NAVELINK

Developer forum

27-01-2022

Navelink.org

Agenda

- Roadmap of the Navelink platform

- Navelink Platform update

- Service and payload updates
  – Information from service developers
  – Security and interoperability
  – New Services in the Operational environment
  – Ongoing work(Trello)

- Q&A
  – Answers to incoming questions
  – New questions

- Closing remarks

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Roadmap of the Navelink platform

- The Navelink platform will continue to be operational until at least 30 June 2024, and planned for at least 30 June 2029.

- ❑ Currently, negotiations ongoing with former BaltSafe and Efficient Flow user as their user accounts officially ended 31 December 2021

- ❑ SECOM, MMS and VDES – participation from Navelink etc.

- ❑ Voyage Information Service Hotel, VIS-hotel,

- ❑ Discussion ongoing as to SECOM-hotel (in parallel or as an replacement to VIS-hotel)

- ❑ Payment services still potentially discussed, investment needed if to be developed & implemented

- ❑ Navelink has IPO in EU and the US

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Navelink Platform update

- The status page will be updated with an uptime statistic during Q1 2022.

  – www.navelink.org/status will be updated with a percentage for the availability of each environment for each month/quarter/year.

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Discussion - Search for Service Instance on Payload type

The payload type in focus for a service instance is today not explicit searchable in Service Registry. The current method is to add the payload type as Keyword, e.g. S124, RTZ etc.

This is not completely structured way, although the keywords can be selected from a common enumeration and also monitored.

A more robust way would be to add payload type as own field when registering service.

In SECOM there is a SECOM_DataProductType defined that intended to be included in service registration, and thereby searchable.

Where SECOM_DataProductType is a string (need to be checked), e.g. S124 etc.

In S-100 ed4 there is a S100_ProductSpecification defined as

S100_ProductSpecification

+ name: CharacterString
+ version: CharacterString
+ date: Date
+ number: Integer

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Discussion - MMS and Navelink

Currently in MMS WG the discussions is focused on specifications and protocols.

There is already today some preparations and support for MMS built into Navelink as heritage from MCC, such as MMS entity and MMS Home Url, but Navelink does not itself today offer an MMS instance.

What are Your expectations and needs?

Should Navelink provide an MMS instance?

Should Navelink handle MMS instances just from registration point of view and allow anyone to establish an MMS instance and register it in Navelink?

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Discussion - SECOM and Navelink

- WHEN in time?

- WHO does WHAT?

Navelink has ongoing activity to make Navelink SECOM compliant.

Regarding SECOM Services, somebody () need to create proper Service Technical Design(s) according to SECOM Service design to allow users to start creating instances based on the SECOM technical design.

There should also be discussions regarding Service Specification(s) for the future. Currently from STM there one single VIS Specification used by most service instances. With SECOM there is a choice to make wether the specification shall again define exchange of certain payload type, or the specification shall define the operational service, where there is need to exchange payload. The difference will be that there will most likely be several operational service specifications that exchange same type of payload (e.g. S-421 Route Plan) for different purposes.
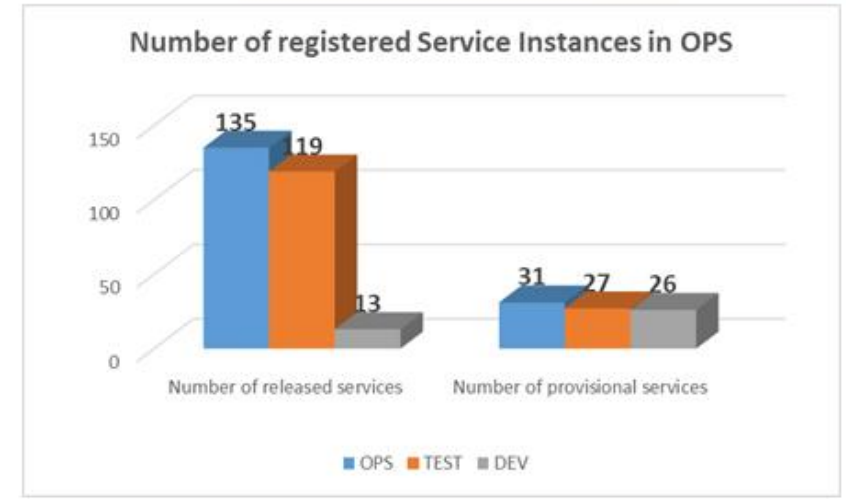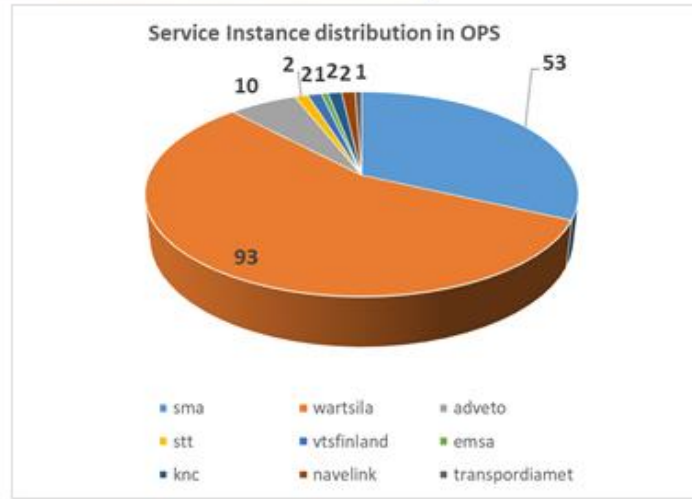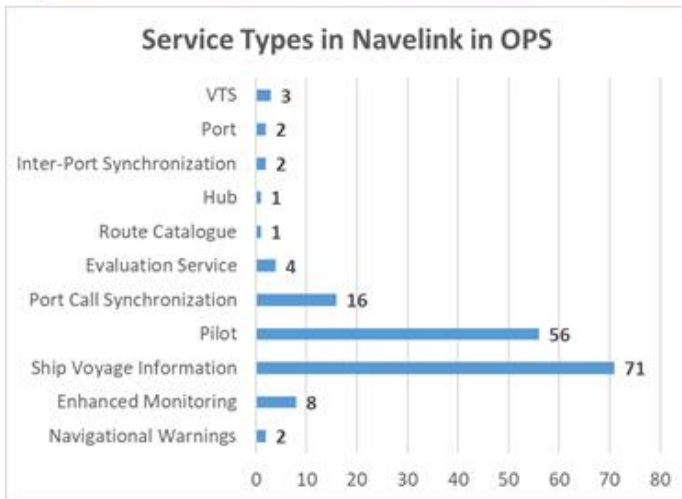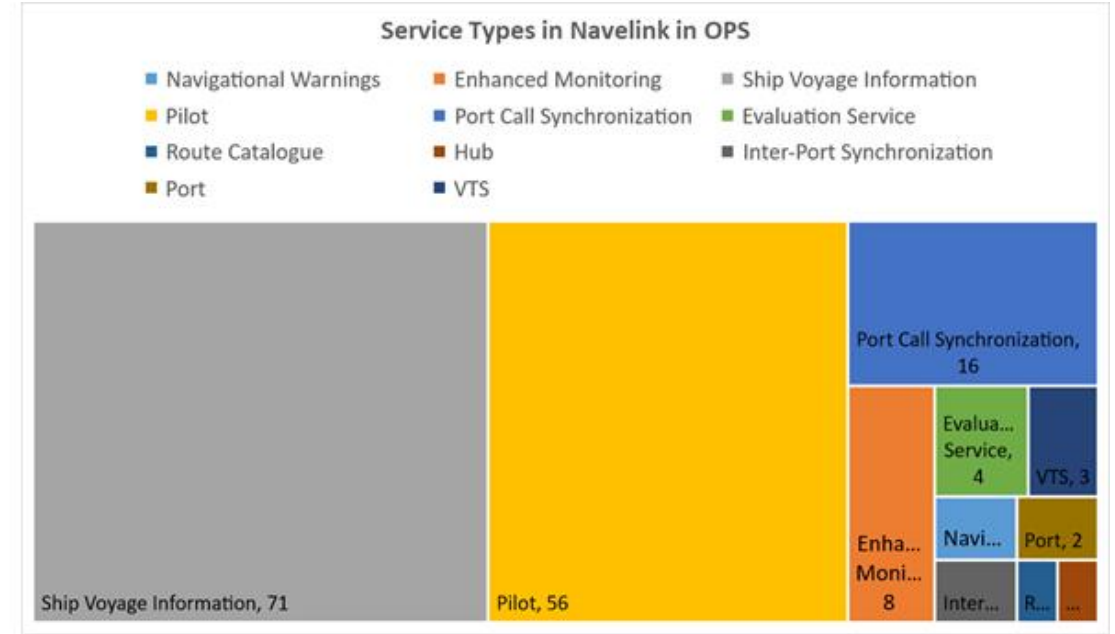
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Common service developer subjects

- Information from service developers

  - Common standardization work: S-124, S-421, SECOM, General STM news

  - Proposed changes G1128 – Per Löfbom

- Security and interoperability

  - Common discussions

- New Services in the Operational environment

  - Presentation and explanation of new services that was added in the platform by the developer.

- Trello check

  - What activities are active between meetings

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Overview on Navelink usage

Events in Navelink OPERATIONAL last 60 days

Update

Days
-60

Time	Event	ID	ENV	Name	Service Type	Service Status
2021-11-29 07:22	UPDATED	urn:mrn:mcp:service:navelink:adveto:instance:imo:7388657	OPS	KARL ERIK	Ship Voyage Information	released
2021-11-29 18:17	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9160475	OPS	Tenna Kosan	Ship Voyage Information	released
2021-11-30 09:54	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9160487	OPS	Tessa Kosan	Ship Voyage Information	released
2021-12-01 10:01	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9174361	OPS	Tanja Kosan	Ship Voyage Information	released
2021-12-01 10:06	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9342396	OPS	Helena Kosan	Ship Voyage Information	released
2021-12-01 12:40	UPDATED	urn:mrn:mcp:service:navelink:adveto:instance:imo9214379	OPS	Finlandia	Ship Voyage Information	released
2021-12-07 09:32	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9413688	OPS	ELANDRA ANGEL	Ship Voyage Information	released
2021-12-07 09:34	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9342425	OPS	HENRIETTA KOSAN	Ship Voyage Information	released
2021-12-07 09:40	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9087350	OPS	SCA OBBOLA	Ship Voyage Information	released
2021-12-10 14:40	UPDATED	urn:mrn:mcp:service:navelink:vtsfinland:instance:route-gateway	OPS	Finland VTS VIS	Enhanced Monitoring	released
2021-12-11 19:46	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9817626	OPS	ELANDRA OSPREY	Ship Voyage Information	released
2021-12-19 20:38	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9323326	OPS	JURKALNE	Ship Voyage Information	released
2021-12-27 21:45	CREATED	urn:mrn:mcp:service:navelink:wartsila:instance:imo:9482562	OPS	Elandra Baltic	Ship Voyage Information	released

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Q&A

- Any Questions? The floor is open.

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Closing remarks

- Next meeting the 24th of February

Meeting notes