



Tideland helps to clean up the Mississippi River

Tideland Signal Corporation, based in Houston, Texas has recently provided fifty-five solar powered marine signal lanterns and related pedestals to the U.S. Army Corps of Engineer's St. Louis District. This comes as part of a project to supply the USACE's dustpan Dredge Potter with a new floating discharge hose system.

Dustpan dredges are used in the Mississippi River to "vacuum" sand and silt accumulated on the river floor. This is done through a simple operation where the suction head, about as wide as the hull of the dredge, is lowered to the face of the material to be removed. High velocity water jets in the suction head agitate and loosen the material. The slurry is drawn up by a pump that passes the material along to a floating pipeline, and is finally deposited outside the navigation channel.

Dredge pipelines in the Mississippi River, which are floating or supported on trestles, are required to display lights at night and in periods of restricted visibility. This is in line with 33 CFR 88.15 Lights on dredge pipelines. Tideland's SolaMax and L-120 solar powered marine lanterns were used to meet this requirement.

In line with CFR, two red SolaMAX lanterns will be placed in a vertical arrangement at either end; with yellow L-120s interspersed along the length of the pipeline.

Notes:

Tideland Signal Corporation is the world's leading manufacturer of marine aids-to-navigation, with a reputation for developing equipment to high performance specifications and with the reliability needed to withstand harsh marine environmental conditions.

For additional information regarding Tideland Signal Corporation, Aids to Navigation, VTS and AIS solutions, please contact Jody Sturtze at +1 713 681 6101, jody@tidelandsignal.com.

NEWS

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Tideland Signal
Corporation



Prominent in Port and Harbor operations around the world, Tideland has served Coast Guard and Lighthouse Authorities since 1954 as well as providing specialized aids-to-navigation equipment to the offshore oil and gas industry.

The Dredge Potter is the Corp's oldest dredge, having been used on the Mississippi for over 70 years. It has recently undergone a state-of-the-art overhaul and is now scheduled to return to its year-round work on the Mississippi, with almost twice the capacity that it had previously.

Images

Shown below are the L-120 (with yellow base) and the SolaMAX.



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