

TGS-NOPEC EARNINGS RELEASE

October 25th, 2007



3rd QUARTER 2007 RESULTS

Following the approval of the merger plan by the Extraordinary General Meetings of both TGS-NOPEC and Wavefield-Inseis on September 20th, 2007, the two companies are deemed to be under common control, and the financial results are consolidated beginning on that date. The following table summarizes the stand-alone and consolidated key figures:

	TGS	WAVE	PPA ¹⁾	TOTAL
Multi-Client Revenue	82.3	0.4	-	82.7
Proprietary Revenue	18.5	9.4	-	27.9
Net Operating Revenues	100.8	9.8	-	110.6
Materials	10.7	4.1	-	14.8
MC Amortization	23.8	0.2	0.0	24.0
Gross Margin	66.4	5.5	(0.0)	71.9
Other Operating Expenses	16.6	0.2	-	16.8
Cost of Stock Options	0.9	0.2	-	1.1
Depreciation	3.0	1.0	1.1	5.0
Operating Profit (EBIT)	45.8	4.2	(1.1)	48.9
EBIT margin	45%	43%		44%

¹⁾ PPA – Purchase Price Allocation (Preliminary)

3rd QUARTER FINANCIAL HIGHLIGHTS

- The consolidated accounts include Wavefield-Inseis ASA (WAVE) as from September 20th.
- Consolidated net revenues were USD 110.6 million, an increase of 11% compared to Q3 2006.
- Net late sales from the multi-client library totaled USD 57.1 million, down 16% from USD 68.3 million in Q3 2006.
- Operating profit (EBIT) was USD 48.9 million (44% of Net Revenues), down 11% from USD 54.8 million in Q3 2006.
- Cash flow from operations after taxes but before investments was USD 85.7 million, versus USD 80.5 million in Q3 2006.
- Earnings per share (undiluted) were USD 0.30, down 18% compared to USD 0.36 in Q3 2006.
- Repurchased TGS and WAVE shares in the amount of USD 149.6 million, reaching 8.58% of outstanding WAVE shares.

9 MONTHS FINANCIAL HIGHLIGHTS

- Consolidated net revenues were USD 294.8 million, an increase of 8% compared to 2006.
- Net late sales from the multi-client library totaled USD 180.4 million, down 12% from USD 205.9 million in 2006.
- Operating profit (EBIT) was USD 137.6 million (47% of Net Revenues), down 8% from USD 149.2 million in 2006.
- Cash flow from operations after taxes but before investments was USD 221.9 million, versus USD 204.5 million in 2006.
- Earnings per share (undiluted) were USD 0.86, down 10% from USD 0.96 the same period in 2006.

REVENUE BREAKDOWN (CONSOLIDATED)

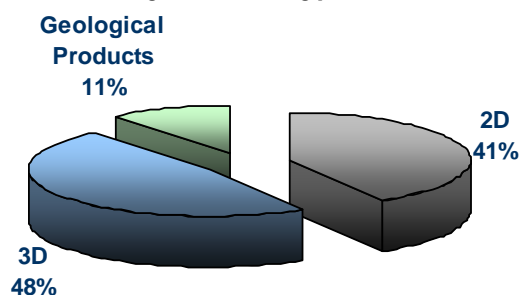
	Q3 2007	Q3 2006	Change	%	9M 2007	9M 2006	Change	%
Gross Sales	120.6	107.0	13.6	13%	324.0	291.6	32.4	11%
Income Sharing & Royalties	(10.0)	(7.2)	(2.8)	38%	(29.2)	(19.5)	(9.8)	50%
Net Operating Revenues	110.6	99.8	10.8	11%	294.8	272.2	22.6	8%

Breakdown of Net Revenues by Geographical Region:

Consolidated Net Revenues Q3 2007 vs. Q3 2006 per Geographical Region					
(in million USD)	Q3 2007	Q3 2006	Q3 2007	Q3 2006	Change
Eastern Hemisphere	54.9	31.1	50%	31%	77%
Western Hemisphere	55.7	68.7	50%	69%	-19%
Total	110.6	99.8	100%	100%	11%

Consolidated Net Revenues 9M 2007 vs. 9M 2006 per Geographical Region					
(in million USD)	9M 2007	9M 2006	9M 2007	9M 2006	Change
Eastern Hemisphere	124.2	76.4	42%	28%	63%
Western Hemisphere	170.6	195.8	58%	72%	-13%
Total	294.8	272.2	100%	100%	8%

YTD Net Revenues by Product Type:



REVENUE BREAKDOWN TGS (STAND-ALONE)

TGS' largest business activity is developing, managing, conducting, and selling non-exclusive seismic surveys. This activity accounted for 70% of the Company's business during the quarter. Well logs and integrated products (A2D and Aceca), accounted for 13% of net revenues in the 3rd quarter. Other proprietary contract revenues represented the remaining 17% of total revenues.

Multi-client and contract revenues were both adversely affected by productivity issues on the two newly delivered 3D vessels. In addition, Gulf of Mexico multi-client library sales were below management's expectations due to difficulties in closing sales commitments at the end of the quarter, normally the time of highest sales commitment activity. Management believes that the delay of the Central Gulf of Mexico lease sale from its normally scheduled time in March to October 3rd this year created a different buying pattern from its customers. As a result, net late sales were down 16% compared to Q3 2006. Net pre-funding revenues totaled USD 25.3 million, funding 81% of the Company's operational investments into new multi-client products during Q3 (USD 31.0 million). Proprietary contract and other revenues during the quarter totaled USD 18.5 million compared to USD 3.4 million in Q3 2006. Total Revenues recognized by TGS on a "stand-alone" basis were USD 100.8 million.

REVENUE BREAKDOWN WAVE (10 days)

Wavefield's largest business activity is proprietary seismic acquisition. This activity amounted to USD 9.4 million and accounted for 96% of the Company's business during the last ten days of Q3. The Company recognized USD 0.3 million of pre-funding during the 10 days, and 0.1 million in late sales. Total Revenues recognized in the TGS consolidated figures from Wavefield for the 10 days following September 20th were USD 9.8 million.

OPERATIONAL COSTS (CONSOLIDATED) - TGS (full quarter) and Wavefield (Sept 20th – Sept 30th)

The consolidated amortization charge associated with multi-client revenues was 29% of net multi-client revenues during Q3 2007 compared to 30% in Q3 2006, representing an decrease of USD 4.7 million. This rate does fluctuate from quarter to quarter, depending on the sales mix of projects. The amortization rate for the first 9 months of 2007 is 30%, in the middle of management's guidance (28-33%) for the full year.

Costs of materials were USD 14.8 million for the quarter, USD 14.2 million higher than one year ago as a direct consequence of increased activity on proprietary seismic acquisition, imaging and aeromagnetic contracts. Personnel and other operating costs expensed for the quarter, excluding materials, were USD 16.8 million, an increase of 18% from Q3 2006 (USD 14.3 million), due to increased cost through PDS acquisition and the additional ten days of cost reflected as a result of the Wavefield merger.

EBIT and EBITDA

Operating profit (EBIT) for the quarter of USD 48.9 million represented 44% of net revenues. This was 11% lower than the USD 54.8 million reported in Q3 2006 due to a higher mix of contract revenues that carried lower margins than the Company's multi-client revenues. EBITDA (Earnings before Interest, Tax, Depreciation and Amortization) for the quarter ended September 30th was USD 77.9 million, 70% of net revenues, down 8% from USD 84.4 million in Q3 2006.

Financial Items

Due to the sharp weakening (-8.5%) of the USD vs the NOK during Q3-2007, from 5.9034 per June 30th to 5.4436 per September 30th, TGS must accrue more USD to satisfy the Parent Company's deferred tax debt in NOK. This, and the IFRS accounting rules for the Company's Bond loan (see below under "Balance Sheet & Cash Flow" resulted in a high currency exchange loss and a high Financial Income. In addition, the Company recognized a financial profit on its holdings of Wavefield shares up till September 20th.

TAX

For the full year, TGS reports tax charges in accordance with the Accounting Standard IAS 12. Under this method, 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. This method makes it more difficult to predict tax charges on a quarterly or annual basis. On an actual basis, due to the weakening USD vs. NOK, the year-to-date tax rate is 33%. Management estimates the operational tax rate to be 32%.

NET INCOME AND EARNINGS PER SHARE (EPS)

Net income for Q3 2007 was USD 32.9 million (30% of net revenues) down 14% compared to USD 38.1 million (38% of net revenues) in Q3 2006. Quarterly earnings per share (EPS) were USD 0.29 fully diluted (USD 0.30 undiluted), a decrease of 17% from Q3 2006 EPS of USD 0.35 (USD 0.36 undiluted).

MULTI-CLIENT INVESTMENTS

The Company's operational investments in its data library during Q3 2007 were USD 31.6 million, 27% lower than in Q3 2006. The Company recognized USD 25.6 million in net pre-funding revenues in Q3, funding approximately 81% of its operational multi-client investments during the quarter. For the first 9 months of 2007, pre-funding revenues totaled USD 68.5 million, representing 70% of operational multi-client investments.

BALANCE SHEET & CASH FLOW

The net cash flow from operations for the quarter, after taxes, before investments, totaled USD 85.7 million compared to USD 80.5 million in Q3 2006. For 9 months 2007, cash flow from operations, after taxes, but before investments was USD 221.9 million, versus USD 204.5 million 2006.

During Q3 the Company used USD 149.6 million to repurchase TGS and WAVE shares. As of September 30th, 2007, the Company's total cash holdings amounted to USD 210.8 million compared to USD 254.0 million at June 30th, 2007.

The Company issued in 2004 a five year 300 MNOK bond loan that in accordance with IAS 39 is measured at amortized cost and recognized as a non-current liability in the balance sheet (USD 54.9 million at September 30th, 2007). To eliminate the currency risk associated with the NOK bond loan the Company at the same time entered into a derivative currency swap contract that fixes the amount to be repaid at maturity at USD 43.7 million. As the Company does not apply hedge accounting for the transaction the fair value of the derivative instrument is in accordance with IAS 39 recognized as a separate non-current asset and included under the line item "Non-current receivables including pre-payments" in the balance sheet.

Total equity per September 30th, 2007 was USD 1,796.3 million, representing 77% of total assets. The issuance of new shares during Q3 2007 was solely a result of employees' exercise of stock options. TGS shareholders approved a resolution at the Annual Meeting in June to delete all held treasury shares at that point, and these 1,259,103 treasury shares were deleted during the quarter. Following new repurchases during Q3, the balance of treasury shares held is 2,410,050 shares.

In the following table, the USD 22.9 Million in "Non-Operational Investments" comes from the preliminary purchase allocation of the multi-client library of Wavefield-Inseis.

THE MULTI-CLIENT DATA LIBRARY:

MUSD	Q3 2007	Q3 2006	9M 2007	9M 2006	2006	2005	2004
Beginning Net Book Value	211.8	173.3	195.6	160.8	160.8	149.5	133.2
Non-Operational Investments	22.9	-	24.5	3.5	4.5	1.6	2.1
Operational Investments	31.6	43.4	97.4	96.0	131.9	103.8	84.5
Amortization	(24.0)	(28.7)	(75.2)	(72.3)	(101.7)	(94.1)	(70.3)
Ending Net Book Value	242.4	188.1	242.4	188.1	195.6	160.8	149.5

KEY MULTI CLIENT FIGURES:

MUSD	Q3 2007	Q3 2006	9M 2007	9M 2006	2006	2005	2004
Net MC Revenues	82.7	96.4	248.8	260.3	376.5	232.1	163.1
Change in MC Revenue	-14%	41%	-4%	63%	62%	42%	23%
Change in MC Investment	26%	35%	23%	42%	29%	22%	17%
Amort. in % of Net MC Revs.	29%	30%	30%	28%	27%	41%	43%
Change in Net Book Value	14%	9%	24%	17%	22%	8%	12%

OPERATIONAL HIGHLIGHTS

In early August TGS re-commenced acquisition of its Gulf of Mexico Stanley 3D program. Productivity has been very good since mid-September and acquisition is expected to be completed around the end of November. The Crimson Tide 2D PSDM reprocessing project and the PSTM product on the Eastern Delta OBC 3D program were both completed and delivered during the quarter.

In the Santos Basin offshore Brazil TGS completed a 50,000+ kilometer multi-client 2D PSDM reprocessing project in preparation for the Q4 license round. In Africa the Company completed a contract marine 3D survey and continued the acquisition of a large regional aeromagnetic survey for a national oil company. TGS also acquired a marine 2D survey on a proprietary contract basis for a customer in Indonesia. For the fourth consecutive year TGS added to its regional 2D library in the Sea of Okhotsk with a new 7,600-kilometer 2D multi-client survey in the Sakhalin offshore area. Two vessels continued operating on the 2007 North Sea Renaissance campaign, and another began operations on a new multi-client project offshore west Greenland.

Within its Geologic Products division TGS added well logs from Peru and Uzbekistan to its industry leading digital well log database and also secured its largest agreement ever with a client. Over 400,000 LAS and 3,600,000 smartRASTER well logs were involved in the transaction.

The TGS stand-alone backlog grew 60% year-over-year to a record of USD 119.5 million. The Wavefield-Inseis backlog at the end of the quarter was USD 169.6 million, bringing the consolidated backlog to USD 289.1 million.

MERGER

On September 20th, the Extraordinary General Assemblies of both TGS and Wavefield overwhelmingly approved the merger of the two companies. The merger is scheduled to close following the expiry of a two month mandatory creditor review period on November 20th.

Following the Q3 update issued by TGS on October 8th, Wavefield-Inseis requested and TGS agreed to conduct a joint effort to review the causes of the Q3 revenue shortfall. TGS has willingly complied in all respects with this effort and strongly believes there is no factual or legal basis for the merger not to be brought to a successful conclusion. The Board and management of TGS are fully committed to working diligently with Wavefield to accomplish this.

OUTLOOK

As evidenced by our backlog growth both in the multi-client and contract sectors, the outlook for the seismic market continues to be very strong. We plan to begin multi-client wide azimuth 3D operations in the Gulf of Mexico late this year, and expect to secure substantial additional pre-funding in advance of the startup. Vessel utilization rates in the coming quarter will be lower than normal due to the steaming time necessary to deploy the fleet optimally as well as an unplanned dry-docking for repairs of a chartered 3D vessel in West Africa. Following the record-setting Central Gulf of Mexico lease sale in October, we expect customers to now turn their focus towards preparations for the March lease sale leading to a more typical "Q4 effect" in multi-client activity in this region.

Although it has not previously been our policy to give quarterly guidance because of the difficulty in predicting the magnitude and timing of large multi-client late sales, we believe that as a result of the TGS Wavefield merger it is now appropriate to give a consolidated guidance for Q4 2007. We expect total Q4 revenues to be in the range of USD 190–210 million. Annual multi-client investments are now expected to be in the range of USD 145–155 million, down from USD 160-170 million. We continue to expect full year pre-funding to be in the range of 60-70% of multi-client investments, and an average annualized multi-client amortization

rate in the range of 28-33% of net revenues. We plan to issue full year 2008 guidance following a full budgeting process to be conducted after the closing of the merger.

Asker, October 24th, 2007

The Board of Directors of TGS-NOPEC Geophysical Company ASA

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

Web-site: www.tgsnopec.com

CONTACTS FOR ADDITIONAL INFORMATION

Arne Helland, CFO **tel +47-66-76-99-00/+47-91-88-78-29**

John Adamick, VP Business Development **tel +1-713-860-2114**

This interim Financial Report has been prepared applying the IAS 34 "Interim Financial Reporting" principles. The accounting principles adopted in the preparation of the interim condensed consolidated financial statements are consistent with those followed in the preparation of the Group's annual financial statements for the year ended 31 December 2006 except for revenue being presented net of partner share instead of gross.

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.

TGS-NOPEC EARNINGS RELEASE

October 25th, 2007



TGS-NOPEC Geophysical Company ASA

Consolidated Profit & Loss Accounts

(All amounts in USD 1000's unless noted otherwise)	2007 Q3	2006 Q3	2007 YTD	2006 YTD
Net Operating Revenues	110,629	99,815	294,789	272,187
<i>Operating expenses</i>				
Materials	14,759	582	22,539	2,544
Amortization of Multi-Client Data Library	23,969	28,671	75,165	72,262
Personnel costs	11,240	10,743	32,337	31,992
Cost of stock options	1,129	591	3,282	1,988
Other operating expenses	5,592	3,542	14,307	11,379
Depreciation and Amortization	4,995	929	9,516	2,818
Total operating expenses	61,685	45,059	157,146	122,983
Operating profit	48,944	54,756	137,643	149,205
<i>Financial income and expenses</i>				
Financial income	10,338	2,398	18,992	6,201
Financial expense	-2,156	-963	-3,870	-2,714
Exchange gains/losses	-7,106	923	-14,532	-1,673
Net financial items	1,076	2,358	590	1,814
Profit before taxes	50,020	57,115	138,233	151,018
Tax expense	17,140	19,043	46,056	50,396
Net Income	32,880	38,072	92,176	100,622
EPS USD	0.30	0.36	0.86	0.96
EPS USD, fully diluted	0.29	0.35	0.84	0.92

TGS-NOPEC EARNINGS RELEASE

October 25th, 2007



TGS-NOPEC Geophysical Company ASA

Consolidated Balance Sheet

	2007 30-Sep	2007 30-Jun	2006 31-Dec
(All amounts in USD 1000's)			
ASSETS			
Non-Current Assets			
<i>Intangible non-current assets</i>			
Goodwill	1,061,451	92,546	27,770
Multi-Client Data Library, net	242,395	211,814	195,572
Other Intangible non-current assets	258,843	3,246	3,417
Deferred Tax Asset	6,359	7,651	6,397
<i>Tangible non-current assets</i>			
Buildings	2,533	2,498	2,415
Machinery and Equipment	282,668	22,560	11,999
<i>Financial Assets</i>			
Investment in Associated Companies	1,775		
Non-current receivables including pre-payments	12,677	8,175	5,223
Total non-current assets	1,868,699	348,491	252,793
Current assets			
<i>Receivables</i>			
Accounts receivable	212,497	120,905	145,066
Other short term receivables	31,756	5,190	7,788
<i>Cash and cash equivalents</i>			
Cash and cash equivalents	210,801	254,036	270,585
Total current assets	455,053	380,131	423,439
TOTAL ASSETS	2,323,752	728,622	676,232

TGS-NOPEC EARNINGS RELEASE

October 25th, 2007

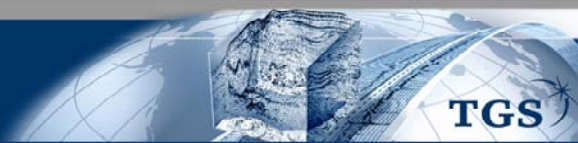


TGS-NOPEC Geophysical Company ASA Consolidated Balance Sheet

	2007 30-Sep	2007 30-Jun	2006 31-Dec
(All amounts in USD 1000's)			
EQUITY AND LIABILITIES			
<i>Equity</i>			
Share capital	6,396	3,805	3,808
Other equity	1,789,912	524,815	473,231
Total equity	1,796,308	528,620	477,039
Provisions and liabilities			
<i>Provisions</i>			
Deferred tax liability	98,944	43,168	36,952
<i>Non-current liabilities</i>			
Non-current loans	62,934	50,629	47,734
Capitalized lease liabilities	149,002	279	535
<i>Current liabilities</i>			
Short-term interest bearing debt	27,701	0	0
Accounts payable and debt to partners	95,001	46,571	51,013
Taxes payable, withheld payroll tax, social security	50,410	28,180	24,632
Other current liabilities	43,452	31,174	38,327
Total provisions and liabilities	527,444	200,002	199,193
TOTAL EQUITY AND LIABILITIES	2,323,752	728,622	676,232

TGS-NOPEC EARNINGS RELEASE

October 25th, 2007



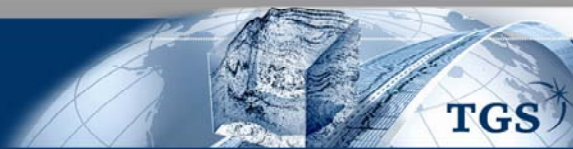
TGS-NOPEC Geophysical Company ASA

Consolidated Cash flow Statement

(All amounts in USD 1000's)	2007 Q3	2006 Q3	2007 YTD	2006 YTD
Cash flow from operating activities:				
Received payments from sales	122,635	99,364	327,718	286,424
Payments for salaries, pensions, social security tax and tax deducted	-10,965	-6,273	-34,864	-25,951
Other operational costs	-20,352	-3,542	-36,846	-11,379
Net gain/(loss) on Currency Exchange and Other Financial Items	-2,537	923	-7,106	-1,673
Paid taxes	-3,109	-9,958	-26,990	-42,914
Net cash flow from operating activities 1)	85,673	80,515	221,912	204,508
Cash flow from investing activities:				
Received payments from fixed assets	0	0	0	910
Investment in tangible fixed assets	-5,349	-929	-17,143	-3,696
Investments in seismic and well logs	-41,675	-47,395	-108,617	-110,237
Investment through Mergers and Acquisitions	-49,614	0	-107,764	-7,238
Net change in non-current receivables	-5	238	-246	-3,811
Interest Income	10,338	1,475	18,992	6,841
Net cash flow from investing activities	-86,304	-46,612	-214,778	-117,230
Cash flow from financing activities:				
Net change in current loans	0	0	0	0
Net change in non-current loans	-769	-200	-841	2,476
Interest Expense	-2,156	-963	-3,870	-2,714
Purchase of treasury shares	-40,743	-9,969	-65,901	-9,969
Paid in equity	1,063	3,082	3,694	7,408
Net cash flow from financing activities	-42,604	-8,049	-66,918	-2,799
Net change in cash and cash equivalents	-43,236	25,854	-59,785	84,478
Cash and cash equivalents at the beginning of period	254,036	192,694	270,585	134,069
Cash and cash equivalents at the end of period	210,801	218,547	210,801	218,547
1) Reconciliation				
Profit before taxes	34,898	57,115	123,110	151,018
Depreciation/Amortization	28,964	29,601	84,681	75,080
Loss/Gain from sale of fixed asset	0	0	0	-572
Changes in accounts receivables	-16,620	-451	7,853	16,738
Changes in other receivables	10,848	2,702	13,457	-3,975
Changes in other balance sheet items	30,691	1,775	19,802	4,412
Paid tax	-3,109	-9,958	-26,990	-42,914
Net cash flow from operating activities	85,673	80,515	221,912	204,508

TGS-NOPEC EARNINGS RELEASE

October 25h, 2007



TGS-NOPEC Geophysical Company ASA

Equity Reconciliation (All amounts in USD 1000's)	2007
Opening Balance January 1st	477,039
Paid in Equity *	1,276,053
Purchase of treasury shares	-66,058
Distribution of treasury shares	12,382
Net Income	92,176
Cost of stock options under IFRS	3,282
Effect of change in exchange rates and other items	1,433
Closing balance per September 30th	1,796,308

* Paid in Equity includes share capital increase in conjunction with TGS-Wavefield merger. This share capital was not issued at September 30th.

Average number of shares outstanding for Current Quarter *

Average number of shares outstanding during the quarter	111,142,389
Average number of shares fully diluted during the quarter	113,702,548

* Shares outstanding net of shares held in treasury (2.410.050 TGS shares, 11.012.200 WAVE shares), composed of average outstanding TGS shares during the full quarter and Wavefield shares for the last ten days.