

# RISK4SEA

## PSC Primary KPIs

Deficiency Per Inspection (DPI) & Detention Rate (DER) Q1 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:** 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
<b>Dry Bulk Ships</b>																				
Handysize (<35k DWT)	-	1.50	4.42	4.47	4.48	1.58	1.31	2.16	2.37	2.86	-	-	0.38	-	-	1.26	1.02	2.19	2.49	3.53
Handymax (35-50k DWT)	1.48	2.38	3.00	4.25	2.65	1.13	0.77	2.68	3.00	3.25	-	1.33	1.67	-	-	0.94	0.92	1.91	2.30	3.02
Supramax (50-67k DWT)	1.29	1.88	4.35	4.95	6.38	0.98	1.18	1.68	1.60	2.35	-	0.22	0.40	0.20	-	0.71	1.03	1.65	1.89	2.84
Panamax (67-100k DWT)	1.49	3.46	2.93	3.03	2.78	1.15	1.47	1.53	1.83	2.22	-	-	0.71	0.67	-	0.91	1.64	1.59	1.68	2.47
Cape (>100k DWT)	1.25	1.59	3.52	4.00	1.00	0.83	1.42	1.68	1.87	1.54	-	-	0.86	-	-	0.83	1.33	1.80	1.99	1.77
General Cargo	1.54	2.53	2.81	3.01	4.39	1.65	1.49	1.96	2.71	2.94	-	-	0.33	0.33	-	1.46	1.46	2.04	2.61	3.92
<b>Tankers</b>																				
Small Product (<25k DWT)	0.92	0.75	2.19	2.73	0.92	0.60	0.90	1.42	1.53	3.03	-	2.00	-	-	-	0.59	0.80	1.61	1.92	3.17
MR1/MR2 (25 – 60k DWT)	0.64	0.91	2.11	2.40	0.64	0.45	0.47	0.97	1.53	2.23	0.38	-	0.86	1.00	-	0.41	0.61	1.21	1.63	2.66
LR1/LR2 (60-125k DWT)	0.74	0.39	2.13	3.95	0.74	0.59	1.24	2.12	1.52	5.62	0.20	0.33	-	0.83	-	0.54	0.62	1.57	1.87	5.50
Suezmax (125-200k DWT)	0.32	0.30	3.41	3.30	0.32	-	-	1.00	2.67	2.10	-	0.50	-	1.00	-	0.24	0.25	2.06	2.41	3.89
VLCC (>200k DWT)	0.10	0.50	4.40	-	0.10	0.33	0.36	1.37	1.58	3.63	-	0.50	1.25	-	-	0.19	0.41	1.67	1.58	3.36
LNG/Gas Carriers	0.50	0.50	1.00	0.33	0.50	1.75	0.33	0.89	0.56	-	-	-	-	-	-	0.65	0.42	0.84	0.41	2.40
LPG carrier	0.75	0.90	0.90	3.38	0.75	0.87	0.70	0.74	1.35	2.74	-	-	5.50	-	-	0.81	0.58	0.80	1.84	2.66
<b>Containers</b>																				
Feeders (<10k DWT)	-	-	0.40	2.08	-	-	1.60	1.00	2.40	1.95	-	-	-	-	-	-	1.60	0.67	3.02	4.35
Large (10-90k DWT)	1.40	0.89	1.96	2.65	1.40	0.53	0.76	1.65	1.72	1.84	1.00	-	0.50	1.21	0.86	0.53	0.69	1.41	1.73	2.28
Ultra Large (>90k DWT)	0.61	0.58	1.00	3.94	0.61	1.00	1.12	1.06	3.12	1.40	-	-	-	0.45	-	0.85	0.77	0.97	1.96	0.61

### 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 31/03 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](http://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 Q1 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+
<b>Dry Bulk Ships</b>																					
Handysize (<35k DWT)	-	-	4.4%	2.2%	1.4%	-	-	1.9%	2.8%	5.4%	-	-	-	-	-	-	-	1.7%	2.2%	3.5%	
Handymax (35-50k DWT)	-	-	3.3%	-	-	-	0.85%	4.2%	-	4.6%	-	-	-	-	-	-	0.75%	2.5%	-	3.2%	
Supramax (50-67k DWT)	-	-	3.7%	2.7%	7.7%	2.2%	1.3%	2.2%	1.9%	3.3%	-	-	5.9%	-	-	0.92%	0.81%	1.5%	1.6%	2.8%	
Panamax (67-100k DWT)	-	-	2.0%	8.3%	-	-	1.1%	1.2%	0.72%	2.2%	-	-	-	-	-	-	0.71%	1.5%	1.1%	1.7%	
Cape (>100k DWT)	-	-	5.4%	-	-	-	1.6%	2.4%	2.1%	-	-	-	-	-	-	-	1.3%	2.6%	2.5%	-	
General Cargo	-	3.5%	3.1%	2.0%	5.4%	4.2%	0.98%	3.3%	5.6%	5.4%	-	-	-	-	-	2.6%	1.4%	2.5%	3.5%	4.0%	
<b>Tankers</b>																					
Small Product (<25k DWT)	-	-	3.3%	3.6%	2.4%	-	1.1%	1.6%	2.2%	5.3%	-	-	-	-	-	-	0.68%	1.7%	2.7%	3.9%	
MR1/MR2 (25 – 60k DWT)	-	-	-	-	-	-	1.1%	-	0.85%	5.3%	-	-	14.3%	-	-	-	0.44%	0.49%	0.58%	3.2%	
LR1/LR2 (60-125k DWT)	-	-	-	10.3%	-	-	-	6.0%	7.1%	15.4%	-	-	-	8.3%	-	-	-	2.3%	4.9%	11.1%	
Suezmax (125-200k DWT)	-	-	-	-	25.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6%	
VLCC (>200k DWT)	-	-	20.0%	-	-	-	-	-	8.3%	-	-	-	-	-	-	-	-	1.9%	8.3%	-	
LNG/Gas Carriers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LPG carrier	-	-	-	6.3%	-	-	4.4%	-	-	6.4%	-	-	-	-	-	-	1.4%	-	2.0%	3.8%	
<b>Containers</b>																					
Feeders (<10k DWT)	-	-	-	-	-	-	-	-	8.0%	2.7%	-	-	-	-	-	-	-	-	6.4%	3.9%	
Large (10-90k DWT)	-	-	-	3.2%	3.3%	1.1%	1.9%	1.8%	2.0%	3.7%	-	-	-	10.7%	4.6%	0.82%	1.4%	1.1%	2.2%	3.2%	
Ultra Large (>90k DWT)	-	-	-	9.1%	-	-	-	-	5.8%	-	-	-	-	4.6%	-	-	-	-	4.4%	-	

### Notes

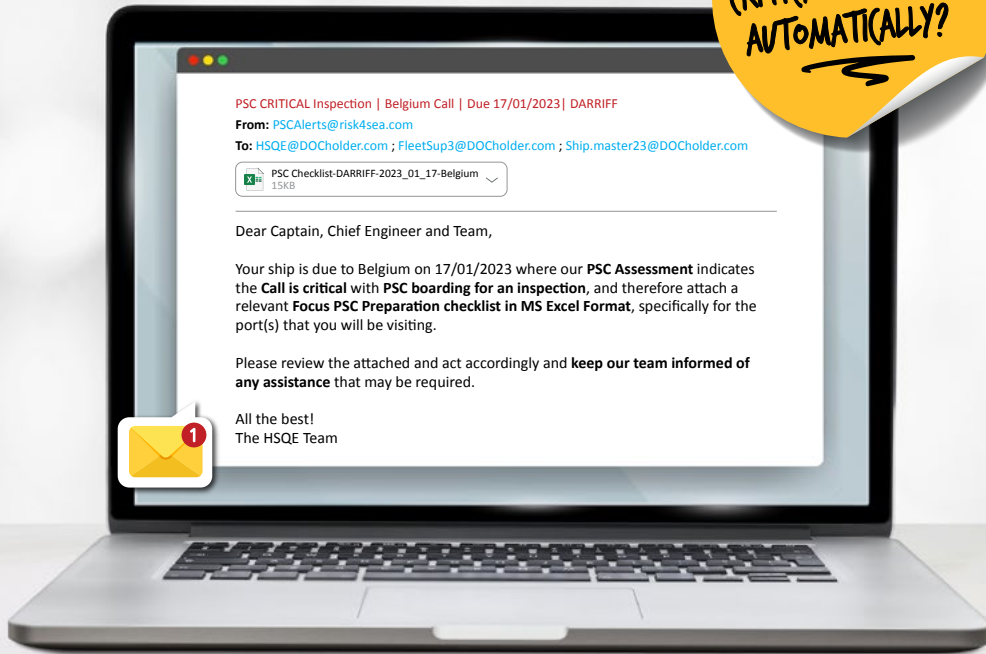
- **Detention Rate** = 100 x (number of detentions for the period, age group & regime) / (sum of inspections recorded for the period, age group & regime)
- **Period of Analysis:** Inspections occurred between 01/01 to 31/03 of 2023 | each of the respective regimes
- **Font Color:** Green Font indicates 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

CAN YOU IDENTIFY CRITICAL PSC CALLS? AUTOMATICALLY?



## Automation License will

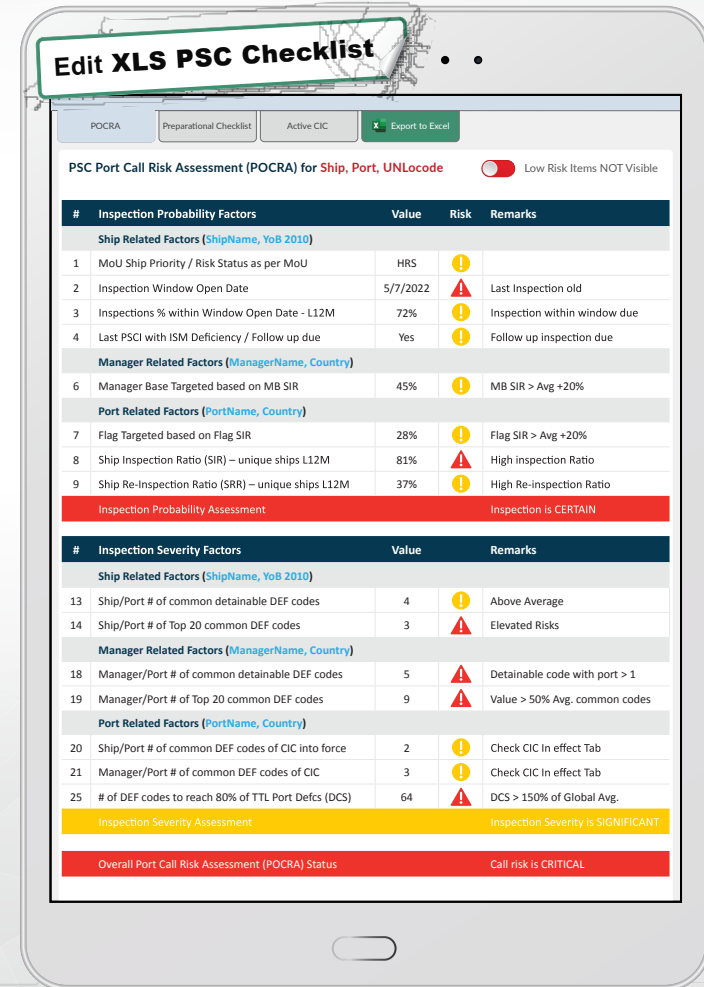
- ✓ Integrate for Call planning & port/multiport PSC assessments
- ✓ Identify when PSC inspections will take place
- ✓ Identify Critical and Challenging PSC Calls
- ✓ E-mail advance alerts to Ship/Office PICs
- ✓ Provide Monthly PSC Inspections Reviews & LTBL
- ✓ Eliminate Detentions & Minimise 10x OPEX

95% SUCCESS

[www.risk4sea.com/automation](http://www.risk4sea.com/automation)

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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](http://www.risk4sea.com)

