

Long term storage (HP-IMS)

IMS Group UCM#15

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Scope: to move to production the 1st EMSA cloud based solution that can in brief:

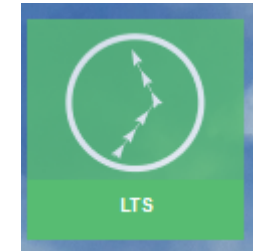
- Implement Long Term Storage (LTS: 5 years of positions);
 - Make possible queries for such an amount of data (dynamic sampling new logic for queries like ship tracks)
- Process in real time 5000 positions/sec (AIS, LRIT, VMS);

Background

- The project completed and tested by EMSA end November 2019.
- From December to January 2020 tests by beta testers - no blocking issue was identified
 - feedback for simple interface when searching for tracks only (TBD: filter and removing positions to see only tracks is possible in SEG, preset mode).
- Was decided to move to the initial production phase initially end of May with 5 users per MSs

Initial Production Phase

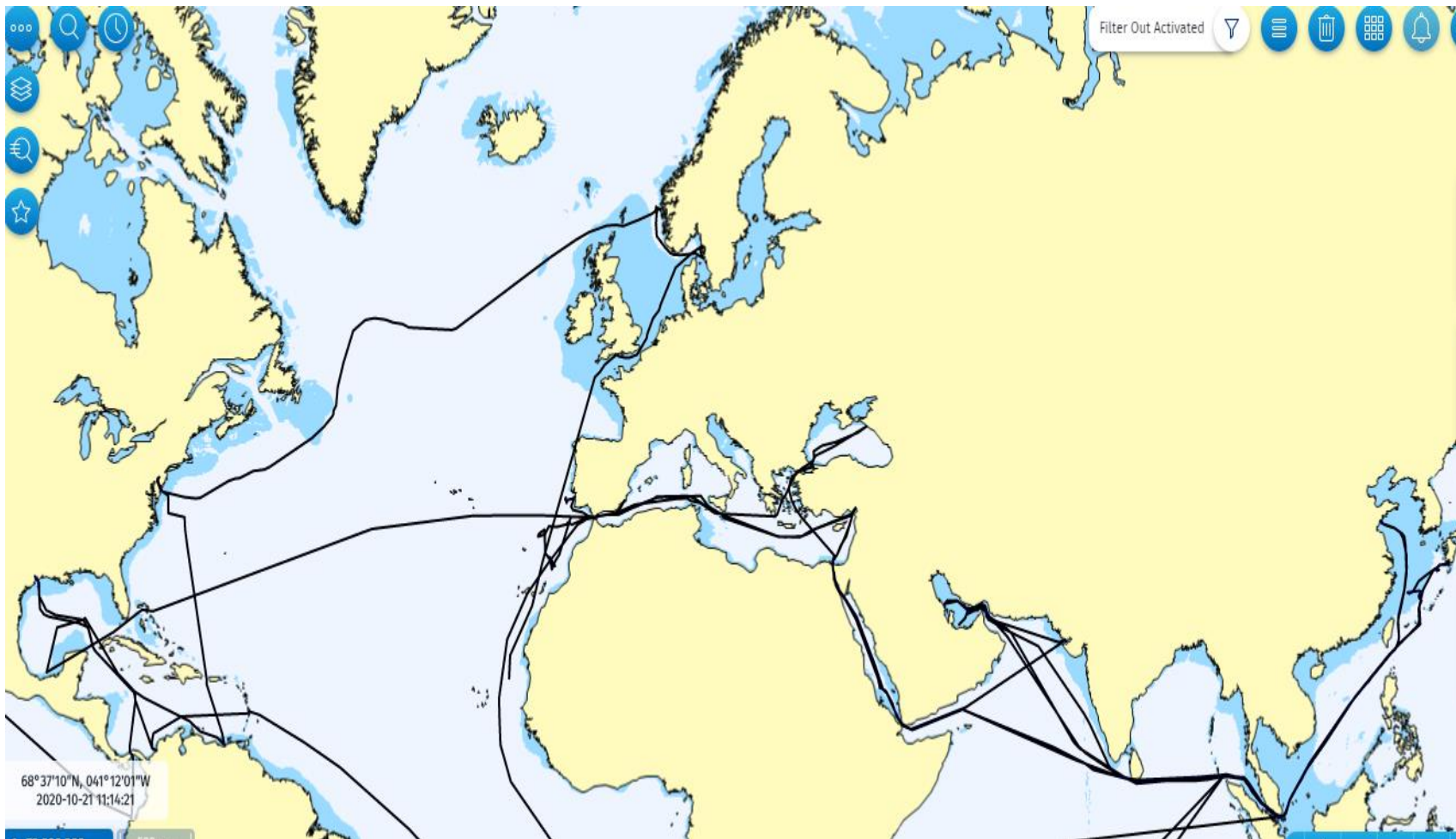
- Use of an application on EMSA Portal (clone of SEG) named “ LTS”
- Delay due to technical issues
- New date: end of October 2020 to the 5 users nominated by their PoC.
- Phase for users to assess LTS, provide feedback and to gain experience on the use of the service.



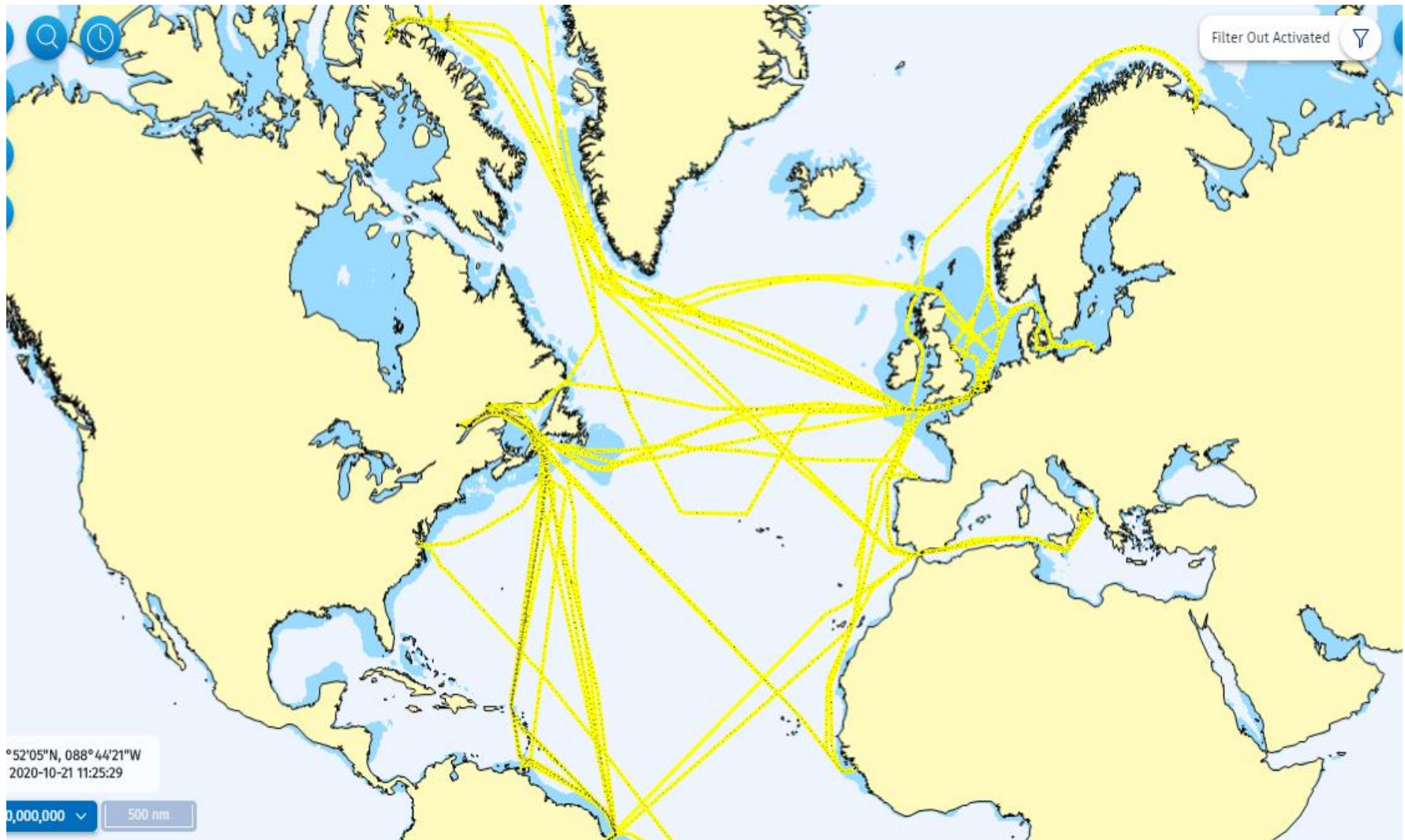
Production phase (date TBD)

- Following the initial operation phase
- LTS backend (cloud) will be connected to SEG that will uses for
 - Recent queries: STAR TRACKING (current IMS backend)
 - Queries further in the past: LTS

2 years track with LTS (Tanker)



3 years track with LTS (general cargo)





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