

RISK4SEA

PSC Primary KPIs

Deficiency Per Inspection (DPI) & Detention Rate (DER) Q1 2024

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:** Challenging Ports | 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, Segment.
- My Managers:** Table with columns Manager Name, Segment.
- My Ports:** Table with columns Port Name, Country, Segment.
- My Deficiencies:** Table with columns Code, Deficiency Description.

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► 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)	0.50	1.92	5.45	3.65	5.12	1.61	1.23	2.37	3.13	3.12	-	0.14	-	1.33	-	1.11	1.01	2.10	2.53	3.55	
Handymax (35-50k DWT)	1.76	2.30	5.06	4.13	5.56	0.54	1.49	2.35	1.00	3.47	-	0.36	1.00	1.00	-	0.68	1.33	2.44	1.50	3.74	
Supramax (50-67k DWT)	1.39	1.83	4.29	3.24	4.20	1.51	1.61	2.30	2.90	3.32	0.29	0.11	0.49	1.40	-	0.77	1.09	1.94	2.26	2.81	
Panamax (67-100k DWT)	1.75	1.74	3.81	4.07	2.33	1.47	1.72	2.11	2.70	2.49	0.75	0.08	0.88	0.22	-	1.06	1.22	1.85	2.13	2.38	
Cape (>100k DWT)	0.91	1.20	4.32	1.77	2.00	1.00	2.00	2.32	2.61	3.00	-	0.33	-	-	-	0.83	1.65	2.31	2.26	2.67	
General Cargo	1.47	1.87	3.09	4.05	5.09	1.94	1.99	2.48	3.76	4.81	-	-	0.11	1.71	3.75	1.54	1.58	2.19	3.32	4.71	
Tankers																					
Small Product (<25k DWT)	1.22	1.62	2.94	3.12	5.00	0.96	1.31	2.25	2.08	2.92	0.60	0.10	0.54	1.75	-	0.96	1.21	1.94	2.12	3.29	
MR1/MR2 (25 – 60k DWT)	0.95	0.73	2.29	3.27	3.67	0.29	1.28	1.80	1.14	3.46	-	0.27	0.13	0.10	0.29	0.41	0.72	1.39	1.72	3.35	
LR1/LR2 (60-125k DWT)	0.65	2.24	1.89	2.71	1.00	0.86	0.63	1.10	1.67	4.04	-	-	0.13	2.27	-	0.48	1.15	1.28	1.94	3.34	
Suezmax (125-200k DWT)	1.14	0.77	1.08	2.00	2.50	-	-	1.67	-	5.08	-	-	-	-	-	0.53	0.46	0.63	1.22	3.15	
VLCC (>200k DWT)	0.56	-	4.25	1.00	-	0.50	2.69	2.68	3.71	4.36	0.50	0.33	0.86	-	-	0.47	1.67	2.54	3.05	3.21	
LNG/Gas Carriers	0.50	1.09	1.00	1.75	0.33	0.56	0.38	0.17	1.56	0.88	-	0.25	-	3.00	1.00	0.46	0.58	0.50	1.76	0.75	
LPG carrier	0.13	0.17	1.63	2.70	3.65	0.62	1.08	1.29	2.56	4.02	0.25	0.33	-	0.11	0.33	0.45	0.67	1.07	1.79	3.63	
Containers																					
Feeders (<10k DWT)	3.00	3.44	3.53	-	-	6.00	2.33	3.28	6.08	-	-	-	2.00	-	-	6.00	1.75	3.00	3.19	4.08	
Large (10-90k DWT)	2.21	0.57	1.91	2.85	3.48	0.82	0.82	2.18	2.21	2.66	0.33	1.00	-	1.09	1.13	0.88	0.74	1.71	1.90	2.42	
Ultra Large (>90k DWT)	0.51	1.29	1.51	1.79	2.90	0.77	1.02	1.92	2.00	1.81	-	2.33	0.18	1.07	0.33	0.71	0.97	1.48	1.50	1.58	

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 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 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 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)	-	7.7%	9.9%	4.2%	10.7%	-	-	3.2%	5.7%	5.1%	-	-	-	-	-	-	1.4%	2.8%	4.0%	5.3%	
Handymax (35-50k DWT)	-	3.8%	5.7%	-	6.3%	-	1.9%	6.8%	-	6.9%	-	-	6.3%	-	-	-	1.8%	4.5%	-	8.1%	
Supramax (50-67k DWT)	3.2%	-	8.6%	3.0%	10.0%	-	0.49%	3.8%	12.9%	4.4%	-	-	-	-	-	0.45%	0.21%	3.0%	7.1%	3.0%	
Panamax (67-100k DWT)	-	-	2.5%	3.7%	-	-	-	5.1%	8.0%	4.4%	-	-	3.0%	-	-	-	-	3.3%	5.1%	3.7%	
Cape (>100k DWT)	-	-	-	-	-	-	1.3%	2.8%	4.2%	3.5%	-	-	-	-	-	-	1.0%	2.1%	3.4%	2.2%	
General Cargo	-	2.2%	6.3%	5.6%	7.0%	3.0%	2.1%	2.4%	5.9%	10.8%	-	-	-	11.8%	12.5%	1.5%	1.5%	3.0%	4.7%	8.4%	
Tankers																					
Small Product (<25k DWT)	-	2.1%	2.0%	4.9%	17.4%	-	-	4.6%	4.8%	6.2%	-	-	-	-	-	1.8%	0.58%	2.5%	3.9%	9.1%	
MR1/MR2 (25 – 60k DWT)	-	-	-	7.8%	9.5%	-	1.3%	-	1.1%	5.8%	-	-	-	-	-	-	0.41%	-	2.7%	5.4%	
LR1/LR2 (60-125k DWT)	-	2.9%	-	-	-	-	-	4.8%	2.0%	7.1%	-	-	-	6.7%	-	-	1.2%	1.5%	2.1%	9.4%	
Suezmax (125-200k DWT)	-	4.6%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4%	-	-	-	
VLCC (>200k DWT)	-	-	12.5%	-	-	-	6.3%	9.1%	17.7%	14.3%	-	-	-	-	-	-	3.7%	7.7%	13.6%	10.5%	
LNG/Gas Carriers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LPG carrier	-	-	4.2%	10.0%	-	-	-	4.2%	4.0%	20.0%	-	-	-	-	-	-	-	3.0%	4.4%	12.6%	
Containers																					
Feeders (<10k DWT)	-	-	-	-	-	33.3%	-	-	8.0%	-	-	-	-	-	-	33.3%	-	-	-	4.2%	
Large (10-90k DWT)	7.1%	-	-	1.5%	1.2%	0.53%	-	3.3%	2.8%	3.9%	-	-	-	3.8%	6.3%	0.85%	-	2.1%	2.1%	2.8%	
Ultra Large (>90k DWT)	-	-	-	-	-	1.4%	1.0%	1.1%	1.6%	6.3%	-	-	-	6.9%	-	0.85%	0.50%	0.53%	2.4%	3.0%	

Notes

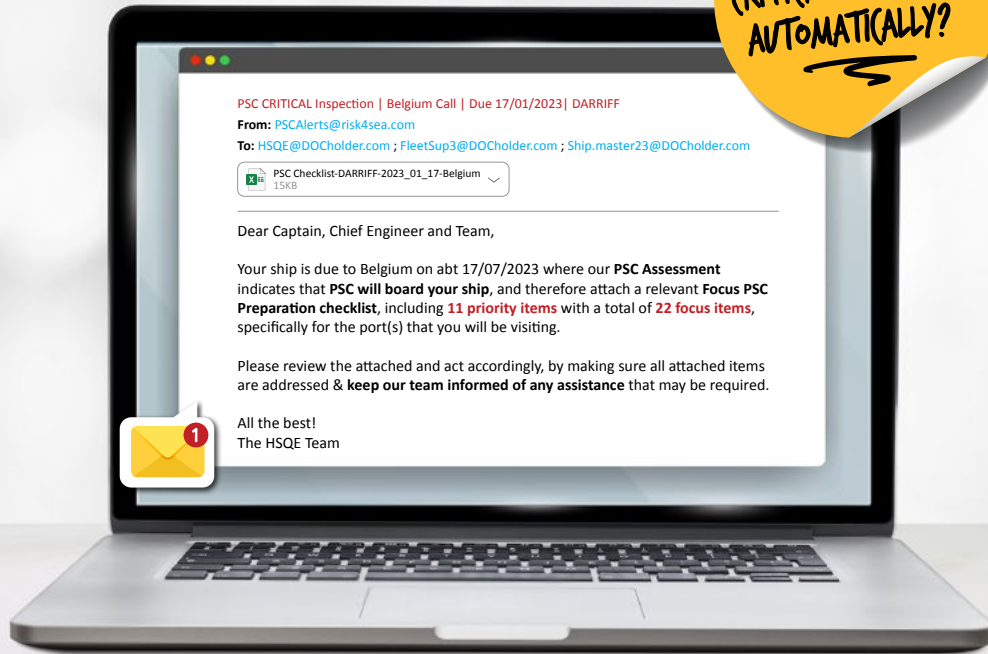
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 31/03 of 2024 | each of the respective regimes
- **Font Color:** Green Font indicates the lowest value while red font indicates the highest value of the Fleet segment in the respective regime
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RISK4SEA

CAN YOU IDENTIFY CRITICAL PSC CALLS? AUTOMATICALLY?



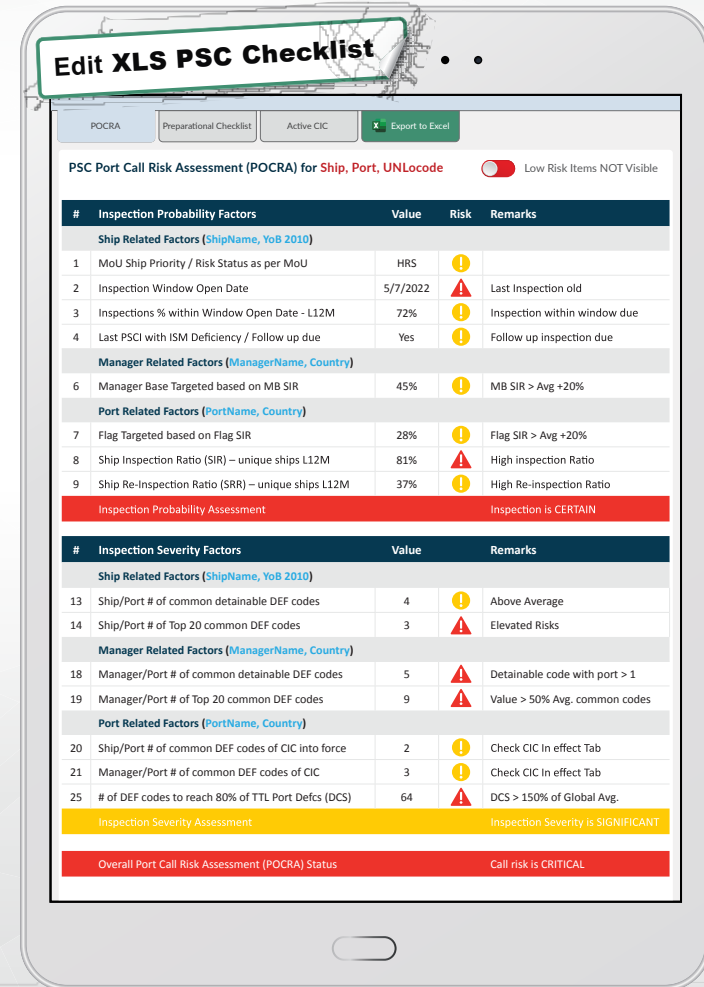
Automation License will

<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

