



---

## SolaMAX-155 Marine Lantern

Shortly after midnight May 14, 2008 the seagoing tugboat Independence was heading west through the Carquinez Strait toward the San Francisco Bay when it collided with the Avon Wharf, operated by Tesoro Corporation Golden Eagle Martinez Refinery.

Initial fears that the tug ruptured Tesoro's main product pipeline, spilling as much as 1,500 gallons of gasoline, proved unfounded when it was discovered that only a small pipeline designed to take samples of products before they leave the wharf was ruptured.

The refinery's safety measures to cut all main lines of power to the area created a problem since the wharfs marine navigational beacons are powered by the main lines. Officials from the refinery were in dire need of solar powered marine lanterns.

Tideland Signal received the initial call for help early afternoon May 14 and just shortly after nightfall the Golden Eagle Martinez Refinery received Tideland's SolaMAX-155 solar powered marine lanterns.

The SolaMAX-155 is a maintenance free self contained marine lantern utilizing highly efficient LED's to achieve ranges of 6 NM at mere amps a day.

The SolaMAX-155 is approved for use as Class A, B and C lights for artificial islands and structures in USCG 8<sup>th</sup> District under 33 CFR Part 67, UL and ATEX approved. The lantern has also been successfully tested to Military Standard Tests 202, 204 and 810 (shock, vibration, icing, wind speed, salt air and seawater spray).



**\*\* END \*\***

---

For additional information regarding Tideland Signal Corporation, Aids to Navigation, and VTS and AIS solutions please contact Jeff Rosner at +713-681-6101.

[jeffr@tidelandsignal.com](mailto:jeffr@tidelandsignal.com)  
[www.tidelandsignal.com](http://www.tidelandsignal.com)