and therefore the safest rated was 20%. October's Liquid Cargo fleet KPI benchmarked average vessel risk rating is still 36%. The highest risk rated vessel put forward for charter was Red at 63%, over 27% higher than fleet average.

### 1. NEW, The Five Highest Red Risk Rated Vessels & Their Managers During October 2021

Rank	Vessel Name and Manager	IMO Number	Vessel Type	Risk Rating	Ave. Risk Rating	Variance
1	<b>MELODY</b> Nfs Shipping Inc (One vessel risk rated)	8800298	Gas Carrier	63%	36%	27%
2	<b>SYNERGY</b> Ever Union Inter maritime (Two vessels risk rated)	8801515	Oil Tanker	63%	37%	26%
3	<b>KRITI</b> Olympos Shipmanagement SA – one vessel risk rated (One vessel risk rated)	9333668	Chemical/Products Tanker	61%	37%	24%
4	<b>DE XIANG</b> Xing Xin Energy Co Ltd – three vessels risk rated (Three vessels risk rated)	8921509	Oil Tanker	61%	37%	24%
5	<b>EKAH</b> Eng Korea Co Ltd – one vessel risk rated (One vessel risk rated)	8605703	Oil Tanker	61%	37%	24%

#### 1.1 Liquid Vessel Risk Rating Average

For the past 18-months the average vessel risk has been increasing across all Wet Liquid vessel types (Chemical/Oil Products Tanker and Gas Carriers), resulting in the average vessel risk rating rising from 34% to 36% in April 2021. This was the first significant rise in benchmarked average vessel risk for over seven-years.

You can review the tables in real time at marinerating.com at [www.marinerating.com/ship-trends](http://www.marinerating.com/ship-trends)

## 1.2 IMRRA's Exclusive Chemical/Oil Products Tanker and Gas Carriers Risk Trends Data Table

Last:  2 years  year



\*Free 12-months trials available at [www.marinerating.com](http://www.marinerating.com)

### 2.1. October 2021 Port State Control Deficiencies Code Ranked

Ranking	Name	Deficiencies	Percentage
1	Fire Safety*	73	16%
2	Certificate and Documentation	59	13%
3	Life Saving Apparatus	45	10%
4	Safety of Navigation	43	9%
5	Labour Conditions	43	9%
6	ISM	34	7%
7	Emergency Systems	29	6%
8	Structural Conditions	21	5%
9	Water/Watertight Conditions	20	4%
10	Living and Working Conditions	17	4%
11	Other	17	4%
12	Pollution Prevention	16	3%
13	Propulsion and Auxiliary Machinery	16	3%
14	Radio Communications	12	3%
15	Cargo Operations inc. Equipment	7	2%
16	Alarms	6	1%
17	Dangerous Goods	3	1%

18	MLC	0	0%
	<b>Total</b>	<b>461</b>	

\*The top-five PSC deficiencies are the same grouping as the previous month.

## **2.2. PSC Deficiencies Table Comparison by Vessel Type October 2021**

<b>Port State Control Deficiency</b>	<b>Chemical &amp; Oil Product Tankers</b>	<b>Oil Tankers</b>	<b>Gas Carriers</b>
Fire Safety	43	22	6
ISM	20	11	3
Pollution Prevention	8	4	4
Safety of Navigation	23	17	3
Structural Conditions	11	4	5
Certificate and Documentation	35	14	10
Life Saving Apparatus	31	13	1
Emergency Systems	19	9	1
Propulsion and Auxiliary Machinery	9	6	1
Labour Conditions	25	13	0
Living and Working Conditions	14	3	0
MLC	0	0	0
Radio Communications	6	6	0
Water/Watertight Conditions	12	4	1
Alarms	5	1	0
Other	12	5	0
Dangerous Goods	3	0	0
Cargo Operations inc. Equipment	2	2	3
<b>Total:</b>	<b>278</b>	<b>134</b>	<b>38</b>

## **2.3 Chemical/Oil Product Tankers Vessel Age, Deficiencies and Detentions - Chemical/Oil Product Tankers October 2021**

<b>Vessel's age</b>	<b>Number of Vessels</b>	<b>Number of Deficiencies</b>	<b>Detentions</b>
≤ 5 years	2	19	0
5-15 years old	19	155	1
≥ 15 years	16	104	1
<b>Total:</b>	<b>37</b>	<b>278</b>	<b>2</b>

## **2.4 Oil Tankers Vessel Age, Deficiencies and Detentions October 2021**

<b>Vessel's age</b>	<b>Number of Vessels</b>	<b>Number of Deficiencies</b>	<b>Detentions</b>
≤ 5 years	1	9	0
5-15 years old	8	84	3
≥ 15 years	4	41	1

<b>Total:</b>	<b>13</b>	<b>134</b>	<b>4</b>
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## **2.5 Gas Carriers - Vessel Age, Deficiencies and Detentions October 2021**

<b>Vessel's age</b>	<b>Number of Vessels</b>	<b>Number of Deficiencies</b>	<b>Detentions</b>
≤ 5 years	0	0	0
5-15 years old	3	21	0
≥ 15 years	3	17	0
<b>Total:</b>	<b>6</b>	<b>38</b>	<b>0</b>

## **2.6 OBO breakdown by Vessel Age, Deficiencies and Detentions - October 2021**

<b>Vessel's age</b>	<b>Number of Vessels</b>	<b>Number of Deficiencies</b>	<b>Detentions</b>
≤ 5 years	0	0	0
5-15 years old	1	11	0
≥ 15 years	0	0	0
<b>Total:</b>	<b>1</b>	<b>11</b>	<b>0</b>

## **3. Most 'Popular' Wet Liquid Cargo Vessels Offered for Trading by DWT and Age**

<b>Years</b>	<b>&lt;5,000</b>	<b>5,000-20,000</b>	<b>20,000-50,000</b>	<b>50,000-150,000</b>	<b>&gt;150,000</b>
≥ 25 years	53	12	7	6	0
20-25 years	34	29	17	8	4
15-20 years	46	70	178	114	30
10-15 years	116	213	200	154	53
5-10 years	26	69	113	64	25
≤ 5 years	44	61	56	101	39
<b>Total</b>	<b>319</b>	<b>454</b>	<b>571</b>	<b>447</b>	<b>151</b>

### **3.1 Top-3 Most Popular Oil & Gas Vessels for Trading**

Smaller product tankers, 10-15 years are now trading higher than all other vessel types compared to September's risk rated vessels.

<b>Ranking</b>	<b>DWT Metric Tonnes</b>	<b>Vessel Age</b>
1	5,000 to 20,000	10-15 years
2	20,000 to 50,000	10-15 years
3	20,000 to 50,000	15-20 years

#### 4. 2021 Vessel Detentions, Incidents and Vessels Implicated Table

Month	Recorded Incidents	Vessels Implicated	Detentions	Screened Vessels
January	25	28	5	1,854
February	16	18	7	1,571
March	32	36	8	2,608
April	29	35	4	2,491
May	24	26	9	2,050
June	16	16	6	2,062
July	23	25	10	1,823
August	21	22	8	1,685
September	28	33	5	1,904
October	22	25	6	1,942
<b>Total</b>	<b>236</b>	<b>264</b>	<b>68</b>	<b>19,990</b>

#### 4.1. October's Vessels, Deficiencies, Detentions and Age Relationship

Delivery Date Age	Number of Vessels	Number of Deficiencies	Detentions	Average Deficiencies per Vessel
1982-1987	3	22	0	7.3
1988-1993	3	18	0	6
1994-1999	2	15	0	7.5
2000-2005	10	74	2	7.4
2006-2011	26	229	3	8.8
2012-2017	12	95	1	7.9
2018-2021	1	8	0	8
<b>Total</b>	<b>57</b>	<b>461</b>	<b>6</b>	<b>52.96</b>

If you have any questions regarding the information in this newsletter, or would like to see more data items please do not hesitate to contact me.

No question is too small!

**Regards,**

Wayne Hurley

Head of Business Development

e: [Wayne.Hurley@marinerating.com](mailto:Wayne.Hurley@marinerating.com)

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

P.S. Remember, free 12-month trials, with no financial details taken are available [here](#):

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