TGS-NOPEC EARNINGS RELEASE

May 3, 2007

TGS

1st QUARTER 2007 RESULTS

FINANCIAL HIGHLIGHTS

- The comparison of Q1 2007 with Q1 2006 results is complicated by the fact that Q1 2006 results included USD 14 million in net revenues and associated amortization charges originally recognized in the Q4 2005 interim report, but subsequently removed from the final audited and approved 2005 figures due to a change in auditor's interpretation of IFRS rules.
- Consolidated net revenues in Q1 2007 were USD 95.4 million, an increase of 6% compared to reported Q1 2006, but 26% higher than Q1 2006 without the USD 14 million in net revenues deferred from 2005.
- Operating profit (EBIT) was USD 51.1 million (54% of Net Revenues), up 4% from USD 49.1 million reported in Q1 2006 but 39% higher than Q1 2006 without the revenues and costs deferred from 2005.
- Net late sales from the multi-client library totaled USD 72.9 million, up 17% from USD 62.1 million in Q1 2006 without the deferred 2005 sales.
- Net pre-funding revenues of USD 18.1 million covered 55% of operational multi-client investments compared to USD 9.8 million (covering 39% of investments) in Q1 2006.
- Growth in pre-funding, late sales, and contract revenues was slowed by delayed deliveries of two newly rigged 3D vessels under contract.
- Cash flow from operations after taxes but before investments was USD 98.2 million, versus USD 114.8 million in Q1 2006.
- Earnings per share (undiluted) were USD 0.32, up 3% compared to USD 0.31 reported in Q1 2006.

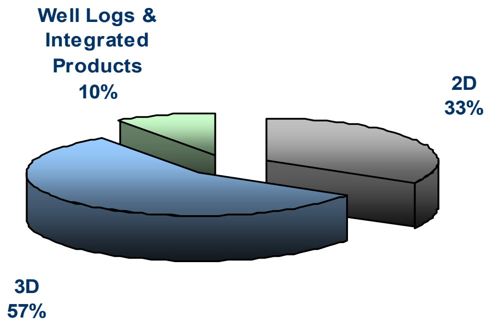
REVENUE BREAKDOWN

TGS' largest business activity is developing, managing, conducting, and selling non-exclusive seismic surveys. This activity accounted for 87% of the Company's business during the quarter. Well logs and integrated products accounted for 10% of net revenues in the 1st quarter. Other contract activity represented the remaining 3% of total revenues.

Consolidated gross late sales in Q1 were USD 77.2 million, representing 77% of gross revenues for the quarter. Net late sales were down 4% compared to reported Q1 2006 figures, but up 17% not including the USD 14 million deferred into Q1 2006 from Q4 2005. Net pre-funding revenues totaled USD 18.1 million, funding 55% of the Company's operational investments into new multi-client products during Q1 (USD 33.1 million). Proprietary contract revenues during the quarter totaled USD 4.3 million compared to USD 3.8 million in Q1 2006.

Consolidated Net Revenues Q1 2007 vs. Q1 2006 per Geographical Region					
(in million USD)	Q1 2007	Q1 2006	Q1 2007	Q1 2006	Change
Eastern Hemisphere	25.9	13.6	27%	15%	90%
Western Hemisphere	69.5	76.1	73%	85%	-9%
Total	95.4	89.7	100%	100%	6%

Q1 2007 Net Revenues by Product Type:



OPERATIONAL COSTS

The consolidated amortization charge associated with net multi-client revenues was 28% of net revenues during Q1 2007 compared to 28% in Q1 2006. This rate does fluctuate from quarter to quarter, depending on the mix of sales.

Costs of materials were only 0.7 million for the quarter as no proprietary seismic acquisition contract activity was conducted. Personnel and other operating costs payable for the quarter, excluding materials, were USD 15.8 million, an increase of 16% from Q1 2006 (USD 13.6 million).

The theoretical, non-cash cost of employees' stock options in accordance with IFRS was USD 1.1 million in Q1 2007, versus USD 0.7 million in Q1 2006.

EBIT and EBITDA

Operating profit (EBIT) for the quarter of USD 51.1 million represented 54% of net revenues. This was 4% higher than the reported USD 49.1 million in Q1 2006.

EBITDA (Earnings before Interest, Tax, Depreciation and Amortization) for the three months ended March 31st was USD 77.8 million, 82% of net revenues, up 5% from USD 73.8 million in Q1 2006.

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. Management charges a tax provision to the profit and loss statement during the first quarter based upon the flat local tax rate of calculated USD pre-tax profit in each company in the Group, assessed to be approximately 33% on a consolidated basis. Adjusted for the non-cash, non-deductible charge for employees' stock options, the estimated tax rate for Q1 2007 is 34%.

NET INCOME AND EARNINGS PER SHARE (EPS)

Net income for Q1 2007 was USD 34.0 million (36% of net revenues) up 4% compared to reported USD 32.6 million (36% of net revenues) from Q1 2006. Quarterly earnings per share (EPS) were USD 0.32 undiluted (USD 0.31 fully diluted), an increase of 3% from EPS reported for Q1 2006 of USD 0.31 (USD 0.30 fully diluted).

MULTI-CLIENT INVESTMENTS

The Company's operational investments in its data library during Q1 2007 increased 31% compared to Q1 2006 to USD 33.1 million. The Company recognized USD 18.1 million in net pre-funding revenues in Q1, funding approximately 55% of its operational multi-client investments during the quarter. The Company purchased additional multi-client products from a 3rd party for USD 1.6 million, bringing total quarterly multi-client investments to USD 34.8 million, 21% higher than in Q1 2006.

BALANCE SHEET & CASH FLOW

The net cash flow from operating activities for the quarter totaled USD 98.2 million. As of March 31st, 2007, the Company's total cash holdings amounted to USD 330.1 million compared to USD 270.6 million at December 31st, 2006.

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 49.0 million at March 31st,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 March 31st, 2007 was USD 514.4 million, representing 72% of total assets.

THE MULTI-CLIENT DATA LIBRARY:

MUSD	Q1 2007	Q1 2006	2006	2005	2004
Beginning Net Book Value	195.6	160.8	160.8	149.5	133.2
Non-Operational Investments	1.6	3.5	4.5	1.6	2.1
Operational Investments	33.1	25.3	131.9	103.8	84.5
Amortization	(25.4)	(23.8)	(101.7)	(94.1)	(70.3)
Ending Net Book Value	205.0	165.8	195.6	160.8	149.5

KEY MULTI CLIENT FIGURES:

MUSD	Q1 2007	Q1 2006	2006	2005	2004
Net MC Revenues	91.1	85.9	376.5	232.1	163.1
Change in MC Revenue	6%	128%	62%	42%	23%
Change in MC Investment	21%	80%	29%	22%	17%
Amort. in % of Net MC Revs.	28%	28%	27%	41%	43%
Change in Net Book Value	5%	3%	22%	8%	12%

OPERATIONAL HIGHLIGHTS

In the Gulf of Mexico TGS continued acquisition of its East Delta ocean bottom cable (OBC) 3D survey and delivered Phase 1 of the Stanley 3D project. Completion of the remainder of the Stanley project was further delayed as delivery of the newly converted 3D vessel Geo Barents is now not expected until May 2007. In addition, delivery of the BGP Pioneer, another newly rigged 3D vessel chartered for operations in West Africa and Europe was further delayed until April 2007.

In January TGS launched the Indonesia Frontier Basins project, a revolutionary multi-client concept designed to more comprehensively evaluate prospectivity in several under-explored basins. Two 2D vessels and two multibeam bathymetry surveying vessels were dedicated to the project in Q1. TGS also acquired two small 2D seismic projects in Africa-Middle East Region and commenced a 44,000-kilometer 2D PSDM reprocessing project in the Santos basin offshore Brazil during the quarter.

During the 1st quarter A2D signed another five-year comprehensive agreement with a major oil and gas company for an increased commitment to digital well log data and a subscription for unlimited access to A2D's depth calibrated smartRASTER database. Also, A2D initiated a new project in Uzbekistan to source and scan hardcopy log data for over 3,500 wells. This data will be converted to high-quality industry standards for addition to A2D's commercial database. Aceca secured solid pre-funding for its 2007 annual subscription product updates in northwest Europe as well as an update to the DSIP (Deep Shelf Interpretation Project) in the Gulf of Mexico.

On March 31st TGS entered into a definitive agreement to acquire all shares of Parallel Data Systems, Inc ("PDS") for USD 60 million in cash and USD 12.5 million in the form of TGS treasury shares. PDS is a high-tech seismic imaging specialist that earned un-audited revenues of $17.5 million and pre-tax profit of $11.7 million in 2006. Founded in 1997, PDS has developed a number of unique proprietary software applications designed to accurately and efficiently process seismic data in both the time and depth domains. The transaction has been approved by the Board of Directors of both companies and is subject to U.S. regulatory approval. The required Hart-Scott-Rodino application was submitted to authorities on April 23rd, and TGS expects initial review of the application within 30 days of the filing.

TGS' backlog for new seismic projects and services was USD 75.5 million per March 31st, 2007, 102% higher than one year ago, but down 14% from the all-time high at year end 2006. Well log and integrated products backlog increased during the quarter from USD 21.1 million to USD 25.4 million, 33% higher than one year ago. Total Company backlog at the end of the 1st quarter was USD 100.7 million, 79% higher than one year ago.

OUTLOOK

Although TGS' growth in the first quarter was hampered by delayed deliveries of new seismic vessels, demand for the Company's products and services remains strong. In line with its normal seasonal pattern, TGS will ramp up its multi-client investments during the summer. In addition to continuing the Indonesia 2D and Gulf of Mexico 3D projects mentioned above, three vessels have recently started work on the 2007 North Sea Renaissance (NSR) 2D campaign, the BGP Pioneer is now commencing a new 3D project in West Africa, and the Geo Barents is expected to resume production on the Stanley 3D project in the Gulf of Mexico during Q2. Another 2D vessel, the BGP Atlas is contracted to begin work in early Q3.

TGS management's expectations for full year 2007 remain unchanged: multi-client library investments of USD 175-185 million, average pre-funding in the range of 50-60% of investments, average annualized multi-client amortization rate in the range of 28-33% of net revenues, and net revenue growth in the range of 20-25%.

Asker, May 2nd, 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).
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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.

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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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TGS-NOPEC EARNINGS RELEASE

May 3rd, 2007

TGS-NOPEC Geophysical Company ASA

Consolidated Profit & Loss Accounts

(All amounts in USD 1000's unless noted otherwise)	2007 Q1	2006 Q1
Operating Revenues		
Sales	99 893	92 973
Revenue sharing	-4 464	-3 272
Net Operating Revenues	**95 429**	**89 701**
Operating expenses		
Materials	724	1 638
Amortization of Multi-Client Data Library	25 392	23 750
Personnel costs	11 591	10 233
Cost of stock options	1 056	672
Other operating expenses	4 245	3 392
Depreciation and Amortization	1 329	916
Total operating expenses	**44 337**	**40 602**
Operating profit	**51 092**	**49 099**
Financial income and expenses		
Financial income	3 975	1 718
Financial expense	-485	-736
Exchange gains/losses	-3 271	-1 033
Net financial items	**219**	**-50**
Profit before taxes	**51 311**	**49 049**
Tax expense	17 281	16 408
Net Income	**34 030**	**32 641**
EPS USD	0,32	0,31
EPS USD, fully diluted	0,31	0,30

TGS-NOPEC Geophysical Company ASA

Consolidated Balance Sheet

(All amounts in USD 1000's)	2007 31-Mar	2006 31-Dec
ASSETS		
Non-Current Assets		
Intangible non-current assets		
Goodwill	27 770	27 770
Multi-Client Data Library, net	204 953	195 572
Other Intangible non-current assets	3 246	3 417
Deferred Tax Asset	7 217	6 397
Tangible non-current assets		
Buildings	2 453	2 415
Machinery and Equipment	17 835	11 999
Financial Assets		
Non-current receivables including pre-payments	6 359	5 223
Total non-current assets	**269 833**	**252 793**
Current assets		
Receivables		
Accounts receivable	105 106	145 066
Other short term receivables	4 632	7 788
Cash and cash equivalents		
Cash and cash equivalents	330 108	270 585
Total current assets	**439 846**	**423 439**
TOTAL ASSETS	**709 678**	**676 232**

TGS-NOPEC Geophysical Company ASA

Consolidated Balance Sheet

(All amounts in USD 1000's)	2007 31-Mar	2006 31-Dec
EQUITY AND LIABILITIES		
Equity		
Share capital	3 827	3 808
Other equity	510 578	473 231
Total equity	**514 405**	**477 039**
Provisions and liabilities		
Provisions		
Deferred tax liability	39 137	36 952
Non-current liabilities		
Non-current loans	49 002	47 734
Capitalized lease liabilities	351	535
Current liabilities		
Current interest-bearing debt	0	0
Accounts payable and debt to partners	42 030	51 013
Taxes payable, withheld payroll tax, social security	32 367	24 632
Other current liabilities	32 385	38 327
Total provisions and liabilities	**195 273**	**199 193**
TOTAL LIABILITIES AND EQUITY	**709 678**	**676 232**

TGS-NOPEC Geophysical Company ASA

Consolidated Cash flow Statement

	2007	2006
(All amounts in USD 1000's)	Q1	Q1
Cash flow from operating activities:		
Received payments from sales	123 149	144 248
Payments for salaries, pensions, social security tax and tax deducted	-8 239	-10 551
Other operational costs	-4 245	-3 392
Net gain/(loss) on Currency Exchange and Other Financial Items	-2 022	-1 033
Paid taxes	-10 412	-14 471
Net cash flow from operating activities 1)	98 231	114 801
Cash flow from investing activities:		
Received payments from fixed assets	0	910
Investment in tangible fixed assets	-7 662	-1 351
Investments in seismic and well logs	-36 764	-28 996
Investment through Mergers and Acquisitions	0	-7 238
Net change in non-current receivables	-121	0
Interest Income	3 975	1 718
Net cash flow from investing activities	-40 571	-34 956
Cash flow from financing activites:		
Net change in current loans	0	0
Net change in non-current loans	69	169
Interest Expense	-485	-736
Purchase of treasury shares	0	0
Paid in equity	2 278	3 152
Net cash flow from financing activites	1 863	2 586
Net change in cash and cash equivalents	59 522	82 430
Cash and cash equivalents at the beginning of period	270 585	134 069
Cash and cash equivalents at the end of period	330 108	216 499
1) Reconciliation		
Profit before taxes	51 311	49 049
Depreciation/Amortization	26 721	24 667
Loss/Gain from sale of fixed asset	0	0
Changes in accounts receivables	39 960	54 071
Changes in other receivables	3 155	476
Changes in other balance sheet items	-12 505	1 010
Paid tax	-10 412	-14 471
Net cash flow from operating activities	98 231	114 801

TGS-NOPEC Geophysical Company ASA

Equity Reconciliation (All amounts in USD 1000's)	2007
Opening Balance 01.01	**477 039**
Paid in Equity	2 278
Purchase of treasury shares	0
Distribution of treasury shares	0
Net Income	34 030
Cost of stock options under IFRS	1 056
Effect of change in exchange rates and other items	2
Closing balance per December 31st	**514 405**

Largest Shareholders per April 24th 2007				Shares	%
1	STATE STREET BANK AND TRUST CO.	U.S.A.	NOM	10 514 112	10 %
2	FOLKETRYGDFONDET	NORWAY		5 600 000	5 %
3	JPMORGAN CHASE BANK	GREAT BRITAIN	NOM	4 996 369	5 %
4	HSBC BANK PLC	GREAT BRITAIN	NOM	3 271 195	3 %
5	STATE STREET BANK AND TRUST CO.	U.S.A.	NOM	2 949 596	3 %
6	STATE STREET BANK AND TRUST CO.	U.S.A.	NOM	2 716 936	3 %
7	BANK OF NEW YORK, BRUSSELS BRANCH	BELGIUM	NOM	2 704 240	3 %
8	INVESTORS BANK & TRUST COMPANY	U.S.A.	NOM	2 209 537	2 %
9	WORTHINGTON, DAVID W.	U.S.A.		2 018 124	2 %
10	HAMILTON, HENRY H.	U.S.A.		2 000 000	2 %
10 Largest				**38 980 109**	**37 %**
Total Shares Outstanding *				**106 224 160**	**100 %**

Shareholders per Country per April 24th 2007	Shares	%
GREAT BRITAIN	34 345 475	32 %
U.S.A.	32 558 080	31 %
NORWAY	22 680 303	21 %
BELGIUM	6 167 403	6 %
OTHER	10 472 899	10 %
Total Shares Outstanding *	**106 224 160**	**100 %**

Average number of shares outstanding for Current Quarter *	
Average number of shares outstanding during the quarter	105 874 604
Average number of shares fully diluted during the quarter	108 814 160

* Shares outstanding net of treasury shares held in treasury (665,368)