

Z-Seis **TARS** multi-level receiver array is uniquely optimized for high resolution, large bandwidth crosswell acquisition

- High temperature, high pressure hydrophones specially developed by Z-Seis configured in noise canceling arrays
- High sensitivity to -196dB
- Wide Frequency Range 100Hz to 4000Hz
- Custom designed pre-amps at each level to maximize SNR
- Proprietary "acoustic window" technology protects hydrophone arrays – maximizing signal transmission
- Multiple receiver array configurations provide flexibility in acquisition
- Corrosion resistant all stainless steel construction
- Crosswell optimized spacing: Available 5ft or 10ft; or metric spacings.



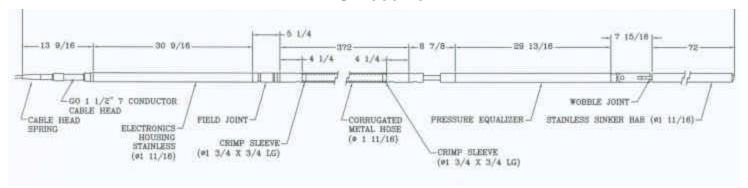
Operating Specifications

10	20
8	8
1.5 m (5 ft)	1.5 m (5 ft)
Shallow wells, and well	Medium to deep operations and
limited by rig-up height	larger well spacing.
180°C (350°F)	180°C (350°F)
68.9 MPa (10,000 psi)	68.9 MPa (10,000 psi)
42mm (1 11/16") OD	42 mm (1 11/16") OD
20.7 m (68 ft) long	36 m (118 ft) long
79.5 kg (175lbs)	113.6 kg (250lbs)
12 conductor conventional copper cable	27 conductor or 12 conductor (10 level operation)
	8 1.5 m (5 ft) Shallow wells, and well limited by rig-up height 180°C (350°F) 68.9 MPa (10,000 psi) 42mm (1 11/16") OD 20.7 m (68 ft) long 79.5 kg (175lbs) 12 conductor conventional





TARS Receiver



TARS Hydrophone Specifications

Phone type	Z-Seis TS -11-49
Sensitivity @ 200Hz	-195.5 dBV re 1MicroPa +/- 1dB @ 40°C
Sensitivity Vs Depth (loss at 10,000ft)	0.8dB
Capacitance	4249pF +/- 10% @ 40C
Temperature (survivability)	180°C (350°F)
Pressure	> 68.9 MPa (10,000 psi)

