

RISK4SEA

PSC Primary KPIs

Deficiency Per Inspection (DPI) & Detention Rate (DER) Q1 2025

The dashboard displays the following sections:

- Manager Performance:** 49 Detentions, 41 Managers with ships Detained.
- Detention Insights:** 49 Detentions, 41 Managers with ships Detained.
- Country Insights:** Challenges, Data, Detentions, Deficiency Profiles, KPI vs. Ave. Variations, Top Performers.
- Notifications:** Port Detentions (+5), Ship Detentions (+1), Manager Detentions (+5), PSC Library Update, CIC Update, Licence Expiration (8), System Update (+1).
- My Ships:** Table with columns Ship Name and Segment.
- My Managers:** Table with columns Manager Name and Segment.
- My Ports:** Table with columns Port Name, Country, and Segment.
- My Deficiencies:** Table with columns Code and Deficiency Description.

► Paris MOU ► Tokyo MOU ► USCG ► Global

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	20+
Dry Bulk Ships																					
Handysize (<35k DWT)	0.98	1.85	3.89	4.14	4.76	3.06	2.01	2.54	2.89	3.03	0.06	0.35	0.64	0.72	0.99	2.05	1.44	2.16	2.61	3.51	
Handymax (35-50k DWT)	1.57	2.37	4.07	3.96	4.14	1.06	1.48	2.20	2.38	3.13	0.18	0.38	0.66	0.67	0.40	0.80	1.20	1.89	2.19	3.15	
Supramax (50-67k DWT)	1.65	2.57	4.25	3.84	4.99	1.18	1.72	1.92	2.18	2.80	0.16	0.48	0.76	0.56	1.36	0.77	1.26	1.77	1.95	2.70	
Panamax (67-100k DWT)	1.64	2.26	3.87	3.77	3.32	1.24	1.75	2.03	2.30	2.64	0.22	0.38	0.61	0.58	0.84	0.90	1.35	1.78	1.94	2.67	
Cape (>100k DWT)	1.13	1.76	2.94	2.59	3.21	0.75	1.36	1.89	2.18	2.29	0.23	0.45	1.00	0.78	1.08	0.69	1.25	1.85	2.03	2.35	
General Cargo	1.40	1.99	2.56	3.27	4.53	1.72	1.85	2.67	3.61	4.01	0.21	0.42	0.54	0.62	1.06	1.38	1.55	2.23	3.08	4.24	
Tankers																					
Small Product (<25k DWT)	0.71	1.42	2.04	2.51	3.35	0.88	1.27	1.48	1.55	2.49	0.20	0.16	0.48	0.45	0.86	0.71	1.12	1.50	1.73	2.77	
MR1/MR2 (25 – 60k DWT)	0.65	0.83	1.79	2.18	3.81	0.59	0.87	1.17	1.60	2.79	0.13	0.16	0.38	0.49	0.27	0.39	0.58	1.04	1.47	2.73	
LR1/LR2 (60-125k DWT)	0.51	0.79	1.85	2.74	3.45	0.84	1.00	1.67	2.05	4.00	0.17	0.11	0.31	0.55	-	0.42	0.57	1.05	1.60	3.64	
Suezmax (125-200k DWT)	0.36	0.57	1.27	1.52	2.43	0.39	0.66	0.96	2.08	4.25	0.14	0.18	0.24	0.30	-	0.24	0.40	0.73	1.28	3.30	
VLCC (>200k DWT)	0.31	0.88	1.81	1.85	0.75	0.66	1.12	1.64	2.58	4.55	0.15	0.20	0.42	0.91	-	0.30	0.63	1.16	2.22	4.14	
LNG/Gas Carriers	0.31	0.46	0.77	0.71	1.72	0.65	0.70	0.57	1.23	1.33	0.17	0.15	0.45	0.58	0.25	0.30	0.39	0.59	0.87	1.37	
LPG carrier	0.53	0.87	1.32	2.64	2.94	0.69	1.09	1.22	1.75	2.89	0.17	0.16	0.47	0.89	0.92	0.39	0.56	0.91	1.58	2.75	
Containers																					
Feeders (<10k DWT)	0.50	3.33	2.09	2.32	4.03	2.79	2.17	2.59	2.49	3.16	0.19	0.17	1.86	0.46	1.00	2.08	1.96	2.47	2.59	3.85	
Large (10-90k DWT)	0.96	1.39	1.87	2.49	3.01	0.67	1.08	1.77	1.95	2.18	0.22	0.28	0.47	0.60	0.76	0.65	0.92	1.45	1.64	2.14	
Ultra Large (>90k DWT)	0.59	0.98	1.44	2.32	2.97	0.76	0.99	1.58	2.06	2.17	0.10	0.24	0.26	0.51	0.57	0.57	0.77	1.11	1.41	1.69	

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 31/103 of 2025 | 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 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 Q1 2025

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)	-	3.5%	6.7%	5.5%	7.9%	2.5%	1.9%	3.2%	4.2%	4.0%	-	1.0%	2.0%	1.8%	2.9%	1.8%	1.5%	3.1%	3.5%	4.5%	
Handymax (35-50k DWT)	1.6%	3.0%	6.6%	7.2%	7.4%	0.84%	1.8%	4.2%	1.8%	4.3%	-	0.54%	2.3%	1.7%	-	0.75%	1.4%	3.2%	3.0%	4.8%	
Supramax (50-67k DWT)	1.1%	2.4%	6.8%	3.9%	9.3%	0.78%	1.6%	3.0%	3.9%	5.5%	0.12%	0.91%	1.8%	0.72%	6.4%	0.62%	1.3%	2.5%	2.7%	4.6%	
Panamax (67-100k DWT)	0.87%	2.6%	4.0%	6.0%	2.1%	0.93%	1.9%	3.1%	3.7%	3.9%	-	0.37%	1.3%	1.4%	4.3%	0.58%	1.6%	2.5%	3.0%	4.2%	
Cape (>100k DWT)	1.1%	0.98%	3.6%	0.82%	5.3%	0.86%	1.6%	2.9%	3.5%	2.7%	-	-	3.1%	-	7.7%	0.75%	1.4%	2.8%	2.9%	2.1%	
General Cargo	0.82%	2.5%	3.9%	5.1%	8.5%	1.8%	2.1%	3.8%	5.8%	6.4%	-	1.1%	0.94%	2.3%	4.1%	1.1%	1.8%	3.0%	4.6%	6.4%	
Tankers																					
Small Product (<25k DWT)	0.76%	1.7%	2.9%	3.1%	6.7%	0.73%	1.4%	2.3%	2.7%	4.3%	-	0.34%	1.2%	-	0.76%	0.67%	1.2%	2.2%	2.7%	5.2%	
MR1/MR2 (25 – 60k DWT)	0.56%	0.81%	2.7%	2.4%	5.8%	0.42%	1.4%	1.6%	2.5%	6.8%	0.08%	-	0.35%	0.48%	-	0.31%	0.65%	1.2%	1.7%	5.3%	
LR1/LR2 (60-125k DWT)	0.17%	0.19%	1.9%	4.6%	9.5%	0.58%	0.73%	2.6%	4.3%	12.6%	-	-	0.35%	1.3%	-	0.16%	0.24%	1.2%	2.7%	10.1%	
Suezmax (125-200k DWT)	0.63%	0.74%	1.4%	0.56%	3.6%	1.4%	-	0.84%	8.7%	12.2%	-	-	-	-	-	0.36%	0.25%	0.77%	1.6%	7.5%	
VLCC (>200k DWT)	-	-	3.6%	-	-	-	0.84%	2.1%	7.5%	16.5%	-	-	-	3.1%	-	-	0.30%	1.4%	6.1%	14.8%	
LNG/Gas Carriers	-	-	0.69%	-	-	-	0.49%	0.56%	4.5%	3.4%	-	0.32%	0.72%	-	-	-	0.40%	0.60%	1.8%	2.2%	
LPG carrier	-	0.65%	0.26%	3.4%	4.6%	0.54%	0.43%	1.8%	4.7%	9.4%	-	0.13%	1.1%	2.6%	3.3%	0.22%	0.30%	0.97%	3.1%	7.2%	
Containers																					
Feeders (<10k DWT)	-	-	1.8%	2.6%	7.8%	1.9%	7.1%	2.5%	1.6%	3.2%	-	-	4.5%	3.9%	2.9%	1.3%	5.8%	2.5%	2.3%	5.9%	
Large (10-90k DWT)	1.1%	0.73%	1.8%	3.0%	4.7%	0.57%	1.0%	2.1%	2.3%	3.1%	-	-	1.3%	1.4%	2.7%	0.52%	0.75%	1.7%	2.0%	3.1%	
Ultra Large (>90k DWT)	0.14%	0.76%	0.15%	0.97%	1.1%	0.40%	0.70%	1.0%	3.0%	3.0%	-	0.20%	0.32%	1.8%	0.69%	0.24%	0.59%	0.64%	2.0%	1.7%	

Notes

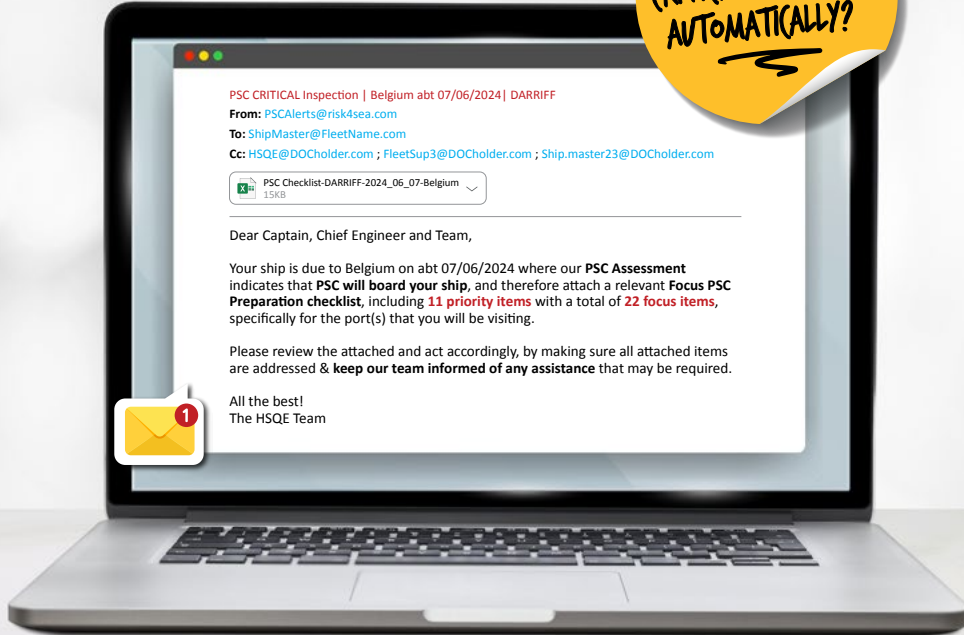
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 31/03 of 2025 | each of the respective regimes
- **Font Color:** Green Font indicates the lowest value while red font indicates the highest value of the Fleet segment in the respective regime
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RISK4SEA

CAN YOU IDENTIFY CRITICAL PSC CALLS? AUTOMATICALLY?



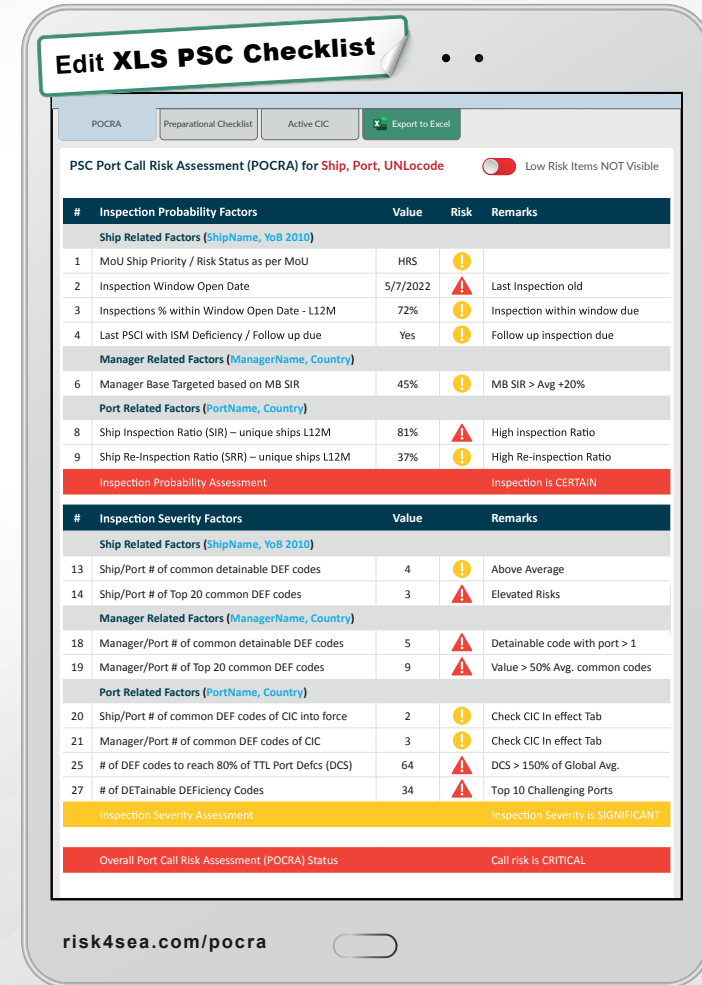
Automation License will

<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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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

