

RISK4SEA

PSC Primary KPIs

Deficiency Per Inspection (DPI) & Detention Rate (DER) SEM1 2023

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, Detention Deficiency Profile, 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)	0.55	1.71	3.89	4.31	4.80	1.79	1.59	2.23	2.58	2.95	-	0.25	0.59	1.31	1.00	1.38	1.12	2.13	2.52	3.71	
Handymax (35-50k DWT)	0.96	2.54	3.10	5.05	3.58	0.78	0.89	2.40	4.38	2.98	0.08	0.49	0.43	-	-	0.61	0.97	1.77	2.94	3.06	
Supramax (50-67k DWT)	1.27	1.70	4.29	4.61	8.12	1.04	1.41	1.76	2.05	2.53	0.21	0.41	0.62	0.06	3.50	0.66	1.10	1.70	2.02	3.38	
Panamax (67-100k DWT)	1.92	2.59	3.12	3.02	2.35	1.21	1.61	1.66	1.78	2.43	0.09	0.07	0.44	0.89	0.67	0.96	1.39	1.58	1.61	2.49	
Cape (>100k DWT)	1.00	1.50	3.29	3.43	1.00	0.84	1.34	1.73	1.86	1.65	-	0.14	0.71	1.00	-	0.82	1.28	1.77	1.89	2.28	
General Cargo	1.95	1.98	2.75	2.84	4.66	1.81	1.34	2.34	3.08	3.26	-	0.25	0.39	0.24	0.85	1.61	1.28	2.15	2.74	3.96	
Tankers																					
Small Product (<25k DWT)	0.89	1.13	2.12	2.63	4.04	0.83	0.93	1.40	1.65	2.66	0.55	0.45	0.24	0.17	0.67	0.73	0.97	1.59	1.87	3.06	
MR1/MR2 (25 – 60k DWT)	0.71	0.97	1.76	2.41	2.66	0.45	0.65	1.04	1.65	2.78	0.10	0.16	0.27	0.42	0.09	0.36	0.56	1.04	1.67	3.03	
LR1/LR2 (60-125k DWT)	0.60	0.41	1.86	3.59	4.00	0.69	0.93	1.72	1.62	3.94	0.18	0.08	0.16	0.29	-	0.49	0.51	1.25	1.85	3.84	
Suezmax (125-200k DWT)	0.31	0.36	2.44	2.14	6.50	-	0.82	1.20	2.70	3.86	0.31	0.33	0.20	0.25	-	0.25	0.48	1.29	1.94	4.36	
VLCC (>200k DWT)	0.09	0.69	2.67	2.33	1.00	0.56	0.64	1.41	2.74	4.74	0.08	0.18	0.78	1.50	-	0.27	0.52	1.44	2.67	4.45	
LNG/Gas Carriers	0.22	0.29	0.88	0.84	4.25	0.92	0.74	1.09	1.67	3.30	0.08	0.20	0.14	0.17	-	0.23	0.37	0.87	1.15	2.94	
LPG carrier	0.43	0.75	1.41	3.00	3.08	0.83	1.18	0.89	1.43	3.07	0.13	0.04	0.57	0.25	0.75	0.49	0.66	0.85	1.65	2.98	
Containers																					
Feeders (<10k DWT)	-	-	1.29	2.39	4.52	2.44	1.67	1.29	2.35	2.51	-	-	-	1.40	-	2.20	1.67	1.29	3.12	4.05	
Large (10-90k DWT)	1.04	0.67	2.06	2.79	3.83	0.57	1.10	1.73	1.90	2.17	0.50	-	0.45	1.06	0.77	0.58	0.89	1.49	1.85	2.40	
Ultra Large (>90k DWT)	0.57	0.74	0.84	3.27	0.80	0.95	1.14	1.42	2.36	2.35	-	0.08	0.34	0.47	-	0.76	0.84	1.06	1.58	1.65	

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 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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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 SEM1 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)	-	-	4.6%	8.0%	5.1%	4.1%	1.2%	3.5%	3.9%	5.2%	-	-	4.9%	7.7%	-	3.0%	0.50%	2.7%	3.9%	4.6%	
Handymax (35-50k DWT)	-	0.88%	3.5%	15.8%	5.6%	2.1%	2.3%	3.3%	-	6.1%	-	-	4.4%	-	-	1.0%	1.2%	2.3%	5.7%	6.0%	
Supramax (50-67k DWT)	-	-	5.8%	4.2%	12.0%	0.87%	2.2%	3.7%	4.5%	6.3%	-	1.6%	1.2%	-	50.0%	0.36%	1.2%	2.6%	2.9%	6.1%	
Panamax (67-100k DWT)	-	1.8%	2.3%	8.9%	-	0.38%	2.1%	2.6%	3.3%	4.9%	-	-	2.1%	-	-	0.20%	1.5%	2.1%	2.7%	4.7%	
Cape (>100k DWT)	3.0%	2.9%	3.4%	-	-	1.1%	1.5%	4.0%	3.8%	4.7%	-	-	4.2%	-	-	1.3%	1.5%	3.5%	3.7%	3.0%	
General Cargo	1.3%	2.6%	4.4%	3.0%	7.8%	3.2%	1.4%	5.3%	6.1%	8.2%	-	-	-	-	11.1%	2.1%	1.3%	3.8%	4.1%	6.5%	
Tankers																					
Small Product (<25k DWT)	-	-	4.4%	3.7%	5.1%	0.76%	1.1%	1.9%	5.3%	4.9%	-	5.0%	-	-	-	0.44%	1.2%	2.5%	3.9%	5.0%	
MR1/MR2 (25 – 60k DWT)	-	0.78%	-	0.67%	-	-	1.6%	1.8%	3.4%	10.7%	-	-	1.7%	3.5%	-	-	0.75%	1.1%	2.8%	6.7%	
LR1/LR2 (60-125k DWT)	-	-	-	9.2%	12.5%	-	-	5.6%	6.1%	16.9%	-	-	-	2.6%	-	-	-	1.9%	4.8%	14.0%	
Suezmax (125-200k DWT)	-	-	-	-	25.0%	-	-	-	5.0%	21.4%	-	-	-	-	-	-	-	-	1.5%	19.4%	
VLCC (>200k DWT)	-	-	8.3%	-	-	3.1%	2.3%	-	7.0%	14.7%	-	-	-	-	-	1.2%	1.2%	0.92%	6.3%	13.2%	
LNG/Gas Carriers	-	-	-	-	-	-	-	-	12.5%	20.0%	-	-	-	-	-	-	-	-	5.1%	11.8%	
LPG carrier	-	-	-	9.1%	8.3%	-	2.8%	-	2.2%	18.9%	-	-	8.7%	-	-	-	0.92%	1.3%	3.7%	13.4%	
Containers																					
Feeders (<10k DWT)	-	-	-	-	7.1%	-	-	-	3.9%	1.4%	-	-	-	20.0%	-	-	-	-	5.0%	4.7%	
Large (10-90k DWT)	-	-	2.6%	3.8%	7.3%	1.3%	2.4%	3.8%	4.0%	6.0%	-	-	2.4%	5.5%	4.2%	1.1%	1.7%	2.8%	3.4%	5.3%	
Ultra Large (>90k DWT)	-	-	-	5.4%	-	-	-	0.99%	5.2%	5.9%	-	-	-	3.5%	-	-	0.21%	0.53%	3.6%	2.3%	

Notes

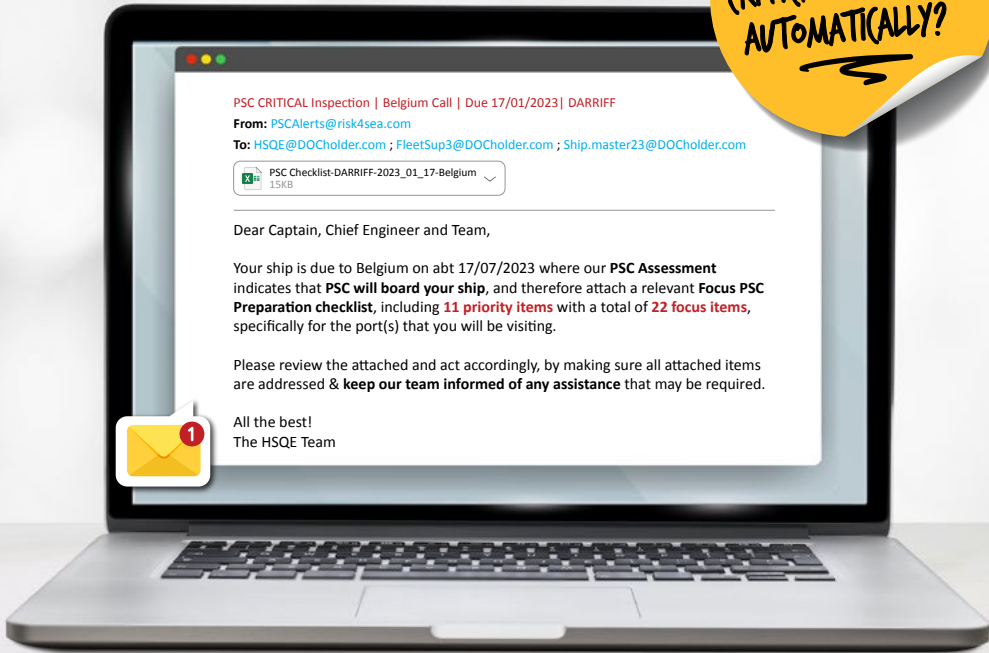
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 30/06 of 2023 | each of the respective regimes
- **Font Color:** Green Font indicates the lowest value while red font indicates the highest value of the Fleet segment in the respective regime
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RISK4SEA

CAN YOU IDENTIFY CRITICAL PSC CALLS? AUTOMATICALLY?



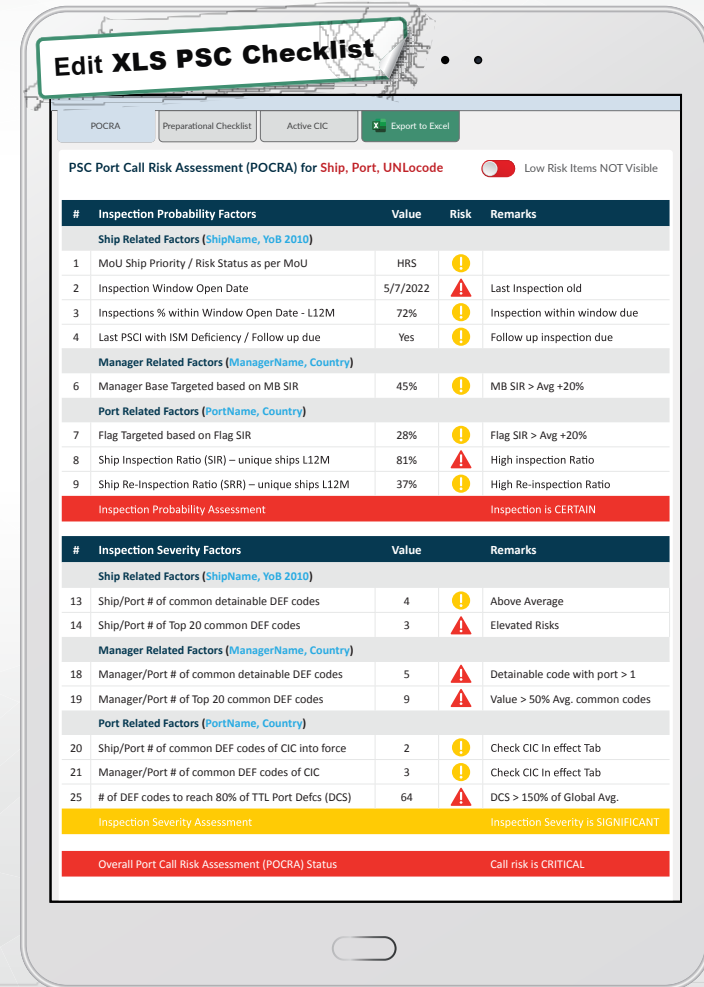
Automation License will

<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

