

Parallel Session 1: System to System distribution

IMS Group UCM#14

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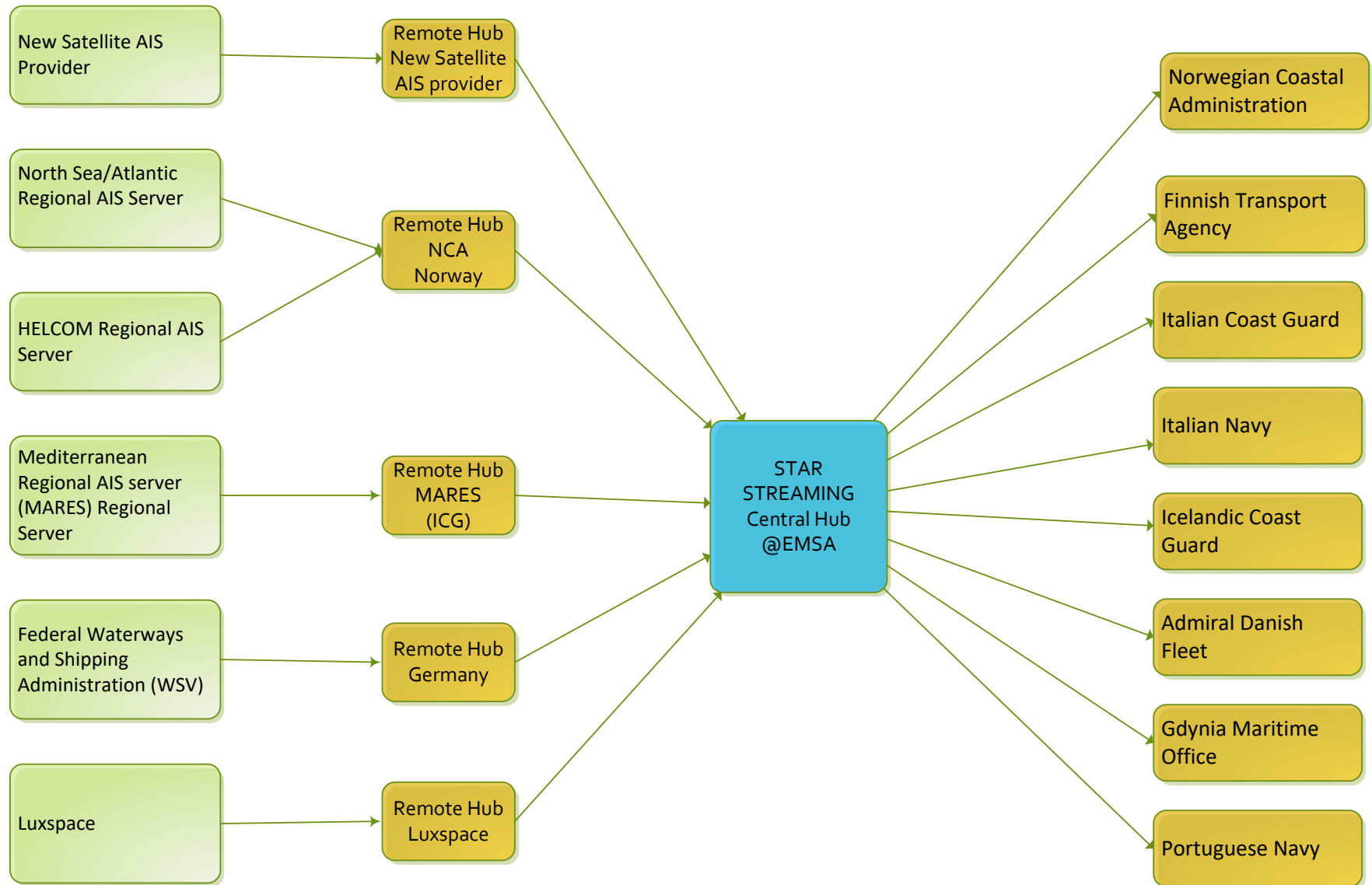


- **Motivation:** support increase in volume of AIS information and increase in demand for real time streaming of AIS for MS. Current SSNSI/ STIRES distribution
- **Approach:** Replace SSN/STIRES and SSN Streaming Interface with new state of the art streaming platform
- **When:STAR Streaming application Go Live planned on 14/11/2019**

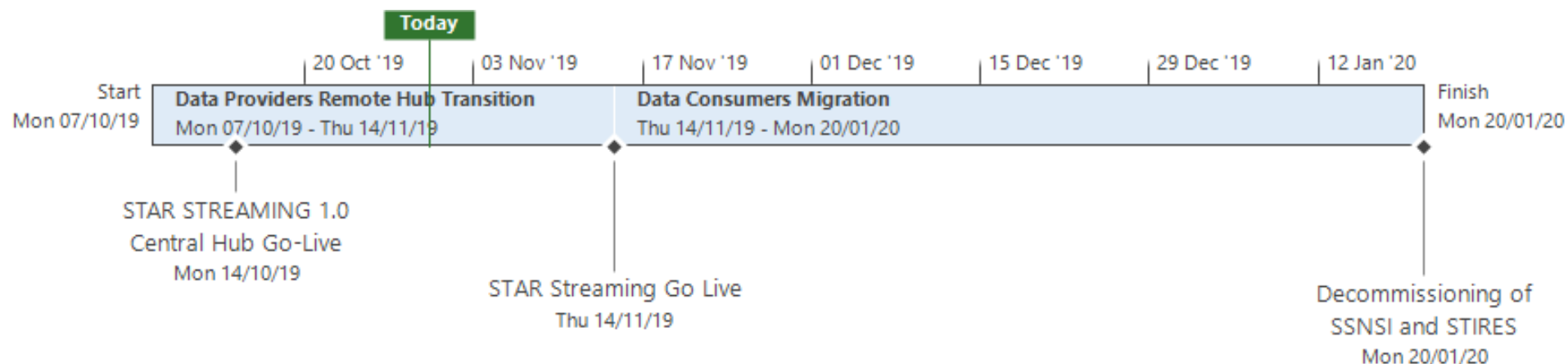
■ Allows MS to receive

- ❑ AIS data from all providers
 - ❑ Terrestrial AIS from MS
 - ❑ Satellite AIS from commercial providers
- ❑ Soon to be supported, integrated position stream:
 - ❑ AIS
 - ❑ LRIT
 - ❑ VMS
 - ❑ MRS
 - ❑ Including SSN enrichment (voyage, hazmat, waste, exemption, security)
- ❑ Low latency (between 0 and 5 seconds on average)
- ❑ Supports high message rates of up to 5000 messages per second

Overview of active distributions



Timeline



■ In order to setup distribution Member States should

- ❑ Request EMSA IMS PoC to setup a new distribution, describing their needs (in case of new distribution)
- ❑ Install remote hub software in their premises
- ❑ Setup connectivity to EMSA
- ❑ Connect it to their national systems

■ EMSA provides

- ❑ Remote hub software and documentation
- ❑ Support for integration with national system
- ❑ Support for installation of remote hub
- ❑ Support for connectivity tests



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