

# International Taskforce



## Port Call Optimization<sup>©</sup>

### A RELIABLE PORT STARTS WITH RELIABLE INFORMATION

Shipping and ports are working together in an international taskforce promoting “Port Call Optimization” through improving quality and availability of master and event data which will deliver benefits to shipping lines, shippers, terminals and ports.

**More Safety, Cleaner Environment and Lower Costs for Shipping Lines, Shippers, Terminals and Ports.**

#### How?

*Firstly*, by improving the quality and availability of master data: e.g. depths, admission policies. This will ensure vessel – berth compatibility and a clear understanding when it’s safe to arrive or leave. This is the **Avanti project**.

*Secondly*, by improving the quality and availability of event data: e.g. planned time of arrival berth, estimated time of completion cargo operations. This will enable just in time planning of pilot on board, pre-planning of all port services and planning to the next port. This is the **Pronto project**.

- Both projects only bring existing standards together and do not develop commercial solutions
- Both projects use existing and robust nautical and supply chain standards and formats suitable for shipping’s worldwide requirements.
- Both projects are backed by internationally recognized organizations with a strong track record to ensure long term sustainable development and maintenance of the standards involved. This cooperative scheme will deliver a future proof step forward in port call optimization and high quality port services.

#### What is unique about the project?

Shipping, their agents and ports are sitting down together to discuss port call optimization, and to work on a solution that can work for every trade, for every port, from port to port and end to end. Shipping is accustomed to adapting itself to the individual port. And when developing projects, shipping normally does this per trade (e.g. only for line or tramp shipping). Ports tend to develop projects for one port only, as they might be in competition with other ports.

#### Development plan

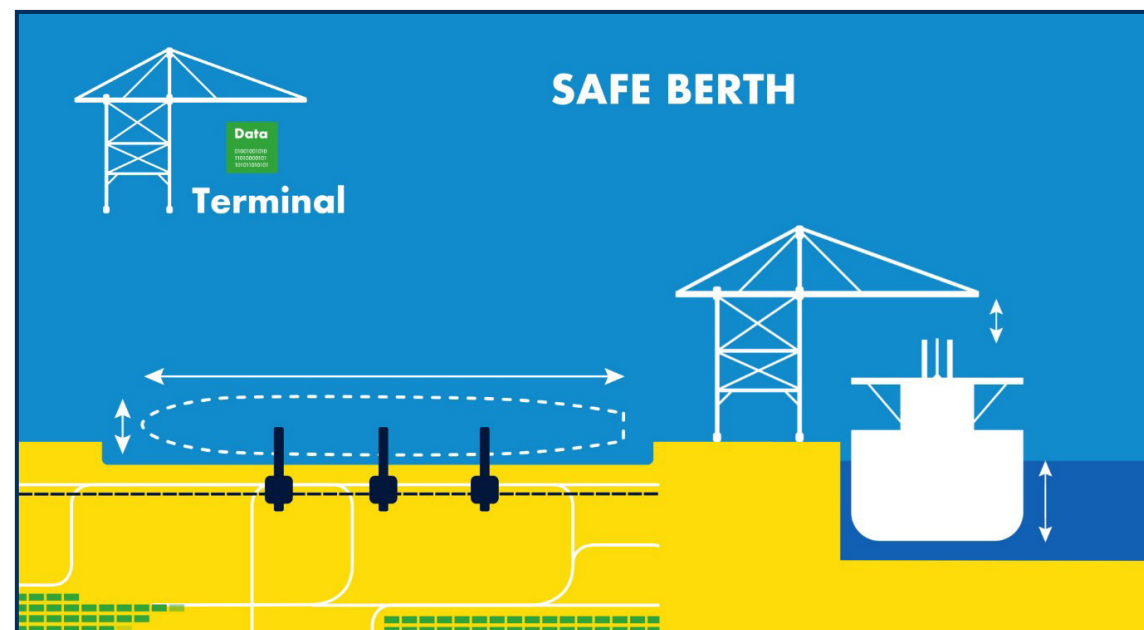
01. Agree on business process of port calls
02. Agree on minimum scope of data
03. Agree on minimum requirements for standards
04. Agree on data definitions of master data
05. Agree on data definitions of event data
06. Agree on data model of master data
07. Agree on data model of event data
08. Develop incentives for data owners
09. Develop guidance for data owners

# Avanti project<sup>©</sup>

ACCESS TO VALIDATED NAUTICAL INFORMATION

## What is it?

Avanti brings existing standards together and does not develop commercial solutions. Avanti helps Harbour Masters to manage their nautical port information so that this information is **always up-to-date and accessible** to all port users. The data scope is controlling sizes and conditions from pilot boarding place to berth for the port community, the port's trading partners and hydrographic offices. This improves the safety and efficiency of shipping as a whole. It reduces significantly the workload due to data management and answering questionnaires regarding port data. By basing Avanti on nautical standards the information can be used in conjunction with nautical charts and publications. Avanti is an initiative of the marine industry, the International Harbour Masters' Association and the United Kingdom Hydrographic Office.

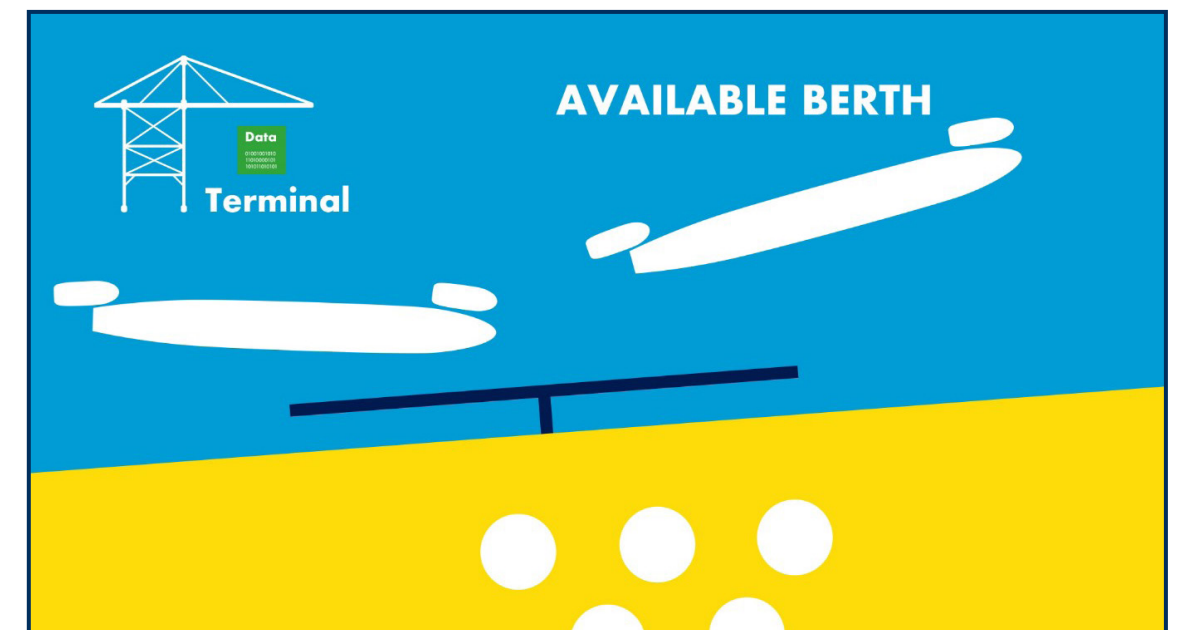


# Pronto project<sup>©</sup>

PORT'S RENDEZ-VOUS OF NAUTICAL AND TERMINAL OPERATIONS

## What is it?

Pronto brings existing standards together and does not develop commercial solutions. Pronto allows all service providers (e.g. ports, terminals, bunker barges, pilots) to share their planning, starting and completion times. This creates a time table per vessel per berth that is **always up-to-date and accessible** to all port users. It reduces significantly the many person to person calls thus increasing efficiency and visibility. By basing Pronto on standards of IMO FAL and the supply chain this information can be used in conjunction with administrative and supply chain data. Pronto is an initiative that originates from the Avanti project.



## Who is involved?

Shipping and their agents identify the exact areas in shipping business processes that will be optimized when different types of information are provided and shared. Ports and their service providers (e.g. terminals, bunkers, pilots) identify how to achieve high quality data. International associations are invited to endorse the nautical and supply chain standards.

## FAQ?

Shipping is 5000 years old, why have existing standards never been introduced before? Roughly 80% of goods is transported by sea, why has shipping never connected to existing supply chain standards?

### International Taskforce Port Call Optimization

#### Industry partners; shipping and agents



CMA CGM  
Line and Agency



Inchcape  
Shipping Services



Maersk



MSC Mediterranean Shipping  
Company S.A and Agency



Oldendorff Carriers



Shell



Vopak Agents

#### Industry partners; ports



Port of Algeciras



Ports of Auckland



Port of Busan



Port of Gothenburg



Port of Houston



Port of  
Ningbo Zhoushan



Port of Rotterdam



Port of Singapore



Port of Tanger Med



Hamburg Vessel  
Coordination Center

#### Standard partners



GS1



UK Hydrographic  
Office

UK Hydrographic  
Office

#### Endorsers



BIMCO



Chainport



Green Award  
Foundation



IALA



International Association  
of Ports and Harbours



International  
Chamber of Shipping

International  
Chamber of Shipping



International Federation  
of Ship's Masters' Associations



International Harbour  
Masters Association



International Hydrographic  
Organization



Intercargo



Lloyds Marine  
Intelligence Unit



MarineTraffic



Sea Traffic  
Management



The Nautical  
Institute



Navelink



UK P&I Club is managed  
by Thomas Miller

## Would you like further information?

**Chairman:** Ben van Scherpenzeel – [Scherpenzeel.ehmc@harbourmaster.org](mailto:Scherpenzeel.ehmc@harbourmaster.org)

**Secretary:** Ingrid Römers – [Romers.ehmc@harbourmaster.org](mailto:Romers.ehmc@harbourmaster.org)

[www.portcalloptimization.org](http://www.portcalloptimization.org)