

New DESO Sounder

ATLAS Hydrographic has introduced a new three-channel system featuring networked Windows interface with associated software, DESO 35. Available as a compact rack-mounted assembly for ease of installation, or one that can be operated direct from a PC, the system provides full-size split-screen LCD displays of port and starboard measurements, with internal data storage. Alternatively, it can produce hard copy data via a high-resolution thermal paper recorder; both facilities are supplied as flexible modular enclosures complete with swivel-mounting hardware. All channels provide optimum frequency versatility ranging from 3kHz up to 1MHz, enabling transceivers to be precisely matched to virtually any transducer. An option for adding a third acoustic channel to the standard dual-frequency configuration is also available. Very low-frequency operation down to 3kHz, with 3kW-power output enable enhanced sub-bottom penetration over depths down to 6,000m. The DESO 35 provides extensive interface flexibility, with four serial ports and a high-speed Ethernet LAN for optimum levels of data acquisition. There are also serial interfaces for motion compensators and DGPS receivers. Options such as a remote display unit, built-in DGPS/beacon receiver and single or dual-channel side-scan transducer for search and reconnaissance operations are also available.

<https://www.hydro-international.com/content/news/new-deso-sounder-2>
