

Port VTS modernization and the potential impact of MASS

Europe's leading 5G ecosystem forum's side-event
organized by the Freeport of Riga Authority

5G TECHRITORY



We believe that innovation and emerging technologies scale up the range of development opportunities. No doubt - 5G technology is a huge step for the digitalization of shipping in the future.

In this way, VTS (Vessel Traffic Services) can be managed more efficiently and securely. 5G is seen as a means to advance data exchanges between the parties involved - voyage information shared with VTS and other vessels will help to improve visibility of intended routes. This service will enhance ship-to-ship interaction, especially if an unmanned and autonomous ship is involved. Access to navigational information in digital form will reduce potential miscommunication due to language barriers.

Save the date and join us at 5G Techritory, Europe's leading 5G ecosystem forum, in discussing the future perspectives, challenges and opportunities of VTS modernization and the potential impact of MASS (Maritime Autonomous Surface Ships).



**“Port VTS
modernization and the
potential impact
of MASS”**

**Wednesday,
November 30th 2022
10:30 – 13:00**

**Fantadroms,
Gustava Zemgala gatve 74
Riga, Latvia**

Room “Laika”



**Experts and professionals are invited to
participate in the working group
to discuss and share**



EXAMPLES OF GOOD PRACTICE



**KNOWLEDGE OF THE LATEST
VTS MANAGEMENT SOLUTIONS**



**FUTURE CHALLENGES AND
OPPORTUNITIES**



**INTERACTION BETWEEN
MASS AND VTS OPERATIONS**



**GAP ANALYSIS TO DETERMINE
AREAS OF POTENTIAL RISK**



**POSSIBLE RISK CONTROL OPTIONS
THAT VTS NEED TO PUT IN PLACE
FOR SAFE MONITORING AND
MANAGEMENT OF MASS**

Event Structure

TIME*	DESCRIPTION	PARTICIPANTS
10:15	Welcome	
10:30 – 10:35	Opening of the Event	Viesturs Zeps Chairman of the Board Freeport of Riga Authority
10:35 – 11:45	Modern solutions for VTS in Ports	Deniss Bickovs Freeport of Riga Authority Latvia
	Fintraffic VTS – digitalization of VTS	Olli Soininen Fintraffic Finland
	5G - Opening new perspectives in maritime traffic management and surveillance	Claus-Harald Krummrey Frequentis Germany
	Incremental innovation in vessel traffic management despite all odds	Martin Link Cybernetica Estonia
	Integrated Harbor Security, Surveillance & Protection Solution	Shmuel Gonen ELTA Systems Ltd Israel
11:45 – 12:00	Discussions, Q&A	All
12:00 – 12:15	Coffee break	
12:15 – 13:00		All

*Time indicated in Eastern European Time (EET)

For more information about the event and registration please contact:

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The main Forum will take place on November 29-30. More details, including the preliminary agenda, profiles of confirmed speakers are available at: <https://www.5gtechritory.com/>