

## Jaguar QC: The Satisfaction is in The Details

Clients use our field-experienced consultants for **survey planning, design, management and supervision** of 2D, 3D, 4D and 4C seismic surveys onshore, offshore and the transition zone, worldwide.



We cover **technical audits and equipment tests** for pre-survey and post-survey calibration, for both land-based and marine systems.

Jaguar personnel **conduct the validation and verification** of SEG-Y tape header information, geometry for 3D land and OBC surveys, and SEG-Y recording compliance with industry standards.

Underpinning every project involvement is Jaguar's **attention to HS&E audits** – the kind of detail that cannot be overlooked, ever. Jaguar "institutionalizes" HS&E auditing and tracking for overall contractor safety, based on the principles of ISO 14001 and performed to international standards.

Jaguar seismic acquisition quality control capabilities also underlay the **rapid development of software tools** that help maximize the reach and effectiveness of QC processes, bringing better transparency and increased management control to every project.

## In-Country Projects

- Argentina
- Bolivia
- Brazil
- Colombia
- Egypt
- Guyana
- Indonesia
- Jamaica
- Mauritania
- Mexico
- Nigeria
- Norway
- Peru
- Qatar
- Russia
- Surinam
- Turkey
- USA
- Venezuela

## Client Experience

- BOS
- BPZ
- CEPSA
- Comesa
- ConocoPhillips
- Devon
- ExxonMobil
- Fugro
- Geokinetics
- Idemitsu
- MPG
- Pan Andean Resources
- Gran Tierra
- Pacific Rubiales
- PEMEX
- Perupetro
- Petrobras
- PGS
- Pluspetrol
- Qatar Petroleum
- Repsol YPF
- Suelopetrol
- Shell
- Talisman
- Tecpetrol

## Effective Management/Control

- Land/marine survey planning and design
- Total project management
- Land/marine/transition field acquisition QC
- Survey and navigation QC
- VSP acquisition and field processing QC
- Field HSE supervision
- Software development

*QC Management Right from the Start™*

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## The World's Leading Seismic QC Company



**Established 2000** Jaguar Exploration [Jaguar] has conducted a wide range of seismic acquisition quality control projects, using all kind of acquisition equipment and located around the world in diverse environments like, jungle, mountains, desert, etc. as well as transition zones.



**Operations & Exploration** Our highly skilled seismic acquisition quality control professionals bring insight to all the acquisition quality control projects. Years of experience assure Jaguar clients that the recording product will be obtained with the best possible quality.

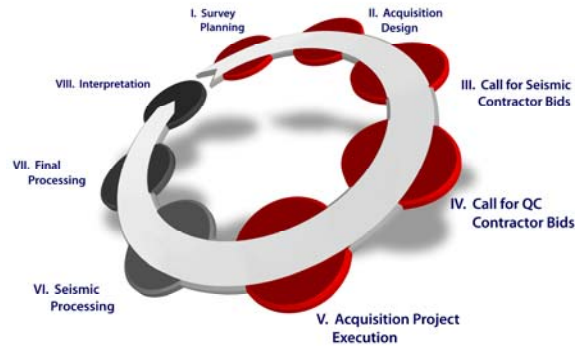
**Software** The Jaguar software division develops appropriate programs using leading-edge technology to make sure that seismic quality control will be conducted and tracked in the most efficient way to maximize the client investment.

## Quality Control for Seismic Surveys

**QC: Seismic Acquisition, Navigation, TZ and Land Surveying** Put Jaguar Exploration experience and expertise on your side: We add unique value to virtually every step of the seismic data acquisition chain, from inception to completion.

We make certain your seismic acquisition value chain is as strong as the strongest links – the ones we help you forge – and we work with you every step of the way .

## Seismic Project Value Chain



**Jaguar QC adds value to every step of your seismic data acquisition process.**



**Introducing New JagSeis®**

## Seismic Acquisition Management & Quality Control System

Jaguar Exploration presents web-enabled JagSeis® software, for more stringent Quality Control of HSE, Geodetics, Acquisition, Processing, Project Costs... and more. JagSeis® is a proprietary software that not only tracks and reports on a daily basis, but manages the oversight of HS&E compliance – the kind of detail that cannot be overlooked, ever.



**JagSeis Dashboard**

## JagSeis® Solution for Several Seismic QC Problems

1. Lack of uniform consultants' procedures increases the "failure rate" of collection processes.
2. Non-standardized, individual QC practices can result in unreliable results and multiple errors.
3. QC workers and managers' varying levels of experience frustrates efficient quality control management.
4. Supervising remotely based QC workers is difficult.
5. QC contractors have not invested in field workers' disciplined training



## Jaguar QC: Better Management Right from the Start

Jaguar knows exactly what quality problems challenge the acquisition of the best possible seismic data. Worldwide, we correct for:

- Inconsistent levels of personnel experience that can lead to poor field practices and poor report generation.
- Inconsistent onsite supervision reduces QC productivity.
- Low-quality reports that can lead to less effective management – in the field and in your office.