

# Global and China Offshore Rig Industry Report, 2011

<https://marketpublishers.com/r/G226416B9F2EN.html>

Date: December 2011

Pages: 154

Price: US\$ 2,400.00 (Single User License)

ID: G226416B9F2EN

## Abstracts

Offshore rig can be divided into 8 categories, i.e., drill barge, drillship, inland barge, jack-up, platform rig, semisub, submersible and tender. As of Dec.15, 2011, there had been 48 drill barges, 73 drillships, 74 inland barges, 491 jack-ups, 250 platform rigs, 210 semisubs, 5 submersibles and 40 tenders.

Drillship, jack-up and semisub are the most common. As of Dec.15, 2011, there had been 54 drillships under construction, with the unit price of USD550 million - 650 million; 67 jack-ups under construction, with the unit price of USD140 million -230 million; 16 semisubs under construction, with a large price range. The rigs in harsh waters (such as South China Sea, Gulf of Mexico, North Sea) are expensive, for instance, China's ""Offshore Oil 981"" costs USD950 million; while a rig working in peaceful waters (such as the waters in West Africa) just values USD150 million.

Undoubtedly, drillships take a lion's share, 55%, in the offshore rig market. Drillships are mainly used in the waters with the depth of more than 3,000 feet. Currently, most of the drillships under construction have the rated water depth of 10,000-12,000 feet, and their maximum drilling depth is generally 35,000-40,000 feet. The drillship Sedco No.445 designed by Earl & Wright in 1971, built by Japan's Mitsui and managed by Sedco is the world's first drillship, with the largest rated water depth of 7,200 feet. As yet, the drillship is still at work, but it is rendered to detect seabed mineral resources, rather than drilling.

Most of drillships before 2000 were built when the oil crisis occurred. At present, only about 20 drillships of them are still working, most of which were built by Japanese and European manufacturers. After 2000, the human being endeavors to explore oil and gas resources in deep waters, which generates soaring demand for drillships. South Korean builders almost monopolize the market; Samsung Heavy Industries is building 20 drillships, DSME 10 units and Hyundai Heavy Industries 11 units. Brazil's EAS is

building 7 drillships. EAS is a joint venture co-funded by Samsung Heavy Industries, Queiroz Galvao and Camargo Correa. Dalian Subsidiary of South Korea's STX is building 2 drillships now.

The drillship built by COSCO Shipyard for Dalian Deepwater Developer is China's first drillship, with the maximum drilling depth of 30,000 feet. CSSC's Shanghai Shipyard is building 2 drillships now, with the designed rated water depth of merely 3,000 feet.

The operation of drilling rigs is risky. The Gulf of Mexico oil spill made BP have to pay tens of billions of dollars. For the operation of drilling rigs, the requirements on operators are very high; particularly in harsh seas and deep waters, and the requirements on the qualification of the staff are strict. This is why most of drilling rigs are not operated by oil giants, but by veteran operators. High risks and threshold bring high returns. The operating margin of drilling rig operators is almost never less than 30%, even 40% or more is common. These operators do not care about the short-term ups and downs of oil prices, and they are making long-term (5-10 years) plans. Even in the economic downturn, they dare to conduct large-scale investment.

## Contents

### **1. OVERVIEW OF MARINE (OFFSHORE) ENGINEERING**

- 1.1 Oil Rig
- 1.2 Production Platform
- 1.3 Offshore Support Vessel
- 1.4 Deep-water Oil Exploration
- 1.5 Global Offshore Oil & Gas Industry Investment

### **2. RIG MARKET AND INDUSTRY**

- 2.1 Global Rig Market
- 2.2 Jack-up Market
- 2.3 Jack-up Projects, 2000-2014 (Covering Operator, Rig Name, Design, Builder, Water Depth, Drilling Depth)
- 2.4 Semi-submersible Rig Industry
- 2.5 A Glance at Semi-submersible Rig Projects Worldwide, 2000-2014 (Covering Operator, Rig Name, Design, Builder, Water Depth, Drilling Depth)
- 2.6 Analysis on Drillship Industry
  - 2.6.1 Profile of Drillship
  - 2.6.2 Design of Compact Drillship
  - 2.6.3 Design of Dual Multi-purpose Tower
  - 2.6.4 Storage System for Drill Pipe & Casting
  - 2.6.5 Riser Handling System & Heave Compensation
  - 2.6.6 Traditional Drillship vs. Compact Drillship
  - 2.6.7 Market Shares of Drillship Builders
- 2.7 Drillship Projects Worldwide, 1971-2018 (Covering Operator, Rig Name, Design, Builder, Water Depth, Drilling Depth) 1971-2018 Global Drillship Survey (Including Operator, Rig Name, Design, Builder, Water Depth, Drilling Depth)

### **3. RIG OPERATORS**

- 3.1 Rig Utilization and Number Units by Region
- 3.2 Jackup Rig
- 3.3 Semi-submersible Rig
- 3.4 Drillship
- 3.5 Rig Operators
- 3.6 China Oilfield Services

- 3.7 TRANSCOCEAN
- 3.8 ENSCO
- 3.9 NOBLE
- 3.10 SEADRILL
- 3.11 DIAMOND OFFSHORE
- 3.12 ROWAN
- 3.13 SAIPEM
- 3.14 MAERSK DRILLING
- 3.15 ATWOOD OCEANICS
- 3.16 PETROBRAS

#### **4. RIG BUILDERS**

- 4.1 Samsung Heavy Industries
- 4.2 Hyundai Heavy Industries
- 4.3 STX
  - 4.3.1 STX Dalian
  - 4.3.2 STX Marine Engineering
- 4.4 CIMC Yantai Raffles
- 4.5 DSME
- 4.6 Dalian Shipbuilding Heavy Industry Group Offshore Engineering
- 4.7 KEPPEL
- 4.8 SEMBCORP
  - 4.8.1 Shenzhen Chiwan Sembawang Engineering
- 4.9 LAMPRELL
- 4.10 COSCO Shipyard
- 4.11 Shanghai Shipyard

## Selected Charts

### SELECTED CHARTS

Global Oil Supply Sources, 1930-2030  
Global Offshore Deepwater and Shallow Water Oil Supply, 2000-2030  
Global Investment in Deepwater Area, 2006-2015  
Global Deepwater Oilfield Development Zones  
Number of Global Ultra-Deepwater Oil Rigs, 2000-2014  
Global Energy Supply by Type, 2010  
Global Oil Prices and Number of Offshore Oil Development Projects, 1960-2020  
Global Oilfield Output by Region, 1980-2020  
Global Oil Rig Market by Type and Country, 2011  
Global Oil Rigs in Operation and under Construction by Type, Dec. 16, 2011  
Global Jack-up Orders by Manufacturer, 2010-Nov. 2011  
Global Fulfilled Volume of Jack-ups, 2010-2014  
Global Jack-ups by Water Depth, 2010-Nov. 2011  
Global Jack-up Market Breakdown by Design Companies, 2010-Nov. 2011  
Global Semi-submersibles by Manufacturer, 2000-2014  
Global Fulfilled Volume of Semi-submersibles, 2000-2014  
Global Semi-submersibles by Design Manufacturer, 2000-2014  
Constitution of Drillship  
Topside of Drillship  
Subsea Part of Drillship  
Drilling Machinery of Drillship  
Handling Principle of DMPT  
Market Share of Global Major Drillship Manufacturers  
Delivered Number of Global Drillship Market, 1971-2018  
Market Shares of Major Drillship Builders Worldwide, 2000-2018  
Drillship Deliveries Worldwide, 1971-2018  
Global Drillships by Operator, 1971-2018  
Global Drillship Market Breakdown by Operators  
Global Oil Rigs by Region  
Global Oil Rig Utilization by Type, Dec. 16, 2010-Dec. 16, 2011  
Number of New Jack-ups, 1958-2014  
Global Jack-ups Utilization by Region, Dec. 2011  
Global Jack-ups under Construction by Operator, Dec. 2011  
Global Semi-submersibles by Operator, Dec. 2011  
Global Semi-submersibles under Construction by Operator, Dec. 2011

Global Drillships by Operator, Dec. 2011  
Global Drillships under Construction by Operator, Dec. 2011  
Rig Count of 8 Major Rig Operators, Nov. 2011  
Floating Rig Count of World's Top 13 Rig Operators, Nov. 2011  
Backlog Value of World's Top 7 Rig Operators, Sep. 2011  
Average Age of Deepwater Rigs (below 4,500 ft)  
Average Age of Deepwater Rigs (below 7,500 ft)  
Number of Global In-service Jack-ups by Manufacturer, 2011  
COSL's Revenue and EBITDA Margin, 2005-2011  
COSL's Revenue by Business, 2010-H1 2011  
COSL's Operating Income by Business, 2010-H1 2011  
COSL's Overseas Revenue, 2004-2011  
Transocean's Revenue and Operating Margin, 2005-9M 2011  
Transocean's Revenue by Region, 2005-2010  
Transocean's Assets by Water Depth, End Jun. 2011  
Transocean's Client Distribution, End Jun. 2011  
Utilization Rate of Transocean's Rigs, 2011-2014  
Transocean's Contract Backlog by Year, Nov. 2011  
Transocean's Midwater Rigs under Construction  
Transocean's Deepwater Rigs under Construction  
ENSCO's Revenue and Operating Margin, 2006-2011  
Revenue and Operating Margin of Pride International, 2006-2010  
Revenue of ENSCO and PRIDE by Water Depth, 2010  
Number and Type of ENSCO's New Operating Rigs, 2004-2014  
ENSCO's Rigs by Region, Nov. 2011  
Noble's Revenue and Operating Margin, 2006-2011  
Noble's Revenue by Region, Q3 2011  
Noble's Revenue by Water Depth, 2011 vs. 2015  
Noble's Backlog by Year, Nov. 2011  
Number of Noble's Floating Rigs, 2005-2014  
Seddrill's Revenue and Operating Margin, 2006-2011  
Seddrill's EBITDA, Q1 2008-Q3 2011  
Seddrill's Semi-Submersibles Contract Backlog, Q1 2011-Q4 2015  
Seddrill's Drillship Contract Backlog, Q1 2011-Q4 2015  
Seddrill's Jack-ups Contract Backlog, Q1 2011-Q4 2015  
Seddrill's Tender Contract Backlog, Q1 2011-Q4 2015  
Revenue and Operating Margin of Diamond Offshore, 2005-2011  
Rowan's Revenue and Operating Margin, 2005-2011  
Rowan's Revenue by Division, 2005-2010

**Rowan's Rigs by Region**

Saipem's Revenue and Operating Margin, 2007-2011  
Saipem's Revenue, EBITDA and EBIT by Division, 2009-2010  
Saipem's Capital Expenditure by Division, 2009-2010  
Saipem's Backlog by Division, as of End Jun. 2011  
Revenue and Operating Margin of Maersk Drilling, 2007-2011  
Revenue and Net Income of Atwood Oceanics, FY2005-FY2011  
Petrobras' Revenue and Gross Margin, 2006-2011  
Petrobras' EBITDA by Division, 2010  
Petrobras' Proved Reserves by Water Depth, 2010  
Petrobras' Output by Water Depth, 1980-2010  
Petrobras' Major Projects, 2010-2015  
Petrobras' New Production Facilities in Campos Basin, 2004-2010  
Petrobras' New Production Facilities in Campos Basin, 2010-2015  
Petrobras' SANTOS Pre-salt Project, 2011-2016  
Petrobras' Pre-salt Oilfield Development, 2008-2017  
New Vessels and Equipments Required by Petrobras, 2011-2020  
Brazil FPSO Operation Plan, 2011-2015  
Revenue and Operating Margin of Samsung Heavy Industries, 2005-2011  
Revenue of Samsung Heavy Industries by Business, 2006-2010  
Order Backlog of Samsung Heavy Industries, 2006-Oct. 2011  
New Orders Breakdown of Samsung Heavy Industries by Type  
New Orders of Samsung Heavy Industries by Type, 2006-Oct. 2011  
Backlogs of Samsung Heavy Industries by Type, Oct. 2011  
Backlogs of Samsung Heavy Industries by Region, Oct. 2011  
Global Presence of Samsung Heavy Industries  
Revenue and Operating Margin of Hyundai Heavy Industries, 2005-2011  
Revenue of Hyundai Heavy Industries by Division, 2010  
Revenue of Hyundai Heavy Industries by Division, 2005-2011  
New Shipbuilding Order Value of Hyundai Heavy Industries, 2001-2011  
Shipbuilding Sales and New Order Value of Hyundai Heavy Industries, 2001-2011  
Shipbuilding Revenue of Hyundai Heavy Industries by Product, 2010  
New Orders of Hyundai Heavy Industries by Ship Type, Jul. 2011  
Backlogs of Hyundai Heavy Industries by Ship Type, Jul. 2011  
Shipbuilding Shipment Tonnage of Hyundai Heavy Industries by Shipyard, 2007-2011  
Shipbuilding Output of Hyundai Heavy Industries by Shipyard, 2007-2011  
Offshore Engineering Revenue and New Order Value of Hyundai Heavy Industries, 2005-2011  
Revenue of Hyundai Heavy Industries by Segment, 2010

New Offshore Orders of Hyundai Heavy Industries by Type, 2007-2011  
Key Offshore Orders of Hyundai Heavy Industries, H1 2011  
STX's Revenue and Operating Margin, 2005-2011  
Revenue of Yantai Raffles, 2006-2011  
Net Income of Yantai Raffles, 2006-2011  
DSME's Revenue and Operating Margin, 2005-2011  
DSME's Revenue by Ship Type, 2008-2010  
DSME's New Orders by Ship Type, 2008-2010  
DSME's Backlog by Ship Type, 2008-2010  
Fulfilled Volume of Dalian Shipbuilding, 2006-2011  
Revenue and Operating Margin of Dalian Shipbuilding, 2006-2011  
Keppel's Revenue and Operating Margin, 2005-2011  
Keppel's Revenue by Business, 2005-9M 2011  
Keppel's Operating Income by Business, 2005-9M 2011  
Organizational Structure of Sembcorp Marine  
Sembcorp's Revenue and Operating Margin, 2005-2011  
Sembcorp's Revenue by Business, 2005-2011  
Revenue and Operating Margin of Sembcorp Marine, 2006-2011  
Revenue of Sembcorp Marine by Business, 2006-2010  
Sembcorp Marine's Ship Repair by Vessel Type, 2009-2010  
Orders of Sembcorp Marine by Type, 2010  
Order and Backlog of Sembcorp Marine, as of Nov. 3, 2011  
Revenue and Operating Margin of Lamprell, 2005-2011  
Revenue and Operating Margin of Cosco-Shipyard, 2005-2011  
Ship Repair Business of Cosco-Shipyard by Vessel Type, 2010  
Revenue of Cosco-Shipyard by Business, 2010  
Global Offshore Fields under Construction, May 2011  
Growth and Forecast of Global Offshore Fields by Region  
Jack-up Projects, 2000-2014 (Including Operator, Rig Name, Design, Builder, Water Depth and Drilling Depth)  
World Fleet of Semi-Submersible Drilling Rigs  
Rig Utilization by Region, Dec. 16, 2010-Dec. 16, 2011  
Global Jack-ups by Operator, Dec. 2011  
Daily Rent of Transocean's Rigs by Type, Q3 2011  
Transocean's Rig Utilization by Type, Q3 2011  
ENSCO's Rig Utilization by Type, Q3 2011  
Status List of Seadrill's Seven Drillships  
Status List of Diamond Offshore's Rigs, Dec. 9, 2011  
Average Daily Revenue of Diamond Offshore's Floating Rigs by Region, 2008-2010



Utilization of Diamond Offshore's Floating Rigs by Region, 2008-2010  
Revenue of Diamond Offshore's Floating Rigs by Region, 2008-2010  
Status List of Diamond Offshore's Rigs, Nov. 2011  
Average Daily Revenue of Rowan's Rigs, 2008-2010  
Rowan's Rig Utilization, 2008-2010  
Status List of Saipem's Rigs, Dec. 9, 2011  
Status List of Maersk's Rigs, Dec. 9, 2011  
Offshore Engineering Performance of Hyundai Heavy Industries, 1976-2011  
Financial Data of STX (Dalian) Shipbuilding, 2010  
DSME's New Orders and Backlogs by Ship Type, Oct. 2011  
Keppel's Backlogs, Sep. 2011  
Overview of Hamriyah Shipyard  
Overview of Sharjah Shipyard  
Overview of Jebel Ali Shipyard

## I would like to order

Product name: Global and China Offshore Rig Industry Report, 2011

Product link: <https://marketpublishers.com/r/G226416B9F2EN.html>

Price: US\$ 2,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G226416B9F2EN.html>