The Global Language of Business

GS1 Standards Event – A digital experience

GS1 in maritime based supply chains

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International Taskforce Port Call Optimization

22nd June 2020

Anti-trust caution

- GS1 operates under the GS1 anti-trust caution. Strict compliance with anti-trust laws is and always has been the policy of GS1.
- The best way to avoid problems is to remember that the purpose of the group is to enhance the ability of all industry members to compete more efficiently.
- This means:
  - **There shall be no discussion of prices, allocation of customers, or products, boycotts, refusals to deal, or market share.**
  - If any participant believes the group is drifting toward impermissible discussion, the topic shall be tabled until the opinion of counsel can be obtained.
- The full anti-trust caution is available via the link below, if you would like to read it in its entirety: http://www.gs1.org/gs1-anti-trust-caution.

Maritime mode crucial for all sectors

May 2019

https://bit.ly/2xhndFa

IMO Vessel Number
Closing the gap in Global Traceability

- ✓ Goods are loaded into Container by Shipper.
  Link GTIN to Container ID (BIC); link Container ID to GSI
- ✓ Container transported to origin port terminal and
  Container BIC and port terminal GLN used i
- ✓ Terminal loads Container onto vessel
  number in EPCIS event/s - Cur
- ✓ Vessel transports conta
  events for vess
- ✓ Containers
  Curr
- ✓
- ✓
- ✓

IO vessel

t feasible to send EPCIS

ival at destination port

its for **offloading from vessel**

t terminal

or port terminal

to Receiver

ms delivery of the Container

We are now ready to support Global Traceability

ALSO NOTE:

- The current applications and solutions based on IMO Vessel Number (e.g. real-time vessel tracking) can now connect to EPCIS infrastructures to easily exchange vessel tracking information with any and all stakeholders requiring or desiring that information.
- Synchronisation of operations across modes (through the ports) becomes much easier to achieve via such an infrastructure
  As also highlighted in the **Port Information Manual.**

"Because ports act as a node in the supply chain, and their customers need more and more end to end visibility, connectivity to supply chain standards is important."

Maritime & Ports Achievements & Opportunities

- **"Mariners' Handbook"** of UKHO
- **"Port Information Manual"**
- **"Just-In-Time Arrival Guide"** of IMO GIA.
- M&P community is driving awareness and adoption of these publications very hard
- "Port Information Manual" is on the agenda of many seminars and congresses in the coming months.

International Taskforce Port Call Optimization

Introduction ITPCO

International Taskforce

Port Call Optimization

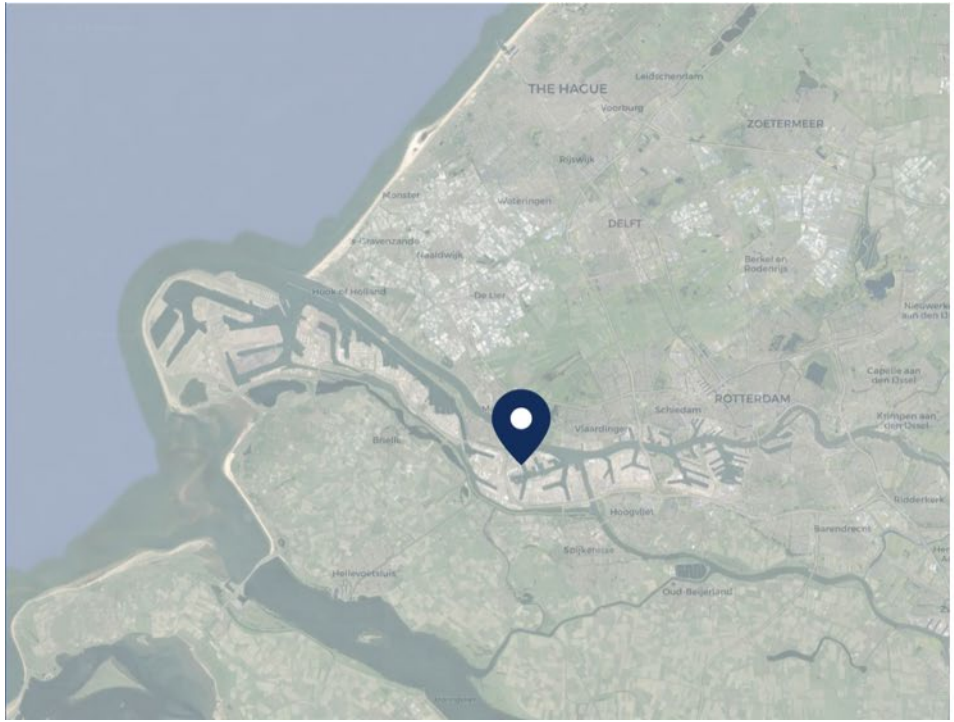
https://portcalloptimization.org/

Members ITPCO

Agenda ITPCO

1) Agree on business process of port calls
2) Agree on minimum scope of data
3) Agree on minimum requirements for standards
4) Agree on data definitions of master data
5) Agree on data definitions of event data
6) Agree on data model of master data
7) Agree on data model of event data
8) Develop incentives for data owners
9) Develop guidance for data owners

Identification of port



Port of Rotterdam

★★★★★ - Verified & Audited

Global reference

Un/locode:	NLRTM

Position

Latitude:	51.943305
Longitude:	4.141812

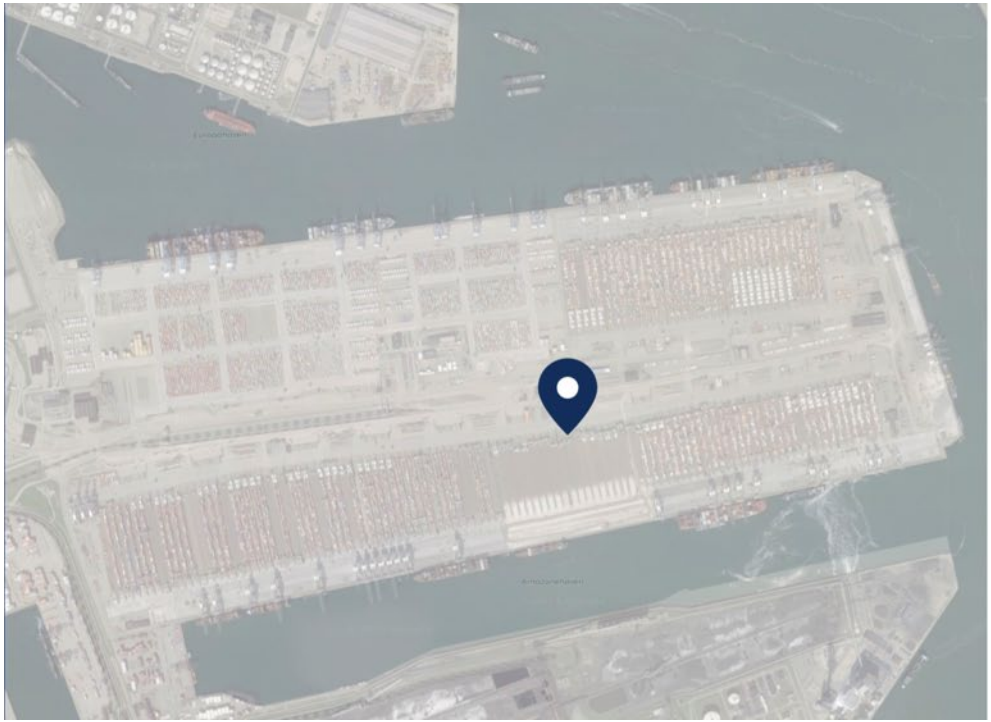
Attributes

Name:	Port of Rotterdam

Hierarchy

Port of Rotterdam NLRTM
Port

Identification of terminal



ECT Delta Terminal

★★★★★ - Verified & Audited

Global reference

Assigned id:	2012365678358

Position

Latitude:	51.95316
Longitude:	4.05662

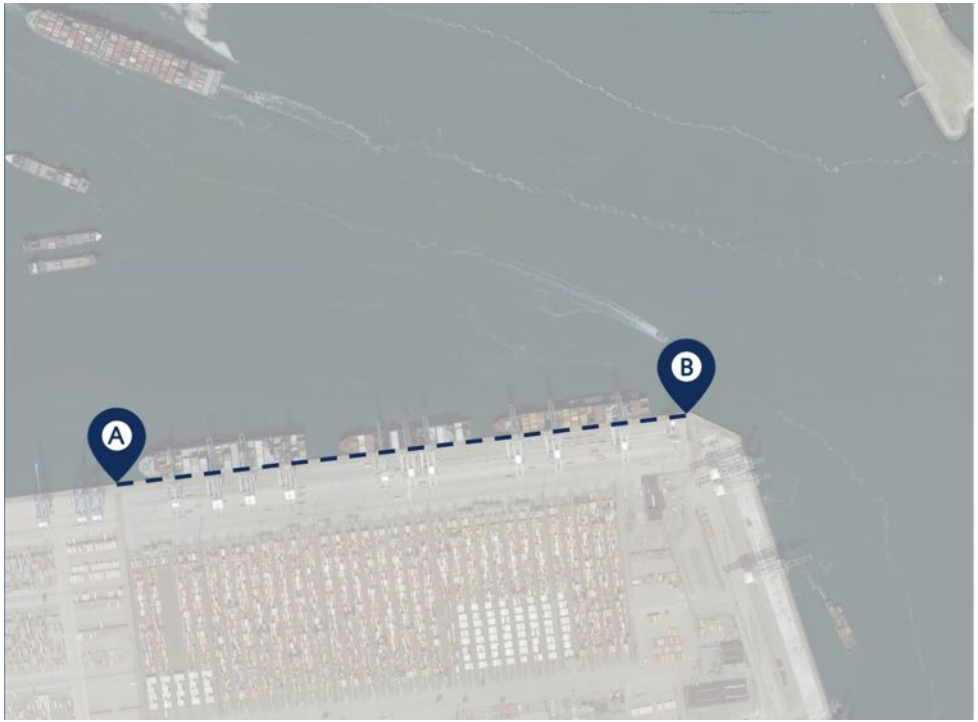
Attributes

Name:	ECT Delta Terminal
ISPS numbers:	NLRTM-0071
SMDG codes:	DBF, DCD, DDE, DDN

Hierarchy

Port of Rotterdam Port	NLRTM
ECT Delta Terminal Terminal • DDE • DDN	2012365678358

Identification of berth



DDN

★★★★★ - Verified & Audited

Global reference

Assigned id:	2012365678402

Position

Latitude A:	51.9588614451743
Longitude A:	4.05714992805326
Latitude B:	51.9600213217202
Longitude B:	4.07194304984647
Exact fender line coordinates	✓

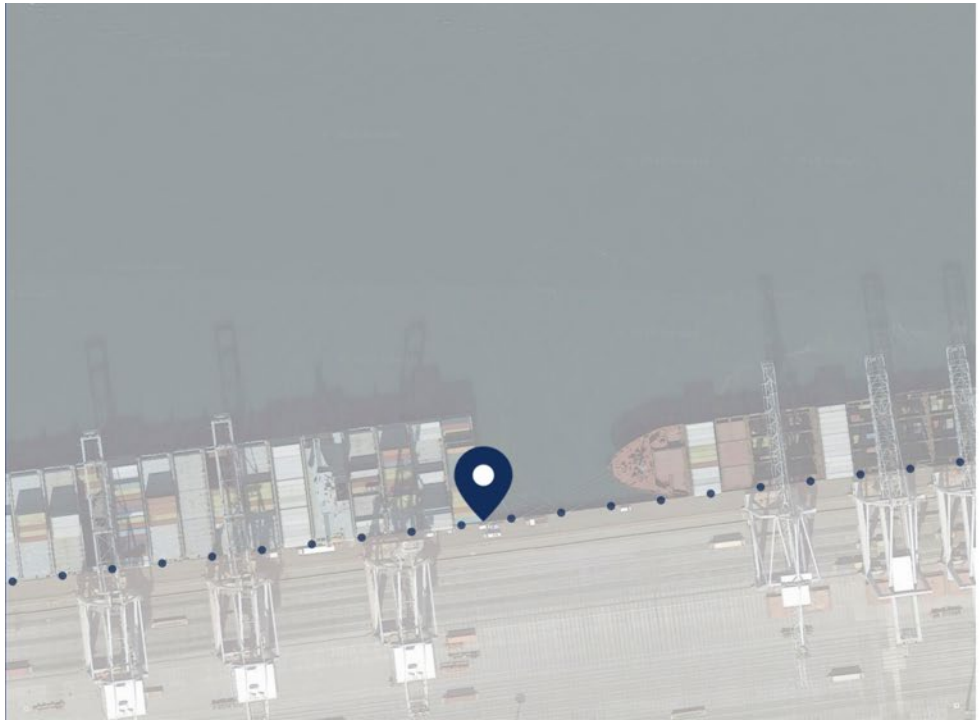
Attributes

Name:	DDN
Local reference:	Z100/11/428

Hierarchy

Port of Rotterdam Port	NLRTM
ECT Delta Terminal Terminal	2012365678358
DDN Berth	**2012365678402**

Identification of berth position



195

★★★★★ - Verified & Audited

Global reference
Assigned id: 2012365678402-195

Position
Latitude: 51.959281777777775
Longitude: 4.062589133333334

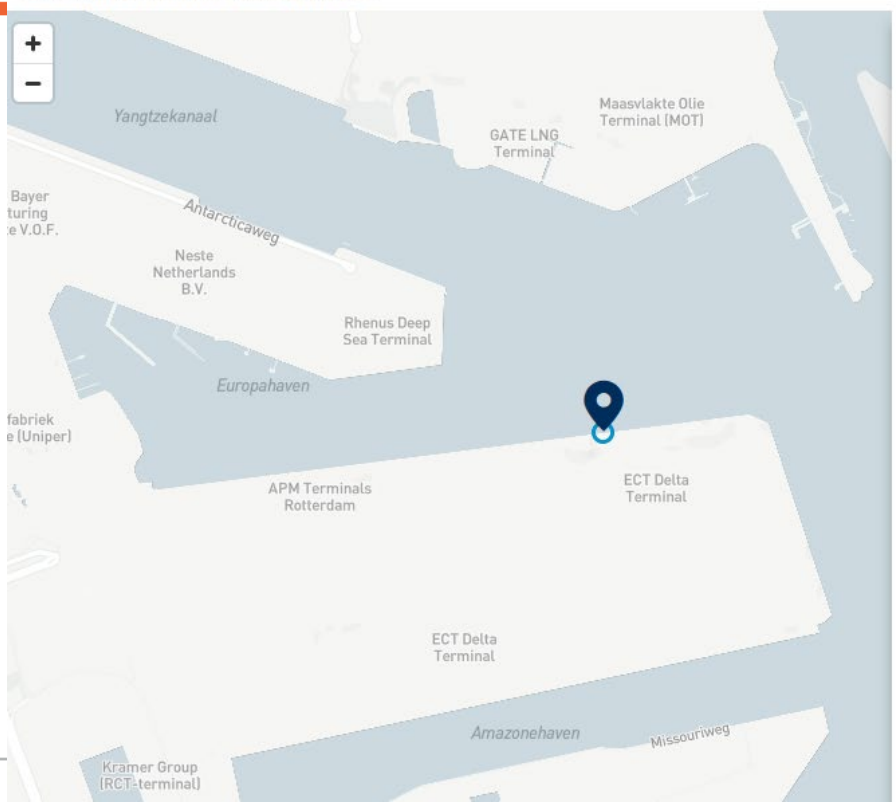
Attributes
Name: 195

Hierarchy

Port of Rotterdam Port	NLRTM
ECT Delta Terminal Terminal	2012365678358
DDN Berth	2012365678402
195 Berth position	2012365678402-195

Global Port Master Data Platform browser

Global port master data platform



‹ Back to input

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★★★★★ - Verified & Audited

Global reference

Assigned id:	2012365678402-195

Position

Latitude:	51.959281777777775
Longitude:	4.062589133333334

Attributes

Name:	195

Hierarchy

Port of Rotterdam Port	NLRTM
ECT Delta Terminal Terminal	2012365678358
DDN Berth	2012365678402
195 Berth position	2012365678402-195

Application in global event data tooling

Just In Time Arrival Guide –
Barriers and Potential Solutions

GLOBAL INDUSTRY ALLIANCE
TO SUPPORT LOW CARBON SHIPPING

THANK YOU

- Any Questions?

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