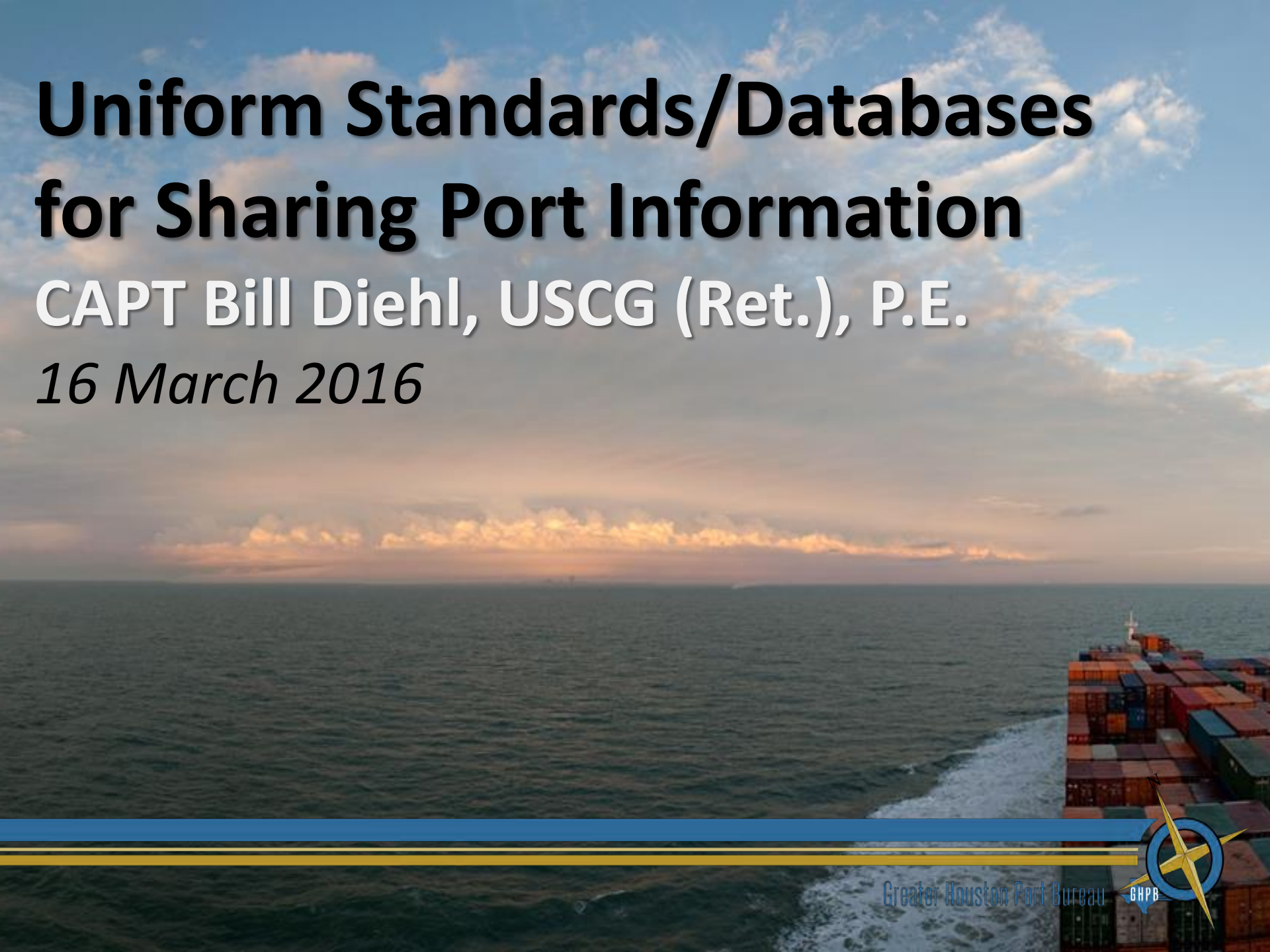
Uniform Standards/Databases for Sharing Port Information

CAPT Bill Diehl, USCG (Ret.), P.E.

16 March 2016

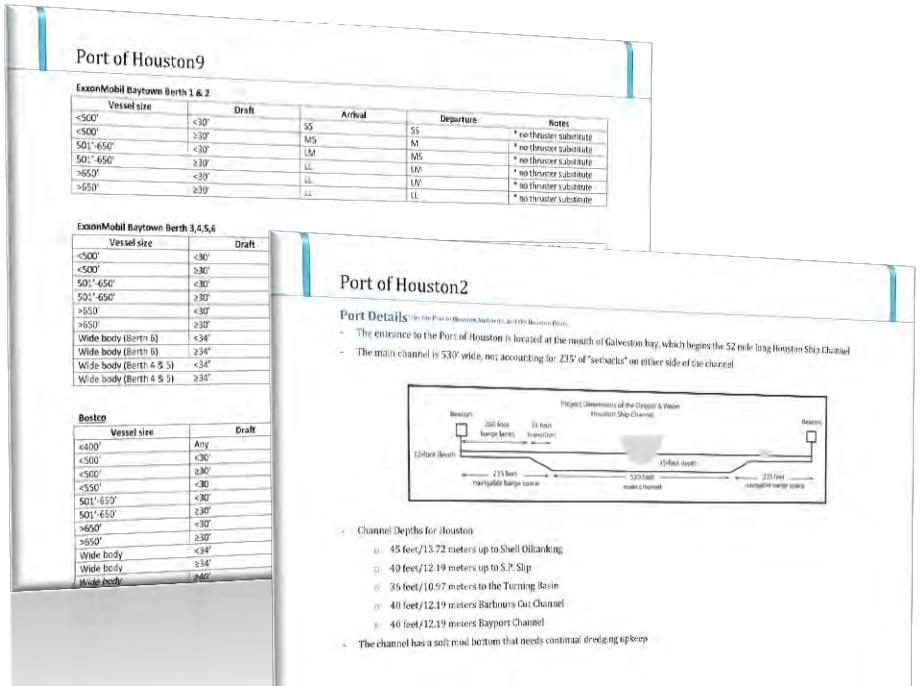


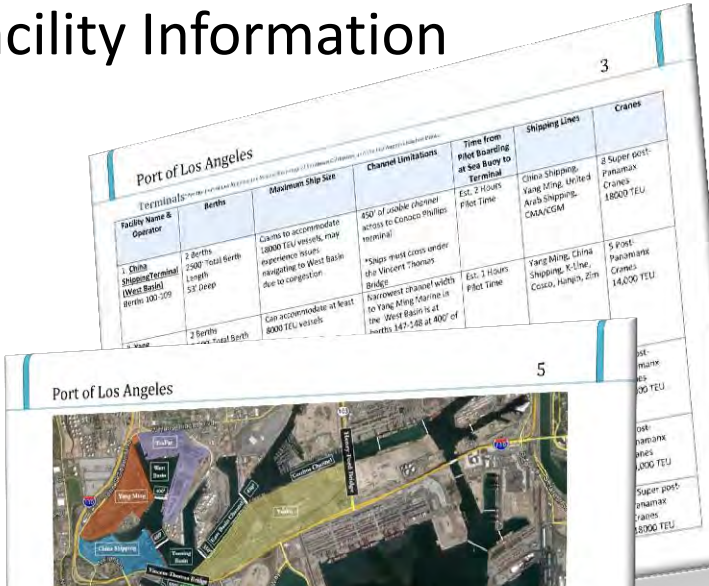
Greater Houston Port Bureau

- Founded in 1936 to provide information on the Port of Houston
- Marine Exchange of Texas
- 200+ Member 501(c)6
- Administers 280+ facility Houston Ship Channel Security District
- Led by Board of Industry Directors
  - Dredging Committee
  - Traffic Committee

GHPB Port Information

- Detailed Port Data
  - Operating Entities
  - Voyage Information
  - Contact Information
  - Channel/Harbor Restrictions
  - Facility Information





GHPB Traffic Committee

- Develop KPIs to determine root causes of delays on the Houston Ship Channel
- Discuss potential solutions and initiatives that may show value-added support to facilities, operators, and service providers.
- Discuss long-term issues that will allow HSC facilities, operators and service providers to increase productive vessel traffic in the Port of Houston.

Partnerships: Avanti

- Worldwide Port Information

Avanti

- Web-portal providing standardized global port data.
- Driven by Customers

- Ports Involved:
  - Rotterdam
  - Houston
  - Singapore
  - Gothenburg

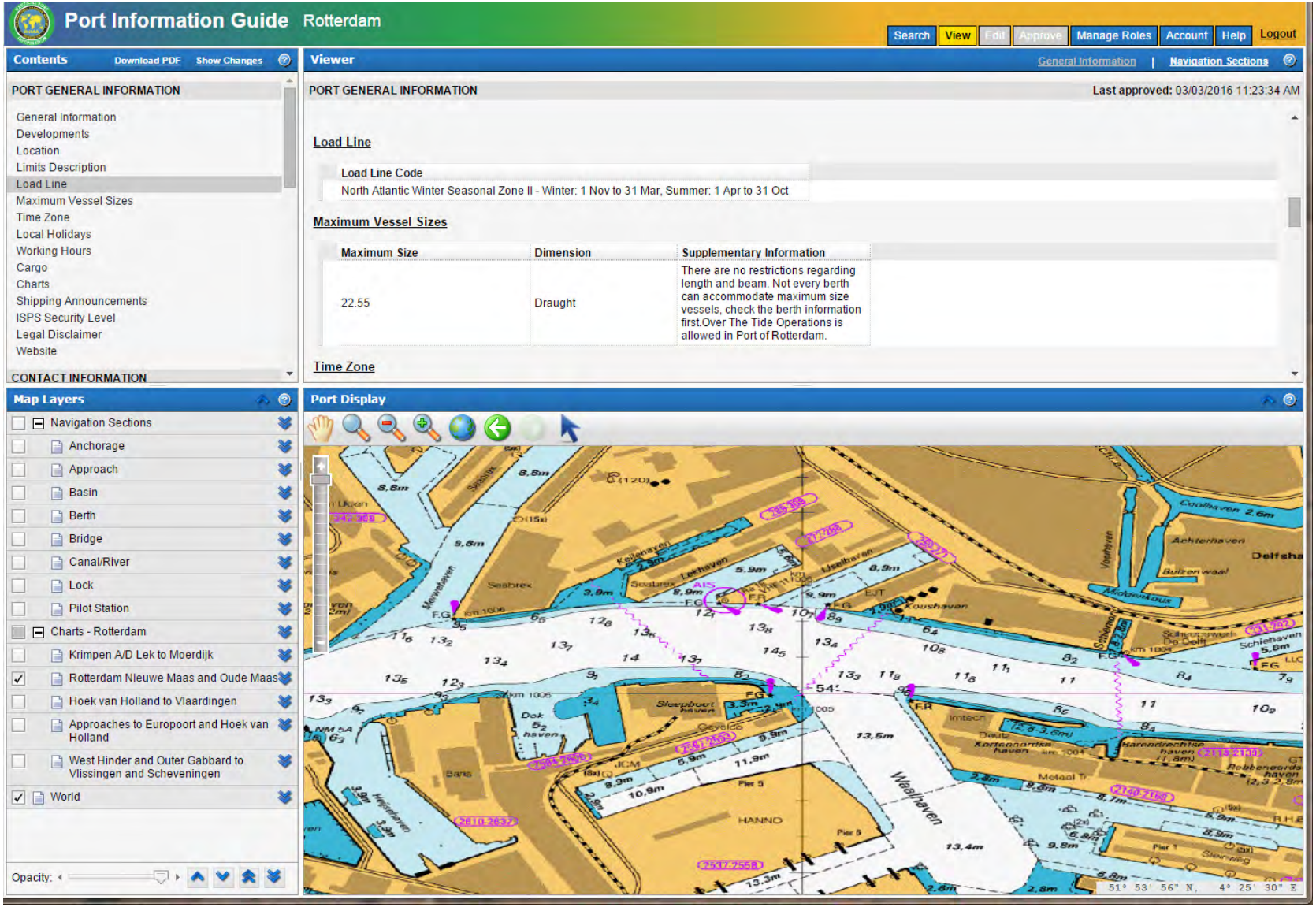
The Same Language

- Step One: Definitions
- Categories
  - General
  - Depth
  - Restriction
  - Port General
  - Weather & Tidal
  - Reporting
  - Regulations
  - Safety
  - Nautical Services
  - Vessel Services

The Same Language

Underkeel Clearance policy	Policy to set a minimum difference between the draught of a vessel and the available depth of water	Yearly	Decimal meters or as a percentage of draught or beam with a minimum of xx. Per type of vessel, on arrival, alongside, or departure
Maximum draught without over the tide operations	The maximum depth of the keel below the waterline at any point along the hull, related to a specific water density	Yearly	Decimal meters Related to water density of xxxx kg/m3. Per type of vessel, on arrival, alongside, or departure
Maximum draught with over the tide operations	The maximum depth of the keel below the waterline at any point along the hull, related to a specific water density. Utilizing tidal changes to sail, discharge or load cargo before a low tide level is reached, thus maintaining the vessel "always afloat".	Yearly	Decimal meters Related to water density of xxxx kg/m3 Per type of vessel, on arrival, alongside, or departure
Maximum length	Maximum length Over All	Yearly	Decimal meters Per type of vessel, on arrival, alongside, or departure
Maximum beam	Maximum moulded beam	Yearly	Decimal meters Per type of vessel, on arrival, alongside, or departure
Maximum air draught	Distance from the surface of the water to the highest point on a vessel. Waterline = surface of the water touching the hull so these are equivalent.	Yearly	Decimal meters Per type of vessel, on arrival, alongside, or departure
Vertical tide restriction	Restriction due to the height of tide at any point	Yearly	Meters Referred to tidal info of location xxxx Per type of vessel, on arrival, alongside, or departure. Possibly with extra measures (free text)

Avanti


Port Information Guide
Rotterdam
Search
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Account
Help
Logout
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Show Changes
PORT GENERAL INFORMATION
General Information
Developments
Location
Limits Description
Load Line
Maximum Vessel Sizes
Time Zone
Local Holidays
Working Hours
Cargo
Charts
Shipping Announcements
ISPS Security Level
Legal Disclaimer
Website
CONTACT INFORMATION
Viewer
General Information
Navigation Sections
PORT GENERAL INFORMATION
Last approved: 03/03/2016 11:23:34 AM
Load Line
Load Line Code
North Atlantic Winter Seasonal Zone II - Winter: 1 Nov to 31 Mar, Summer: 1 Apr to 31 Oct
Maximum Vessel Sizes
Maximum Size
Dimension
Supplementary Information
22.55
Draught
There are no restrictions regarding length and beam. Not every berth can accommodate maximum size vessels, check the berth information first.Over The Tide Operations is allowed in Port of Rotterdam.
Time Zone
Map Layers
Navigation Sections
Anchorage
Approach
Basin
Berth
Bridge
Canal/River
Lock
Pilot Station
Charts - Rotterdam
Krimpen A/D Lek to Moerdijk
Rotterdam Nieuwe Maas and Oude Maas
Hoek van Holland to Vlaardingen
Approaches to Europoort and Hoek van Holland
West Hinder and Outer Gabbard to Vlissingen and Scheveningen
World
Opacity:
Port Display
Waalhaven
HANNO
51° 53' 56" N, 4° 25' 30" E

The Next Steps

- Pronto: Tracking Local Operations

Pronto 2015-10-15 10:14
New event for Maersk Northampton - Terminal Planned ETA Berth: 2015-10-19 10:00

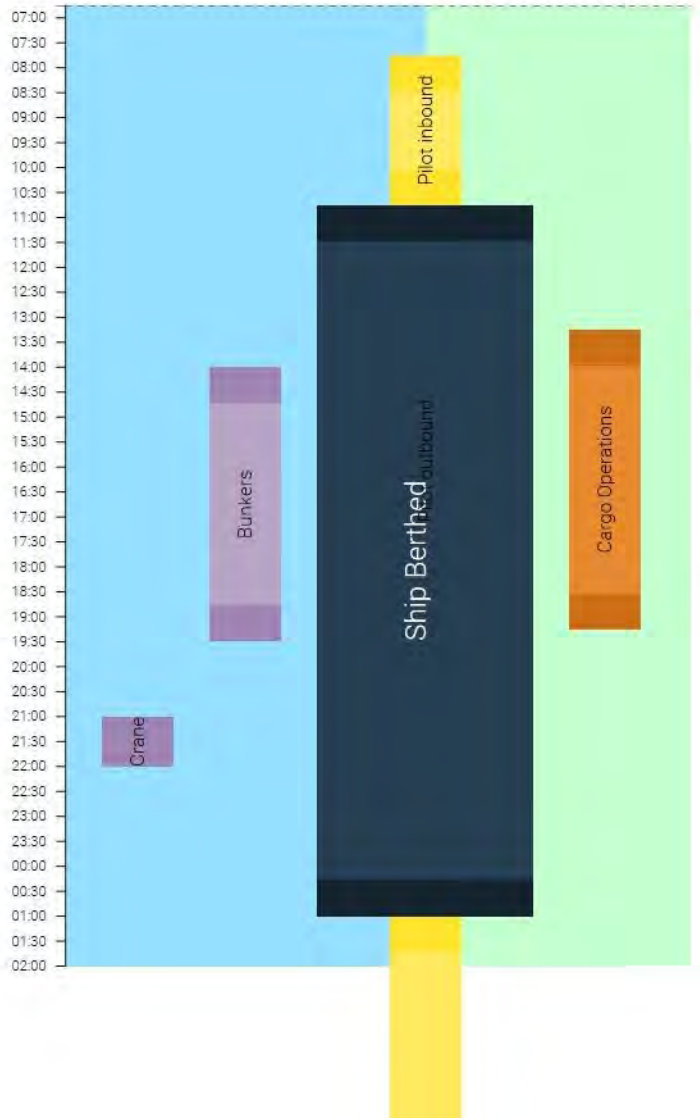
Pronto 2015-10-15 10:16
New event for Maersk Northampton - Agent Requested ETA Pilot Station: 2015-10-19 07:00

Pronto 2015-10-15 10:18
New event for Maersk Northampton - Pilot Planned ETA Pilot Station: 2015-10-19 07:30

Pronto 2015-10-15 10:19
New event for Maersk Northampton - Pilot Report ATA Pilot Station: 2015-10-19 07:45

Pronto 2015-10-15 10:22
New event for Maersk Northampton - Linemen Report ATA Berth: 2015-10-19 10:30

Pronto 2015-10-15 10:23
New event for Maersk Northampton - Linemen Report All Fast: 2015-10-19 10:45




Questions?