STM
SEA TRAFFIC MANAGEMENT

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BACK TO THE FUTURE

ULF SIWE, SWEDISH MARITIME ADMINISTRATION @PASAFE2018

Agenda

- Recent activities
- What kind of plans you have for ensuring the dissemination of the results, conveying the results to the policy level, possible continuation of the project?
- What kind of plans you have for the coming decade 2020?
- Expected final results?
- What kind of assistance and support you would like have from the PACs and the steering committee ?

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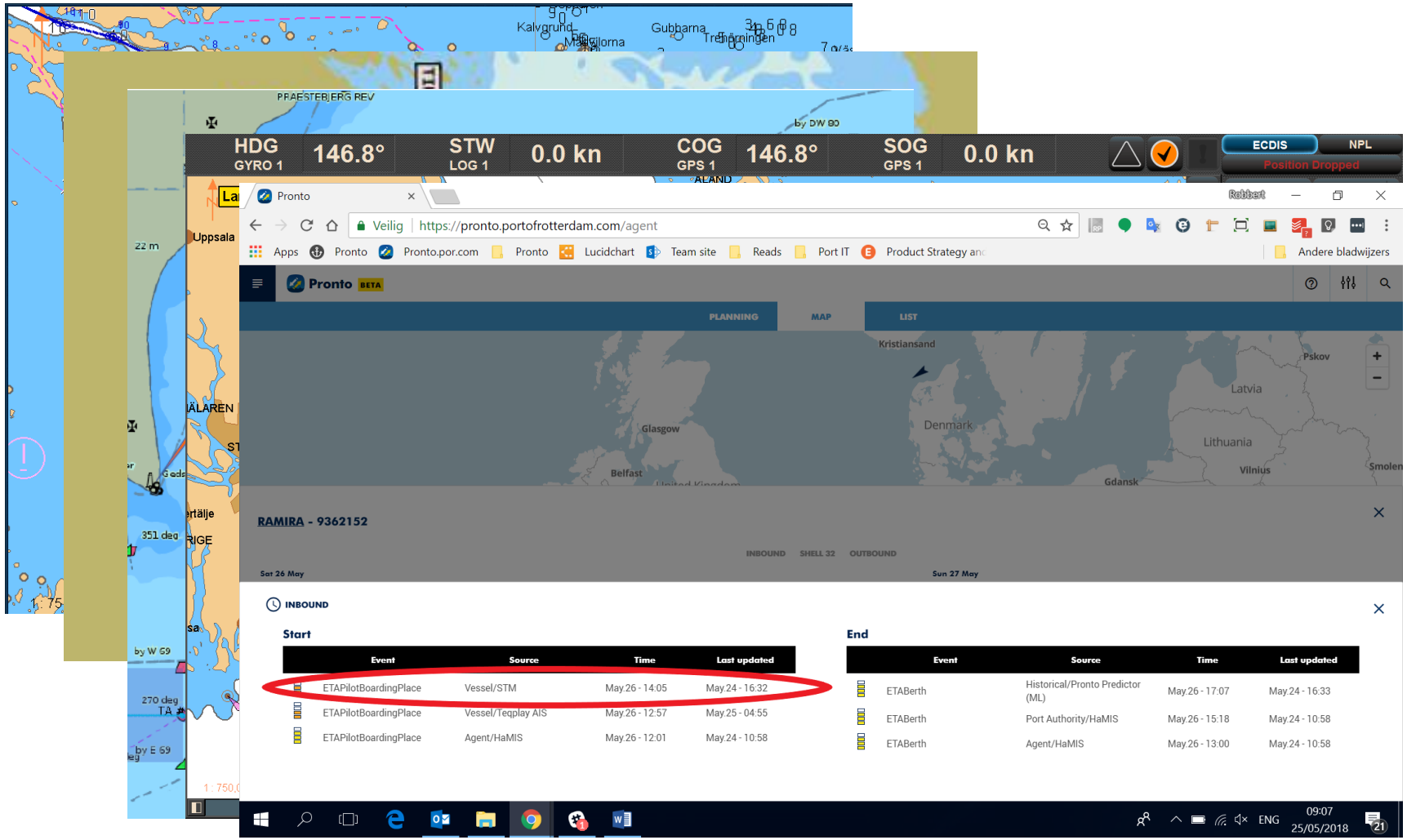
Recent Activities: Operational Svcs



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Recent Activities: the Ships

- https://stmlivetestbed.azurewebsites.net
- http://aisstat.kystverket.no/statistikk

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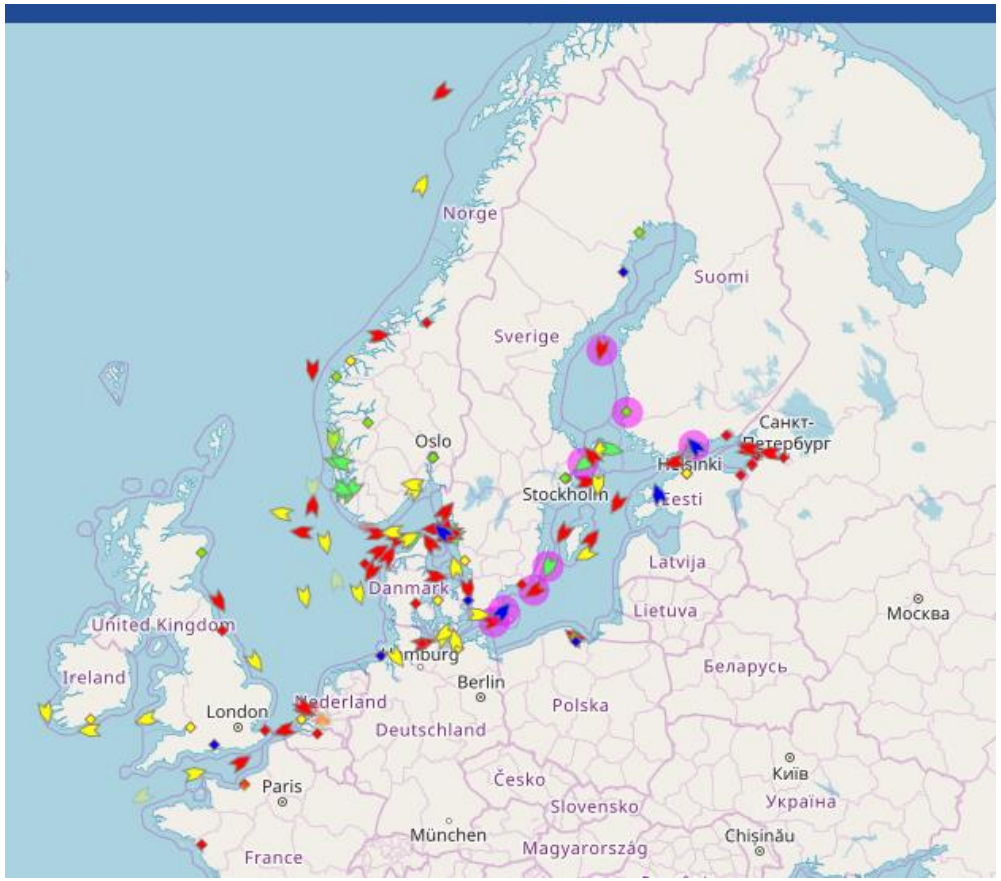

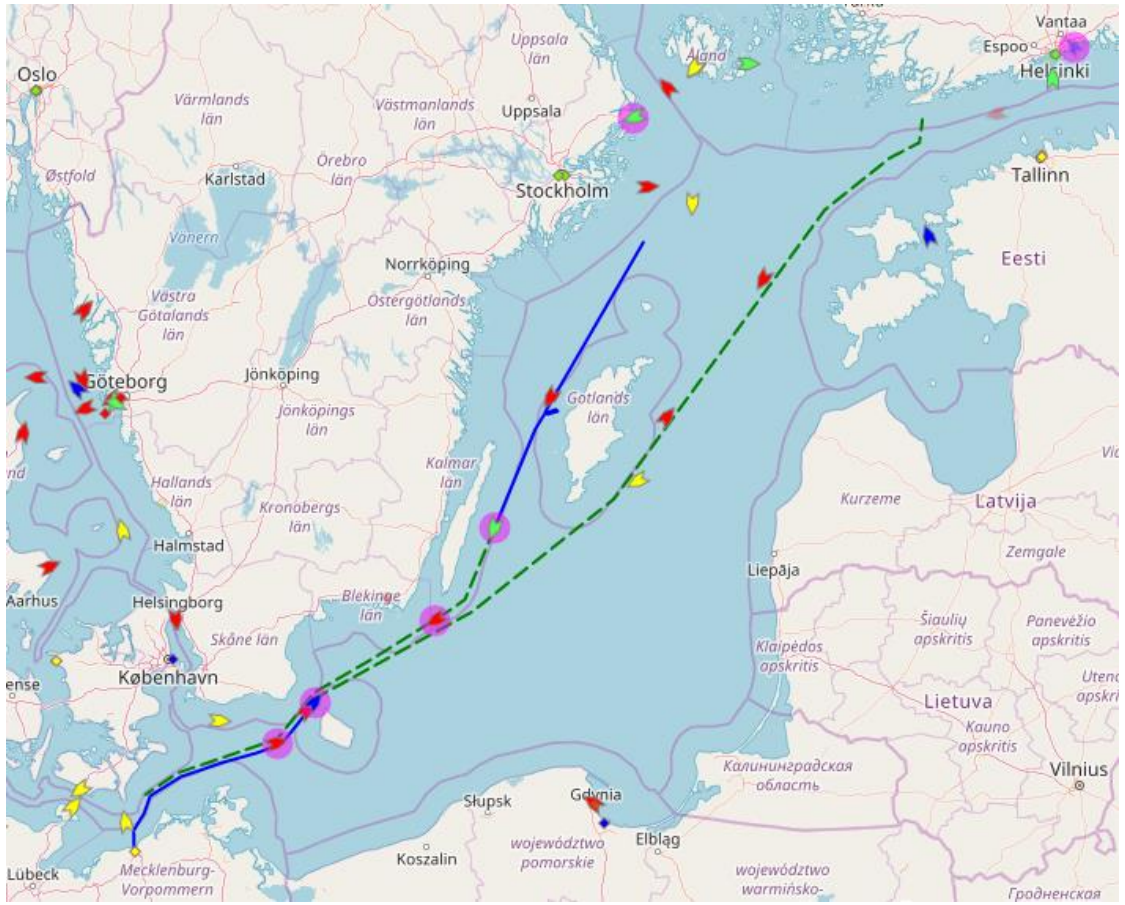

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Recent Activities: standards

- STM part of the Maritime Connectivity Platform (former Maritime Cloud) Development Forum – now lead by South Korea
- STM working to add the interoperability of STM to the next version of the route exchange standard RTZ, IEC61174
- Making IEC61174 compatible with the Common Maritime Data Structure introduced by IMO/IHO => S-421 (CIRM)
- Making the Port Call Message Format an IALA-std S-211

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Dissemination, policy, cont…

- STM presented at 60+ events yearly, 40 thus far 2018
- 100+ news articles in the press thus far 2018, triggered by press releases, newsletters, etc
- Strategic plan for STM at EU and IMO level developing
- More STM projects have started: STM EFFICIENT FLOW , RTF
- More STM projects & ideas: STM BALT SAFE , PortsofCall, …
- STM influence other projects around the globe:

SESAME Solution II

SMART

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STM 202x

- The vision is full global implementation by 2030
- 202x
  - Push industry into ownership and governance of existing STM standards
  - New projects to increase speed of adaptation
  - Influence to make STM part of local, regional and global regulation
  - Push Europe to keep the STM technological advantage

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Final results

- STM (2030)
  - Reduced groundings and collisions by 50%
  - Reduced emissions by 7%
  - Reduced waiting times in ports by 30 %
- STM Validation
  - 300+ ships, 13 ports appreciating benefits from STM-services using them beyond the project

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PAC and SG support

- Turning STM into a Flagship program
  - Rather than making the next project a Flagship
- SG members to push for country support for STM in EU, IALA and IMO
- New projects
  - Share ideas, e.g. Baltic SAR Innovation
  - Suggest possible partners to develop project ideas and participate

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