

New Hydrographic System for Shallow-water ‘Gap-filler’™ Surveys



Hydrographic survey technology provider Subsea Europe Services GmbH has introduced a new compact version of its integrated Hydrographic Survey System (iHSS). Called iHSS-Compact, it meets the growing demand for shallow-water ‘gap-filler’ marine surveys and simplifies the acquisition of commercial grade marine data for users of any experience.

iHSS-Compact leverages Subsea Europe Services’ technology integration expertise to provide a low-cost, turnkey marine survey package for deployment on almost any vessel. Designed for customers seeking an easy-to-access alternative to commercial survey vessels for on-demand shallow-water projects, the system is delivered in a single, ‘person-portable’ Pelican case for fast deployment and streamlined set-up.

Shallow-water Survey Projects

Ready now for rental, subscription or purchase, in many cases iHSS-Compact can be preconfigured and available anywhere in Europe virtually ‘next day’, with installation and calibration in less than two hours. Practically plug and play, iHSS-Compact includes everything needed to acquire high-quality marine data to new IHO S-44 Exclusive Order standards, including an R2 Sonic 2020 wideband multibeam echosounder, I2NS Inertial Navigation System, versatile mounting solution, survey and post-processing notebook, software and cabling. The iHSS-Compact is also available as a dual-head system, allowing for more than 200 degrees of swath coverage.

“We created the iHSS to simplify marine data acquisition with a lower cost, easier-to-access solution for when commercial survey vessels are unavailable, too expensive, or too cumbersome for the job at hand,” explains Sören Themann, CEO, [Subsea Europe Services](#). “The iHSS-Compact is a natural extension of the concept with specific focus on providing a mobile, flexible solution primarily for shallow-water survey projects that need fast access to high-quality marine data acquisition technology.”

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