2013: Delivering the Transformation of the New CGG
This presentation contains forward-looking statements, including, without limitation, statements about CGG ("the Company") plans, strategies and prospects. These forward-looking statements are subject to risks and uncertainties that may change at any time, and, therefore, the Company’s actual results may differ materially from those that were expected. The Company based these forward-looking statements on its current assumptions, expectations and projections about future events. Although the Company believes that the expectations reflected in these forward-looking statements are reasonable, it is very difficult to predict the impact of known factors and it is impossible for us to anticipate all factors that could affect our proposed results. All forward-looking statements are based upon information available to the Company as of the date of this presentation. Important factors that could cause actual results to differ materially from management’s expectations are disclosed in the Company’s periodic reports and registration statements filed with the SEC and the AMF. Investors are cautioned not to place undue reliance on such forward-looking statements.
Market Trends
Market Trends

- E&P: high single digit growth expected, driven by more challenging exploration zones and increased focus on production
- Geology & Geophysics’ role becoming critical, with a growing demand for high resolution and reservoir scale seismic
- Extra demand in data content for safer drilling and completion, fracture and stress prediction, characterization of conventional and unconventional reservoirs
- Increasing impact of seismic on production strategies shifting to tight reservoir
- Sustained demand for seismic driven by higher tendering activity and licensing rounds
Seismic Equipment Market

~$ 1.9 B
2012 Est. market size

- **Land Equipment**
  - Volume linked to large megacrews projects
  - Progressive shift from land analog systems to digital systems

- **Marine Equipment**
  - Limited number of new builds
  - Replacement market

- **Stable market in a year of transition**
Acquisition Division

Marine

~$ 4.8 B
2012 Est. market size

- Largest high-end seismic fleet
- Broadband benchmark
  ✓ BroadSeis
  ✓ BroadSource™
  ✓ StagSeis™ full-azimuth
- 4D seismic solutions
- Gravity & Magnetics

Land

~$ 5.3 B*
2012 Est. market size

- Expertise in all environments
- Full suite of seismic and non-seismic techniques:
  ✓ UltraSeis™ broadband
  ✓ Reservoir Monitoring
  ✓ EM, Electrical, Gravity and Magnetics methods

Airborne

~$ 0.3 B
2012 Est. market size

- Market leader with comprehensive global offer
  ✓ Fixed-wing and helicopter platforms
  ✓ Falcon: Gravity Gradiometry
  ✓ Gryphon: multi-parameter measurement from single platform

Fugro & CGG JV

~$ 1.3 B
2012 Est. market size

- Market leader in Seabed
- 0 m to 3000 m water depth range
- 2 x 1000+ node OBN crews
- OBC operations (Sercel SeaRay®)
- Dedicated shallow water fleet
- Offshore PRM integrated solution
- Electromagnetics

* Excluding Transition Zone, Shallow Water, OBC
Geology, Geophysics & Reservoir Division

Subsurface Imaging

~$ 1.5 B
2012 Est. market size

- The most-advanced Processing & Imaging technology
- Unsurpassed local presence & unparalleled service
  ✓ Over 40 local centers, and 2,200 experts
- R&D and Innovation: over 10% of our staff

Multi-Client New Ventures

~$ 4.4 B
2012 Est. market size

- Industry’s most recent and technologically advanced data library in key basins
- Delivered data producing many of the latest large discoveries worldwide
- CGG also represents Fugro’s worldwide 3D Multi client database

Geology & Geophysics Software & Services

~$ 4.0 B
2012 Est. market size

- Leading brands in Seismic Reservoir Characterization
  ✓ Hampson-Russell
  ✓ Jason
- Integrating seismic processing with well and production data
- Rock Physics Feasibility and survey design
- Seismic to Simulation services

Technical Consulting

~$ 1.2 B
2012 Est. market size

- A leading brand in geological MC products & reports
  ✓ Robertson
- Onsite analysis and real-time petrophysics
- Sedimentology, Geochemistry, Plate & Basin modeling
- Satellite Mapping and Interpretation
- Development planning and economics

Data Management

~$ 0.5 B
2012 Est. market size

- Value-add data conditioning and intelligent storage
- Support enterprise & national-scale data management
- Integration and transition of different formats to digital data
A Transformed Company
Our New Organization

Equipment

- Full range of products and clear market leadership Onshore, Offshore and Downhole:
  - Technology leadership
  - Large installed base
  - A cornerstone for CGG integrated solutions

Acquisition

- Full range of seismic and other geophysical methods for acquisition:
  - Marine
  - Land
  - Airborne*
  - Seabed**

Geology, Geophysics & Reservoir

- Multi-Client Data Library:
  - Seismic, Grav-Mag, Geological
  - Exploration & Appraisal
  - Processing & Imaging
  - Geological Services
  - Satellite Mapping Services
  - Reservoir Software & Services
  - Data Management Services

- 9,800 Employees
- 70 locations worldwide

*Airborne will be integrated once operating licenses and administrative authorizations have been received

**Through the Seabed Geosolutions Joint Venture owned by Fugro 60% and CGG 40%
Seismic Equipment
Sercel: A Clear Leader

- A full range of products and clear market leadership offshore, onshore and downhole
- Technology leadership and significant continuous R&D commitment
- Significant installed base and outstanding customer support
- A cornerstone for integrated solutions such as BroadSeis™

- 4 million channels
- 830 Nomad vibrators
- 6,000 km streamers
Acquisition

- Delivering a full spectrum of geophysical data
- All geophysical methods
- All environments

*Seabed Geosolutions joint venture is 60%-owned by Fugro
**Airborne will be integrated once operating licenses and administrative authorizations have been received
Leading High-End Fleet

- Increased global footprint
- Increased capability
- Increased Ice-Class
- Improved Age
- Dedicated Source vessels

**HIGH CAPACITY**
10-20 streamers

- **Oceanic Sirius**
  20 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Oceanic Vega**
  20 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Geo Coral**
  16 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Geo Caspian**
  16 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Alizé**
  16 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Oceanic Endeavour**
  16 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Oceanic Phoenix**
  14 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Geo Caribbean**
  14 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Viking Vision**
  14 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Oceanic Champion**
  14 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Symphony**
  12 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Geo Celtic**
  12 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Viking Vanquish**
  12 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Oceanic Challenger**
  12 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Viking**
  10 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Bergen Surveyor**
  SOURCE

- **Geo Barents**
  SOURCE

- **Geo Atlantic**
  10 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

**VERSATILE**
3-8 streamers

- **Princess**
  4 Tow Points
  SOLID SEAL SENTINEL

- **Pacific Finder**
  4 Tow Points
  SOLID SEAL SENTINEL

- **Venturer**
  SOURCE

- **Geo Caspian**
  16 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN

- **Geo Coral**
  16 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN

- **Geo Caribbean**
  14 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN

- **Geo Celtic**
  12 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN

- **Geo Atlantic**
  10 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN

- **Geo Barents**
  SOURCE

- **Viking Vanquish**
  12 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Viking Vision**
  14 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN

- **Viking**
  10 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Bergen Surveyor**
  SOURCE

- **Geowave Voyager**
  10 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Veritas Vantage**
  10 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN

- **Viking II**
  8 Tow Points
  SOLID SEAL SENTINEL
  NAUTILUS

- **Geo Atlantic**
  10 Tow Points
  SOLID SEAL SENTINEL
  DIGIFIN
Movie of steam chamber during 6 months injection
Geology, Geophysics & Reservoir
Robertson consultancy and solutions for exploration through to production

Acknowledged leader in geological multi-client products and reports

Onsite analysis and real-time petrophysics

Comprehensive technical services
  – Sedimentology, Geochemistry and Plate & Basin modeling

Satellite Mapping and Interpretation

Static model building, simulation & history matching

Development planning and economics

Asset valuation, audit & reserve reporting
CGG Global Library: recent and well-positioned

Source: Company Data.
Reprocessed not included. Rounded figures.
Santos Basin 69,000 km²
Processing & Imaging

- The most-advanced technology
- Unsurpassed local presence & unparalleled service
- Over 40 local centers, and 2,200 experts
- R&D and Innovation: over 10% of our staff
Reservoir Services

- The leading names in Seismic Reservoir Characterization Software & Services
  - Hampson-Russell
  - Jason

- Bringing together petrophysics, modeling and seismic inversion to solve exploration and production challenges

- Seismic to Simulation studies produce accurate and predictive models

- Feasibility and survey design for broadband acquisition solutions
Data Management Services

- Transforming Data into Knowledge to accelerate your E&P decisions
- Adding value with intelligent storage & data conditioning
- Supporting enterprise & national-scale data management
- Auditing & Training
Accelerating the Transformation of the New CGG

Passion for Geoscience
CGG 2013 Revenue Trends

**Equipment**

- Total Revenue expected to remain stable in 2013
  - Timing of potential large Land projects uncertain
  - Marine sales fuelled by the ramp-up of replacement equipment market
  - Following 2010-2012 fleet upgrade, lower level of internal sales

**Acquisition**

- Marine acquisition
  - Combined fleet: 90% booked into Q1, 80% into Q2 and 65% in Q3
  - New contracts closed in line with improving market trends
  - Targeted baseline for 3D high-end fleet = 14 + 4 C Class additional vessels

- Land acquisition
  - Positionning on the high-end market
  - Circa 25% reduction in revenue due to the carve out of SWOBS activity to the Seabed Geosolutions JV

- Airborne
  - Expected to join CGG in H1

**Geology, Geophysics & Reservoir**

- Multi-client
  - Multi-client program based on:
    - continuity of IBALT in GoM
    - new basins
    - completion of the Marcellus Land program

- Robertson
  - Building global Group cross-fertilization

- Processing & Imaging
  - Strong growth expected to continue in 2013

- Reservoir Characterization
  - Increasing worldwide activity for software and services

- Data Management
  - Growth driven by higher volume of data
Delivering the Transformation of the New CGG

Building the New CGG
- A new organization and clear Integration Plan already in place for full efficiency by end H1
- Maintaining strong focus on cost base and operational excellence
- Reporting on EBIT along with three new business segments as soon as Q1 2013 to improve visibility and externalize value

Being The Partner of Choice
- Provide integrated geoscience solutions to our customers
- Operate safely and with integrity
- Strong R&D boost to accelerate innovation (next generation of products, Broadband, new algorithms, new acquisition concepts, reservoir integrated solutions, …)
- Reinforce partnerships to enter new markets

Increasing Our Return on Capital Employed
- Manage asset and business portfolio to optimize capital employed
- Focus on cash generation
- Reduce cost of debt and financial leverage

Accelerating Growth...
- People, Asset and Expertise differentiation
- Wider and integrated offering
- Strategic positioning on growth markets

... while Creating Value
- For our customers and stakeholders
- Sustained & social responsible performance
- Streamlining and financial flexibility
2013 Financial Objectives

In this year of transformation:

- Total Industrial Capex expected to be in the range of $350 - 400 million
- Multi-clients capex expected to be in the range of $350 - 400 million with a prefunding rate above 75%

CGG is well positioned to deliver:

- Revenue increase around 25%
- Improved Ebit margin
- Improved Return on Capital Employed
Thank you
Net Debt by Year-End 2012

2011 Net Debt: $1,411m
2012 Net Debt: $1,410m

Capital Increase: $524m (including fees)
Oceane 2019: $468m (including fees)
Oceane 2019 Debt Component: $367m (including fees)
2012 Net Debt Actual: $785m
Fugro Geoscience Division Acquisition: $1,320m (including transaction costs)
2012 Proforma Net Debt: $2,105m

Financing Fugro Operation

5.4 years maturity by Year-end 2012
36% Net Debt/Equity ratio without Fugro
47% Proforma Net Debt/Equity ratio
Balance Sheet: Capital Employed as End of December 2012

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goodwill</td>
<td>$2,416m</td>
</tr>
<tr>
<td>MC Library</td>
<td>$604m</td>
</tr>
<tr>
<td>Net Fixed Assets</td>
<td>$1,574m</td>
</tr>
<tr>
<td>Net Current Assets</td>
<td>$784m</td>
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<tr>
<td><strong>Capital Employed</strong></td>
<td><strong>$5,377m</strong></td>
</tr>
<tr>
<td><strong>Net Debt</strong></td>
<td>$785m</td>
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<tr>
<td><strong>Equity</strong></td>
<td>$4,493m</td>
</tr>
<tr>
<td><strong>Financing</strong></td>
<td>$99m</td>
</tr>
<tr>
<td><strong>Minority Interests</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Fugro Impact $584m</strong></td>
<td></td>
</tr>
</tbody>
</table>