



Port of Fujairah prepares for IMO 2020

Systems Navigator performs an IMO 2020 impact scan of port logistics and defines performance targets to guarantee a high service level

DELFT; 6 November 2018 – The implementation date of the new sulfur content rules on bunker fuel announced by the International Marine Organization (IMO) is approaching quickly. To avoid being caught off guard the Port of Fujairah asked Systems Navigator to perform a thorough IMO 2020 scan of Fujairah's port logistics. Starting 1 January 2020 higher-sulfur fuels need to be replaced by lower-sulfur fuels, which will have an impact on port operations. Alternatively, the vessel operators can install expensive scrubbers to filter sulfur from (high-sulfur) fuel oil. Since scrubber equipment alone can cost 1 – 5 million euros, it is expected that there will be a switch in demand from high-sulfur fuel oil to (ultra) low-sulfur fuel oil or marine gasoil.

Lower-sulfur products, such as marine gasoil, have a different viscosity than higher-sulfur products, such as high-sulfur fuel oil. As lower-sulfur fuels are a larger part of the Port's throughput the product parcels sizes and fleet mix calling at the port will change as well when IMO 2020 regulations take effect. Many ports and terminals are unaware of the implications of these changes and are not prepared for the moment the new rules come into effect, which may result in longer ship waiting times and the need to invest in new infrastructure.

To accommodate for IMO 2020 the project team analyzed and advised on a number of infrastructure alterations, which will be implemented before 1 January 2020. These modifications guarantee a high level of service without weakening the existing port's ship berthing flexibility. Systems Navigator analyzed the Port's existing process times and recommended new target times in order to further improve the port performance.

About Port of Fujairah

Port of Fujairah is a multi-purpose natural deep-water port, strategically located 70 nautical miles south of the Straits of Hormuz at the crossroads of shipping lanes between East and West and as such one of the United Arab Emirates' vital facilities. Today the Port is the 2nd largest bunker port in the world with around 14,000 vessels received at the anchorage and over 4,300 vessels handled in the Port.

About Systems Navigator

Systems Navigator is a global leader in advanced and predictive decision support technology. Since 2003, our employees are working around the globe for a wide range of customers on the most challenging projects. We assist our customers in making better decisions on where to spend their capital by demonstrating the impact of change through simulation modelling. Our Dropboard platform for planning & scheduling helps companies optimize their operations, improve customer service and maximize the use of their assets.

To learn more about our services, Dropboard, or Systems Navigator, contact our office at +31 (0) 15 750 1030 or email, sales@systemsnavigator.com, or visit the website at www.systemsnavigator.com.
