TGS EARNINGS RELEASE
3 November 2011

3rd QUARTER RESULTS

3rd QUARTER HIGHLIGHTS

- Consolidated net revenues were USD 159.6 million, an increase of 23% compared to Q3 2010.
- Net late sales totaled USD 90.5 million, down 10% from Q3 2010.
- Net pre-funding revenues were USD 53.7 million, up 124% from Q3 2010, funding 49% of the Company's operational multi-client investments during Q3 (investments of USD 110.6 million, up 77% from Q3 2010).
- Proprietary revenues were USD 15.3 million, up 160% from Q3 2010.
- Operating profit (EBIT) was USD 61.0 million (38% of net revenues), compared to USD 53.5 million (41% of net revenues) in Q3 2010.
- Cash flow from operations was USD 65.7 million, compared to USD 109.3 million in Q3 2010.
- Earnings per share (fully diluted) were USD 0.41, an increase of 12% from Q3 2010.

9 MONTHS FINANCIAL HIGHLIGHTS

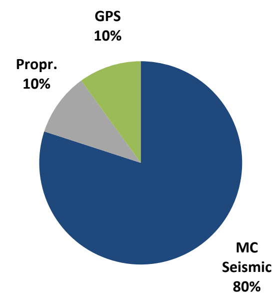
- Consolidated net revenues were USD 427.7 million, an increase of 9% compared to the same period in 2010.
- Net late sales from the multi-client library totaled USD 273.4 million, up 15% from USD 238.2 million in 2010.
- Net pre-funding revenues were USD 117.1 million, down 14% from 2010, funding 54% of the Company's operational multi-client investments during the first 9 months of 2011 (investments of USD 215.8 million, down 16% from 2010).
- Proprietary revenues were USD 37.2 million, up 134% from 2010.
- Operating profit (EBIT) was USD 177.7 million (42% of net revenues), compared to USD 145.8 million (37% of net revenues) in 2010.
- Cash flow from operations was USD 297.3 million, an increase of 3% from USD 289.7 million in 2010.
- Earnings per share (fully diluted) were USD 1.22 compared to USD 0.95 for the same period in 2010.

"In line with our plans, our investments for the quarter were at an all-time high of USD 110.6 million," TGS' CEO Robert Hobbs stated. "We are also pleased to report that revenue growth was seen across all of our business segments as compared to the same period last year. Revenue growth of 23% compared to the same quarter last year puts us on schedule to achieve our annual targets."

KEY FIGURES

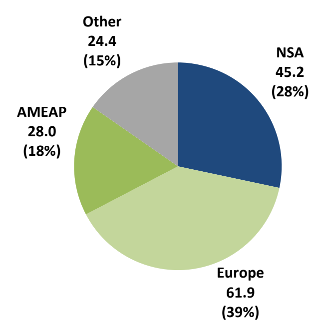
(All amounts in USD 1,000s)	Q3 2011	Q3 2010	YTD 2011	YTD 2010	2010
Net operating revenues	159,561	130,096	427,677	390,665	568,263
Operating profit	61,019	53,487	177,738	145,756	227,108
Pre-tax profit	61,340	54,298	178,790	147,025	227,745
Net income	42,368	37,904	126,475	99,197	155,783
EBIT	61,019	53,487	177,738	145,756	227,108
EBIT margin	38%	41%	42%	37%	40%
Return on capital employed	27%	28%	27%	28%	26%
Equity ratio	72%	75%	72%	75%	75%
Multi-client library					
Opening net book value	484,251	498,180	475,696	424,282	424,282
Multi-client data purchased from third parties	-	-	-	2,900	3,999
Investments in new projects	110,573	62,469	215,808	255,800	295,290
Amortization	(71,160)	(57,391)	(167,842)	(179,724)	(247,874)
Ending net book value	523,664	503,258	523,664	503,258	475,696
Pre-funding % on operational investments	49%	38%	54%	53%	55%

REVENUE BREAKDOWN



TGS' largest business activity is developing, managing, conducting and selling multi-client seismic surveys. This activity accounted for 80% of the Company's business during the quarter. Geological Products and Services (GPS) accounted for 10% of net revenues in the 3rd quarter, while proprietary seismic revenues accounted for 10% of net revenues.

Net late sales were down 10% compared to Q3 2010. Net pre-funding revenues totaled USD 53.7 million, an increase of 124% from Q3 2010. The pre-funding revenues recognized in the third quarter funded 49% of the operational investments of USD 110.6 million in the multi-client library. During the first 9 months of 2011, pre-funding amounted to 117.1 million (54% of operational investments) representing a decrease of 14% over the same period of 2010. In line with the investment plans communicated to the market, investments have been weighted more to the second half of 2011, opposite the pattern of 2010, when investments were weighted more to the first half of the year. Proprietary contract revenues during the quarter totaled USD 15.3 million compared to USD 5.9 million in Q3 2010. For the 9 months ended September 2011, proprietary revenue totaled USD 37.2 million, up 134% from USD 15.9 million in 2010.



TGS' reporting structure is broken down in the following seismic business segments; North and South America, Europe, and Africa/ Middle East/Asia Pacific. In addition to these areas, several business units are aggregated to form "Other segments." These segments include GPS Well Data, GPS Interpretations, Global Services, Imaging and Stingray. Sales from North and South America totaled USD 45.2 million in Q3 2011 (41.7 in Q3 2010) which corresponds to 28% of total sales for the quarter (32% in Q3 2010). Sales from Europe amounted to USD 61.9 million (46.7 in Q3 2010), while Africa/Middle-East/Asia Pacific had total sales of USD 28.0 million in Q3 2011 (17.4 in Q3 2010). All business segments experienced growth in revenues compared to Q3 2010.

OPERATIONAL COSTS

The amortization of the multi-client library for Q3 2011 amounted to USD 71.2 million (57.4 in Q3 2010) which corresponds to 49% (46% in Q3 2010) of the total revenues from the multi-client library for the quarter. Amortization fluctuates from quarter to quarter, depending on the sales mix of projects. In Q3, the seismic industry experienced one of its most active acquisition seasons ever in Northwest Europe. Timesharing arising from this activity resulted in slightly higher amortization rates on a few projects. In Q3 2011, 10% of total revenues came from pre-2007 vintages which are fully written off the books in line with the Company's amortization policy. The amortization rate for the first 9 months of 2011 was 43% compared to 48% in 2010.

Cost of goods sold (COGS) were USD 5.2 million for the quarter, USD 4.8 million higher than one year ago. The increase is due to higher proprietary acquisition activity. Personnel and other operating costs expensed during the quarter were USD 19.9 million, an increase of 18% from 2010, mainly due to increased costs related to employee incentive schemes and operating costs related to the two new business units in 2011, Stingray and US Onshore seismic.

EBITDA AND EBIT

Reported EBITDA (Earnings Before Interest, Tax, Depreciation and Amortization) for the quarter ended 30 September 2011 was USD 133.9 million, which corresponds to 84% of net revenues, up 19% from USD 112.2 million in Q3 2010. Operating profit (EBIT) for the quarter amounts to USD 61.0 million compared to USD 53.5 million in Q3 2010.

FINANCIAL ITEMS

TGS recorded an unrealized currency exchange loss of USD 0.3 million in Q3 2011.

The Company recorded a financial gain of USD 0.1 million in Q3 2011 through net financial items related to the financial investments available for sale as a result of the redemptions on some of the Company's holdings of auction rate securities (ARS).

The Company recorded a financial loss of USD 0.1 million in Q3 2011 related to changes in fair value of a financial derivative.

TAX

For the full year, TGS reports tax charges in accordance with the Accounting Standard IAS 12. Tax charges are computed based on the USD value relating to the appropriate tax provisions according to local tax regulations and currencies in each jurisdiction. The tax charges are influenced not only from local profits, but also from fluctuations in exchange rates between the local currencies and USD. The cost of stock options is non-deductible and non-taxable in some jurisdictions. This method makes it difficult to predict tax charges on a quarterly or annual basis.

In some tax jurisdictions, the Company receives a tax deduction in respect of remuneration paid as stock options. The Company recognizes an expense for employee services in accordance with IFRS 2 which is based on the fair value of the award at the date of the grant.

Management assesses that the normalized operating consolidated tax rate is approximately 31%. The tax rate reported for the quarter is at 31%.

NET INCOME AND EARNINGS PER SHARE (EPS)

Net income for Q3 2011 was USD 42.4 million (27% of net revenues), up 12% compared to Q3 2010. Quarterly earnings per share (EPS) were USD 0.41 fully diluted (USD 0.42 undiluted), an increase of 12% from Q3 2010 EPS of USD 0.37 (USD 0.37 undiluted).

MULTI-CLIENT INVESTMENTS AND LIBRARY

The Company's operational investments in its data library during Q3 2011 were USD 110.6 million, 77% higher than in Q3 2010. The Company recognized USD 53.7 million in net pre-funding revenues in Q3 2011, funding 49% of its operational multi-client investments during the quarter. For the first 9 months of 2011, pre-funding revenues totaled USD 117.1 million, funding 54% of operational multi-client investments (USD 136.5 million).

MUSD	Q3 2011	Q3 2010	9M 2011	9M 2010	2010	2009	2008
Beginning Net Book Value	484.3	498.2	475.7	424.3	424.3	335.0	217.4
Non-Operational Investments	-	-	-	2.9	4.0	-	-
Operational Investments	110.6	62.5	215.8	255.8	295.3	266.0	287.0
Amortization	(71.2)	(57.4)	(167.8)	(179.7)	(247.9)	(176.7)	(169.3)
Ending Net Book Value	523.7	503.3	523.7	503.3	475.7	424.3	335.0

MUSD	Q3 2011	Q3 2010	9M 2011	9M 2010	2010	2009	2008
Net MC Revenues	144.2	124.2	390.5	374.7	543.0	445.0	481.7
Change in MC Revenue	16%	9%	4%	26%	22%	-8%	21%
Change in MC Investment	77%	-29%	-17%	13%	13%	-7%	108%
Amort. in % of Net MC Revs.	49%	46%	43%	48%	46%	40%	35%
Change in Net Book Value	8%	1%	8%	19%	12%	27%	54%

BALANCE SHEET AND CASH FLOW

The net cash flow from operations for the quarter, after taxes, before investments, totaled USD 65.7 million compared to USD 109.3 million in Q3 2010. As of 30 September 2011, the Company's total cash holdings amounted to USD 269.9 million compared to USD 290.2 million at 31 December 2010.

The stated intention of the Board is to buy back TGS shares of up to USD 30 million in 2011 out of which USD 7.6 million was used in the third quarter.

As of 30 September 2011, TGS held USD 21.5 million in Auction Rate Securities (ARS), all in AAA-rated closed-end funds. The market began experiencing failed auctions in February 2008. Since experiencing the first failed auction, TGS has redeemed a total of USD 65.0 million of ARS at par value and USD 4.9 million at 93% of par value. Of the redemptions at par value, USD 0.2 million were redeemed in Q3 2011. TGS classifies its ARS as current financial investments available for sale and has valued its ARS at fair value of USD 18.2 million. Per 30 September 2011, the balance of the provision held between par value and fair value was USD 3.4 million.

The Company has sufficient cash and financial capacity to finance its operations and other known potential liabilities without selling the ARS. TGS intends however, to sell these given the right opportunities.

The Company believes that no impairment to goodwill and other intangible assets exists.

TGS currently does not have any interest bearing debt.

Total equity per 30 September 2011 was USD 935.2 million, representing 72% of total assets. A total of 51,750 new shares were issued during Q3 2011 in relation to stock options exercised by key employees in August 2011. Further, the Company transferred 67,500 treasury shares to cover the exercise of options by key employees. During the quarter, the Company bought back 349,000 shares for the treasury. The shareholders decided at the Ordinary General Meeting on 7 June to cancel 741,701 treasury shares held at that date. Following a mandatory eight week waiting period, the shares were cancelled during Q3. As of 30 September 2011 TGS holds 1,548,500 treasury shares.

BACKLOG

TGS' backlog amounted to USD 134.3 million at the end of Q3, an increase of 8% from last quarter and 26% above the level of one year ago.

OPERATIONAL HIGHLIGHTS

Vessels under TGS' control through charter during all or parts of Q3 included three 2D vessels and four 3D vessels. An additional five 2D vessels and two 3D vessels were involved in joint ventures with others during Q3. This activity set a new record for the level of investment and number of vessels utilized in a single quarter.

North and South America

TGS started a 22,000 km multi-client (MC) survey offshore Labrador-Newfoundland in a partnership with PGS. The new seismic data is being acquired by *M/V Sanco Spirit*. Processing will be conducted by TGS in Houston. Acquisition will continue into early Q4 2011 and the vessel will return in the early summer of 2012 to complete the program.

During Q3, TGS announced a new 3D MC survey in the Utica Shale play of the onshore US. TGS' announcement of this project represents an exciting opportunity for the Company to leverage its successful business model into a new play. During the quarter, permitting and surveying started for the 795 km^2 survey with recording scheduled to start in Q1 2012.

Europe and Russia

TGS conducted one of its most active acquisition seasons ever in Northwest Europe during Q3. This was true for many of TGS' competitors as well, resulting in high seismic timesharing for some surveys.

The Company chartered the *M/V Oceanic Challenger* to complete a MC 3D survey in the Moray Firth that originally commenced in 2010. By early Q4, the vessel had completed acquisition of over 2,400 km^2 of 3D data to give the Company a total of over 4,200 km^2 in this very prolific region of the North Sea. Two other MC 3D surveys were conducted during the quarter in the North Sea.

The *M/V Geo Pacific* acquired a 1,306 km^2 survey in the northern North Sea along the "End of The World" structural trend. This program forms the central part of an 8,000 km^2 3D project that includes the reprocessing of several older 3D data sets.

The *M/V Atlantic Explorer* continued to build on the 50/50 TGS/PGS shared Viking Graben project. By the end of Q3, a total of 2,325 km^2 of this year's program had been acquired. After this year's acquisition, the total 3D coverage from the joint TGS/PGS campaign in the Viking Graben is expected to be over 6,800 km^2.

The *M/V Ramform Viking* acquired 986 km^2 of 3D data during the first of a two-season acquisition program in the Faeroe-Shetland Basin area of the Atlantic Margin. The vessel will return in 2012 to complete the program with a total planned coverage of 2,500 km^2. The project is owned 50% by TGS and 50% by PGS and will be processed by both parties.

The *M/V Polar Duke* completed collection of the Hoop Fault Complex survey in late Q3 after a very efficient season of acquisition. Almost 4,800 km^2 of data were collected in Q3 taking the total size of the contiguous Hoop Fault Complex MC 3D survey to over 8,300 km^2. Processed data from this year's campaign will be available for customers before the anticipated Norway 22nd exploration round.

TGS continued acquisition of its successful multi-year long-offset regional 2D program in partnership with Fugro. The *M/V Bergen Surveyor* was utilized in the West of Shetlands region of the North Sea, the *M/V Akademik Shatskiy* was utilized in the Norwegian Sea before later mobilization to Greenland, and the *M/V Akademik Lasarev* acquired data for the survey in the Barents Sea. By the end of Q3, the partnership added almost 25,000 km to the program.

During Q3, TGS commenced an 1,800 km 2D program in offshore Northeast Greenland with the *M/V Akademik Shatskiy*. The operations in this operationally challenging region were supported by the ice breaker *M/V Fennica*. The program is a joint TGS/Fugro project and the data is being processed by TGS.

The Company's other 2D operation in Northwest Europe involved the *M/V Akademik Fersman* which acquired 5,050 km of MC 2D during Q3 and early Q4 in the Laptev and East Siberian Sea of the Russian arctic in partnership with DMNG. Acquisition will continue into Q4 as long as ice conditions allow.

The Company acquired 29,000 km of airborne gravity, magnetic and seep data in Southeast Greenland during the quarter. This is the first TGS survey to use Seepfinder technology to detect oil seeps on the sea surface.

Africa, Middle East and Asia / Pacific

In West Africa, TGS commenced the acquisition of two 3D projects offshore Sierra Leone (2,535 km^2 and 1,038 km^2 respectively) with the *M/V Geo Caribbean*. Acquisition of the latter of the two surveys is scheduled to complete in early Q4. Also in Northwest Africa, the Company continued collection of its NWAAM 2D MC survey in partnership with Dolphin Geophysical. By the end of the quarter, the partnership had completed the acquisition of just over 14,000 km. Finally, the Company announced the commencement of a 15,000 km 2D survey covering the major prospective basins of offshore Namibia. Data from this survey will be available to customers in Q1 2012.

In the Asia Pacific region, TGS commenced a 2D survey in the Matahari area of eastern Indonesia. The 1,500 km survey compliments TGS' existing data library in the Sahul Platform and Timor Trough areas.

Other Segments

The Geologic Products and Services Division added a new MC interpretation product in the northern basins of Brazil to its library. This study will be an important tool for customers to use to evaluate offshore acreage anticipated to be included in the next Brazil license round of 2012. This business unit also expanded its library of well logs in the Europe/Russia region with the addition of 45,000 digitized well logs in Western Siberia.

OTHER MATTERS

TGS refers to the release of 9 February 2011 announcing authority from the Board of Directors to the Company on a plan to repurchase shares in accordance with existing regulations at Oslo Stock Exchange. The Company seeks to repurchase stock in order to reduce its outstanding shares. The shares will be purchased from the open market and in accordance with the Safe Harbour provisions of the EU Commission Regulations for buy-back programs. Shares may be purchased within a price range of NOK 100 to NOK 200 per common share. The Company may acquire a total number of shares corresponding to an amount of up to USD 30 million. The plan to repurchase stock started 6 May 2011 and will continue up to and including 31 December 2011. During the period up to 30 September 2011, the Company has purchased approximately USD 22.7 million of shares as part of this program.

OUTLOOK

Sales activity for all TGS business segments continues to show encouraging growth over the previous year. Customers continue to show confidence in TGS' products in mature and frontier basins as they utilize those products in their efforts to locate new hydrocarbon reserves. TGS continues to monitor the vessel market for its marine data products and is still able to find adequate capacity when and where it is required.

TGS was pleased to have been awarded its first permit from the Bureau of Ocean Energy Management, Regulations and Enforcement (BOEMRE) to acquire 3D Wide Azimuth (WAZ) data in the Gulf of Mexico since the Macondo event in April 2010. It is expected that this project will be part of the 2012 investment plan. While this permit award and the announcement of a license round in the Western Gulf of Mexico are encouraging signs that exploration activity is returning to the Gulf, industry still awaits the announcement of the next license round in the Central Gulf of Mexico. This round is important to TGS due to the location of our data library, and is also important to our customers due to the greater activity and larger amount of acreage typically offered in the Central planning area.

A portion of one of the planned multi-client projects in the Barents Sea in Q2 and Q3 was transformed to a proprietary survey due to a pre-funder's request for exclusivity. While this project satisfied TGS' required rate of return, it means that the previously communicated proprietary revenues of 5% of net revenues will be slightly higher. In addition, the shift from a highly prefunded multi-client project to a proprietary project means that annual prefunding will likely be towards the lower end of our guided range of between 55%-65%. Multi-client library investments are now expected to be towards the lower end of our guided range of USD 280–330 million due to the late award of our permit to acquire additional data in the Gulf of Mexico. Net revenues are still expected to be in the range of USD 600–650 million with an average annualized multi-client amortization rate in the range of 41-47%.

Houston, 2 November 2011

The Board of Directors of TGS-NOPEC Geophysical Company ASA

ABOUT TGS

TGS-NOPEC Geophysical Company (TGS) provides multi-client geoscience data and services to Oil and Gas Exploration and Production companies around the globe. TGS' geophysical and geological data products include multi-client seismic libraries, permanent reservoir monitoring, magnetic and gravity data, the industry's largest global database of digital well logs and regional interpretive products. TGS also provides high-end depth imaging services to help resolve complex seismic imaging problems.

TGS-NOPEC Geophysical Company ASA is listed on the Oslo Stock Exchange (OSLO:TGS).

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All statements in this earnings release other than statements of historical fact are forward-looking statements, which are subject to a number of risks, uncertainties and assumptions that are difficult to predict, and are based upon assumptions as to future events that may not prove accurate. These factors include TGS' reliance on a cyclical industry and principal customers, TGS' ability to continue to expand markets for licensing of data, and TGS' ability to acquire and process data products at costs commensurate with profitability. Actual results may differ materially from those expected or projected in the forward-looking statements. TGS undertakes no responsibility or obligation to update or alter forward-looking statements.

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Interim Statement of Comprehensive Income

(All amounts in USD 1,000s unless noted otherwise)	Note	2011 Q3 Unaudited	2010 Q3 Unaudited	2011 YTD Unaudited	2010 YTD Unaudited
Net operating revenues	4	**159,561**	**130,096**	**427,677**	**390,665**
Operating expenses					
Cost of goods sold - proprietary and other		5,173	385	12,720	1,917
Amortization of multi-client library		71,160	57,391	167,842	179,724
Personnel costs		13,958	12,566	42,331	35,982
Cost of stock options		604	606	1,447	2,100
Other operating expenses		5,923	4,339	20,368	16,692
Depreciation and amortization		1,724	1,323	5,232	8,493
Total operating expenses		**98,542**	**76,609**	**249,939**	**244,909**
Operating profit	4	**61,019**	**53,487**	**177,738**	**145,756**
Financial income and expenses					
Financial income		596	442	1,629	1,360
Financial expense		-80	-9	-177	-4
Exchange gains/losses		-254	378	-1,304	-214
Net gain on financial assets		58	-	903	128
Net financial items		**320**	**811**	**1,052**	**1,269**
Profit before taxes		**61,340**	**54,298**	**178,790**	**147,025**
Tax expense		18,972	16,394	52,314	47,828
Net income		**42,368**	**37,904**	**126,475**	**99,197**
EPS USD		**0.42**	**0.37**	**1.24**	**0.97**
EPS USD, fully diluted		**0.41**	**0.37**	**1.22**	**0.95**
Other comprehensive income:					
Exchange differences on translation of foreign operations		-177	1,320	-20	868
Net (loss)/gain on available-for-sale financial assets		-73	-	320	-38
Other comprehensive income for the period, net of tax		-249	1,320	299	830
Total comprehensive income for the period, net of tax		42,119	39,223	126,775	100,028

Interim Consolidated Balance Sheet

(All amounts in USD 1,000s)	Note	2011 30-Sep Unaudited	2011 30-Jun Unaudited	2010 31-Dec Audited
ASSETS				
Non-current assets				
Goodwill		86,401	86,401	45,837
Multi-client library		523,664	484,251	475,698
Other intangible non-current assets		47,127	49,632	23,614
Deferred tax asset		12,617	14,373	12,052
Buildings		803	810	780
Machinery and equipment		17,324	18,175	14,465
Other non-current assets	6	41,744	41,744	41,744
Total non-current assets		**729,679**	**695,385**	**614,189**
Current assets				
Financial investments available for sale		18,169	18,312	21,123
Derivative financial instruments	6	125	191	384
Accounts receivable		259,799	209,787	285,247
Other short-term receivables		15,039	14,245	5,788
Cash equivalents		269,879	288,141	290,185
Total current assets		**563,011**	**530,675**	**602,727**
TOTAL ASSETS		**1,292,690**	**1,226,060**	**1,216,916**
EQUITY AND LIABILITIES				
Equity				
Share capital		3,647	3,659	3,651
Other equity		931,577	894,834	905,120
Total equity	3	**935,224**	**898,493**	**908,771**
Non-current liabilities				
Other non-current liabilities		37,683	37,683	12,715
Deferred tax liability		98,831	84,874	87,687
Total non-current liabilities		**136,515**	**122,557**	**100,402**
Current liabilities				
Accounts payable and debt to partners		113,627	87,856	112,845
Taxes payable, withheld payroll tax, social security		21,848	38,602	39,669
Other current liabilities		85,478	78,551	55,229
Total current liabilities		**220,952**	**205,010**	**207,743**
TOTAL EQUITY AND LIABILITIES		**1,292,690**	**1,226,060**	**1,216,916**

Interim Consolidated Statement of Cash flow

(All amounts in USD 1,000s)	2011 Q3 Unaudited	2010 Q3 Unaudited	2011 YTD Unaudited	2010 YTD Unaudited
Cash flow from operating activities:				
Received payments	100,557	131,617	435,245	399,128
Payments for salaries, pensions, social security tax	-14,351	-11,007	-43,982	-38,126
Other operational costs	-11,096	-6,501	-30,988	-18,452
Net gain/(loss) on currency exchange	-254	378	-1,304	-214
Paid taxes	-9,137	-5,169	-61,678	-52,610
Net cash flow from operating activities 1)	**65,719**	**109,318**	**297,293**	**289,726**
Cash flow from investing activities:				
Investments in tangible fixed assets	-2,099	-506	-9,339	-2,545
Investments in multi-client library	-76,537	-64,672	-168,641	-237,327
Investment through mergers and acquisitions, net of cash acquired	-	-	-43,851	-3,625
Net change in short-term financial investments	150	-	4,200	2,625
Interest received	576	443	1,482	1,352
Net cash flow from investing activities	**-77,910**	**-64,735**	**-216,149**	**-239,520**
Cash flow from financing activites:				
Interest paid	-80	-2	-177	-4
Dividend payments	-	-	-93,407	-64,742
Purchase of own shares	-7,618	-6,972	-22,692	-24,077
Proceeds from share offerings	1,627	314	14,827	5,000
Net cash flow from financing activites	**-6,071**	**-6,660**	**-101,449**	**-83,823**
Net change in cash equivalents	**-18,260**	**37,923**	**-20,303**	**-33,617**
Cash and cash equivalents at the beginning of period	288,141	171,953	290,185	243,493
Cash and cash equivalents at the end of period	**269,879**	**209,876**	**269,879**	**209,876**
1) Reconciliation				
Profit before taxes	61,340	54,298	178,790	147,025
Depreciation/Amortization	72,883	58,714	173,073	188,217
Changes in accounts receivables	-50,013	-3,315	25,448	29,153
Changes in other receivables	1,034	431	-2,918	2,131
Changes in other balance sheet items	-10,387	4,360	-15,422	-24,191
Paid taxes	-9,137	-5,169	-61,678	-52,610
Net cash flow from operating activities	**65,719**	**109,318**	**297,293**	**289,726**

Interim Consolidated Statement of Changes in Equity

(All amounts in USD 1,000s)	Share-Capital	Own Shares Held	Share Premium Reserve	Other Paid-In Equity	Available for Sale Reserve	Foreign Currency Translation Reserve	Retained Earnings	Total Equity
Opening balance 1 January 2011	**3,714**	**-63**	**40,894**	**18,244**	**611**	**-8,393**	**853,764**	**908,771**
Net income	-	-	-	-	-	-	126,475	**126,475**
Other comprehensive income	-	-	-	-	320	-20	-	**299**
Total comprehensive income	**-**	**-**	**-**	**-**	**320**	**-20**	**126,475**	**126,775**
Paid-in-equity	30	-	12,064	-	-	-	-	**12,094**
Purchase of own shares	-	-42	-	-	-	-	-22,650	**-22,692**
Distribution of own shares	-	9	-	-	-	-	2,724	**2,733**
Cost of stock options	-	-	-	1,447	-	-	-	**1,447**
Dividends	-	-	-	-	-	-	-95,388	**-95,388**
Deferred tax asset related to stock options	-	-	-	-	-	-	1,485	**1,485**
Cancellation of treasury shares	-32	32	-	-	-	-	-	**-**
Closing balance per 30 September 2011	**3,711**	**-64**	**52,958**	**19,691**	**931**	**-8,413**	**866,411**	**935,224**

(All amounts in USD 1,000s)	Share-Capital	Own Shares Held	Share Premium Reserve	Other Paid-In Equity	Available for Sale Reserve	Foreign Currency Translation Reserve	Retained Earnings	Total Equity
Opening balance 1 January 2010	**3,737**	**-37**	**36,657**	**15,798**	**502**	**-8,226**	**791,424**	**839,856**
Net income	-	-	-	-	-	-	99,197	**99,197**
Other comprehensive income	-	-	-	-	-38	868	-	**830**
Total comprehensive income	**-**	**-**	**-**	**-**	**-38**	**868**	**99,197**	**100,028**
Paid-in-equity	14	-	3,831	-	-	-	-	**3,845**
Purchase of own shares	-	-56	-	-	-	-	-24,021	**-24,077**
Distribution of own shares	-	4	-	-	-	-	1,151	**1,155**
Cost of stock options	-	-	-	2,100	-	-	-	**2,100**
Dividends	-	-	-	-	-	-	-64,027	**-64,027**
Cancellation of treasury shares	-39	39						
Closing balance per 30 September 2010	**3,713**	**-49**	**40,488**	**17,898**	**464**	**-7,358**	**803,724**	**858,879**

Largest Shareholders per 31 October 2011

	Largest Shareholders per 31 October 2011			Shares	%
1	FOLKETRYGDFONDET	NORWAY		9,583,391	9.3%
2	STATE STREET BANK AN A/C CLIENT OMNIBUS F	U.S.A.	NOM	6,605,826	6.4%
3	CLEARSTREAM BANKING	LUXEMBOURG	NOM	4,160,291	4.0%
4	PARETO AKSJE NORGE	NORWAY		3,812,106	3.7%
5	JPMORGAN CHASE BANK SPECIAL TREATY LENDI	GREAT BRITAIN	NOM	3,731,104	3.6%
6	THE NORTHERN TRUST C ACCOUNT TREATY ACCOU	GREAT BRITAIN	NOM	2,820,000	2.7%
7	BANK OF NEW YORK MEL S/A MELLON NOMINEE 1	U.S.A.	NOM	2,551,732	2.5%
8	STATE STREET BANK AN A/C WEST NON-TREATY	U.S.A.	NOM	2,214,048	2.1%
9	BANK OF NEW YORK MEL S/A BNYM AS EMEA ASI	U.S.A.	NOM	1,945,783	1.9%
10	EGERTON CAPITAL LTD c/o HSBC Bank PLC	GREAT BRITAIN		1,782,586	1.7%
10 Largest				**39,206,867**	**38%**
Total Shares Outstanding *				**101,853,874**	**100%**

Average number of shares outstanding for Current Quarter *

Average number of shares outstanding during the quarter	101,941,154
Average number of shares fully diluted during the quarter	103,318,320

* Shares outstanding net of shares held in treasury (1,548,500 TGS shares), composed of average outstanding TGS shares during the full quarter

NOTES TO THE CONSOLIDATED INTERIM FINANCIAL STATEMENTS

Note 1 General information

TGS-NOPEC Geophysical Company ASA (the Company) is a public limited company listed on the Oslo Stock Exchange. The address of its registered office is Hagaløkkveien 13, 1383 Asker, Norway.

Note 2 Basis for Preparation

The condensed consolidated interim financial statements of the TGS Group have been prepared in accordance with International Financial Reporting Standards (IFRS) IAS 34 Interim Financial Reporting as approved by EU and additional requirements in the Norwegian Securities Trading Act.

The same accounting policies and methods of computation are followed in the interim financial statements as compared with annual financial statements for 2010. None of the new accounting standards or amendments that came into effect from 1 January 2011 had a significant impact in the first nine months of 2011. The annual report for 2010 is available on www.tgsnopec.com.

Note 3 Share capital and equity

Ordinary shares	Number of shares
1 January 2011	**103,485,825**
4 March 2011, shares issued for cash on exercise of stock options	427,750
27 May 2011, shares issued for cash on exercise of stock options	178,750
23 August 2011, shares issued for cash on exercise of stock options	51,750
23 August 2011, cancellation of 741,701 treasury shares	(741,701)
30 September 2011	**103,402,374**

Treasury shares	Number of shares
1 January 2011	**1,567,151**
4 March 2011, treasury shares transferred to cover exercise of stock options	(85,000)
10 May 2011, shares bought back	68,000
11 May 2011, shares bought back	78,000
12 May 2011, shares bought back	125,000
13 May 2011, shares bought back	85,000
23 May 2011, shares bought back	45,000
24 May 2011, shares bought back	47,000
25 May 2011, shares bought back	51,600
26 May 2011, shares bought back	30,000
27 May 2011, shares bought back	10,000
27 May 2011, treasury shares transferred to cover exercise of stock options	(44,250)
30 May 2011, shares bought back	15,000
31 May 2011, shares bought back	25,000
7 June 2011, distribution of shares to board members	(8,800)
5 August 2011, shares bought back	95,000
8 August 2011, shares bought back	110,000
9 August 2011, shares bought back	25,000
10 August 2011, shares bought back	30,000
11 August 2011, shares bought back	25,000
12 August 2011, shares bought back	25,000
15 August 2011, shares bought back	25,000
16 August 2011, shares bought back	14,000
18 August 2011, treasury shares transferred to cover exercise of stock options	(67,500)
23 August 2011, cancellation of 741,701 treasury shares	(741,701)
30 September 2011	**1,548,500**

The Annual General Meeting on 7 June 2011 approved a dividend of NOK 5 per share for outstanding common stock. Dividend payments of USD 93.4 million were made to shareholders on 22 June 2011.

Note 4 Segment information

2011 Q3	North & South America	Europe & Russia	Africa, Middle East & Asia / Pacific	Other segments / Corporate costs	Consolidated
Net external revenues	45,210	61,916	28,005	24,430	**159,561**
Operating profit	23,183	29,414	7,208	1,214	**61,019**

2011 YTD	North & South America	Europe & Russia	Africa, Middle East & Asia / Pacific	Other segments / Corporate costs	Consolidated
Net external revenues	120,887	138,783	89,325	78,681	**427,677**
Operating profit	67,203	71,111	30,433	8,991	**177,738**

2010 Q3	North & South America	Europe & Russia	Africa, Middle East & Asia / Pacific	Other segments / Corporate costs	Consolidated
Net external revenues	41,655	46,744	17,396	24,301	**130,096**
Operating profit	19,811	25,750	2,758	5,168	**53,487**

2010 YTD	North & South America	Europe & Russia	Africa, Middle East & Asia / Pacific	Other segments / Corporate costs	Consolidated
Net external revenues	134,499	102,830	81,621	71,715	**390,665**
Operating profit	58,959	62,248	18,507	6,043	**145,756**

There are no intersegment revenues between the reportable operating segments.

The Company does not allocate all cost items to its reportable operating segments during the year. Unallocated cost items are reported as "Other segments/Corporate costs".

Note 5 Related parties

On 18 August 2011, members of the executive management exercised 35,000 options and sold the same number of shares. No other material transactions with related parties took place during the third quarter of 2011.

Note 6 Other non-current assets

Other non-current assets comprise two interest bearing convertible loans to the E&P Holding Group (former Skeie Energy). The two loan agreements of USD 21.0 million and USD 21.1 million matured on 31 December 2010 and will mature on 31 December 2014, respectively. The loan that matured on 31 December 2010 is currently convertible, and the Company is entitled to convert all or part of the loan into equity. Accordingly, the loan agreement has an embedded derivative that requires separate recognition.

The embedded derivative has been carried at fair value through profit or loss and is recognized as "Derivative financial instruments". The effect of profit or loss in Q3 2011 amounts to USD 0.1 million.