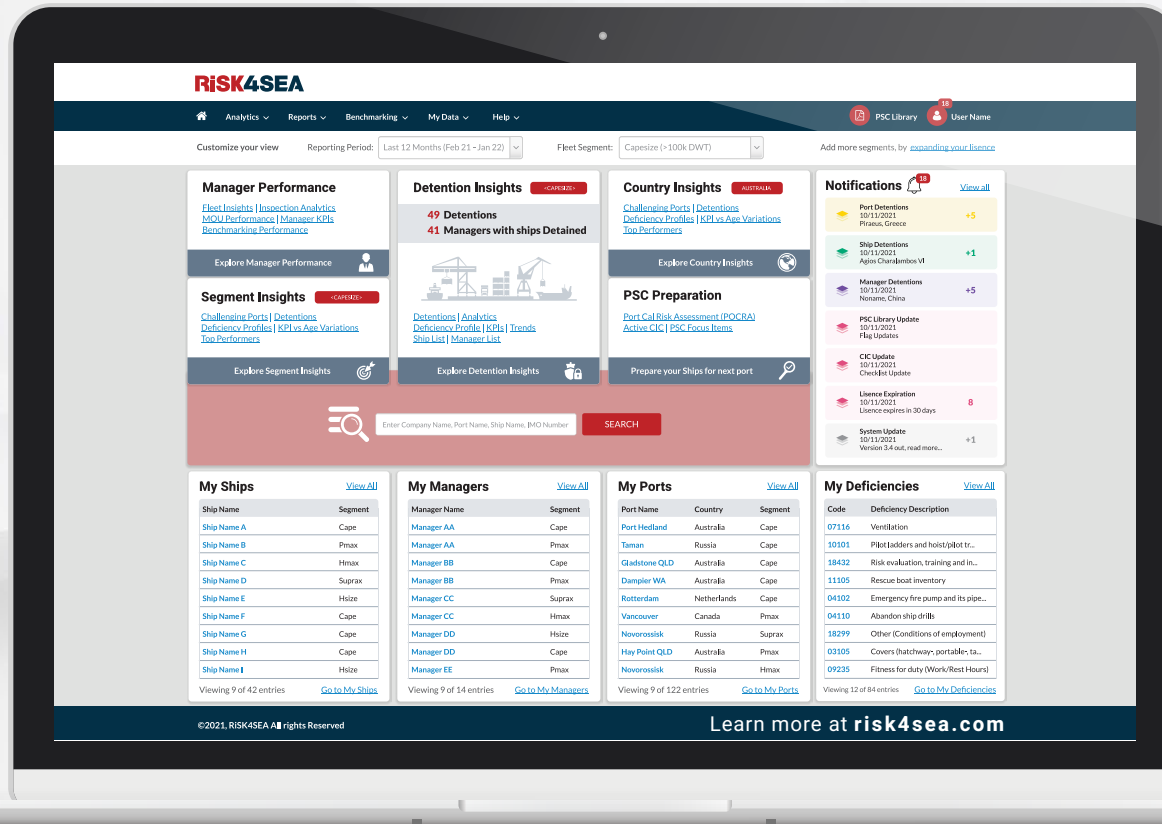


RISK4SEA

PSC Primary KPIs

Deficiency Per Inspection (DPI) & Detention Rate (DER) CY 2023



► Paris MOU ► Tokyo MOU ► USCG ► Global

PSC DPI / DER KPIs for Calendar Year 2023

Deficiency Per Inspection (DPI)

Segments	Paris MOU					Tokyo MOU					USCG					Global				
	Age group	0-5	6-10	11-15	16-20	20+	0-5	6-10	11-15	16-20	20+	0-5	6-10	11-15	16-20	20+	0-5	6-10	11-15	16-20
Dry Bulk Ships																				
Handysize (<35k DWT)	-	1.50	4.42	4.47	4.48	1.58	1.31	2.16	2.37	2.86	-	-	0.38	-	-	1.26	1.02	2.19	2.49	3.53
Handymax (35-50k DWT)	1.48	2.38	3.00	4.25	2.65	1.13	0.77	2.68	3.00	3.25	-	1.33	1.67	-	-	0.94	0.92	1.91	2.30	3.02
Supramax (50-67k DWT)	1.29	1.88	4.35	4.95	6.38	0.98	1.18	1.68	1.60	2.35	-	0.22	0.40	0.20	-	0.71	1.03	1.65	1.89	2.84
Panamax (67-100k DWT)	1.49	3.46	2.93	3.03	2.78	1.15	1.47	1.53	1.83	2.22	-	-	0.71	0.67	-	0.91	1.64	1.59	1.68	2.47
Cape (>100k DWT)	1.25	1.59	3.52	4.00	1.00	0.83	1.42	1.68	1.87	1.54	-	-	0.86	-	-	0.83	1.33	1.80	1.99	1.77
General Cargo	1.54	2.53	2.81	3.01	4.39	1.65	1.49	1.96	2.71	2.94	-	-	0.33	0.33	-	1.46	1.46	2.04	2.61	3.92
Tankers																				
Small Product (<25k DWT)	0.92	0.75	2.19	2.73	3.71	0.60	0.90	1.42	1.53	3.03	-	2.00	-	-	-	0.59	0.80	1.61	1.92	3.17
MR1/MR2 (25 – 60k DWT)	0.64	0.91	2.11	2.40	2.71	0.45	0.47	0.97	1.53	2.23	0.38	-	0.86	1.00	-	0.41	0.61	1.21	1.63	2.66
LR1/LR2 (60-125k DWT)	0.74	0.39	2.13	3.95	4.60	0.59	1.24	2.12	1.52	5.62	0.20	0.33	-	0.83	-	0.54	0.62	1.57	1.87	5.50
Suezmax (125-200k DWT)	0.32	0.30	3.41	3.30	6.50	-	-	1.00	2.67	2.10	-	0.50	-	1.00	-	0.24	0.25	2.06	2.41	3.89
VLCC (>200k DWT)	0.10	0.50	4.40	-	1.00	0.33	0.36	1.37	1.58	3.63	-	0.50	1.25	-	-	0.19	0.41	1.67	1.58	3.36
LNG/Gas Carriers	0.50	0.50	1.00	0.33	6.00	1.75	0.33	0.89	0.56	-	-	-	-	-	-	0.65	0.42	0.84	0.41	2.40
LPG carrier	0.75	0.90	0.90	3.38	2.53	0.87	0.70	0.74	1.35	2.74	-	-	5.50	-	-	0.81	0.58	0.80	1.84	2.66
Containers																				
Feeders (<10k DWT)	-	-	0.40	2.08	4.28	-	1.60	1.00	2.40	1.95	-	-	-	-	-	-	1.60	0.67	3.02	4.35
Large (10-90k DWT)	1.40	0.89	1.96	2.65	4.33	0.53	0.76	1.65	1.72	1.84	1.00	-	0.50	1.21	0.86	0.53	0.69	1.41	1.73	2.28
Ultra Large (>90k DWT)	0.61	0.58	1.00	3.94	0.80	1.00	1.12	1.06	3.12	1.40	-	-	-	0.45	-	0.85	0.77	0.97	1.96	0.61

Notes

- **Deficiency Per Inspection** = 100 x (sum of deficiencies recorded for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 31/12 of 2023 | each of the respective regimes
- **Font Color:** Green Font indicates the lowest value while red font indicates the highest value of the Fleet segment in the respective regime
- **Blank Cells:** “ - “ indicates no deficiencies or detentions in the specific age group of the respective regime

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PSC DPI / DER KPIs for Calendar Year 2023

Detention Rate (DER)

Segments	Paris MOU					Tokyo MOU					USCG					Global					
	Age group	0-5	6-10	11-15	16-20	20+	0-5	6-10	11-15	16-20	20+	0-5	6-10	11-15	16-20	20+	0-5	6-10	11-15	16-20	20+
Dry Bulk Ships																					
Handysize (<35k DWT)	-	-	4.4%	2.2%	1.4%	-	-	1.9%	2.8%	5.4%	-	-	-	-	-	-	-	-	1.7%	2.2%	3.5%
Handymax (35-50k DWT)	-	-	3.3%	-	-	-	0.85%	4.2%	-	4.6%	-	-	-	-	-	-	0.75%	2.5%	-	-	3.2%
Supramax (50-67k DWT)	-	-	3.7%	2.7%	7.7%	2.2%	1.3%	2.2%	1.9%	3.3%	-	-	-	-	-	0.92%	0.81%	1.5%	1.6%	-	2.8%
Panamax (67-100k DWT)	-	-	2.0%	8.3%	-	-	1.1%	1.2%	0.72%	2.2%	-	-	5.9%	-	-	-	0.71%	1.5%	1.1%	-	1.7%
Cape (>100k DWT)	-	-	5.4%	-	-	-	1.6%	2.4%	2.1%	-	-	-	-	-	-	-	1.3%	2.6%	2.5%	-	-
General Cargo	-	3.5%	3.1%	2.0%	5.4%	4.2%	0.98%	3.3%	5.6%	5.4%	-	-	-	-	-	2.6%	1.4%	2.5%	3.5%	-	4.0%
Tankers																					
Small Product (<25k DWT)	-	-	3.3%	3.6%	2.4%	-	1.1%	1.6%	2.2%	5.3%	-	-	-	-	-	-	0.68%	1.7%	2.7%	-	3.9%
MR1/MR2 (25 – 60k DWT)	-	-	-	-	-	-	1.1%	-	0.85%	5.3%	-	-	14.3%	-	-	-	0.44%	0.49%	0.58%	-	3.2%
LR1/LR2 (60-125k DWT)	-	-	-	10.3%	-	-	-	6.0%	7.1%	15.4%	-	-	-	8.3%	-	-	-	2.3%	4.9%	-	11.1%
Suezmax (125-200k DWT)	-	-	-	-	25.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6%
VLCC (>200k DWT)	-	-	20.0%	-	-	-	-	-	8.3%	-	-	-	-	-	-	-	-	1.9%	8.3%	-	-
LNG/Gas Carriers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LPG carrier	-	-	-	6.3%	-	-	4.4%	-	-	6.4%	-	-	-	-	-	-	1.4%	-	2.0%	-	3.8%
Containers																					
Feeders (<10k DWT)	-	-	-	-	-	-	-	-	8.0%	2.7%	-	-	-	-	-	-	-	-	-	6.4%	3.9%
Large (10-90k DWT)	-	-	-	3.2%	3.3%	1.1%	1.9%	1.8%	2.0%	3.7%	-	-	-	10.7%	4.6%	0.82%	1.4%	1.1%	2.2%	-	3.2%
Ultra Large (>90k DWT)	-	-	-	9.1%	-	-	-	-	5.8%	-	-	-	-	4.6%	-	-	-	-	-	4.4%	-

Notes

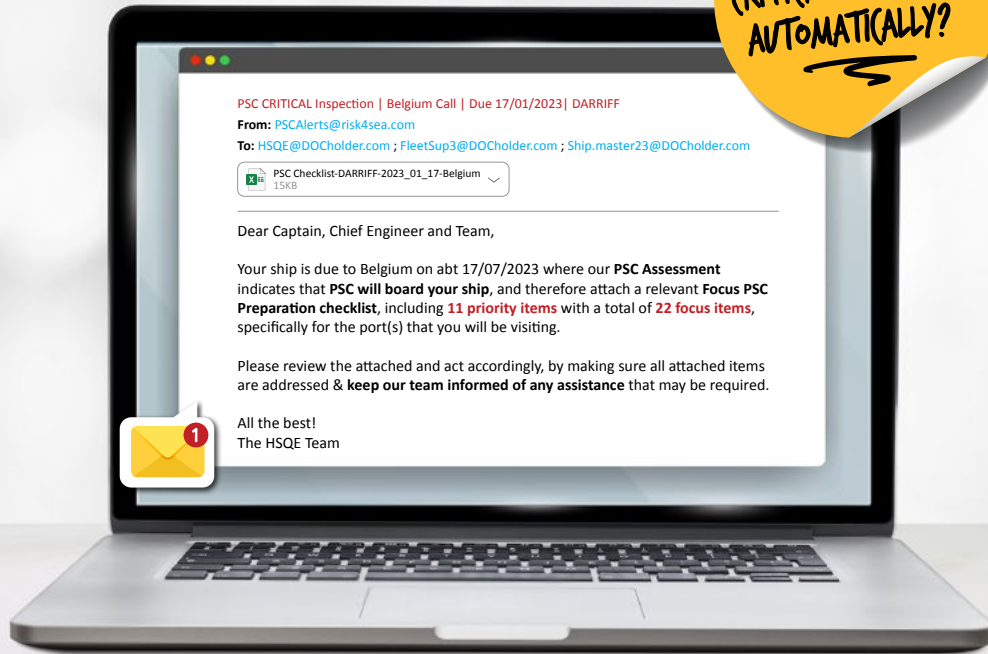
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 31/12 of 2023 | each of the respective regimes
- **Font Color:** Green Font indicates the lowest value while red font indicates the highest value of the Fleet segment in the respective regime
- **Blank Cells:** “ - ” indicates no deficiencies or detentions in the specific age group of the respective regime

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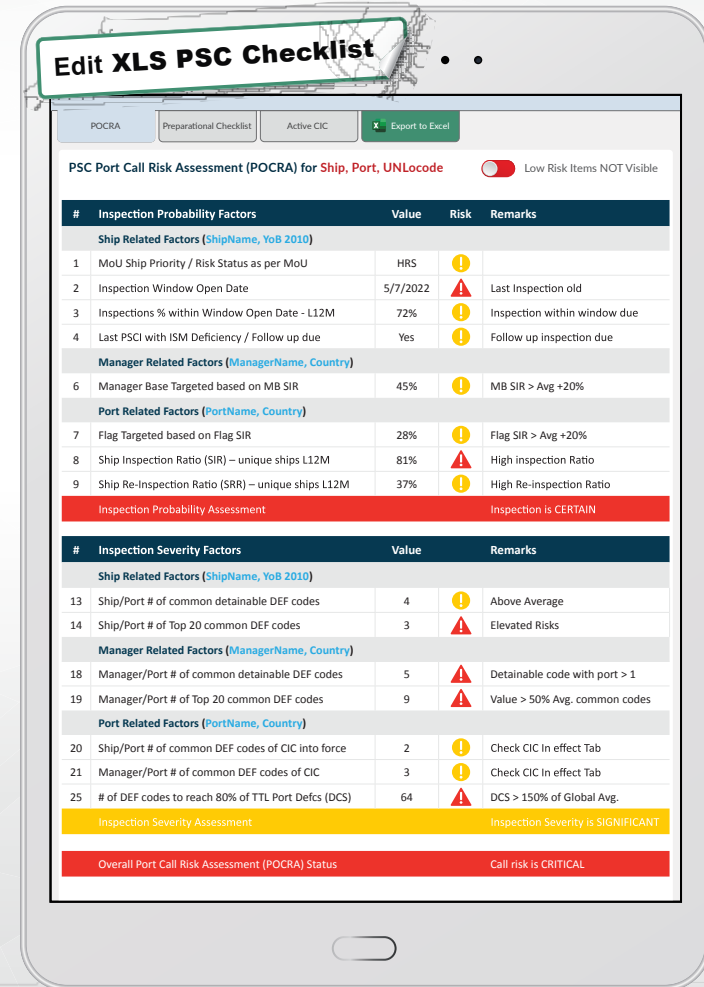
Automation License will

<p>95% PSC Inspection Guess Rate</p>	<p>20-35 Checklist Focus Items</p>
<p>80-95% Port Findings Coverage</p>	<p>10x Minimize OPEX</p>

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