Water Weights through it’s group companies and suppliers have a long history of supply to the Oil and Gas Industry in terms of equipment Systems and Service. One of the longest standing is the supply of sub sea load cells and transducers designed and built to withstand the corrosion, pressure and arduous conditions of temporary or permanent sub sea deployment.

Sub Sea Load Cell Types

Compression Load cells
Tension Load cells
Load Cell Shackles
Load Links
Load Pins
Umbilical Diagnostic Systems

Typical Applications

Mooring and Berthing systems
Sub Sea Chain Stopper Monitoring Load cells
TLP Tether Tension Monitoring Load cells
ROV Tether Load Pin Monitoring Systems
Riser Tension Monitoring Load cells
Sub Sea Umbilical Diagnostic Systems
Anchor Monitoring Load Cells

Typical Features

Bespoke solutions
Rated from 5 to 5000M Depth
Pressure balanced
Corrosion Resistant
Impermeable barrier filled
Wet or Dry mate connectors
Subsea Load Cell Transducers

Subsea Tether Shackles

- Tether to chain shackle Systems
- Cabled, Battery or Acoustic communication
- Multiple line systems

Electronics

- Surface control Units
- Cabled or Acoustic Modem
- Subsea Pod Based Displays
- Subsea Pod based logging
- Battery powered

Software and Data-logging

- Visualisation Software
- Graphical Representation
- Surface control units
- Process Monitoring software
- Test monitoring software
- Data Logging Systems
- Data Analysis
- Alarms and announcement

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