

## **Press release: Port of Fujairah**

The Oil and Chemical Department of the Port of Fujairah, Fujairah Oil Tanker Terminals (FOTT), selected Systems Navigator as an independent consultant to support the development of a roadmap for the future of the Port. The main objective of this study is to be recognized as a World Class Port, known for efficient and safe operations and vessel handling.

Independent (inter)national tank terminal operators with a combined storage capacity approx. 8 mln cbm in 2015 are sharing the same berth infrastructure, owned and operated by the Port/FOTT. This capacity is expected to further grow up to 14 mln M3 by 2018 out of which 12 mln M3 connected with FOTTs' waterfront infrastructure. To accommodate this growth, the Port is gradually expanding the waterfront infrastructure that includes 2 large scale matrix manifolds and related pipeline infrastructure connecting the tank terminals with the 9 deep-sea berths (up to Suezmax) or 17 berths for smaller vessels (up to Handymax) or any combination of the two. At least one deep-sea berth for VLCC's up to 350,000 DWT will be operational by Q1 2016. In 2014, FOTT alone handled more than 3,000 tankers.

Over the past months Systems Navigator has analyzed numerous infrastructure scenarios under different operational conditions using its advanced simulation technology in combination with vast experience in port logistics. This has resulted into a good understanding of the impact of necessary enhancements on the overall Ports' performance. Furthermore, it has given the Port of Fujairah and the terminal owners operating in the port a clear view how to improve the turn-around time of vessels and what additional infrastructure is required over time.

### **About Systems Navigator**

Systems Navigator is an independent consultancy company based in Delft, The Netherlands. Systems Navigator specializes in the design, development and implementation of decision support solutions based on Operations Research technology. Our specific expertise is in using both discrete event simulation as well as optimization for decision support models that can predict system performance, as well as can be used for operational decision making by means of planning and/or scheduling. Systems Navigator successfully delivered over 60 projects for storage terminal companies all over the world.

### **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 more than 14,000 vessels received at the anchorage and over 4,300 vessels handled in the Port.