



December 2021 Newsletter

Featuring:

1,703 Vessel PSC Deficiencies Ranked
PSC Deficiencies by Vessel Age & Type
Vessel Age & Detentions Relationship
Vessels Offered for Trade by Type & Age

New for November!

Top-15 Overall Red Risk Rated Vessels in November
Top 'Green' Risk Rated Vessels by Type November 2021
Top-Five Risk Rated Chemical/Oil Products Tanker Chartered
Top-Seven Risk Rated Gas Carriers Chartered
Top-Two Risk Rated LNG Tanker's Chartered
Top-9 Risk Rated Oil Tankers Highest Risk Rated Tankers

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Dear Colleague,

During November 2021, 1,703 liquid cargo vessels, or 8,994,8050 DWT were risk rated by IMRRA's analysts. Year-to-date 21,693 Wet Cargo vessels (Gas, Oil, Oil Product tankers and OBO's), were requested to be risk rated.

In November, 28.5%, or 486 Red & Amber warning vessels were risk rated. 58 vessels had five-or-more Port State Control deficiencies, seven vessel detentions (up one vessel from October), were analysed in detail. 26 vessel incidents were recorded and researched.

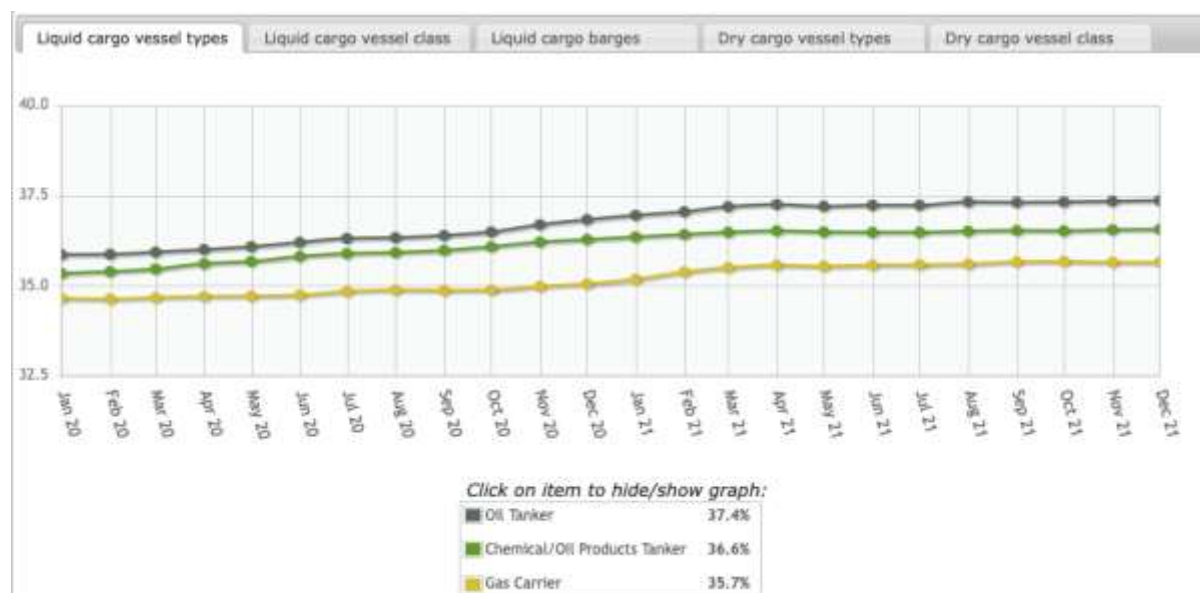
November's Highest Red Risk Rated Vessel is the BLACK FUEL IMO 8407632 Chemical Tanker risk rated at 76%, the highest so far for 2021. The rating vessel's risk rating is 39% over the fleet average of 36%. The BLACK FUEL demonstrates the importance why charterer's undertake a final vessel risk rating before signing on the dotted line.

November's Top Green Risk Rated Vessel is the SOMTRANS XXI, Chemical Barge, IMO 02333400 risk rated at 21%, eight-percent lower than the vessel type average of 29%.

The top-15 Red overall risk rated vessels for November can be viewed at the end of this newsletter.

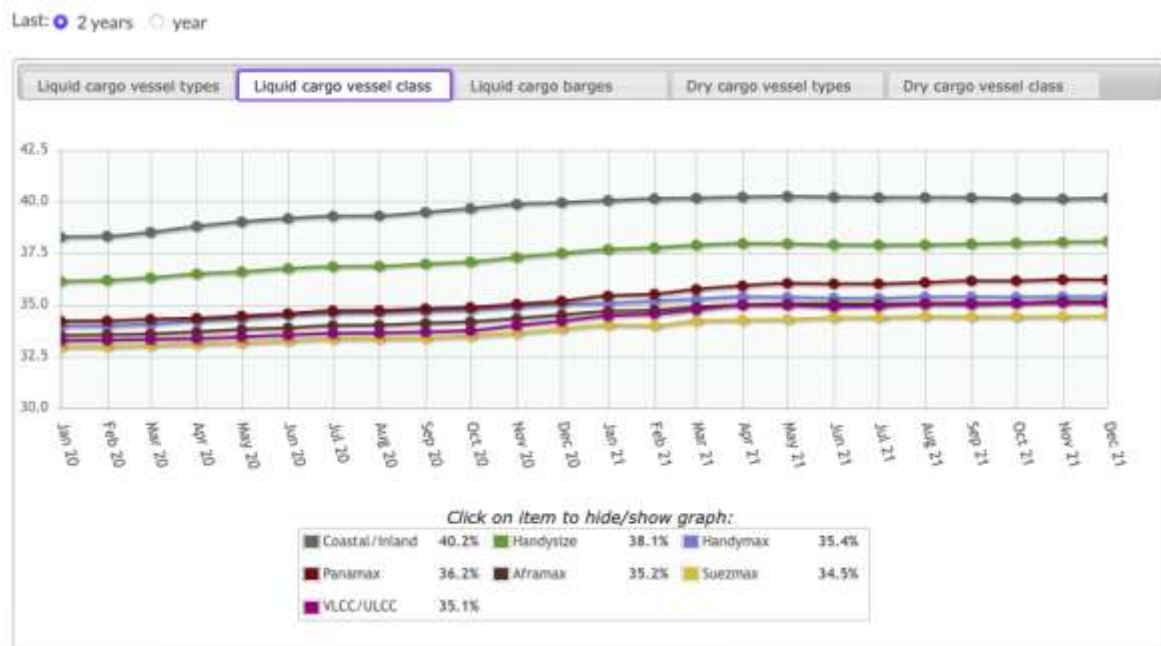
1. IMRRA's Liquid cargo Vessel Types for Chemical/Oil Products Tanker and Gas Carriers, Risk Trends Data Table - November 2021

The Oil Tanker risk increased by 0.02%, with Chemical Oil Product Tanker and Gas Carriers increasing by 0.01% and 0% respectively.



*Free 12-months trials available at www.marinerating.com to view the table in real time.

1.1 Liquid Cargo Vessel Class for Aframax, Coastal, Handymax, Handysize, Suezmax and VLCC/ULCC.



1.2 Number of Vessels Risk Rating above and below fleet average

Month	≥36%	<36%	Min %	Max %
July	393	1430	19	72
August	317	1368	19	69
September	382	1522	18	60
October	452	1490	20	63
November	486	1217	21	76

Analysis: There is an interesting overall increasing risk trend for the past five-months for all vessels.

2. November 2021 Port State Control Deficiencies Code Ranked*

Ranking	PSC Deficiency	November	Percentage
1	Certificate & Documentation	81	16.80%
2	Fire Safety	78	16.20%
3	Labour Conditions	49	10.20%
4	Pollution Prevention	45	9.40%
5	Life Saving Apparatus	44	9.10%
6	Safety of Navigation	39	8.10%
7	ISM Code	25	5.20%
8	Structural Conditions	24	5.00%
9	Emergency Systems	24	5.00%
10	Water/Watertight Conditions	18	3.70%

11	Propulsion and Auxiliary Machinery	17	3.50%
12	Living and Working Conditions	9	1.90%
13	Radio Communications	8	1.70%
14	Alarms	8	1.70%
15	Other	5	1.00%
16	Cargo Operations inc. Equipment	4	0.80%
17	Dangerous Goods	3	0.60%
18	MLC	0	0.00%
	Total	481	

*The top-five PSC deficiencies are the same group as previous months.

2.1. PSC Deficiencies Table Comparison by Vessel Type November 2021

Name	Chemical/ Oil Tankers	Oil Tankers	Gas Carriers	OBO
Fire Safety	57	15	5	1
ISM	19	4	1	1
Pollution Prevention	31	8	2	4
Safety of Navigation	29	7	1	2
Structural Conditions	16	7	1	0
Certificate and Documentation	35	25	17	4
Life Saving Apparatus	32	7	4	1
Emergency Systems	17	6	0	1
Propulsion and Auxiliary Machinery	8	8	0	1
Labour Conditions	32	14	2	1
Living and Working Conditions	6	1	0	2
MLC	0	0	0	0
Radio Communications	6	2	0	0
Water/Watertight Conditions	10	6	1	1
Alarms	5	3	0	0
Other	2	3	0	0
Dangerous Goods	3	0	0	0
Cargo Operations inc. Equipment	2	0	0	2
Total:	310	116	34	21

2.2 Chemical/Oil Product Tankers Vessel Age, Deficiencies and Detentions - Chemical/Oil Product Tankers November 2021

Age	Vessels	Deficiencies	Detentions
≤ 5 years	6	51	0
5-15 years old	22	206	5
≥ 15 years	9	53	1
Total:	37	310	6

2.3 Oil Tankers Vessel Age, Deficiencies and Detentions November 2021

Age	Vessels	Deficiencies	Detentions
≤ 5 years	0	0	0
5-15 years old	8	69	0
≥ 15 years	5	47	1
Total:	13	116	1

2.4 Gas Carriers – Vessel Age, Deficiencies and Detentions November 2021

Age	Vessels	Deficiencies	Detentions
≤ 5 years	1	9	0
5-15 years old	2	13	0
≥ 15 years	2	12	0
Total:	5	34	0

2.5 OBO breakdown by Vessel Age, Deficiencies and Detentions - November 2021

Age	Vessels	Deficiencies	Detentions
≤ 5 years	1	8	0
5-15 years old	1	5	0
≥ 15 years	1	8	0
Total:	3	21	0

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

Age	<5,000	5,000-20,000	20,000-50,000	50,000-150,000	>150,000
≥ 25 years	54	7	4	1	0
20-25 years	35	19	16	6	3
15-20 years	35	53	156	113	23
10-15 years	70	221	190	176	27
5-10 years	27	47	104	72	16

≤ 5 years	22	45	41	99	21
Total	243	392	511	467	90

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.

Ranking	DWT Metric Tonnes	Vessel Age
1	5,000 to 20,000	10-15 years
2	20,000 to 50,000	10-15 years
3	50,000 to 150,000	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
November	26	30	7	1,703
Total	262	294	75	21,693

4.1. November's Vessels, Deficiencies and Detentions and Age Relationship

Delivery date 0-5 years	Vessels	Deficiencies	Detentions	Ave. Deficiencies per Vessel
1944-1949	1	22	1	22
1965-1970	1	6	0	6
1982-1987	2	14	0	7
1988-1993	4	22	0	5.5
1994-1999	3	18	1	6
2000-2005	4	22	0	5.5
2006-2011	28	254	4	9.1
2012-2017	9	72	1	8
2018-2021	6	51	0	8.5
Total	58	481	7	8.3

5. Top-15 Overall Red Risk Rated Vessels During November 2021

Rank	Vessel Name	IMO Number	Vessel Type	Risk Rating	Benchmark Risk Rating
1	BLACK FUEL	8407632	Chemical Tanker	76%	37%
2	BOREAS LPG	8521488	Gas Carrier	61%	36%
3	OCEAN PRIDE	9055565	Oil Tanker	60%	37%
4	NARI NOX	9115432	OBO	59%	44%
5	GAS ROMA	9046784	Gas Carrier	58%	36%
6	NAZAN	9373747	Chemical/Oil Products Tanker	57%	37%
7	TELLUS	9246138	Oil Tanker	56%	37%
8	GAS ORCHID	8912558	Gas Carrier	56%	36%
9	CERES 1	9444807	Oil Tanker	56%	37%

10	TAIHEI	9207144	Gas Carrier	56%	36%
11	DENIZATI	8946822	Oil Tanker	56%	37%
12	YOOSHI DOODA	8817693	Gas Carrier	55%	36%
13	FULL AMBITION	9162502	Chemical/Oil Products Tanker	55%	37%
14	YANA	8971059	Oil Tanker	54%	37%
15	FLANDRIYA	8414477	Chemical/Oil Products Tanker	54%	37%

5.1 Top 'Green' Risk Rated Vessels by Type November 2021

Vessel Name	IMO Number	Risk Rating
NAVIG8 AMESSI	9719745	27%
CIELO DI NEW YORK	9669665	27%
GANGES STAR	9496692	27%
STI BROADWAY	9690846	27%
EBERHARDT ARCTIC	9251676	27%

5.2 Top-Five Risk Rated Chemical/Oil Products Tanker Chartered – Fleet Type Average 37%

Vessel Name	IMO Number	Risk Rating
NAVIG8 AMESSI	9719745	27%
CIELO DI NEW YORK	9669665	27%
GANGES STAR	9496692	27%
STI BROADWAY	9690846	27%
EBERHARDT ARCTIC	9251676	27%

5.3 Top-Seven Risk Rated Gas Carriers Chartered – Fleet Type Average 36%

Vessel Name	IMO Number	Risk Rating
LNG JUROJIN	9666998	24%
BW LEO	9703019	27%
LNG FUKUROKUJU	9666986	27%
GASLOG SANTIAGO	9600530	28%
ENERGY PROGRESS	9274226	28%

5.4 Top-Two Risk Rated LNG Tanker's Chartered – Fleet Type Average 36%

Vessel Name	IMO Number	Risk Rating
MARAN GAS CHIOS	IMO 9753014	34%
LNG EBISU	IMO 9329291	28%

5.5 Top-9 Risk Rated Oil Tankers Highest Risk Rated Tankers – Fleet Type Average – 37%

Vessel Name	IMO Number	Risk Rating
FRONT LION	9664770	26%
PATRIOTIC	9819832	26%
NORDLOTUS	9624067	27%
EMERALD	9391945	27%
FRONT OCELOT	9726580	27%
STI LAUREN	9696711	27%
WONDER MUSICA	9250531	27%
ANTIGONE	9709075	27%
KRITI KING	9887255	27%

You can research your own Red/Amber/Green vessel risk ratings by subscribing for free at marinerating.com

If you have any questions regarding the information in this newsletter, our would like to see other vessel safety in this newsletter, please do not hesitate to contact me.

No question is too small!

Regards,

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

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