

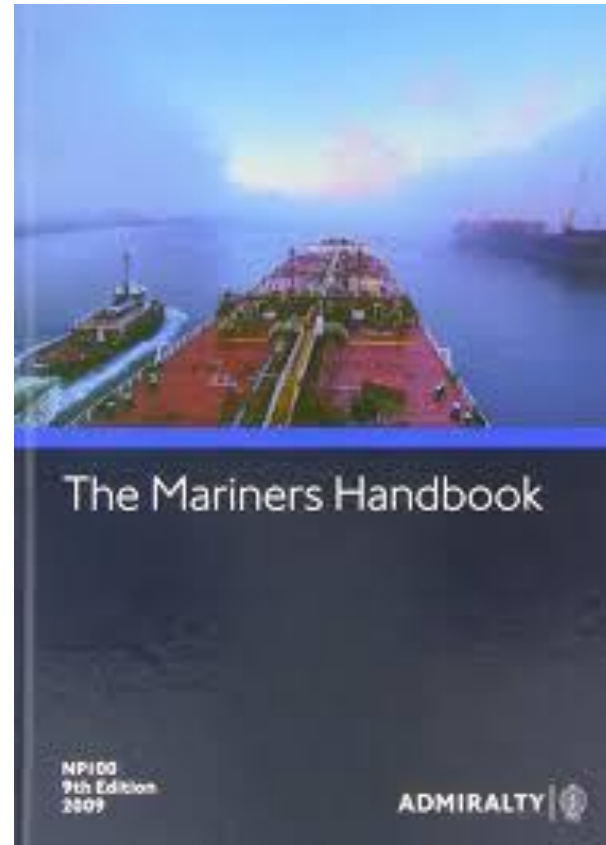
**Master data:
Use the same language
and formats**

- Depths
- Admission policies



Avanti standards and format

- IHO
- Mariners Hand book
- GS1 GLN
- XML



Avanti deliverable

- Per IMO and GLN number
- Pilot station to berth
- Alerts if data has been changed

The screenshot displays the Avanti web application interface for the 'Navigation Section Rotterdam - Amazonehaven'. The browser address bar shows the URL: <https://avanti.enr.nl/ports/sections/view.aspx?port=PC03161008§ion=Amazonehaven&type=Basin>. The page title is 'Navigation Section Rotterdam - Amazonehaven'. The interface includes a search bar and navigation tabs: 'General Information' and 'Navigation Sections'. The 'Navigation Sections' tab is active, showing a table of basin details.

Basin	Details	Approval
L ≥ 150 meter	Passage width < 125 meter. All vessels should be discussed with Harbour Master.	All
L < 150 meter	Passage width ≥ 125, < 150 meter: no restrictions all directions. Passage width ≥ 150 meter: no restrictions all directions.	All
L ≥ 150, < 245 meter	Passage width ≥ 125, < 150 meter: max 17 m/s WNW - NE, ESE - SW. Passage width ≥ 150 meter: 20 m/s all directions.	All
L ≥ 355, < 370 meter	11 m/s all directions ECT side: from bollard 50 to East max beam alongside 80 meter, from bollard 50 to West max beam alongside 60 meter. EMO side: first 500 meter from the East: max beam 25 meter. Cranes should be in vertical position. Number of tugs decided by pilot. (Only first call) Destination 45.5 -	All

Below the table is a 'Map Layers' section with 'Navigation Sections', 'Charts - Rotterdam', and 'World' layers. The 'Port Display' section shows a map of the Amazonehaven basin with various navigational markers and labels like 'ECT', 'EMO', and 'P.G.'. The map is overlaid with a blue shaded area representing the basin's boundaries and depth restrictions.

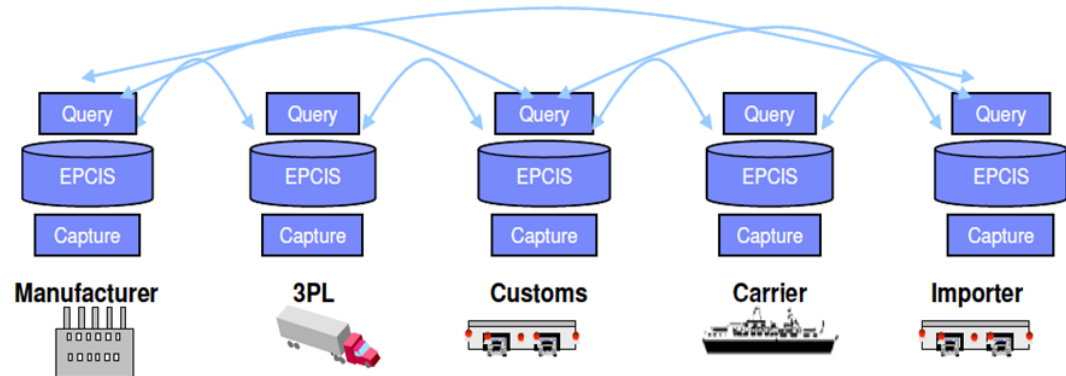
**Event data:
Use the same language
and formats**

- Arrival time pilot station
- Completion time cargo operations



Pronto standards and format

- In line with charter parties and logbooks
- Bimco review
- In line with supply chain standards of GS1



EPCIS = Electronic Product Code Information Service

Pronto deliverable

- Per IMO and GLN number
- One time line for all services
- Alerts if data has changed

Springbob

Berths Services

Container
Draft
Loa
Beam
Airdraught
Contact info
Position
Photo

Ship info versus Nautical or Terminal Restrictions

Berth 1 - Europahaven - Maersk terminal				Alarm	Avanti	
Steaming	Manoeuvring	Mooring	Cargo operations First / Last move	Unmooring	Manoeuvring	Steaming
			Bunkers Barge 1	Floating Crane		

Berth 2 - Eemhaven - ECT terminal				Alarm	Avanti	
Steaming	Manoeuvring	Mooring	Cargo operations First / Last move	Unmooring	Manoeuvring	Steaming

Time line

Avanti

Q4 2015 Proto type 4 testing

Q1 2016 Proto type 5 live

Pronto

Q4 2015 Proto type 2 testing



Port Call Optimization Taskforce members

Shell and Vopak agents

Maersk and agency

MSC and agency

CMA-CGM and agency

X-Press Feeder lines and agency

Port of Rotterdam

Port of Gothenburg

Port of Singapore

Port of Houston

UKHO

GS1

Bimco

IHMA

IHO

