

TEEKAY CORP
Form 20-F
April 29, 2013
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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 20-F

(Mark One)

REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) or (g) OF THE SECURITIES EXCHANGE ACT OF 1934

OR

ANNUAL REPORT PURSUANT TO SECTION 13 or 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2012

OR

TRANSITION REPORT PURSUANT TO SECTION 13 or 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

OR

SHELL COMPANY REPORT PURSUANT TO SECTION 13 or 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of event requiring this shell company report

For the transition period from to

Commission file number 1-12874

TEEKAY CORPORATION

(Exact name of Registrant as specified in its charter)

Republic of The Marshall Islands

(Jurisdiction of incorporation or organization)

Not Applicable

(Translation of Registrant's name into English)

4th Floor, Belvedere Building, 69 Pitts Bay Road, Hamilton, HM 08, Bermuda

Telephone: (441) 298-2530

(Address and telephone number of principal executive offices)

Mark Cave

4th Floor, Belvedere Building, 69 Pitts Bay Road, Hamilton, HM 08, Bermuda

Telephone: (441) 298-2530

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(Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

Securities registered, or to be registered, pursuant to Section 12(b) of the Act.

Title of each class	Name of each exchange on which registered
Common Stock, par value of \$0.001 per share	New York Stock Exchange

Securities registered, or to be registered, pursuant to Section 12(g) of the Act.

None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act.

None

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Indicate the number of outstanding shares of each issuer's classes of capital or common stock as of the close of the period covered by the annual report.

69,704,188 shares of Common Stock, par value of \$0.001 per share.

Indicate by check mark whether the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.

Yes No

Indicate by check mark if the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes No

Indicate by check mark if the registrant (1) has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of accelerated filer and large accelerated filer in Rule 12b-2 of the Exchange Act. (Check one):

Large Accelerated Filer Accelerated Filer Non-Accelerated Filer

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP International Financial Reporting Standards as issued by the International Accounting Standards Board Other

If Other has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow:

Item 17 Item 18

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No

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TEEKAY CORPORATION

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PART I

This annual report of Teekay Corporation on Form 20-F for the year ended December 31, 2012 (or Annual Report) should be read in conjunction with the consolidated financial statements and accompanying notes included in this report.

Unless otherwise indicated, references in this Annual Report to Teekay, the Company, we, us and our and similar terms refer to Teekay Corporation and its subsidiaries.

In addition to historical information, this Annual Report contains forward-looking statements that involve risks and uncertainties. Such forward-looking statements relate to future events and our operations, objectives, expectations, performance, financial condition and intentions. When used in this Annual Report, the words expect, intend, plan, believe, anticipate, estimate and variations of such words and similar expressions are intended to identify forward-looking statements. Forward-looking statements in this Annual Report include, in particular, statements regarding:

our future financial condition or results of operations and future revenues and expenses;

tanker market conditions and fundamentals, including the balance of supply and demand in these markets and spot tanker charter rates and oil production;

offshore, liquefied natural gas (or LNG) and liquefied petroleum gas (or LPG) market conditions and fundamentals, including the balance of supply and demand in these markets;

our future growth prospects;

future capital expenditure commitments and the financing requirements for such commitments;

expected costs and delivery dates of and financing for newbuildings, and the commencement of service of newbuildings under long-term time-charter contracts;

the completion of the acquisition of the *Voyageur Spirit* floating, production, storage and offloading (or FPSO) unit;

our acquisition of a HiLoad Dynamic Positioning unit and our entry into a related agreement with Remora AS;

conversion of the *Navion Clipper* into an FSO unit for charter to Salamander Energy plc;

the impact on operating income, the expected repair and insurance coverage, the completion, cost and recovery of certain capital upgrade costs, and the expected return to operations of the *Petrojarl Banff* FPSO unit, following storm damage to the unit which was incurred in December 2011;

the expected timing and costs of upgrades to any vessels;

the future valuation of goodwill;

our expectations as to any impairment of our vessels;

the adequacy of restricted cash deposits to fund capital lease obligations;

the expected timing, amount and method of financing for the purchase of five of our leased Suezmax tankers;

our ability to fulfill our debt obligations;

compliance with financing agreements and the expected effect of restrictive covenants in such agreements;

declining market vessel values and the effect on our liquidity;

operating expenses, availability of crew and crewing costs, number of off-hire days, dry-docking requirements and durations and the adequacy and cost of insurance;

the effectiveness of our risk management policies and procedures and the ability of the counterparties to our derivative contracts to fulfill their contractual obligations;

our ability to maximize the use of our vessels, including the re-deployment or disposition of vessels no longer under long-term contracts;

the cost of, and our ability to comply with, governmental regulations and maritime self-regulatory organization standards applicable to our business;

the impact of future regulatory changes or environmental liabilities;

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taxation of our company and of distributions to our stockholders;

the expected lifespan of our vessels;

the expected impact of heightened environmental and quality concerns of insurance underwriters, regulators and charterers;

the adequacy of our insurance coverage for accident-related risks, environmental damage and pollution;

anticipated funds for liquidity needs and the sufficiency of cash flows;

our hedging activities relating to foreign currency exchange and interest rate risks;

the condition of financial and economic markets, including interest rate volatility and the availability and cost of capital;

the growth of global oil demand;

our exemption from tax on our U.S. source international transportation income;

our expectation regarding uncertain tax positions, including our UK tax leases;

the expected return on our investment in first-priority ship mortgage loans;

the expected recoverability of our investment in terms loans which are collateralized by first-priority mortgages on three Very Large Crude Carriers (or *VLCC*);

our ability to competitively pursue new projects;

our competitive positions in our markets;

our ability to avoid labor disruptions and attract and retain highly skilled personnel;

our involvement in any EU anti-trust investigation of container line operators;

our expectation regarding our vessels' ability to perform to specifications and maintain their hire rates;

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our business strategy and other plans and objectives for future operations; and

our ability to pay dividends on our common stock.

Forward-looking statements involve known and unknown risks and are based upon a number of assumptions and estimates that are inherently subject to significant uncertainties and contingencies, many of which are beyond our control. Actual results may differ materially from those expressed or implied by such forward-looking statements. Important factors that could cause actual results to differ materially include, but are not limited to, those factors discussed below in **Item 3. Key Information Risk Factors** and other factors detailed from time to time in other reports we file with the U.S. Securities and Exchange Commission (or *SEC*).

We do not intend to revise any forward-looking statements in order to reflect any change in our expectations or events or circumstances that may subsequently arise. You should carefully review and consider the various disclosures included in this Annual Report and in our other filings made with the SEC that attempt to advise interested parties of the risks and factors that may affect our business, prospects and results of operations.

Item 1. Identity of Directors, Senior Management and Advisors

Not applicable.

Item 2. Offer Statistics and Expected Timetable

Not applicable.

Item 3. Key Information

Selected Financial Data

Set forth below is selected consolidated financial and other data of Teekay for fiscal years 2008 through 2012, which have been derived from our consolidated financial statements. The data below should be read in conjunction with the consolidated financial statements and the notes thereto and the Reports of Independent Registered Public Accounting Firms therein with respect to fiscal years 2012, 2011, and 2010 (which are included herein) and **Item 5. Operating and Financial Review and Prospects**.

Our consolidated financial statements are prepared in accordance with United States generally accepted accounting principles (or *GAAP*).

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	Years Ended December 31,				
	2008	2009	2010	2011	2012
	(8)				
	(in thousands of U.S. Dollars, except share, per share, and fleet data)				
Income Statement Data:					
Revenues	\$ 3,229,443	\$ 2,181,605	\$ 2,095,753	\$ 1,953,782	\$ 1,956,235
Total operating expenses ⁽¹⁾	(2,969,324)	(2,011,817)	(1,861,630)	(1,845,370)	(2,106,628)
Income (loss) from vessel operations	260,119	169,788	234,123	108,412	(150,393)
Interest expense	(290,933)	(141,448)	(136,107)	(137,604)	(167,615)
Interest income	97,111	19,999	12,999	10,078	6,159
Realized and unrealized (loss) gain on non-designated derivative instruments	(567,074)	140,046	(299,598)	(342,722)	(80,352)
Equity (loss) income from joint ventures	(36,085)	52,242	(11,257)	(35,309)	79,211
Foreign exchange gain (loss)	24,727	(20,922)	31,983	12,654	(12,898)
Other (loss) income	(3,935)	12,961	(5,118)	12,360	366
Income tax recovery (expense)	56,176	(22,889)	6,340	(4,290)	14,406
Net (loss) income	(459,894)	209,777	(166,635)	(376,421)	(311,116)
Less: Net (income) loss attributable to non-controlling interests	(9,561)	(81,365)	(100,652)	17,805	150,936
Net (loss) income attributable to stockholders of Teekay Corporation ⁽²⁾	(469,455)	128,412	(267,287)	(358,616)	(160,180)
Per Common Share Data:					
Basic (loss) earnings attributable to stockholders of Teekay Corporation	(6.48)	1.77	(3.67)	(5.11)	(2.31)
Diluted (loss) earnings attributable to stockholders of Teekay Corporation	(6.48)	1.76	(3.67)	(5.11)	(2.31)
Cash dividends declared	1.1413	1.2650	1.2650	1.2650	1.2650
Balance Sheet Data (at end of year):					
Cash and cash equivalents	\$ 814,165	\$ 422,510	\$ 779,748	\$ 692,127	\$ 639,491
Restricted cash	650,556	615,311	576,271	500,154	533,819
Vessels and equipment	7,267,094	6,835,597	6,771,375	7,890,761	7,321,058
Net investments in direct financing leases	79,508	512,412	487,516	459,908	436,601
Total assets	10,215,001	9,517,432	9,912,348	11,137,677	11,002,025
Total debt (including capital lease obligations)	5,770,133	5,203,441	5,170,198	6,091,420	6,197,288
Capital stock and additional paid-in capital	642,911	656,193	672,684	660,917	681,933
Non-controlling interest	583,938	855,580	1,353,561	1,863,798	1,876,085
Total equity	2,652,405	3,095,670	3,332,008	3,303,794	3,191,474
Number of outstanding shares of common stock	72,512,291	72,694,345	72,012,843	68,732,341	69,704,188
Other Financial Data:					
Net revenues ⁽³⁾	\$ 2,471,055	\$ 1,887,514	\$ 1,850,656	\$ 1,777,168	\$ 1,817,952
EBITDA ⁽⁴⁾	96,554	791,291	390,838	184,003	291,832
Adjusted EBITDA ⁽⁴⁾	892,616	563,217	696,876	638,161	768,766
Total debt to total capitalization ⁽⁵⁾	68.5%	62.7%	60.8%	64.9%	66.0%
Net debt to total net capitalization ⁽⁶⁾	61.9%	57.4%	53.4%	59.8%	61.2%
Capital expenditures:					
Vessel and equipment purchases ⁽⁷⁾	\$ 716,765	\$ 495,214	\$ 343,091	\$ 755,045	\$ 523,597

(1) Total operating expenses include, among other things, the following:

	Years Ended December 31,				
	2008	2009	2010	2011	2012
	(8)				

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	(in thousands)				
Asset impairments and net gain (loss) on sale of vessels and equipment	\$ 50,267	(\$ 12,629)	(\$ 49,150)	(\$ 151,059)	(\$ 441,057)
Unrealized (losses) gains on derivative instruments	(8,325)	14,915	(4,875)	(791)	(660)
Restructuring charges	(15,629)	(14,444)	(16,396)	(5,490)	(7,565)
Goodwill impairment charge	(334,165)			(36,652)	
Bargain purchase gain				68,535	
	\$ (307,852)	\$ (12,158)	\$ (70,421)	\$ (125,457)	\$ (449,282)

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- (2) In January 2009, we adopted an amendment to Financial Accounting Standards Board (or *FASB*) Accounting Standards Codification (or *ASC*) 810, *Consolidations*, which requires us to include the portion of net income (loss) that is attributable to the non-controlling interest as part of our total net income (loss).
- (3) Consistent with general practice in the shipping industry, we use net revenues (defined as revenues less voyage expenses) as a measure of equating revenues generated from voyage charters to revenues generated from time-charters, which assists us in making operating decisions about the deployment of our vessels and their performance. Under time-charters the charterer pays the voyage expenses, which are all expenses unique to a particular voyage, including any bunker fuel expenses, port fees, cargo loading and unloading expenses, canal tolls, agency fees and commissions, whereas under voyage-charter contracts the ship-owner pays these expenses. Some voyage expenses are fixed, and the remainder can be estimated. If we, as the ship-owner, pay the voyage expenses, we typically pass the approximate amount of these expenses on to our customers by charging higher rates under the contract or billing the expenses to them. As a result, although revenues from different types of contracts may vary, the net revenues after subtracting voyage expenses, which we call net revenues, are comparable across the different types of contracts. We principally use net revenues, a non-GAAP financial measure, because it provides more meaningful information to us than revenues, the most directly comparable GAAP financial measure. Net revenues are also widely used by investors and analysts in the shipping industry for comparing financial performance between companies and to industry averages. The following table reconciles net revenues with revenues.

	Year Ended December 31,				
	2008	2009	2010	2011	2012
	(in thousands of U.S. Dollars)				
Revenues	\$ 3,229,443	\$ 2,181,605	\$ 2,095,753	\$ 1,953,782	\$ 1,956,235
Voyage expenses	(\$ 758,388)	(\$ 294,091)	(\$ 245,097)	(\$ 176,614)	(\$ 138,283)
Net revenues	\$ 2,471,055	\$ 1,887,514	\$ 1,850,656	\$ 1,777,168	\$ 1,817,952

- (4) EBITDA represents earnings before interest, taxes, depreciation and amortization. Adjusted EBITDA represents EBITDA before restructuring charges, unrealized foreign exchange (gain) loss, asset impairments and net (gain) loss on sale of vessels and equipment, goodwill impairment charge, bargain purchase gain, amortization of in-process revenue contracts, unrealized (gains) losses on derivative instruments, realized losses (gains) on interest rate swaps, realized losses on interest rate swap amendments and terminations, and share of unrealized losses (gains) on interest rate swaps in non-consolidated joint ventures. EBITDA and Adjusted EBITDA are used as supplemental financial measures by management and by external users of our financial statements, such as investors, as discussed below.

Financial and operating performance. EBITDA and Adjusted EBITDA assist our management and security holders by increasing the comparability of our fundamental performance from period to period and against the fundamental performance of other companies in our industry that provide EBITDA or Adjusted EBITDA-based information. This increased comparability is achieved by excluding the potentially disparate effects between periods or companies of interest expense, taxes, depreciation or amortization (or other items in determining Adjusted EBITDA), which items are affected by various and possibly changing financing methods, capital structure and historical cost basis and which items may significantly affect net income between periods. We believe that including EBITDA and Adjusted EBITDA as a financial and operating measure benefits security holders in (a) selecting between investing in us and other investment alternatives and (b) monitoring our ongoing financial and operational strength and health in assessing whether to continue to hold our equity, or debt securities, as applicable.

Liquidity. EBITDA and Adjusted EBITDA allow us to assess the ability of assets to generate cash sufficient to service debt, pay dividends and undertake capital expenditures. By eliminating the cash flow effect resulting from our existing capitalization and other items such as dry-docking expenditures, working capital changes and foreign currency exchange gains and losses (which may vary significantly from period to period), EBITDA and Adjusted EBITDA provide a consistent measure of our ability to generate cash over the long term. Management uses this information as a significant factor in determining (a) our proper capitalization (including assessing how much debt to incur and whether changes to the capitalization should be made) and (b) whether to undertake material capital expenditures and how to finance them, all in light of our dividend policy. Use of EBITDA and Adjusted EBITDA as liquidity measures also permits security holders to assess the fundamental ability of our business to generate cash sufficient to meet cash needs, including dividends on shares of our common stock and repayments under debt instruments.

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Neither EBITDA nor Adjusted EBITDA should be considered as an alternative to net income, operating income, cash flow from operating activities or any other measure of financial performance or liquidity presented in accordance with GAAP. EBITDA and Adjusted EBITDA exclude some, but not all, items that affect net income and operating income, and these measures may vary among other companies. Therefore, EBITDA and Adjusted EBITDA as presented below may not be comparable to similarly titled measures of other companies.

The following table reconciles our historical consolidated EBITDA and Adjusted EBITDA to net income (loss), and our historical consolidated Adjusted EBITDA to net operating cash flow.

	Year Ended December 31,				
2008	2009	2010	2011	2012	
			(8)		
	(in thousands of U.S. Dollars)				
Income Statement Data:					
Reconciliation of EBITDA and Adjusted EBITDA to Net income					
(Loss)					
Net (loss) income	\$ (459,894)	\$ 209,777	\$ (166,635)	\$ (376,421)	\$ (311,116)
Income tax (recovery) expense	(56,176)	22,889	(6,340)	4,290	(14,406)
Depreciation and amortization	418,802	437,176	440,705	428,608	455,898
Interest expense, net of interest income	193,822	121,449	123,108	127,526	161,456

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EBITDA	96,554	791,291	390,838	184,003	291,832
Restructuring charges	15,629	14,444	16,396	5,490	7,565
Foreign exchange (gain) loss	(24,727)	20,922	(31,983)	(12,654)	12,898
Asset impairments and net (gain) loss on sale of vessels and equipment	(50,267)	12,629	49,150	151,059	441,057
Goodwill impairment charge	334,165			36,652	
Bargain purchase gain				(68,535)	
Amortization of in-process revenue contracts	(74,425)	(75,977)	(48,254)	(46,436)	(72,933)
Unrealized losses (gains) on derivative instruments	530,283	(293,174)	140,187	70,822	(29,658)
Realized losses on interest rate swaps	32,445	127,936	154,098	132,931	123,277
Realized losses on interest rate swap amendments and terminations				149,666	
Unrealized losses (gains) on interest rate swaps in non-consolidated joint ventures	32,959	(34,854)	26,444	35,163	(5,272)
Adjusted EBITDA	892,616	563,217	696,876	638,161	768,766
Reconciliation of Adjusted EBITDA to net operating cash flow					
Net operating cash flow	523,641	368,251	411,750	107,193	288,936
Expenditures for drydocking	101,511	78,005	57,483	55,620	35,023
Interest expense, net of interest income	193,822	121,449	123,108	127,526	161,456
Change in non-cash working capital items related to operating activities	28,816	(148,655)	(45,415)	84,347	115,209
Write-down and gain on sale of marketable securities	(15,581)		1,805	3,372	(2,560)
Write-down of equity accounted investments				(19,411)	(1,767)
Loss on notes repurchase	(1,310)	(566)	(12,645)		
Equity (loss) income, net of dividends received	(30,352)	49,299	(11,257)	(31,376)	65,639
Other income (loss)	25,153	(837)	(9,627)	3,902	(9,347)
Employee stock option compensation	(14,117)	(11,255)	(15,264)	(16,262)	(9,393)
Restructuring charges	15,629	14,444	16,396	5,490	7,565
Realized losses on interest rate swaps	32,445	127,936	154,098	132,931	123,277
Realized losses on interest rate swap resets and terminations				149,666	
Unrealized losses (gains) on interest rate swaps in non-consolidated joint ventures	32,959	(34,854)	26,444	35,163	(5,272)
Adjusted EBITDA	892,616	563,217	696,876	638,161	768,766

(5) Total capitalization represents total debt and total equity.

(6) Net debt represents total debt less cash, cash equivalents and restricted cash. Total net capitalization represents net debt and total equity.

(7) Excludes vessels purchased in connection with our acquisitions of the remaining 35% of Teekay Petrojarl ASA (or *Teekay Petrojarl*) in 2008, our acquisition of FPSO units and Investment in Sevan Marine ASA (or *Sevan*) in 2011 and 2012, and our acquisition of LNG carriers through our 52% interest in the Teekay LNG Marubeni Joint Venture. Please read Item 5. Operating and Financial Review and Prospects. The expenditures for vessels and equipment exclude non-cash investing activities. Please read Item 18. Financial Statements: Note 17 Supplemental Cash Flow Information.

(8) Bargain purchase gain and net loss have been restated for the finalization of the Sevan purchase price allocation. Please read Item 18. Financial Statements: Note 3a Acquisitions FPSO Units and Investments in Sevan Marine ASA.

Risk Factors***Changes in the oil and natural gas markets could result in decreased demand for our vessels and services.***

Demand for our vessels and services in transporting, production and storage of oil, petroleum products, LNG and LPG depend upon world and regional oil, petroleum and natural gas markets. Any decrease in shipments of oil, petroleum products, LNG or LPG in those markets could have a material adverse effect on our business, financial condition and results of operations. Historically, those markets have been volatile as a result of the many conditions and events that affect the price, production and transport of oil, petroleum products, LNG or LPG, and competition from alternative energy sources. A slowdown of the U.S. and world economies may result in reduced consumption of oil, petroleum products and natural gas and decreased demand for our vessels and services, which would reduce vessel earnings.

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The cyclical nature of the tanker industry may lead to volatile changes in charter rates and significant fluctuations in the utilization of our vessels, which may adversely affect our earnings and profitability.

Historically, the tanker industry has been cyclical, experiencing volatility in profitability due to changes in the supply of and demand for tanker capacity and changes in the supply of and demand for oil and oil products. The cyclical nature of the tanker industry may cause significant increases or decreases in the revenue we earn from our vessels and may also cause significant increases or decreases in the value of our vessels. If the tanker market is depressed, our earnings may decrease, particularly with respect to our spot tanker sub-segment, a subset of our conventional tanker segment, which accounted for approximately 7% and 9% of our net revenues during 2012 and 2011, respectively. The spot-charter market is highly volatile and fluctuates based upon tanker and oil supply and demand, and declining spot rates in a given period generally will result in corresponding declines in operating results for that period. The successful operation of our vessels in the spot-charter market depends upon, among other things, obtaining profitable spot charters and minimizing, to the extent possible, time spent waiting for charters and time spent traveling unladen to pick up cargo. Future spot rates may not be sufficient to enable our vessels trading in the spot tanker market to operate profitably or to provide sufficient cash flow to service our debt obligations. The factors affecting the supply of and demand for tankers are outside of our control, and the nature, timing and degree of changes in industry conditions are unpredictable.

Factors that influence demand for tanker capacity include:

demand for oil and oil products;

supply of oil and oil products;

regional availability of refining capacity;

global and regional economic and political conditions;

the distance oil and oil products are to be moved by sea; and

changes in seaborne and other transportation patterns.

Factors that influence the supply of tanker capacity include:

the number of newbuilding deliveries;

the scrapping rate of older vessels;

conversion of tankers to other uses;

the number of vessels that are out of service; and

environmental concerns and regulations.

Changes in demand for transportation of oil over longer distances and in the supply of tankers to carry that oil may materially affect our revenues, profitability and cash flows.

Reduction in oil produced from offshore oil fields could harm our shuttle tanker and FPSO businesses.

As at December 31, 2012, we had 34 vessels operating in our shuttle tanker fleet and seven FPSO units operating in our FPSO fleet. A majority of our shuttle tankers and all of our FPSO units earn revenue that depends upon the volume of oil we transport or the volume of oil produced from offshore oil fields. Oil production levels are affected by several factors, all of which are beyond our control, including:

geologic factors, including general declines in production that occur naturally over time;

the rate of technical developments in extracting oil and related infrastructure and implementation costs; and

operator decisions based on revenue compared to costs from continued operations.

Factors that may affect an operator's decision to initiate or continue production include: changes in oil prices; capital budget limitations; the availability of necessary drilling and other governmental permits; the availability of qualified personnel and equipment; the quality of drilling prospects in the area; and regulatory changes. In addition, the volume of oil we transport may be adversely affected by extended repairs to oil field installations or suspensions of field operations as a result of oil spills, operational difficulties, strikes, employee lockouts or other labor unrest. The rate of oil production at fields we service may decline from existing or future levels, and may be terminated, all of which could harm our business and operating results. In addition, if such a reduction or termination occurs, the spot tanker market rates, if any, in the conventional oil tanker trades at which we may be able to redeploy the affected shuttle tankers may be lower than the rates previously earned by the vessels under contracts of affreightment, which would also harm our business and operating results.

The redeployment risk of FPSO units is high given their lack of alternative uses and significant costs.

FPSO units are specialized vessels that have very limited alternative uses and high fixed costs. In addition, FPSO units typically require substantial capital investments prior to being redeployed to a new field and production service agreement. Unless extended, certain of our FPSO production service agreements will expire during the next seven years. Our clients may also terminate certain of our FPSO production service agreements prior to their expiration under specified circumstances. Any idle time prior to the commencement of a new contract or our inability to redeploy the vessels at acceptable rates may have an adverse effect on our business and operating results.

The duration of many of our shuttle tanker and FPSO contracts is the life of the relevant oil field or is subject to extension by the field operator or vessel charterer. If the oil field no longer produces oil or is abandoned or the contract term is not extended, we will no longer generate revenue under the related contract and will need to seek to redeploy affected vessels.

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Some of our shuttle tanker contracts have a life-of-field duration, which means that the contract continues until oil production at the field ceases. If production terminates for any reason, we no longer will generate revenue under the related contract. Other shuttle tanker and floating storage and off-take (or FSO) contracts under which our vessels operate are subject to extensions beyond their initial term. The likelihood of these contracts being extended may be negatively affected by reductions in oil field reserves, low oil prices generally or other factors. If we are unable to promptly redeploy any affected vessels at rates at least equal to those under the contracts, if at all, our operating results will be harmed. Any potential redeployment may not be under long-term contracts, which may affect the stability of our business and operating results.

Charter rates for conventional oil and product tankers may fluctuate substantially over time and may be lower when we are attempting to re-charter conventional oil or product tankers, which could adversely affect our operating results. Any changes in charter rates for LNG or LPG carriers, shuttle tankers or FSO or FPSO units could also adversely affect redeployment opportunities for those vessels.

Our ability to re-charter our conventional oil and product tankers following expiration of existing time-charter contracts and the rates payable upon any renewal or replacement charters will depend upon, among other things, the state of the conventional tanker market. Conventional oil and product tanker trades are highly competitive and have experienced significant fluctuations in charter rates based on, among other things, oil, refined petroleum product and vessel demand. For example, an oversupply of conventional oil tankers can significantly reduce their charter rates. There also exists some volatility in charter rates for LNG and LPG carriers, shuttle tankers and FSO and FPSO units, which could also adversely affect redeployment opportunities for those vessels.

Over time, the value of our vessels may decline, which could adversely affect our operating results.

Vessel values for oil and product tankers, LNG and LPG carriers and FPSO and FSO units can fluctuate substantially over time due to a number of different factors. Vessel values may decline from existing levels. If operation of a vessel is not profitable, or if we cannot re-deploy a chartered vessel at attractive rates upon charter termination, rather than continue to incur costs to maintain and finance the vessel, we may seek to dispose of it. Our inability to dispose of the vessel at a fair market value could result in a loss on its sale and adversely affect our results of operations and financial condition. Further, if we determine at any time that a vessel's future useful life and earnings require us to impair its value on our financial statements, we may need to recognize a significant charge against our earnings. Vessel values, particularly of tankers, have declined over the past few years, and have contributed to charges against our earnings.

Our growth depends on continued growth in demand for LNG and LPG, and LNG and LPG shipping, as well as offshore oil transportation, production, processing and storage services.

A significant portion of our growth strategy focuses on continued expansion in the LNG and LPG shipping sectors and on expansion in the FPSO, shuttle tanker, and FSO sectors.

Expansion of the LNG and LPG shipping sectors depends on continued growth in world and regional demand for LNG and LPG and LNG and LPG shipping and the supply of LNG and LPG. Demand for LNG and LPG and LNG and LPG shipping could be negatively affected by a number of factors, such as increases in the costs of natural gas derived from LNG relative to the cost of natural gas generally, increases in the production of natural gas in areas linked by pipelines to consuming areas, increases in the price of LNG and LPG relative to other energy sources, the availability of new energy sources, and negative global or regional economic or political conditions. Reduced demand for LNG or LPG and LNG or LPG shipping would have a material adverse effect on future growth of our liquefied gas segment, and could harm that segment's results. Growth of the LNG and LPG markets may be limited by infrastructure constraints and community and environmental group resistance to new LNG and LPG infrastructure over concerns about the environment, safety and terrorism. If the LNG or LPG supply chain is disrupted or does not continue to grow, or if a significant LNG or LPG explosion, spill or similar incident occurs, it could have a material adverse effect on growth and could harm our business, results of operations and financial condition.

Expansion of the FPSO, shuttle tanker, and FSO sectors depends on continued growth in world and regional demand for these offshore services, which could be negatively affected by a number of factors, such as:

decreases in the actual or projected price of oil, which could lead to a reduction in or termination of production of oil at certain fields we service or a reduction in exploration for or development of new offshore oil fields;

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increases in the production of oil in areas linked by pipelines to consuming areas, the extension of existing, or the development of new, pipeline systems in markets we may serve, or the conversion of existing non-oil pipelines to oil pipelines in those markets;

decreases in the consumption of oil due to increases in its price relative to other energy sources, other factors making consumption of oil less attractive or energy conservation measures;

availability of new, alternative energy sources; and

negative global or regional economic or political conditions, particularly in oil consuming regions, which could reduce energy consumption or its growth.

Reduced demand for offshore marine transportation, production, processing or storage services would have a material adverse effect on our future growth and could harm our business, results of operations and financial condition.

The intense competition in our markets may lead to reduced profitability or expansion opportunities.

Our vessels operate in highly competitive markets. Competition arises primarily from other vessel owners, including major oil companies and independent companies. We also compete with owners of other size vessels. Our market share is insufficient to enforce any degree of pricing discipline in the markets in which we operate and our competitive position may erode in the future. Any new markets that we enter could include participants that have greater financial strength and capital resources than we have. We may not be successful in entering new markets.

One of our objectives is to enter into additional long-term, fixed-rate time charters for our LNG and LPG carriers, shuttle tankers, FPSO and FSO units. The process of obtaining new long-term time charters is highly competitive and generally involves an intensive screening process and competitive bids, and often extends for several months. We expect substantial competition for providing services for potential LNG, LPG, FPSO,

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shuttle tanker and FSO projects from a number of experienced companies, including state-sponsored entities and major energy companies. Some of these competitors have greater experience in these markets and greater financial resources than do we. We anticipate that an increasing number of marine transportation companies, including many with strong reputations and extensive resources and experience, will enter the LNG and LPG transportation, shuttle tanker, FSO and FPSO sectors. This increased competition may cause greater price competition for time-charters. As a result of these factors, we may be unable to expand our relationships with existing customers or to obtain new customers on a profitable basis, if at all, which would have a material adverse effect on our business, results of operations and financial condition.

The loss of any key customer or its inability to pay for our services could result in a significant loss of revenue in a given period.

We have derived, and believe that we will continue to derive, a significant portion of our revenues from a limited number of customers. Three customers, international oil companies, accounted for an aggregate of 39%, or \$760.3 million, of our consolidated revenues during 2012 (2011 three customers for 36% or \$698.9 million, 2010 three customers for 38% or \$778.6 million). The loss of any significant customer or a substantial decline in the amount of services requested by a significant customer, or the inability of a significant customer to pay for our services, could have a material adverse effect on our business, financial condition and results of operations.

Future adverse economic conditions, including disruptions in the global credit markets, could adversely affect our results of operations.

Economic downturns and financial crises in the global markets could produce illiquidity in the capital markets, market volatility, heightened exposure to interest rate and credit risks and reduced access to capital markets. If global financial markets and economic conditions significantly deteriorate in the future, we may face restricted access to the capital markets or bank lending, which may make it more difficult and costly to fund future growth. Decreased access to such resources could have a material adverse effect on our business, financial condition and results of operations.

Our operations are subject to substantial environmental and other regulations, which may significantly increase our expenses.

Our operations are affected by extensive and changing international, national and local environmental protection laws, regulations, treaties and conventions in force in international waters, the jurisdictional waters of the countries in which our vessels operate, as well as the countries of our vessels' registration, including those governing oil spills, discharges to air and water, and the handling and disposal of hazardous substances and wastes. Many of these requirements are designed to reduce the risk of oil spills and other pollution. In addition, we believe that the heightened environmental, quality and security concerns of insurance underwriters, regulators and charterers will lead to additional regulatory requirements, including enhanced risk assessment and security requirements and greater inspection and safety requirements on vessels. We expect to incur substantial expenses in complying with these laws and regulations, including expenses for vessel modifications and changes in operating procedures.

These requirements can affect the resale value or useful lives of our vessels, require a reduction in cargo capacity, ship modifications or operational changes or restrictions, lead to decreased availability of insurance coverage for environmental matters or result in the denial of access to certain jurisdictional waters or ports, or detention in, certain ports. Under local, national and foreign laws, as well as international treaties and conventions, we could incur material liabilities, including cleanup obligations, in the event that there is a release of petroleum or other hazardous substances from our vessels or otherwise in connection with our operations. We could also become subject to personal injury or property damage claims relating to the release of or exposure to hazardous materials associated with our operations. In addition, failure to comply with applicable laws and regulations may result in administrative and civil penalties, criminal sanctions or the suspension or termination of our operations, including, in certain instances, seizure or detention of our vessels. For further information about regulations affecting our business and related requirements on us, please read Item 4. Information on the Company B. Operations Regulations.

We may be unable to make or realize expected benefits from acquisitions, and implementing our strategy of growth through acquisitions may harm our financial condition and performance.

A principal component of our strategy is to continue to grow by expanding our business both in the geographic areas and markets where we have historically focused as well as into new geographic areas, market segments and services. We may not be successful in expanding our operations and any expansion may not be profitable. Our strategy of growth through acquisitions involves business risks commonly encountered in acquisitions of companies, including:

interruption of, or loss of momentum in, the activities of one or more of an acquired company's businesses and our businesses;

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additional demands on members of our senior management while integrating acquired businesses, which would decrease the time they have to manage our existing business, service existing customers and attract new customers;

difficulties in integrating the operations, personnel and business culture of acquired companies;

difficulties of coordinating and managing geographically separate organizations;

adverse effects on relationships with our existing suppliers and customers, and those of the companies acquired;

difficulties entering geographic markets or new market segments in which we have no or limited experience; and

loss of key officers and employees of acquired companies.

Acquisitions may not be profitable to us at the time of their completion and may not generate revenues sufficient to justify our investment. In addition, our acquisition growth strategy exposes us to risks that may harm our results of operations and financial condition, including risks that we may: fail to realize anticipated benefits, such as cost-savings, revenue and cash flow enhancements and earnings accretion; decrease our liquidity by using a significant portion of our available cash or borrowing capacity to finance acquisitions; incur additional indebtedness, which may result in significantly increased interest expense or financial leverage, or issue additional equity securities to finance acquisitions, which may result in significant shareholder dilution; incur or assume unanticipated liabilities, losses or costs associated with the business acquired; or incur other significant charges, such as impairment of goodwill or other intangible assets, asset devaluation or restructuring charges.

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The strain that growth places upon our systems and management resources may harm our business.

Our growth has placed, and we believe it will continue to place, significant demands on our management, operational and financial resources. As we expand our operations, we must effectively manage and monitor operations, control costs and maintain quality and control in geographically dispersed markets. In addition, our three publicly traded subsidiaries have increased our complexity and placed additional demands on our management. Our future growth and financial performance will also depend on our ability to recruit, train, manage and motivate our employees to support our expanded operations and continue to improve our customer support, financial controls and information systems.

These efforts may not be successful and may not occur in a timely or efficient manner. Failure to effectively manage our growth and the system and procedural transitions required by expansion in a cost-effective manner could have a material adverse effect on our business.

Default by the borrower of the term loans in which we have invested could adversely affect our cash flows and financial condition.

We have invested in term loans with a total principal amount outstanding of \$185.0 million as of December 31, 2012. We receive quarterly interest payments on the loans, two of the loans outstanding will be due in July 2013 and the remaining loan outstanding will be due in February 2014. The term loans are collateralized by first priority mortgages on two 2010-built and one 2011-built Very Large Crude Carriers (or VLCCs), together with other related security. The borrower on these loans is facing financial difficulty and failed to pay the January 31, 2013 interest payment in full as we received a nominal amount in March 2013. A full recovery of all amounts due under the loan agreements will be dependent upon cash flow generated by the borrower, financial support from the borrower's ultimate parent company and our ability to realize the value of the primary collateral, the three VLCCs. Failure of the borrower to pay interest or to repay principal under the loans would harm our results of operations and, to the extent we are unable to foreclose on the collateral, financial condition.

Our insurance may not be sufficient to cover losses that may occur to our property or as a result of our operations.

The operation of oil and product tankers, LNG and LPG carriers, and FPSO and FSO units is inherently risky. Although we carry hull and machinery (marine and war risk) and protection and indemnity insurance, all risks may not be adequately insured against, and any particular claim may not be paid. In addition, we do not generally carry insurance on our vessels covering the loss of revenues resulting from vessel off-hire time based on its cost compared to our off-hire experience. Any significant off-hire time of our vessels could harm our business, operating results and financial condition. Any claims relating to our operations covered by insurance would be subject to deductibles, and since it is possible that a large number of claims may be brought, the aggregate amount of these deductibles could be material. Certain of our insurance coverage is maintained through mutual protection and indemnity associations and as a member of such associations we may be required to make additional payments over and above budgeted premiums if member claims exceed association reserves.

We may be unable to procure adequate insurance coverage at commercially reasonable rates in the future. For example, more stringent environmental regulations have led in the past to increased costs for, and in the future may result in the lack of availability of, insurance against risks of environmental damage or pollution. A catastrophic oil spill, marine disaster or natural disasters could result in losses that exceed our insurance coverage, which could harm our business, financial condition and operating results. Any uninsured or underinsured loss could harm our business and financial condition. In addition, our insurance may be voidable by the insurers as a result of certain of our actions, such as our ships failing to maintain certification with applicable maritime self-regulatory organizations.

Changes in the insurance markets attributable to terrorist attacks may also make certain types of insurance more difficult for us to obtain. In addition, the insurance that may be available may be significantly more expensive than our existing coverage.

Past port calls by our vessels, or third-party vessels from which we derived pooling revenues, to countries that are subject to sanctions imposed by the United States and the European Union may impact investors' decisions to invest in our securities.

The United States government has imposed sanctions on Iran, Syria and Sudan. The European Union (or EU) has also imposed sanctions on trade with Iran. In the past, conventional oil tankers owned or chartered-in by us, or third-party vessels participating in commercial pooling arrangements from which we derive revenue, made limited port calls to those countries for the loading and discharging of oil products. Those port calls did not violate U.S. or EU sanctions and we intend to maintain our compliance with all U.S. and EU sanctions. In addition, we have no future contracted loadings or discharges in any of those countries and intend not to enter into voyage charter contracts for the transport of oil or gas to or from Iran, Syria or Sudan. We believe that our compliance with these sanctions and our lack of any future port calls to those countries does not and will not adversely impact our revenues, because port calls to these countries have never accounted for any material amount of our revenues. However, some investors might decide not to invest in us simply because we have previously called on, or through our participation in pooling arrangements have previously received revenue from calls on, ports in these sanctioned countries. Any such investor reaction could adversely affect the market for our common shares.

Marine transportation is inherently risky, and an incident involving significant loss of or environmental contamination by any of our vessels could harm our reputation and business.

Our vessels and their cargoes are at risk of being damaged or lost because of events such as:

marine disaster;

bad weather or natural disasters;

mechanical failures;

grounding, fire, explosions and collisions;

piracy;

human error; and

war and terrorism.

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An accident involving any of our vessels could result in any of the following:

death or injury to persons, loss of property or environmental damage or pollution;

delays in the delivery of cargo;

loss of revenues from or termination of charter contracts;

governmental fines, penalties or restrictions on conducting business;

higher insurance rates; and

damage to our reputation and customer relationships generally.

Any of these results could have a material adverse effect on our business, financial condition and operating results.

Our operating results are subject to seasonal fluctuations.

We operate our conventional tankers in markets that have historically exhibited seasonal variations in demand and, therefore, in charter rates. This seasonality may result in quarter-to-quarter volatility in our results of operations. Tanker markets are typically stronger in the winter months as a result of increased oil consumption in the Northern Hemisphere. In addition, unpredictable weather patterns in these months tend to disrupt vessel scheduling, which historically has increased oil price volatility and oil trading activities in the winter months. As a result, our revenues have historically been weaker during the fiscal quarters ended June 30 and September 30, and stronger in our fiscal quarters ended March 31 and December 31.

Due to harsh winter weather conditions, oil field operators in the North Sea typically schedule oil platform and other infrastructure repairs and maintenance during the summer months. Because the North Sea is our primary existing offshore oil market, this seasonal repair and maintenance activity contributes to quarter-to-quarter volatility in our results of operations, as oil production typically is lower in the fiscal quarters ended June 30 and September 30 in this region compared with production in the fiscal quarters ended March 31 and December 31. Because a number of our North Sea shuttle tankers operate under contracts of affreightment, under which revenue is based on the volume of oil transported, the results of our shuttle tanker operations in the North Sea under these contracts generally reflect this seasonal production pattern. When we redeploy affected shuttle tankers as conventional oil tankers while platform maintenance and repairs are conducted, the overall financial results for our North Sea shuttle tanker operations may be negatively affected if the rates in the conventional oil tanker markets are lower than the contract of affreightment rates. In addition, we seek to coordinate some of the general dry docking schedule of our fleet with this seasonality, which may result in lower revenues and increased dry docking expenses during the summer months.

We expend substantial sums during construction of newbuildings and the conversion of tankers to FPSO or FSO units without earning revenue and without assurance that they will be completed.

We are typically required to expend substantial sums as progress payments during construction of a newbuilding or vessel conversion, but we do not derive any revenue from the vessel until after its delivery. In addition, under some of our time charters if our delivery of a vessel to a customer is delayed, we may be required to pay liquidated damages in amounts equal to or, under some charters, almost double the hire rate during the delay. For prolonged delays, the customer may terminate the time charter and, in addition to the resulting loss of revenues, we may be responsible for additional substantial liquidated charges.

Our newbuilding financing commitments typically have been pre-arranged. However, if we were unable to obtain financing required to complete payments on any of our newbuilding orders, we could effectively forfeit all or a portion of the progress payments previously made. As of December 31, 2012, we had on order four shuttle tankers, a 50% interest in one VLCC, one FPSO unit and two LNG carriers. The four shuttle

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tankers are scheduled for delivery in 2013, the VLCC is scheduled to deliver in 2013, the FPSO is scheduled to deliver in 2014 and the two LNG carriers are scheduled for delivery in 2016. As of December 31, 2012, progress payments made towards these newbuildings, excluding payments made by our joint venture partners, totaled \$708.0 million.

In addition, conversion of tankers to FPSO and FSO units expose us to a numbers of risks, including lack of shipyard capacity and the difficulty of completing the conversions in a timely and cost effective manner. During conversion of a vessel, we do not earn revenue from it. In addition, conversion projects may not be successful.

We make substantial capital expenditures to expand the size of our fleet. Depending on whether we finance our expenditures through cash from operations or by issuing debt or equity securities, our financial leverage could increase or our stockholders could be diluted.

We regularly evaluate and pursue opportunities to provide the marine transportation requirements for various projects, and we have recently submitted bids to provide transportation solutions for LNG and LPG, FPSO and FSO projects. We may submit additional bids from time to time. The award process relating to LNG and LPG transportation, FPSO and FSO opportunities typically involves various stages and takes several months to complete. If we bid on and are awarded contracts relating to any LNG and LPG, FPSO and FSO projects, we will need to incur significant capital expenditures to build the related LNG and LPG carriers, FPSO and FSO units.

To fund the remaining portion of existing or future capital expenditures, we will be required to use cash from operations or incur borrowings or raise capital through the sale of debt or additional equity securities. Our ability to obtain bank financing or to access the capital markets for future offerings may be limited by our financial condition at the time of any such financing or offering as well as by adverse market conditions resulting from, among other things, general economic conditions and contingencies and uncertainties that are beyond our control. Our failure to obtain the funds for necessary future capital expenditures could have a material adverse effect on our business, results of operations and financial condition. Even if we are successful in obtaining necessary funds, incurring additional debt may significantly increase our interest expense and financial leverage, which could limit our financial flexibility and ability to pursue other business opportunities. Issuing additional equity securities may result in significant stockholder dilution and would increase the aggregate amount of cash required to pay quarterly dividends.

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Exposure to currency exchange rate and interest rate fluctuations results in fluctuations in our cash flows and operating results.

Substantially all of our revenues are earned in U.S. Dollars, although we are paid in Euros, Australian Dollars, Norwegian Kroner and British Pounds under some of our charters. A portion of our operating costs are incurred in currencies other than U.S. Dollars. This partial mismatch in operating revenues and expenses leads to fluctuations in net income due to changes in the value of the U.S. dollar relative to other currencies, in particular the Norwegian Kroner, the Australian Dollar, the British Pound and the Euro. We also make payments under two Euro-denominated term loans. If the amount of these and other Euro-denominated obligations exceeds our Euro-denominated revenues, we must convert other currencies, primarily the U.S. Dollar, into Euros. An increase in the strength of the Euro relative to the U.S. Dollar would require us to convert more U.S. Dollars to Euros to satisfy those obligations.

Because we report our operating results in U.S. Dollars, changes in the value of the U.S. Dollar relative to other currencies also result in fluctuations of our reported revenues and earnings. Under U.S. accounting guidelines, all foreign currency-denominated monetary assets and liabilities, such as cash and cash equivalents, accounts receivable, restricted cash, accounts payable, long-term debt and capital lease obligations, are revalued and reported based on the prevailing exchange rate at the end of the period. This revaluation historically has caused us to report significant unrealized foreign currency exchange gains or losses each period. The primary source of these gains and losses is our Euro-denominated term loans and our Norwegian Kroner-denominated bonds. We have entered into foreign currency forward contracts to economically hedge portions of our forecasted expenditures denominated in Norwegian Kroner. We also incur interest expense on our Norwegian Kroner-denominated bonds. We have entered into cross-currency swaps to economically hedge the foreign exchange risk on the principal and interest.

Many of our seafaring employees are covered by collective bargaining agreements and the failure to renew those agreements or any future labor agreements may disrupt operations and adversely affect our cash flows.

A significant portion of our seafarers are employed under collective bargaining agreements. We may become subject to additional labor agreements in the future. We may suffer to labor disruptions if relationships deteriorate with the seafarers or the unions that represent them. Our collective bargaining agreements may not prevent labor disruptions, particularly when the agreements are being renegotiated. Salaries are typically renegotiated annually or bi-annually for seafarers and annually for onshore operational staff and may increase our cost of operation. Any labor disruptions could harm our operations and could have a material adverse effect on our business, results of operations and financial condition.

We may be unable to attract and retain qualified, skilled employees or crew necessary to operate our business.

Our success depends in large part on our ability to attract and retain highly skilled and qualified personnel. In crewing our vessels, we require technically skilled employees with specialized training who can perform physically demanding work. Competition to attract and retain qualified crew members is intense. If crew costs increase, and we are not able to increase our rates to customers to compensate for any crew cost increases, our financial condition and results of operations may be adversely affected. Any inability we experience in the future to hire, train and retain a sufficient number of qualified employees could impair our ability to manage, maintain and grow our business.

Terrorist attacks, piracy, increased hostilities or war could lead to further economic instability, increased costs and disruption of business.

Terrorist attacks, piracy and the current conflicts in the Middle East, and other current and future conflicts, may adversely affect our business, operating results, financial condition, and ability to raise capital and future growth. Continuing hostilities in the Middle East may lead to additional armed conflicts or to further acts of terrorism and civil disturbance in the United States or elsewhere, which may contribute to economic instability and disruption of oil production and distribution, which could result in reduced demand for our services.

In addition, oil facilities, shipyards, vessels, pipelines and oil fields could be targets of future terrorist attacks and our vessels could be targets of pirates or hijackers. Any such attacks could lead to, among other things, bodily injury or loss of life, vessel or other property damage, increased vessel operational costs, including insurance costs, and the inability to transport oil to or from certain locations. Terrorist attacks, war, piracy, hijacking or other events beyond our control that adversely affect the distribution, production or transportation of oil to be shipped by us could entitle customers to terminate charters, which would harm our cash flow and business.

Acts of piracy on ocean-going vessels have recently increased in frequency, which could adversely affect our business.

Acts of piracy have historically affected ocean-going vessels trading in regions of the world such as the South China Sea and the Gulf of Aden off the coast of Somalia. In recent years, the frequency and severity of piracy incidents has significantly increased, particularly in the Gulf of Aden and Indian Ocean. If these piracy attacks result in regions in which our vessels are deployed being named on the Joint War Committee

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Listed Areas, war risk insurance premiums payable for such coverage can increase significantly and such insurance coverage may be more difficult to obtain. In addition, crew costs, including costs which may be incurred to the extent we employ on-board security guards, could increase in such circumstances. We may not be adequately insured to cover losses from these incidents, which could have a material adverse effect on us. In addition, hijacking as a result of an act of piracy against our vessels, or an increase in cost or unavailability of insurance for our vessels, could have a material adverse impact on our business, financial condition and results of operations.

Our substantial operations outside the United States expose us to political, governmental and economic instability, which could harm our operations.

Because our operations are primarily conducted outside of the United States, they may be affected by economic, political and governmental conditions in the countries where we engage in business. Any disruption caused by these factors could harm our business, including by reducing the levels of oil exploration, development and production activities in these areas. We derive some of our revenues from shipping oil and gas from politically and economically unstable regions. Conflicts in these regions have included attacks on ships and other efforts to disrupt shipping. Hostilities, strikes, or other political or economic instability in regions where we operate or where we may operate could have a material adverse effect on the growth of our business, results of operations and financial condition and ability to make cash distributions. In addition, tariffs, trade embargoes and other economic sanctions by the United States or other countries against countries in which we operate or to which we trade harm our business and ability to make cash distributions. Finally, a government could requisition one or more of our vessels, which is most likely during war or national emergency. Any such requisition would cause a loss of the vessel and could harm our cash flow and financial results.

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Maritime claimants could arrest, or port authorities could detain, our vessels, which could interrupt our cash flow.

Crew members, suppliers of goods and services to a vessel, shippers of cargo and other parties may be entitled to a maritime lien against that vessel for unsatisfied debts, claims or damages. In many jurisdictions, a maritime lienholder may enforce its lien by arresting a vessel through foreclosure proceedings. The arrest or attachment of one or more of our vessels could interrupt our cash flow and require us to pay large sums of funds to have the arrest or attachment lifted. In addition, in some jurisdictions, such as South Africa, under the sister ship theory of liability, a claimant may arrest both the vessel that is subject to the claimant's maritime lien and any associated vessel, which is any vessel owned or controlled by the same owner. Claimants could try to assert sister ship liability against one vessel in our fleet for claims relating to another of our ships. In addition, port authorities may seek to detain our vessels in port, which could adversely affect our operating results or relationships with customers.

Declining market values of our vessels could adversely affect our liquidity and result in breaches of our financing agreements.

Market values of vessels fluctuate depending upon general economic and market conditions affecting relevant markets and industries and competition from other shipping companies and other modes of transportation. In addition, as vessels become older, they generally decline in value. Declining vessel values could adversely affect our liquidity by limiting our ability to raise cash by refinancing vessels. Declining vessel values could also result in a breach of loan covenants and events of default under certain of our credit facilities that require us to maintain certain loan-to-value ratios. If we are unable to pledge additional collateral in the event of a decline in vessel values, the lenders under these facilities could accelerate our debt and foreclose on our vessels pledged as collateral for the loans. As of December 31, 2012, the total outstanding debt under credit facilities with this type of covenant tied to conventional tanker values was \$164.8 million and to LNG carrier values was \$434.1 million. We have five financing arrangements that require us to maintain vessel value to outstanding loan principal balance ratios ranging from 105% to 115%. At December 31, 2012, we were in compliance with these required ratios.

Climate change and greenhouse gas restrictions may adversely impact our operations and markets.

Due to concern over the risk of climate change, a number of countries have adopted, or are considering the adoption of, regulatory frameworks to reduce greenhouse gas emissions. These regulatory measures include, among others, adoption of cap and trade regimes, carbon taxes, increased efficiency standards, and incentives or mandates for renewable energy. Compliance with changes in laws, regulations and obligations relating to climate change could increase our costs related to operating and maintaining our vessels and require us to install new emission controls, acquire allowances or pay taxes related to our greenhouse gas emissions, or administer and manage a greenhouse gas emissions program. Revenue generation and strategic growth opportunities may also be adversely affected.

Adverse effects upon the oil and gas industry relating to climate change may also adversely affect demand for our services. Although we do not expect that demand for oil and gas will lessen dramatically over the short-term, in the long-term, climate change may reduce the demand for oil and gas or increased regulation of greenhouse gases may create greater incentives for use of alternative energy sources. Any long-term material adverse effect on the oil and gas industry could have a significant financial and operational adverse impact on our business that we cannot predict with certainty at this time.

We have substantial debt levels and may incur additional debt.

As of December 31, 2012, our consolidated debt and capital lease obligations totaled \$6.2 billion and we had the capacity to borrow an additional \$1.2 billion under our credit facilities. These credit facilities may be used by us for general corporate purposes. Our consolidated debt and capital lease obligations could increase substantially. We will continue to have the ability to incur additional debt, subject to limitations in our credit facilities. Our level of debt could have important consequences to us, including:

our ability to obtain additional financing, if necessary, for working capital, capital expenditures, acquisitions or other purposes, and our ability to refinance our credit facilities may be impaired or such financing may not be available on favorable terms;

we will need a substantial portion of our cash flow to make principal and interest payments on our debt, reducing the funds that would otherwise be available for operations, future business opportunities and dividends to stockholders;

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our debt level may make us more vulnerable than our competitors with less debt to competitive pressures or a downturn in our industry or the economy generally; and

our debt level may limit our flexibility in obtaining additional financing, pursuing other business opportunities and responding to changing business and economic conditions.

Our ability to service our debt will depend on certain financial, business and other factors, many of which are beyond our control.

Our ability to service our debt will depend upon, among other things, our future financial and operating performance, which will be affected by prevailing economic conditions and financial, business, regulatory and other factors, many of which are beyond our control. In addition, we rely on distributions and other intercompany cash flows from our subsidiaries to repay our obligations. Financing arrangements between some of our subsidiaries and their respective lenders contain restrictions on distributions from such subsidiaries.

If we are unable to generate sufficient cash flow to service our debt service requirements, we may be forced to take actions such as:

restructuring or refinancing our debt;

seeking additional debt or equity capital;

seeking bankruptcy protection;

reducing distributions;

reducing or delaying our business activities, acquisitions, investments or capital expenditures; or

selling assets.

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Such measures might not be successful and might not enable us to service our debt. In addition, any such financing, refinancing or sale of assets might not be available on economically favorable terms. In addition, our credit agreements and the indenture governing our debt securities may restrict our ability to implement some of these measures.

Financing agreements containing operating and financial restrictions may restrict our business and financing activities.

The operating and financial restrictions and covenants in our revolving credit facilities, term loans and in any of our future financing agreements could adversely affect our ability to finance future operations or capital needs or to pursue and expand our business activities. For example, these financing arrangements restrict our ability to:

pay dividends;

incur or guarantee indebtedness;

change ownership or structure, including mergers, consolidations, liquidations and dissolutions;

grant liens on our assets;

sell, transfer, assign or convey assets;

make certain investments; and

enter into a new line of business.

Our ability to comply with covenants and restrictions contained in debt instruments may be affected by events beyond our control, including prevailing economic, financial and industry conditions. If market or other economic conditions deteriorate, we may fail to comply with these covenants. If we breach any of the restrictions, covenants, ratios or tests in the financing agreements, our obligations may become immediately due and payable, and the lenders' commitment under our credit facilities, if any, to make further loans may terminate. A default under financing agreements could also result in foreclosure on any of our vessels and other assets securing related loans.

Certain of Teekay LNG's lease arrangements contain provisions whereby it has provided a tax indemnification to third parties, which may result in increased lease payments or termination of favorable lease arrangements.

Teekay LNG and a joint venture partner are the lessee under 30-year capital lease arrangements with a third party for three LNG carriers. Under the terms of these capital lease arrangements, the lessor claims tax depreciation on the capital expenditures it incurred to acquire these vessels. As is typical in these leasing arrangements, tax and change of law risks are assumed by the lessee. The rentals payable under the lease arrangements are predicated on the basis of certain tax and financial assumptions at the commencement of the leases. If an assumption proves to be incorrect or there is a change in the applicable tax legislation or the interpretation thereof by the United Kingdom taxing authority, the lessor is entitled to increase the rentals so as to maintain its agreed after-tax margin. Teekay LNG does not have the ability to pass these increased rentals onto the charter party. However, the terms of the lease arrangements enable Teekay LNG and the joint venture partner jointly to terminate the lease arrangement on a voluntary basis at any time. In the event of an early termination of the lease arrangements, the joint venture may be obliged to pay termination sums to the lessor sufficient to repay its investment in the vessels and to compensate it for the tax effect of the terminations, including recapture of tax depreciation, if any. Although the exact amount of any such payments upon termination would be negotiated between Teekay LNG and the lessor, we expect the amount would be significant.

As described in Item 18 Financial Statements: Note 10 Capital Lease Obligations and Restricted Cash, the Teekay Nakilat Joint Venture is the lessee under 30-year capital lease arrangements with a third party for the three RasGas II LNG Carriers (or the *RasGas II Leases*). The UK

taxing authority (or *HMRC*) has been urging the lessor as well as other lessors under capital lease arrangements that have tax benefits similar to the ones provided by the RasGas II Leases, to terminate such finance lease arrangements and has in other circumstances challenged the use of similar structures. As a result, the lessor has requested that the Teekay Nakilat Joint Venture enter into negotiations to terminate the RasGas II Leases. The Teekay Nakilat Joint Venture has declined this request as it does not believe that HMRC would be able to successfully challenge the availability of the tax benefits of these leases to the lessor. This assessment is partially based on a January 2012 court decision, regarding a similar financial lease of an LNG carrier, that ruled in favor of the taxpayer. However, the HMRC is appealing that decision and the appeal is expected to be heard in May 2013. If the HMRC were able to successfully challenge the RasGas II Leases, the Teekay Nakilat Joint Venture could be subject to significant costs associated with the termination of the lease or increased lease payments to compensate the lessor for the lost tax benefits. Teekay LNG estimates its 70% share of the potential exposure to be approximately \$29 million, exclusive of potential financing and interest rate swap termination costs.

The Teekay Nakilat Joint Venture has received notification from the lessor of the three vessels of a credit rating downgrade to the bank that was providing the letter of credit (or LC Bank) to Teekay Nakilat Joint Venture's tax lease. As a result, the lessor has claimed an increase to the lease rentals over the remaining term of the RasGas II Leases and instructed that an estimated \$12 million additional amount of cash be placed on deposit by the Teekay Nakilat Joint Venture. The Teekay Nakilat Joint Venture has engaged external legal counsel to assess these claims. Teekay LNG's 70% share of the present value of the lease rental increase claim is approximately \$10 million; however, the final amount is dependent on external legal counsel's review. The Teekay Nakilat Joint Venture is also looking at other alternatives to mitigate the impact of the downgrade to the LC Bank's credit rating.

In addition, the subsidiaries of another joint venture formed to service the Tangguh LNG project in Indonesia have entered into lease arrangements with a third party for two LNG carriers. Teekay LNG purchased our interest in this joint venture in 2009. The terms of the lease arrangements provide similar tax and change of law risk assumption by this joint venture as with the three LNG carriers above.

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Our joint venture arrangements impose obligations upon us but limit our control of the joint ventures, which may affect our ability to achieve our joint venture objectives.

For financial or strategic reasons, we conduct a portion of our business through joint ventures. Generally, we are obligated to provide proportionate financial support for the joint ventures although our control of the business entity may be substantially limited. Due to this limited control, we generally have less flexibility to pursue our own objectives through joint ventures than we would with our own subsidiaries. There is no assurance that our joint venture partners will continue their relationships with us in the future or that we will be able to achieve our financial or strategic objectives relating to the joint ventures and the markets in which they operate. In addition, our joint venture partners may have business objectives that are inconsistent with ours, experience financial and other difficulties that may affect the success of the joint venture, or be unable or unwilling to fulfill their obligations under the joint ventures, which may affect our financial condition or results of operations.

Tax Risks

In addition to the following risk factors, you should read [Item 4. Information on the Company Taxation of the Company](#) and [Item 10. Additional Information Material U.S. Federal Income Tax Considerations and Non-United States Tax Consequences](#) for a more complete discussion of the expected material U.S. federal and non-U.S. income tax considerations relating to us and the ownership and disposition of our common stock.

U.S. tax authorities could treat us as a passive foreign investment company, which could have adverse U.S. federal income tax consequences to U.S. holders.

A non-U.S. entity taxed as a corporation for U.S. federal income tax purposes will be treated as a passive foreign investment company (or PFIC) for U.S. federal income tax purposes if at least 75% of its gross income for any taxable year consists of certain types of passive income, or at least 50% of the average value of the entity's assets produce or are held for the production of those types of passive income. For purposes of these tests, passive income includes dividends, interest, and gains from the sale or exchange of investment property and rents and royalties, other than rents and royalties that are received from unrelated parties in connection with the active conduct of a trade or business. By contrast, income derived from the performance of services does not constitute passive income.

There are legal uncertainties involved in determining whether the income derived from our time-chartering activities constitutes rental income or income derived from the performance of services, including the decision in *Tidewater Inc. v. United States*, 565 F.3d 299 (5th Cir. 2009), which held that income derived from certain time-chartering activities should be treated as rental income rather than services income for purposes of a foreign sales corporation provision of the U.S. Internal Revenue Code of 1986, as amended (or the Code). However, the Internal Revenue Service (or IRS) stated in an Action on Decision (AOD 2010-01) that it disagrees with, and will not acquiesce to, the way that the rental versus services framework was applied to the facts in the *Tidewater* decision, and in its discussion stated that the time charters at issue in *Tidewater* would be treated as producing services income for PFIC purposes. The IRS's statement with respect to *Tidewater* cannot be relied upon or otherwise cited as precedent by taxpayers. Consequently, in the absence of any binding legal authority specifically relating to the statutory provisions governing PFICs, there can be no assurance that the IRS or a court would not follow the *Tidewater* decision in interpreting the PFIC provisions of the Code. Nevertheless, based on our current assets and operations, we intend to take the position that we are not now and have never been a PFIC. No assurance can be given, however, that the IRS or a court of law, will accept our position, or that we would not constitute a PFIC for any future taxable year if there were to be changes in our assets, income or operations.

If the IRS were to determine that we are or have been a PFIC for any taxable year, U.S. holders of our common stock will face adverse U.S. federal income tax consequences. Under the PFIC rules, unless those U.S. holders make certain elections available under the Code, such holders would be liable to pay tax at ordinary income tax rates plus interest upon certain distributions and upon any gain from the disposition of our common stock, as if such distribution or gain had been recognized ratably over the U.S. holder's holding period. Please read [Item 10. Additional Information Material U.S. Federal Income Tax Considerations United States Federal Income Taxation of U.S. Holders Consequences of Possible PFIC Classification](#).

We may be subject to taxes, which could affect our operating results.

We or our subsidiaries are subject to tax in certain jurisdictions in which we or our subsidiaries are organized, own assets or have operations, which reduces our operating results. In computing our tax obligations in these jurisdictions, we are required to take various tax accounting and reporting positions on matters that are not entirely free from doubt and for which we have not received rulings from the governing authorities. We cannot assure you that upon review of these positions, the applicable authorities will agree with our positions. A successful challenge by a tax authority could result in additional tax imposed on us or our subsidiaries, further reducing our operating results. In addition, changes in our operations or ownership could result in additional tax being imposed on us or on our subsidiaries in jurisdictions in which operations are conducted. For example, changes in the ownership of our stock may cause us to be unable to claim an exemption from U.S. federal income tax

under Section 883 of the Code. If we were not exempt from tax under Section 883 of the Code, we will be subject to U.S. federal income tax on shipping income attributable to our subsidiaries' transportation of cargoes to or from the U.S., the amount of which is not within our complete control. Also, jurisdictions in which we or our subsidiaries are organized, own assets or have operations may change their tax laws, or we may enter into new business transactions relating to such jurisdictions, which could result in increased tax liability and reduce our operating results. Please read Item 4. Information on the Company Taxation of the Company.

Item 4. Information on the Company

A. Overview, History and Development

Overview

We are a leading provider of international crude oil and gas marine transportation services and we also offer offshore oil production, storage and offloading services, primarily under long-term, fixed-rate contracts. Over the past decade, we have undergone a major transformation from being primarily an owner of ships in the cyclical spot tanker business to being a growth-oriented asset manager in the Marine Midstream sector. This transformation has included our expansion into the liquefied natural gas (or *LNG*) and liquefied petroleum gas (or *LPG*) shipping sectors through our publicly-listed subsidiary Teekay LNG Partners L.P. (NYSE: TGP) (or *Teekay LNG*), further growth of our operations in the offshore production, storage and transportation sector through our publicly-listed subsidiary Teekay Offshore Partners L.P. (NYSE: TOO) (or *Teekay Offshore*) and through our 100% ownership interest in Teekay Petrojarl AS, and expansion of our conventional tanker business through our publicly-listed

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subsidiary, Teekay Tankers Ltd. (NYSE: TNK) (or *Teekay Tankers*). We are responsible for managing and operating consolidated assets of over \$11 billion, comprised of approximately 170 liquefied gas, offshore, and conventional tanker assets. With offices in 16 countries and approximately 6,400 seagoing and shore-based employees, Teekay provides a comprehensive set of marine services to the world's leading oil and gas companies, and its reputation for safety, quality and innovation has earned it a position with its customers as The Marine Midstream Company.

Our shuttle tanker and FSO segment and our FPSO segment include our shuttle tanker operations, floating storage and off-take (or *FSO*) units, and our floating production, storage and offloading (or *FPSO*) units, which primarily operate under long-term fixed-rate contracts. As of December 31, 2012, our shuttle tanker fleet, including newbuildings on order, had a total cargo capacity of approximately 4.8 million deadweight tonnes (or *dwt*), which represented approximately 40% of the total tonnage of the world shuttle tanker fleet. Please read B. Operations Our Fleet.

Our liquefied gas segment includes our LNG and LPG carriers. Substantially all of our LNG and LPG carriers are subject to long-term, fixed-rate charter contracts. As of December 31, 2012, this fleet, including newbuildings on order, had a total cargo carrying capacity of approximately 4.6 million cubic meters. Please read B. Operations Our Fleet.

Our conventional tanker segment includes our conventional crude oil tankers and product carriers. In order to provide investors with additional information about our conventional tanker segment, we have divided this operating segment into the fixed-rate tanker sub-segment and the spot tanker sub-segment.

Our spot tanker sub-segment consists of conventional crude oil tankers and product tankers operating in the spot-tanker market or subject to time-charter or contracts of affreightment that are priced on a spot-market basis or are short-term, fixed-rate contracts. We consider contracts that have an original term of less than one year in duration to be short-term. Our conventional Aframax, Suezmax, and large and medium product tankers are among the vessels included in the spot tanker sub-segment. Our fixed-rate tanker sub-segment includes our conventional crude oil and product tankers on fixed-rate time-charter contracts with an initial duration of at least one year. Please read B. Operations Our Fleet.

The Teekay organization was founded in 1973. We are incorporated under the laws of the Republic of The Marshall Islands as Teekay Corporation and maintain our principal executive headquarters at 4th floor, Belvedere Building, 69 Pitts Bay Road, Hamilton, HM 08, Bermuda. Our telephone number at such address is (441) 298-2530. Our principal operating office is located at Suite 2000, Bentall 5, 550 Burrard Street, Vancouver, British Columbia, Canada, V6C 2K2. Our telephone number at such address is (604) 683-3529.

Recent Business Acquisitions

Teekay LNG Marubeni Joint Venture

In February 2012, a joint venture between our subsidiary Teekay LNG Partners L.P. (or Teekay LNG) and Marubeni Corporation (or Teekay LNG-Marubeni Joint Venture) acquired a 100% interest in six LNG carriers from Denmark-based A.P. Moller-Maersk A/S for approximately \$1.3 billion. The Teekay LNG-Marubeni Joint Venture financed this acquisition with \$1.06 billion from secured loan facilities and an aggregate of \$266 million from equity contributions from Teekay LNG and Marubeni Corporation. Teekay LNG has agreed to guarantee its 52% share of the secured loan facilities of the Teekay LNG-Marubeni Joint Venture and, as a result, deposited \$30 million in a restricted cash account as security. Teekay LNG has a 52% economic interest in the Teekay LNG-Marubeni Joint Venture and, consequently, its share of the equity contribution was approximately \$138 million. Teekay LNG financed this equity contribution by borrowing under its existing credit facilities.

Exmar LPG Joint Venture

On February 12, 2013, Teekay LNG entered into a joint venture agreement with Belgium-based Exmar NV (or *Exmar*) to own and charter-in LPG carriers with a primary focus on the mid-size gas carrier segment. The joint venture entity, called Exmar LPG BVBA, took economic effect as of November 1, 2012 and includes 16 owned LPG carriers (including four newbuildings scheduled for delivery in 2014) and five chartered-in LPG carriers. In addition, the joint venture recently ordered another four medium-size gas carrier newbuildings with deliveries scheduled between 2015 and 2016, with options to order up to four additional vessels, which brings the total fleet size of Exmar LPG BVBA to 25 vessels, excluding options. For its 50% ownership interest in the joint venture, including newbuilding payments made prior to the November 1, 2012 economic effective date of the joint venture, Teekay LNG invested approximately \$134 million of equity and assumed approximately \$108 million of its pro rata share of the existing debt and lease obligations as of the economic effective date, secured by certain vessels in the Exmar LPG BVBA fleet. Exmar will continue to commercially and technically manage and operate the vessels. Since control of Exmar LPG BVBA will be shared jointly between Exmar and Teekay LNG, Teekay LNG expects to account for Exmar LPG BVBA using the equity method.

HiLoad Dynamic Positioning Unit

In November 2012, Teekay Offshore agreed to acquire a 2010-built HiLoad Dynamic Positioning (*DP*) unit from Remora AS (or *Remora*), a Norway-based offshore marine technology company, for a total purchase price of approximately \$55 million including modification costs. The HiLoad DP unit is a self-propelled dynamic positioning system that attaches to and keeps conventional tankers in position when loading from offshore installations. The transaction is subject to finalizing a ten-year time-charter contract with Petroleo Brasileiro SA (or *Petrobras*) in Brazil. The acquisition of the HiLoad DP unit is expected to be completed in the second quarter of 2013 and the unit is expected to commence operating at its full time-charter rate in early 2014 once modifications, delivery of the DP unit to Brazil, and operational testing have been completed. As part of the transaction, we have also agreed to invest approximately \$4.4 million to acquire a 49.9% ownership interest in a recapitalized Remora. In addition, Teekay Offshore will enter into an agreement with Remora which will provide Teekay Offshore with the right of first refusal to acquire future HiLoad projects developed by Remora.

Please read Item 5. Operating and Financial Review and Prospects Management's Discussion and Analysis of Financial Condition and Results of Operations Significant Developments in 2012 and Early 2013 for more information.

Recent Equity Offerings and Transactions by Subsidiaries

Equity Offerings and Transactions by Teekay Tankers

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During April 2010, Teekay Tankers completed a public offering of 8.8 million common shares of its Class A Common Stock (including 1.1 million common shares issued upon the partial exercise of the underwriter's overallotment option) at a price of \$12.25 per share, for gross proceeds of \$107.5 million. Teekay Tankers used the net proceeds from the offering as partial consideration to acquire from us for a total purchase price of \$168.7 million the following three vessels: two Suezmax tankers, the *Yamuna Spirit* and the *Kaveri Spirit*, and one Aframax tanker, the *Helga Spirit*. As part of the purchase price for these vessels, Teekay Tankers concurrently issued to us 2.6 million unregistered shares of Class A Common Stock at the public offering price of \$12.25 per share.

During October 2010, Teekay Tankers completed a public offering of 8.6 million common shares of its Class A Common Stock (including 395,000 common shares issued upon the partial exercise of the underwriter's overallotment option) at a price of \$12.15 per share, for gross proceeds of \$104.4 million. Teekay Tankers used part of the net proceeds from the offering to repay a portion of its outstanding debt under a term loan.

During February 2011, Teekay Tankers completed a public offering of 9.9 million common shares of its Class A Common Stock (including 1.3 million common shares issued upon the exercise of the underwriter's overallotment option) at a price of \$11.33 per share, for gross proceeds of approximately \$112.1 million. Teekay Tankers used the net proceeds from the offering to prepay a portion of its outstanding debt under a revolving credit facility.

During February 2012, Teekay Tankers completed a public offering of 17.3 million common shares of its Class A common stock (including 2.3 million common shares issued upon the full exercise of the underwriter's overallotment option) at a price of \$4.00 per share, for gross proceeds of \$69 million. Teekay Tankers used the net proceeds from the offering to repay a portion of its outstanding debt under a revolving credit facility.

During June 2012, Teekay Tankers acquired from Teekay a fleet of 13 double-hull conventional oil and product tankers and related time-charter contracts, debt facilities and other assets and rights, for an aggregate purchase price of approximately \$454.2 million. As partial consideration for the sale, Teekay received \$25 million of newly issued shares of Teekay Tankers' Class A common stock, issued at a price of \$5.60 per share, and the remaining amount was settled through a combination of a cash payment to Teekay and the assumption by Teekay Tankers of existing debt secured by the acquired vessels.

As a result of these transactions, our ownership of Teekay Tankers was 25.1% as of March 1, 2013. We maintain voting control of Teekay Tankers through our ownership of shares of Class A and Class B Common Stock and continue to consolidate this subsidiary. Please read Item 18. Financial Statements: Note 5 Financing Transactions.

Equity Offerings, Unit Issuances and Transactions by Teekay Offshore and the Sale of Remaining Interest in OPCO to Teekay Offshore

During March 2010, Teekay Offshore completed a public offering of 5.1 million common units (including 660,000 units issued upon the exercise of the underwriter's overallotment option) at a price of \$19.48 per unit, for gross proceeds of \$100.6 million (including the general partner's 2% proportionate capital contribution). Teekay Offshore used the net proceeds from the offering to repay the vendor financing of \$60.0 million we provided for the acquisition from us of the FPSO unit, the *Petrojarl Varg* and to finance a portion of the April 2010 acquisition from us of the FSO unit, the *Falcon Spirit*, for \$44.1 million.

During August 2010, Teekay Offshore completed a public offering of 6.0 million common units (including 787,500 units issued upon the exercise of the underwriter's overallotment option) at a price of \$22.15 per unit, for gross proceeds of \$136.5 million (including the general partner's 2% proportionate capital contribution). Teekay Offshore used the net proceeds from the offering to repay a portion of its outstanding debt under one of its revolving credit facilities.

During December 2010, Teekay Offshore completed a public offering of 6.4 million common units (including 840,000 units issued upon the exercise of the underwriter's overallotment option) at a price of \$27.84 per unit, for gross proceeds of \$182.9 million (including the general partner's 2% proportionate capital contribution). Teekay Offshore used the net proceeds from the offering to repay a portion of its outstanding debt under one revolving credit facility.

During March 2011, we sold our 49% interest in OPCO to Teekay Offshore for a combination of \$175 million in cash (less \$15 million in distributions made by OPCO to us between December 31, 2010 and the date of acquisition) and 7.6 million of Teekay Offshore's common units. In addition, Teekay Offshore's general partner made a proportionate capital contribution to maintain its 2% general partner interest. The sale increased Teekay Offshore's ownership of OPCO from 51% to 100%.

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During July 2011, Teekay Offshore completed a private placement of 0.7 million common units at a price of \$28.04 per unit to an institutional investor for gross proceeds of approximately \$20.4 million (including the general partner's 2% proportionate capital contribution). Teekay Offshore used the proceeds from the issuance of common units to partially fund the acquisition of four newbuilding shuttle tankers to be chartered under long-term fixed-rate charters with a subsidiary of BG Group plc (or *BG*) to provide shuttle tanker services in Brazil.

During November 2011, Teekay Offshore completed a private placement of 7.3 million common units at a price of \$23.90 to a group of institutional investors for gross proceeds of approximately \$173.5 million (including the general partner's 2% proportionate capital contribution). Teekay Offshore used the proceeds from the issuance of common units to finance its acquisition from Sevan in November 2011 of the *Piranema* and four BG newbuilding shuttle tankers that are scheduled to deliver in mid-2013.

During November 2011, Teekay Offshore acquired a 100% interest in the *Piranema* from Sevan. The total purchase price of \$164.3 million (including an adjustment for working capital) was paid in cash and was financed through the concurrent issuance of 7.3 million common units in a private placement with third-party investors. The 2007-built *Piranema Spirit* FPSO unit is currently operating under a long-term charter to Petroleo Brasileiro S.A. (or *Petrobras*) on the *Piranema* field located offshore Brazil. The charter includes a firm contract period through March 2018, with up to 11 one-year extension options and includes cost escalation clauses.

During July 2012, Teekay Offshore issued 1.7 million common units to a group of institutional investors for gross proceeds, including Teekay Offshore's general partner's 2% proportionate capital contribution, of \$45.9 million. Teekay Offshore used the net proceeds from the issuance of common units to partially finance the shipyard instalments for the four Suezmax newbuilding shuttle tankers.

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During September 2012, Teekay Offshore completed a public offering of 7.8 million common units for gross proceeds, including Teekay Offshore's general partner's 2% proportionate capital contribution, of \$219.5 million. Teekay Offshore used the net proceeds from the issuance of common units to repay a portion of its outstanding debt under its revolving credit facilities.

As a result of these transactions, our ownership of Teekay Offshore was reduced to 29.4% (including our 2% general partner interest) as of March 1, 2013. We maintain control of Teekay Offshore by virtue of our control of the general partner and will continue to consolidate this subsidiary. Please read Item 18. Financial Statements: Note 5 Financing Transactions.

Equity Offerings, Unit Issuances and Transactions by Teekay LNG

During July 2010, Teekay LNG completed a direct equity placement of 1.7 million common units at a price of \$29.18 per unit, for gross proceeds of \$51 million (including the general partner's 2% proportionate capital contribution).

During November 2010, Teekay LNG acquired a 50% interest in companies that own two LNG carriers (collectively the *Exmar Joint Venture*) from Exmar NV for a total purchase price of approximately \$72.5 million net of assumed debt. Teekay LNG paid \$37.3 million of the purchase price by issuing to Exmar NV 1.1 million of its common units and the balance was financed by borrowing under one of its revolving credit facilities.

During April 2011, Teekay LNG completed a public offering of 4.3 million of its common units (including 551,800 million units issued upon the partial exercise of the underwriters' overallotment option) at a price of \$38.88 per unit, for gross proceeds of \$168.7 million (including the general partner's 2% proportionate capital contribution). Teekay LNG used the net proceeds from the offering to fund the equity purchase price of its acquisition from Teekay of a 33% interest in four newbuilding LNG carriers to provide services to the Angola LNG Project.

During November 2011, Teekay LNG completed a public offering of 5.5 million of its common units at a price of \$33.40 per unit, for gross proceeds of \$187.4 million (including the general partner's 2% proportionate capital contribution). Teekay LNG used the proceeds from the offering to partially finance the acquisition, through a joint venture with Marubeni Corporation (or *Marubeni*), of six LNG carriers from A.P. Moller-Maersk A/S (or *Maersk*).

During February 2012, Teekay LNG and Marubeni acquired, through their joint venture (or the *Teekay LNG-Marubeni Joint Venture*), a 100% interest in the six LNG carriers from Maersk for an aggregate purchase price of approximately \$1.3 billion. Teekay LNG and Marubeni have 52% and 48% economic interests, respectively, but share control in the joint venture that was formed to hold the ownership interests in these LNG carriers. The Teekay LNG-Marubeni Joint Venture financed this acquisition with secured loan facilities and equity contributions from Teekay LNG and Marubeni. Teekay LNG's share of the equity contribution was approximately \$138 million.

During September 2012, Teekay LNG completed a public offering of 4.8 million common units at a price of \$38.43 per unit for gross proceeds, including Teekay LNG's general partner's 2% proportionate capital contribution, of approximately \$189.2 million. Teekay LNG used the net proceeds from the offering to repay a portion of its outstanding debt under two of its revolving credit facilities.

As a result of these transactions, our ownership of Teekay LNG has been reduced to 37.5% (including our 2% general partner interest) as of March 1, 2013. We maintain control of Teekay LNG by virtue of our control of the general partner and will continue to consolidate this subsidiary. Please read Item 18. Financial Statements: Note 5 Financing Transactions.

Please read Item 5. Operating and Financial Review and Prospects Management's Discussion and Analysis of Financial Condition and Results of Operations Significant Developments in 2012 and Early 2013 for more information on recent transactions.

B. Operations

Our organization is divided into the following key areas: the shuttle tanker and FSO segment (included in our Teekay Shuttle and Offshore business unit), the FPSO segment (included in our Teekay Petrojarl business unit), the liquefied gas segment (included in our Teekay Gas Services business unit) and the conventional tanker segment, consisting of the spot tanker sub-segment and fixed-rate tanker sub-segment (both included in our Teekay Tanker Services business unit). These centers of expertise work closely with customers to ensure a thorough understanding of our customers' requirements and to develop tailored solutions.

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The Teekay Shuttle and Offshore and Teekay Petrojarl business units provide marine transportation, production and storage services to the offshore oil industry, including shuttle tanker, FSO and FPSO services. Our expertise and partnerships with third parties allow us to create solutions for customers producing crude oil from offshore installations.

The Teekay Gas Services business unit provides gas transportation services, primarily under long-term fixed-rate contracts to major energy and utility companies. These services currently include the transportation of LNG and LPG.

The Teekay Tanker Services business unit is responsible for the commercial management of our conventional crude oil and product tanker transportation services. We offer a full range of shipping solutions through our worldwide network of commercial offices.

Shuttle Tanker and FSO Segment and FPSO Segment

The main services our shuttle tanker and FSO segment and our FPSO segment provide to customers are:

offloading and transportation of cargo from oil field installations to onshore terminals via dynamically positioned, offshore loading shuttle tankers;

floating storage for oil field installations via FSO units; and

floating production, processing and storage services via FPSO units.

Table of Contents*Shuttle Tankers*

A shuttle tanker is a specialized ship designed to transport crude oil and condensates from offshore oil field installations to onshore terminals and refineries. Shuttle tankers are equipped with sophisticated loading systems and dynamic positioning systems that allow the vessels to load cargo safely and reliably from oil field installations, even in harsh weather conditions. Shuttle tankers were developed in the North Sea as an alternative to pipelines. The first cargo from an offshore field in the North Sea was shipped in 1977, and the first dynamically positioned shuttle tankers were introduced in the early 1980s. Shuttle tankers are often described as floating pipelines because these vessels typically shuttle oil from offshore installations to onshore facilities in much the same way a pipeline would transport oil along the ocean floor.

Our shuttle tankers are primarily subject to long-term, fixed-rate time-charter contracts or bareboat charter contracts for a specific offshore oil field, where a vessel is hired for a fixed period of time, or under contracts of affreightment for various fields, where we commit to be available to transport the quantity of cargo requested by the customer from time to time over a specified trade route within a given period of time. The number of voyages performed under these contracts of affreightment normally depends upon the oil production of each field. Competition for charters is based primarily upon price, availability, the size, technical sophistication, age and condition of the vessel and the reputation of the vessel's manager. Technical sophistication of the vessel is especially important in harsh operating environments such as the North Sea. Although the size of the world shuttle tanker fleet has been relatively unchanged in recent years, conventional tankers can be converted into shuttle tankers by adding specialized equipment to meet customer requirements. Shuttle tanker demand may also be affected by the possible substitution of sub-sea pipelines to transport oil from offshore production platforms.

As of December 31, 2012, there were approximately 102 vessels in the world shuttle tanker fleet (including 25 newbuildings), the majority of which operate in the North Sea. Shuttle tankers also operate in Africa, Brazil, Canada, Russia and the United States Gulf. As of December 31, 2012, we had ownership interests in 34 shuttle tankers (including four newbuildings) and chartered-in an additional four shuttle tankers. Subsequent to December 31, 2012, we sold a 1992-built owned shuttle tanker, which was laid-up since July 2011. Other shuttle tanker owners include Knutsen NYK Offshore Tankers AS, Transpetro, Sovcomflot, Viken Shipping and J. Lauritzen which, as of December 31, 2012, controlled smaller fleets of 3 to 22 shuttle tankers each. We believe that we have significant competitive advantages in the shuttle tanker market as a result of the quality, type and dimensions of our vessels combined with our market share in the North Sea and Brazil.

FSO Units

FSO units provide on-site storage for oil field installations that have no storage facilities or that require supplemental storage. An FSO unit is generally used in combination with a jacked-up fixed production system, floating production systems that do not have sufficient storage facilities or as supplemental storage for fixed platform systems, which generally have some on-board storage capacity. An FSO unit is usually of similar design to a conventional tanker, but has specialized loading and off-take systems required by field operators or regulators. FSO units are moored to the seabed at a safe distance from a field installation and receive the cargo from the production facility via a dedicated loading system. An FSO unit is also equipped with an export system that transfers cargo to shuttle or conventional tankers. Depending on the selected mooring arrangement and where they are located, FSO units may or may not have any propulsion systems. FSO units are usually conversions of older conventional or shuttle tankers. These conversions, which include installation of a loading and off-take system and hull refurbishment, can generally extend the lifespan of a vessel as an FSO unit by up to 20 years over the normal conventional or shuttle tanker lifespan of 25 years.

Our FSO units are generally placed on long-term, fixed-rate time-charters or bareboat charters as an integrated part of the field development plan, which provides more stable cash flow to us. Under a bareboat charter, the customer pays a fixed daily rate for a fixed period of time for the full use of the vessel and is responsible for all crewing, management and navigation of the vessel and related expenses.

As of December 31, 2012, there were approximately 101 FSO units operating and nine FSO units on order in the world fleet. As at December 31, 2012, we had ownership interests in five FSO units. The major markets for FSO units are Asia, the Middle East, the North Sea, South America and West Africa. Our primary competitors in the FSO market are conventional tanker owners, who have access to tankers available for conversion, and oil field services companies and oil field engineering and construction companies who compete in the floating production system market. Competition in the FSO market is primarily based on price, expertise in FSO operations, management of FSO conversions and relationships with shipyards, as well as the ability to access vessels for conversion that meet customer specifications.

FPSO Units

FPSO units are offshore production facilities that are ship-shaped or cylindrical-shaped and store processed crude oil in tanks located in the hull of the vessel. FPSO units are typically used as production facilities to develop marginal oil fields or deepwater areas remote from existing pipeline infrastructure. Of four major types of floating production systems, FPSO units are the most common type. Typically, the other types of floating production systems do not have significant storage and need to be connected into a pipeline system or use an FSO unit for storage.

FPSO units are less weight-sensitive than other types of floating production systems and their extensive deck area provides flexibility in process plant layouts. In addition, the ability to utilize surplus or aging tanker hulls for conversion to an FPSO unit provides a relatively inexpensive solution compared to the new construction of other floating production systems. A majority of the cost of an FPSO comes from its top-side production equipment and thus, FPSO units are expensive relative to conventional tankers. An FPSO unit carries on-board all the necessary production and processing facilities normally associated with a fixed production platform. As the name suggests, FPSO units are not fixed permanently to the seabed but are designed to be moored at one location for long periods of time. In a typical FPSO unit installation, the untreated well-stream is brought to the surface via subsea equipment on the sea floor that is connected to the FPSO unit by flexible flow lines called risers. The risers carry oil, gas and water from the ocean floor to the vessel, which processes it on board. The resulting crude oil is stored in the hull of the vessel and subsequently transferred to tankers either via a buoy or tandem loading system for transport to shore.

Traditionally for large field developments, the major oil companies have owned and operated new, custom-built FPSO units. FPSO units for smaller fields have generally been provided by independent FPSO contractors under life-of-field production contracts, where the contract's duration is for the useful life of the oil field. FPSO units have been used to develop offshore fields around the world since the late 1970s. As of December 2012, there were approximately 165 FPSO units operating and 44 FPSO units on order in the world fleet. At December 31, 2012, we had ownership interests in ten FPSO units (including one unit under conversion). Most independent FPSO contractors have backgrounds in marine energy transportation, oil field services or oil field engineering and construction. Other major independent FPSO contractors are SBM Offshore NV, BW Offshore, MODEC, Bluewater, Bumi Armada and Maersk FPSOs.

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During 2012, a total of approximately 60% of our net revenues were earned by the vessels in our shuttle tankers and FSO segment and FPSO segment, compared to approximately 55% in 2011 and 53% in 2010. Please read Item 5. Operating and Financial Review and Prospects: Results of Operations.

Liquefied Gas Segment

The vessels in our liquefied gas segment compete in the LNG and LPG markets. LNG carriers are usually chartered to carry LNG pursuant to time-charter contracts with durations between 20 and 25 years, and with charter rates payable to the owner on a monthly basis. LNG shipping historically has been transacted with these long-term, fixed-rate time-charter contracts. LNG projects require significant capital expenditures and typically involve an integrated chain of dedicated facilities and cooperative activities. Accordingly, the overall success of an LNG project depends heavily on long-range planning and coordination of project activities, including marine transportation. Most shipping requirements for new LNG projects continue to be provided on a long-term basis, though the level of spot voyages (typically consisting of a single voyage), short-term time-charters and medium-term time-charters have grown in the past few years.

In the LNG markets, we compete principally with other private and state-controlled energy and utilities companies, which generally operate captive fleets, and independent ship owners and operators. Many major energy companies compete directly with independent owners by transporting LNG for third parties in addition to their own LNG. Given the complex, long-term nature of LNG projects, major energy companies historically have transported LNG through their captive fleets. However, independent fleet operators have been obtaining an increasing percentage of charters for new or expanded LNG projects as major energy companies have continued to divest non-core businesses. Other major operators of LNG carriers are Qatar Gas Transport (Nakilat), Malaysian International Shipping Company, Mitsui O.S.K Lines, NYK Line, Golar LNG, Shell and BW Group.

LNG carriers transport LNG internationally between liquefaction facilities and import terminals. After natural gas is transported by pipeline from production fields to a liquefaction facility, it is super-cooled to a temperature of approximately negative 260 degrees Fahrenheit. This process reduces its volume to approximately 1 / 600th of its volume in a gaseous state. The reduced volume facilitates economical storage and transportation by ship over long distances, enabling countries with limited natural gas reserves or limited access to long-distance transmission pipelines to meet their demand for natural gas. LNG carriers include a sophisticated containment system that holds and insulates the LNG so it maintains its liquid form. The LNG is transported overseas in specially built tanks on double-hulled ships to a receiving terminal, where it is offloaded and stored in heavily insulated tanks. In regasification facilities at the receiving terminal, the LNG is returned to its gaseous state (or *regasified*) and then shipped by pipeline for distribution to natural gas customers.

LPG carriers are mainly chartered to carry LPG on time charters of three to five years, on contracts of affreightment or spot voyage charters. The two largest consumers of LPG are residential users and the petrochemical industry. Residential users, particularly in developing regions where electricity and gas pipelines are not developed, do not have fuel switching alternatives and generally are not LPG price sensitive. The petrochemical industry, however, has the ability to switch between LPG and other feedstock fuels depending on price and availability of alternatives.

Most new LNG carriers, including all of our vessels, are built with a membrane containment system. These systems consist of insulation between thin primary and secondary barriers and are designed to accommodate thermal expansion and contraction without overstressing the membrane. New LNG carriers are generally expected to have a lifespan of approximately 35 to 40 years. New LPG carriers are generally expected to have a lifespan of approximately 30 to 35 years. Unlike the oil tanker industry, there are currently no regulations that require the phase-out from trading of LNG and LPG carriers after they reach a certain age. As at December 31, 2012, there were approximately 373 vessels in the worldwide LNG fleet, with an average age of approximately 11 years, and an additional 86 LNG carriers under construction or on order for delivery through 2017. As of December 31, 2012, the worldwide LPG tanker fleet consisted of approximately 1,236 vessels with an average age of approximately 16 years and approximately 97 additional LPG vessels were on order for delivery through 2016. LPG carriers range in size from approximately 250 to approximately 85,000 cubic meters (or *cbm*). Approximately 53% (in terms of vessel numbers) of the worldwide fleet is less than 5,000 cbm.

Our liquefied gas segment primarily consists of LNG and LPG carriers subject to long-term, fixed-rate charter contracts. As at December 31, 2012, we had ownership interests in 27 LNG carriers, as well as 2 additional newbuilding LNG carriers on order. In addition, as at December 31, 2012, we had ownership interests in five LPG carriers. Subsequent to December 31, 2012, Teekay LNG entered into a joint venture agreement with Belgium-based Exmar NV (or *Exmar*) to own and charter-in LPG carriers with a primary focus on the mid-size gas carrier segment. The joint venture entity, called Exmar LPG BVBA, took economic effect as of November 1, 2012 and includes 20 owned LPG carriers (including eight newbuildings scheduled for delivery between 2014 and 2016 and five chartered-in LPG carriers).

During 2012, approximately 16% of our net revenues were earned by the vessels in our liquefied gas segment, compared to approximately 15% in 2011, and 13% in 2010. Please read Item 5. Operating and Financial Review and Prospects: Results of Operations.

Conventional Tanker Segment

a) Spot Tanker Sub-Segment

Our spot tanker sub-segment consists of conventional crude oil tankers and product tankers operating in the spot-tanker market or subject to time-charters or contracts of affreightment that are priced on a spot-market basis or are short-term, fixed-rate contracts. We consider contracts that have an original term of less than one year in duration to be short-term. The vessels in our spot tanker sub-segment compete primarily in the Aframax and Suezmax tanker markets. In these markets, international seaborne oil and other petroleum products transportation services are provided by two main types of operators: captive fleets of major oil companies (both private and state-owned) and independent ship-owner fleets. Many major oil companies and other oil trading companies, the primary charterers of our vessels, also operate their own vessels and transport their own oil and oil for third-party charterers in direct competition with independent owners and operators. Competition for charters in the Aframax and Suezmax spot charter market is intense and is based upon price, location, the size, age, condition and acceptability of the vessel, and the reputation of the vessel's manager.

We compete principally with other owners in the spot-charter market through the global tanker charter market. This market is comprised of tanker broker companies that represent both charterers and ship-owners in chartering transactions. Within this market, some transactions, referred to as market cargoes, are offered by charterers through two or more brokers simultaneously and shown to the widest possible range of owners; other transactions, referred to as private cargoes, are given by the charterer to only one broker and shown selectively to a limited number of owners whose tankers are most likely to be acceptable to the charterer and are in position to undertake the voyage.

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Certain of our vessels in the spot tanker sub-segment operate pursuant to pooling arrangements. Under a pooling arrangement, different vessel owners pool their vessels, which are managed by a pool manager, to improve utilization and reduce expenses. In general, revenues generated by the vessels operating in a pool, less related voyage expenses (such as fuel and port charges) and pool administrative expenses, are pooled and allocated to the vessel owners according to a pre-determined formula. As of December 31, 2012, we participated in two main pooling arrangements. These include an Aframax tanker pool and a Suezmax tanker pool (or the *Gemini Pool*). As of 2012, eleven of our Aframax tankers operated in the Aframax tanker pool and ten of our Suezmax tankers operated in the Gemini Pool. Each of these pools is either solely or jointly managed by us.

Our competition in the Aframax (80,000 to 119,999 dwt) market is also affected by the availability of other size vessels that compete in that market. Suezmax (120,000 to 199,999 dwt) vessels and Panamax (55,000 to 79,999 dwt) vessels can compete for many of the same charters for which our Aframax tankers compete. Similarly, Aframax tankers and Very Large Crude Carriers (200,000 to 319,999 dwt) (or *VLCCs*) can compete for many of the same charters for which our Suezmax vessels compete. Because VLCCs comprise a substantial portion of the total capacity of the market, movements by such vessels into Suezmax trades or of Suezmax vessels into Aframax trades would heighten the already intense competition.

We believe that we have competitive advantages in the Aframax and Suezmax tanker market as a result of the quality, type and dimensions of our vessels and our market share in the Indo-Pacific and Atlantic Basins. As of December 31, 2012, our Aframax tanker fleet (excluding Aframax-size shuttle tankers and newbuildings) had an average age of approximately 11.0 years and our Suezmax tanker fleet (excluding Suezmax-size shuttle tankers and newbuildings) had an average age of approximately 7.0 years. This compares to an average age for the world oil tanker fleet of approximately 8.5 years, for the world Aframax tanker fleet of approximately 8.3 years and for the world Suezmax tanker fleet of approximately 7.7 years.

As of December 31, 2012, other large operators of Aframax tonnage (including newbuildings on order) included Malaysian International Shipping Corporation (approximately 55 Aframax vessels), Sovcomflot (approximately 42 vessels), the Sigma Pool (approximately 41 vessels) and the Aframax International Pool (approximately 24 Aframax vessels). Other large operators of Suezmax tonnage (including newbuildings on order) included the Stena Sonangol Pool (approximately 26 vessels), the Blue Fin Pool (approximately 21 vessels), the Orion Pool (approximately 20 vessels) and Sovcomflot (approximately 17 vessels).

We have chartering staff located in Singapore; London, England; and Houston, USA. Each office serves our clients headquartered in that office region. Fleet operations, vessel positions and charter market rates are monitored around the clock. We believe that monitoring such information is critical to making informed bids on competitive brokered business.

During 2012, approximately 7% of our net revenues were earned by the vessels in our spot tanker sub-segment, compared to approximately 9% in 2011 and 13% in 2010. Please read Item 5. Operating and Financial Review and Prospects: Results of Operations.

b) Fixed-Rate Tanker Sub-Segment

The vessels in our fixed-rate tanker sub-segment primarily consist of Aframax and Suezmax tankers that are employed on long-term time-charters. We consider contracts that have an original term of one year duration or more to be long-term. The only difference between the vessels in the spot tanker sub-segment and the fixed-rate tanker sub-segment is the duration of the contracts under which they are employed. During 2012, approximately 17% of our net revenues were earned by the vessels in the fixed-rate tanker sub-segment, compared to approximately 21% in 2011 and 20% in 2010. Please read Item 5. Operating and Financial Review and Prospects: Results of Operations.

Our Fleet

As at December 31, 2012, our fleet (excluding vessels managed for third parties) consisted of 146 vessels, including chartered-in vessels and newbuildings/conversions on order. The following table summarizes our fleet as at December 31, 2012:

	Owned Vessels	Chartered-in Vessels	Number of Vessels		Total
			Newbuildings / Conversions		
<u>Shuttle Tanker and FSO Segment</u>					
Shuttle Tankers	28 ⁽¹⁾	4 ⁽²⁾	4 ⁽³⁾		36

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FSO Units	4 ⁽⁴⁾			4
Total Shuttle Tanker and FSO Segment	32	4	4	40
<u>FPSO Segment</u>				
Shuttle Tankers	2 ⁽¹⁾⁽⁵⁾			2
FSO Unit	1 ⁽⁴⁾⁽⁵⁾			1
FPSO Units	9 ⁽⁵⁾		1 ⁽⁶⁾	10
Total FPSO Segment	12		1	13
<u>Liquefied Gas Segment</u>				
LNG Carriers	27 ⁽⁷⁾		2 ⁽⁸⁾	29
LPG Carriers	5 ⁽⁹⁾			5
Total Liquefied Gas Segment	32		2	34
<u>Spot Tanker Sub-Segment</u>				
Suezmax Tankers	10 ⁽¹⁰⁾			10
Aframax Tankers	6 ⁽¹¹⁾	7		13
Large Product Tankers	3 ⁽¹²⁾			3
Total Spot Tanker Sub-Segment	19	7		26
<u>Fixed-Rate Tanker Sub-Segment</u>				
Conventional Tankers	31 ⁽¹³⁾	1	1 ⁽¹⁴⁾	33
Total Fixed-Rate Tanker Sub-Segment	31	1	1	33
Total	126	12	8	146

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The following footnotes indicate the vessels in the table above that are owned or chartered-in by non-wholly owned subsidiaries of Teekay or have been or will be offered by us to Teekay LNG, Teekay Offshore or Teekay Tankers:

- (1) Includes 30 vessels owned by Teekay Offshore (including six through 50% controlled subsidiaries and three through 67% controlled subsidiaries).
- (2) All four vessels chartered-in by Teekay Offshore.
- (3) Includes four newbuilding vessels owned 100% by Teekay Offshore, which are scheduled to be delivered during 2013.
- (4) Includes four FSO units owned 100% by Teekay Offshore and one FSO unit owned through an 89% subsidiary of Teekay Offshore.
- (5) Includes four FPSO units owned 100% by Teekay Petrojarl. Teekay is required to offer to sell to Teekay Offshore any of these units that are servicing contracts in excess of three years in length. Three FPSO units are owned 100% by Teekay Offshore. One FPSO unit is owned 50% by Teekay and one is a variable interest entity. Certain of our FPSO contracts include the services of shuttle tankers and an FSO unit, and as such, these vessels are included in the FPSO segment.
- (6) Includes one FPSO unit owned 100% by us, which is scheduled to be delivered during the first half of 2014.
- (7) Includes the following interests of Teekay LNG: a 100% interest in six LNG carriers, a 70% interest in five LNG carriers, a 40% interest in four LNG carriers, a 50% interest in two LNG carriers, a 52% interest in six LNG carriers, and a 33% interest in four LNG carriers.
- (8) Includes two newbuilding vessels owned 100% by Teekay LNG, which are scheduled to be delivered in 2016.
- (9) Includes five vessels owned 100% by Teekay LNG.
- (10) Includes six Suezmax tankers owned 100% by Teekay Tankers.
- (11) Includes three vessels owned 100% by Teekay Offshore, two of which are chartered to Teekay, and three vessels owned 100% by Teekay Tankers.
- (12) Includes three vessels owned 100% by Teekay Tankers.
- (13) Includes eleven vessels owned 100% by Teekay LNG, four vessels owned 100% by Teekay Offshore, and 16 vessels owned 100% by Teekay Tankers.
- (14) Includes Teekay Tanker's 50% interest in one VLCC newbuilding, which is scheduled to be delivered in the second quarter of 2013.

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Our vessels are of Bahamian, Belgian, Danish, Isle of Man, Liberian, Marshall Islands, Norwegian, Singapore, and Spanish registry.

Many of our Aframax and Suezmax vessels and some of our shuttle tankers have been designed and constructed as substantially identical sister ships. These vessels can, in many situations, be interchanged, providing scheduling flexibility and greater capacity utilization. In addition, spare parts and technical knowledge can be applied to all the vessels in the particular series, thereby generating operating efficiencies.

As of December 31, 2012, we had four shuttle tankers, two LNG carriers and one FPSO unit on order. In addition, we had a 50% interest in one VLCC newbuilding on order. Please read Item 5. Operating and Financial Review and Prospects: Management's Discussion and Analysis of Financial Condition and Results of Operations, and Item 18. Financial Statements: Notes 16(a) and 16(b) Commitments and Contingencies Vessels Under Construction and Joint Ventures.

Please read Item 18. Financial Statements: Note 8 Long-Term Debt for information with respect to major encumbrances against our vessels.

Safety, Management of Ship Operations and Administration

Safety and environmental compliance are our top operational priorities. We operate our vessels in a manner intended to protect the safety and health of our employees, the general public and the environment. We seek to manage the risks inherent in our business and are committed to eliminating incidents that threaten the safety and integrity of our vessels, such as groundings, fires, collisions and petroleum spills. In 2008, we introduced the Quality Assurance and Training Officers Program (or *QATO*) to conduct rigorous internal audits of our processes and provide our seafarers with on-board training. In 2007, we introduced a behavior-based safety program called *Safety in Action* to improve the safety culture in our fleet. We are also committed to reducing our emissions and waste generation. In 2010, Teekay Corporation introduced the *Operational Leadership* campaign to reinforce commitment to personal and operational safety.

Key performance indicators facilitate regular monitoring of our operational performance. Targets are set on an annual basis to drive continuous improvement, and indicators are reviewed quarterly to determine if remedial action is necessary to reach the targets.

We, through certain of our subsidiaries, assist our operating subsidiaries in managing their ship operations. All vessels are operated under our comprehensive and integrated Safety Management System that complies with the International Safety Management Code (or *ISM Code*), the International Standards Organization's (or *ISO*) 9001 for Quality Assurance, ISO 14001 for Environment Management Systems, and Occupational Health and Safety Advisory Services (or *OHSAS*) 18001. The management system is certified by Det Norske Veritas (or *DNV*), the Norwegian classification society. It has also been separately approved by the Australian and Spanish Flag administrations. Although certification is valid for five years, compliance with the above mentioned standards is confirmed on a yearly basis by a rigorous auditing procedure that includes both internal audits as well as external verification audits by DNV and certain flag states.

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We provide, through certain of our subsidiaries, expertise in various functions critical to the operations of our operating subsidiaries. We believe this arrangement affords a safe, efficient and cost-effective operation. Our subsidiaries also provide to us access to human resources, financial and other administrative functions pursuant to administrative services agreements.

Critical ship management functions undertaken by our subsidiaries are:

vessel maintenance (including repairs and dry docking) and certification;

crewing by competent seafarers;

procurement of stores, bunkers and spare parts;

management of emergencies and incidents;

supervision of shipyard and projects during new-building and conversions;

insurance; and

financial management services.

Integrated on-board and on-shore systems support the management of maintenance, inventory control and procurement, crew management and training and assist with budgetary controls.

Our day-to-day focus on cost efficiencies is applied to all aspects of our operations. We believe that the generally uniform design of some of our existing and new-building vessels and the adoption of common equipment standards provides operational efficiencies, including with respect to crew training and vessel management, equipment operation and repair, and spare parts ordering. In addition, we and two other shipping companies have a purchasing alliance, Teekay Bergesen Worldwide, which leverages the purchasing power of the combined fleets, mainly in such commodity areas as lube oils, paints and other chemicals.

Risk of Loss and Insurance

The operation of any ocean-going vessel carries an inherent risk of catastrophic marine disasters, death or injury of persons and property losses caused by adverse weather conditions, mechanical failures, human error, war, terrorism, piracy and other circumstances or events. In addition, the transportation of crude oil, petroleum products, LNG and LPG is subject to the risk of spills and to business interruptions due to political circumstances in foreign countries, hostilities, labor strikes and boycotts. The occurrence of any of these events may result in loss of revenues or increased costs.

We carry hull and machinery (marine and war risks) and protection and indemnity insurance coverage to protect against most of the accident-related risks involved in the conduct of our business. Hull and machinery insurance covers loss of or damage to a vessel due to marine perils such as collision, grounding and weather. Protection and indemnity insurance indemnifies us against liabilities incurred while operating vessels, including injury to our crew or third parties, cargo loss and pollution. The current maximum amount of our coverage for pollution is \$1 billion per vessel per incident. We also carry insurance policies covering war risks (including piracy and terrorism) and, for some of our LNG carriers, loss of revenues resulting from vessel off-hire time due to a marine casualty. We believe that our current insurance coverage is adequate to protect against most of the accident-related risks involved in the conduct of our business and that we maintain appropriate levels of environmental damage and pollution insurance coverage. However, we cannot guarantee that all covered risks are adequately insured against, that any particular claim will be paid or that we will be able to procure adequate insurance coverage at commercially reasonable rates in the future. More stringent environmental regulations have resulted in increased costs for, and may result in the lack of availability of, insurance

against risks of environmental damage or pollution.

We use in our operations a thorough risk management program that includes, among other things, risk analysis tools, maintenance and assessment programs, a seafarers competence training program, seafarers workshops and membership in emergency response organizations.

We have achieved certification under the standards reflected in ISO 9001 for quality assurance, ISO 14001 for environment management systems, OHSAS 18001, and the IMO's International Management Code for the Safe Operation of Ships and Pollution Prevention on a fully integrated basis.

Operations Outside of the United States

Because our operations are primarily conducted outside of the United States, we are affected by currency fluctuations, to the extent we do not contract in U.S. dollars, and by changing economic, political and governmental conditions in the countries where we engage in business or where our vessels are registered. Past political conflicts in that region, particularly in the Arabian Gulf, have included attacks on tankers, mining of waterways and other efforts to disrupt shipping in the area. Vessels trading in the region have also been subject to acts of piracy. In addition to tankers, targets of terrorist attacks could include oil pipelines, LNG facilities and offshore oil fields. The escalation of existing, or the outbreak of future, hostilities or other political instability in this region or other regions where we operate could affect our trade patterns, increase insurance costs, increase tanker operational costs and otherwise adversely affect our operations and performance. In addition, tariffs, trade embargoes, and other economic sanctions by the United States or other countries against countries in the Indo-Pacific Basin or elsewhere as a result of terrorist attacks or otherwise may limit trading activities with those countries, which could also adversely affect our operations and performance.

Customers

We have derived, and believe that we will continue to derive, a significant portion of our revenues from a limited number of customers. Our customers include major energy and utility companies, major oil traders, large oil and LNG consumers and petroleum product producers, government agencies, and various other entities that depend upon marine transportation. Two customers, international oil companies, accounted for

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a total of 30%, or \$588.4 million, of our consolidated revenues during 2012 (2011 two customers for 27% or \$508.6 million, 2010 three customers for 38% or \$778.6 million). No other customer accounted for more than 10% of our consolidated revenues during 2012, 2011, or 2010. The loss of any significant customer or a substantial decline in the amount of services requested by a significant customer, or the inability of a significant customer to pay for our services, could have a material adverse effect on our business, financial condition and results of operations.

Flag, Classification, Audits and Inspections

Our vessels are registered with reputable flag states, and the hull and machinery of all of our vessels have been Classed by one of the major classification societies and members of International Association of Classification Societies Ltd (or IACS): BV, Lloyd's Register of Shipping or American Bureau of Shipping.

The applicable classification society certifies that the vessel's design and build conforms to the applicable Class rules and meets the requirements of the applicable rules and regulations of the country of registry of the vessel and the international conventions to which that country is a signatory. The classification society also verifies throughout the vessel's life that it continues to be maintained in accordance with those rules. In order to validate this, the vessels are surveyed by the classification society, in accordance to the classification society rules, which in the case of our vessels follows a comprehensive five-year special survey cycle, renewed every fifth year. During each five-year period, the vessel undergoes annual and intermediate surveys, the scrutiny and intensity of which is primarily dictated by the age of the vessel. As our vessels are modern and we have enhanced the resiliency of the underwater coatings of each vessel hull and marked the hull to facilitate underwater inspections by divers, their underwater areas are inspected in a dry-dock at five-year intervals. In-water inspection is carried out during the second or third annual inspection (i.e. during an Intermediate Survey).

In addition to class surveys, the vessel's flag state also verifies the condition of the vessel during annual flag state inspections, either independently or by additional authorization to class. Also, port state authorities of a vessel's port of call are authorized under international conventions to undertake regular and spot checks of vessels visiting their jurisdiction.

Processes followed onboard are audited by either the flag state or the classification society acting on behalf of the flag state to ensure that they meet the requirements of the ISM Code. DNV typically carries out this task. We also follow an internal process of internal audits undertaken at each office and vessel annually.

We follow a comprehensive inspections scheme supported by our sea staff, shore-based operational and technical specialists and members of our QATO program. We carry out a minimum of two such inspections annually, which helps ensure us that:

our vessels and operations adhere to our operating standards;

the structural integrity of the vessel is being maintained;

machinery and equipment is being maintained to give reliable service;

we are optimizing performance in terms of speed and fuel consumption; and

the vessel's appearance supports our brand and meets customer expectations.

Our customers also often carry out vetting inspections under the Ship Inspection Report Program, which is a significant safety initiative introduced by the Oil Companies International Marine Forum to specifically address concerns about sub-standard vessels. The inspection results permit charterers to screen a vessel to ensure that it meets their general and specific risk-based shipping requirements.

We believe that the heightened environmental and quality concerns of insurance underwriters, regulators and charterers will generally lead to greater scrutiny, inspection and safety requirements on all vessels in the oil tanker and LNG and LPG carrier markets and will accelerate the

scrapping or phasing out of older vessels throughout these markets.

Overall, we believe that our relatively new, well-maintained and high-quality vessels provide us with a competitive advantage in the current environment of increasing regulation and customer emphasis on quality of service.

Regulations

General

Our business and the operation of our vessels are significantly affected by international conventions and national, state and local laws and regulations in the jurisdictions in which our vessels operate, as well as in the country or countries of their registration. Because these conventions, laws and regulations change frequently, we cannot predict the ultimate cost of compliance or their impact on the resale price or useful life of our vessels. Additional conventions, laws, and regulations may be adopted that could limit our ability to do business or increase the cost of our doing business and that may materially adversely affect our operations. We are required by various governmental and quasi-governmental agencies to obtain permits, licenses and certificates with respect to our operations. Subject to the discussion below and to the fact that the kinds of permits, licenses and certificates required for the operations of the vessels we own will depend on a number of factors, we believe that we will be able to continue to obtain all permits, licenses and certificates material to the conduct of our operations.

International Maritime Organization (or IMO)

The IMO is the United Nations agency for maritime safety. IMO regulations relating to pollution prevention for oil tankers have been adopted by many of the jurisdictions in which our tanker fleet operates. Under IMO regulations and subject to limited exceptions, a tanker must be of double-hull construction, be of a mid-deck design with double-side construction or be of another approved design ensuring the same level of protection against oil pollution. All of our tankers are double hulled.

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Many countries, but not the United States, have ratified and follow the liability regime adopted by the IMO and set out in the International Convention on Civil Liability for Oil Pollution Damage, 1969, as amended (or *CLC*). Under this convention, a vessel's registered owner is strictly liable for pollution damage caused in the territorial waters of a contracting state by discharge of persistent oil (e.g., crude oil, fuel oil, heavy diesel oil or lubricating oil), subject to certain defenses. The right to limit liability to specified amounts that are periodically revised is forfeited under the CLC when the spill is caused by the owner's actual fault or when the spill is caused by the owner's intentional or reckless conduct. Vessels trading to contracting states must provide evidence of insurance covering the limited liability of the owner. In jurisdictions where the CLC has not been adopted, various legislative regimes or common law governs, and liability is imposed either on the basis of fault or in a manner similar to the CLC.

IMO regulations also include the International Convention for Safety of Life at Sea (or *SOLAS*), including amendments to SOLAS implementing the International Ship and Port Facility Security Code (or *ISPS*), the ISM Code, the International Convention on Load Lines of 1966, and, specifically with respect to LNG and LPG carriers, the International Code for Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (the *IGC Code*). The IMO Marine Safety Committee has also published guidelines for vessels with dynamic positioning (*DP*) systems, which would apply to shuttle tankers and DP-assisted FSO units and FPSO units. SOLAS provides rules for the construction of and equipment required for commercial vessels and includes regulations for safe operation. Flag states which have ratified the convention and the treaty generally employ the classification societies, which have incorporated SOLAS requirements into their class rules, to undertake surveys to confirm compliance.

SOLAS and other IMO regulations concerning safety, including those relating to treaties on training of shipboard personnel, lifesaving appliances, radio equipment and the global maritime distress and safety system, are applicable to our operations. Non-compliance with IMO regulations, including SOLAS, the ISM Code, ISPS, the IGC Code for LNG and LPG carriers, and the specific requirements for shuttle tankers, FSO units and FPSO units under the NPD (Norway) and HSE (United Kingdom) regulations, may subject us to increased liability or penalties, may lead to decreases in available insurance coverage for affected vessels and may result in the denial of access to or detention in some ports. For example, the U.S. Coast Guard and European Union authorities have indicated that vessels not in compliance with the ISM Code will be prohibited from trading in U.S. and European Union ports. The ISM Code requires vessel operators to obtain a safety management certification for each vessel they manage, evidencing the shipowner's development and maintenance of an extensive safety management system. Each of the existing vessels in our fleet is currently ISM Code-certified, and we expect to obtain safety management certificates for each newbuilding vessel upon delivery.

LNG and LPG carriers are also subject to regulation under the IGC Code. Each LNG and LPG carrier must obtain a certificate of compliance evidencing that it meets the requirements of the IGC Code, including requirements relating to its design and construction. Each of our LNG and LPG carriers is currently IGC Code certified, and each of the shipbuilding contracts for our LNG newbuildings, and for the LPG newbuildings requires IGC Code compliance prior to delivery.

Annex VI to the IMO's International Convention for the Prevention of Pollution from Ships (or *Annex VI*) sets limits on sulfur oxide and nitrogen oxide emissions from ship exhausts and prohibits emissions of ozone depleting substances, emissions of volatile compounds from cargo tanks and the incineration of specific substances. Annex VI also includes a world-wide cap on the sulfur content of fuel oil and allows for special areas to be established with more stringent controls on sulfur emissions.

The IMO has issued guidance regarding protecting against acts of piracy off the coast of Somalia. We comply with these guidelines.

In addition, the IMO has proposed that all tankers of the size we operate that are built starting in 2012 contain ballast water treatment systems, and that all other similarly sized tankers install treatment systems by their first intermediate or renewal survey after 2016. This convention has not yet been ratified, but when it becomes effective, we estimate that the installation of ballast water treatment systems on our tankers may cost between \$2 million and \$3 million per vessel.

European Union (or EU)

Like the IMO, the EU has adopted regulations phasing out single-hull tankers. All of our tankers are double-hulled. On May 17, 2011 the European commission carried out a number of dawn raids, or unannounced inspections, at the offices of some of the world's largest container line operators starting an antitrust investigation. We are not directly affected by this investigation and believe that we are compliant with antitrust rules. Nevertheless, it is possible that the investigation could be widened and new companies and practices come under scrutiny within the EU.

The EU has also adopted legislation (directive 2009/16/Econ Port State Control) that: bans from European waters manifestly sub-standard vessels (defined as vessels that have been detained twice by EU port authorities, in the preceding two years); creates obligations on the part of EU member port states to inspect at least 24% of vessels using these ports annually; provides for increased surveillance of vessels posing a high

risk to maritime safety or the marine environment; and provides the EU with greater authority and control over classification societies, including the ability to seek to suspend or revoke the authority of negligent societies.

Two new regulations were introduced by the European Commission in September 2010, as part of the implementation of the Port State Control Directive. These came into force on January 1, 2011 and introduce a ranking system (published on a public website and updated daily) displaying shipping companies operating in the EU with the worst safety records. The ranking is judged upon the results of the technical inspections carried out on the vessels owned by a particular shipping company. Those shipping companies that have the most positive safety records are rewarded by subjecting them to fewer inspections, whilst those with the most safety shortcomings or technical failings recorded upon inspection will in turn be subject to a greater frequency of official inspections to their vessels.

The EU has, by way of Directive 2005/35/EC, which has been amended by Directive 2009/123/EC created a legal framework for imposing criminal penalties in the event of discharges of oil and other noxious substances from ships sailing in its waters, irrespective of their flag. This relates to discharges of oil or other noxious substances from vessels. Minor discharges shall not automatically be considered as offences, except where repetition leads to deterioration in the quality of the water. The persons responsible may be subject to criminal penalties if they have acted with intent, recklessly or with serious negligence and the act of inciting, aiding and abetting a person to discharge a polluting substance may also lead to criminal penalties.

The EU has adopted regulations requiring the use of low sulfur fuel. Currently, vessels are required to burn fuel with a sulfur content not exceeding 1%. Beginning January 1, 2015, vessels are required to burn fuel with sulfur content not exceeding 0.1% while within EU member states territorial seas, exclusive economic zones and pollution control zones that are included in SOX Emission Control Areas. Other jurisdictions have also adopted regulations requiring the use of low sulfur fuel. The California Air Resources Board (or *CARB*) requires vessels to burn fuel with 0.1% sulfur content

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or less within 24 nautical miles of California as of January 1, 2014. IMO regulations require that as of January 1, 2015, all vessels operating within Emissions Control Areas (or *ECA*) worldwide must comply with 0.1% sulfur requirements. Currently, the only grade of fuel meeting 0.1% sulfur content requirement is low sulfur marine gas oil (or *LSMGO*). Currently, the only grade of fuel meeting this low sulfur content requirement is low sulfur marine gas oil (or *LSMGO*). Since July 1, 2010, the applicable sulfur content limits in the North Sea, the Baltic Sea and the English Channel sulfur control areas have been 0.1%. Certain modifications were completed on our Suezmax tankers in order to optimize operation on *LSMGO* of equipment originally designed to operate on Heavy Fuel Oil (or *HFO*), and to ensure our compliance with the Directive. In addition, *LSMGO* is more expensive than *HFO* and this impacts the costs of operations. However, for vessels employed on fixed term business, all fuel costs, including any increases, are borne by the charterer. Our exposure to increased cost is in our spot trading vessels, although our competitors bear a similar cost increase as this is a regulatory item applicable to all vessels. All required vessels in our fleet trading to and within regulated low sulfur areas are able to comply with fuel requirements.

North Sea and Brazil

Our shuttle tankers primarily operate in the North Sea and Brazil. In addition to the regulations imposed by the IMO and EU, countries having jurisdiction over North Sea areas impose regulatory requirements in connection with operations in those areas, including HSE in the United Kingdom and NPD in Norway. These regulatory requirements, together with additional requirements imposed by operators in North Sea oil fields, require that we make further expenditures for sophisticated equipment, reporting and redundancy systems on the shuttle tankers and for the training of seagoing staff. Additional regulations and requirements may be adopted or imposed that could limit our ability to do business or further increase the cost of doing business in the North Sea.

In Norway, the Norwegian Pollution Control Authority requires the installation of volatile organic compound emissions (or *VOC*) reduction units on most shuttle tankers serving the Norwegian continental shelf. Customers bear the cost to install and operate the *VOC* equipment on board the shuttle tankers.

In Brazil, Petrobras serves in a regulatory capacity, and has adopted standards similar to those in the North Sea.

United States

The United States has enacted an extensive regulatory and liability regime for the protection and cleanup of the environment from oil spills, including discharges of oil cargoes, bunker fuels or lubricants, primarily through the Oil Pollution Act of 1990 (or *OPA 90*) and the Comprehensive Environmental Response, Compensation and Liability Act (or *CERCLA*). *OPA 90* affects all owners, bareboat charterers, and operators whose vessels trade to the United States or its territories or possessions or whose vessels operate in United States waters, which include the U.S. territorial sea and 200-mile exclusive economic zone around the United States. *CERCLA* applies to the discharge of hazardous substances rather than oil and imposes strict joint and several liability upon the owners, operators or bareboat charterers of vessels for cleanup costs and damages arising from discharges of hazardous substances. We believe that petroleum products and LNG and LPG should not be considered hazardous substances under *CERCLA*, but additives to oil or lubricants used on LNG or LPG carriers and other vessels might fall within its scope.

Under *OPA 90*, vessel owners, operators and bareboat charterers are responsible parties and are jointly, severally and strictly liable (unless the oil spill results solely from the act or omission of a third party, an act of God or an act of war and the responsible party reports the incident and reasonably cooperates with the appropriate authorities) for all containment and cleanup costs and other damages arising from discharges or threatened discharges of oil from their vessels. These other damages are defined broadly to include:

natural resources damages and the related assessment costs;

real and personal property damages;

net loss of taxes, royalties, rents, fees and other lost revenues;

lost profits or impairment of earning capacity due to property or natural resources damage;

net cost of public services necessitated by a spill response, such as protection from fire, safety or health hazards; and

loss of subsistence use of natural resources.

OPA 90 limits the liability of responsible parties in an amount it periodically updates. The liability limits do not apply if the incident was proximately caused by violation of applicable U.S. federal safety, construction or operating regulations, including IMO conventions to which the United States is a signatory, or by the responsible party's gross negligence or willful misconduct, or if the responsible party fails or refuses to report the incident or to cooperate and assist in connection with the oil removal activities. Liability under CERCLA is also subject to limits unless the incident is caused by gross negligence, willful misconduct or a violation of certain regulations. We currently maintain for each of our vessel's pollution liability coverage in the maximum coverage amount of \$1 billion per incident. A catastrophic spill could exceed the coverage available, which could harm our business, financial condition and results of operations.

Under OPA 90, with limited exceptions, all newly built or converted tankers delivered after January 1, 1994 and operating in U.S. waters must be double-hulled. All of our tankers are double-hulled.

OPA 90 also requires owners and operators of vessels to establish and maintain with the United States Coast Guard (or *Coast Guard*) evidence of financial responsibility in an amount at least equal to the relevant limitation amount for such vessels under the statute. The Coast Guard has implemented regulations requiring that an owner or operator of a fleet of vessels must demonstrate evidence of financial responsibility in an amount sufficient to cover the vessel in the fleet having the greatest maximum limited liability under OPA 90 and CERCLA. Evidence of financial responsibility may be demonstrated by insurance, surety bond, self-insurance, guaranty or an alternate method subject to approval by the Coast Guard. Under the self-insurance provisions, the shipowner or operator must have a net worth and working capital, measured in assets located in the United States against liabilities located anywhere in the world, that exceeds the applicable amount of financial responsibility. We have complied with the Coast Guard regulations by using self-insurance for certain vessels and obtaining financial guaranties from a third party for the remaining vessels. If other vessels in our fleet trade into the United States in the future, we expect to obtain guaranties from third-party insurers.

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OPA 90 and CERCLA permit individual U. S. states to impose their own liability regimes with regard to oil or hazardous substance pollution incidents occurring within their boundaries, and some states have enacted legislation providing for unlimited strict liability for spills. Several coastal states, such as California, Washington and Alaska require state-specific evidence of financial responsibility and vessel response plans. We intend to comply with all applicable state regulations in the ports where our vessels call.

Owners or operators of vessels, including tankers operating in U.S. waters, are required to file vessel response plans with the Coast Guard, and their tankers are required to operate in compliance with their Coast Guard approved plans. Such response plans must, among other things:

address a worst case scenario and identify and ensure, through contract or other approved means, the availability of necessary private response resources to respond to a worst case discharge ;

describe crew training and drills; and

identify a qualified individual with full authority to implement removal actions.

We have filed vessel response plans with the Coast Guard and have received its approval of such plans. In addition, we conduct regular oil spill response drills in accordance with the guidelines set out in OPA 90. The Coast Guard has announced it intends to propose similar regulations requiring certain vessels to prepare response plans for the release of hazardous substances.

OPA 90 and CERCLA do not preclude claimants from seeking damages resulting from the discharge of oil and hazardous substances under other applicable law, including maritime tort law. Such claims could include attempts to characterize the transportation of LNG or LPG aboard a vessel as an ultra-hazardous activity under a doctrine that would impose strict liability for damages resulting from that activity. The application of this doctrine varies by jurisdiction.

The U.S. Clean Water Act also prohibits the discharge of oil or hazardous substances in U.S. navigable waters and imposes strict liability in the form of penalties for unauthorized discharges. The Clean Water Act imposes substantial liability for the costs of removal, remediation and damages and complements the remedies available under OPA 90 and CERCLA discussed above.

Our vessels that discharge certain effluents, including ballast water, in U.S. waters must obtain a Clean Water Act permit from the Environmental Protection Agency (or EPA) titled the Vessel General Permit and comply with a range of effluent limitations, best management practices, reporting, inspections and other requirements. The current Vessel General Permit was issued in December 2008 and expires on December 19, 2013. A new Vessel General Permit was issued in March 2013 and will become effective on December 19, 2013. In addition to the ballast water best management practices required under the 2008 Vessel General Permit, the 2013 Vessel General Permit contains numeric technology-based ballast water effluent limitations that will apply to certain commercial vessels with ballast water tanks. For certain existing vessels, the EPA has adopted a staggered implementation schedule to require vessels to meet the ballast water effluent limitations by the first drydocking after January 1, 2014 or January 1, 2016, depending on the vessel size. Vessels that are constructed after December 1, 2013 are subject to the ballast water numeric effluent limitations immediately upon the effective date of the 2013 Vessel General Permit.

Since 2009, several environmental groups and industry associations have filed challenges in U.S. federal court to the EPA's issuance of the Vessel General Permit. The EPA issued a final revised Vessel General Permit in March 2013 with an effective date of December 19, 2013.

Greenhouse Gas Regulation

In February 2005, the Kyoto Protocol to the United Nations Framework Convention on Climate Change (or the *Kyoto Protocol*) entered into force. Pursuant to the Kyoto Protocol, adopting countries are required to implement national programs to reduce emissions of greenhouse gases. In December 2009, more than 27 nations, including the United States, entered into the Copenhagen Accord. The Copenhagen Accord is non-binding, but is intended to pave the way for a comprehensive, international treaty on climate change. The IMO is evaluating various mandatory measures to reduce greenhouse gas emissions from international shipping, which may include market-based instruments or a carbon tax. The EU also has indicated that it intends to propose an expansion of an existing EU emissions trading regime to include emissions of greenhouse gases from vessels, and individual countries in the EU may impose additional requirements. In the United States, the EPA issued an endangerment finding regarding greenhouse gases under the Clean Air Act. While this finding in itself does not impose any requirements on our industry, it authorizes the EPA to regulate directly greenhouse gas emissions through a rule-making process. In addition, climate change

initiatives are being considered in the United States Congress and by individual states. Any passage of new climate control legislation or other regulatory initiatives by the IMO, EU, the United States or other countries or states where we operate that restrict emissions of greenhouse gases could have a significant financial and operational impact on our business that we cannot predict with certainty at this time.

Vessel Security

The ISPS was adopted by the IMO in December 2002 in the wake of heightened concern over worldwide terrorism and became effective on July 1, 2004. The objective of ISPS is to enhance maritime security by detecting security threats to ships and ports and by requiring the development of security plans and other measures designed to prevent such threats. Each of the existing vessels in our fleet currently complies with the requirements of ISPS and Maritime Transportation Security Act of 2002 (U.S. specific requirements) and regularly exercise these plans to ensure efficient use and familiarity by all involved.

C. Organizational Structure

Our organizational structure includes, among others, our interests in Teekay Offshore, Teekay LNG and Teekay Tankers, which are our publicly listed subsidiaries. We created Teekay Offshore and Teekay LNG primarily to hold our assets that generate long-term fixed-rate cash flows. The strategic rationale for establishing these two limited partnerships was to:

illuminate higher value of fixed-rate cash flows to Teekay investors;

realize advantages of a lower cost of equity when investing in new offshore or LNG projects; and

enhance returns to Teekay through fee-based revenue and ownership of the limited partnership's incentive distribution rights, which entitle the holder to disproportionate distributions of available cash as cash distribution levels to unit holders increase.

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We also established Teekay Offshore, Teekay LNG and Teekay Tankers to increase our access to capital to grow each of our businesses in the offshore, LNG, and conventional tanker markets.

The following chart provides an overview of our organizational structure as at March 1, 2013. Please read Exhibit 8.1 to this Annual Report for a list of our significant subsidiaries as at March 1, 2013.

- (1) The partnership is controlled by its general partner. Teekay Corporation has a 100% beneficial ownership in the general partner. However in certain limited cases, approval of a majority or supermajority of the common unit holders is required to approve certain actions.
- (2) Proportion of voting power held is 53.1%.
- (3) Including our 100% interest in Teekay Petrojarl.

Teekay LNG is a Marshall Islands limited partnership formed by us in 2005 as part of our strategy to expand our operations in the LNG and LPG shipping sectors. Teekay LNG provides LNG, LPG and crude oil marine transportation service under long-term, fixed-rate contracts with major energy and utility companies. As of December 31, 2012, Teekay LNG operated a fleet of 27 LNG carriers, five LPG carriers, 10 conventional tankers and one product tanker. Teekay LNG's ownership interests in these vessels range from 33% to 100%.

Teekay Offshore is a Marshall Islands limited partnership formed by us in 2006 as part of our strategy to expand our operations in the offshore oil marine transportation, processing and storage sectors. As of December 31, 2012, Teekay Offshore owned and operated a fleet of 38 shuttle tankers (including four chartered-in vessels and four newbuildings), five FSO units, seven conventional Aframax tankers and three FPSO units. Teekay Offshore's ownership interests in its owned vessels range from 50% to 100%. Most of Teekay Offshore's vessels operate under long-term, fixed-rate contracts. Pursuant to an omnibus agreement we entered into in connection with Teekay Offshore's initial public offering in 2006, we have agreed to offer to Teekay Offshore FPSO units that are servicing contracts in excess of three years in length.

In December 2007, we added Teekay Tankers to our structure. Teekay Tankers is a Marshall Islands corporation formed by us to facilitate the growth of our conventional tanker business. As of December 31, 2012, Teekay Tankers owned a fleet of 12 double-hull Aframax tankers, ten double-hull Suezmax tankers, six product tankers, one VLCC newbuilding and one in-chartered Aframax, all of which trade either in the spot tanker market or under short- or medium-term, fixed-rate time-charter contracts. Teekay Tankers owns 100% of its fleet, other than a 50% interest in the VLCC. Teekay Tankers' primary objective is to grow through the acquisition of conventional tanker assets from third parties and from us. Through a wholly-owned subsidiary, we provide Teekay Tankers with commercial, technical, administrative, and strategic services under a long-term management agreement. In exchange, Teekay Tankers has agreed to pay us both a market-based fee and a performance fee under certain circumstances to motivate us to increase Teekay Tankers' cash available for distribution to its stockholders.

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We entered into an omnibus agreement with Teekay LNG, Teekay Offshore and related parties governing, among other things, when we, Teekay LNG, and Teekay Offshore may compete with each other and certain rights of first offer on LNG carriers, oil tankers, shuttle tankers, FSO units and FPSO units. In addition, we entered into a non-competition agreement with Teekay Tankers, which provides Teekay Tankers with a right of first refusal to participate in any future conventional crude oil tanker and product tanker opportunities developed by us for a period of three years from June 2012.

D. Properties

Other than our vessels, we do not have any material property.

E. Taxation of the Company

The following discussion is a summary of the principal tax laws applicable to us. The following discussion of tax matters, as well as the conclusions regarding certain issues of tax law that are reflected in such discussion, are based on current law. No assurance can be given that changes in or interpretation of existing laws will not occur or will not be retroactive or that anticipated future factual matters and circumstances will in fact occur. Our views have no binding effect or official status of any kind, and no assurance can be given that the conclusions discussed below would be sustained if challenged by taxing authorities.

United States Taxation

The following discussion is based upon the provisions of the Internal Revenue Code of 1986, as amended (or the *Code*), legislative history, applicable U.S. Treasury Regulations (or *Treasury Regulations*), judicial authority and administrative interpretations, all as in effect on the date of this Annual Report, and which are subject to change, possibly with retroactive effect, or are subject to different interpretations. Changes in these authorities may cause the tax consequences to vary substantially from the consequences described below.

Taxation of Operating Income. A significant portion of our gross income will be attributable to the transportation of crude oil and related products. For this purpose, gross income attributable to transportation (or *Transportation Income*) includes income derived from, or in connection with, the use (or hiring or leasing for use) of a vessel to transport cargo, or the performance of services directly related to the use of any vessel to transport cargo, and thus includes both time-charter and bareboat charter income.

Transportation Income that is attributable to transportation that begins or ends, but that does not both begin and end, in the United States (or *U.S. Source International Transportation Income*) will be considered to be 50% derived from sources within the United States. Transportation Income attributable to transportation that both begins and ends in the United States (or *U.S. Source Domestic Transportation Income*) will be considered to be 100% derived from sources within the United States. Transportation Income attributable to transportation exclusively between non-U.S. destinations will be considered to be 100% derived from sources outside the United States. Transportation Income derived from sources outside the United States generally will not be subject to U.S. federal income tax.

We believe that we have not earned any U.S. Source Domestic Transportation Income, and we expect that we will not earn any such income in future years. However, certain of our subsidiaries which have made special U.S. tax elections to be treated as partnerships or disregarded as entities separate from us for U.S. federal income tax purposes are potentially engaged in activities which could give rise to U.S. Source International Transportation Income. Unless the exemption from tax under Section 883 of the Code (or the *Section 883 Exemption*) applies, our U.S. Source International Transportation Income generally will be subject to U.S. federal income taxation under either the net basis tax and the branch profits tax or the 4% gross basis tax, all of which are discussed below. Certain of our other subsidiaries also are engaged in activities which could give rise to U.S. Source International Transportation Income and rely on our ability to claim exemption under the Section 883 Exemption.

The Section 883 Exemption. In general, the Section 883 Exemption provides that if a non-U.S. corporation satisfies the requirements of Section 883 of the Code and the Treasury Regulations thereunder (or the *Section 883 Regulations*), it will not be subject to the net basis and branch profits taxes or 4% gross basis tax described below on its U.S. Source International Transportation Income. As discussed below, we believe the Section 883 Exemption will apply and we will not be taxed on our U.S. Source International Transportation Income. The Section 883 Exemption does not apply to U.S. Source Domestic Transportation Income.

A non-U.S. corporation will qualify for the Section 883 Exemption if, among other things, it is organized in a jurisdiction outside the United States that grants an equivalent exemption from tax to corporations organized in the United States (or an *Equivalent Exemption*), it meets one of three ownership tests described in the Section 883 Regulations (or the *Ownership Test*), and it meets certain substantiation, reporting and other requirements (or the *Substantiation Requirements*).

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We are organized under the laws of the Republic of The Marshall Islands. The U.S. Treasury Department has recognized the Republic of The Marshall Islands as a jurisdiction that grants an Equivalent Exemption. We also believe that we will be able to satisfy the Substantiation Requirements necessary to qualify for the Section 883 Exemption. Consequently, our U.S. Source International Transportation Income (including for this purpose, any such income earned by our subsidiaries that have properly elected to be treated as partnerships or disregarded as entities separate from us for U.S. federal income tax purposes) will be exempt from U.S. federal income taxation provided we satisfy the Ownership Test. We believe that we should satisfy the Ownership Test because our stock is primarily and regularly traded on an established securities market in the United States within the meaning of Section 883 of the Code and the Section 883 Regulations. We can give no assurance, however, that changes in the ownership of our stock subsequent to the date of this report will permit us to continue to qualify for the Section 883 exemption.

The Net Basis Tax and Branch Profits Tax. If we earn U.S. Source International Transportation Income and the Section 883 Exemption does not apply, such income may be treated as effectively connected with the conduct of a trade or business in the United States (or *Effectively Connected Income*) if we have a fixed place of business in the United States and substantially all of our U.S. Source International Transportation Income is attributable to regularly scheduled transportation or, in the case of income derived from bareboat charters, is attributable to a fixed place of business

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in the United States. Based on our current operations, none of our potential U.S. Source International Transportation Income is attributable to regularly scheduled transportation or is derived from bareboat charters attributable to a fixed place of business in the United States. As a result, we do not anticipate that any of our U.S. Source International Transportation Income will be treated as Effectively Connected Income. However, there is no assurance that we will not earn income pursuant to regularly scheduled transportation or bareboat charters attributable to a fixed place of business in the United States in the future, which would result in such income being treated as Effectively Connected Income.

U.S. Source Domestic Transportation Income generally will be treated as Effectively Connected Income. However, we do not anticipate that any of our income has or will be U.S. Source Domestic Transportation Income.

Any income we earn that is treated as Effectively Connected Income would be subject to U.S. federal corporate income tax (the highest statutory rate currently is 35%). In addition, if we earn income that is treated as Effectively Connected Income, a 30% branch profits tax imposed under Section 884 of the Code generally would apply to such income, and a branch interest tax could be imposed on certain interest paid or deemed paid by us.

On the sale of a vessel that has produced Effectively Connected Income, we could be subject to the net basis corporate income tax and to the 30% branch profits tax with respect to our gain not in excess of certain prior deductions for depreciation that reduced Effectively Connected Income. Otherwise, we would not be subject to U.S. federal income tax with respect to gain realized on the sale of a vessel, provided the sale is considered to occur outside of the United States under U.S. federal income tax principles.

The 4% Gross Basis Tax. If the Section 883 Exemption does not apply and the net basis tax does not apply, we would be subject to a 4% U.S. federal income tax on the U.S. source portion of our gross U.S. Source International Transportation Income, without benefit of deductions. For 2013, we estimate that, if the Section 883 Exemption and the net basis tax did not apply, the U.S. federal income tax on such U.S. Source International Transportation Income would be approximately \$1.5 million. In addition, we estimate that certain of our subsidiaries that are unable to claim the Section 883 Exemption were subject to less than \$400,000 in the aggregate of U.S. federal income tax on the U.S. source portion of their U.S. Source International Transportation Income for 2013 and we estimate that these subsidiaries will be subject to less than \$400,000 in the aggregate of U.S. federal income tax on the U.S. source portion of their U.S. Source International Transportation Income in subsequent years. The amount of such tax for which we or our subsidiaries may be liable for in any year will depend upon the amount of income we earn from voyages into or out of the United States in such year, however, which is not within our complete control

Marshall Islands Taxation

We believe that neither we nor our subsidiaries will be subject to taxation under the laws of the Marshall Islands, or that distributions by our subsidiaries to us will be subject to any taxes under the laws of the Marshall Islands.

Other Taxation

We and our subsidiaries are subject to taxation in certain non- U.S. jurisdictions because we or our subsidiaries are either organized, or conduct business or operations, in such jurisdictions. We intend that our business and the business of our subsidiaries will be conducted and operated in a manner that minimizes taxes imposed upon us and our subsidiaries. However, we cannot assure this result as tax laws in these or other jurisdictions may change or we may enter into new business transactions relating to such jurisdictions, which could affect our tax liability. Please read Item 18. Financial Statements: Note 21 Income Taxes.

Item 4A. Unresolved Staff Comments

None.

Item 5. Operating and Financial Review and Prospects

The following discussion should be read in conjunction with the financial statements and notes thereto appearing elsewhere in this report.

Management's Discussion and Analysis of Financial Condition and Results of Operations

Overview

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Teekay Corporation (or *Teekay*) is a leading provider of international crude oil and gas marine transportation services and we also offer offshore oil production, storage and offloading services, primarily under long-term, fixed-rate contracts. Over the past decade, we have undergone a major transformation from being primarily an owner of ships in the cyclical spot tanker business to being a growth-oriented asset manager in the Marine Midstream sector. This transformation has included our expansion into the liquefied natural gas (or *LNG*) and liquefied petroleum gas (or *LPG*) shipping sectors through our publicly listed subsidiary Teekay LNG Partners L.P. (or *Teekay LNG*), further growth of our operations in the offshore production, storage and transportation sector through our publicly listed subsidiary Teekay Offshore Partners L.P. (or *Teekay Offshore*) and through our 100% ownership interest in Teekay Petrojarl AS (or *Teekay Petrojarl*), and the continuation of our conventional tanker business through our publicly listed subsidiary Teekay Tankers Ltd. (or *Teekay Tankers*). We are responsible for managing and operating a fleet of approximately 170 liquefied gas, offshore, and conventional tanker assets with a combined carrying value of over \$11 billion. With offices in 16 countries and approximately 6,400 seagoing and shore-based employees, Teekay provides a comprehensive set of marine services to the world's leading oil and gas companies, and its reputation for safety, quality and innovation has earned it a position with its customers as The Marine Midstream Company.

SIGNIFICANT DEVELOPMENTS IN 2012 AND EARLY 2013

Sale of Vessels to Teekay Tankers

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In June 2012, we sold to Teekay Tankers a fleet of 13 double-hull conventional oil and product tankers and related time-charter contracts, debt facilities and other assets and rights, for an aggregate purchase price of approximately \$454.2 million. As partial consideration for the sale, we received \$25 million worth of newly issued shares of Teekay Tankers' Class A common stock, issued at a price of \$5.60 per share, and the remaining amount was settled through a combination of a cash payment to us and the assumption by Teekay Tankers of existing debt secured by the acquired vessels. As a result, our economic interest in Teekay Tankers increased from approximately 20.4% to approximately 25.1% and our voting interest as a result of our combined ownership of Class A and Class B shares increased from approximately 51% to approximately 53%. As part of this transaction, we entered into a non-competition agreement with Teekay Tankers, which provides Teekay Tankers with a right of first refusal to participate in any future conventional crude oil tanker and product tanker opportunities developed by us for a period of three years from the closing date of the transaction.

Acquisition of LNG carriers by Teekay LNG

In February 2012, Teekay LNG and the Marubeni Corporation (or *Marubeni*) acquired, through a joint venture (or the *Teekay LNG-Marubeni Joint Venture*), 100% ownership interests in six liquefied natural gas (or *LNG*) carriers (or the *MALT LNG Carriers*) from Denmark-based A.P. Moeller-Maersk A/S (or *Maersk*) for an aggregate purchase price of approximately \$1.3 billion. Teekay LNG and Marubeni have 52% and 48% respective economic interests, but share control of the Teekay LNG-Marubeni Joint Venture. Four of the six MALT LNG Carriers are currently operating under long-term, fixed-rate time-charter contracts, with an average remaining firm contract period of approximately 17 years, plus extension options. The other two vessels are currently operating under medium-term, fixed-rate time-charters with an average remaining firm contract period of approximately four years. Since control of the Teekay LNG-Marubeni Joint Venture is shared jointly between Teekay LNG and Marubeni, Teekay LNG has accounted for the Teekay LNG-Marubeni Joint Venture using the equity method.

The Teekay LNG-Marubeni Joint Venture financed approximately \$1.06 billion of the purchase price for the MALT LNG Carriers with secured loan facilities, and an aggregate \$266 million from equity contributions from Teekay LNG and Marubeni. Teekay LNG agreed to guarantee Teekay LNG's 52% share of the secured loan facilities of the Teekay LNG-Marubeni Joint Venture and as a result, deposited \$30 million in a restricted cash account as security. Teekay LNG's 52% share of the equity contribution was approximately \$138 million. Teekay LNG financed this equity contribution by drawing on its existing credit facilities. Teekay provides technical management of the acquired vessels.

Recent Offshore Business Developments

In November 2011, we agreed to acquire from Sevan Marine ASA (*Sevan*) the *Voyageur Spirit* (formerly known as the *Sevan Voyageur*) FPSO unit upon the completion of certain upgrades. In June 2012, we offered the *Voyageur Spirit* to Teekay Offshore for a purchase price of approximately \$540 million. In September 2012, we entered into an agreement to sell, subject to certain conditions, the *Voyageur Spirit* to Teekay Offshore for such price following its commencement of operations under a long-term charter contract with E.ON Ruhrgas UK E&P Limited (or *E.ON*). Operations commenced under the charter in April 2013 after the FPSO unit produced first oil in the North Sea's Huntington Field. The charter contract has an initial term of five years, with up to 10 one-year extension options exercisable by E.ON., subject to certain conditions. Teekay Offshore intends to pay the \$540 million purchase price for the *Voyageur Spirit* through (a) the proceeds from its September 2012 equity public offering (b) the issuance by Teekay Offshore to us of \$40 million of its common units (priced at the same price per unit to the public as units issued in the September 2012 public offering) and (c) assumption of a new \$330 million debt facility secured by the asset. Conditions to the closing of Teekay Offshore's acquisition of the unit include, among others, Teekay Offshore obtaining financing and that we have acquired the *Voyageur Spirit* and related assets pursuant to the terms of our acquisition agreement with Sevan. In February 2013, Teekay Offshore made a partial prepayment of \$150.0 million to us in connection the acquisition of the *Voyageur Spirit* FPSO unit. We will pay Teekay Offshore interest at a rate of LIBOR plus a margin of 4.25% per annum on the prepaid funds. We are obligated to repay Teekay Offshore the full amount of the prepaid funds, plus accrued interest, if the acquisition does not close before April 30, 2013.

In January 2012, we sold the assets related to the Tiro and Sidon FPSO project, including the then partially constructed *Cidade de Itajai* FPSO unit, and the related customer contracts, to OOG-TKP FPSO GmbH & Co KG, a 50/50 joint venture between us and Odebrecht Oil & Gas S.A., for approximately \$179 million. The joint venture financed the purchase price 80% with borrowings under a new \$300 million debt facility secured by the FPSO unit and the balance with pro rata equity contributions by each of the joint venture partners. The FPSO unit was delivered from the shipyard in Singapore in November 2012 and was transitioned to Brazil. The FPSO unit achieved first oil in February 2013, at which time the unit commenced operations under a nine-year, fixed-rate time-charter contract with Petroleo Brasileiro S.A. (or *Petrobras*), with six additional one-year extension options exercisable by Petrobras. In April 2013, pursuant to our omnibus agreement with Teekay Offshore, Teekay LNG and others, we offered to Teekay Offshore our 50% interest in this FPSO project at our fully built-up cost.

In November 2012, Teekay Offshore agreed to acquire a 2010-built HiLoad Dynamic Positioning (*DP*) unit from Remora AS (or *Remora*), a Norway-based offshore marine technology company, for a total purchase price of approximately \$55 million including modification costs. The HiLoad DP unit is a self-propelled dynamic positioning system that attaches to and keeps conventional tankers in position when loading from offshore installations. The transaction is subject to finalizing a ten-year time-charter contract with Petrobras in Brazil. The acquisition of the

HiLoad DP unit is expected to be completed in the second quarter of 2013 and the unit is expected to commence operating at its full time-charter rate in early 2014 once modifications, delivery of the DP unit to Brazil, and operational testing have been completed. As part of the transaction, we have also agreed to invest approximately \$4.4 million to acquire a 49.9% ownership interest in a recapitalized Remora. In addition, Teekay Offshore will enter into an agreement with Remora which will provide Teekay Offshore with the right of first refusal to acquire future HiLoad projects developed by Remora.

In January 2013, Teekay Offshore signed a letter of intent with Salamander Energy plc to supply an FSO unit in Asia for a firm charter period of ten years commencing in mid-2014. For this contract, Teekay Offshore intends to convert its 1993-built shuttle tanker the *Navion Clipper* into an FSO unit for an estimated cost of approximately \$50 million. Teekay Offshore is in the process of finalizing the contract terms with the charterer.

Private Placement by Teekay Offshore

In April 2013, Teekay Offshore issued 2.06 million common units in a private placement to an institutional investor for proceeds of approximately \$60.0 million, excluding the General Partner's 2% proportionate capital contribution of \$1.2 million. Upon completion of the private placement, Teekay Offshore had 83.8 million common units outstanding. Teekay Offshore will use the proceeds from the issuance of common units to partially finance the shipyard instalments for the four Suezmax newbuilding shuttle tankers that are scheduled for deliveries throughout 2013, and for general corporate purposes. As a result of this private placement, our ownership of Teekay Offshore was reduced to 28.7% (including our 2% general partner interest). We maintain control of Teekay Offshore by virtue of our control of the general partner and will continue to consolidate the subsidiary.

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Public Offering of Preferred Units by Teekay Offshore

In April 2013, Teekay Offshore issued 6.0 million preferred units in a public offering for net proceeds of \$144.9 million, representing a new class of limited partner interests. Teekay Offshore expects to use the net proceeds from the public offering for general corporate purposes, including the funding of newbuilding installments, capital conversion projects and the acquisitions of vessels we may offer to Teekay Offshore. Pending the application of funds for these purposes, Teekay Offshore expects to repay a portion of its outstanding debt under two of its revolving credit facilities.

OTHER SIGNIFICANT PROJECTS AND DEVELOPMENTS

Four Long Range 2 Product Tanker Newbuildings

In April 2013, Teekay Tankers entered into agreement with STX Offshore & Shipbuilding Co., Ltd (or *STX*) of South Korea for the construction of four, fuel-efficient 113,000 dead-weight tonne (or *dwt*) Long Range 2 (or *LR2*) product tanker newbuildings for a fully built up cost of approximately \$47 million each. The agreement with STX also includes fixed-price options for the construction up to 12 additional LR2 newbuildings, which options expire between October 2013 and October 2014. Upon delivery, it is expected that the four vessels will operate in our Taurus Tankers LR2 Pool. Teekay Tankers intends to finance the installment payments with its existing liquidity and expects to secure long-term debt financing for the four vessels prior to their scheduled deliveries in late-2015 and early-2016. Please read Item 18 Financial Statements: Note 25 (c) Subsequent Events.

Exmar LPG Joint Venture

On February 12, 2013, Teekay LNG entered into a joint venture agreement with Belgium-based Exmar NV (or *Exmar*) to own and charter-in liquefied petroleum gas (or *LPG*) carriers with a primary focus on the mid-size gas carrier segment. The joint venture entity, called Exmar LPG BVBA, took economic effect as of November 1, 2012 and includes 16 owned LPG carriers (including four newbuildings scheduled for delivery in 2014) and five chartered-in LPG carriers. In addition, the joint venture recently ordered another four medium-size gas carrier newbuildings with deliveries scheduled between 2015 and 2016, with options to order up to four additional vessels, which brings the total fleet size of Exmar LPG BVBA to 25 vessels, excluding options. For its 50% ownership interest in the joint venture, including newbuilding payments made prior to the November 1, 2012 economic effective date of the joint venture, Teekay LNG invested approximately \$134 million of equity and assumed approximately \$108 million of its pro rata share of the existing debt and lease obligations as of the economic effective date, secured by certain vessels in the Exmar LPG BVBA fleet. Exmar will continue to commercially and technically manage and operate the vessels. Since control of Exmar LPG BVBA will be shared jointly between Exmar and Teekay LNG, Teekay LNG expects to account for Exmar LPG BVBA using the equity method.

Two LNG Newbuildings

In December 2012, Teekay LNG entered into an agreement with Daewoo Shipbuilding & Marine Engineering Co., Ltd. (or *DSME*) of South Korea for the construction of two 173,400 cubic meter LNG carrier newbuildings, with options to order up to three additional vessels. Teekay LNG intends to secure long-term contract employment for both vessels prior to their scheduled deliveries in the first half of 2016. The newbuildings will be constructed with M-type, Electronically Controlled, Gas Injection (or *MEGI*) twin engines, which are expected to be significantly more fuel-efficient and have lower emission levels than other engines currently being utilized in LNG shipping. The contract with DSME includes a favorable installment payment schedule, with the majority of the purchase price due upon delivery. Teekay LNG paid \$38.6 million on the first installment payment and intends to finance the future installment payments during construction with a portion of its existing liquidity, which was approximately \$495.0 million as of December 31, 2012. Teekay LNG expects to secure long-term debt financing for the two vessels prior to their scheduled delivery.

Storm Damage to Banff FPSO Unit

On December 7, 2011, the Petrojarl Banff FPSO unit (or *Banff*), which operates on the Banff field in the U.K. sector of the North Sea, suffered a severe storm event and sustained damage to its moorings, turret and subsea equipment, which necessitated the shutdown of production on the unit. Due to the damage, we declared force majeure under the customer contract on December 8, 2011 and the *Banff* FPSO unit commenced a period of off-hire which is currently expected to continue until the fourth quarter of 2013 while repairs are assessed and completed. We do not have off-hire insurance covering the *Banff* FPSO. After the repairs and upgrades are completed, the *Banff* FPSO unit is expected to resume production on the Banff field, where it is expected to remain under contract until the end of 2018.

We expect that repair costs to the *Banff* FPSO unit and equipment and costs associated with the emergency response to prevent loss or further damage during the December 7, 2011 storm event will be primarily reimbursed through our insurance coverage subject to a \$750,000 deductible and the other terms and conditions of the applicable policies. In addition, we will also incur certain capital upgrade costs for the *Banff* FPSO unit and the *Apollo Spirit* related to upgrades to the mooring system required by the relevant regulatory authorities due in part to new metocean and environmental data and other safety considerations. The *Apollo Spirit* was operating on the Banff field as a storage tanker and is expected to return to the Banff field at the same time as the *Banff* FPSO. The total of these capital upgrade costs is expected to amount to approximately \$90 million. The recovery of the capital upgrade costs from the charterer is subject to commercial negotiations or, failing agreement, the responsibility for these costs will be determined by an expedited arbitration procedure already agreed by the parties. Any capital upgrade costs not recovered from the charterer will be capitalized to the vessel cost.

Vessel Impairments

In 2012, 19 conventional tankers were written down to their estimated fair value using an appraised value in a substantial majority of the cases, resulting in a total write down of \$405.3 million within the conventional tanker segment. This write down included ten Suezmax tankers (\$335.0 million), seven Aframax tankers (\$66.0 million), and two other conventional tankers (\$4.3 million). When comparing seven of the ten Suezmax tankers to each other and when comparing four of the seven Aframax tankers to each other, the vessels have a similar age, had a similar carrying value and a similar estimated fair value, and are all being employed in the spot market or on short term time-charters. The total write down of \$405.3 million includes \$350.2 million from these eleven vessels. The primary factors that caused the write downs were a negative change in the outlook for the crude tanker market, a delay in the expected timing of a recovery of the crude tanker market as well as the expected discrimination impact from more fuel efficient vessels being constructed. One of the seven Aframax tankers was held for sale at December 31, 2012 and was subsequently sold in January 2013.

In 2012, four older shuttle tankers and one FSO unit were written down to their estimated fair value using an appraised value, resulting in a total write down of \$28.8 million within the shuttle tanker and FSO segment. The write downs were the result of us entering into agreements in the fourth quarter of 2012 to sell two shuttle tankers and a change in the operating plans for the remaining vessels.

Table of Contents**IMPORTANT FINANCIAL AND OPERATIONAL TERMS AND CONCEPTS**

We use a variety of financial and operational terms and concepts when analyzing our performance. These include the following:

Revenues. Revenues primarily include revenues from voyage charters, pool arrangements, time-charters accounted for under operating and direct financing leases, contracts of affreightment and FPSO contracts. Revenues are affected by hire rates and the number of days a vessel operates and the daily production volume on FPSO units. Revenues are also affected by the mix of business between time-charters, voyage charters, contracts of affreightment and vessels operating in pool arrangements. Hire rates for voyage charters are more volatile, as they are typically tied to prevailing market rates at the time of a voyage.

Voyage Expenses. Voyage expenses are all expenses unique to a particular voyage, including any bunker fuel expenses, port fees, cargo loading and unloading expenses, canal tolls, agency fees and commissions. Voyage expenses are typically paid by the customer under time-charters and FPSO contracts and by us under voyage charters and contracts of affreightment.

Net Revenues. Net revenues represent revenues less voyage expenses. Because the amount of voyage expenses we incur for a particular charter depends upon the form of the charter, we use net revenues to improve the comparability between periods of reported revenues that are generated by the different forms of charters and contracts. We principally use net revenues, a non-GAAP financial measure, because it provides more meaningful information to us about the deployment of our vessels and their performance than revenues, the most directly comparable financial measure under United States generally accepted accounting principles (or *GAAP*).

Vessel Operating Expenses. Under all types of charters and contracts for our vessels, except for bareboat charters, we are responsible for vessel operating expenses, which include crewing, repairs and maintenance, insurance, stores, lube oils and communication expenses. The two largest components of our vessel operating expenses are crew costs and repairs and maintenance. We expect these expenses to increase as our fleet matures and to the extent that it expands.

Income from Vessel Operations. To assist us in evaluating our operations by segment, we analyze our income from vessel operations for each segment, which represents the income we receive from the segment after deducting operating expenses, but prior to the deduction of interest expense, realized and unrealized gains (losses) on non-designated derivative instruments, income taxes, foreign currency and other income and losses.

Dry docking. We must periodically dry dock each of our vessels for inspection, repairs and maintenance and any modifications to comply with industry certification or governmental requirements. Generally, we dry dock each of our vessels every two and a half to five years, depending upon the type of vessel and its age. In addition, a shipping society classification intermediate survey is performed on our LNG carriers between the second and third year of the five-year dry docking period. We capitalize a substantial portion of the costs incurred during dry docking and for the survey and amortize those costs on a straight-line basis from the completion of a dry docking or intermediate survey over the estimated useful life of the dry dock. We expense as incurred costs for routine repairs and maintenance performed during dry dockings that do not improve or extend the useful lives of the assets and annual class survey costs for our FPSO units. The number of dry dockings undertaken in a given period and the nature of the work performed determine the level of dry docking expenditures.

Depreciation and Amortization. Our depreciation and amortization expense typically consists of:

charges related to the depreciation and amortization of the historical cost of our fleet (less an estimated residual value) over the estimated useful lives of our vessels;

charges related to the amortization of dry docking expenditures over the useful life of the dry dock; and

charges related to the amortization of intangible assets, including the fair value of the time-charters, contracts of affreightment and customer relationships where amounts have been attributed to those items in acquisitions; these amounts are amortized over the period in which the asset is expected to contribute to our future cash flows.

Time-Charter Equivalent (TCE) Rates. Bulk shipping industry freight rates are commonly measured in the shipping industry at the net revenues level in terms of time-charter equivalent (or *TCE*) rates, which represent net revenues divided by revenue days.

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Revenue Days. Revenue days are the total number of calendar days our vessels were in our possession during a period, less the total number of off-hire days during the period associated with major repairs, dry dockings or special or intermediate surveys. Consequently, revenue days represent the total number of days available for the vessel to earn revenue. Idle days, which are days when the vessel is available for the vessel to earn revenue, yet is not employed, are included in revenue days. We use revenue days to explain changes in our net revenues between periods.

Calendar-Ship-Days. Calendar-ship-days are equal to the total number of calendar days that our vessels were in our possession during a period. As a result, we use calendar-ship-days primarily in explaining changes in vessel operating expenses, time-charter hire expense and depreciation and amortization.

Restricted Cash Deposits. Under the terms of the tax leases for three of our LNG carriers, we are required to have on deposit with financial institutions an amount of cash that, together with interest earned on the deposit, will equal the remaining amounts owing under the leases, including the obligations to purchase the LNG carriers at the end of the lease periods, where applicable. During vessel construction, however, the amount of restricted cash approximates the accumulated vessel construction costs. In December 2011, the capital lease on one of the four LNG carriers expired and the purchase obligation was fully funded with restricted cash deposits. These cash deposits are restricted to being used for capital lease payments and have been fully funded with term loans and loans from our joint venture partners. Please read Item 18. Financial Statements: Note 10 Capital Lease Obligations and Restricted Cash.

Table of Contents**ITEMS YOU SHOULD CONSIDER WHEN EVALUATING OUR RESULTS**

You should consider the following factors when evaluating our historical financial performance and assessing our future prospects:

Our revenues are affected by cyclicity in the tanker markets. The cyclical nature of the tanker industry causes significant increases or decreases in the revenue we earn from our vessels, particularly those we trade in the spot market. This could affect the amount of dividends, if any, we pay on our common stock from period to period.

Tanker rates also fluctuate based on seasonal variations in demand. Tanker markets are typically stronger in the winter months as a result of increased oil consumption in the Northern Hemisphere but weaker in the summer months as a result of lower oil consumption in the Northern Hemisphere and increased refinery maintenance. In addition, unpredictable weather patterns during the winter months tend to disrupt vessel scheduling, which historically has increased oil price volatility and oil trading activities in the winter months. As a result, revenues generated by our vessels have historically been weaker during the quarters ended June 30 and September 30, and stronger in the quarters ended December 31 and March 31.

The size of our fleet continues to change. Our results of operations reflect changes in the size and composition of our fleet due to certain vessel deliveries, vessel dispositions and changes to the number of vessels we charter in. Please read [Results of Operations](#) below for further details about vessel dispositions, deliveries and vessels chartered in. Due to the nature of our business, we expect our fleet to continue to fluctuate in size and composition.

Vessel operating and other costs are facing industry-wide cost pressures. The shipping industry continues to experience a global manpower shortage of qualified seafarers due to growth in the world fleet, which in recent years has resulted in upward pressure on manning costs. Lately, the gap between demand and supply of officers has narrowed, which has allowed at least on a temporary basis, for wages in certain sectors to stabilize or have smaller increases than has previously been the case. Going forward, there may be increases in crew compensation as vessel and officer supply dynamics continue to change. In addition, factors such as pressure on commodity and raw material prices, as well as changes in regulatory requirements could also contribute to operating expenditure increases. We continue to take action aimed at improving operational efficiencies, and to temper the effect of inflationary and other price escalations, however increases to operational costs are still likely to occur in the future.

Our net income is affected by fluctuations in the fair value of our derivative instruments. Our cross currency and interest rate swap agreements and some of our foreign currency forward contracts are not designated as hedges for accounting purposes. Although we believe these derivative instruments are economic hedges, the changes in their fair value are included in our statements of loss as unrealized gains or losses on non-designated derivatives. The changes in fair value do not affect our cash flows or liquidity.

The amount and timing of dry dockings of our vessels can affect our revenues between periods. Our vessels are off hire at various times due to scheduled and unscheduled maintenance. During 2012 and 2011 we incurred 358 and 617 off-hire days relating to dry docking, respectively. The financial impact from these periods of off-hire, if material, is explained in further detail below in [Results of Operations](#). Twenty-one of our vessels are scheduled for dry docking during 2013.

RESULTS OF OPERATIONS

In accordance with GAAP, we report gross revenues in our consolidated income statements and include voyage expenses among our operating expenses. However, ship-owners base economic decisions regarding the deployment of their vessels upon anticipated TCE rates, and industry analysts typically measure bulk shipping freight rates in terms of TCE rates. This is because under time-charter contracts and FPSO contracts the customer usually pays the voyage expenses, while under voyage charters and contracts of affreightment the ship-owner usually pays the voyage expenses, which typically are added to the hire rate at an approximate cost. Accordingly, the discussion of revenue below focuses on net revenues and TCE rates of our four reportable segments where applicable.

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We manage our business and analyze and report our results of operations on the basis of four segments: the shuttle tanker and FSO segment, the FPSO segment, the liquefied gas segment, and the conventional tanker segment. In order to provide investors with additional information about our conventional tanker segment, we have divided this operating segment into the fixed-rate tanker sub-segment and the spot tanker sub-segment. Please read Item 18. Financial Statements: Note 2 Segment Reporting.

Year Ended December 31, 2012 versus Year Ended December 31, 2011

Shuttle Tanker and FSO Segment

Our shuttle tanker and floating storage and offtake (or *FSO*) segment (which includes our Teekay Shuttle and Offshore business unit) includes our shuttle tankers and FSO units. As at December 31, 2012, our shuttle tanker fleet consisted of 32 vessels that operate under fixed-rate contracts of affreightment, time charters and bareboat charters. Of the 32 shuttle tankers, six were owned through 50% owned subsidiaries of Teekay Offshore, three through a 67% owned subsidiary of Teekay Offshore and four were chartered-in by Teekay Offshore, with the remainder owned 100% by Teekay Offshore. Our FSO fleet consists of four vessels owned by Teekay Offshore that operate under fixed-rate time charters or fixed-rate bareboat charters. We have 100% ownership interests in these units. We also have four newbuilding shuttle tankers on order which are scheduled to deliver in mid-to late-2013. Please read Item 18. Financial Statements: Note 16(a) Commitments and Contingencies Vessels Under Construction. We use these vessels to provide transportation and storage services to oil companies operating offshore oil field installations, primarily in the North Sea and Brazil. Our shuttle tankers in this segment service the conventional spot market from time to time.

The following table presents our shuttle tanker and FSO segment's operating results and compares its net revenues (which is a non-GAAP financial measure) to revenues, the most directly comparable GAAP financial measure. The following table also provides a summary of the changes in calendar-ship-days by owned and chartered-in vessels for our shuttle tanker and FSO segment:

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(in thousands of U.S. dollars, except calendar-ship-days and percentages)	Year Ended December 31		% Change
	2012	2011	
Revenues	613,388	613,768	(0.1)
Voyage expenses	104,382	97,743	6.8
Net revenues	509,006	516,025	(1.4)
Vessel operating expenses	175,459	196,536	(10.7)
Time-charter hire expense	56,989	74,478	(23.5)
Depreciation and amortization	125,104	129,293	(3.2)
General and administrative ⁽¹⁾	54,139	60,359	(10.3)
Asset impairments	28,830	43,185	(33.2)
Net loss on sale of vessels and equipment	1,112	171	550.3
Restructuring charges	652	5,351	(87.8)
Income from vessel operations	66,721	6,652	903.0
Calendar-Ship-Days			
Owned Vessels	12,262	12,114	1.2
Chartered-in Vessels	1,459	2,007	(27.3)
Total	13,721	14,121	(2.8)