



Tideland beacons for Abu Dhabi's new port

Safe Sea Services Limited of Abu Dhabi has installed two large unitised beacons from Tideland Signal together with aids to navigation buoys and ancillary equipment at the new port of Mussafah, Abu Dhabi.

Tideland has supplied two SolaChan unitised beacon systems complete with ML-300 lanterns, solar arrays and batteries as well as two small steel buoys fitted with solar-powered ML-140 lanterns. Safe Sea Services also installed a large quantity of fenders, bollards, pilot access ladders as well as carrying out a variety of minor works.

Sola-Chan is a factory-assembled unit specially designed for fast, easy installation and reliable, low-maintenance operation. Two Tideland MMG series solar modules fit beneath the lantern on a galvanised steel pedestal, charging batteries contained in a secure GRP battery box at the foot of the assembly.

Mussafah on the industrial west side of the city will be the capital's second seaport and is a key element in the Mina Zayed Master Development Plan. When finished, it will have a 380 metre jetty and will enable shipping lines to transfer their cargoes more easily, either by road or barge, to destinations within the Emirates. The mini port will have a waterway 25 km long, 11 meters deep and 200 metres wide, allowing vessels up to 260 metres in length safe passage through the channel. Consultants for the \$17.7 million project are Halcrow International Partnership and the first phase of the development will accommodate up to 500,000 tonnes of cargo a year.

Approved to ISO 9001, Tideland Signal Limited is a British-based member of the Tideland group of companies, which specialises in aids to navigation and solar generation. The Tideland group is independently owned and has its headquarters in Houston, Texas.

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