The first edition of this highly anticipated new report from Infield Systems’ Global Perspectives series of publications is dedicated to the specialised heavy marine transport market associated with the offshore oil and gas industry. This ground breaking report provides an in depth analysis of global and regional trends and supply and demand dynamics for this sector for the period 2006 through to 2015. The report also highlights the different aspects of the heavy marine transport market and utilises Infield Systems’ Offshore Energy Database which breaks out each individual component of an offshore field development, including platforms, terminals and drilling rig projects. Combined with Infield Systems’ analytical expertise the report is a unique analysis of a fast growing sector of the offshore oil and gas industry.

This new Global Perspectives Market Report provides an overview and analysis of supply and demand dynamics behind the heavy marine transport market of the oil and gas industry. Within this report, Infield Systems assesses the modelled demand for heavy transport on a global basis to identify key regions, and gauges supply developments as the world’s economy slowly emerges from one of the worst downturns in history.

The dry transportation of offshore oil and gas production, drilling and terminal structures is a highly specialised activity with considerable inherent risk. These units are the largest physical entities regularly moved between nations and can be individually valued in excess of US$1 billion. The safe and effective transportation of these units has therefore developed into a niche sector of the shipping industry with a raft of specialist vessels.

On the supply side, a few major heavy transport vessel operators manage either custom built semi-submersible vessels or converted tankers. Concurrently, the lower segment of the supply side is characterised by ocean tugs, launch barge operators and heavy cargo ship shaped vessels. In this report, Infield Systems aims to mainly focus on the higher end of the market, as this is believed to be the most lucrative and attractive segment for vessel operators. Crane vessel operators are occasionally used to assist the transportation process, but not often. Oil and gas operators are progressively looking for alternative measures to transport and install their structures due to tight capacity and high cost for crane vessels. The success of recent floatover installations is gradually changing the picture as more and more oil and gas operators are considering heavy transport vessels as a valuable substitute for transport and installation contracts.

Major indicators in the macroeconomic environment surrounding the oil and gas industry and the recent surge of project tendering leads Infield Systems to believe that the heavy transport market has solid prospects ahead. If final investment decisions related to terminal projects materialise, most likely the current supply will struggle to meet the expected surge in future demand. This combined with the attrition of some assets will likely create a relatively undersupplied market at the midterm of the forecast period for the higher end of the supply segment (open stern semi-submersible vessels).

The ongoing race by IOCs and NOCs to address the current issue of shrinking reserves and declining production preview the range and breadth of future opportunities available for heavy transport vessel operators. On the other hand, Infield Systems believe that intense competition amongst the vessel operators will likely benefit to the demand side, potentially reflecting day rate fluctuations.

Dockwise is by far the largest vessel operator in the heavy marine transport market related to the oil and gas industry, and the Dutch entity will likely remain unchallenged over the next five years. Infield Systems anticipates seeing some good level of expansion in the market from current vessel operators such as Dockwise, NMA/ Coscol, and Fairstar bringing in new vessels falling within the higher end of the market.

Ultimately, Infield Systems forecast total demand to grow at a faster rate than supply (CAGR 5% vs. CAGR 4%). Vessel operators with the expertise and assets capable of accommodating the fast changing nature of the oil and gas industry will likely capitalise on this anticipated upturn in the heavy marine transport market.
Why You Should Buy This Report

• Executive Summary provides an overview of the Heavy Marine Transport market highlighting the main points of the report and identifying the most crucial trends arising from the offshore oil and gas market

• Global Market Context reviews the drivers behind the global offshore oil and gas business, including current oil market supply and demand fundamentals, oil price trends, and the growth of Asian energy consumption and its impact on the global oil market. It also provides a comprehensive analysis of the global market and policy impact of the Macondo MC252 oil spill in the Gulf of Mexico on the offshore oil and gas world

• General Trends & Analysis assesses the main drivers and issues within the scope of Heavy Marine Transport activities. From growing prospective activities such as floatover installations to security and environmental topics, the section aims to provide a comprehensive picture of current trends within this niche market of the oil and gas industry

• Regional Analysis & Forecasts section illustrates the potential demand of the Heavy Marine Transport market segment through modelled rig, platform and terminal module movements. The analysis is provided in vessel days for activities’ levels by regions, whilst capital expenditure is measured in US$ to depict regional market values

• Supply analyses trends and issues arising within the Heavy Marine Transport market segment and provides a thorough profiling of major players along with the Heavy Transport fleet analysis by type and capabilities. The balance between the supply and demand is also discussed to identify potential overcapacity or undersupply over the forecast period.

• Major Vessel Operator Profiles section focuses on vessel operators with the largest market share in terms of fleet size, project track record and presence in the offshore oil and gas industry. This segment analyses operational capabilities, financial health, expansion plans, recent key developments and outlook for each of these major vessel operators. A SWOT analysis for each of the major vessel operator analysed is also included in this section for comparison and appraisal purposes.

• Supply and Demand Trends matches the modelled heavy marine transport demand to the global supply in order to provide an outlook of potential shortage or/and pricing pressures to improve strategic decisions and project planning for readers.

• Heavy Transport Vessel List section includes the complete list of vessels with specifications of major vessel operators of the heavy marine transport, and ocean going tugs and barges operators making up the lower end of the market.

Global & Regional Perspectives Market Reports

Infield Systems publishes a range of market reports covering various aspects and regions of the oil, gas, renewable energy and associated marine industries. Utilising comprehensive in-house project databases, industry models and research capacity these reports are widely used by industry analysts and professionals:

- Deep & Ultra-deepwater
- Subsea
- Pipelines & Control Lines
- Fixed Platforms
- Floating Production
- Specialist Vessels
- FPSO
- Accommodation
- Subsea Well Intervention
- Heavy Lift
- Heavy Marine Transport
- Remotely Operated Vehicles
- Offshore LNG
- Arctic
- Asia
- Australasia
- Latin America
- Middle East & Caspian
EXECUTIVE SUMMARY AND CONCLUSIONS
GLOBAL MACRO OVERVIEW
- Executive Summary
- Leading Economic Indicators
  - A Robust Improvement in Overall Operating Conditions
  - Rising Hopes for Higher Consumer Spending Over 2011
- Global Oil Demand Outlook
  - Agencies Forecast Continued Rebound in Oil Demand
  - OECD Vs non-OECD
- Global Oil Supply Outlook
  - OPEC Stays the Course
- Oil Price And Volatility
  - Sustained Prices in the $90/bbl Range—but downside Risks Remain

GENERAL TRENDS AND ANALYSIS
- Introduction
- Market Drivers
  - Platform Installations
  - Rig Market Outlook
  - LNG/GTL Markets: Terminal Processing Modules
  - Floatover Installations (T&I): A Growing Segment
  - Shallow Water Development Outlook
  - Environmental and Health Issues: Ballast Water and Asbestos
  - Operational Concerns – Risk at Sea
  - Influence of Local Content and New Construction Areas
  - Decommissioning Market (Eventually)

REGIONAL ANALYSIS AND FORECASTS
- Introduction
- Africa
  - Overview
  - Platform Movement
  - Type Overview

SUPPLY ANALYSIS
- Introduction
- Supply Market Segments
- Heavy Transport Supply Level Analysis
- Major Vessel Operators
  - Dockwise
  - Offshore Heavy Transport AS
  - NMA/Coscol
  - Fairstar Heavy Transport
- Fleet Analysis
  - Expansion Analysis
  - STX Pan Ocean
  - Twin Marine Heavy Lift AS: Two Times The Charm?
- Supply And Demand Trends
- Ocean Towage And Barge Operator Overview
  - Comparative Analysis: Ocean Towage Tugs/Barge vs. Heavy Transport Fleet
  - Ocean Going Tug Vessel and Barge

HEAVY TRANSPORT VESSEL LIST
- Major Vessel Operator Fleet
- Ocean Going TUG / Barge Operator Fleet

GLOBAL HEAVY TRANSPORT VESSEL DAYS AND MARKET VALUE
- Platform Movement Global Vessel Days
- Terminal Module Movement Global Vessel Days
- Rig Movement
- Platform Movement Global Market Value
- Terminal Module Movement Global Market Value
- Rig Movement Global Market Value
- Global Heavy Transport Vessel Days
- Global Heavy Transport Capex

METODOLOGY AND ASSUMPTIONS
- Demand Methodology And Assumptions
  - Rig Demand Model Assumptions and Methodology
  - Platform Demand Model Assumptions and Methodology
  - Terminal Demand Model Assumptions and Methodology
- CAPITAL EXPENDITURE METHODOLOGY AND ASSUMPTIONS

APPENDIX AND NOTES
- Defined Regions/Countries List
- Glossary, Acronyms & Abbreviations
  - Glossary

REPORT CONTENTS LIST
Online Database
Specialist Vessels Database (SVD)
The Specialist Vessels Database (Standard) provides key information on over 2400 vessels employed within the offshore oil and gas industry. Developed as an information tool for Infield Systems' team of analysts, the Specialist Vessels Database has supported over 100 projects relating to the building, developing, financing or operation of specialist offshore vessels. This has included additions to the offshore fleet with a combined value of over US$10bn and relating to almost every new build pipelay, heavy lift, construction and accommodation vessel around the world.
The Specialist Vessels Database (Standard) provides project details on the current operational fleet as well as new build vessels being planned or considered for construction and launch over the coming years.
Purchasers of the Global Perspectives Heavy Marine Transport Report receive a single site three user licence complimentary year’s subscription to the Specialist Vessels Database (Standard).
The major vessel types which are active in the oil and gas industry that are included in the Specialist Vessels Database are:
- Pipe/Cable Lay
- Burial/Trenching
- Heavy Lift
- Heavy Transport
- Multi-Service
- Well Intervention
- Construction
- Accommodation
- Installation
- Dive Support
- High End Anchor Handlers

About This Report
Number of Pages: 208
Number of Figures: 128
Number of Tables: 164
About Infield Systems

Infield Systems is an independent energy research and analysis firm that is dedicated to the provision of accurate and up-to-date data, market reports, mapping, analysis and forecasts for the offshore oil and gas and associated marine industries. Infield Systems also prepares market due diligence on mergers, acquisitions and transactions for clients in the energy industry. Infield Systems services clients in over 40 countries, including E&P companies, contractors, manufacturers, government agencies and financial institutions, and is widely acknowledged as the definitive independent source for information, research and analysis on the offshore energy sector.

Infield Systems’ team of experienced analysts and researchers have developed a range of products and services designed to assist senior executives making informed business decisions. Infield Systems operates with the highest standards of accuracy, clarity and professionalism to gain results, whether it is supplying or managing raw data for internal company use or providing high-level strategic views on global market developments.

All of Infield Systems products and services are supported by direct access to senior analysts and support personnel, ensuring high standards of service and responsiveness across the globe.

Infield Systems range of in-house skills include all the major industry disciplines from geology, finance and law through to senior operational management, allowing for the provision of data, information and reports that are realistic, accurate and insightful. Infield’s reports and services are used to support business decisions at a senior level and as such are presented with a clarity and conciseness that has brought international acclaim.

Order Form

To order The Global Perspective Heavy Marine Transport Market Report to 2015, please complete the order form below or buy online at www.infield.com.

For reports supplied electronically, the PDF file is restricted to a single user at a single site with a single print to hard copy. Additional single user copies may be purchased for use within a single organisation. A corporate licence provides two printed copies of the report and an open PDF for use within your organisation.

The Specialist Vessels Database (Standard) online access may be upgraded to either the Professional edition or to include the Specialist Vessels Contracts Database. Purchasers of the Heavy Marine Transport Market Report can also purchase the Specialist Vessels Market Report at a preferential rate. Costs are set out below.

All prices are shown below are exclusive of VAT which will be charged at the prevailing rate where applicable.

Infield Systems uses the File Open system to control the distribution and copyright of their reports and you must be able to install the File Open plug-in which is available from http://plugin.fileopen.com in order to open and print the report PDFs.

Infield Systems accepts payment by bank transfer, credit card (Visa, MasterCard or American Express) or by cheque. Delivery is upon receipt of payment. For credit card purchases please supply the card’s billing address along with the billing Post Code/Zip Code and the four digit security code on the front of American Express cards, or the three digit code on the reverse of MasterCard and Visa cards. All European Union companies must supply their EU VAT number.

By purchasing this document, your organisation agrees to Infield Systems Limited’s Standard Terms and Conditions of Business and your organisation will not copy or allow to be copied in part or whole or otherwise circulated in any form any of the contents without prior written and specific permission from Infield Systems Limited. Infield Systems’ Standard Terms and Conditions of Business are available either upon request or at www.infield.com.

Please supply the Global Perspective Heavy Marine Transport Market Report to 2015 (Printed)

Please supply the Global Perspectives Heavy Marine Transport Market Report to 2015 (single user electronic PDF)

Upgrade access to include the Specialist Vessels Market Report (printed or single user electronic PDF) (List price £2,200)

Company Details

Name: 
Company Name: 
Email: 
Delivery Address: 
Phone: 
Fax: 
EU Vat Number: 

Payment Details

Card Type: Master / Visa /American Express
Card Number: 
Expiry Date: 
Security Code: 
Billing Address: 
Signature: 

Delivery by courier of hard copy reports costs from £12 in the UK and £65 for the rest of the world. I have read and fully understand the Infield Systems Limited Standard Terms and Conditions of Business located at www.infield.com

Infield Systems Limited | Suite 502, 1 Alie Street, London E1 8DE. UK
T: +44 20 7423 5000 | F: +44 20 7423 5050 | E: data@infield.com | W: www.infield.com

01/07/2011
# CONTENTS LIST

1 EXECUTIVE SUMMARY AND CONCLUSIONS ................................................................................................................................................................................................................. 29

2 GLOBAL MACRO OVERVIEW ......................................................................................................................................................................................................... 37

   2.1 EXECUTIVE SUMMARY ......................................................................................................................................................................................................... 37

   2.2 LEADING ECONOMIC INDICATORS .................................................................................................................................................................................. 38

      2.2.1 A Robust Improvement in Overall Operating Conditions ............................................................................................................................................................. 38

      2.2.2 Rising Hopes for Higher Consumer Spending Over 2011 .................................................................................................................................................................. 39

   2.3 GLOBAL OIL DEMAND OUTLOOK ............................................................................................................................................................................. 40

      2.3.1 Agencies Forecast Continued Rebound in Oil Demand .................................................................................................................................................. 40

      2.3.2 OECD Vs non-OECD ......................................................................................................................................................................................................... 41

   2.4 GLOBAL OIL SUPPLY OUTLOOK ......................................................................................................................................................................... 42

      2.4.1 OPEC Stays the Course ......................................................................................................................................................................................................... 42

   2.5 OIL PRICE AND VOLATILITY ....................................................................................................................................................................... 43

      2.5.1 Sustained Prices in the $90/bbl Range—but downside Risks Remain .................................................................................................................. 44

3 GENERAL TRENDS AND ANALYSIS ............................................................................................................................................................................... 47

   3.1 INTRODUCTION ......................................................................................................................................................................................................... 47

   3.2 MARKET DRIVERS ......................................................................................................................................................................................................... 48

      3.2.1 Platform Installations ......................................................................................................................................................................................................... 48

      3.2.2 Rig Market Outlook ......................................................................................................................................................................................................... 49

      3.2.3 LNG/GTL Markets: Terminal Processing Modules .................................................................................................................................................. 49

      3.2.4 Floatover Installations (T&I): A Growing Segment .................................................................................................................................................. 50

      3.2.5 Shallow Water Development Outlook .................................................................................................................................................................. 50

      3.2.6 Environmental and Health Issues: Ballast Water and Asbestos .................................................................................................................................................................. 51

      3.2.7 Operational Concerns – Risk at Sea ............................................................................................................................................................................. 52

      3.2.8 Influence of Local Content and New Construction Areas .................................................................................................................................................................. 52

      3.2.9 Decommissioning Market (Eventually) .................................................................................................................................................................. 53

4 REGIONAL ANALYSIS AND FORECASTS ............................................................................................................................................................................. 61

   4.1 INTRODUCTION ......................................................................................................................................................................................................... 61

   4.2 AFRICA ......................................................................................................................................................................................................... 62

      4.2.1 Overview ......................................................................................................................................................................................................... 62

      4.2.2 Platform Movement ......................................................................................................................................................................................................... 63

      4.2.3 Type Overview ......................................................................................................................................................................................................... 63

      4.2.4 Country Overview ......................................................................................................................................................................................................... 64

      4.2.5 Operator Overview ......................................................................................................................................................................................................... 65

      4.2.6 Terminal Module Movement by Country .................................................................................................................................................................. 66

      4.2.7 Country Overview ......................................................................................................................................................................................................... 67

      4.2.8 Operator Overview ......................................................................................................................................................................................................... 68

   4.3 ASIA ......................................................................................................................................................................................................... 72

      4.3.1 Overview ......................................................................................................................................................................................................... 72

      4.3.2 Platform Movement ......................................................................................................................................................................................................... 72

      4.3.3 Type Overview ......................................................................................................................................................................................................... 73

      4.3.4 Country Overview ......................................................................................................................................................................................................... 74

      4.3.5 Operator Overview ......................................................................................................................................................................................................... 75

      4.3.6 Terminal Module Movement by Country .................................................................................................................................................................. 76

      4.3.7 Country Overview ......................................................................................................................................................................................................... 77

      4.3.8 Operator Overview ......................................................................................................................................................................................................... 78

5 EXECUTIVE SUMMARY AND CONCLUSIONS ............................................................................................................................................................................. 29

6 REGIONAL ANALYSIS AND FORECASTS ............................................................................................................................................................................. 61

   6.1 EXECUTIVE SUMMARY ......................................................................................................................................................................................................... 61

   6.2 AFRICA ......................................................................................................................................................................................................... 62

      6.2.1 Overview ......................................................................................................................................................................................................... 62

      6.2.2 Platform Movement ......................................................................................................................................................................................................... 63

      6.2.3 Type Overview ......................................................................................................................................................................................................... 63

      6.2.4 Country Overview ......................................................................................................................................................................................................... 64

      6.2.5 Operator Overview ......................................................................................................................................................................................................... 65

      6.2.6 Terminal Module Movement by Country .................................................................................................................................................................. 66

      6.2.7 Country Overview ......................................................................................................................................................................................................... 67

      6.2.8 Operator Overview ......................................................................................................................................................................................................... 68

   6.3 ASIA ......................................................................................................................................................................................................... 72

      6.3.1 Overview ......................................................................................................................................................................................................... 72

      6.3.2 Platform Movement ......................................................................................................................................................................................................... 73

      6.3.3 Type Overview ......................................................................................................................................................................................................... 73

      6.3.4 Country Overview ......................................................................................................................................................................................................... 74

      6.3.5 Operator Overview ......................................................................................................................................................................................................... 75

      6.3.6 Terminal Module Movement by Country .................................................................................................................................................................. 76

      6.3.7 Country Overview ......................................................................................................................................................................................................... 77

      6.3.8 Operator Overview ......................................................................................................................................................................................................... 78

7 EXECUTIVE SUMMARY AND CONCLUSIONS ............................................................................................................................................................................. 29

8 REGIONAL ANALYSIS AND FORECASTS ............................................................................................................................................................................. 61

   8.1 EXECUTIVE SUMMARY ......................................................................................................................................................................................................... 61

   8.2 AFRICA ......................................................................................................................................................................................................... 62

      8.2.1 Overview ......................................................................................................................................................................................................... 62

      8.2.2 Platform Movement ......................................................................................................................................................................................................... 63

      8.2.3 Type Overview ......................................................................................................................................................................................................... 63

      8.2.4 Country Overview ......................................................................................................................................................................................................... 64

      8.2.5 Operator Overview ......................................................................................................................................................................................................... 65

      8.2.6 Terminal Module Movement by Country .................................................................................................................................................................. 66

      8.2.7 Country Overview ......................................................................................................................................................................................................... 67

      8.2.8 Operator Overview ......................................................................................................................................................................................................... 68

   8.3 ASIA ......................................................................................................................................................................................................... 72

      8.3.1 Overview ......................................................................................................................................................................................................... 72

      8.3.2 Platform Movement ......................................................................................................................................................................................................... 73

      8.3.3 Type Overview ......................................................................................................................................................................................................... 73

      8.3.4 Country Overview ......................................................................................................................................................................................................... 74

      8.3.5 Operator Overview ......................................................................................................................................................................................................... 75

      8.3.6 Terminal Module Movement by Country .................................................................................................................................................................. 76

      8.3.7 Country Overview ......................................................................................................................................................................................................... 77

      8.3.8 Operator Overview ......................................................................................................................................................................................................... 78
<table>
<thead>
<tr>
<th>Section</th>
<th>Subsection</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.3.1</td>
<td>Overview</td>
<td>75</td>
</tr>
<tr>
<td>4.3.2</td>
<td>Platform Movement by Country</td>
<td>75</td>
</tr>
<tr>
<td>4.3.3</td>
<td>Type Overview</td>
<td>77</td>
</tr>
<tr>
<td>4.3.4</td>
<td>Country Overview</td>
<td>78</td>
</tr>
<tr>
<td>4.3.5</td>
<td>Operator Overview</td>
<td>80</td>
</tr>
<tr>
<td>4.3.6</td>
<td>Terminal Module Movement</td>
<td>83</td>
</tr>
<tr>
<td>4.3.7</td>
<td>Country Overview</td>
<td>84</td>
</tr>
<tr>
<td>4.3.8</td>
<td>Operator Overview</td>
<td>87</td>
</tr>
<tr>
<td>4.4</td>
<td>AUSTRALASIA</td>
<td>92</td>
</tr>
<tr>
<td>4.4.1</td>
<td>Overview</td>
<td>92</td>
</tr>
<tr>
<td>4.4.2</td>
<td>Platform Movement</td>
<td>93</td>
</tr>
<tr>
<td>4.4.3</td>
<td>Type Overview</td>
<td>94</td>
</tr>
<tr>
<td>4.4.4</td>
<td>Country Overview</td>
<td>95</td>
</tr>
<tr>
<td>4.4.5</td>
<td>Operator Overview</td>
<td>96</td>
</tr>
<tr>
<td>4.4.6</td>
<td>Terminal Movement</td>
<td>98</td>
</tr>
<tr>
<td>4.4.7</td>
<td>Country Overview</td>
<td>99</td>
</tr>
<tr>
<td>4.4.8</td>
<td>Operator Overview</td>
<td>100</td>
</tr>
<tr>
<td>4.5</td>
<td>EUROPE</td>
<td>104</td>
</tr>
<tr>
<td>4.5.1</td>
<td>Overview</td>
<td>104</td>
</tr>
<tr>
<td>4.5.2</td>
<td>Platform Movement</td>
<td>104</td>
</tr>
<tr>
<td>4.5.3</td>
<td>Type Overview</td>
<td>105</td>
</tr>
<tr>
<td>4.5.4</td>
<td>Country Overview</td>
<td>107</td>
</tr>
<tr>
<td>4.5.5</td>
<td>Operator Overview</td>
<td>109</td>
</tr>
<tr>
<td>4.5.6</td>
<td>Terminal Movement</td>
<td>112</td>
</tr>
<tr>
<td>4.5.7</td>
<td>Country Overview</td>
<td>112</td>
</tr>
<tr>
<td>4.5.8</td>
<td>Operator Overview</td>
<td>115</td>
</tr>
<tr>
<td>4.6</td>
<td>LATIN AMERICA</td>
<td>121</td>
</tr>
<tr>
<td>4.6.1</td>
<td>Overview</td>
<td>121</td>
</tr>
<tr>
<td>4.6.2</td>
<td>Platform Movement</td>
<td>121</td>
</tr>
<tr>
<td>4.6.3</td>
<td>Type Overview</td>
<td>122</td>
</tr>
<tr>
<td>4.6.4</td>
<td>Country Overview</td>
<td>123</td>
</tr>
<tr>
<td>4.6.5</td>
<td>Operator Overview</td>
<td>125</td>
</tr>
<tr>
<td>4.6.6</td>
<td>Terminal Module Movement</td>
<td>127</td>
</tr>
<tr>
<td>4.6.7</td>
<td>Country Overview</td>
<td>128</td>
</tr>
<tr>
<td>4.6.8</td>
<td>Operator Overview</td>
<td>131</td>
</tr>
<tr>
<td>4.7</td>
<td>MIDDLE EAST AND CASPIAN SEA</td>
<td>134</td>
</tr>
<tr>
<td>4.7.1</td>
<td>Overview</td>
<td>134</td>
</tr>
<tr>
<td>4.7.2</td>
<td>Platform Movement</td>
<td>134</td>
</tr>
<tr>
<td>4.7.3</td>
<td>Type Overview</td>
<td>135</td>
</tr>
<tr>
<td>4.7.4</td>
<td>Country Overview</td>
<td>135</td>
</tr>
<tr>
<td>4.7.5</td>
<td>Operator Overview</td>
<td>136</td>
</tr>
<tr>
<td>4.7.6</td>
<td>Terminal Module Movement</td>
<td>138</td>
</tr>
<tr>
<td>4.7.7</td>
<td>Country Overview</td>
<td>139</td>
</tr>
<tr>
<td>4.7.8</td>
<td>Operator Overview</td>
<td>141</td>
</tr>
</tbody>
</table>
LIST OF FIGURES

Figure 1-1: Heavy Transport Market Base ................................................................. 29
Figure 1-2: Heavy Transport Vessel days (%) by Region 2006-2010 .......................... 31
Figure 1-3: Heavy Transport Vessel days (%) by Region 2011-2015 .......................... 31
Figure 1-4: Heavy Transport (%) by Market Segment 2006-2010 .......................... 32
Figure 1-5: Heavy Transport (%) by Market Segment 2011-2015 .......................... 33
Figure 1-6: Heavy Transport Operator (%) Market Share 2006-2015 ......................... 33
Figure 1-7: Heavy Transport (US$m) by Market Segment 2006-2015 ......................... 34
Figure 1-8: Supply Market Share (%) 2006-2010 ..................................................... 34
Figure 1-9: Vessel Operator Market Share (%) 2006-2010 ......................................... 35
Figure 1-10: Vessel Operator Market Share (%) 2011-2015 ....................................... 35
Figure 1-11: Heavy Transport Supply (Vessel days) 2006-2015 .................................. 36
Figure 1-1: Global Manufacturing PMI .................................................................. 37
Figure 2-2: Global Consumer Confidence Index .................................................... 37
Figure 2-3: US PMI ............................................................................................... 39
Figure 2-4: China PMI .......................................................................................... 39
Figure 2-5: Eurozone PMI ..................................................................................... 39
Figure 2-6: India PMI ............................................................................................ 39
Figure 2-7: Global Consumer Confidence .............................................................. 40
Figure 2-8: EU Consumer Confidence .................................................................... 40
Figure 2-9: US Consumer Confidence .................................................................... 41
Figure 2-10: Japan Consumer Confidence ................................................................ 41
Figure 2-11: Global Oil Demand Estimates 2008-2011 ............................................ 42
Figure 2-12: Global Oil demand Changes by Region 2009-2011 ............................ 43
Figure 2-13: OPEC Spare Capacity 2006-2010 ...................................................... 44
Figure 2-14: The 'Long Run Trend' 2002-2011 ......................................................... 45
Figure 2-15: Oil Price Volatility Forecasts .............................................................. 45
Figure 3-1: Platform Installation by Regions 2006-2015 .......................................... 48
Figure 3-2: Platform Installations by Platform Type (%) 2011-2015 ......................... 49
Figure 3-3: Rig Construction by Year of Delivery Vs Oil Price (2009 Adjusted) (ISL RigGateway) .......................................................... 50
Figure 3-4: GTL Structures by Region (%) 2011-2015 ............................................. 52
Figure 3-5: Regional Floatover Installation Market Share (%) 2011-2015 .................. 53
Figure 3-6: Heavy Transport Vessel days by Water Depth 2006-20015 ................. 54
Figure 3-7: Global Capex by Water Depth (%) 2011-2015 ....................................... 55
Figure 4-1: Graphical Illustration of Defined Regions .......................................... 61
Figure 4-2: Africa - Regional Graphic ..................................................................... 62
Figure 4-3: Platform Movement (%) by Country 2006-2015 ................................. 63
Figure 4-4: Platform Movement (%) by Type 2006-2015 ........................................ 63
Figure 4-5: Platform Movement (US$m) by Type 2006-2015 ................................. 63
Figure 4-6: Platform Movement (%) by Country 2006-2010 .................................. 65
Figure 4-7: Platform Movement (%) by Country 2011-2015 ................................. 65
LIST OF TABLES

Table 1-1: Heavy Transport Vessel days by Region 2006-2010 ................................................................. 31
Table 1-2: Heavy Transport Vessel days by Region 2011-2015 ................................................................. 31
Table 1-3: Heavy Transport Capex (US$m) by Market Segment 2006-2010 ............................................. 34
Table 1-4: Heavy Transport Capex (US$m) by Market Segment 2011-2015 ........................................... 34
Table 1-5: Major Vessel Operator Vessel days 2006-2010 ...................................................................... 35
Table 1-6: Major Vessel Operator Vessel days 2011-2015 ...................................................................... 35
Table 4-1: Platform Movement (US$m) by Type 2006-2010 ................................................................. 63
Table 4-2: Platform Movement (US$m) by Type 2011-2015 ................................................................. 64
Table 4-3: Platform Movement (Vessel days) by Country 2006-2010 ..................................................... 64
Table 4-4: Platform Movement (Vessel days) by Country 2011-2015 ..................................................... 65
Table 4-5: Platform Movement (US$m) by Country 2006-2010 ............................................................. 65
Table 4-6: Platform Movement (US$m) by Country 2011-2015 ............................................................. 66
Table 4-7: Platform Movement (Vessel days) by Operator 2006-2010 .................................................. 67
Table 4-8: Platform Movement (Vessel days) by Operator 2011-2015 .................................................. 67
Table 4-9: Platform Movement (US$m) by Operator 2006-2010 ........................................................... 68
Table 4-10: Platform Movement (US$m) by Operator 2011-2015 ......................................................... 68
Table 4-11: Terminal Module Movement (Vessel days) by Country 2006-2010 ........................................ 70
Table 4-12: Terminal Module Movement (Vessel days) by Country 2011-2015 ........................................ 70
Table 4-13: Terminal Module Movement (US$m) by Country 2006-2010 ............................................... 71
Table 4-14: Terminal Module Movement (US$m) by Country 2006-2010 ............................................... 71
Table 4-15: Terminal Module Movement (vessel days) by Operator 2006-2010 ....................................... 72
Table 4-16: Terminal Module Movement (vessel days) by Operator 2011-2015 ....................................... 72
Table 4-17: Terminal Module Movement (US$m) by Operator 2006-2010 ............................................... 73
Table 4-18: Terminal Module Movement (US$m) by Operator 2011-2015 ............................................. 74
Table 4-19: Platform Movement (US$m) by Type 2006-2010 ............................................................... 77
Table 4-20: Platform Movement (US$m) by Type 2011-2015 ............................................................... 78
Table 4-21: Platform Movement (Vessel days) by Country 2006-2010 .................................................. 78
Table 4-22: Platform Movement (Vessel days) by Country 2011-2015 .................................................. 78
Table 4-23: Platform Movement (US$m) by Country 2006-2010 ......................................................... 79
Table 4-24: Platform Movement (US$m) by Country 2011-2015 ......................................................... 79
Table 4-25: Platform Movement (vessel days) by operator 2006-2010 .................................................. 80
Table 4-26: Platform Movement (vessel days) by operator 2011-2015 .................................................. 81
Table 4-27: Platform Movement (US$m) by Operator 2006-2010 ....................................................... 82
Table 4-28: Platform Movement (US$m) by Operator 2011-2015 ....................................................... 82
Table 4-29: Terminal Module Movement (vessel days) by Country 2006-2010 ....................................... 84
Table 4-30: Terminal Module Movement (vessel days) by Country 2011-2015 ....................................... 85
Table 4-31: Terminal Module Movement (US$m) by Country 2006-2010 .............................................. 86
Table 4-32: Terminal Module Movement (US$m) by Country 2011-2015 .............................................. 86
Table 4-33: Terminal Module Movement (vessel days) by Operator 2006-2010 ...................................... 87
Table 4-34: Terminal Module Movement (vessel days) by Operator 2006-2010 cont’d............................... 88
Table 4-35: Terminal Module Movement (vessel days) by Operator 2011-2015 ....................................... 88
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-36</td>
<td>Terminal Module Movement (vessel days) by Operator 2011-2015 cont’d</td>
<td>89</td>
</tr>
<tr>
<td>4-37</td>
<td>Terminal Module Movement (US$m) by Operator 2006-2010</td>
<td>90</td>
</tr>
<tr>
<td>4-38</td>
<td>Terminal Module Movement (US$m) by Operator 2006-2010 cont’d</td>
<td>90</td>
</tr>
<tr>
<td>4-39</td>
<td>Terminal Module Movement (US$m) by Operator 2011-2015</td>
<td>91</td>
</tr>
<tr>
<td>4-40</td>
<td>Terminal Module Movement (US$m) by Operator 2011-2015 cont’d</td>
<td>91</td>
</tr>
<tr>
<td>4-41</td>
<td>Platform Movement (US$m) by Type 2006-2010</td>
<td>94</td>
</tr>
<tr>
<td>4-42</td>
<td>Platform Movement (US$m) by Type 2011-2015</td>
<td>95</td>
</tr>
<tr>
<td>4-43</td>
<td>Platform Movement (vessel days) by Country 2006-2010</td>
<td>95</td>
</tr>
<tr>
<td>4-44</td>
<td>Platform Movement (vessel days) by Country 2011-2015</td>
<td>95</td>
</tr>
<tr>
<td>4-45</td>
<td>Platform Movement (US$m) by Country 2006-2010</td>
<td>96</td>
</tr>
<tr>
<td>4-46</td>
<td>Platform Movement (US$m) by Country 2011-2015</td>
<td>96</td>
</tr>
<tr>
<td>4-47</td>
<td>Platform Movement (vessel days) by Operator 2006-2010</td>
<td>96</td>
</tr>
<tr>
<td>4-48</td>
<td>Platform Movement (vessel days) by Operator 2011-2015</td>
<td>96</td>
</tr>
<tr>
<td>4-49</td>
<td>Platform Movement (US$m) by Operator 2006-2010</td>
<td>97</td>
</tr>
<tr>
<td>4-50</td>
<td>Platform Movement (US$m) by Operator 2011-2015</td>
<td>97</td>
</tr>
<tr>
<td>4-51</td>
<td>Terminal Module Movement (vessel days) by Country 2006-2010</td>
<td>99</td>
</tr>
<tr>
<td>4-52</td>
<td>Terminal Module Movement (vessel days) by Country 2006-2010</td>
<td>99</td>
</tr>
<tr>
<td>4-53</td>
<td>Terminal Module Movement (US$m) by Country 2006-2010</td>
<td>100</td>
</tr>
<tr>
<td>4-54</td>
<td>Terminal Module Movement (US$m) by Country 2011-2015</td>
<td>100</td>
</tr>
<tr>
<td>4-55</td>
<td>Terminal Module Movement (vessel days) by Operator 2006-2015</td>
<td>100</td>
</tr>
<tr>
<td>4-56</td>
<td>Terminal Module Movement (vessel days) by Operator 2006-2015</td>
<td>101</td>
</tr>
<tr>
<td>4-57</td>
<td>Terminal Module Movement (US$m) by Operator 2006-2010</td>
<td>102</td>
</tr>
<tr>
<td>4-58</td>
<td>Terminal Module Movement (US$m) by Operator 2011-2015</td>
<td>102</td>
</tr>
<tr>
<td>4-59</td>
<td>Platform Movement (US$m) by Type 2006-2010</td>
<td>105</td>
</tr>
<tr>
<td>4-60</td>
<td>Platform Movement (US$m) by Type 2006-2015</td>
<td>106</td>
</tr>
<tr>
<td>4-61</td>
<td>Platform Movement (vessel days) by Country 2006-2010</td>
<td>107</td>
</tr>
<tr>
<td>4-62</td>
<td>Platform Movement (vessel days) by Country 2011-2015</td>
<td>107</td>
</tr>
<tr>
<td>4-63</td>
<td>Platform Movement (US$m) by Country 2006-2010</td>
<td>108</td>
</tr>
<tr>
<td>4-64</td>
<td>Platform Movement (US$m) by Country 2011-2015</td>
<td>108</td>
</tr>
<tr>
<td>4-65</td>
<td>Platform Movement (vessel days) by Operator 2006-2010</td>
<td>109</td>
</tr>
<tr>
<td>4-66</td>
<td>Platform Movement (vessel days) by Operator 2011-2015</td>
<td>109</td>
</tr>
<tr>
<td>4-67</td>
<td>Platform Movement (US$m) by Operator 2006-2010</td>
<td>110</td>
</tr>
<tr>
<td>4-68</td>
<td>Platform Movement (US$m) by Operator 2011-2015</td>
<td>111</td>
</tr>
<tr>
<td>4-69</td>
<td>Terminal Module Movement (vessel days) by Country 2006-2010</td>
<td>112</td>
</tr>
<tr>
<td>4-70</td>
<td>Terminal Module Movement (vessel days) by Country 2006-2010</td>
<td>113</td>
</tr>
<tr>
<td>4-71</td>
<td>Terminal Module Movement (US$m) by Country 2006-2010</td>
<td>114</td>
</tr>
<tr>
<td>4-72</td>
<td>Terminal Module Movement (US$m) by Country 2011-2015</td>
<td>114</td>
</tr>
<tr>
<td>4-73</td>
<td>Terminal Module Movement (vessel days) by Operator 2006-2010</td>
<td>115</td>
</tr>
<tr>
<td>4-74</td>
<td>Terminal Module Movement (vessel days) by Operator 2006-2010 cont’d</td>
<td>116</td>
</tr>
<tr>
<td>4-75</td>
<td>Terminal Module Movement (vessel days) by Operator 2011-2015</td>
<td>116</td>
</tr>
<tr>
<td>4-76</td>
<td>Terminal Module Movement (vessel days) by Operator 2011-2015</td>
<td>117</td>
</tr>
<tr>
<td>4-77</td>
<td>Terminal Module Movement (US$m) by Operator 2006-2010</td>
<td>118</td>
</tr>
<tr>
<td>4-78</td>
<td>Terminal Module Movement (US$m) by Operator 2006-2010 cont’d</td>
<td>118</td>
</tr>
<tr>
<td>4-79</td>
<td>Terminal Module Movement (US$m) by Operator 2011-2015</td>
<td>119</td>
</tr>
</tbody>
</table>