Floating Production What's New in September 2016

Jim McCaul – IMA/World Energy Reports

WER September Floating Production Report

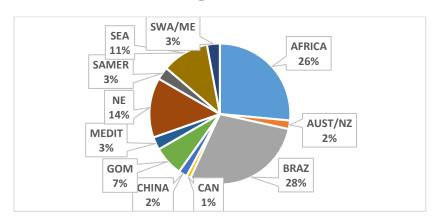
The September WER report provides an overview of the three FSRUs contracted over the previous month. Contracts for new floating storage/regas terminals continue to be a bright light in an otherwise stagnant market. We also review the sequence of events leading to Petrobras cancelling the Libra Pilot and Sepia FPSO tenders and describe plans to restart the competition with revised local content rules.

In the data section of the report are details for 194 floater projects in the planning stage, 55 production or storage floaters now on order, 281 floating production units currently in service and 31 production floaters available for redeployment contracts.

Charts in the report update the location where floating production and storage systems are being planned, operating, being built and to be installed. Accompanying excel spreadsheets provide the report data in sortable format.

Information in the report is current as of 19 September.

Breakdown of Planned FPSO Projects by Region (as of September 2016)



<u>Coming in October – 2017/21 Forecast of Production Floater Orders</u>

In October WER will issue its new five year forecast of production floater orders. We definitely see the end in sight for the industry downturn – and numerous projects are in the contracting queue, waiting for the market upturn to give the investment go-ahead. The October report will identify floating production projects expected to reach the contract stage between 2017 and 2021 – and provide details for the type production floater required and approximate timing of the order.

About World Energy Reports

World Energy Reports was formed in 2014 by IMA and Marine Link to provide business intelligence to clients in the floating production sector.

IMA has for over 40 years provided business planning and investment advice to numerous clients in the offshore and marine sectors – and IMA over the past 20 years has published 60+ multi-client reports on floating production systems that have been a widely cited industry reference source.

Marine Link is one of the oldest and leading information sources for maritime and offshore news – and over the past 70 years has established a global information gathering network to monitor, analyze and report industry developments.

Together we have created a business intelligence service in the floating production sector with no equal.

- Our monthly reports provide a detailed snapshot of the business sector with more than 100 pages of data and industry analysis each month. Excel spreadsheets with each report enable you to tailor the data presentation to your needs. In October of each year we provide a detailed five year forecast of production floater orders. In March of each year we fine tune the forecast and make revisions as needed.
- The online database is updated every day with information direct from primary sources. In the database are details for 240+ planned projects, 370+ installations in service, 55+ floaters on order and 30+ floaters available. The database is fully searchable and charts/spreadsheets can be directly produced from the database.
- Questions from clients about the database and reports are encouraged and our IT manager will assist with any questions about using the database search tools.

For more information, please see our website <u>www.worldenergyreports.com</u> or contact Jean Vertucci at 212 477 6700 or <u>vertucci@marinelink.com</u>.

About Jim McCaul

Jim is the founder and manager of IMA, a consulting firm providing market analysis, competitive benchmarking and business planning support in the maritime and offshore sectors. Over the past 40 years IMA has performed more than 350 business consulting assignments for 170+ clients in 40+ countries.

One of the firm's specialties is analyzing requirements for floating production systems. IMA has published more than 60 reports since 1996 analyzing the floating production business and has been engaged by numerous clients to assist in analyzing specific market opportunities in this sector. Please visit www.imastudies.com for more information about IMA.



Jim is also the co-founder of IMA/World Energy Reports, a New York based business intelligence service for the floating production industry.