

OceanTools

OceanTHIS

Trim and Heel Indicator System

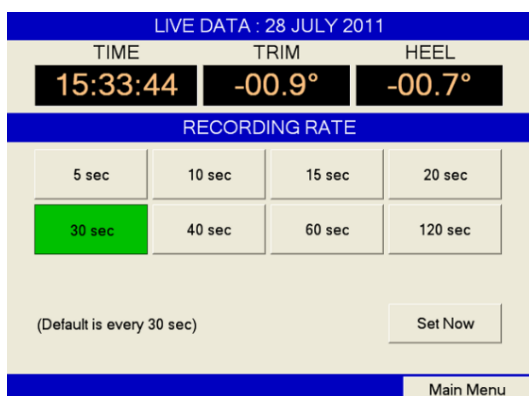
OceanTools were asked to design and supply a number of systems to monitor the trim and heel of a barge in real time, with the ability to record, retrieve and print historical measurements.



Overview

A self-contained solution was designed to accommodate the sensor electronics from an **OceanTILT** precision dual axis subsea inclinometer and a marine grade panel PC with integral touchscreen. The inclinometers are mounted orthogonally to one another in an accurately CNC machined mounting bracket.

Bespoke software on the panel PC shows live trim and heel (pitch and roll) with an intuitive touchscreen user interface to drill down by date and time to retrieve and print selected data. A printer with USB interface was included as part of the package.



Specifications

Trim and Heel range	±90°
Nominal accuracy	0.1°
Touchscreen display	6.4" TFT LCD
Touchscreen resolution	640 x 480
Printer interface	USB
Approx dimensions (mm)	260 x 210 x 120
Power input	110–240VAC

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

All specifications are subject to change without notice. E&OE.

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