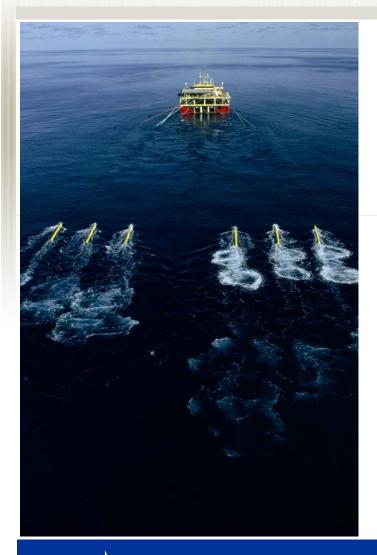




- This presentation contains forward looking information
- Forward looking information is based on management assumptions and analyses
- Actual experience may differ, and those differences may be material
- Forward looking information is subject to significant uncertainties and risks as they relate to events and/or circumstances in the future
- This presentation must be read in conjunction with the press release for the Q1 2010 results and the disclosures therein

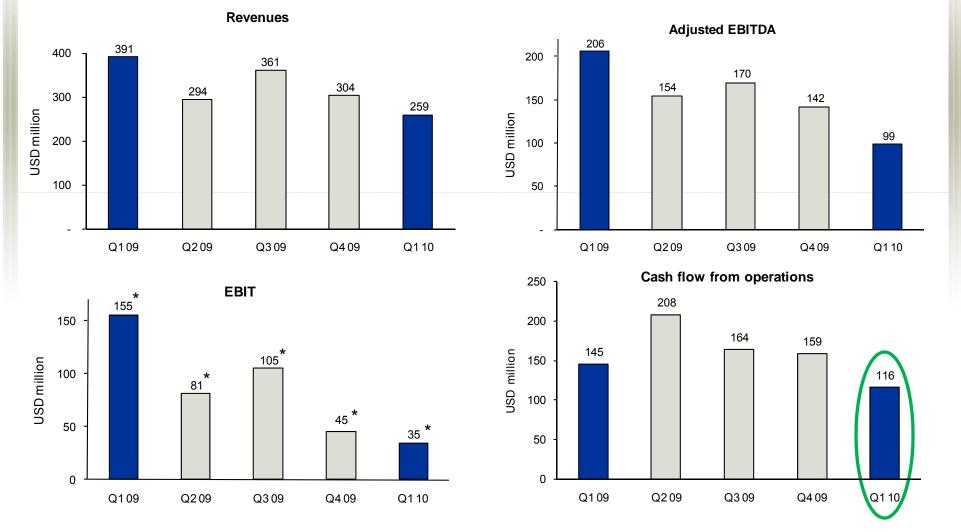
S GeoStreamer® Improves Margins



- Q1 2010 earnings
 - EBITDA of USD 99.3 million
 - Increasing share of GeoStreamer® with price uplifts
 - Strong vessel utilization and performance
 - Low Marine cost
 - Net debt reduced to USD 537.4 million
- Almost all 2010 GeoStreamer® capacity sold
- Bidding activity increasing however with price pressure on conventional streamer capacity
- PGS Apollo delivered
- Successfully completed the disposal of Onshore
- Organizational changes for future growth

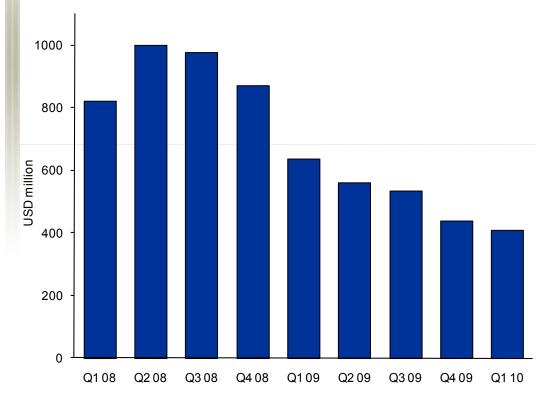
2010 guidance maintained with EBITDA upside

Financial Summary – Continuing Business



*Excluding impairments of USD 0.5 million in Q1 10, USD 2.4 million in Q4, USD 52.4 million in Q3, USD 48.2 million in Q2 and USD 50.6 million in Q1 2009. Adjusted EBITDA, when used by the Company, means income before income tax expense (benefit) less, currency exchange gain (loss), other financial expense, other financial income, interest expense, income (loss) from associated companies, impairments of long-lived assets and depreciation and amortization.





Marine order book (including DP)

- Order book of USD 409 million
- Status as of end April:
 - Booking visibility of approximately 6 months
 - Direct awards increasing substantially due to GeoStreamer® demand
 - Easier to build order book for GeoStreamer® capacity than conventional capacity

Achieving price premium on GeoStreamer® capacity



Petroleum Geo-Services ASA

Petroleum Geo-Services ASA

Financials

Unaudited First Quarter 2010 Results

PGS Consolidated Statements of Operations Summary

	2010	2009	
USD million (except per share data)	Q1	Q1	Q4
Revenues	259.4	390.8	303.7
Adjusted EBITDA*	99.3	206.3	141.5
Operating profit (EBIT) excluding special items**	34.8	155.2	45.5
Operating profit (EBIT)	34.2	104.6	43.0
Net financial items	(19.3)	(14.9)	(13.2)
Income (loss) before income tax expense	14.9	89.7	29.9
Income tax expense (benefit)	4.9	28.0	3.6
Net income to equity holders	16.2	54.2	22.9
EPS basic	\$0.08	\$0.31	\$0.11
EPS diluted	\$0.08	\$0.31	\$0.11
EBITDA margin*	38.3 %	52.8 %	46.6 %
EBIT margin**	13.4 %	39.7 %	15.0 %

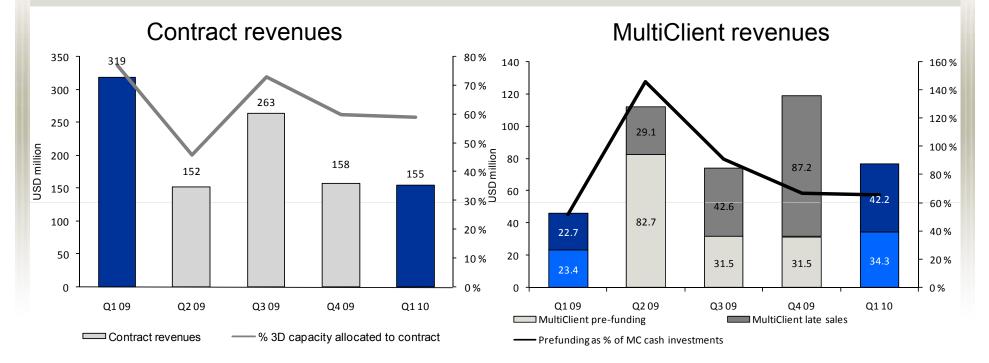
• Q1 2010 net financials items impacted by a currency loss of USD 10.2 million as a result of USD appreciating against NOK, EUR and GBP in the quarter

^{*} Adjusted EBITDA, when used by the Company, means income before income tax expense (benefit) less, currency exchange gain (loss), other financial expense, other financial income, interest expense, income (loss) from associated companies, impairments of long-lived assets and depreciation and amortization.

^{**} Excluding impairments of USD 0.5 million in Q1 2010, USD 50.6 million in Q1 2009 and 2.4 million in Q4 2009.

The accompanying unaudited financial information has been prepared under IFRS. This information should be read in conjunction with the unaudited first quarter 2010 results released on April 30, 2010. -7-

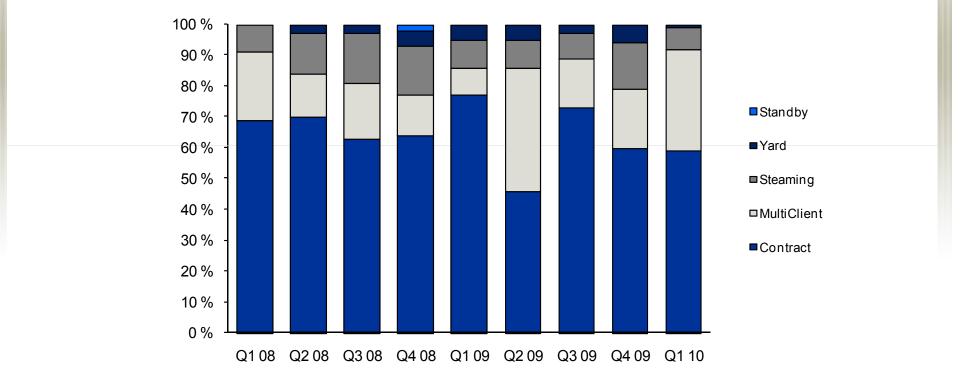
PGS Marine – Q1 Highlights



- MultiClient late sales, up 86% from Q1 2009
- Marine contract EBIT margin of 23% in Q1 2010, compared to 12% in Q4 2009 and 53% in Q1 2009
- External Data Processing revenues of USD 23.2 million, compared to USD 20.6 million in Q1 2009

Marine Vessel Utilization

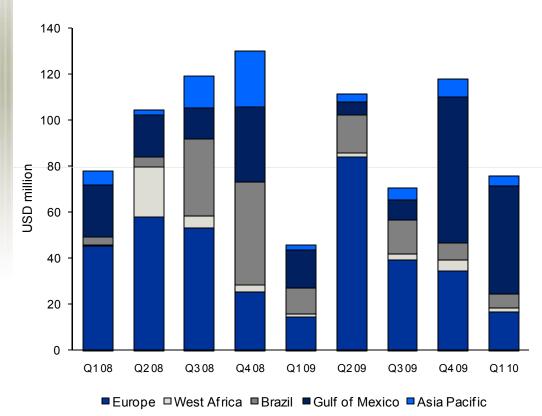
Seismic Streamer 3D Fleet Activity in Streamer Months



High Q1 2010 vessel utilization of 92%

Marine MultiClient Revenues per Region

Pre-funding and Late Sales Revenues Combined



- Q1 MultiClient pre-funding revenues primarily from Crystal III in the Gulf of Mexico
- Strong Gulf of Mexico and Europe late sales in Q1
- 33% of total 3D capacity used for MultiClient in Q1 2010, compared to 9% in Q1 2009
- Pre-funding ratio for the full year 2010 is increasing

Pre-funding in percent of MC cash investments was 66% in Q1 2010



PGS Marine - Key Figures

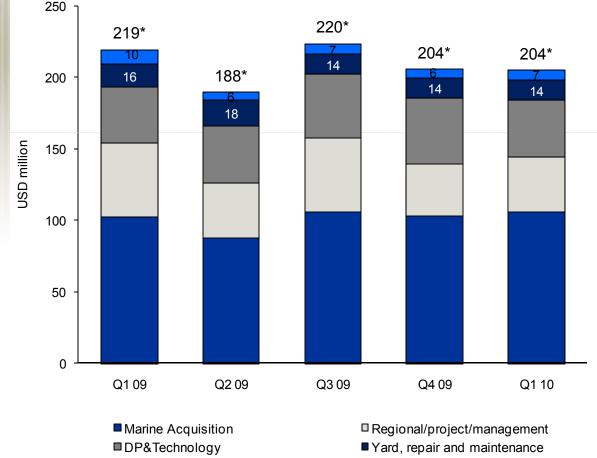
	2010	2009			
USD million	Q1	Q4	Q3	Q2	Q1
Contract revenues	155.4	158.2	263.3	152.3	319.3
Total MC revenues	76.5	118.7	74.1	111.7	46.2
Processing and other revenues	26.4	26.3	24.1	30.3	25.3
Total Revenues	258.3	303.2	361.5	294.3	390.8
Operating cost	(152.0)	(156.6)	(185.4)	(131.2)	(174.2)
Adjusted EBITDA	106.3	146.6	176.1	163.1	216.6
Depreciation	(27.0)	(31.4)	(33.7)	(25.5)	(31.8)
MultiClient amortization	(34.8)	(61.4)	(28.8)	(45.3)	(16.1)
EBIT*	44.6	53.8	113.6	92.3	168.7
CAPEX**	(46.5)	(41.0)	(39.1)	(55.9)	(91.8)
Cash investment in MultiClient	(52.1)	(47.1)	(34.4)	(56.7)	(44.8)
Order book Marine	409	438	533	559	636

*Excluding impairments of long-lived assets of USD 0.5 million in Q1 2010, 2.0 million in Q4 2009, USD 52.4 million in Q3 2009, USD 48.2 million in Q2 2009 and 50.6 million in Q1 2009.

**Capex for Q3 2009 includes USD 26.2 million from Ramform Sterling's final installment, payment made July 1, 2009.

The accompanying unaudited financial information has been prepared under IFRS. This information should be read in conjunction with the unaudited first guarter 2010 results released on April 30, 2010.

Adjusted EBITDA, when used by the Company, means income before income tax expense (benefit) less, currency exchange gain (loss), other financial expense, other financial income, interest expense, income (loss) from associated companies, impairments of long-lived assets and depreciation and amortization. -11GS Marine Cost* Development



 Flat cost development from Q4 2009

- Reduction from Q1 2009
 - Primarily due to general cost reductions and lower project related costs
 - Partially offset by weaker USD and higher fuel prices

* Amounts show the sum of operating cost and capitalized MultiClient cash investment.

Leased in vessels

PGS Consolidated Statements of Cash Flows Summary

	Quarter ended March 31		
USD million	2010	2009	
Cash provided by operating act.	115.5	145.4	
Investment in MultiClient library	(52.1)	(44.8)	
Capital expenditures	(47.9)	(93.7)	
Other investing activities	219.7	(4.2)	
Financing activities	(10.6)	3.8	
Net increase (decr.) in cash and cash equiv.	224.6	6.5	
Cash and cash equiv. at beginning of period	126.0	95.2	
Cash and cash equiv. at end of period	350.6	101.7	

- Strong Q1 working capital development, primarily as a result of customer prepayments. Some reversal likely in Q2
- Net proceeds of USD 171.4 million in Q1 from sale of Onshore (net of transaction cost, cash disposed and USD 5.5 million of proceeds temporarily held in escrow account)
- USD 51.9 million of yard refunds on NB 532 received in Q1

The accompanying unaudited financial information has been prepared under IFRS. This information should be read in conjunction with the unaudited first guarter 2010 results released on April 30, 2010. -13-

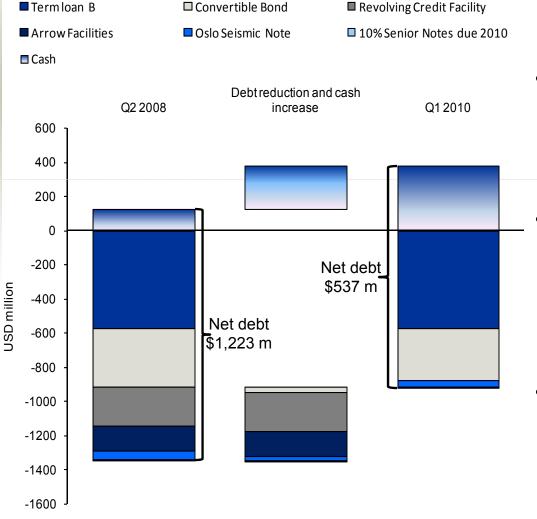
PGS Consolidated Statements of Financial Position - Key Figures

	March 31	March 31	December 31	
USD million	2010	2009	2009	
Total assets	2 843.4	3 089.3	2 929.4	
MultiClient Library	321.4	328.9	293.2	
Shareholders' equity	1 466.9	1 202.7	1 449.0	
Cash and cash equiv.	350.6	101.7	126.0	
Restricted cash	31.4	22.4	18.0	
Liquidity reserve	702.0	198.0	472.0	
Gross interest bearing debt *	919.3	1 265.6	918.0	
Net interest bearing debt	537.4	1 141.5	774.0	

*Includes capital lease agreements

The accompanying unaudited financial information has been prepared under IFRS. This information should be read in conjunction with the unaudited first guarter 2010 results released on April 30, 2010.

PGS Strong Capital Discipline and Debt Reduction



- Net debt reduced by USD 686 million since peak at Q2 2008 to end Q1 2010
- Proceeds from cancellation of NB 533 is expected in Q3 2010 and will further strengthen net debt position
- Liquidity reserve at end Q1 2010 was USD 702 million, compared to USD 198 million at end Q1 2009



PGS Robust Financing at Attractive Terms

Long term Interest Bearing Debt	Balance as of March 31, 2010	Total Credit Line	Financial Covenants
USD 600 million Term Loan ("TLB"), Libor + 175 basis points, due 2015	USD 570.5 million		Incurrence test: total leverage ratio < 3.25:1 from 2009 to 2015**
Revolving credit facility ("RCF"), Libor + 150 basis points, due 2012	USD 0 million*	USD 350 million	Maintenance covenant: total leverage ratio < 3.25 in 2009 and 2010, and 3.0:1 thereafter**
USD 400 million convertible bond due 2012, coupon of 2.7% with strike NOK 216.19	USD 310.8 million***		
Oslo Seismic Note, 8.28% interest, amortizing to 2011	USD 33.9 million gross – USD 23.9 million net****		

* Plus USD 4.7 million for bid/performance bonds

*** USD 344.5 million of nominal value outstanding after repurchase

** May be adjusted as part of recently initiated amendment to leverage definition in credit agreement

-16-

**** Net of USD 10 million on escrow account, which is restricted . Oslo Seismic note to be fully redeemed June1, 2010.



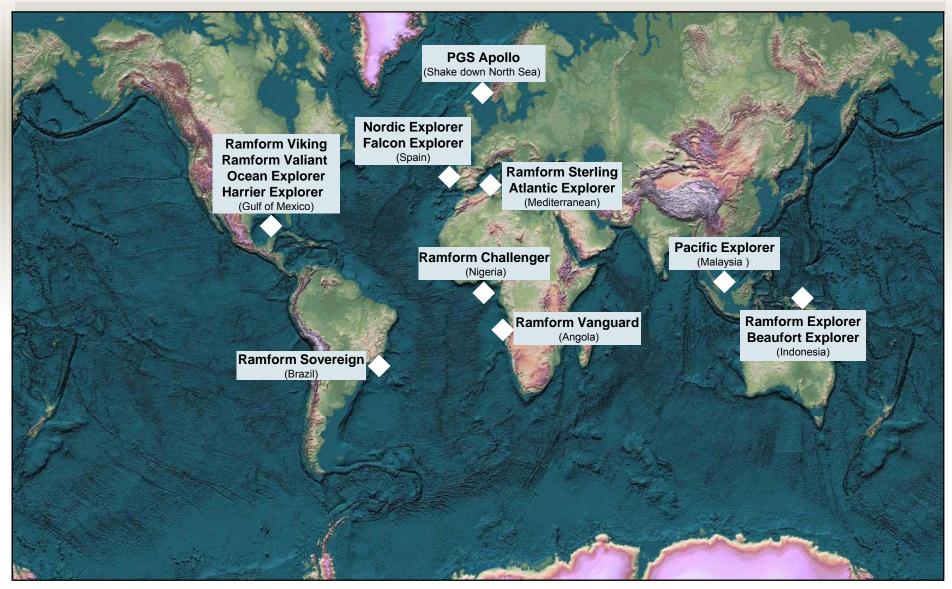
Petroleum Geo-Services ASA

Petroleum Geo-Services ASA

PGS going forward

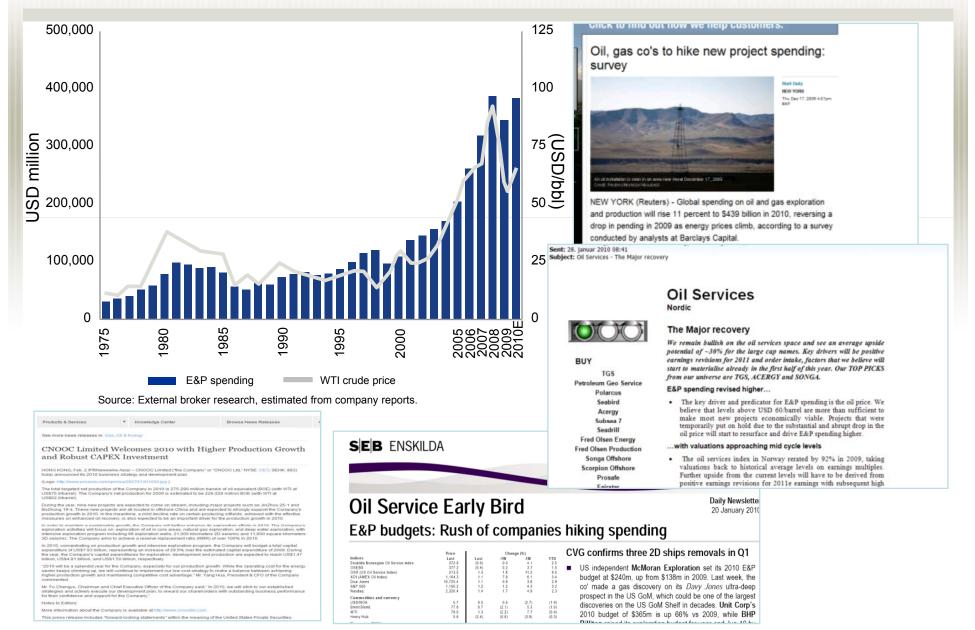
Unaudited First Quarter 2010 Results

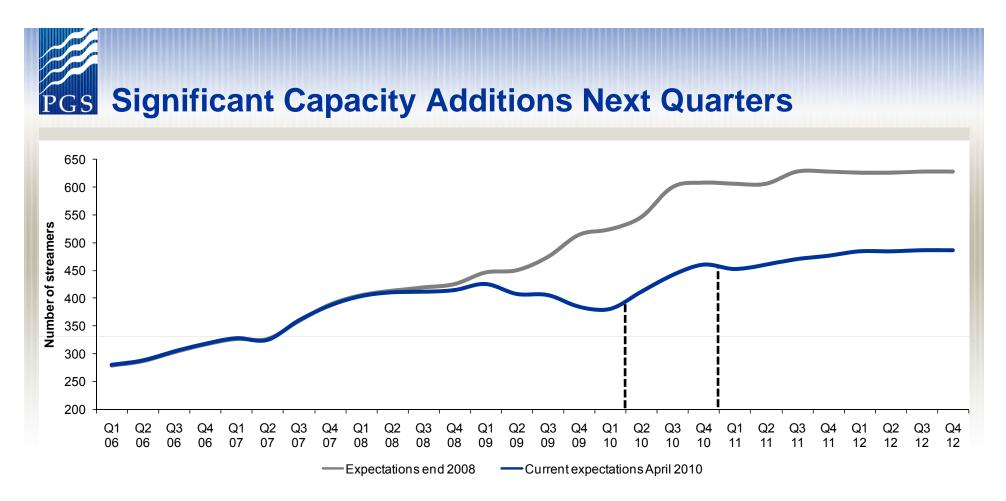
PGS Streamer Operations Late April 2010



PGS

PGS E&P Spending Increasing



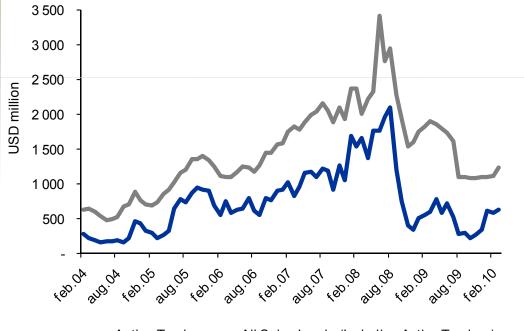


- Approximately 15+% capacity increase in 2010
- Approximately 5+% capacity increase in 2011

New capacity additions put pressure on conventional streamer pricing

Source: PGS Internal Estimate April 2010. The "Current expectations April 2010" are derived from announcements made regarding stacking/scrapping and anticipation of capacity that will be laid off. The graph shows 3D streamers, and the growth figures are compared from Q4 one year to Q4 the next year. -20-



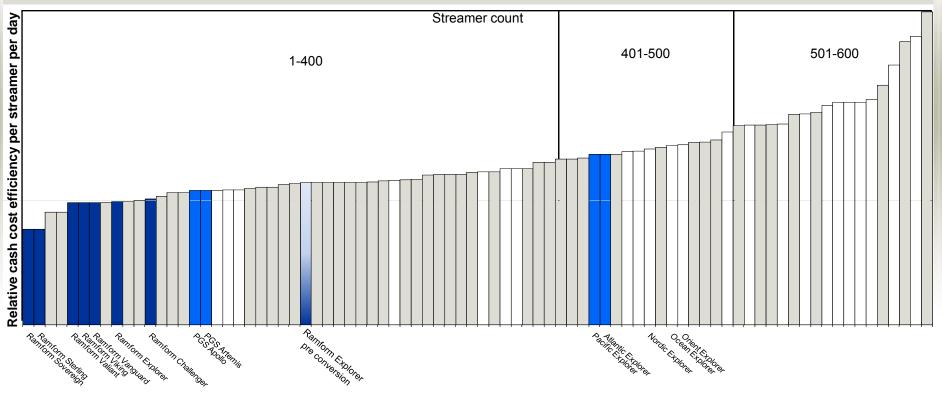


Active Tenders — All Sales Leads (Including Active Tenders)

- Bidding activity and visibility is increasing
 - Positive customer sentiment
 - Massive interest for
 GeoStreamer® with pricing premium
- Increase in directly awarded volume
 - 25% of PGS Q1 3D awarded work
 - More extensions of existing work

Source: PGS Internal Estimate as of end March 2010. Value of Active Tenders and All Sales Leads are the sum of each tender and sales lead with a probability weight and represents Marine 3D contract seismic only.-21-

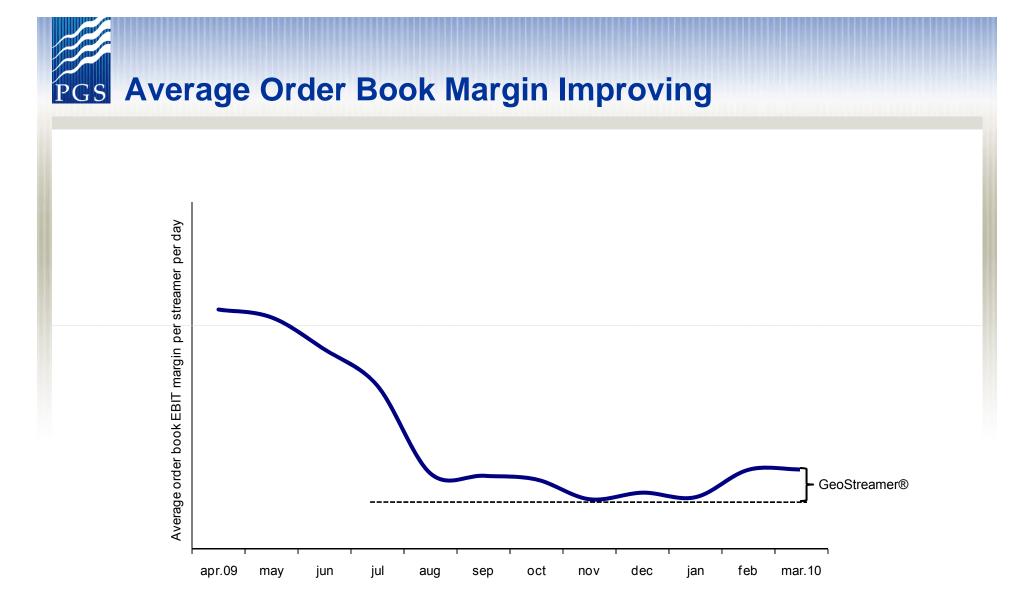
GS Favorably Positioned on the Industry Cost Curve



PGS Ramform Vessels Other PGS vessels Decomissioned vessels

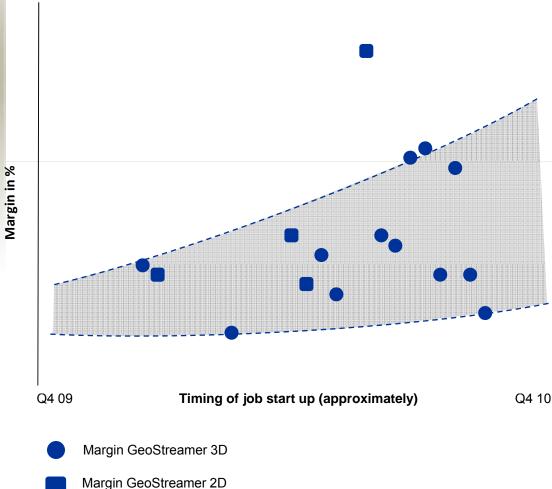
- PGS' position on industry cost curve is improving as *Ramform Explorer* will get more power and tow 10 streamers on a regular basis, rather than 8
- PGS fleet is positioned to generate the industry's best margins
- Positive to see decommissioning of older vessels from the seismic market

Source: The cash cost curve is based on PGS' internal estimates and typical number of streamer towed. The graph shows all seismic vessels in the market, both existing and new-builds. The Ramform S-class is incorporated with 14 streamers and the V-class with 12 streamers.



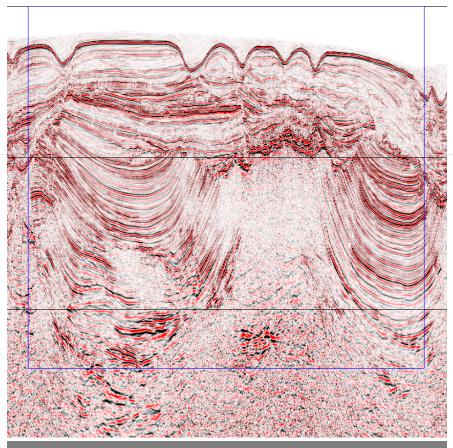
• Order book margin positively impacted by GeoStreamer® work

PGS GeoStreamer® - Always Better

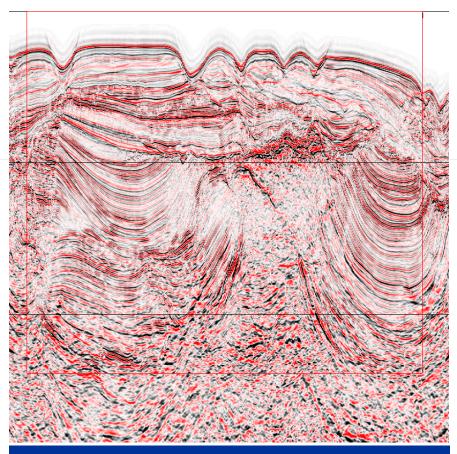


- GeoStreamer® rates are increasing, due to increased customer interest
- 6-streamer and 2D GeoStreamer® capacity generates margins comparable to high-end conventional
- Order book is building faster on GeoStreamer® capacity than conventional
- 10+ percentage points margin premium for GeoStreamer® vs. conventional streamer margin

PCS GeoStreamer® - Always Better



Conventional streamer data



GeoStreamer® data

PGS GeoStreamer® - Always Better





- Up to 50% of total time saved with GeoStreamer® compared to conventional streamers
 - Weather window significantly improved
 - Increased fleet flexibility
- Excellent data quality from surveys done in harsh environments
- Reduced cycle time to customers

FGS 50% GeoStreamer® Capacity by Year-end 2010

Current GeoStreamer® operations

• 3D

- *Atlantic Explorer*(6-streamer)
- *Ramform Challenger* (10 streamer)

• 2D

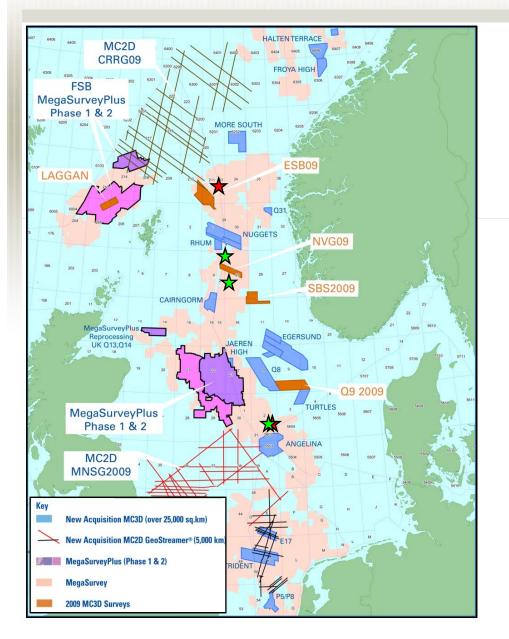
– Beaufort Explorer

Planned GeoStreamer® roll-out

- Additional 3D vessels
 - *Ramform Valiant* scheduled for GeoStreamer® upgrade May/June 2010
 - *Ramform Explorer* scheduled for GeoStreamer® upgrade in June/July 2010
 - *Ramform Viking* scheduled for GeoStreamer® upgrade Q4 2010/Q1 2011

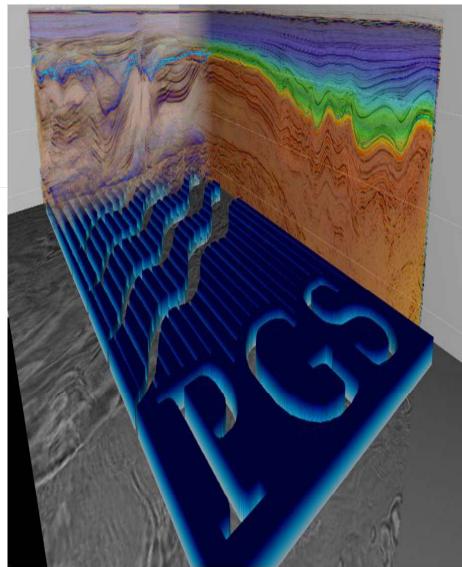
Further GeoStreamer® rollout acceleration under consideration

PGS GeoStreamer® – a New Generation MultiClient Library



- PGS' objective: New acquisition of core hydrocarbon-producing areas of the North Sea with GeoStreamer® and/or HD3D
- 2010 sees PGS active in North Viking & Central Graben:
 - 5,500 km² of MC GeoStreamer®
 - 1,900 km² of MC HD3D
- Surveys highly pre-funded
- 2009 GeoStreamer® results show excellent uplift in image quality
- GeoStreamer® a key future differentiator for PGS MultiClient in producing basins worldwide

PGS Organizational Changes for Future Growth



- Simplifying organization with fewer management levels
- Creating a more "balanced" organization with a broader management team
- Promoting growth in the MultiClient business
- Creating value for all stakeholders

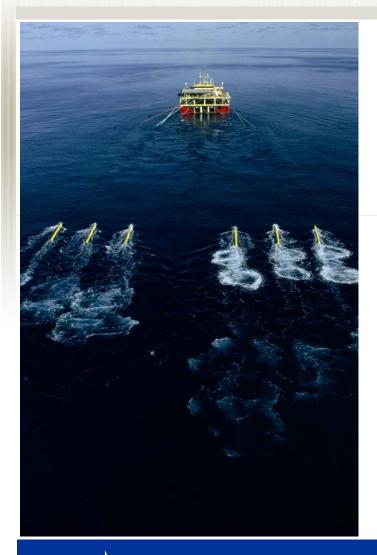






- Capacity fully booked
- Two Ramforms for GeoStreamer® upgrade
- Steaming capacity into the North Sea
- Shakedown of PGS Apollo
- More time spent at yard than in an average quarter

S GeoStreamer® Improves Margins



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- PGS Apollo delivered
- Successfully completed the disposal of Onshore
- Organizational changes for future growth

2010 guidance maintained with EBITDA upside



PGS Main Yard Stays Next 6 Months





Vessel	When	Expected Duration	Type of Yard Stay
Ramform Valiant	Scheduled to May/June 2010	Approximately 17 days	Install GeoStreamer®
Nordic	Scheduled to May/June 2010	Approximately 15 days	Upgrade gear, overhaul enginees
PGS Apollo	Scheduled June 2010	Approximately 1 week	Yardstay to complete warranty work
Ramform Explorer	Scheduled to June/July 2010	Approximately 45 days	15 year bottom inspection, thruster power upgrade, new compressor drives, streamer reel upgrade, add extra generator set, main class and install GeoStreamer®