European Maritime Single Window

-

Information for Ship Agents

Bremer Schiffsmeldedienst

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Content

- BSMD History

- BSMD company profile

- EUREPORT GmbH company profile

- EMSW

  - overview

  - requirements

  - future perspectives

  - effects on agents work

- Summary

History

- 1948: BSMD: Private Company with two 24/7 offices
- 1995: Start of data gathering for DG as service provider
- 2003: DATALOG GmbH founded (interface land/shore)
- 2004: First German AIS-System on the internet
- 2007: Lloyd's Sub Agency
- 2008: Implementation of traffic simulation system
- 2008: Distributor / service provider for LRIT
- 2010: Combination of pre-arrival-information with AIS
- 2011: Data gathering for Entry Summary Declaration in the EU
- 2013: Department for Port-ENC and b-ENC production
- 2015: Data gathering for „Single Window" in Germany
- 2016: EUREPORT GmbH founded

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Facts and Figures

- ## Working area:
  - German ports along the coast of the North Sea and the Baltic Sea incl. Kiel Canal

- ## Annual reporting: 20.000 vessels in working area

- ## AIS coverage: Le Havre to St.Petersburg (7.000 vsls)

- ## Annual data gathering:
  - DG: 250.000 items
  - Ref.-nos for export cargo: 200.000
  - NSW-declarations: 18.000
  - customs declaration: 5.000

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BSMD Company Profile

- Owner (100 %): Capt. Peter Langbein
- Unlimited liability
- Neutral partner for the maritime community (port and shipping)
- operational with two 24/7/365 offices
- staff: 29 persons (02/2017)
- Owner and user of tailor-made software:
  - WETRIS (**WE**ser **TR**affic **I**nformation **S**ervice)[R] for ship reporting
  - WETRIS-AIS: merging AIS-data and data from WETRIS[R]
  - Traffic simulation: calculation of traffic situation on various waypoints
- User of external softwares:
  - Dangerous Goods declaration systems
  - Customs declaration systems
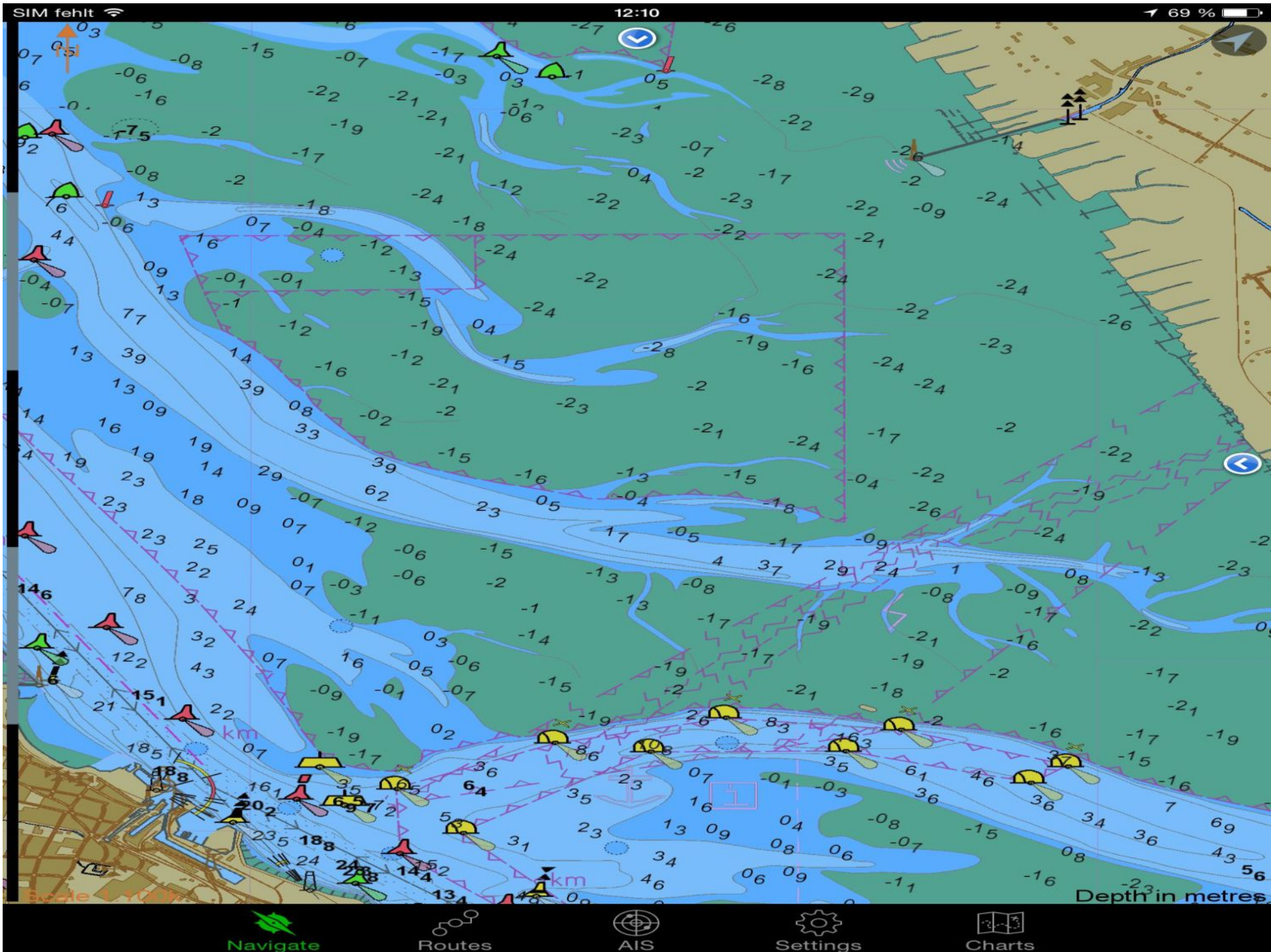 - „Single Windows" systems
  - Port Community systems

NEVER acting as Ship or Cargo Agent!

Publications

- BREMER SCHIFFSNACHRICHTEN
- Expected vessels > 24 hrs
- Notified vessels < 24 hrs
- Arrivals
- Ships-in-ports
- Departed vessels
- Ship data base
- Tidal information
- Weather
- Gauges
- Traffic related circumstances on the river
- Port ENC and bENC

Content

„History" and Company Profile

HISTORY

- 2016: EUREPORT GmbH established
- 2017: Start of data gathering for SW as service provider
  - for Ship Agents acting in EU-Memberstates

Company Profile

- Owner: Capt. Kersten Gevers and Capt. Peter Langbein
- neutral partner for the maritime community (port and shipping)
- operational with one 24/7/365 office (in combination with BSMD)
- User of external software:
  - Dangerous Goods declaration systems
  - „Single Windows" systems, if available in European MS
  - Port Community systems in Europe, if necessary

NEVER acting as Ship or Cargo Agent!

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EMSW - Overview

Legal background

- EU directive 2010/65 et al.
  - „Single Window"
    - (harmonization of declaration for the AUTHORITIES!)
  - one declaration in the first port of the EC with full set of data
    - IMO FAL 1- 7 , MARPOL, WHO, ISPS, PSC, ICS, Temporary Storage
- set in force 01.06.2015

- e-manifest project EMSW
  - database at EMSA in Lisbon
    - database for ship details
    - database for Dangerous Goods
    - (inter-) connectivity to national IT-systems (SW, Customs)
    - SafeSeaNet as working platform for EMSA
- second „beta"-testing in May/June 2017
- operative: end 2017

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EMSW – Required Data

FAL forms and conventions

- FAL 1: General Declaration

- FAL 2: Cargo Declaration

- FAL 3: Ship's Stores Declaration

- FAL 4: Crew's Effects Declaration

- FAL 5: Crew List

- FAL 6: Passenger List

- FAL 7: Dangerous Goods

- Maritime Declaration of Health

Formalities from legal acts of the EU

- 72 PSC pre-arrival

- Pre-arrival

- Actual Arrival and Departure

- Border checks on persons

- Dangerous or polluting goods

- Waste and residues

- Ship pre-arrival security information

Formalities from national legislation in NSW prototype

- Waste delivery receipt

- Bunkers on board

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EMSW – Requirements I

Data provider has to deliver ship related information:

Reporting Type	Reporting deadline	Reporting class
Pre-Arrival-Notification	72h before arrival If the voyage time is shorter than 72h, the notification has to be sent as soon as all the information are available	VISIT/TRANSIT/Call-ref… 72 hrs in advance notification
	24h before arrival If the voyage time is shorter than 24h, the notification has to be sent as soon as all the information are available	Bunker fuel on arrival Cargo Crew list Dangerous Cargo Notification Draught on arrival General information Immigration Notification Maritime Declaration of Health Name Notification of Arrival and Dep. (ETA/ETD) Passenger list Persons on board upon arrival Security Notification Services on ship Ship details Towage on arrival – tug and tow Waste Notification
Arrival-Notification	Directly after arrival	Actual time of arrival (ATA)
Pre-Departure-Notification	Before departure	Bunker fuel on departure Dangerous Cargo Notification Draught on departure Persons on board upon departure Towage on departure – tug and tow
Departure-Notification	Directly after departure	Actual time of departure (ATD)

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EMSW – Requirements II

Data provider has to deliver cargo related information (ICS):

Container	24 hours BEFORE loading in the port of loading
General Cargo / Breakbulk	Four hours before arrival in the first port in the EU
Bulk- / Tank Cargo	Four hours before arrival in the first port in the EU
Shipments between the Customs area of the EU excluding the Departments of France overseas, the Azores, Madeira and the Canary Islands on one side and Greenland, the Faroer Islands, Ceuta, Melilla, Norway, Iceland, the ports in the North Sea and the Baltic Sea, the ports in the Black Sea and the Mediterranean and all ports in Morocco on the other side.	Two hours before arrival in the first port in the EU
Other Shipments as mentioned before between the Departments of France overseas, the Azores, Madeira and the Canary Islands and other areas outside the Customs area of the EU with a duration below 24 hours.	Two hours before arrival in the first port in the EU
All Cargo	Arrival notification (ARN) when vessel arrives in the first port of the EU

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EMSW – Requirements III

Data provider has to deliver cargo related information (Temporary Storage):

All Cargo	BEFORE arrival in the port
All Cargo	Arrival notification when vessel arrives in port

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EMSW – Future Perspectives

- Possible Layout of EMSW

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Workflow – now and then

- Vessel sends filled forms (.doc, .xls, pdf,…)
- Agent distributes the papers to Authorities acc. to
  - national laws and by-laws
  - local laws and by-laws
  - requirements of the port community
- time exposure: 5 minutes?
  - if the gathering of data into a Port Community System is mandatory, the time exposure will be longer!

- Vessel sends filled form (.xls)
- Agent has to gather the full content of the declaration into the SW
  - work is changing from forwarding data to gathering data
- time exposure: 60 minutes?
  - if the gathering of additional, operational data into a Port Community System is mandatory, add more minutes…

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EMSW – Required Data

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Possible Excel Spreadsheet

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Possible Excel Spreadsheet

2MB/480 KB

Possible Excel Spreadsheet

			Port facility no. 1	Port facility no. 2	Port facility no. 3	Port facility no. 4	Port facility no. 5	Port facility no. 6	Port facility no. 7
4	Simplification (y)								
5	Last PortofCall in Germany where the complete information was notified (UNECE LOCODE)*								
6	either fill fields marked as choise above or fields below								
7	CSO last name*								
8	CSO first name								
9	CSO Telephone*								
10	CSO Fax								
11	CSO E Mail								
12	Valid ISSC on board (y/n)*								
13	If not: Reasons for no valid ISSC								
14	ISSC type*								
15	ISSC issuer type*								
16	ISSC issuer name*								
17	Date of expiration ISSC (date) (YYYY-MM-DD) GMT*								
18	Approved security plan on board (y/n)*								
19	Current ship security level*								
20	Port facility of arrival (if known)								
21	General description of cargo*								
22	*Last 10 port facilities called. Begin with the most recent facility.*		Port facility no. 1	Port facility no. 2	Port facility no. 3	Port facility no. 4	Port facility no. 5	Port facility no. 6	Port facility no. 7
23	Port name								
24	Country where port is located								
25	LoCode of port where port facility is located (UNECE LOCODE)								
26	Date of arrival at port facility (YYYY-MM-DD) GMT*								
27	Date of departure from port facility (YYYY-MM-DD) GMT* (F4)								
28	Ship security level at port facility*								
29	Any security matters to report								
30	GISIS code of port facility in port (ISPS) [0-9]{4}*								
31	*Ship-to-ship acitivities during last 10 port facilities called*		Port facility no. 1	Port facility no. 2	Port facility no. 3	Port facility no. 4	Port facility no. 5	Port facility no. 6	Port facility no. 7
32	*Location *								
33	Location name								
34	Location (UNECE LOCODE)								
35	Location Coordinates								
36	Latitude								

2 MB

Instructions / General information / Reporting Party / Arrival Notification / Port Notification / Departure Notification / **Security** / PSC (72h) / Border Police / Maritime Health Declaration / Waste (WAS)
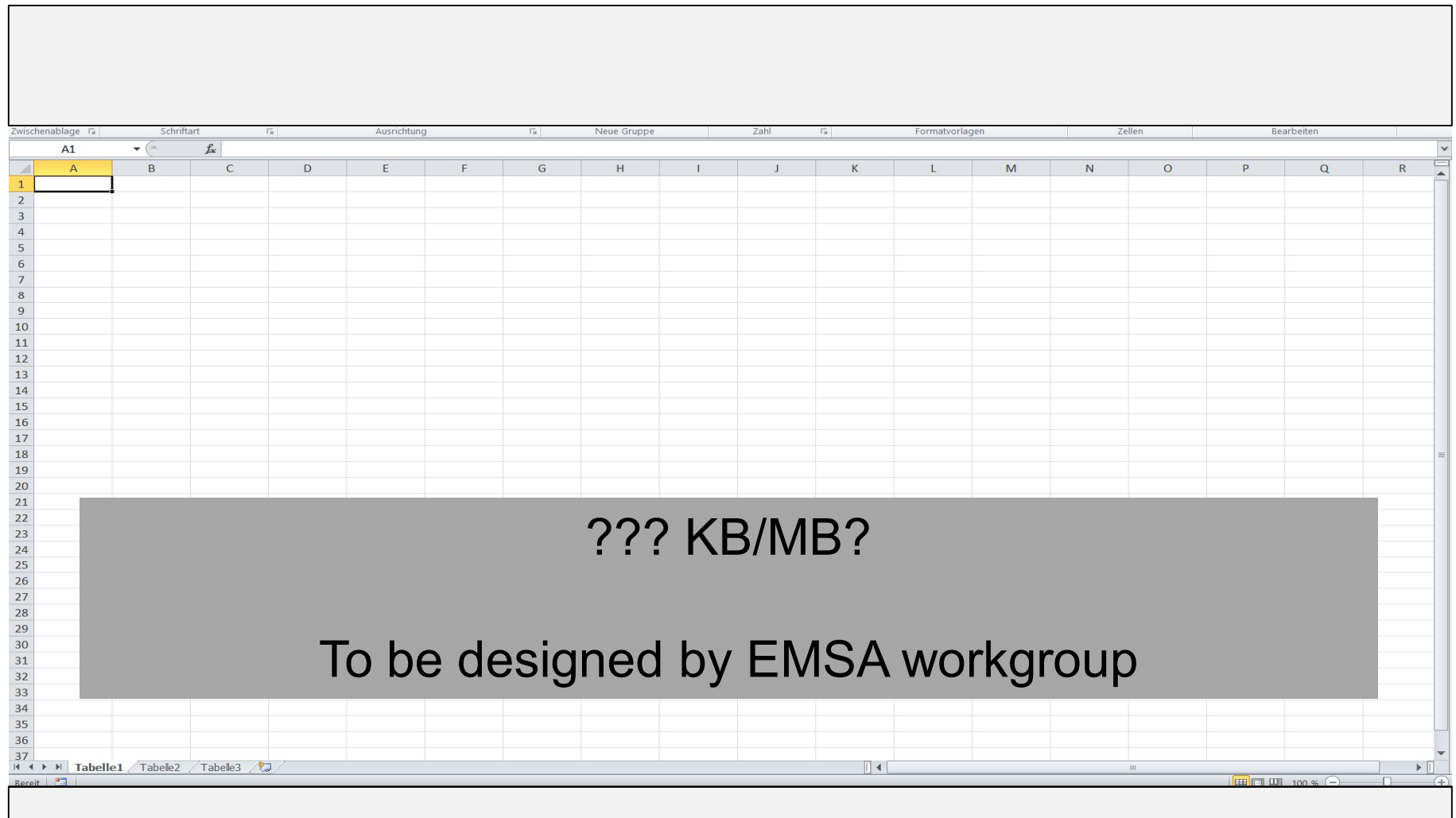
Bereit

100 %

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Possible Excel Spreadsheet

Zwischenablage | Schriftart | Ausrichtung | Neue Gruppe | Zahl | Formatvorlagen | Zellen | Bearbeiten

B8 — *f*ₓ Please send this file as attachment to your local agency when completed.

Persons on board on arrival

total	Crew	Passenger	Stowaways

Current MARSEC Level | Ship's berth

General Description of cargo   (Container, Vehicles, Conventionel general cargo, Dry cargo in bulk, liquid cargo in bulk, Empty)

Last 10 port facilities called

No.	Port Name	Country where port is located	LoCode of port	Date of Arrival	Date of Departure	Ship Security Level	Any security matter to report	GISIS code
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Ship to ship activites during last 10 port facilities called

Portcall / SHIP / Cargo / CREW / PAX / Tug-Tow

150 KB

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Possible Excel Spreadsheet

??? KB/MB?

To be designed by EMSA workgroup

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Summary

- e-manifest/EMSW collects data for Authorities

- Implementation of a „Single Window" for harmonisation

- Distribution/interconnectivity to MS to be clarified/developed

- Mix of ship related and cargo related data
    - Different parties for the delivery involved
        - Captain, Agent, Shipping Company, Planner, DG, ICS etc.
- No operational / logistic data
    - pilot request, tug, linesmen, shore-side, manoueverability etc.
- No standardized procedure for Captains
    - IT-infrastructure on board, SatCom, different forms, no knowledge about port details and logistic processes
- No standardized procedures for Agents
    - port-related IT-infrastructures are different or not existing (double work!)
    - rising costs for declarations due to charged accessibility to local/national IT-platform
    - significant rise of work-load and time consumption due to manual gathering of data
- Cyber Security
    - Will a Captain open an Excel spreadsheet containing makros?
    - Will you open an Excel spreadsheet received as an email attachment?

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Summary

Alternatives

- EMSA:
  - Implementation of a SW for ship declaration only (first step)?
    - Note: EMSW has to be interconnected with National SW
  - Upgrading of Customs related data on a later step?
    - Note: EMSW has to interconnected with National Customs Systems

- Captain:
  - Use of a software to collect all requested data?
    - Note: small attachment, safe transmission, saving costs
    - Note: data have to be re-directed from server to agent

- Agent:
  - Nomination of a sub-agency for data gathering?
    - Note: reduction of administrative burden of nominated agent, time and cost saving
    - Note: always available (24/7/365)
    - Note: always checking content of declaration and reports to agent
    - Note: neutral partner with no interest for competition to agent, „helping hand"/back-office for agent
    - Note: always up-to-date in resp. of updating and implementation of new requirements
    - Note: Best reputation in communication with Authorities („one-stop-shopping")
    - Note: BSMD/EUREPORT provide an Excel workbook valid for the declaration in ALL ports in the EU

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Live presentation

- http://www.schiffsmelder.de/login.asp

- http://wetris-ais.schiffsmelder.com/api3/WETRIS_AIS3.aspx

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Contacts and links

www.bsmd.de   www.eureport.de (not active yet)