International Taskforce

Port Call Optimization

Port Call Optimization

Relation to UN

Port Call Optimization

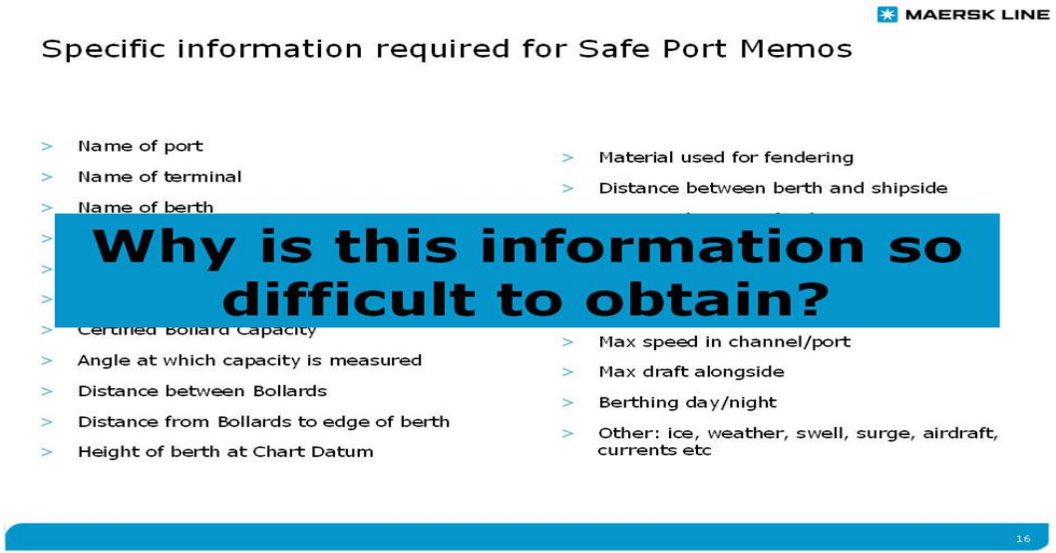
Relation to trade

Port Call Optimization

Request for data quality

For optimizing:

- Deadweight
- Speed / Emissions / Bunker savings
- Port stay
- Safety
- Berth utilization
- Hinterland connections
- Resources port services



Present situation

Ports use national or local standards

Present situation

Data not from data owner

Present situation

Less efficient communication

Present situation

No data quality assurance

Present situation

Summary

- Not possible to cross check data
- Not possible to share data
- No alerts if data has changed
- No data quality indications
- No binding data
- Many parties working for the same ship use different data

Data quality is key for Port Call Optimization

Decision as good as the data

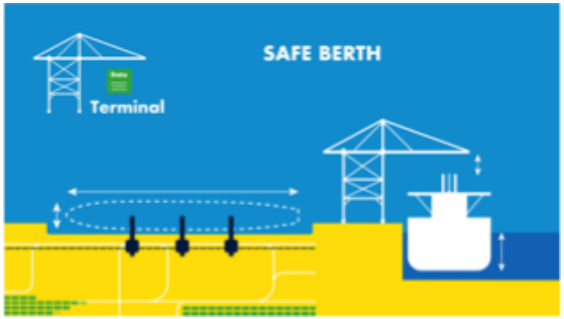
Agenda – update 21/01/18

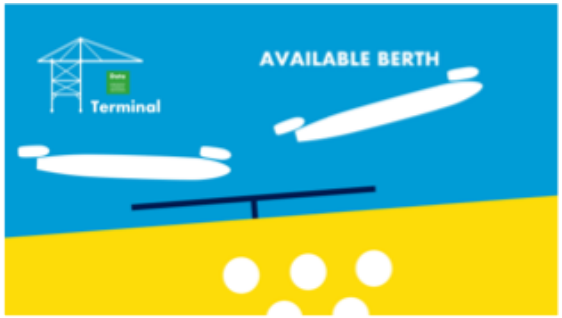
1) Agree on business process of port calls
2) Agree on minimum scope of data
3) Agree on functional definitions
4) Use of functional definitions by industry
5) Agree on data model and formats
6) Use of data model and formats by industry
7) Agree on ISO label
8) Use of ISO label by industry
9) Local roll out by industry
10) Global roll out by industry

1) Agree on business process of port calls
Done Q3/14

2) Agree on minimum scope of data

Done Q3/15





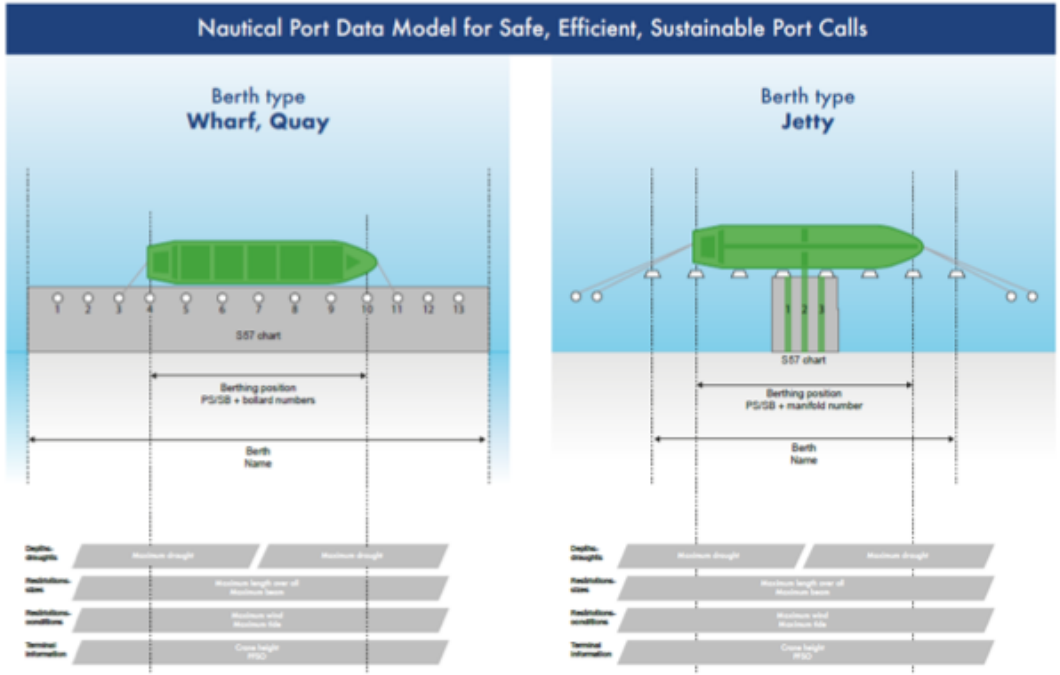
3) Agree on functional definitions
Done Q3/17

4) Use of functional definitions by industry
Done Q3/17

Shipping and agents	Ports	Standards partners	Endorsers
CMA-CGM	Algeciras	UKHO	BIMCO
Inchcape	Busan	GS1	IALA
Maersk	Gothenburg		IHMA
MSC	Houston		IHO
Shell	Ningbo-Zhoushan		Lloyds List Intelligence
Vopak	Rotterdam		Marine Traffic
	Singapore		STM
			UK P&I
			Xvela

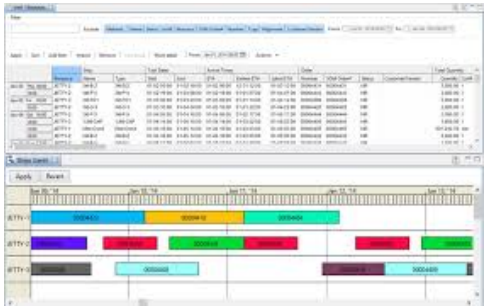
5) Agree on data model and formats

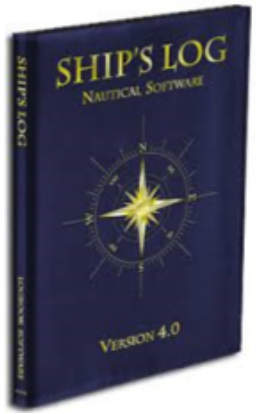
Q2/19

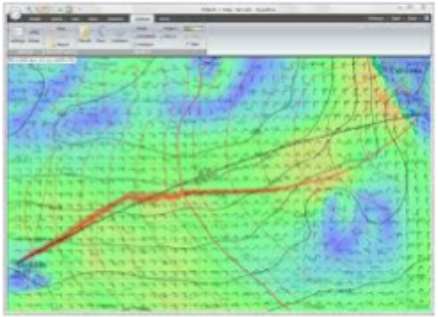


6) Use of data model and formats by industry

Q2/19







7) Agree on ISO label
Q3/18

8) Use of ISO label by industry

XX/XX

9) Local roll out by industry

2018

Basic data Berth and Berthing position ID Pilot Boarding Place – Berth sections ID	
Static data	**Dynamic data**
Minimum depth	ATA/ATD Berth
Maximum sizes	ETA / ETD Berth
Maximum conditions	PTA / PTD Berth

10) Global roll out by industry

XX/XX

Frequently Asked Questions

1) Shipping is 5000 years old, why have standards never been used?
2) Roughly 80% of goods is transported by sea, why have supply chain standards never been used?

Good news

- There’s nothing new
- Addressing existing contracts and resolutions, using existing definitions and technology, will already create dramatic improvements

Thank
you