



# 2D/3D Seismic Data Acquisition SERVICES

## Mari Seismic Unit

Global technology,  
Local advantage

Mari Seismic Unit provides the latest and globally acclaimed seismic technology that is tried and tested in challenging geological conditions and parameters





## 2D/3D Seismic Data Acquisition

### Services

- ✓ 2D/3D/4D Vibroseis acquisitions
- ✓ 2D/3D/4D Dynamite acquisitions
- ✓ In-Field 2D/3D processing
- ✓ Up-Hole logging and Interpretation
- ✓ LVL Data Acquisition and Interpretation
- ✓ Complete Geodetic services

### Benefits

- ✓ Our competitive edge in technology and expertise
- ✓ Powerful surface systems and energy sources
- ✓ Our track record of successful operations in difficult conditions and challenging security environment



### Technical Information & Datasheet

|                                    |                                                                                                                                                                          |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Survey Equipment</b>            | Trimble R8, GNSS RTK                                                                                                                                                     |
| <b>Recording Equipment</b>         |                                                                                                                                                                          |
| Recording System                   | Sercel 508 XT & 428 XL                                                                                                                                                   |
| Sensors                            | Geophone/Marshphone Strings (Gs10) Sg10 & Hydrophones                                                                                                                    |
| Encoder/Decoder                    | SGD-S Shooting System                                                                                                                                                    |
| Onsite real time QC system         | eSQC-Pro Sercel                                                                                                                                                          |
| Data Storage                       | NAS                                                                                                                                                                      |
| <b>Source Equipment</b>            |                                                                                                                                                                          |
| Drilling/Dynamite                  | Man Portable Rigs Explo-220, EMCI France, MPR Tractor Mounted Drill Rigs, Jack Hammers Cobra Combi, Air Compressors XAVS 206C (Atlas Copco) Flush Drilling Units (Honda) |
| <b>Vibroseis</b>                   |                                                                                                                                                                          |
| Vibrators                          | Nomad 65 Vibrators Fleet - Sercel (464)                                                                                                                                  |
| <b>Refraction / Uphole Logging</b> |                                                                                                                                                                          |
| Drill Rig                          | G8 Drill Mec (150m Drill Capacity)                                                                                                                                       |
| Refraction Survey Unit             | StarataVisor                                                                                                                                                             |
| <b>Software Packages</b>           |                                                                                                                                                                          |
| GPSeismic                          | Survey QC Analysis & Database Management                                                                                                                                 |
| TBC (Trimble Business Centre)      | GNSS Data/Base Line Processing                                                                                                                                           |
| Omni 3D Design                     | Project Designing, SPS Generation & QC Checks                                                                                                                            |
| OMEGA2                             | On-site Data Processing                                                                                                                                                  |
| COPY+                              | SEGD & SEG Y Files Transfer                                                                                                                                              |
| KLSeis                             | Uphole/LVL Processing & Interpretation                                                                                                                                   |
| Testif-i                           | Instrument Test                                                                                                                                                          |
| Sandwich Box                       | Independent Vibrator QC Test System                                                                                                                                      |
| Vibraloc                           | Peak Particle Velocity Test/Vibration Monitor                                                                                                                            |
| <b>Support Equipment</b>           |                                                                                                                                                                          |
| Vehicles                           | Hino Trucks 4x4<br>ISUZU Trucks 4x4<br>Toyota Prado/Vigo/Double Cabins                                                                                                   |