





Cautionary Statement

- 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 other financial statements and the disclosures therein





Marine Contract



Marine market leadership

28%* of 2016 revenues

Marine Contract delivers exclusive seismic surveys to oil and gas exploration and production companies

MultiClient



Diverse MultiClient library – Improving financial performance

62%* of 2016 revenues

MultiClient initiates and manages seismic surveys which PGS acquires, processes, markets and sells to multiple customers on a non-exclusive basis

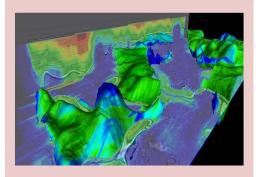
Operations



Productivity leadership

Operations supports Marine Contract and MultiClient with vessel resources and manages fleet renewal strategies

Imaging & Engineering



Technology differentiation – Rapidly becoming at par with industry best

9%* of 2016 revenues

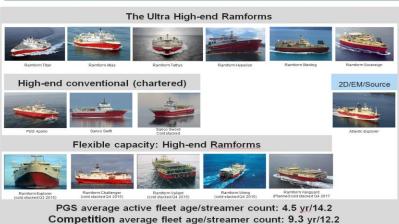
Imaging and Engineering processes seismic data acquired by PGS for its MultiClient library and for external clients on contract and manages research and development activities

*Remaining 1% relates to Other revenues.

PGS Positioning

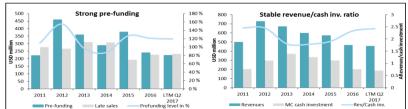


PGS Seismic Fleet 2017 Active vessels = Ultra High-end Ramforms and High-end Conventional Vessels

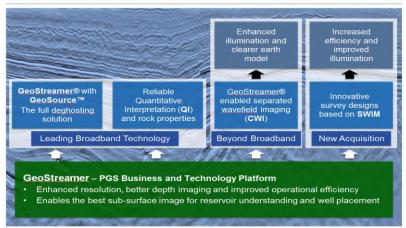


Maintaining Robust Library Performance in a Challenging Market

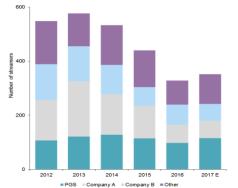




The GeoStreamer Technology Platform: Much More than Broadband



A Strong Market Position

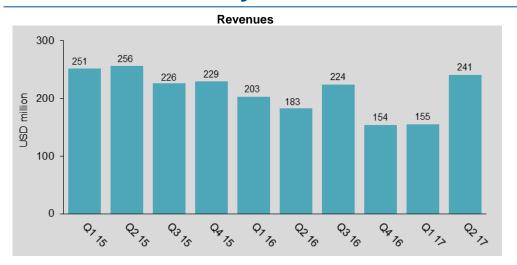


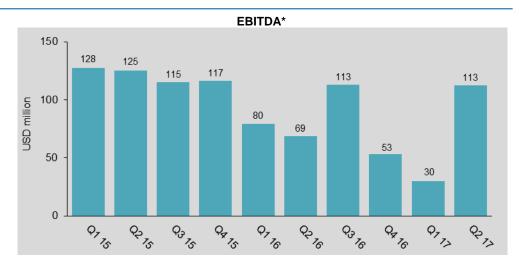
- PGS increases its market share to ~33% in 2017
- Lowest average age of active fleet in the industry
- PGS has the only fleet fully equipped with the latest technologies:
 - Multicomponent streamers
 - Streamer steering
 - Source steering
 - 12+ streamer count

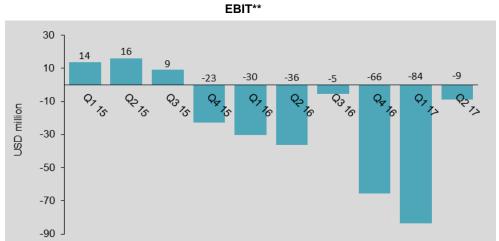
Ready to capitalize on market recovery

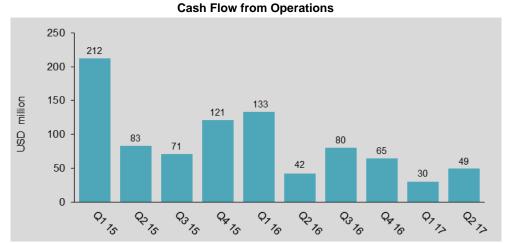


Financial Summary









^{*}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.

^{**}Excluding impairments and Other charges.



Consolidated Statements of Cash Flows Summary

	Q2	Q2
USD million	2017	2016
Cash provided by operating activities	49.4	42.4
Investment in MultiClient library	(43.8)	(41.8)
Capital expenditures	(17.1)	(67.0)
Other investing activities	(3.7)	(2.9)
Net cash flow before financing activities	(15.2)	(69.3)
Financing activities	29.7	2.4
Net increase (decr.) in cash and cash equiv.	14.5	(66.9)
Cash and cash equiv. at beginning of period	38.8	116.6
Cash and cash equiv. at end of period	53.3	49.7

First half	First half
2017	2016
79.4	175.8
(77.4)	(90.1)
(124.7)	(181.4)
17.8	(100.2)
(104.9)	(195.9)
96.5	164.0
(8.4)	(31.9)
61.7	81.6
53.3	49.7

Full year
2016
320.9
(201.0)
(218.2)
(109.5)
(207.8)
187.9
(19.9)
81.6
61.7

- Cash flow from operating activities of USD 49.4 million in Q2 2017
 - Y-o-Y increase due to higher earnings, partially offset by a significant increase in accounts receivables as a result of high revenues in the second half of the quarter which will benefit cash flow in Q3 2017



Balance Sheet Key Numbers

	June 30	June 30	December 31
USD million	2017	2016	2016
Total assets	2,860.1	2,970.3	2,817.0
MultiClient Library	606.7	686.1	647.7
Shareholders' equity	1,250.9	1,350.3	1,359.4
Cash and cash equivalents (unrestricted)	53.3	49.7	61.7
Restricted cash	111.5	95.0	101.0
Liquidity reserve	228.3	429.7	271.7
Gross interest bearing debt	1,290.1	1,352.3	1,191.4
Net interest bearing debt	1,126.2	1,207.6	1,029.7

- Liquidity reserve of USD 228.3 million
 - Drawings on the Revolving credit facility increased by USD 60 million in Q2 for working capital fluctuations, the Company expects to reduce drawing in Q3
- Total leverage ratio of 4.39:1 as of June 30, 2017, compared to 4.88:1 as of March 31, 2017
- Shareholders' equity at 44% of total assets



Marine Seismic Market



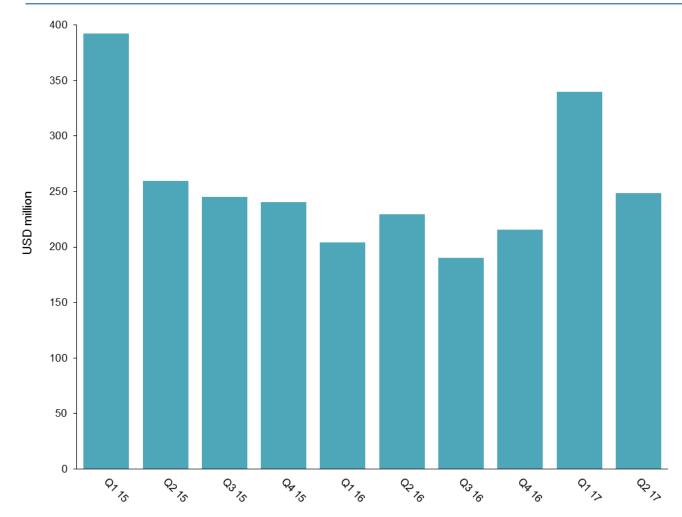
- Substantial improvement in oil companies' cash flow
 - No negative change in client behavior despite oil price fluctuations during Q2
 - Pockets of opportunity for Q2/Q3 contract pricing owing to more 4D production seismic and capacity constraints in some regional markets

Outlook

- Currently low and competitive contract bidding activity for Q4
- Improved bid pipeline for Q1/Q2 2018



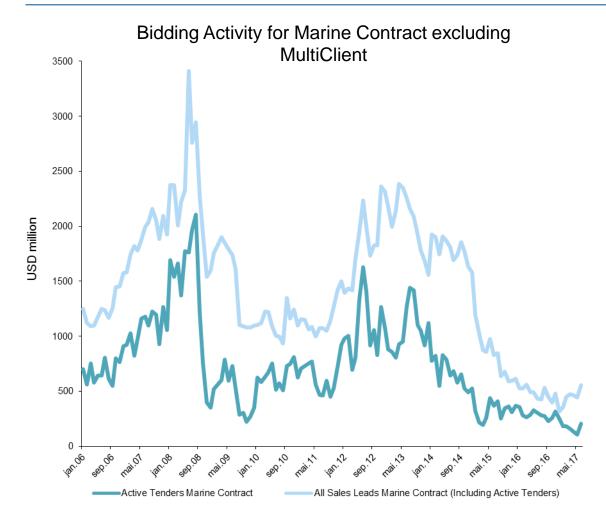
Order Book



- Order book of USD 248 million by end Q2 2017
 - Of which USD 182 million relates to MultiClient
 - USD 96 million of new order book secured in Q2
 - USD 25 million of Q2/Q3 2018 work taken out of order book due to dry well causing project cancellation
- Vessel booking*
 - ~90% booked for Q3 2017
 - ~40% booked for Q4 2017
 - ~15% booked for Q1 2018
 - ~5% booked for Q2 2018
- Unsold Q4 2017 capacity planned to be filled as:
 - MultiClient ~2/3 (or ~3.5 vessels)
 - Contract ~1/3 (or ~1.5 vessels)

Market Activity

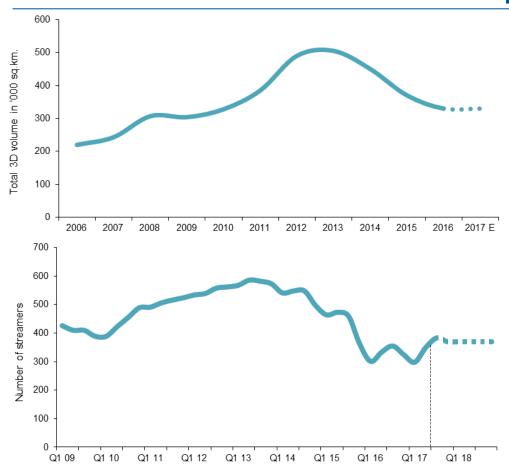




- Encouraging leads development for 2018
- Seismic demand primarily driven by:
 - Positioning for strategically important license rounds
 - Seismic commitments in E&P licenses
 - Significant increase in production seismic, especially in North Sea, West Africa and Brazil
- Overall relative MultiClient activity expected to continue to increase



Marine Seismic Market Volume and Supply



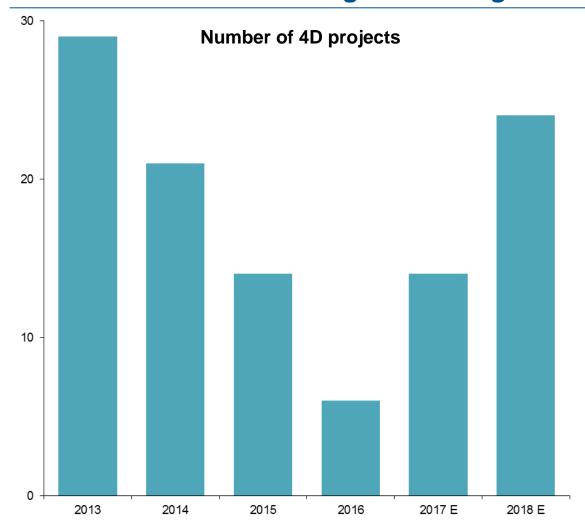
- Seismic acquisition volume in 2017 expected to be in line with volume in 2016
 - 2017 survey mix more focused on smaller and more capacity intensive 4D production monitoring surveys and more MultiClient 3D surveys
 - Increased seasonal variations as geographical areas for winter activity have shrunk, while North Atlantic summer season activity is more resilient
- 2017 summer season capacity ~35-40% lower than 2013 peak
 - Good supply/demand balance during summer season

Global streamer pool continues to shrink

Source of both graphs: PGS internal estimates.

Production Seismic is Growing Significantly PGS has Premium Offering and Strong Market Share





- Oil companies invest more in producing fields and fields under development
- Number of production seismic (4D) projects will more than double in 2017 compared to 2016, and is expected to increase further in 2018
- 4D activity increasing in North Sea, West Africa and Brazil
- PGS will conduct more than 50% of global 4D surveys for 2017
 - PGS is well positioned in the 4D market
 - ~35% of 2017 contract revenues expected to come from 4D

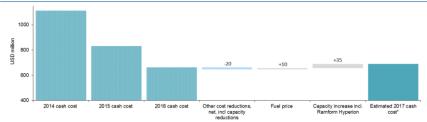
Source: PGS internal estimates.

Responding to a Challenging Market





Cost Discipline Remains a Key Priority in 2017



- · 2016 gross cash cost more than 40% lower than in 2014
- 2017 gross cash cost expected to be below USD 700 million modest increase from structurally lower level in 2016 mainly attributable to:
 - More operated capacity with full year operation of Ramform Tethys and delivery of Ramform Hyperion
 - Some increase of fuel prices
- Tight cost control continues, with further USD 50-60 million of gross cash cost reductions initiated with effect from Q4 2017
- Planning to cold-stack Ramform Vanguard after North Sea season

*Estimate based on 30 June 2017 USD exchange rates against currencies in PGS cost base

PGS

Industry Leading MultiClient Performance



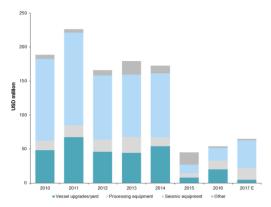
2008 2009 2010 2011 2012 2013 2014 2015 2016

■PGS MC revenues/MC investments ■ Company A ■ Company B ■ Company C ■ Company D

- Strategic priority since 2010 to increase weighting of the MultiClient business
- Brings greater stability to overall Group performance in a highly cyclical market
- MultiClient share of total market will continue to increase going forward
- · Revenues currently dominated by MultiClient
 - 52% of revenues in 1H 2017, will increase significantly in 2H
 - O2 2017 sales/investment of 2 9x
 - Most of EBITDA is generated by MultiClient activities
 - GeoStreamer, leading productivity and advanced, high quality imaging drives higher returns from library
- Retains flexibility to leverage a recovery in the marine contract market
 - Marine contract player with differentiating productivity and technology

Significant Cash Saving From Reduced Maintenance CAPEX





- Well maintained fleet and capacity adjustments have allowed significant CAPEX reductions
- Annual maintenance CAPEX level reduced to ~USD 50-60 million in response to market weakness
- More than USD 100 million down from 2013/14 levels
- Graph excludes CAPEX relating to the Titan Class new builds

Refinanced to Address Market Uncertainty



RCF Extension

- · Completion of two year extension of RCF to 2020
- Resized RCF to match ongoing liquidity needs (i.e. USD 400 million with a step down to USD 350 million in September 2018)
- Unchanged security package
- Covenant reset to retain availability of liquidity reserve going forward

Senior Notes
Exchange
Offer

- Exchange offer for USD 450 million 2018 Notes completed with 94% acceptance
 - USD 212 million (nominal value) redeemed at a price of 95% of par
 - USD 212 million exchanged into new Senior Notes maturing December 2020 (terms otherwise substantially unchanged)
 - USD 26 million of original 2018 Notes left outstanding

1

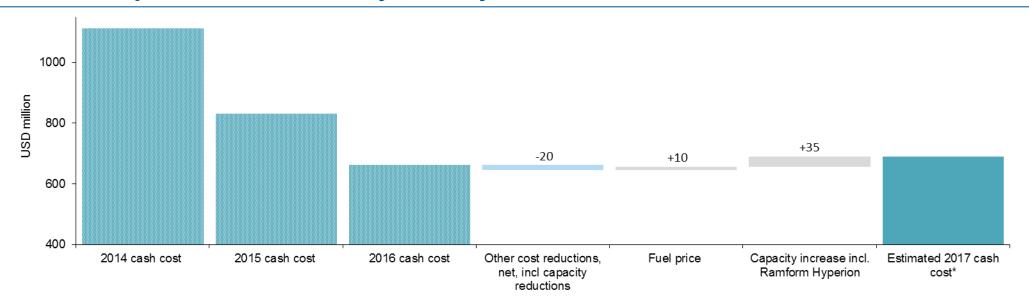
Equity Issue

- USD ~225 million Private Placement
- 85.5 million new shares at NOK 22.50
- Placed with minimal discount and substantial over subscription
- USD ~35 million Subsequent Offering completed January 2017
 - 13.5 million new shares offered to existing shareholders not participating in Private Placement

Improved balance sheet flexibility and increased long term financial visibility

PGS

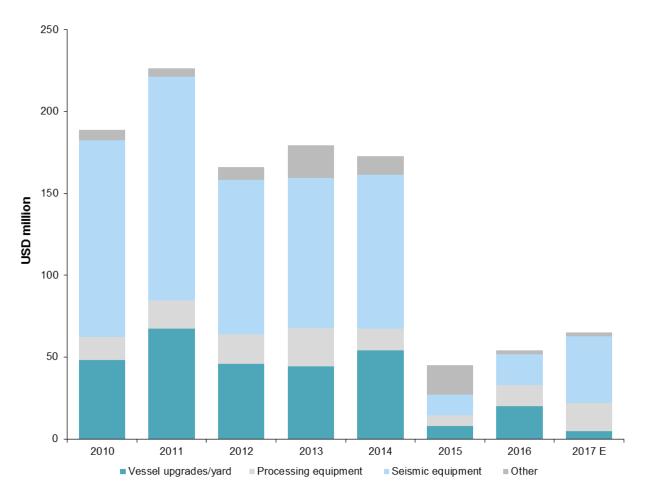
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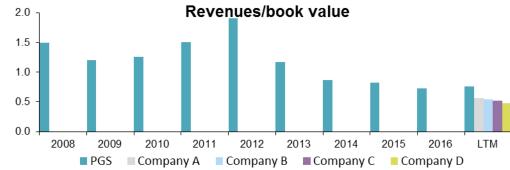


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Industry Leading MultiClient Performance







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 - MultiClient share of total market will continue to increase going forward
- Revenues currently dominated by MultiClient
 - 52% of revenues in 1H 2017, will increase significantly in 2H
 - Q2 2017 sales/investment of 2.9x
 - Most of EBITDA is generated by MultiClient activities
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Summary of Debt and Drawing Facilities

Long-term Credit Lines and Interest Bearing Debt	Nominal Amount as of June 30, 2017	Total Credit Line	Financial Covenants
USD 400.0 million Term Loan ("TLB"), Libor (minimum 0.75%) + 250 basis points, due 2021	USD 387.0 million		None, but incurrence test: total leverage ratio ≤ 3.00x*
Revolving credit facility ("RCF"), due 2020 Libor + margin of 325-625 bps (linked to TLR) + utilization fee	USD 225.0 million	USD 400.0** million	Maintenance covenant: total leverage ratio ≤ 5.50x, to Q2-2017, 5.25x Q3-17, 4.75x Q4-17, 4.25x Q1-18, thereafter reduced by 0.25x each quarter to 2.75x by Q3-19
Japanese ECF, 12 year with semi-annual instalments. 50% fixed/ 50% floating interest rate	USD 440.1 million		None, but incurrence test for loan 3&4: Total leverage ratio ≤ 3.00x* and Interest coverage ratio ≥ 2.0x*
December 2020 Senior Notes, coupon of 7.375%	USD 212.0 million		None, but incurrence test: Interest coverage ratio ≥ 2.0x*
December 2018 Senior Notes, coupon of 7.375%	USD 26.0 million		None

^{*}Carve out for drawings under ECF and RCF

^{**}Reducing to USD 350 million in September 2018.

In Conclusion:

Competitively Positioned to Navigate Current Market Environment





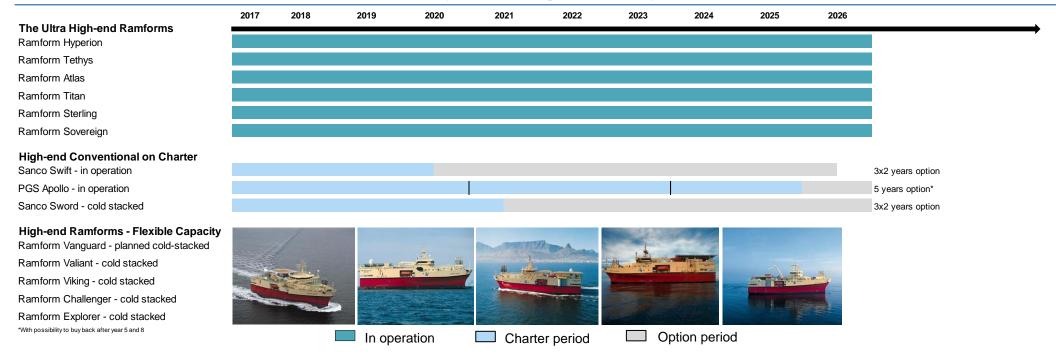
- Benefitting from improvement in marine contract pricing y-o-y
 - Well positioned in the 4D market
- Competitive contract bidding for Q4
- Improved bid pipeline for Q1/Q2 2018
- Further cash cost cuts of USD 50-60 million initiated
 - Planning to cold-stack Ramform Vanguard after
 North Sea season





PGS

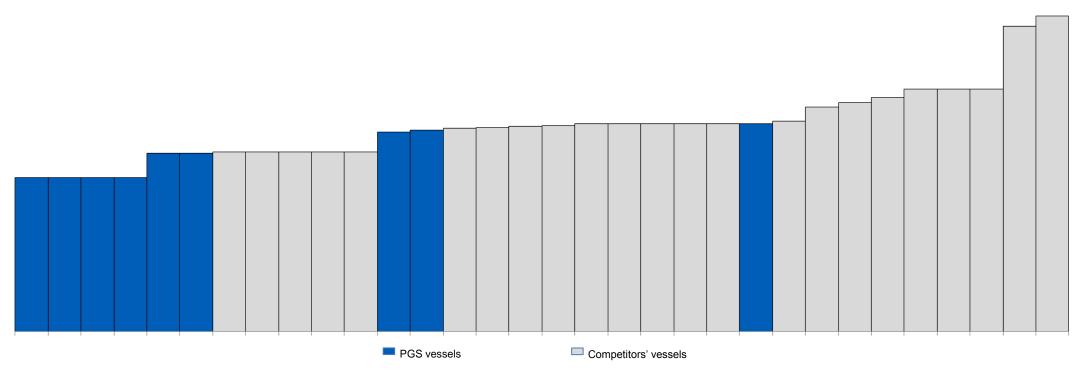
Fleet Structure Provides Flexibility Through the Cycle



- Combination of chartered high capacity conventional 3D vessels and temporarily coldstacked first generation Ramform vessels:
 - Improves fleet flexibility
 - Chartered capacity with staggered expiry structure
 - Positions PGS well to take advantage of a market recovery

PGS

PGS Fleet Best Positioned on the Industry Cost Curve



- PGS retains lead on lowest cash cost per streamer
- Ramform vessels best positioned for both large, and streamer intensive (4D) surveys

Main Yard Stays* Next Six Months





Vessel	When	Expected Duration	Type of Yard Stay
PGS Apollo	August 2017	7 days	Intermediate classing and major engine overhaul
Ramform Hyperion	August 2017	6 days	Guarantee work

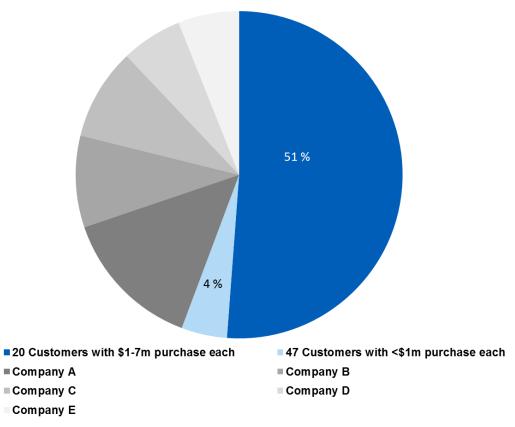


*Yard stays are subject to changes.





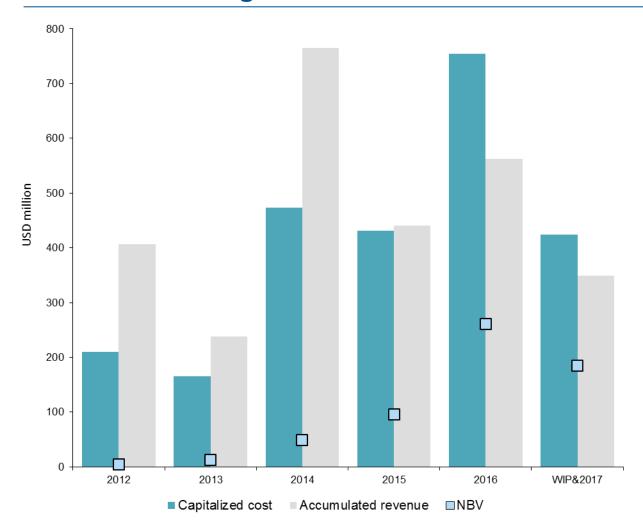
Customer distribution of Q2 MultiClient revenues



- PGS sold MultiClient data to more than 70 different clients world wide in Q2
 - Distributed over 90 projects
- PGS high quality GeoStreamer MultiClient data library attracts strong client interest, generating industry leading sales performance

MultiClient Vintage Distribution





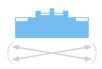
- MultiClient net book value of USD 606.7 million as of June 30, 2017
 - Down from USD 647.7 million at yearend 2016
- Moderate net book value for surveys completed 2012-2015
- Q2 2017 amortization rate of 61%
- 2017 amortization expense expected to be in the range of USD 350-375 million

RAMFORM (25) **Titan-Class**



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

Engineered for Geoscience



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 bollard pull (300 tons)

- 70m ·

tons



Redundancy

3 propellers, each with 2 motors - fully operational with 2 propellers.

2 engine rooms, each with 3 generators fully operational with 1 engine room



Fuel Capacity

Providing flexibility and endurance.



Widening the weather window and extending the seasons in northern and southern hemispheres without compromising HSEQ.



Power

Additional power enables more in-sea and onboard equipment.

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.

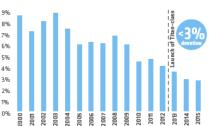


Towing & Handling

24 reel and streamer capacity and back deck automation provides flexibility. rapid deployment and safe retrieval.

Performance Results

Downtime



Ramform Titan - Zero maritime downtime and only 2.7% seismic downtime to date. Total sq.km acquired by Titan-class vessels is 89,712 sq. km.

Records



Rapid Deployment

16 streamers (each 8.1 km) safely deployed in just 73 hours.

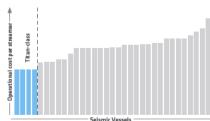
Large Spread

13.75 sq. km fan spread with 18 streamers (each 7.05 km) x 100 m separation (130 m at tail end).

Fast Acquisition

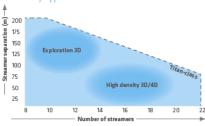
Highest production 175 sq.km in a day (average for this survey = 139 sq. km/day).

Cost/Streamer



Ultra high capacity seismic vessels are more cost effective.

All Survey Types



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

HSEQ

Layout supports One Culture operations improving all aspects of HSEQ.

Social zones, gym, stability -

rested crews perform better.



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

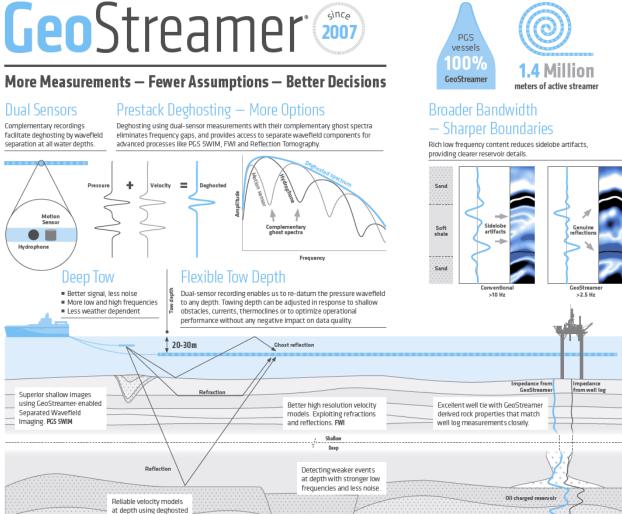


Larger spreads and faster turnaround mean fewer days on each job and leaves a smaller environmental footprint. DNV GL Clean Design - max SOx content of < 2.5%. Reactive catalysts reduce NO_x emissions by 90%

Future Proof



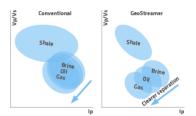
Superior platform to deploy the best dualsensor technology - 100% GeoStreamer, Equipped with streamer and source steering.



reflections. Tomography

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.





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 Clearer sub-basalt imaging and intrabasalt layer definition.
- CLASTICS Reliable reservoir properties without the need for well control.
- **CARBONATES** Detailed mapping of internal structures and better porosity prediction.
 - INJECTITES Resolution of complicated geometries and identification of true geological impedance boundaries.

Experience that counts
450 000 KM²
acquired worldwide
Aug 2016

Water wet sands

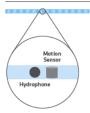


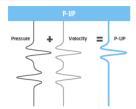
PGSSWIM

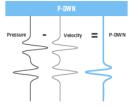
Extending Illumination and Angular Diversity

GeoStreamer data and SWIM imaging

Separated Wavefield Imaging (SWIM) is an innovative depth-imaging technology that uses both up- and down-going wavefields, recorded by GeoStreamer® dual hydrophone and motion sensors.







VIRTUAL SOURCES Utilizing sea-surface reflections and making each receiver a virtual source results in the survey area having increased source sampling and improved angular

SWIM + Survey Geometries





WIDE AZ IMUTH The extra subsurface illumination of sea-surface reflections combined with Wide Azimuth (WAZ) acquisition facilitates the imaging of salt flanks and other steeply dipping structures.

NARROW AZIMUTH TO WIDE TOW SWIM





Reduce Acquisition Footprint

Turning the receiver spread into virtual sources vs and receiver arrays reduces source sampling in the crossline direction from the distance between sail lines to that between streamers. Using SWIM in shallow water fills in gaps in near-surface coverage successfully reducing the acquisition footprint (AF).

Further Uses



OCEAN BOTTOM DATA

SWIM has been successfully applied to seabed data such as ocean bottom node and cable recordings. SWIM can increase the shallow image area of the seabed and the underlying sediments by up to 700%.

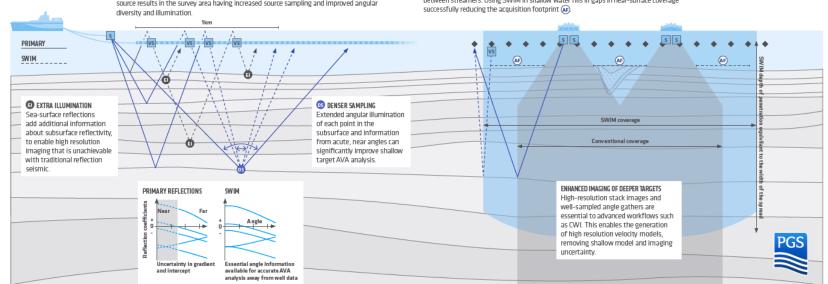


IMPROVED MULTIPLE REMOVAL

SWIM enables the generation of detailed shallow overburden images that are a requirement for some data-driven 3D SRME multiple removal methods.



REDUCING DRILLING RISK Superior illumination of the overburden using SWIM provides highresolution images suitable for shallow hazard work, helping to identify drilling risks



ACQUISITION **SOLUTIONS**

RAMFORM + GEOSTREAMER = EFFICIENCY + QUALITY

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

Better Image Quality

Dual-sensors combined with towing 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.





Dual Sensors

- Wavefield separation
- · Better signal, less noise
- · Tow depth independent
- True broadband



3D SpreadControl

- Infill management
- Efficient deployment & recovery
- Improved 4D repeatability



Dense Spreads

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



Source Steering

- Infill management
- Efficient deployment & recovery
- Improved 4D repeatability



Flexible Tow Depth

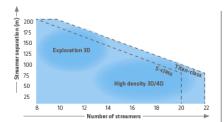
- · Less weather impact
- · Minimum drag, maximum efficiency
- Survey compatibility
- Increased 4D resolution

Continous Recording

- · Improved source sampling Increased vessel speed
- · Flexible record length

Survey Versatility

Our fleet is capable of covering all the bases from highly efficient exploration surveys to detailed 4D production seismic.



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

Coverage Options

From single sail line to the ultimate full azimuth coverage. Target illumination increases with each additional pass and direction.



Single Vessel Survey:



Narrow Azimuth

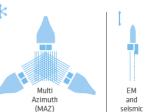
(NAZ)



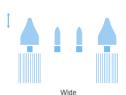


(NAZ)





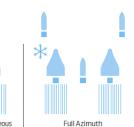
Multi Vessel Survey:



Azimuth

(WAZ/WATS)





(FAZ)

FAZ=WAZ+MAZ+SLO

Leading the Industry













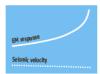






STREAMER

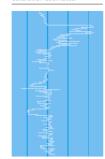
Reducing drilling risk



Hydrocarbon saturation

EM + seismic = reduced risk

Improved hydrocarbon saturation estimates



Resistivity

Hydrocarbon saturated rocks are typically highly resistive. Geologists access local resistivty data from well logs.





Sight & sound

Complementary data add new layers of comprehension: a bit like adding sight to sound. While seismic is the best measure of lithology, EM is more sensitive to changes in fluids.

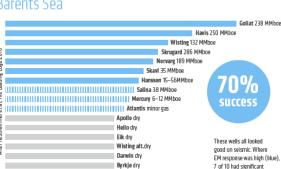
Independent inversions

Seismic data can be inverted for velocity and for acoustic impedance. Inversion of EM data provides resistivity. Correlating all three improves drilling

hydrocarbon volumes.

Drilling success with EM

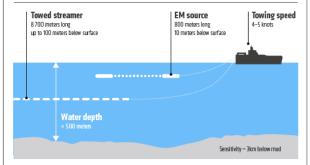
Barents Sea



Bønna dry

Operational 101

Towed streamer acquisition produces high density 2D or 3D EM data fast. The operation is very similar to seismic, making it easy to install, operate and even combine.





Fast

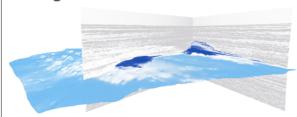
Flexible

Acquisition speed up to 200 sq. or line km EM data / day

Multipurpose EM can de-risk frontier prospects, reveal drilling hazards, or

identify missed tail end production.

Adding EM to seismic



How and when

Improve ranking of prospects by adding 2D or 3D EM data to existing seismic data. Enhance EM resolution by using the seismic to guide the EM inversion

Acquire EM and 2D GeoStreamer data efficiently and simultaneously with the same vessel to plan new 3D seismic

HSEQ



Health

PGS' high standards apply.



Safety

Standard PGS towed streamer operations and equipment reduces risk

EM helps identify shallow gas drilling hazards.



Northern Europe is the region

with greatest EM coverage

so far. but feasibility studies

this technology has global

around the world show

notential

Environment

Low environmental impact.

Fewer vessel days = lower emissions in both standalone and simultaneous acquisition



Quality

Towed streamer EM produces high density data and permits onboard QC and processing.

