

PRODIVING 2008 - COMPUTER BASED DIVING MONITORING SYSTEM WINS SEAWORK 2008 AWARD

Southampton, UK June 10, 2008 -- The Seawork 2008 Innovation Showcase was awarded last night at the Gala Dinner to ISPTEL, Lda (stand S46) for its ProDiving 2008, which applies new computer based technologies to support offshore diving operations.

At the Seawork International exhibition in Southampton it has been announced that ProDiving 2008 – Computer Based Diving Monitor has won the Innovation Award for Diving & Underwater Technology. The announcement was made at the Seawork Gala Dinner held at St Mary's Stadium. Over 500 industry professionals were present. The award was announced by Iain Shepherd, Chairman of Marine South East, sponsors of the Seawork Innovation Showcase. The Showcase features products selected from six categories: Vessel Design and Construction, Safety and Survival, Marine Equipment and Materials, Diving and Underwater Technology, Marine Electronics and Marine Civil Engineering. Following acceptance in the showcase one product from each category is then voted overall winner.



For the first time at Seawork 2008, ISPTEL, Lda - Portugal (stand S46) is showing the unique system in the world that monitors in real time a diving operation.

The Diving task were complex and need the know-how and practice, to decide and apply the right diving table for a specific depth and bottom time. Diving supervisor are also supported by a report recorder and diver tender, to keep all paper work reports clear and updated also help diving in water or surface.

The system is able to do most of these tasks automatically. To achieve these results, a pressure transducer was installed on diver umbilical near the chest level, which measures the exact deepness of the diver (no Pneumofathometer depth correction factor compensation needed), a software application was written to measure the passage of time and interpolate the real time date with the Air Diving Decompression Tables.

ISPTEL is strategically located at North of Porto the second major city in Portugal nearby Leixões harbour, where offshore activities are increasing exponentially the last years.

ISPTEL initiated its activity in 1998, to offer solutions to our customer's demands; we have formed a multidisciplinary team in the area of the Electronic System Development and Maintenance.

Since the introduction of our first VHS diving recording unit in 2000, we have been committed in developing reliable, easy to use and high performance video processing units for Diving Operations. Applications for these units are found in offshore diving activities, conducting harbour inspections or just for Bore Hole and Pipe inspection.

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