



1.6.2020

Väylävirasto Trafikledsverket

7 - National matters, Finland

COVID-19

The pandemic has not affected the service level of AtoN and VTS services in Finland.

SBAS (EGNOS) validation in coastal areas

EGNOS measurement campaigns in the Finnish coastal area in co-operation with ESSP has continued. The purpose of the campaigns is to verify accuracy and availability of EGNOS corrections in Finnish coastal waters and fairways. The COVID-19 pandemic and the related travel restrictions and the requirement for social distancing have slightly delayed the planned measurement schedule.

Use of historical AIS data for fairway planning and maintenance purposes

A general-purpose off-the-shelf data visualisation software (Tableau) has been successfully tested to visualise historical AIS data. Based on operational needs, the following three different views of the AIS data were defined and implemented using this visualisation tool:

1. General statistic on traffic in selected fairway area during selected time interval including type and draft of vessels (Figure 1).
2. Route of an individual vessel during selected time interval.
3. Routes of all vessels, in the selected area during selected time interval. These views are used for example for monitoring how well the full capacity of fairways is used, verifying the execution of the fairway maintenance work and analysing the actual routes used by vessels in fairway areas.

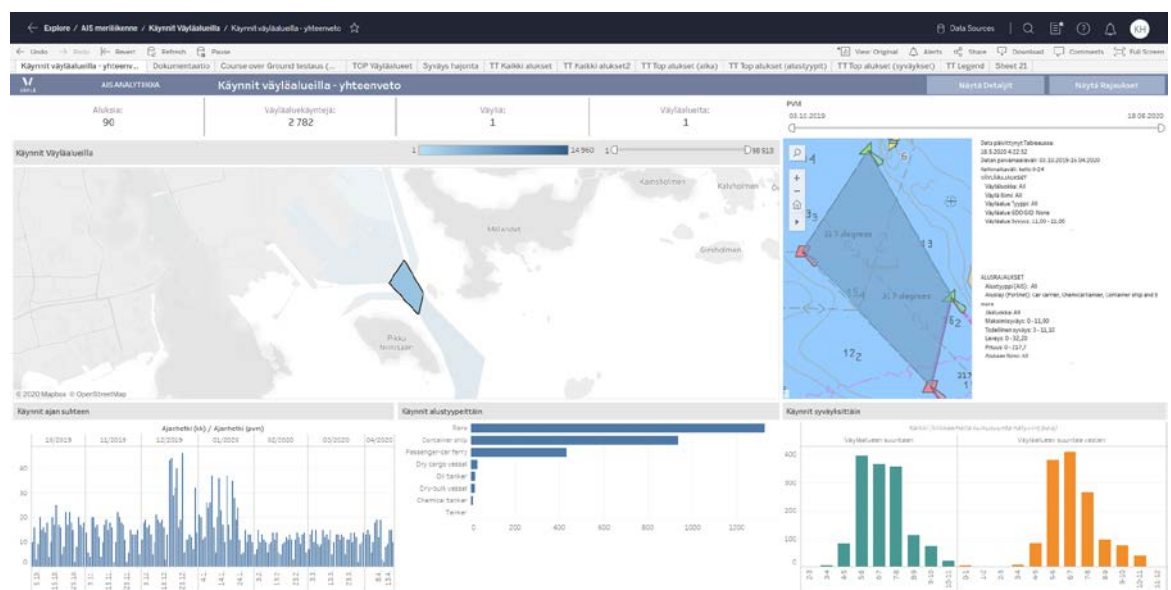


Figure 1. General AIS statistics. Entrance to Vuosaari harbour.