

RISK4SEA

PSC Primary KPIs

Deficiency Per Inspection (DPI) & Detention Rate (DER) H1 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:** 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, 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
Dry Bulk Ships																				
Handysize (<35k DWT)	1.55	2.00	4.92	4.71	5.16	1.48	1.65	2.40	3.39	3.53	-	0.27	1.29	1.88	-	1.29	1.16	2.08	3.00	3.72
Handymax (35-50k DWT)	1.68	2.07	5.14	3.71	5.07	0.82	1.17	2.28	1.22	3.41	-	0.24	0.94	0.67	-	0.80	1.04	2.11	1.76	3.56
Supramax (50-67k DWT)	1.68	2.22	4.50	3.02	5.84	1.29	1.81	2.16	2.55	2.97	0.08	0.13	0.36	0.53	1.43	0.80	1.25	1.90	2.11	2.80
Panamax (67-100k DWT)	1.77	2.03	3.91	5.49	2.77	1.35	1.63	2.15	2.40	2.42	0.20	0.15	0.68	0.32	0.30	1.05	1.27	1.86	2.07	2.31
Cape (>100k DWT)	0.59	2.67	3.43	3.04	2.00	1.00	1.88	2.35	2.89	2.91	0.11	0.20	-	-	-	0.83	1.68	2.20	2.59	2.54
General Cargo	1.59	1.88	3.11	3.82	5.20	1.84	1.78	2.66	4.08	4.56	-	-	0.15	0.82	1.00	1.53	1.42	2.19	3.32	4.76
Tankers																				
Small Product (<25k DWT)	1.02	1.65	3.32	3.33	4.25	0.82	1.31	2.09	2.29	3.11	-	0.11	0.39	0.31	0.50	0.76	1.11	1.98	2.23	3.19
MR1/MR2 (25 – 60k DWT)	0.86	0.69	2.63	2.88	3.73	0.51	1.31	1.50	1.46	3.38	0.04	0.07	0.39	0.08	0.40	0.43	0.69	1.24	1.53	3.12
LR1/LR2 (60-125k DWT)	0.58	1.26	1.95	2.36	1.30	1.33	0.64	1.12	1.98	4.02	0.03	-	0.07	0.69	-	0.44	0.75	1.10	1.75	3.35
Suezmax (125-200k DWT)	1.00	0.82	1.08	2.10	1.67	0.20	-	1.33	1.57	6.37	-	-	0.04	-	-	0.50	0.44	0.56	1.24	3.94
VLCC (>200k DWT)	0.36	0.93	4.62	0.50	-	0.42	2.16	2.26	3.29	4.93	0.24	0.27	0.64	-	-	0.30	1.38	2.15	2.40	4.10
LNG/Gas Carriers	0.39	0.81	1.23	0.73	0.25	0.86	0.45	0.77	2.14	0.77	-	-	-	2.25	0.25	0.45	0.39	0.90	1.60	0.57
LPG carrier	0.73	0.97	2.12	2.88	3.21	0.61	1.09	1.44	2.39	3.70	0.05	0.29	0.45	0.80	1.11	0.43	0.74	1.31	1.93	3.29
Containers																				
Feeders (<10k DWT)	1.75	3.59	3.71	-	-	4.13	2.17	1.00	2.85	4.80	-	-	1.00	-	-	4.13	1.86	1.25	3.25	3.73
Large (10-90k DWT)	1.46	0.67	1.81	2.66	3.25	0.62	0.93	2.02	2.26	2.60	0.17	-	0.42	0.80	0.59	0.72	0.81	1.56	1.82	2.27
Ultra Large (>90k DWT)	0.59	1.07	1.27	2.40	2.67	0.96	0.98	1.73	2.10	1.83	-	0.58	0.15	0.57	0.20	0.75	0.89	1.22	1.56	1.27

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 30/06 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 H1 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%	7.4%	6.0%	9.4%	-	3.5%	3.7%	5.9%	4.9%	-	-	14.3%	12.5%	-	-	2.7%	2.9%	4.6%	5.3%	
Handymax (35-50k DWT)	-	2.1%	9.9%	5.9%	-	-	1.0%	6.0%	11.1%	6.1%	-	-	3.2%	-	-	-	0.89%	4.4%	3.9%	6.6%	
Supramax (50-67k DWT)	1.1%	-	6.3%	3.3%	15.8%	0.47%	0.98%	4.0%	9.1%	5.7%	3.9%	-	-	-	14.3%	0.61%	0.50%	2.8%	4.8%	4.4%	
Panamax (67-100k DWT)	-	2.0%	2.5%	5.7%	-	-	1.4%	4.3%	6.5%	4.1%	-	-	1.8%	-	-	-	1.2%	2.8%	4.0%	3.9%	
Cape (>100k DWT)	-	3.7%	1.3%	-	-	-	0.58%	3.6%	4.8%	4.3%	-	-	-	-	-	-	0.87%	2.8%	3.8%	2.9%	
General Cargo	0.92%	1.1%	6.5%	6.4%	8.0%	3.1%	2.0%	4.3%	7.0%	8.2%	-	-	-	3.6%	2.9%	1.6%	1.2%	3.6%	5.2%	8.0%	
Tankers																					
Small Product (<25k DWT)	2.4%	1.3%	3.7%	5.8%	12.0%	-	-	4.9%	5.0%	5.1%	-	-	-	-	-	1.2%	0.28%	2.9%	4.3%	7.4%	
MR1/MR2 (25 – 60k DWT)	-	-	1.2%	5.8%	-	-	1.2%	-	1.6%	6.0%	1.9%	-	-	-	-	0.92%	0.38%	0.25%	1.7%	4.8%	
LR1/LR2 (60-125k DWT)	-	1.4%	-	3.1%	-	-	-	2.4%	3.1%	9.3%	-	-	-	2.0%	-	-	0.54%	1.2%	2.2%	9.4%	
Suezmax (125-200k DWT)	-	2.9%	-	-	-	-	-	-	14.3%	10.5%	-	-	-	-	-	-	1.5%	-	1.7%	6.1%	
VLCC (>200k DWT)	-	-	15.4%	-	-	-	3.2%	5.1%	10.7%	17.5%	-	-	-	-	-	-	1.6%	5.5%	7.5%	14.6%	
LNG/Gas Carriers	-	-	-	-	-	-	-	-	4.6%	-	-	-	-	-	-	-	-	-	2.5%	-	
LPG carrier	-	-	2.4%	6.1%	-	-	-	2.0%	5.9%	14.3%	-	-	-	5.0%	11.1%	-	-	1.5%	4.7%	11.1%	
Containers																					
Feeders (<10k DWT)	-	-	6.5%	-	-	12.5%	-	-	2.5%	7.8%	-	-	-	-	-	12.5%	-	-	1.2%	5.8%	
Large (10-90k DWT)	3.6%	-	-	0.75%	2.7%	0.27%	-	3.1%	3.0%	3.7%	-	-	3.9%	1.3%	1.8%	0.43%	-	2.1%	1.8%	2.7%	
Ultra Large (>90k DWT)	-	-	-	-	-	0.75%	1.1%	0.52%	1.7%	2.9%	-	-	-	1.2%	-	0.42%	0.75%	0.48%	1.1%	1.3%	

Notes

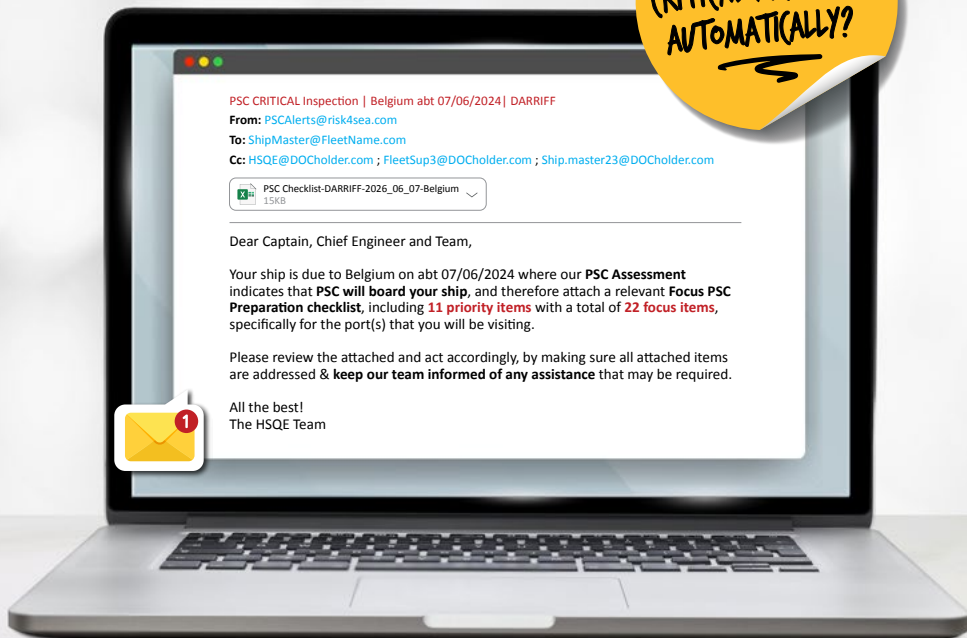
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 30/06 of 2024 | each of the respective regimes
- **Font Color:** Green Font indicates 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?



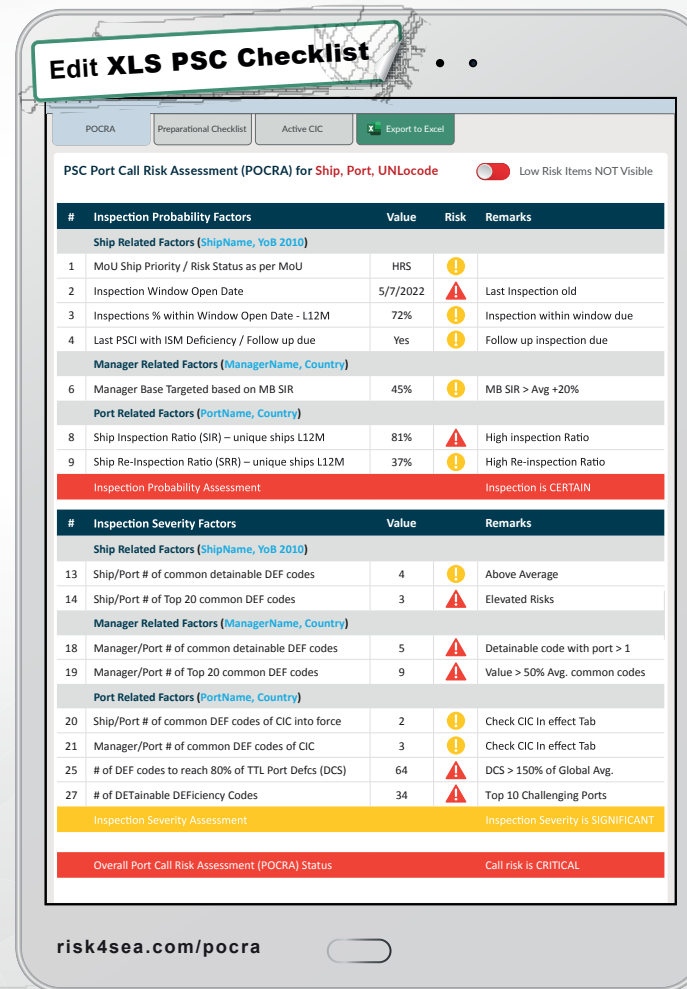
Automation License will

<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

