

OMAE 2006, Hamburg, Germany
25th International Conference on Offshore Mechanics and Arctic Engineering

From the 5th to the 8th of June 2006 Z+F exhibited at the OMAE conference in Hamburg. This is a special conference that focuses on offshore solutions. Therefore Z+F wanted to introduce its 3D Laser Scanning technology as a very fast and convenient way of obtaining as built documentation. Our experience in measuring offshore platforms has given us a good basis for showing engineers and academics how laser scanning can benefit offshore engineering. The software package LFM links the captured laser scanning data with CAD software such as AutoCAD, Microstation, PDS or PDMS.

Together with our stand partner, the surveying company Dr.-Ing. Wesemann, we could also show some other applications of laser scanning in marine engineering. They have experience in scanning ships to obtain a three-dimensional model of a hull to the ship coordinates system. For example this can be part of the repair process of a variety of ships and vessels in dry docks.

The continuing possibilities and the existing experience of using 3D laser scanning in offshore and arctic engineering, impressed many conference participants and we hope to expand upon their involvement.

