Afternoon agenda

• 1330-1430 Inspirational speakers
• 1430-1530 How RTF works
• 1530-1630 Coffee
• 1630-1700 Hackathon – the Launch
• 1700-1730 Summary
• 1800- Dinner
PANEL: How Real Time Ferries works

Denise Barthel, VBB
Rostock, 18th September 2019
Cross-linking of the Baltic Sea Region

- Ferrys
- Public Transport
- Private transport
- Logistics

RTF Platform

for the use cases, lines and regions involved in the project
Cross-linking of the Baltic Sea Region

examples of use

14:05 +0 Main Station
City Bus
Line 45

14:20 +0 Port 1
Walking 5 Minutes
Check-In 20 Minutes

14:55 +5 Port 1
Viking Line „Sunset“

16:15 +5 Port 2

for the use cases, lines and regions involved in the project
Cross-linking of the Baltic Sea Region

examples of use

<table>
<thead>
<tr>
<th>Time</th>
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<th>Activity</th>
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Real-time data hub
EU-Spirit scheduled data tool

GTFS (RT) Tool Consumer Tool

RTF Platform

Ferrys
Public Transport
Private transport
Logistics

for the use cases, lines and regions involved in the project
Formats: Platform and supporting Tools

RTF Platform

Scheduled Data

Real Time Data

Open API for distributed journey planning

NeTEx
NetworkTimetableExchange

Dataset

SIRI
Service Interface for Real time Information

Datastream

OJP
Open API for distributed journey planning

PULL Data

PUSH Data

On Request

PUSH Data
European COMMISSION
DELEGATED REGULATION 2017/1926

supplementing Directive 2010/40 with regard to the provision of EU-wide multimodal travel information services

Applies to the entire transport network of the European Union

• to ensure that **EU-wide multimodal travel information** services are accurate and available across borders
• so set up **national access points**
• using **defined data formats**
• Static data obligatory, dynamic data voluntary
Next Steps:

• Publication of the invitation to tender

• Development → Connecting the systems → Different technical tests

• System going live! → September 2020

• Creating an operator and cost model
Do you have questions?

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Just-in-time pickup of unaccompanied trailers in the port area

Mikael Simonsson, IT Manager, Port of Trelleborg
Seamless integration between transport type

- Terminal
- Ferry
- Haulier
- Public Transport
"Just in time" real time information through the transport chain.

Terminal

Planning and assigning to vehicle in web interface

Pre-advice to terminal. Updated booking in TMS with status changes and PIN code from TOS.

Order in app to driver, updated information about units and voyages. Gate entry information in app.

Updated information
Ready for pickup
Demo-lines & Use Cases
Methodology for the Demo-lines and Use Cases

A Use Case is analysed from different perspectives:
- Problem description (“as-is”)
- Target group description

And there will be a:
- Proposed solution (“to-be”)

That will be:
- Implemented and tested
Use Case #11

Transfer facilitation for cross-border foot commuters & business travellers: Connector/ integration into existing journey planners, info screens at change points & on board of ferries
In Apps, on screens on-board and in terminals, information will be available.
Data Provider Tools

Jouni Lindberg    Swedish Maritime Administration
Platform type I

DRAFT 26.8
FC I

Ferry company I

DB Schenker
HOGIA Teams
Estonian Road Adm.
A'TUIN
HTMS

Platform

Real-time data hub

RCC EU-Spirit

Google

GTFS RT Tool

Consumer Tool

SIRI ET, PT

RT data hub VBB

Pubtrans [IP SWE]

VDV 453/4

Eu-Spirit long-distance server

HRDF

EU-Spirit scheduled data tool

NetEx ferry

HRDF
Ferry Company Type II uses **On Board Prediction Engine**
Ferry Company Type II uses **AIS Prediction Engine**

**Platform type III**

DRAFT 26.8
FC IIb
Toolset overview
Thank you!

It’s time to get visible!

Real Time Ferries – sharing real time departure and arrival times for ferries in the Baltic Sea Region to facilitate passenger and goods transport

www.realtimeferries.eu