

# New DESO Sounder

ATLAS Hydrographic has introduced a new advanced three-channel system featuring a networked Windows interface with associated software, DESO 35.

Available as a compact rack-mounted assembly for ease of installation or one which 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 3 kHz up to 1 MHz, enabling transceivers to be precisely matched to virtually any transducer. An option for adding a third acoustic channel to a standard dual-frequency configuration is also available. Additionally, very low frequency operation down to 3 kHz with a 3 kW 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, a built-in DGPS/beacon receiver and a single or dual-channel sidescan transducer for search and reconnaissance operations are also available.

---

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

---