

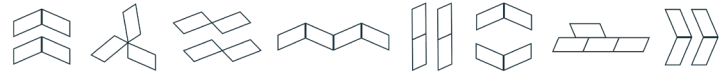
Diver Emergency Through Water Communications

Essential for any saturation diving operation

Should wired communication links be lost because of a severed umbilical then it is vital that clear and reliable communications can be made to the dive bell.

This system provides clear, long range speech capability through water. A system comprises of a surface unit and a bell unit, each with full hemispherical beam pattern and battery back-up.

Subsea, the electronics and battery are externally housed meaning no electronics or batteries within the bell.



Diver **Emergency** Through Water Communications



Advantages

- Interfaces to 350X Diver Communication System and Unscrambler
- 25 kHz SSB (standard) carrier frequencies
- Option for 8 kHz SSB ETWC system
- Option for external bell electronics and battery pack
- Remote operation from HSU desk, unscrambler output, record facility, transmit light
- No electronics or batteries within the bell
- Includes transducer + cable assembly, user manual, spare fuse

Technical Specs

3140 Submersible / Bell Unit

Acoustic Output	20 W (183.7 dB ref 1 μPa at 1 m)
Automatic Gain Control	50 dB dynamic range
Power Supply	24 VDC (5 A peak)
Wire Requirements	Power external to bell 12-way penetrator
Cabinet Material	Hard anodised aluminium
Temperature	Operating: -15 to 15 °C
Controls	Battery low indication Press-to-talk
Included in Purchase	Transducer cable assembly (7 m) Transducer User manual Spare fuse
Optional	24 VDC battery pack 24 V charger 115/230 V universal input

3136C Surface Unit

Acoustic Output	20 W (183.7 dB ref 1 μPa at 1 m)
Automatic Gain Control	50 dB dynamic range
Transducer	Hemispherical beam pattern
Supply Voltage	24 VDC (5 A peak)
Cabinet Material	19" rack mount aluminium enclosure
Dimensions	Height: 132.6 mm (3U) Width: 482.6 mm Depth: 313 mm Weight: 4.2 kg
Features	Remote operation from HSU desk Unscrambler output Record facility Transmit light
Included in Purchase	Transducer cable assembly (61 m) Transducer User manual Spare fuse