Third Quarter 2018 Results
Earnings Presentation
Cautionary Statement

• This presentation contains forward looking information

• Forward looking information is based on management assumptions and analysis

• Actual experience may differ, and those differences may be material

• Forward looking information is subject to significant uncertainties and risks as they relate to events and/or circumstances in the future

• This presentation must be read in conjunction with the press release for the second quarter and first half 2018 results and the disclosures therein

• Petroleum Geo-Services ASA and its subsidiaries (“PGS” or “the Company”) has implemented the new revenue recognition standard, IFRS 15, as the Company’s external financial reporting method. This change impacts the timing of revenue recognition for MultiClient pre-funding revenues and related amortization. PGS will for internal management purposes continue to use the revenue recognition principles applied in previous periods, which are based on percentage of completion, and use this for numbers disclosed as Segment Reporting. See Note 14 of the Q3 2018 earnings release for definitions of terms. See Note 16 of the Q3 2018 earnings release for a description of the change in revenue recognition resulting from the implementation of IFRS 15. PGS will not restate prior periods.
Q3 Highlights:
Investing in MultiClient Growth

- Segment Revenues of USD 192.1 million
  - EBITDA of USD 132.8 million

- Expanding the MultiClient library:
  - MultiClient cash investment of USD 101.9 million
  - Will harvest from these investments in a strengthening market

- Leads for Q4 MultiClient late sales better than for many years

- Fundamentals improving:
  - Strong oil price
  - Improved cash flow amongst clients
  - Highest value of bids and leads in more than 3.5 years
  - 28% year-to-date increase of Segment MultiClient revenues
Financial Summary

Segment Revenues

Segment EBITDA*

Segment EBIT**

Cash Flow from Operations

*EBITDA, when used by the Company, means EBIT excluding Other charges, impairment and loss/gain on sale of long-term assets and depreciation and amortization as defined in Note 14 of the Q3 2018 earnings release.

**Excluding impairments and Other charges.
Order Book

- Order book of USD 144 million by end Q3 2018

- 3D vessel booking for next three quarters of 34 vessel months*
  - Q4 18: 15 vessel months
  - Q1 19: 14 vessel months
  - Q2 19: 5 vessel months

- Large opportunity pipeline

- We have experienced delays in formalizing Q4 18 projects
  - Slowness expected to be temporary
  - Will operate six vessels in Q4
  - Will incur idle time in Q4, due to late commencement of some projects

*As of October 16, 2018.
Financials
Unaudited Third Quarter 2018 Results
### Consolidated Key Financial Figures

<table>
<thead>
<tr>
<th></th>
<th>Q3 2018</th>
<th>Q3 2017</th>
<th>Nine months 2018</th>
<th>Nine months 2017</th>
<th>Full year 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Profit and loss numbers Segment Reporting</strong>*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Segment revenues</td>
<td>192.1</td>
<td>207.6</td>
<td>589.3</td>
<td>602.9</td>
<td>838.8</td>
</tr>
<tr>
<td>Segment EBITDA</td>
<td>132.8</td>
<td>108.6</td>
<td>361.2</td>
<td>251.3</td>
<td>374.1</td>
</tr>
<tr>
<td>Segment EBIT ex. Impairment and other charges, net</td>
<td>(2.7)</td>
<td>(30.4)</td>
<td>(11.8)</td>
<td>(122.6)</td>
<td>(147.1)</td>
</tr>
<tr>
<td><strong>Profit and loss numbers As Reported under IFRS 15</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revenues</td>
<td>163.4</td>
<td>207.6</td>
<td>604.5</td>
<td>602.9</td>
<td>838.8</td>
</tr>
<tr>
<td>EBIT</td>
<td>(10.4)</td>
<td>(113.3)</td>
<td>12.9</td>
<td>(224.4)</td>
<td>(383.6)</td>
</tr>
<tr>
<td>Net financial items</td>
<td>(18.2)</td>
<td>(22.8)</td>
<td>(56.2)</td>
<td>(52.2)</td>
<td>(84.5)</td>
</tr>
<tr>
<td>Income (loss) before income tax expense</td>
<td>(28.7)</td>
<td>(136.1)</td>
<td>(43.3)</td>
<td>(276.6)</td>
<td>(468.2)</td>
</tr>
<tr>
<td>Income tax expense</td>
<td>(6.8)</td>
<td>(53.7)</td>
<td>(21.2)</td>
<td>(51.9)</td>
<td>(55.2)</td>
</tr>
<tr>
<td>Net income (loss) to equity holders</td>
<td>(35.4)</td>
<td>(189.9)</td>
<td>(64.5)</td>
<td>(328.6)</td>
<td>(523.4)</td>
</tr>
<tr>
<td>Basic earnings per share ($ per share)</td>
<td>($0.10)</td>
<td>($0.56)</td>
<td>($0.19)</td>
<td>($0.97)</td>
<td>($1.55)</td>
</tr>
<tr>
<td><strong>Other key numbers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net cash provided by operating activities</td>
<td>133.3</td>
<td>118.4</td>
<td>328.6</td>
<td>197.8</td>
<td>281.8</td>
</tr>
<tr>
<td>Cash Investment in MultiClient library</td>
<td>(101.9)</td>
<td>(82.0)</td>
<td>(236.9)</td>
<td>(159.4)</td>
<td>(213.4)</td>
</tr>
<tr>
<td>Capital expenditures (whether paid or not)</td>
<td>(14.1)</td>
<td>(16.6)</td>
<td>(26.4)</td>
<td>(131.1)</td>
<td>(154.5)</td>
</tr>
<tr>
<td>Total assets</td>
<td>2,397.0</td>
<td>2,644.3</td>
<td>2,397.0</td>
<td>2,644.3</td>
<td>2,482.8</td>
</tr>
<tr>
<td>Cash and cash equivalents</td>
<td>44.4</td>
<td>24.2</td>
<td>44.4</td>
<td>24.2</td>
<td>47.3</td>
</tr>
<tr>
<td>Net interest bearing debt</td>
<td>1,149.0</td>
<td>1,113.2</td>
<td>1,149.0</td>
<td>1,113.2</td>
<td>1,139.4</td>
</tr>
</tbody>
</table>

* For definition of Segment Reporting numbers see Note 14 of the unaudited third quarter 2018 results, released on October 18, 2018.

The accompanying unaudited financial information has been prepared under IFRS. This information should be read in conjunction with the unaudited third quarter 2018 results, released on October 18, 2018.
Q3 2018 Operational Highlights

Total Segment MultiClient revenues of USD 151.7 million
- Pre-funding revenues of USD 95.7 million
- Pre-funding level of 94% on USD 101.9 million of MultiClient cash investment
- Late sales revenues of USD 56.0 million

Contract revenues of USD 34.3 million
- Low capacity allocation to contract
Pre-funding and Late Sales Revenues Combined:

**Segment MultiClient Revenues per Region**

- Q3 2018 pre-funding revenues driven by North America, Europe and South America
- Late sales revenues dominated by Europe
EBITDA, when used by the Company, means EBIT excluding Other charges, impairment and loss/gain on sale of long-term assets and depreciation and amortization as defined in Note 14 of the Q3 2018 earnings release. This information should be read in conjunction with the unaudited third quarter 2018 results released on October 18, 2018.

<table>
<thead>
<tr>
<th>USD million</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q3</td>
<td>Q2</td>
</tr>
<tr>
<td>Contract revenues</td>
<td>34.3</td>
<td>29.7</td>
</tr>
<tr>
<td>MultiClient Pre-funding</td>
<td>95.7</td>
<td>94.0</td>
</tr>
<tr>
<td>MultiClient Late sales</td>
<td>56.0</td>
<td>68.7</td>
</tr>
<tr>
<td>Imaging</td>
<td>6.1</td>
<td>6.7</td>
</tr>
<tr>
<td>Other</td>
<td>0.0</td>
<td>0.3</td>
</tr>
<tr>
<td>Total Revenues</td>
<td>192.1</td>
<td>199.4</td>
</tr>
<tr>
<td>Operating cost</td>
<td>(59.3)</td>
<td>(63.4)</td>
</tr>
<tr>
<td>EBITDA*</td>
<td>132.8</td>
<td>136.0</td>
</tr>
<tr>
<td>MultiClient amortization</td>
<td>(112.3)</td>
<td>(104.6)</td>
</tr>
<tr>
<td>Depreciation and amortization of long-term assets (excl. MC library)</td>
<td>(23.3)</td>
<td>(17.8)</td>
</tr>
<tr>
<td>Impairment and loss on sale of long-term assets (excl. MC library)</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>EBIT</td>
<td>(2.7)</td>
<td>13.6</td>
</tr>
<tr>
<td>CAPEX, whether paid or not</td>
<td>(14.1)</td>
<td>(8.3)</td>
</tr>
<tr>
<td>Cash investment in MultiClient</td>
<td>(101.9)</td>
<td>(81.3)</td>
</tr>
<tr>
<td>Order book</td>
<td>144</td>
<td>187</td>
</tr>
</tbody>
</table>

* EBITDA, when used by the Company, means EBIT excluding Other charges, impairment and loss/gain on sale of long-term assets and depreciation and amortization as defined in Note 14 of the Q3 2018 earnings release.
Seismic Streamer 3D Fleet Activity in Streamer Months:

**Vessel Utilization***

- 87% active vessel time in Q3 2018
- Will incur some idle time in Q4
- Approximately 60% of active 3D vessel time planned for contract work in Q4

* The vessel allocation excludes cold-stacked vessels.
Gross cash costs are defined as the sum of reported net operating expenses (excluding depreciation, amortization, impairments, deferred steaming and Other charges) and the cash operating costs capitalized as investments in the MultiClient library as well as capitalized development costs.

Following the reorganization of PGS, effective January 1, 2018, more office facility and sales costs are classified as "Selling, general and administrative costs."

- Graph shows gross cash costs excluding the effect of steaming deferral
  - A better measure of actual quarterly cost
- Q3 18 gross cash cost 15% lower than in Q3 17
- Q4 18 gross cash costs expected to be lower due to less vessel capacity in operation
- Full year gross cost estimate based on six vessels in Q4

Full year 2018 gross cash costs expected to be approximately USD 600 million

*Gross cash costs are defined as the sum of reported net operating expenses (excluding depreciation, amortization, impairments, deferred steaming and Other charges) and the cash operating costs capitalized as investments in the MultiClient library as well as capitalized development costs. Following the reorganization of PGS, effective January 1, 2018, more office facility and sales costs are classified as "Selling, general and administrative costs."
### Consolidated Statements of Cash Flows Summary

**• Cash flow from operating activities of USD 133.3 million in Q3 2018**
- Improvement from Q3 2017 driven by higher earnings as a result of more MultiClient activity
- Impacted by USD 6.4 million payment of severance and other restructuring provisions made in Q4 2017 (USD 33.2 million year-to-date)

**• Planning for positive cash flow after debt service in 2018¹**

¹The financial target of being cash flow positive after debt service excludes payments relating to severance and other restructuring provisions made in Q4 2017 as well as drawings/repayments on the RCF.

The accompanying unaudited financial information has been prepared under IFRS. This information should be read in conjunction with the unaudited third quarter 2018 results released October 18, 2018.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash provided by operating activities</td>
<td>133.3</td>
<td>118.4</td>
<td>328.6</td>
<td>197.8</td>
<td>281.8</td>
</tr>
<tr>
<td>Investment in MultiClient library</td>
<td>(101.9)</td>
<td>(82.0)</td>
<td>(236.9)</td>
<td>(159.4)</td>
<td>(213.4)</td>
</tr>
<tr>
<td>Capital expenditures</td>
<td>(14.9)</td>
<td>(9.3)</td>
<td>(35.9)</td>
<td>(134.0)</td>
<td>(148.8)</td>
</tr>
<tr>
<td>Other investing activities</td>
<td>(5.5)</td>
<td>(8.7)</td>
<td>(20.0)</td>
<td>9.1</td>
<td>62.1</td>
</tr>
<tr>
<td><strong>Net cash flow before financing activities</strong></td>
<td>11.0</td>
<td>18.4</td>
<td>35.8</td>
<td>(86.5)</td>
<td>(18.3)</td>
</tr>
<tr>
<td>Financing activities</td>
<td>9.0</td>
<td>(47.6)</td>
<td>(38.7)</td>
<td>48.9</td>
<td>3.8</td>
</tr>
<tr>
<td><strong>Net increase (decr.) in cash and cash equiv.</strong></td>
<td>20.1</td>
<td>(29.1)</td>
<td>(2.9)</td>
<td>(37.5)</td>
<td>(14.4)</td>
</tr>
<tr>
<td>Cash and cash equiv. at beginning of period</td>
<td>24.4</td>
<td>53.3</td>
<td>47.3</td>
<td>61.7</td>
<td>61.7</td>
</tr>
<tr>
<td><strong>Cash and cash equiv. at end of period</strong></td>
<td>44.4</td>
<td>24.2</td>
<td>44.4</td>
<td>24.2</td>
<td>47.3</td>
</tr>
</tbody>
</table>

- The table above summarizes the cash flows for Q3 and the nine months ended Q3 2018 and 2017, as well as the full year 2017.
Balance Sheet Key Numbers

<table>
<thead>
<tr>
<th>USD million</th>
<th>September 30 2018</th>
<th>September 30 2017</th>
<th>Opening balance 01.01.2018</th>
<th>December 31 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total assets</td>
<td>2,397.2</td>
<td>2,644.3</td>
<td>2,567.6</td>
<td>2,482.8</td>
</tr>
<tr>
<td>MultiClient Library</td>
<td>709.3</td>
<td>566.1</td>
<td>668.0</td>
<td>512.3</td>
</tr>
<tr>
<td>Shareholders' equity</td>
<td>749.7</td>
<td>1,077.1</td>
<td>804.2</td>
<td>879.5</td>
</tr>
<tr>
<td>Cash and cash equivalents (unrestricted)</td>
<td>44.4</td>
<td>24.2</td>
<td>47.3</td>
<td>47.3</td>
</tr>
<tr>
<td>Restricted cash</td>
<td>42.4</td>
<td>114.7</td>
<td>43.3</td>
<td>43.3</td>
</tr>
<tr>
<td>Liquidity reserve</td>
<td>159.5</td>
<td>224.2</td>
<td>257.3</td>
<td>257.3</td>
</tr>
<tr>
<td>Gross interest bearing debt</td>
<td>1,235.9</td>
<td>1,252.1</td>
<td>1,229.5</td>
<td>1,229.5</td>
</tr>
<tr>
<td>Net interest bearing debt</td>
<td>1,149.0</td>
<td>1,113.5</td>
<td>1,139.4</td>
<td>1,139.4</td>
</tr>
</tbody>
</table>

- **Liquidity reserve of USD 159.5 million**
  - In September the RCF was reduced from USD 400 million to USD 350 million in accordance with the extension and amendment of the facility agreed in November 2016

- **Balance sheet restated January 1, 2018 due to IFRS 15**
  - Carrying value of MultiClient surveys in progress increased by USD 155.7 million
  - Accrued revenues and other receivables decreased by USD 70.9 million, and deferred revenues increased by USD 160.1 million
  - Shareholders’ equity decreased by USD 75.3 million

The accompanying unaudited financial information has been prepared under IFRS. This information should be read in conjunction with the unaudited third quarter 2018 results released on October 18, 2018.
Good Headroom to Maintenance Covenant

• Substantial reduction of Total Leverage Ratio (“TLR”) during 2017 and year-to-date 2018
  – Significant headroom to required level

• TLR of 2.75 as of September 30, 2018, compared to 4.34:1 as of September 30, 2017

• Expect to be in compliance going forward
## Summary of Debt and Drawing Facilities

### Debt and facilities as of September 30, 2018:

<table>
<thead>
<tr>
<th>Long-term Credit Lines and Interest Bearing Debt</th>
<th>Nominal Amount</th>
<th>Total Credit Line</th>
<th>Financial Covenants</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD 400.0m TLB, due 2021 Libor (minimum 0.75%) + 250 bps</td>
<td>USD 382.0m</td>
<td>USD 382.0m</td>
<td>None, but incurrence test: total leverage ratio ≤ 3.00x*</td>
</tr>
<tr>
<td>Revolving credit facility (&quot;RCF&quot;), due 2020 Libor + margin of 325-625 bps (linked to TLR) + utilization fee</td>
<td>USD 235.0m</td>
<td>USD 350.0m</td>
<td>Maintenance covenant: total leverage ratio 4.25x Q1-18, thereafter reduced by 0.25x each quarter to 2.75x by Q3-19</td>
</tr>
<tr>
<td>Japanese ECF, 12 year with semi-annual instalments, 50% fixed/ 50% floating interest rate</td>
<td>USD 380.9m</td>
<td>USD 380.9m</td>
<td>None, but incurrence test for loan 3&amp;4: Total leverage ratio ≤ 3.00x* and Interest coverage ratio ≥ 2.0x*</td>
</tr>
<tr>
<td>December 2020 Senior Notes, coupon of 7.375%</td>
<td>USD 212.0m</td>
<td>USD 212.0m</td>
<td>None, but incurrence test: Interest coverage ratio ≥ 2.0x*</td>
</tr>
<tr>
<td>December 2018 Senior Notes, coupon of 7.375%</td>
<td>USD 26.0m</td>
<td>USD 26.0m</td>
<td>None</td>
</tr>
</tbody>
</table>

*Carve out for drawings under ECF and RCF

### Debt maturity profile:
Operational Update and Market Comments
Unaudited Third Quarter 2018 Results
Streamer Operations October 2018

- Ramform Sovereign (Angola)
- Sanco Swift (Norway – winter warm stack)
- Ramform Sterling (Spain – winter warm stack)
- Sanco Atlantic 2D (Egypt)
- Ramform Tethys (Steaming)
- Ramform Hyperion (Canary Islands)
- Ramform Titan (Equatorial Guinea)
- Ramform Sovereign (Angola)
- PGS Apollo (Yard stay Singapore)
Marine Seismic Market Outlook

- Higher oil price, improved cash flow among oil companies and an exceptionally low oil and gas discovery rate are benefitting marine 3D seismic market fundamentals

- Value of bids and leads for contract work at highest level for more than 3.5 years
  - Clear signs of improvement for marine contract
  - Achieved higher prices and margins year-to-date, compared to same period last year

- Solid increase in MultiClient sales compared to last year
  - Leads for Q4 MultiClient late sales better than for many years
Seismic Market Activity

- Value of Sales Leads and Active Tenders continues to rise
  - Recent increase driven by West Africa and South America
  - Increasing number of bids for 2019 Europe season

- Volume of acquired marine 3D seismic is expected to be higher in 2018 vs. 2017
  - Somewhat weaker expected vessel utilization in Q4 reduces the estimated overall 2018 volume

*Internal estimates as of September 30, 2018.*
2018 Guidance

• Group gross cash costs of ~USD 600 million
  – Of which ~USD 285 million to be capitalized as MultiClient cash investments

• MultiClient cash investments ~USD 285 million
  – ~65% of 2018 active 3D vessel time allocated to MultiClient

• Capital expenditure of ~USD 40 million
Q3 in Conclusion:

Expanding the MultiClient Data Library

- Invested more than USD 100 million in attractive MultiClient projects and continued to expand on the MultiClient data library

- Achieved higher prices and margins for contract work year-to-date compared to same period last year

- Weak order book development during the quarter
  - PGS market view unchanged owing to improving fundamentals

- Tight overall cost control remains a priority
## Appendix

### Main Yard Stays* Next Six Months

<table>
<thead>
<tr>
<th>Vessel</th>
<th>When</th>
<th>Expected Duration</th>
<th>Type of Yard Stay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ramform Atlas</td>
<td>Q4 2018</td>
<td>7 days</td>
<td>Main class and technical yard</td>
</tr>
<tr>
<td>Apollo</td>
<td>Q4 2018</td>
<td>12 days</td>
<td>Major engine overhaul</td>
</tr>
<tr>
<td>Ramform Sterling</td>
<td>Q1 2019</td>
<td>22 days</td>
<td>Main class and technical yard</td>
</tr>
</tbody>
</table>

*Yard stays are subject to changes.
Appendix

RAMFORM Titan-Class

Lifespan
Setting the benchmark for this generation of seismic vessels and the next.

Gamform Facts

Stability
The Titan design ensures better performance and room for growth. The ultra-broad delta shaped hull provides fantastic seakeeping capabilities and also means a smooth ride.

Endurance
120 days without re-fueling.
Dry docking interval 7.5 years.
Maintenance at sea lowers operating costs.

Wire Pull @ 4.5 kts
This measures towing force through the water and is a more realistic representation of towing capability than ballast pull (100 tons).

Space = Flexibility
Three times larger than modern conventional vessels, the Titans offer a highly efficient work environment with ample space for equipment, maintenance and accommodation.

Fuel Capacity
Providing flexibility and endurance.

Power
Additional power enables more in-sea and onboard equipment.

Towing & Handling
24 rem and streamer capacity and back deck automation provides flexibility, rapid deployment and safe retrieval.

Reliable Results

Downtime

HSEQ
Layout and design improve health, safety, environment and quality.

Safety
Stability platform minimizes risk of fatigue, trips and falls.
Space to work, redundancy in power and propulsion.
2 stern-launched workboats, back-deck automation.

Health
Social zones, gym, stability - rested crews perform better.

Environment
Larger spreads and faster turnaround mean fewer days on each job and leaves a smaller environmental footprint.

Quality
Superior platform to deploy the best dual-sensor technology - 100% GeoStreamer. Equipped with streamer and source steering.

Size + Power = Flexibility

Titan-class vessels cover all the bases from highly efficient reconnaissance exploration surveys to the detailed resolution required for 4D production seismic.

Records

Rapid Deployment
16 streamers (each 8.1 km) safely deployed in just 72 hours.

Largest Spread
12.6 km of active streamer was towed with a 1x8 8.1 km configuration in the Mediterranean.

Fast Acquisition
Highest production 17.5 sq.km in a day (average for this survey = 13.9 sq.km/day).

No Compromise
Appendix

GeoStreamer

Dual Sensors
Complementary recordings facilitate deghosting by wavefield separation at all water depths.

Prestack Deghosting — More Options
Deghosting using dual-sensor measurements with their complementary ghost spectra eliminates frequency gaps, and provides access to separate wavefield components for advanced processes like PGS-SWM, FWI and Reflection Tomography.

Deep Tow
- Better signal, less noise
- More low and high frequencies
- Less weather dependent

Flexible Tow Depth
Dual-sensor recording enables us to re-datum the pressure wavefield to any depth. Towing depth can be adjusted in response to shallow obstacles, currents, thermoclines or to optimize operational performance without any negative impact on data quality.

Broadband Bandwidth — Sharper Boundaries
Rich low frequency content reduces side-lobe artifacts, providing clearer reservoir details.

De-risking with Precise Rock Properties
GeoStreamer prestack deghosting provides reliable attributes for better understanding of rock and fluid distribution. Improved attribute computations reduce uncertainty and enable more precise estimation of reserves.

Experience that counts
600,000 KM²
acquired worldwide

Since 2007

Monitoring Reservoir Changes
Wavefield reconstruction enables high repeatability for both legacy surveys and future 4D monitoring independent of sea state. This reveals more subtle production-related changes.

Proven in all Play Types
- SUB-SALT Improved signal recovery and amplitude characterization.
- SUB-BASALT Cleaner sub-basalt imaging and intra-basalt layer definition.
- CLASTICS Reliable reservoir properties without the need for well control.
- CARBONATES Detailed mapping of internal structure and better petrology prediction.
- IMPACTS Resolution of complicated geometries and identification of true geological Impedance boundaries.
Acquisition Solutions

Ramform + GeoStreamer = Efficiency + Quality

The unique combination of GeoStreamer® technology and Ramform® vessels delivers a premium imaging product to locate and define your prospect.

Better Image Quality
Dual sensors combined with having the streamers deep, 3D spread control, source steering, continuous recording and the ability to tow dense streamer spreads, all contribute to subsurface images of greater clarity, accuracy and reliability.

Reduced Survey Time
Faster turnaround time means less exposure to weather and faster access to data. We minimize the time it takes to complete a survey using 3D spread control, source steering, continuous recording, flexible tow depth and barnacle mitigation.

Hydrophone
Motion Sensor

Dual Sensors
- Wavefield separation
- Better signal-to-noise
- Tow depth independent
- True broadband

Dense Spreads
- Better receiver sampling
- Increased 3D/4D resolution
- Improved 4D repeatability

Flexible Tow Depth
- Less weather impact
- Maximum drag - maximum efficiency
- Survey compatibility
- Increased 4D resolution

3D Spread Control
- Inflatable management
- Efficient deployment & recovery
- Improved 4D repeatability

Source Steering
- Inflatable management
- Efficient deployment & recovery
- Improved 4D repeatability

Continuous Recording
- Improved source sampling
- Increased vessel speed
- Flexible record length

Define Challenge and Select Technology

Tailored acquisition geometries make it easier to solve imaging challenges. Subsurface complexity and geophysical objectives determine the acquisition and imaging solutions to produce the best quality images in the most effective way.

Survey Versatility
Our fleet is capable of covering all the basins from highly efficient exploration surveys to detailed 4D production surveys.

Leading the Industry

QUALITY
EFFICIENCY
RELIABILITY
VERSATILITY
PERFORMANCE
INNOVATION