

# CTG1309-0030 OCEANTEL LIGHTWEIGHT ACOUSTIC RELEASE TRANSPONDER



OCEANTEL

The OceanTel LART - Acoustic Release Transponder is a lightweight release transponder for use in deep or shallow water. It incorporates the proven Chelsea Technologies Group standard CTG1082 Telemetry and Release electronics.

The system is contained in a standard glass sphere within a protective plastic shell. The system is self-buoyant and hence requires no additional buoyancy aids.

The OceanTel LART is commanded by the OceanTel CTG1082 Telemetry Control Unit or compatible units.

## SPECIFICATION (Lightweight Version)

<b>Model Number</b>	<b>CTG1309-0030</b>
<b>Performance:</b>	
Standard depth rating	6700m
Command Frequency	8.5kHz to 16kHz
Reply Frequency	8kHz or 12kHz
Battery Life (standby)	12 months (Lithium cells)
Safe working load	50kg (in air)
<b>Functions:</b>	
Transponder	Pulse for slant range measurement <sup>(2)</sup>
Release command	Windowed
<b>Physical:</b>	
Size	432mm dia. sphere, 610mm protective shell
Weight in air	30kg approximately
Material	Glass Sphere / Polyethylene shell
Colour	Orange
<b>External connection:</b>	(Optional) <sup>(1)</sup>
Command & Control interface (for external equipment)	8-bit Data/Command – user configurable (256 unique codes in each direction) RS232
<small>(1) Highest specification system only</small>	
<small>(2) When activated by CTG1082 Surface Unit</small>	



Lightweight Release Unit



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