

RISK4SEA

PSC Primary KPIs

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

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' (Capesize) are visible. The dashboard is divided into several sections:

- Manager Performance:** Includes links for Fleet Insights, Inspection Analytics, MOU Performance, Manager KPIs, and Benchmarking Performance. It features a '49 Detentions' and '41 Managers with ships Detained' summary.
- Detention Insights:** Provides a detailed view of the 49 detentions, including links for Analytics, Deficiency Profile, KPIs, Trends, Ship List, and Manager List.
- Country Insights:** Offers insights into different countries, with links for Challenging Ports, Detentions, Deficiency Profiles, KPI vs Ave Variations, and Top Performers.
- Notifications:** A list of alerts including Port Detentions (+5), Ship Detentions (+1), Manager Detentions (+5), PSC Library Update, CIC Update, Licence Expiration (8), and System Update (+1).
- 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 YTD 2023 (JAN23 – SEP23)

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)	0.94	2.23	3.93	4.25	4.78	1.72	1.41	2.11	2.44	2.79	-	1.23	0.53	1.37	1.75	1.38	1.17	1.99	2.42	3.50	
Handymax (35-50k DWT)	0.86	2.69	3.70	5.54	4.10	0.74	0.88	1.98	3.85	2.93	0.10	0.53	0.40	2.20	-	0.56	0.96	1.76	3.00	3.20	
Supramax (50-67k DWT)	1.58	2.13	4.52	4.65	7.23	1.05	1.35	1.70	2.03	2.72	0.15	0.57	0.89	0.60	3.00	0.71	1.09	1.73	2.06	3.19	
Panamax (67-100k DWT)	1.71	2.46	3.44	3.36	3.21	1.12	1.47	1.53	1.85	2.23	0.07	0.13	0.53	0.93	0.71	0.88	1.26	1.54	1.69	2.42	
Cape (>100k DWT)	1.05	1.45	3.44	2.67	1.00	0.76	1.22	1.61	1.72	1.84	-	0.20	0.52	1.00	-	0.73	1.17	1.68	1.72	2.42	
General Cargo	1.88	1.93	2.86	3.17	4.82	1.76	1.51	2.30	3.00	3.31	-	0.33	0.47	0.24	1.47	1.57	1.31	2.15	2.79	4.01	
Tankers																					
Small Product (<25k DWT)	0.76	1.19	2.29	2.65	3.47	0.75	0.96	1.33	1.54	2.31	0.55	0.43	0.51	0.17	1.30	0.67	0.96	1.57	1.85	2.67	
MR1/MR2 (25 – 60k DWT)	0.73	0.94	2.13	2.41	2.63	0.48	0.63	1.14	1.64	2.81	0.11	0.10	0.40	0.41	0.07	0.37	0.54	1.19	1.69	2.87	
LR1/LR2 (60-125k DWT)	0.58	0.61	2.12	3.93	4.36	0.64	0.91	1.49	1.71	3.99	0.17	0.10	0.22	0.33	-	0.43	0.59	1.18	1.97	3.88	
Suezmax (125-200k DWT)	0.25	0.51	2.07	2.13	4.33	-	1.00	1.04	2.48	3.80	0.20	0.23	0.12	0.21	-	0.19	0.52	1.03	1.79	3.90	
VLCC (>200k DWT)	0.31	0.95	1.84	2.33	1.00	0.68	0.68	1.73	2.49	3.87	0.14	0.27	0.57	1.33	-	0.38	0.61	1.51	2.44	3.74	
LNG/Gas Carriers	0.35	0.29	0.85	0.88	2.50	0.85	0.69	0.83	1.49	2.50	0.08	0.19	0.13	0.27	-	0.32	0.37	0.72	1.06	2.20	
LPG carrier	0.69	0.88	1.36	3.40	3.02	0.82	1.12	1.23	1.34	2.92	0.13	0.04	0.50	0.39	1.56	0.58	0.67	0.97	1.67	3.01	
Containers																					
Feeders (<10k DWT)	-	-	1.63	2.78	4.18	2.00	1.57	1.75	2.24	2.25	-	0.50	-	1.40	0.33	1.83	1.44	1.70	2.95	3.63	
Large (10-90k DWT)	1.00	0.59	1.79	2.72	3.54	0.64	1.06	1.60	1.79	1.99	0.25	0.07	0.54	0.98	1.02	0.63	0.85	1.39	1.76	2.31	
Ultra Large (>90k DWT)	0.76	0.84	0.87	2.90	2.06	0.92	1.11	1.34	1.94	2.11	-	0.22	0.26	0.75	-	0.81	0.86	1.05	1.53	1.87	

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 30/09 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

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 YTD 2023 (JAN23 – SEP23)

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)	-	2.1%	5.9%	6.8%	6.4%	3.7%	2.2%	3.8%	3.9%	4.6%	-	7.7%	5.2%	10.5%	12.5%	2.7%	1.3%	3.1%	3.6%	4.4%	
Handymax (35-50k DWT)	-	1.9%	4.0%	15.4%	6.3%	1.4%	1.9%	3.7%	-	5.6%	-	1.7%	2.9%	-	-	0.66%	1.3%	2.5%	4.8%	6.1%	
Supramax (50-67k DWT)	0.72%	1.2%	5.2%	3.2%	11.4%	0.56%	2.1%	3.8%	5.7%	8.2%	-	1.1%	1.4%	-	25.0%	0.35%	1.3%	2.6%	3.6%	7.0%	
Panamax (67-100k DWT)	-	2.0%	3.5%	6.9%	3.5%	0.76%	1.9%	2.9%	3.5%	5.2%	-	-	1.3%	-	-	0.41%	1.4%	2.4%	2.5%	5.1%	
Cape (>100k DWT)	2.4%	2.0%	4.0%	-	-	0.69%	1.0%	3.3%	4.2%	5.3%	-	-	3.0%	-	-	0.83%	1.1%	3.1%	3.9%	3.7%	
General Cargo	0.96%	2.0%	4.3%	4.7%	8.8%	3.1%	1.1%	5.5%	6.7%	8.5%	-	-	1.3%	-	18.6%	2.1%	0.97%	4.0%	5.0%	6.9%	
Tankers																					
Small Product (<25k DWT)	-	-	4.3%	3.3%	4.4%	0.54%	2.1%	2.0%	4.2%	3.7%	-	4.8%	2.9%	-	10.0%	0.32%	1.6%	2.6%	3.5%	4.3%	
MR1/MR2 (25 – 60k DWT)	-	0.56%	1.6%	0.45%	-	-	1.7%	2.5%	4.3%	9.3%	-	-	2.3%	2.4%	-	-	0.76%	1.7%	2.8%	6.0%	
LR1/LR2 (60-125k DWT)	-	-	1.0%	9.2%	18.2%	-	1.1%	3.6%	5.6%	16.1%	-	-	-	1.6%	-	-	0.38%	1.9%	4.8%	14.0%	
Suezmax (125-200k DWT)	-	2.3%	-	-	16.7%	-	-	-	3.7%	17.8%	-	-	-	-	-	-	0.82%	-	0.93%	15.3%	
VLCC (>200k DWT)	-	-	5.3%	-	-	2.0%	1.8%	2.8%	5.5%	13.2%	-	-	-	-	-	0.75%	0.91%	2.5%	5.1%	12.3%	
LNG/Gas Carriers	-	-	-	-	-	-	-	-	12.8%	14.3%	-	-	-	-	-	-	-	-	5.6%	8.0%	
LPG carrier	-	1.1%	-	7.1%	7.0%	-	1.8%	1.3%	4.4%	16.9%	-	-	7.7%	-	11.1%	-	0.94%	1.4%	3.9%	13.3%	
Containers																					
Feeders (<10k DWT)	-	-	-	2.4%	5.3%	-	7.1%	8.3%	2.8%	2.7%	-	-	-	20.0%	-	-	6.3%	5.0%	4.0%	5.2%	
Large (10-90k DWT)	-	-	1.9%	3.9%	7.2%	1.1%	1.7%	3.5%	3.2%	5.0%	-	-	3.9%	4.2%	6.5%	0.85%	1.2%	2.6%	2.9%	5.1%	
Ultra Large (>90k DWT)	-	-	-	3.8%	-	-	0.25%	1.0%	4.6%	3.6%	-	-	-	7.8%	-	-	0.28%	0.55%	4.1%	1.5%	

Notes

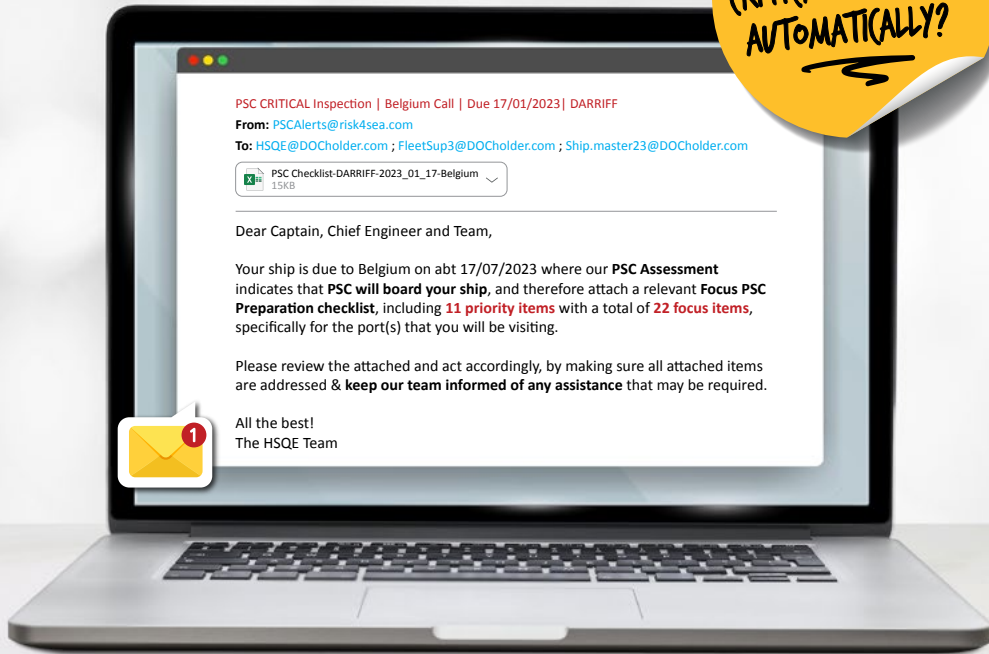
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 30/09 of 2023 | each of the respective regimes
- **Font Color:** Green Font indicates 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?



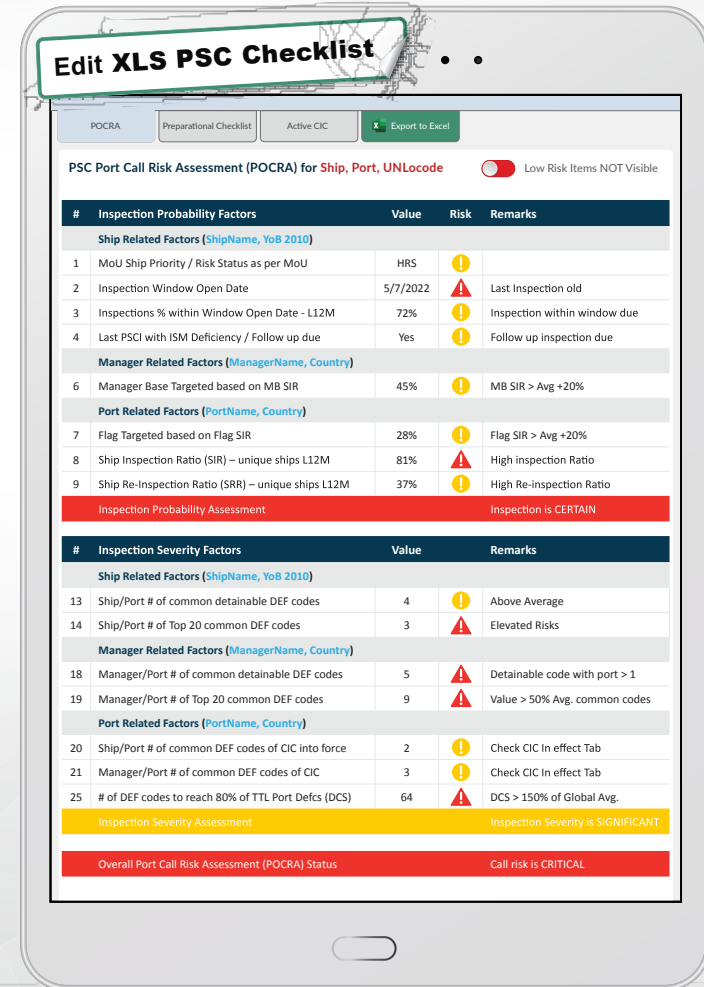
Automation License will

<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

