

RISK4SEA

PSC Primary KPIs

Deficiency Per Inspection (DPI) & Detention Rate (DER) CY 2024

The screenshot displays the RISK4SEA dashboard interface. At the top, there is a navigation bar with 'Analytics', 'Reports', 'Benchmarking', 'My Data', and 'Help'. Below this, a search bar and filters for 'Reporting Period' (Last 12 Months) and 'Fleet Segment' (Capsize >100k DWT) are visible. The dashboard is divided into several sections:

- Manager Performance:** Shows 49 Detentions and 41 Managers with ships Detained.
- Detention Insights:** Includes links for Detentions, Analytics, Deficiency Profile, Trends, Ship List, and Manager List.
- Country Insights:** Includes links for Challenging Ports, Detentions, Deficiency Profile, KPI vs Ave Variations, and Top Performers.
- Notifications:** Lists various alerts such as Port Detentions, Ship Detentions, Manager Detentions, PSC Library Update, CIC Update, Licence Expiration, and System Update.
- My Ships:** A table listing ship names and segments.
- My Managers:** A table listing manager names and segments.
- My Ports:** A table listing port names, countries, and segments.
- My Deficiencies:** A table listing deficiency codes and descriptions.

At the bottom of the dashboard, there is a footer with the copyright notice '©2021, RISK4SEA All rights Reserved' and the website URL 'Learn more at risk4sea.com'.

► Paris MOU ► Tokyo MOU ► USCG ► Global

PSC DPI / DER KPIs for Calendar Year 2024

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)	1.42	1.98	5.05	4.75	5.42	2.20	2.20	2.55	3.41	3.32	-	0.11	0.52	0.77	0.88	1.65	1.33	2.22	2.99	3.71
Handymax (35-50k DWT)	1.80	2.62	4.88	4.83	5.07	1.07	1.55	2.34	1.46	3.73	0.18	0.26	0.50	0.43	0.45	0.83	1.21	2.05	2.52	3.69
Supramax (50-67k DWT)	2.01	2.38	4.89	3.63	4.95	1.46	1.75	2.21	2.60	3.32	0.14	0.34	0.59	0.43	0.86	0.89	1.15	1.94	2.17	2.97
Panamax (67-100k DWT)	1.87	2.24	5.00	4.23	3.68	1.39	1.63	2.36	2.56	2.93	0.24	0.22	0.69	0.58	0.56	1.07	1.23	2.04	2.04	2.78
Cape (>100k DWT)	0.83	2.37	3.25	3.06	2.40	0.91	1.72	2.30	2.76	2.66	-	0.31	0.70	0.67	-	0.77	1.52	2.16	2.50	2.27
General Cargo	1.83	2.04	2.95	3.96	5.00	2.03	2.00	2.73	4.21	4.74	0.08	0.31	0.46	0.73	0.83	1.71	1.55	2.17	3.51	4.58
Tankers																				
Small Product (<25k DWT)	1.07	1.95	2.73	3.14	4.41	1.05	1.39	1.83	1.89	2.74	0.18	0.18	0.25	0.35	0.88	0.90	1.18	1.79	2.01	3.12
MR1/MR2 (25 – 60k DWT)	0.72	0.92	2.22	2.75	3.60	0.58	1.18	1.47	1.45	3.46	0.12	0.09	0.39	0.59	0.34	0.38	0.61	1.10	1.49	3.07
LR1/LR2 (60-125k DWT)	0.75	1.28	2.48	2.68	3.17	1.29	1.20	1.70	2.15	4.09	0.11	0.06	0.18	0.91	-	0.56	0.74	1.12	1.81	3.57
Suezmax (125-200k DWT)	0.68	0.74	1.37	1.88	2.38	0.33	0.54	1.94	1.94	5.89	0.15	0.07	0.25	0.24	-	0.32	0.47	1.06	1.51	3.64
VLCC (>200k DWT)	0.39	0.65	3.35	2.25	-	0.61	1.67	2.34	3.67	4.85	0.10	0.08	0.43	0.67	-	0.34	0.85	1.92	3.13	4.42
LNG/Gas Carriers	0.55	0.63	1.00	0.61	1.44	0.68	0.83	0.87	1.57	1.15	0.15	0.12	0.48	0.91	0.38	0.37	0.48	0.73	1.22	1.05
LPG carrier	0.36	0.88	1.57	2.57	3.55	1.06	1.23	2.23	2.68	3.99	0.09	0.13	0.28	1.31	0.76	0.52	0.53	1.39	1.97	3.89
Containers																				
Feeders (<10k DWT)	1.33	3.18	4.33	-	-	3.43	2.33	2.50	3.19	4.61	-	0.30	1.07	-	-	3.43	1.65	1.80	3.01	4.22
Large (10-90k DWT)	1.16	0.63	2.10	2.49	3.07	0.77	1.13	2.27	2.24	2.86	0.34	0.39	0.43	0.53	0.78	0.72	0.93	1.68	1.68	2.30
Ultra Large (>90k DWT)	0.62	1.21	1.79	2.84	3.45	1.11	1.18	1.89	2.29	2.83	0.19	0.38	0.33	0.48	0.73	0.81	0.99	1.36	1.53	1.78

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 2024 | 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

About RISK4SEA | www.risk4sea.com | Client List <https://bit.ly/3L4ulcl>

RISK4SEA is a SaaS PSC Intelligence platform illuminating PSC performance to Prepare/Assess PSC inspections, Benchmark against competition and Automate PSC functions and alerts to eliminate detentions and minimize OPEX.

PSC DPI / DER KPIs for Calendar Year 2024

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)	-	3.3%	7.4%	6.3%	9.0%	1.5%	4.4%	3.8%	5.6%	5.1%	-	-	-	3.2%	6.1%	0.85%	2.3%	3.1%	4.4%	5.6%	
Handymax (35-50k DWT)	0.89%	2.0%	9.5%	6.9%	6.8%	0.78%	1.9%	5.2%	7.7%	9.8%	-	-	2.0%	-	-	0.53%	1.1%	3.9%	5.3%	8.7%	
Supramax (50-67k DWT)	1.7%	0.64%	6.9%	3.3%	12.2%	1.5%	1.2%	4.1%	7.0%	6.3%	-	1.2%	2.3%	-	7.1%	0.67%	0.74%	2.9%	3.9%	5.3%	
Panamax (67-100k DWT)	0.99%	1.5%	6.5%	5.1%	1.9%	0.88%	1.2%	4.1%	5.5%	4.9%	-	-	1.1%	-	3.7%	0.57%	1.0%	3.1%	3.5%	4.4%	
Cape (>100k DWT)	-	1.9%	2.8%	-	-	0.44%	1.1%	2.5%	3.4%	2.3%	-	-	2.7%	-	-	0.31%	1.0%	2.3%	2.7%	1.5%	
General Cargo	1.1%	1.1%	4.3%	6.3%	9.1%	2.1%	1.8%	3.6%	6.4%	9.3%	-	-	-	2.9%	2.5%	1.4%	1.2%	2.9%	5.0%	8.1%	
Tankers																					
Small Product (<25k DWT)	1.4%	1.5%	2.0%	4.9%	10.5%	-	0.29%	2.7%	3.6%	3.9%	-	-	-	-	-	0.61%	0.44%	2.0%	3.5%	6.4%	
MR1/MR2 (25 – 60k DWT)	0.67%	0.84%	2.6%	3.9%	7.0%	-	1.2%	0.79%	1.6%	6.9%	0.59%	-	0.55%	0.45%	-	0.44%	0.44%	0.81%	1.5%	5.0%	
LR1/LR2 (60-125k DWT)	-	0.75%	2.2%	1.5%	-	1.7%	-	3.4%	2.8%	9.7%	-	-	-	4.2%	-	0.40%	0.24%	1.2%	2.1%	7.8%	
Suezmax (125-200k DWT)	3.6%	1.4%	-	2.4%	-	-	-	-	6.3%	8.6%	-	-	-	-	-	1.0%	0.56%	1.3%	1.6%	4.6%	
VLCC (>200k DWT)	-	-	7.7%	-	-	-	1.4%	4.4%	11.1%	17.9%	-	-	-	-	-	-	0.59%	3.6%	8.9%	16.3%	
LNG/Gas Carriers	-	-	-	-	-	-	1.5%	3.3%	-	-	-	-	-	-	-	-	0.50%	1.3%	-	-	
LPG carrier	-	-	1.2%	3.6%	1.8%	-	-	4.7%	6.1%	13.6%	-	-	-	6.6%	5.9%	-	-	2.1%	4.4%	10.4%	
Containers																					
Feeders (<10k DWT)	-	-	8.8%	-	-	7.1%	8.3%	-	1.3%	8.3%	-	-	-	-	-	7.1%	5.9%	-	0.57%	7.2%	
Large (10-90k DWT)	1.6%	-	-	1.2%	2.5%	0.42%	0.46%	2.3%	2.8%	5.0%	-	-	1.2%	0.95%	3.1%	0.43%	0.32%	1.4%	1.8%	3.4%	
Ultra Large (>90k DWT)	0.72%	0.49%	0.58%	-	2.6%	1.1%	0.81%	1.0%	2.1%	6.2%	-	1.5%	2.0%	1.4%	-	0.81%	0.79%	0.99%	1.3%	2.8%	

Notes

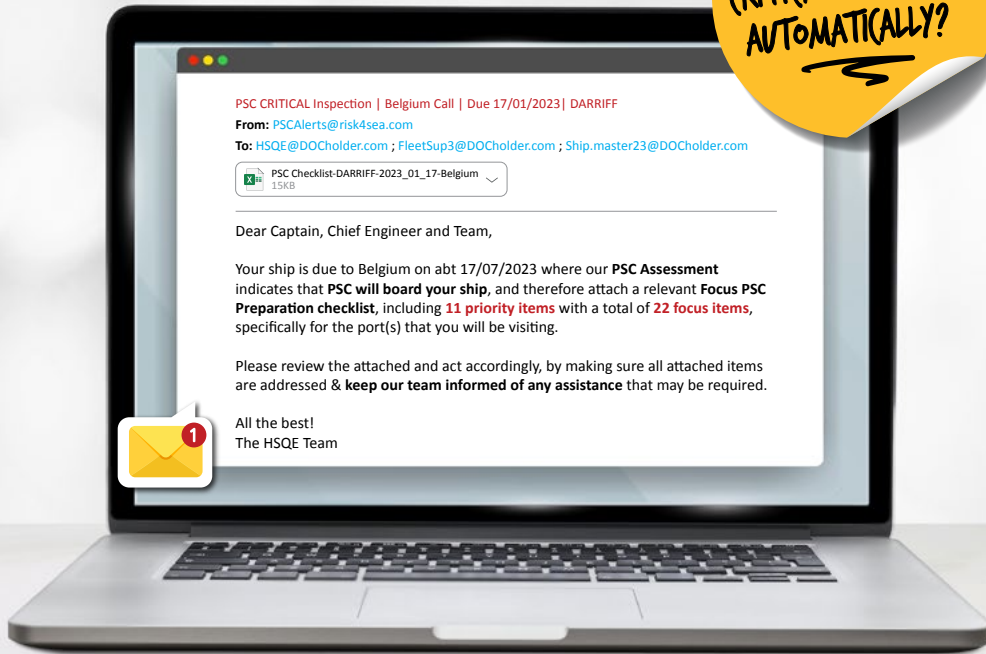
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 31/12 of 2024 | each of the respective regimes
- **Font Color:** Green Font indicates 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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RISK4SEA

CAN YOU IDENTIFY CRITICAL PSC CALLS? AUTOMATICALLY?



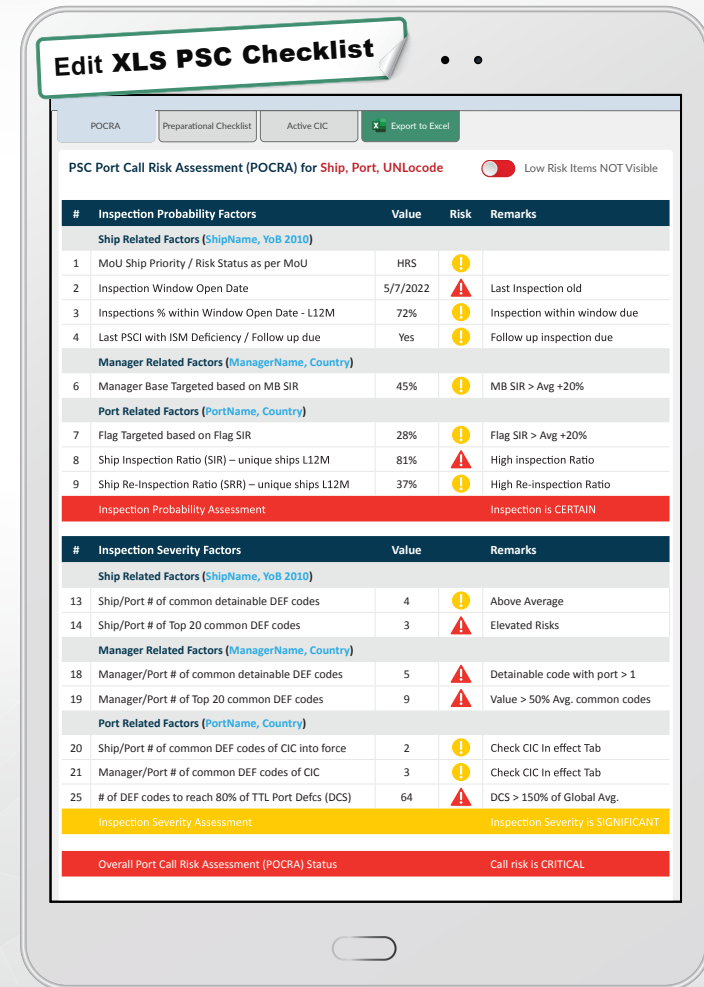
Automation License will

<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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Client List ▼

RISK4SEA is a SaaS PSC Intelligence platform, illuminating PSC performance to Prepare/Assess PSC inspections, Benchmark against competition and Automate PSC functions and alerts to eliminate detentions and minimize OPEX. Explore more at www.risk4sea.com

