



**Reducing ship associated hazards before arrival
via RightPort Risk Solution**

by **RightShip**

Who is RightShip

Since 2001, RightShip has been the world's leading third party maritime due diligence organisation, providing expertise and transparency in safety, sustainability and social practices via digital platforms.

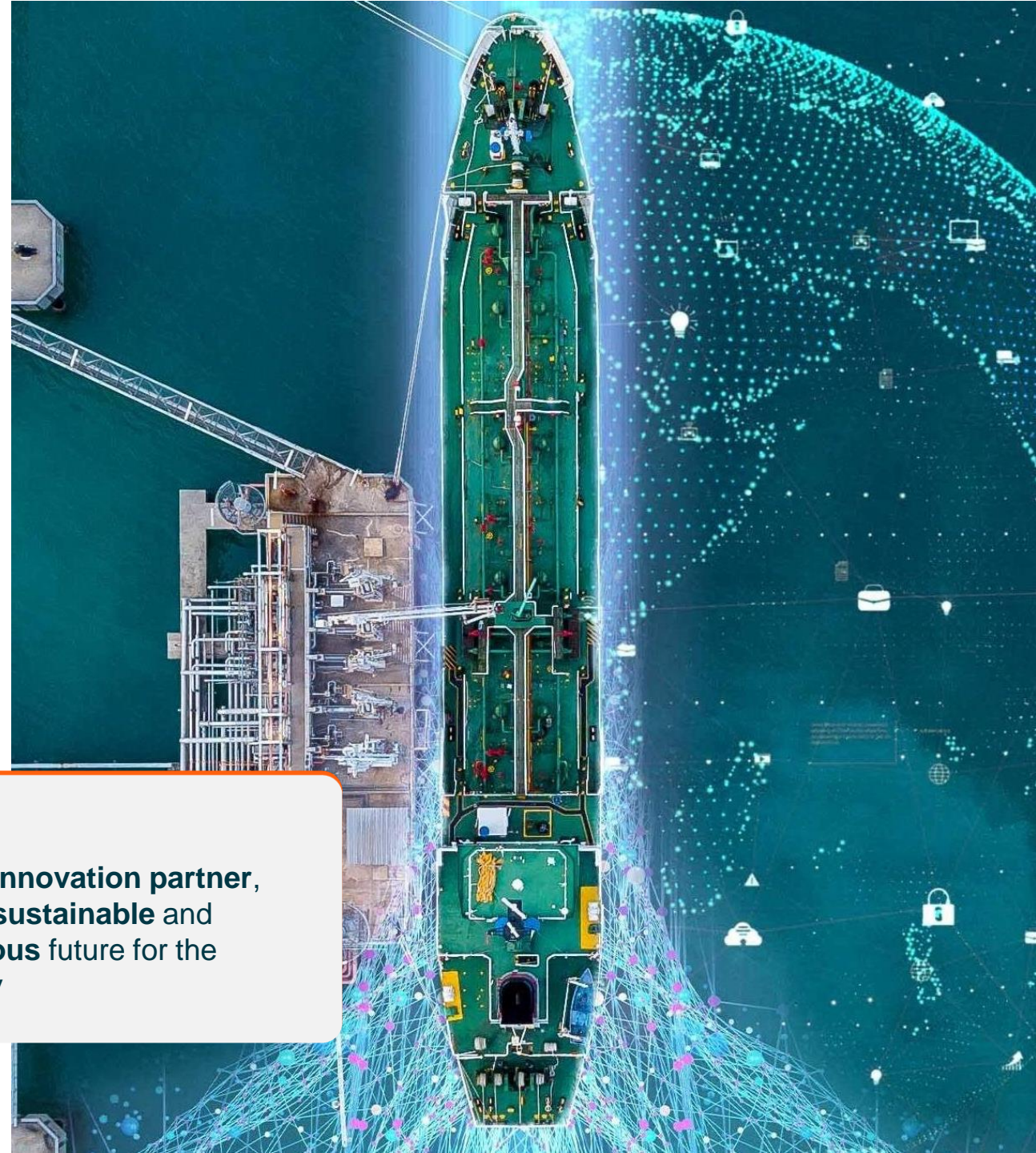
We bring together years of industry expertise with the output from analytics and large data sets to provide our safety and environmental scoring systems, recommendations and consultancy services.

Vision

A maritime industry that causes **zero harm**

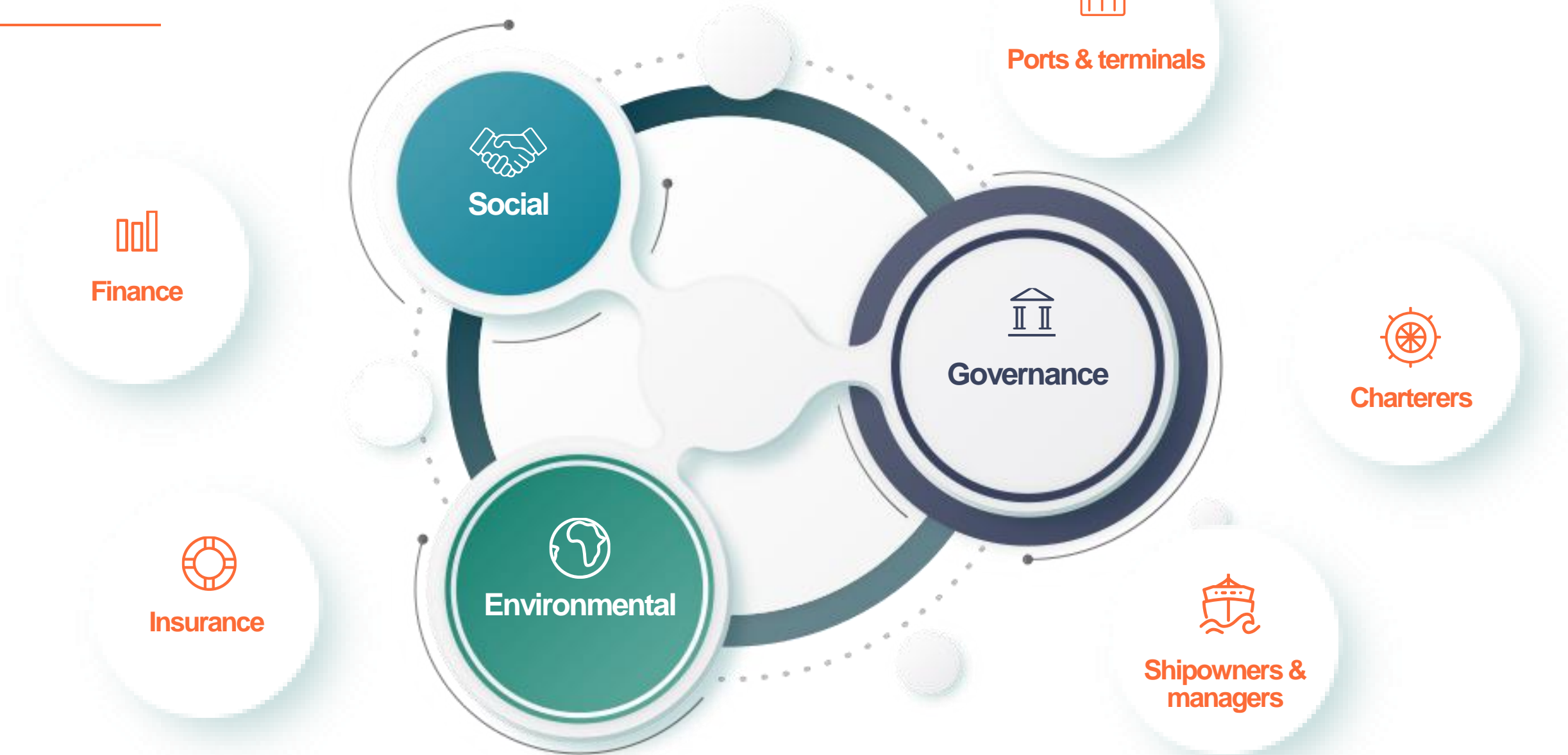
Mission

To be a **trusted innovation partner**, charting a **safe, sustainable and socially conscious** future for the maritime industry



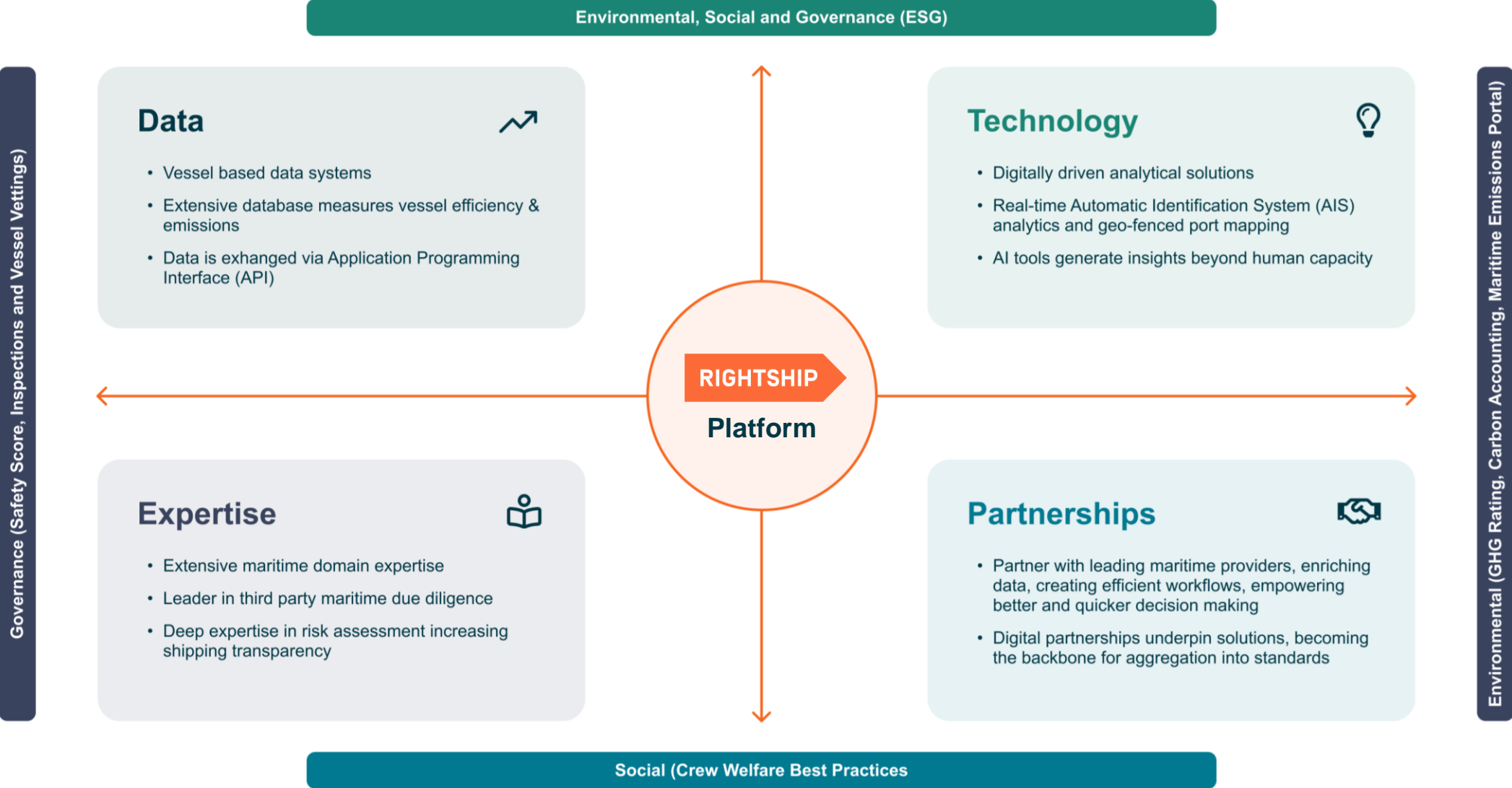
Serving the maritime eco-system

RIGHTSHIP



A maritime industry that causes zero harm

The RightShip Ecosystem



We are powered by our Platform

The RightShip Platform accesses proprietary and third-party data to power the results of vessel vetting and inspections.



235,000 Vessels



8,274 Companies



1,721,346 Port State Control Records



181,072 Incidents



42,355 Terminal Feedback Reports



17,306 RightShip Inspections

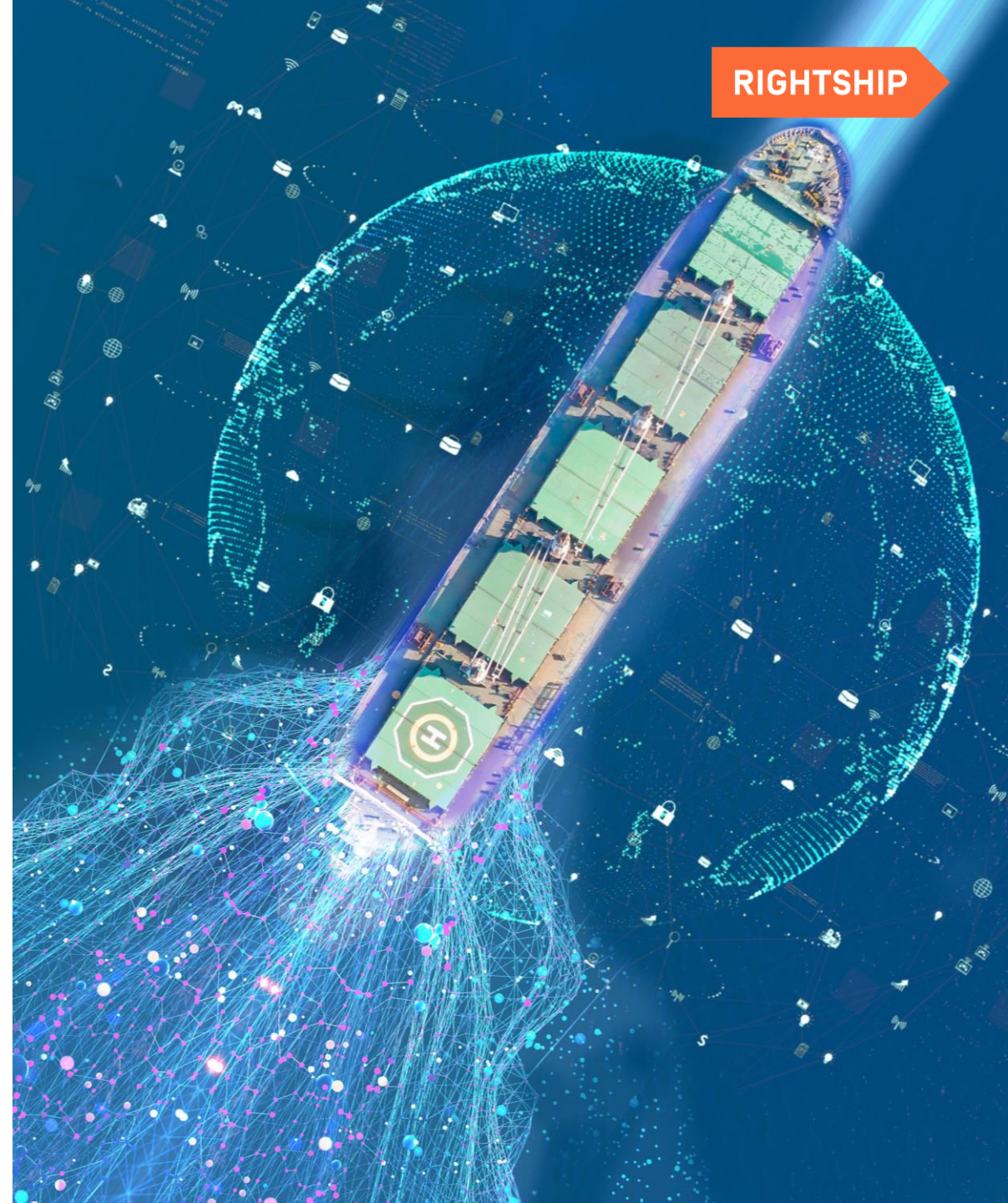


101,500 Ratings



622,482 Vet Requests

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Ports & Terminals are facing unprecedented challenges..



51,15%

of global incidents
occur within Port Limits



2,473

vessels were detained
by PSC Authorities in
2023



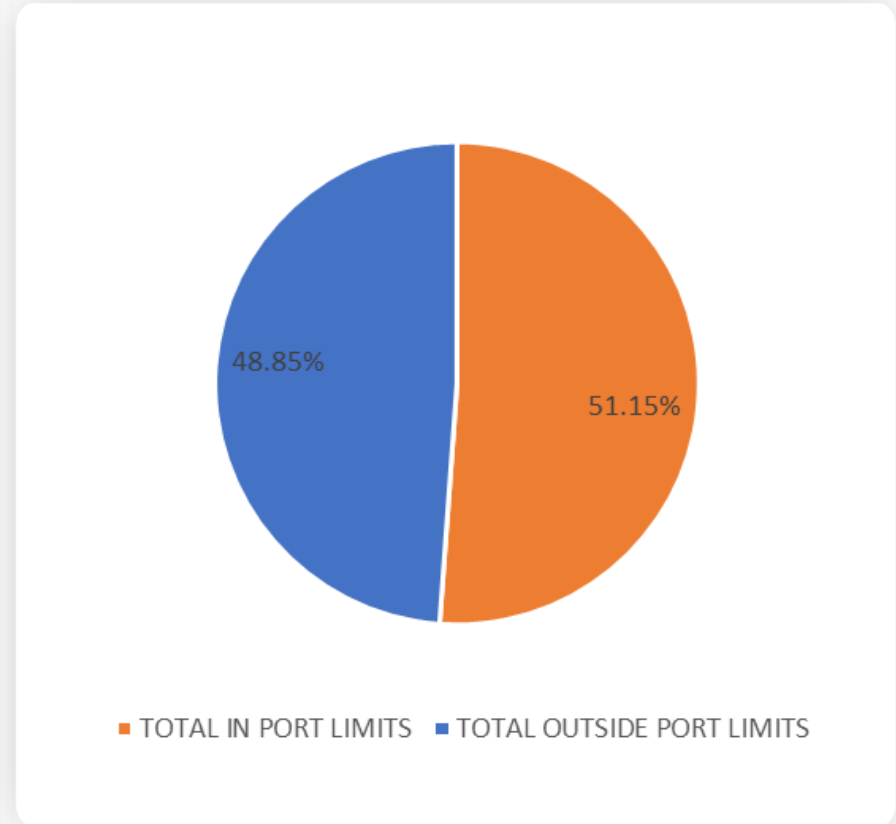
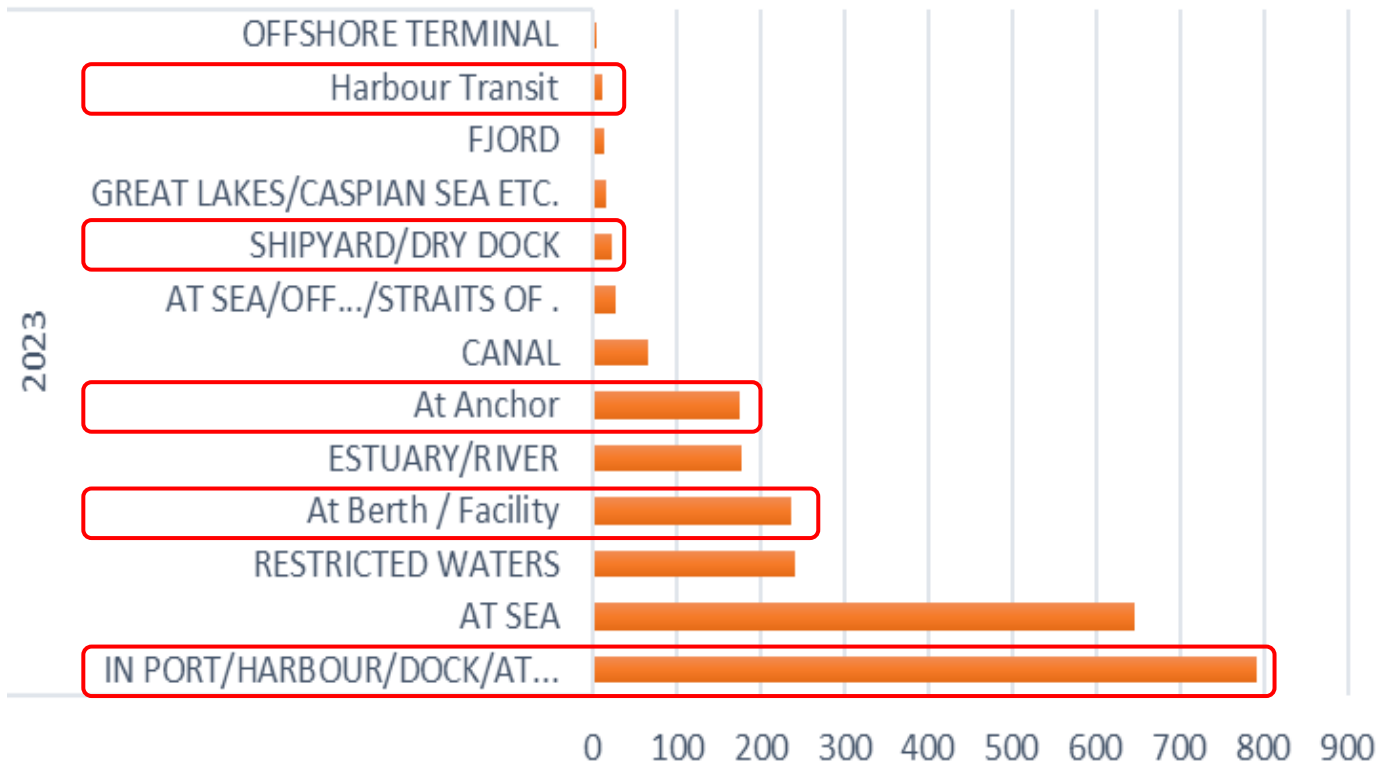
15,332

days of PSC
detentions

>50% of ship incidents occur within port limits



NUMBER OF INCIDENTS



Port State Control performance worsening



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PSC Inspection Summary

Inspection Date: 1/1/2021 to 12/31/2023
 Age: 0 to 124
 DWT: 0 to 516,895
 No. of Deficiencies: 0 to 100

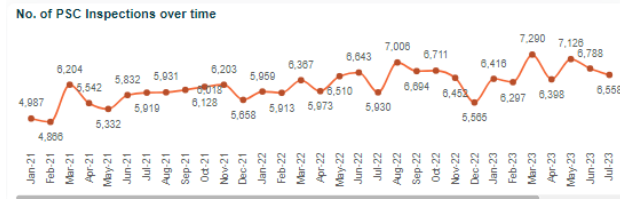
Company Role: All | Company Name: All | Vessel Type: All | Inspection Status: All | Flag: All | Class: All | PSC MOU: All | Country Name: All | Port Name: All | Is Ship Detained: All

No. of inspections	with >=1 deficiency	97,120	No. of inspected ships	Avg No. of deficiencies	1.8	Detention ratio	11.9%	Avg No. of days detained (minimum)	6.6
223,349	with >=1 deficiency and detention	5,886	39,891						

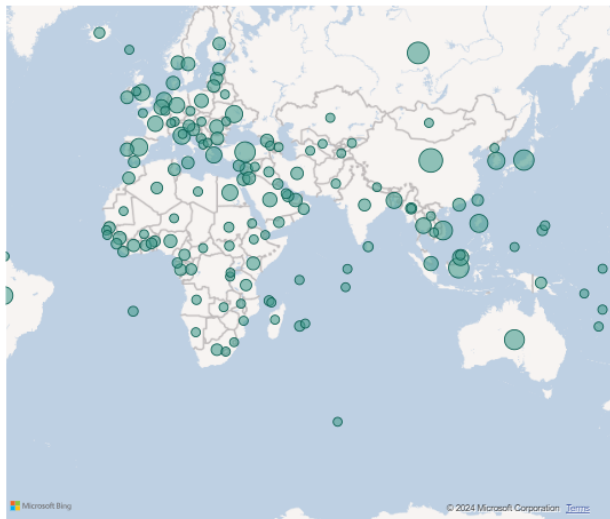
Disclaimer: Misreported inspections are excluded from all reports on this dashboard.

Select Metric: No. of PSC Inspections | Ave No. of Deficiencies | Detention ratio

No. of PSC Inspections



No. of PSC Inspections by country



by Class

Nippon Kaiji Kyokai	50,629
Det Norske Veritas	35,827
Bureau Veritas	26,620
Lloyd's Register	26,466
American Bureau ...	23,829
Registro Italiano ...	14,867
China Classificati...	11,324
Korean Register	11,109

by Flag

Panama	41,314
Liberia	31,432
Marshall Islands	28,209
Hong Kong, China	12,753
Singapore	11,729
Malta	11,562
Bahamas	6,792
Portugal (Mar)	4,702

Is Vetted last 12 months

Vetted Vessel	102,307
Not Vetted	121,042

by Vessel Type

Bulk Carrier	82,028
General Cargo	41,872
Container	29,113
Chemical Tanker	25,001
Crude & Products...	15,057
Other / Non-Carg...	9,466
Vehicle Carrier	5,354
LPG Tanker	4,683

by Age Group

0-9	62,765
10-13	52,560
14-24	78,581
25-30	23,610
40-50	5,601
60+	232

by DWT Group

<1K	5,369
1-4K	21,898
5-24K	58,703
25-39K	35,266
40-59K	38,620
60-99K	38,530
100-199K	20,134
>=200K	4,829

by MOU

Tokyo MOU	60,485
Paris MOU	48,636
United States Coa...	29,617
Vina Del Mar MOU	17,905
Mediterranean MOU	15,998
Black Sea MOU	13,637
Indian Ocean MOU	8,177
Australia Maritime...	7,597
Abuja MOU	5,887
Riyadh MOU	4,477
Caribbean MOU	1,173
Other	1,033
US Coastguard LE	16

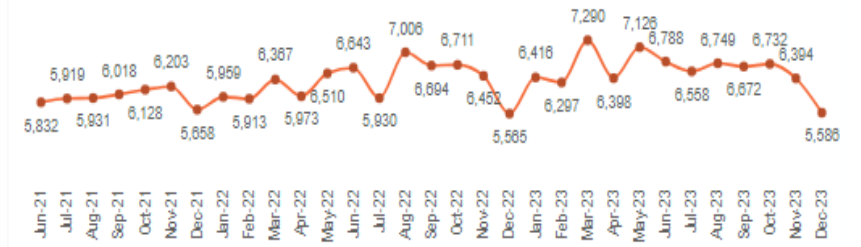
by Country

United States	38,371
China	14,429
Russia	10,907
Turkey	8,949
Japan	8,717
Indonesia	8,599
Australia	8,091
Vietnam	6,543
Philippines	5,512
Brazil	5,214
Spain	4,769
Italy	4,644
Ukraine	4,607

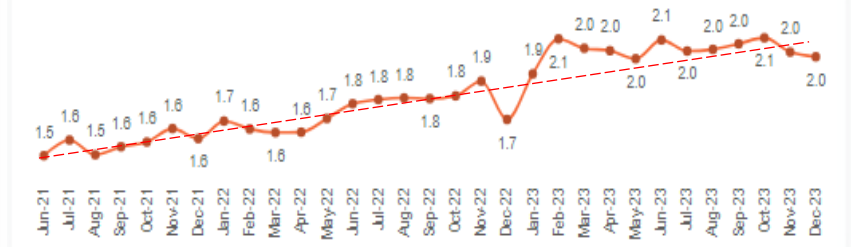
by Port

Novorossiysk	3,910
Unknown	3,814
New Orleans	3,703
HOUSTON	2,741
Chattoogram	2,319
Rotterdam	1,962
New York & N...	1,855
Singapore	1,809
Alexandria (Eg...	1,806
Callao	1,741
Mobile	1,713
Antwerp	1,653
Tianjin	1,578

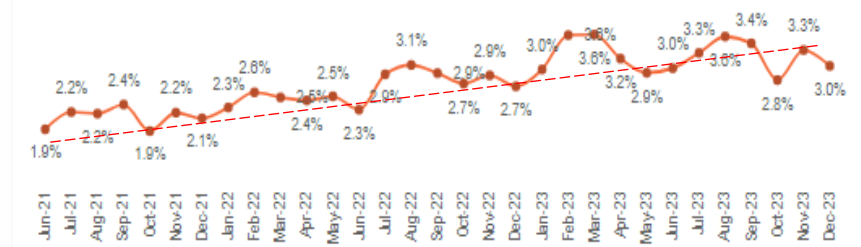
No. of PSC Inspections over time



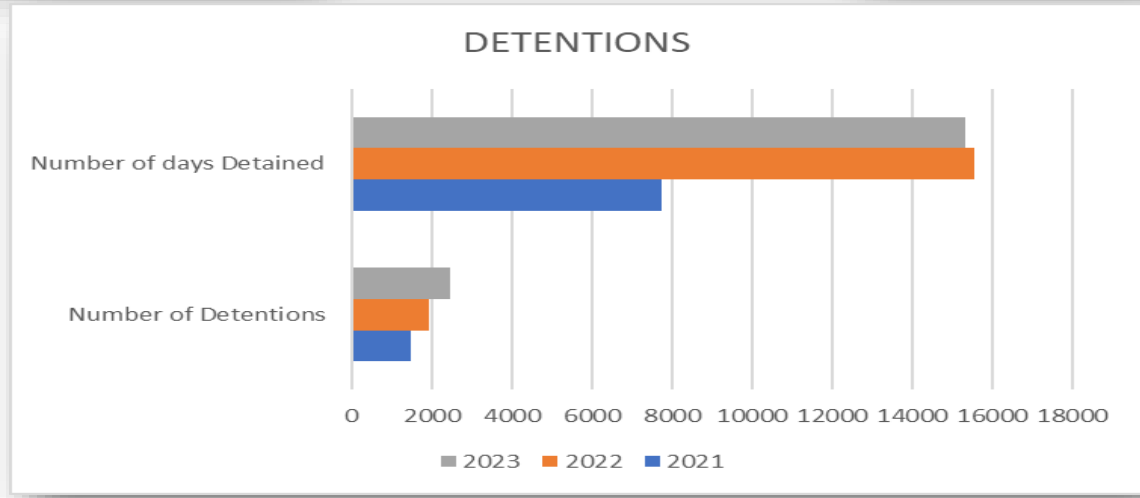
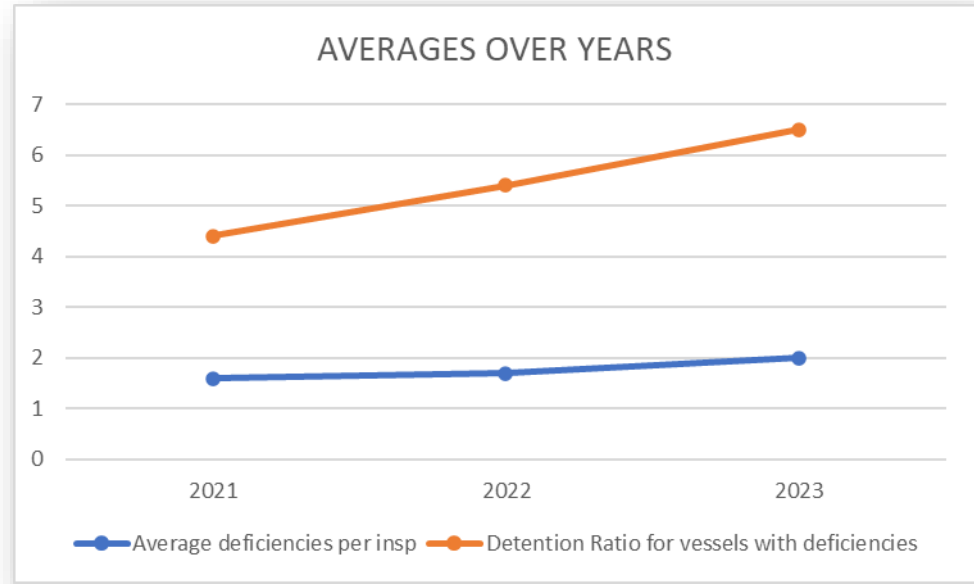
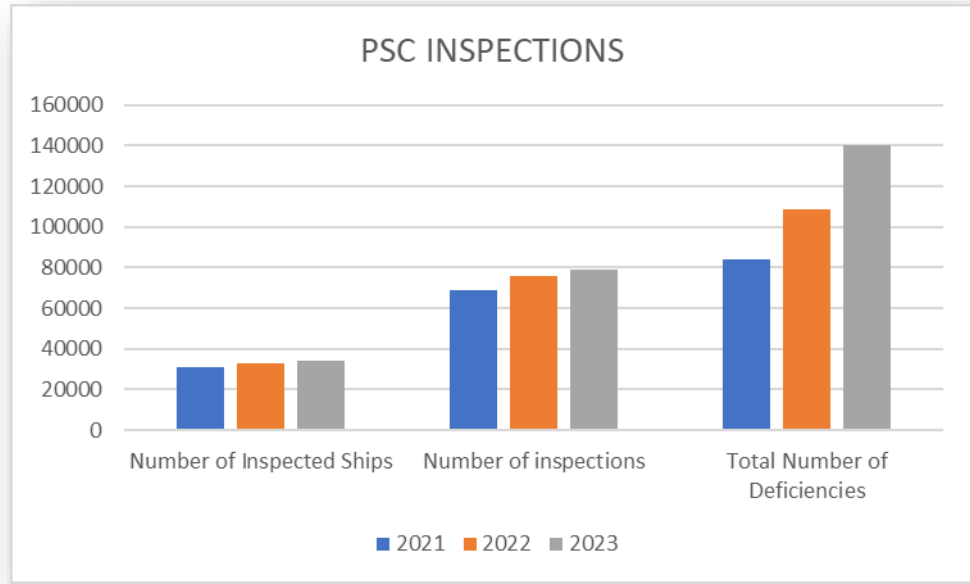
Ave No. of Deficiencies over time



Detention ratio over time



Port State Control Statistics



Do you know your risks ?

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We are often presented with limited data to inform our decisions.

Which vessel you would take extra measures to reduce your risk exposure?

	Vessel Type	Age	DWT	Class	Flag
A-)	Bulk Carrier	7.9	82,009	NKK	Greece
B-)	Container	25.5	24,251	CSS	Panama
C-)	Container	18.1	23,410	RINA	Malta
D-)	Container	2.7	23,803	ABS	Singapore
E-)	Bulk Carrier	15.4	82,354	LR	Hong Kong, China

With enough data, risks start to become clearer

Vessel Type	Age	DWT	Class	Operator	Safety Score	GHG Rating	DOC Score
A-) Bulk Carrier	7.9	82,009	NKK	Greece	SAFETY SCORE 1/5 ⚠️	GHG D Verified	DOC SUBSCORE 3/5
				Detention due to labour conditions in July 2023		Fatality of 2 stevedores due to inadequate Enclosed Space entry practices in September 2023	
B-) Container	25.5	24,251	CSS	Panama	SAFETY SCORE 5/5	GHG B Unverified	DOC SUBSCORE 5/5
C-) Container	18.1	23,410	RINA	Malta	SAFETY SCORE 4/5	GHG D+ Verified	DOC SUBSCORE 5/5
D-) Container	2.7	23,803	ABS	Singapore	SAFETY SCORE 1/5 ⚠️⚠️	GHG C Verified	DOC SUBSCORE 2/5
			Collision with serious damage to port side in November 2021		Collision with serious damage to bow in Feb 2023		DOC has total 9 collision and contact incidents in last 5 years on 29 vessels
E-) Bulk Carrier	15.4	82,354	Lloyds	Hong Kong, China	SAFETY SCORE 5/5	GHG C Verified	DOC SUBSCORE 5/5

Xxxx xx xxx Xxx (IMO xxxxxxxx)

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PRE-ARRIVAL CHECK

Arrival Port: [Redacted] Estimated Arrival: 22 Apr 2024 12:00 Cargo: UNKNOWN DRY

IMO: [Redacted] General Cargo Ship (with Ro-Ro facility) 9,575 DWT 25.5 y/o In Trading Fleet Flag: [Redacted] Class society: [Redacted]

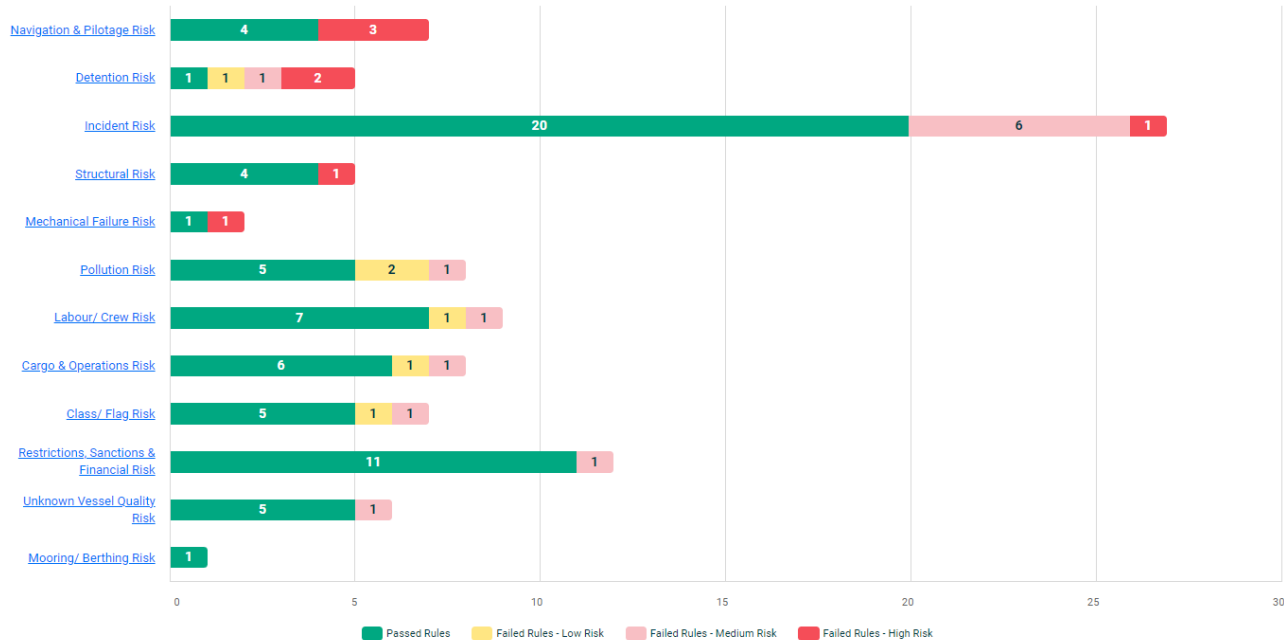
SAFETY SCORE 2/5 GHG Unverified Required Request environmental review

SUMMARY FEEDBACK REPORTS FORMS LISTS DEFINITIONS SCREENING CRITERIA RULES RUN

Date of Analysis: 21 Apr 2024 23:00 Overall Risk Level: HIGH

RECOMMENDED NEXT STEP: REQUEST VET

Risk Analysis Categories



- Departed Port on 3rd April 2024
- Detained 5 times in the last 5 years; 2 Detentions in the last 12 months, each with 16 deficiencies noted
- Deficiencies included multiple safety of navigation, fire prevention and living conditions.
- PSC Inspection in June showed 3 deficiencies related to propulsion and auxiliary engines
- Registered under Xxxxx Flag – targeted by ITF as one of the worst for Seafarer Abandonment
- Vessel Classed with highest detention % amongst all class societies



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Why RightPORT?

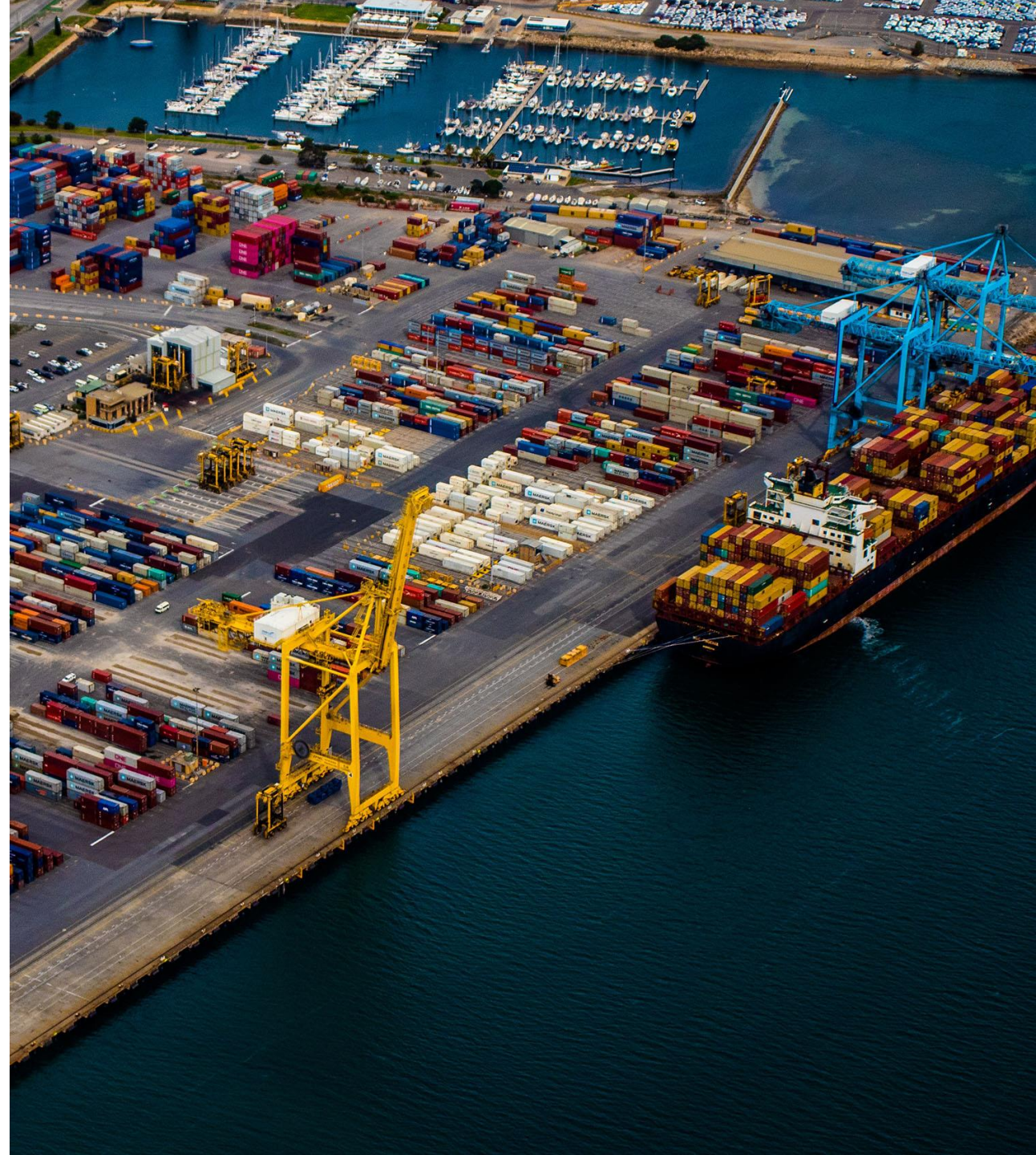
**Only by understanding where we stand today
can we chart a course for a
Zero Harm Maritime industry**

Introducing RightPORT

Empowering Port and Terminal Risk Management

RightPORT, a cutting-edge, **automated Risk Management Solution** tailored specifically for Ports & Terminals, revolutionizes the way you navigate the challenges of **vessel pre arrival preparations**.

Our advanced system seamlessly **screens** every inbound **vessel**, prioritizing the **risks** that matter most to you, ranging from pilot ladder concerns to propulsion risks. With RightPORT, you can rest assured knowing that we have you covered.



How RightPort works for you...

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- ✓ **Automatically** screens inbound vessels for specific risks that matter most to you.
- ✓ Consolidates **risk analysis** into a simple Low, Medium, High Vessel risk outcome so you're informed of what's important
- ✓ Eliminates the need for manual vessel research and **reduces risks** of delays, detentions, and reduced throughput.
- ✓ Empowers **proactive risk management** and enhances **operational efficiency**.
- ✓ Facilitates easy **sharing of information** and experience among ports.
- ✓ Puts you on the front foot, ensuring a **safer** and more **efficient** port experience.



Comprehensive Risk Coverage

RightPORT covers 19 RISK areas, each of which has a number of specific risks that are auto screened to determine risks that matter to you. We provide a baseline of rules you can use, or you can select what matter most to you and your port operations.

Mooring & Berthing Risk

Pilotage Risk

Machinery Risk

Detention Risk

Navigation Risk

Safety Risk

Improper Maintenance Risk

Competency Risk

Financial Risk

Conditions of Class Risk

Environmental Risk

Water Pollution Risk

Noise Pollution Risk

Air Pollution Risk

Crew Risk

Dangerous Goods Risk

Security Risk

Cargo Operations Risk

**Unknown Vessel Quality
Risk**

With RightPORT, you get the full picture of risks entering your port



Risk overview of all pre arriving vessels

Name	Overall Risk Level	Valid Forms	Port	Estimated Arrival	Review Status
BRILLIANT SAKURA IMO 9745938	PENDING	Gladstone Port Terminal Questionnaire + 2 more	Port Hedland Terminal...	24 Jul 2022 06:30	Pending Review
ARDMORE ENDEAVOUR IMO 9446996	LOW RISK	RIO Terminal Questionnaire	Port Cape Preston East Terminal...	24 Jul 2022 06:30	Reviewed
CHEMICAL TRAVELLER IMO 9496135	HIGH RISK	No valid forms	Port Balla Balla Terminal 4, Berth...	24 Jul 2022 06:30	Reviewed
LOWLANDS HORIZON IMO 9876048	NO IDENTIFIED RISK	Epic Midstream Questionnaire + 3 more	Port Anketell Terminal 2, Berth 2	24 Jul 2022 06:30	In Progress
PIRIKA MOSIRI MARU IMO 9470959	MEDIUM RISK	Class Status Report	Port Cape Preston East Terminal 5, Berth 1	24 Jul 2022 06:30	In Progress

Risk details for each vessel

Summary | RISK HISTORY | FBR PERFORMANCE | LISTS (6)

Date of Analysis: 24 Jul 2022 13:45 | Overall Risk Level: **HIGH RISK**

Safety Score: SAFETY SCORE 2/5 | GHG Rating: A+ Verified | RightShip Inspection: Valid until 28 May 2023 | Valid Forms: Total valid forms 2

Feedback Reports: Total FBR 152, Positive FBR 25 (16.4%)

Risk Analysis Categories

Category	Low Risk	Medium Risk	High Risk
Feedback Reports	11	4	8
Port State Control	5	1	6
Incidents	0	0	5
Sanctions & Compliance	2	2	4
Structural Condition	3	2	2
Crew Welfare	0	4	1
Inspection & Crew Matrix	0	0	6
Banned & Restricted	0	2	2
Vessel Risk Factors	0	10	0
Flag, Class & Insurance	0	3	0
Operations & Procedures	0	0	0
Environment	0	0	0
Others	0	0	0

Review Status

- Reviewed (3 attachments)
- In Progress
- In Progress

Forms | REQUEST FORMS

- Terminal Questionnaire (Form ID: 9857312) - Pending RightShip Review
- Epic Midstream Questionnaire (Form ID: 9726411) - Pending Form Input
- Pilot Questionnaire (Form ID: 9807371) - Acceptable
- Helicopter Questionnaire (Form ID: 9817083) - Acceptable
- Sample Questionnaire (Form ID: 9807689) - Acceptable

With RightPORT, you get the full picture of risks entering your port



Historical Risk Analysis

SUMMARY **RISK HISTORY** FBR PERFORMANCE LISTS (6)

Past Vessel Risk Analysis

Date	No analysis/pending	No Identified Risk	Low Risk	Medium Risk	High Risk
18 Jul	1	0	0	0	0
19 Jul	1	0	0	0	0
20 Jul	0	0	0	2	0
21 Jul	0	0	0	1	0
22 Jul	0	0	0	1	0
23 Jul	0	0	0	0	0
24 Jul	0	0	0	0	8

Filters: High Risk (8) Medium Risk (4) Low Risk (11) No Identified Risk (0) Only Changed Outcomes (6) Risk Category Clear all

Search in rules Expand all 1 - 10 of 400 VET Show: 10

Feedback Reports

Report	23 Jul	24 Jul
Dow Jones List of Sanctions Is the vessel clear of the Dow Jones list of sanctions?	No Identified Risk	High Risk

Port State Control

Report	23 Jul	24 Jul
Lorem ipsum Dolor Sit Amet Consectetur Is the vessel fusce pulvinar nisi ac orci dictum ultricies?	Low Risk	High Risk
Donec Vitae Sapient Cursum Facilisis Lacus Is the vessel integer quis mi consectetur, laoreet odio vitae, iaculis libero? Click to view additional details	No Identified Risk	High Risk
Cras Pharetra Scelerisque Mollis Is the vessel phasellus tempus malesuada urna ac sodales, mauris tincidunt lacus lorem?	High Risk	Low Risk
Morbi Tempus Nibh Justo Does the vessel elementum tortor iaculis id, nam aliquam ante tincidunt?	Medium Risk	High Risk

Incidents

Report	23 Jul	24 Jul
Lorem ipsum Dolor Sit Amet Consectetur Is the vessel fusce pulvinar nisi ac orci dictum ultricies?	High Risk	Medium Risk

Benchmarking Vs Similar Vessels

Benchmarking

This is the distribution of Safety Scores for similar vessels to the ZHONG GU DONG GUAN. Benchmarking for this vessel is filtered by similar Type only.

Safety Score	Number of Vessels
1/5	2
2/5	4
3/5	43
4/5	85
5/5	141

This vessel is here (at 4/5) Average Peer Group Safety Score is here (at 4.5)

Deep Dive History of Vessels

Timeline

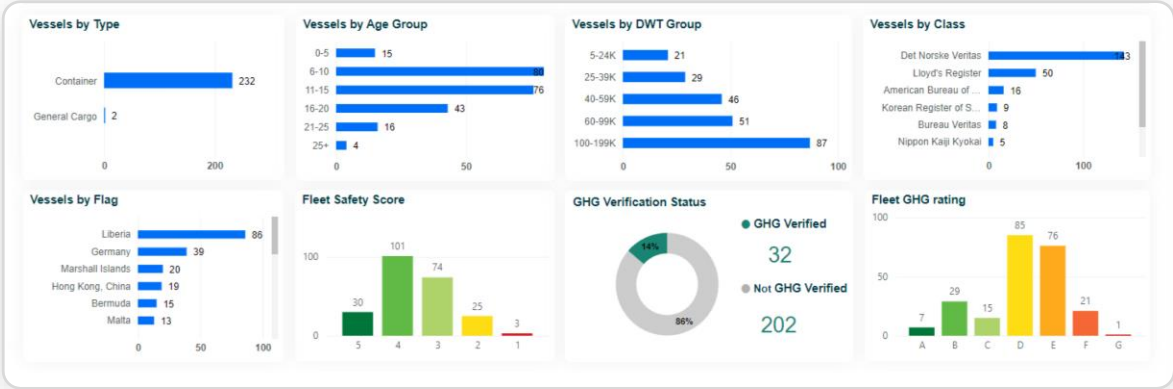
From 2018 To Current

- RS Inspection
- CFR
- Screening
- Vetting
- Environmental Review
- Incident
- Port State Control
- Feedback Report
- Review
- Safety Score
- GHG Rating

With RightPORT, you get the full picture of risks entering your port



Management Company Analysis & Fleet Performance



Automate Information Requests

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Your Challenge

- ❗ Manual requests for information - introducing risk of human error and delay
- ❗ Manual data sharing across Port stakeholders
- ❗ No central records and port wide reporting
- ❗ Zero visibility on status of information requests
- ❗ Manual review of information received

Our Solution

- ✅ Auto request information without human intervention
- ✅ Data is auto shared amongst Port stakeholders once received
- ✅ Full history of information required and deep dive reporting available
- ✅ Track the status of your information requests to reduce change of delay
- ✅ Auto review information received and improve accuracy and productivity

By Terminal Questionnaires and Forms

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Filter by Form My Forms (0) Pending Form Input (1) Pending Terminal Review (3) Pending RightShip Review (0) Acceptable (19) Cancelled (1)

Unacceptable (1) Acceptable Day Only (0) Completed (0) RightShip Member [Clear all](#)

Chemical Traveller x [REQUEST FORMS](#) 1 - 10 of 25 Form Requests Show: 10

Name	Form	Submitted Date	Valid Until	Status
CHEMICAL TRAVELLER IMO 9496135	Epic Midstream Questionnaire Form ID 354345	22 Jul 2022, 11:56	25 Dec 2022, 12:00	Pending Form Input 2 days ago
CHEMICAL TRAVELLER IMO 9496135	Terminal Questionnaire Form ID 789454	22 Jul 2022, 11:56	25 Dec 2022, 12:00	Unacceptable 2 days ago
CHEMICAL TRAVELLER IMO 9496135	Pilot Questionnaire Form ID 434234	22 Jul 2022, 11:56	25 Dec 2022, 12:00	Cancelled 2 days ago
CHEMICAL TRAVELLER IMO 9496135	Helicopter Questionnaire Form ID 354345	10 May 2022, 21:30	--	Acceptable 2 months ago
CHEMICAL TRAVELLER IMO 9804851	Terminal Questionnaire Form ID 789454	10 May 2022, 21:30	30 Jun 2022, 12:00	Pending Terminal Review 2 months ago
CHEMICAL TRAVELLER IMO 9496135	Pilot Questionnaire Form ID 434234	10 May 2022, 21:30	30 Jun 2022, 12:00	Pending Terminal Review 2 months ago
CHEMICAL TRAVELLER IMO 9804851	Sample Questionnaire Form ID 354345	28 Feb 2022, 06:15	--	Acceptable 5 months ago
CHEMICAL TRAVELLER IMO 9496135	Terminal Questionnaire Form ID 789454	28 Feb 2022, 06:15	01 May 2022, 12:00	Acceptable 5 months ago
CHEMICAL TRAVELLER IMO 9496135	Pilot Questionnaire Form ID 434234	28 Feb 2022, 06:15	--	Pending Terminal Review 5 months ago



An efficient way to auto request, store and access to forms like berth fit questionnaires.



Ports and Terminals can utilize custom-made questionnaires to check vessel's suitability on dimensions, technical and operational parameters.



Forget long email chains, pdf's and excels and leverage automated information gathering & ability to analyze trends and data at ease.

Feed Back Reporting (FBR)

How can ports and terminals enhance safety globally by digital tools ?

Information sharing is key to successful risk management



The pilot ladder was not compliant – we must remember that next time.

A



I wish I knew about the pilot ladder issues so I could have prepared our pilots. The vessel also had mechanical issues - sigh!

B

TODAY



In hindsight, I would have sent 2 tugs and ensured a daylight arrival – but how was I supposed to know?

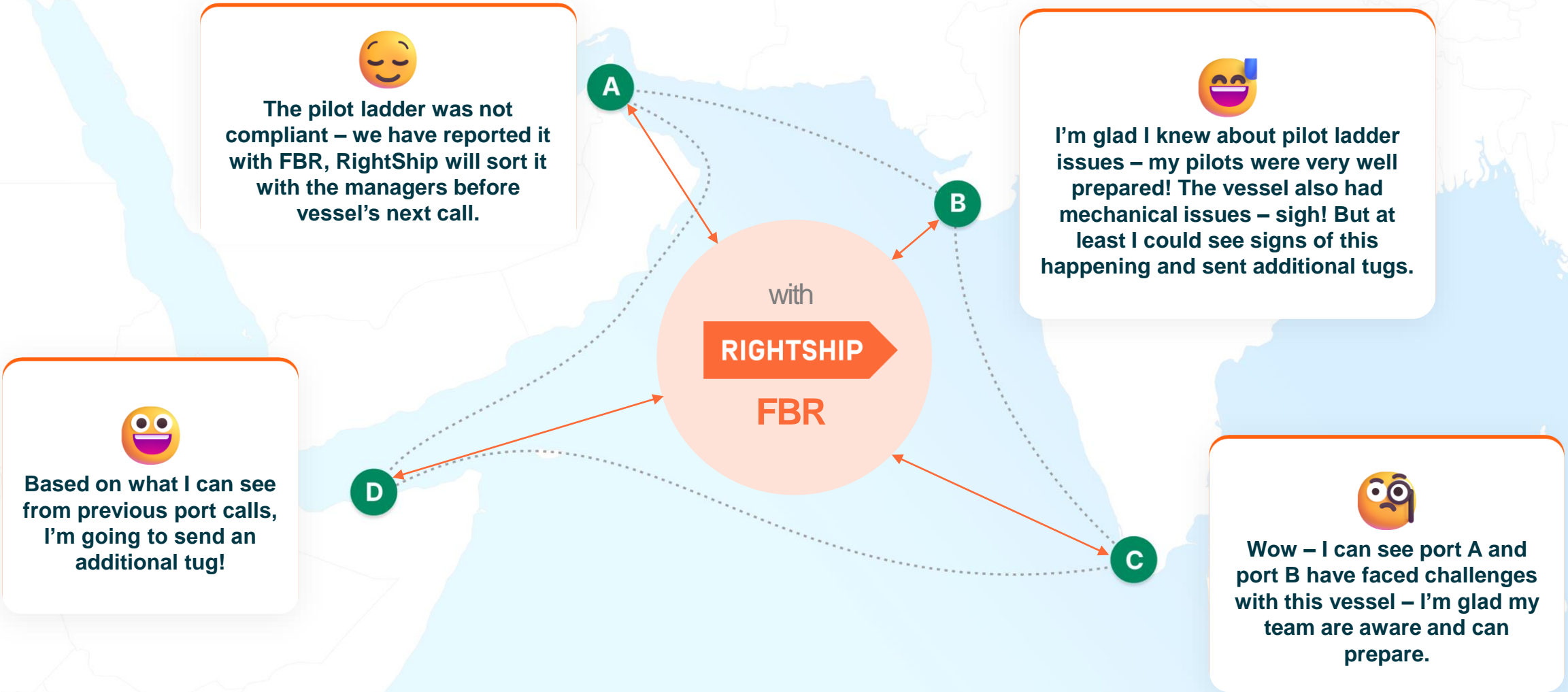
D



I'm not sure about this incoming vessel – I wish I knew what port B experienced.

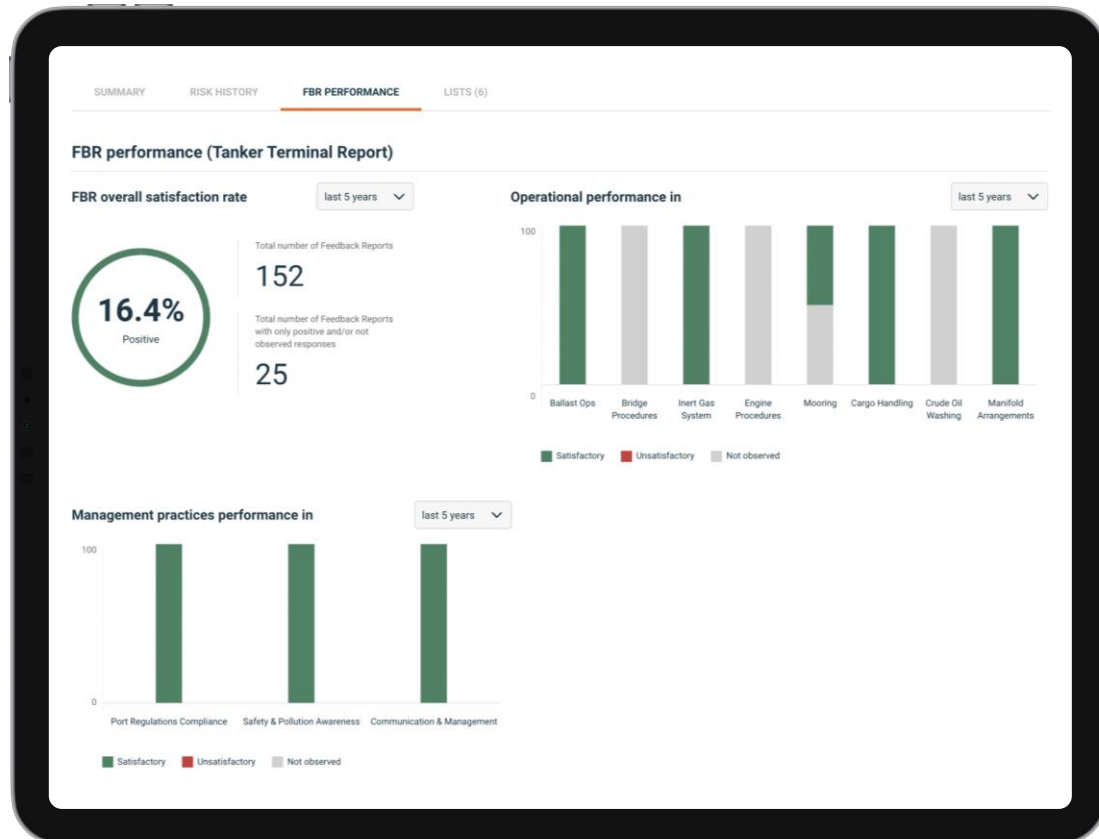
C

Information sharing is key to successful risk management



By Feedback Reporting

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Feedback Reports are an established reporting mechanism within the Port Risk module and is completed and submitted by ports for vessels calling at their port/ facility



Allows ports to report, track, record and see at an easy glance a history of the operation performance of a vessel across key operational areas (e.g., mooring)



Categories can be tailored to individual customers and augmented with notes for subsequent users either internally or externally to create a data sharing eco system.

To summarize...

The Problem

- ✘ Incident and PSC detention statistics clearly indicate that Ports and Terminals are facing **increased risks** due to vessels calling
- ✘ There aren't adequate **mechanisms** and **risk evaluation** models within the port and terminal space for ports and terminals to have the **visibility**, foresight of the operational risks of vessels due to call at their port or terminal.
- ✘ There isn't a common and useful platform to record and **share information** on operational events, unfavourable conditions, or items that require greater awareness for other stakeholders

The Solution

- ✔ **Proactive** risk management, reducing incidents and detentions.
- ✔ Gain **visibility** and foresight for smooth operations.
- ✔ **Centralized** information sharing for effective collaboration.
- ✔ Efficient **communication**, timely actions to address risks.
- ✔ Learn from industry peers, foster **continuous improvement**.
- ✔ **Data-driven** decisions, optimized risk management.
- ✔ Strong regulatory compliance, **enhanced safety** and security.
- ✔ **Build reputation**, attract business opportunities.

With our solution, ports and terminals can proactively manage risks, promote collaboration, and create a safer and more efficient environment, ensuring long-term success

Summary

RIGHTSHIP



Proactive Risk Management: Our solution enables ports and terminals to proactively identify and mitigate operational risks associated with vessel calls, reducing incidents and detentions.



Enhanced Visibility and Foresight: Gain comprehensive visibility and foresight into vessel-related risks, empowering effective preventive measures and ensuring smooth operations.



Centralized Information Sharing: Our platform provides a common space for recording and sharing operational events, unfavorable conditions, and important insights, fostering collaboration among stakeholders.



Improved Communication: Facilitate transparent and efficient communication among port stakeholders, enabling timely actions to address risks and maintain operational efficiency.



Knowledge Exchange and Learning: Learn from industry peers' experiences, fostering continuous improvement and best practices across ports and terminals.



Data-Driven Decision Making: Leverage data analytics and reporting capabilities for informed decision making, identifying trends, implementing preventive measures, and optimizing risk management strategies.



Enhanced Reputation: Build a strong reputation and trust among stakeholders by effectively managing risks, attracting more business opportunities and sustainable growth.

Thank you



RIGHTSHIP

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