

## **Mermaid Maritime PLC**

**CIMB Securities (Singapore) Non-Deal Roadshow** 

Wednesday 17 August 2011, Singapore



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# Agenda



- 1. Introduction
- 2. Subsea Business Overview
- 3. Drilling Business Overview
- 4. Asia Offshore Drilling Overview
- 5. Financial Overview
- 6. Questions & Answers



## 1. Introduction

## **Overview of Mermaid Maritime Plc**





Years since Mermaid Maritime's establishment



regions in which Mermaid operates

Middle East

**North Sea** 



Asia Pacific/

SE Asia

500 skilled workers, crews, technicians, service providers & management

## **SUBSEA BUSINESS**



subsea vessels



saturation diving systems



Subsea

inspection,

repair and

maintenance

14 remotely operated vehicles





Subsea Infrastructure installation support

Subsea remotely operated vehicle support Subsea emergency callout service

South

**America** 

Subsea salvage

India

**DRILLING BUSINESS** Tender



high-spec jack-ups\*



\* 33.75% ownership through Asia Offshore Drilling Limited

Accommodation rig services Offshore drilling and workover services

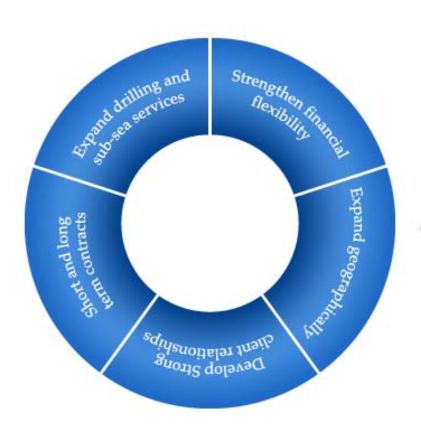
## Two Key Businesses to Balance Earnings





### SUBSEA BUSINESS

- Short to mid-term contracts
- Existing & new subsea infrastructure driven coupled with deeper exploration





### **DRILLING BUSINESS**

- Typically long-term contracts
- Additional and enhanced production































## **Key Milestones**



1983
Established in Thailand

Expanded subsea business and purchased 'Mermaid Responder' and 'Mermaid Commander'. Incorporated Mermaid Drilling Ltd. and commenced offshore drilling services with purchase of tender rigs 'MTR-1' and 'MTR-2'.

2007
Converted to a public company and listed on the Singapore Stock Exchange. IPO raised ~SGD 218 million.
Ordered newbuild 'Mermaid Sapphire'.

#### 2008

Acquired Seascape Surveys for access to hydrographic and positioning services. Took delivery of 'Mermaid Challenger'. Acquired 20% of 'Mermaid Asiana' under construction.

2009
Acquired 'Mermaid
Endurer' under
construction. Took delivery
of 'Mermaid Sapphire' and
purchased remaining 80%
of 'Mermaid Asiana' under
construction. Raised ~SGD
156 million from rights
issue.

### 2010

Acquired Subtech to expand subsea services in the Middle East and Persian Gulf.

Disposed 'Mermaid Responder', purchased 'Mermaid Siam' and took delivery of 'Mermaid Endurer' and 'Mermaid Asiana' bringing total subsea fleet to 8 vessels.

Acquired 49% equity stake in Asia Offshore Drilling with two high specification jack-ups under construction with Keppel FELS, bring the total potential drilling fleet investment to 4 rigs.

2011 Asia Offshore Drilling (AOD) listed in Oslo Axess on 15 July 2011.

AOD raised additional funds of USD 80 million through private placement to exercise rig options with Keppel FELS with entry of Seadrill as strategic shareholder holding equal stake of 33.75% with Mermaid

Mermaid commenced strategic initiative for Mermaid Offshore to enhance shareholder value.



## 2. Subsea Business Overview

## **Subsea Services Overview**

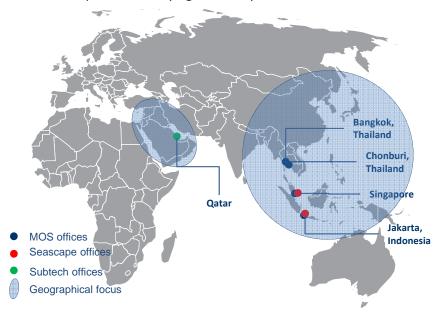


### **Overview**

- Mermaid Offshore Services ("MOS") provides subsea engineering services including surveying, inspection, repair and maintenance (IMR), light construction and ROV/dive support, to the offshore oil and gas industry
  - 488 employees operating in Southeast Asia and the Middle East
  - Current contract backlog exceeds USD 100 million

### Geography

 Defensible positions in Gulf of Thailand, Middle East marketed through Subtech subsidiary and Indonesia supported by Seascape their surveying subsidiary



### **Fleet**







8 subsea vessels

14 ROVs

4 saturation diving systems

Vessel name	Туре	Year built	Past selected clients
Mermaid Commander	DNV Classed DP2 DSV	1987	Shell Brunei, CUEL, Global
Mermaid Endurer	DNV Classed DP2 DSV	2010	ISS, Bibby, Micoperi
Mermaid Asiana	ABS Classed DP2 DSV	2010	PT Timas, CSOTL, COOEC , CACT
Mermaid Siam	DNV Classed DP2 Construction Support Barge	2002	Total, Maersk, NPCC, Acergy, Occidental Petroleum
Mermaid Sapphire	ABS Classed DP2 ROV & Air Diving Support Vessel	2009	CUEL, PTTEP, SEIC
Mermaid Challenger	DNV Classed DP1 Anchor-handling Vessel	2008	EMAS, Mermaid Drilling, KNOC
Mermaid Performer	DNV Class Utility Vessel	1982	CUEL, Modec, and Chevron
SS Barakuda	Utility / Survey Vessel	1982	ConocoPhillips

## **Key Clients**











## **Seascape Surveys Limited**





### 80% owned by MOS since March 2008

- Founded in 2005, Seascape has over 90 personnel employed in offices located in Singapore, Indonesia and Thailand
- Provides survey, positioning, and subsea inspection services in the Asia Pacific region
  - Surface and subsea positioning services onboard DP vessels
  - Provision of offshore construction barge/vessel support survey services
  - Performance of subsea inspection data acquisition, data management and reporting services
- Strong foothold in Indonesia, its primary target market, due to strong local presence and track record in the region
  - Seascape acts as Indonesian Representative Company for MOS
- Annual turnover in FY2010 of approximately USD 20 million
- Contractor Member of the International Marine Contractor Association (IMCA)
- In November 2010, Mermaid Supporter was transferred to PT Seascape Surveys Indonesia and renamed SS Barakuda
  - SS Barakuda will be the dedicated survey and ROV inspection vessel for the Indonesian market

### **Key customers**































# Subtech Limited SUBTECH



## Wholly owned by MOS since March 2010

- Established in 1995, with operation in Qatar
- Provides turnkey subsea support services to local and international clients:
  - Dive intervention (air & saturation)
  - Salvage operations
  - Subsea installations, repairs, inspections and maintenance
  - Subsea engineering
- Has access to about 600 offshore personnel, out of which 85 are diving professionals
- Strong foothold in the Middle East region, with a presence in the Gulf of Mexico and Far East region and expansion plans into West Africa
- Helped MOS to successfully penetrate into the Middle East and Persian Gulf region
  - Strong client relationships in the region helped to drive MOS' marketing and vessel utilization
  - Only locally incorporated diving contractor with a proven track record
  - Strong local business knowledge
- Profitable business with notable contributions to MOS
  - For FY2010, more than a third of bids submitted by MOS were through Subtech
  - Annualized turnover of USD 20 million in FY2010

## **Key customers**



# **E**xonMobil











# Strong diving & ROV capabilities



## Proven track record in diving services

- MOS owns and operates three DP2 DSVs, one DP2 construction barge fitted with a saturation diving system and a pool of 14 ROVs
- MOS has IMCA compliant diving capabilities
- MOS owns dive training facilities with a pool and equipment
- Provided diving services to reputable companies:



## Access to high quality pool of divers

- MOS has access to extensive database of skilled multi disciplined professional divers
- MOS's established safety record and working relationship with divers have earned them ready access to this niche pool of skilled divers

## Historical operations

- Air and saturation dive systems, ROV systems employed for
  - Subsea tie-ins and riser installations
  - Debris removal and pipeline abandonment
  - Pipeline inspection and repair
  - SBM installation, support correction
  - FPSO UWILD inspection hull, moorings, subsea hose assemblies, blanking sea chests
  - Platform inspection
  - Offshore construction support
  - Platform repairs using wet welding techniques and habitat welding
  - Pipeline inspection

# Subsea Fleet – Vessel Type



Vessel Type	Purpose	Vessels in Our Fleet			
Diving Support Vessels (DSVs)	Diving support vessel is a vessel that is used as a floating base for commercial diving projects. It usually includes a Dynamic Positioning (DP) system to maintain the ships position over a dive site by using multi-directional thrusters controlled by onboard computers, and Saturation (SAT) Diving System, which allows professional divers to live and work at depths greater than 160 ft for days or weeks at a time. There are a number of support systems for the saturation system on a DSV, usually including a Remotely Operated Vehicle (ROV) and heavy lifting equipment.				
Utility Vessels	Utility boats (mini-supply vessels) are typically used to support production operations, providing storage space, emergency standby, and transporting personnel between platforms. Utility boats are well suited to support smaller, near-shore production facilities.				
ROV Support Vessel	An ROV support vessels is usually built to accommodate and operate remotely operated underwater vehicle (ROVs), which are unoccupied, highly maneuverable robots operated by a person aboard a vessel. They are linked to the vessel by a				

tether (sometimes referred to as an umbilical cable), a group of cables that carry electrical power, video and data signals

back and forth between the operator and the vehicle.

## **Key competitive advantages**



Strong position in Thailand, Indonesia and the Middle East

- Parent company, Mermaid Maritime established in Thailand in 1983
- Incumbent positions in Gulf of Thailand, Middle East and Indonesia
- Long-term relationships with blue chip clients in the region

Established dive company, with access to high quality pool of professional divers

- Owns and operates three DP2 DSVs, one DP2 construction barge fitted with a saturation diving system and a pool of 14 ROVs
- IMCA compliant; provided diving services to blue chip operators in the global oil & gas industry
- Access to professional divers with an established safety record and good labor relationships

New management team put in place to drive employment and value-added service wins

- MOS management team has an average experience of over 20 years
- Recent senior team hires set to enhance commercial and project management capabilities
- Management hub to be relocated to Singapore to raise the company's profile with customers

Solid contract backlog with significant, achievable upside potential

- Current firm contract backlog of USD 100 million
- Contracts are with reputable industry players such as COOEC, CACT, CUEL, PTTEP and Chevron, in Asia Pacific and the Middle East
- Potential for repeat business from clients in this region

Willingness to explore strategic opportunities

- Immediate access to the Asian market through an established player
- Capable fleet available for future deployment in full service mode
- Ideal timing demand for subsea services expected to strengthen through 2013

# **Incumbent position in key geographies**



- MOS has a strong foothold in its key markets Thailand, Indonesia, and the Middle East
- MOS can leverage on its strong presence in these three markets to win repeat business with key clients, while continuing to expanding its geographical footprint in existing markets like China, and new markets like Brazil and India

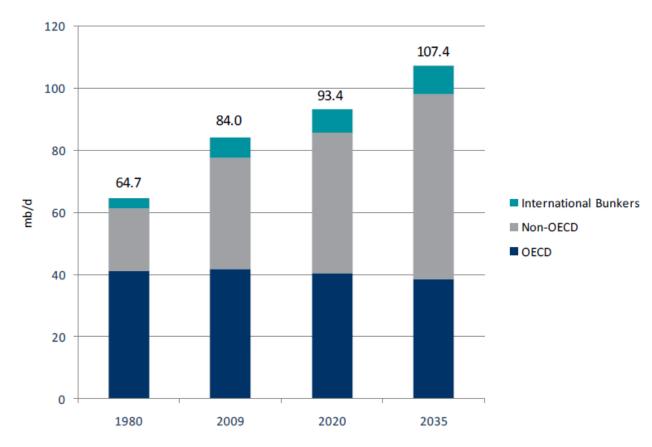
Thailand: MOS's headquarters and logistics base	Indonesia: Via subsidiary Seascape	Middle East: Via subsidiary Subtech
• 28 years of market presence in Thailand	<ul> <li>Seascape primarily provides hydrographic survey and positioning</li> </ul>	• Subtech (Qatar) is an IMCA member and ISO 9002 approved diving and subsea
<ul> <li>The logistics base in Chonburi, being in close proximity to several deep water</li> </ul>	services in South-East Asia	contractor in Qatar
ports, facilitates efficient mobilization of personnel and equipment	<ul> <li>Contractor Member of the International Marine Contractor Association (IMCA)</li> </ul>	<ul> <li>Subtech is the only locally incorporated diving contractor with a proven track record, allowing MOS to successfully</li> </ul>
<ul> <li>MOS has IMCA compliant diving capabilities, and was awarded the</li> </ul>	<ul> <li>Seascape has a strong network in Indonesia, with most of its projects</li> </ul>	penetrate into the Middle East market
ISO9001:2008 quality management systems certification	located in various parts of Indonesia	• Key clients: Qatar Petroleum, Exxon- Mobil, Occidental, McDermott, Maersk Oil
<ul> <li>Key clients: Chevron Thailand and CUEL,</li> </ul>	<ul> <li>Key clients: ConocoPhillips Indonesia, Chevron Indonesia, PT Hallin Indonesia,</li> </ul>	Qatar, and NPCC
NPCC, PTTEP, and Romona	and PT Timas Suplindo	Strong local business knowledge

# Global oil demand is increasing



- Oil demand is projected to grow by 1% per year on average
- All the growth is expected to come from non-OECD countries
- The transport sector accounts for the majority of the increase in oil use
- As conventional oil production in non OPEC countries is expected to peak soon, most of the increase in output would need to come from OPEC countries, which hold the bulk of remaining recoverable conventional oil resources

## Global oil demand



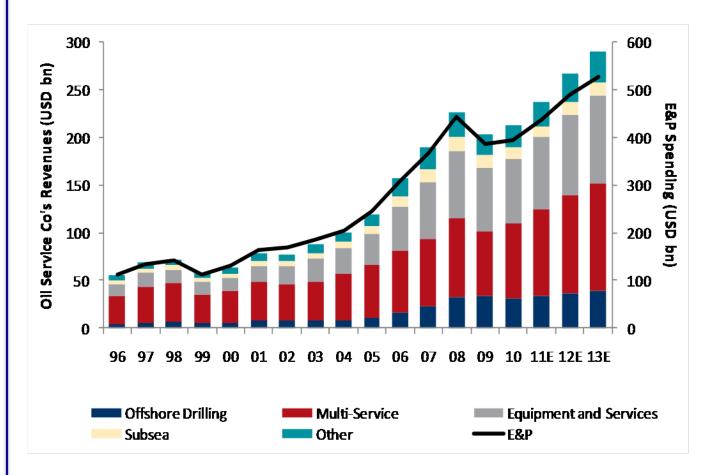
Source: Reference Scenario, World Energy Outlook 2010, International Energy Agency

# Increased E&P spending driven by higher oil prices



- Strong growth in E&P spending expected the next few years
- 2008 level of E&P spending is expected to be surpassed in 2011
- Projects postponed as a consequence of the financial turmoil, has accumulated demand
- A continued price level above USD 100 per barrel is expected to be a catalyst to E&P spending

Oil service companies' revenues and E&P spending

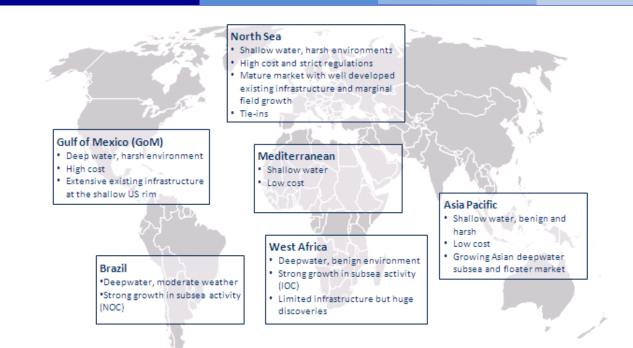


Source: Reuters, RS Platou

## Strongest growth expected in the Southern hemisphere



- Strongest growth expected in Brazil, West Africa and Asia Pacific
- 11 known new offshore projects in South East Asia from 2010



### Known offshore projects in South East Asia with first oil from '10e

						<b>Total reserves</b>	Water depth
Project	Country	Location	Operator	Award	First oil	(mboe)	(ft)
Terang Sirasun	Indonesia	Kangean	EMP		2010E	463	650
Pagerungan Utara	Indonesia	East Java	Kangean		2010E	-	-
Te Giac Trang	Vietnam	Block 16-1 Cuu Long Basin	PetroVietnam	2010E	2011E	300	150
South Mahakam Phase 1	Indonesia	Kalimantan	Total		2012E	200	-
Malakai	Malaysia	Block G	Shell		2012E	108	1,570
Pisagan	Malaysia	Block G	Shell		2012E	56	3,280
Bongkok South	Thailand	Gulf of Thailand	Total		2012E	=	-
Gendalo-Gehem	Indonesia	Kutei Basin	Chevron	2010E	2013E	1,100	5,900
Malikai	Malaysia	Block G	Shell	2010E	2014E	108	1,570
Voi Trang	Vietnam	Block 16-1	PetroVietnam		2014E	=	-
Sunrise Ph1	Timor/Australia	Timor Leste Island	Woodside	2011E	2015E	32,268	1,310

# **Strong Demand for Subsea Construction Expected**



## Subsea construction market

Subsea tree awards

- Successful drilling of commercial discoveries will eventually lead to field development tendering
- Awards of subsea tree is a proxy of FD activity
- Increased level of subsea tree awards expected

**IMR** 

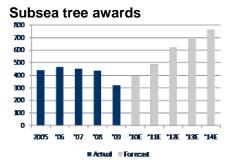
- Installed base of subsea trees grows substantially
- Will require significant ongoing IMR work
- Expected to have a growth rate of more than 10% between 2010 and 2015

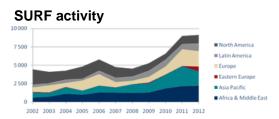
**Pipelaying activity** 

 A field development will involve demand for pipeline installation

**Decommissioning** 

 Fields ready for decommissioning is increasing in mature regions, but due to high oil prices the decommissioning has been delayed





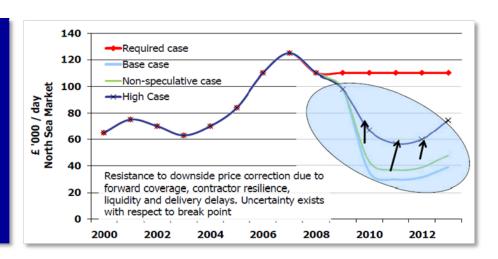
Strong demand for subsea construction operations expected

Source: Quest Offshore, Infield

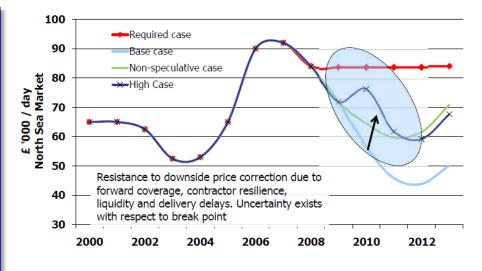
## **Improving Longer-Term Rates Outlook**



# **DSV rates in 4 scenarios**





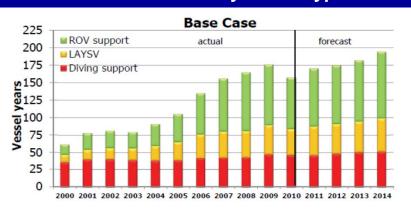


- Rates weakened further in 2009 although this was supported by forward coverage & commitments
- Increasing utilization becomes more important than high rates to maintain cash flow
- A 30% increase in demand is required to lift rates to previous peak levels though in the medium term, there will continue to be weakening of rates

## Markets will recover, slowly but surely

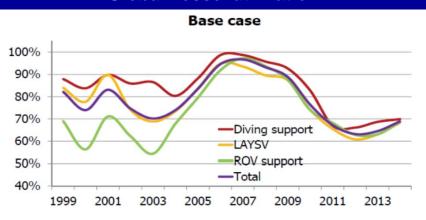


## Global demand by vessel type



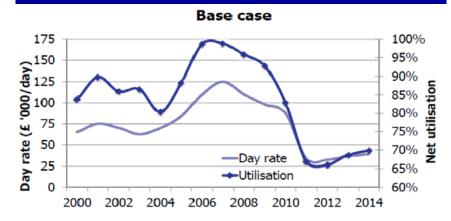
The Global Subsea Market to 2014 Strategic Offshore Research © 2011

### **Global vessel utilization**



The Global Subsea Market to 2014 Strategic Offshore Research © 2011

## North Sea DSV dayrates to 2014



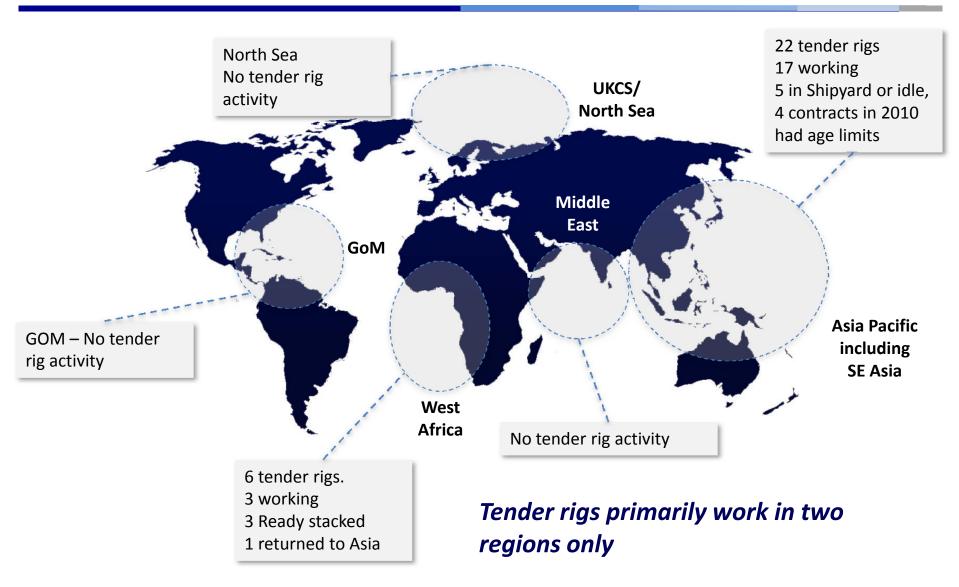
The Global Subsea Market to 2014 Strategic Offshore Research © 2011



## 3. Drilling Business Overview

## **Tender Market**





## **Drilling Operations Update**





**Location: Thailand** 

Status: Waiting next contract award

Client: NA



**Location: Indonesia** 

Status: Active in drilling operations

**Client: Chevron** Indonesia

- MTR-1: Currently awaiting a decision on proposals on a contract for her to be employed as an accommodation barge by Chevron Indonesia
- MTR-2: Previous contract for MTR-2 ended at the end of March 2011, and she is working on a new 9-months contract for 270 days worth USD 26.5 million in Indonesia.
- MDL continues to enjoy outstanding safety performance which will serve as strong reference for future tenders, recently achieved 2-year operations with no losstime accident.



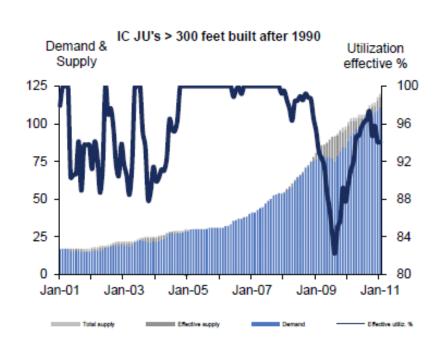
## 4. Asia Offshore Drilling Overview

## New vs. Old Jack-up Utilization



### New vs. old jackup utilization

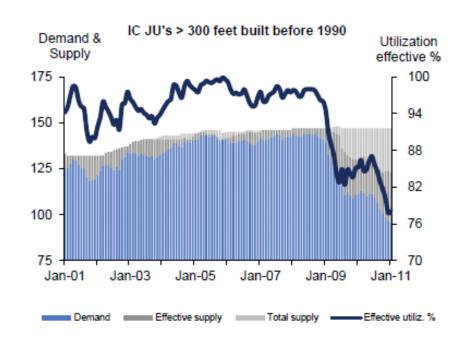
### New jackup utilization



## Utilization for new rigs (less than 10yrs old) bottomed out October 2009

 Current 94% utilization healthy for dayrates – new rigs entering the market replaces old units if not incremental demand is present

## Old jackups utilization

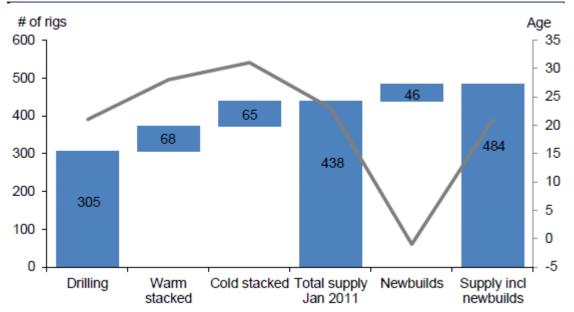


- Utilization for older jackups have not recovered since financial crisis started
- Incremental demand for older units can pick up, especially if call-on-Opec increases
- However, demand from oil companies have shifted towards newer equipment in general

# Supply/Demand in the Jack-Up Market (10 years)



### Total supply January 2011 (incl. age profile)



### 2008-2020E supply demand balance

Year	Effective supply*	Demand	Defecit (-), surplus (+)
August 2008.	411	391	20
2011	373	330	43
2015E	258	400	-142
2020E	164	400	-236

 Clear trend that new rigs will get work and replace older units as oil companies prefer newer assets.

150-200 new jack-up rigs needed by 2020

<sup>• 68</sup> cold stacked jack-ups projected to never enter the market again. Another ~170 jack-ups projected to be obsolete in 2015. Rest of the 1980 built jack-ups will be inactive units in 2020.

<sup>\*</sup> Effective supply adjustments:

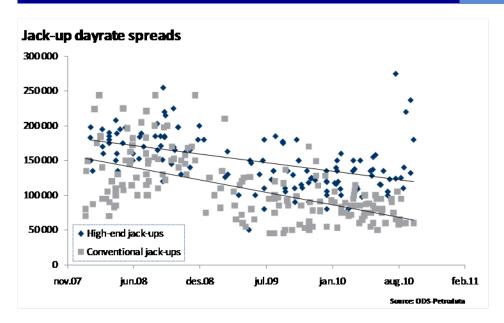
<sup>2011 (</sup>ex. cold stacked)

<sup>2015 (</sup>incl. new builds, ex. 2011 cold/w arm stacked and 94 oldest w orking units)

<sup>2020 (</sup>incl. new builds, ex. all the older untis)

# **Increasing Spreads for Jack-Up Day-Rates**





### **Dayrate Overview**

	YE 2010 Estimate	Current \$'/day	-6 mnths. \$'/day	-1 year \$'/day
High Spec JU 1)	125	120	135	150
250 feet JU USGoM	45	45	45	60
5G harsh 2)	450	525	525	550
5G International 3)	450	500	510	550
3G Norway 4)	325	350	350	450
Standard semis UK	250	250	250	350

- 1) 300 feet+ IC jack-ups less than 5 yrs old
- 2) Includes Norway, UK and Canada, limited number of units currently working in this segment
- 3) High spec. 5th gen. International (USGoM, West Africa etc.)
- 4) Rates for 4th Gen units ~\$/day 50' higher

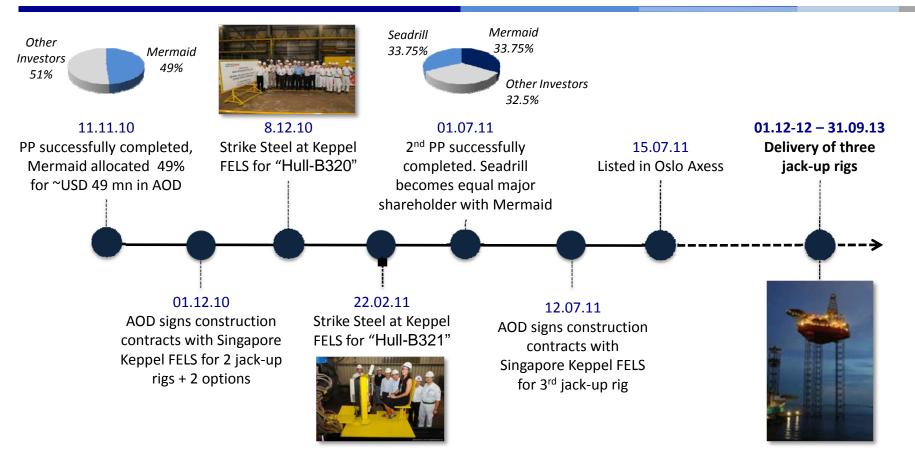
## Spread in day-rates and values due to:

- More efficient conventional drilling from newer units
- 2. Inability of vintage jackups to handle high pressure wells
- 3. Deck capacity larger on new units positive for deep wells and wells far from shore (reduced supply vessel costs)
- Safety for employees, in addition to comfort

Increasing spreads for Jack-up day rates with higher spec rigs achieving 150-160' \$/day

# **Asia Offshore Drilling - Update**

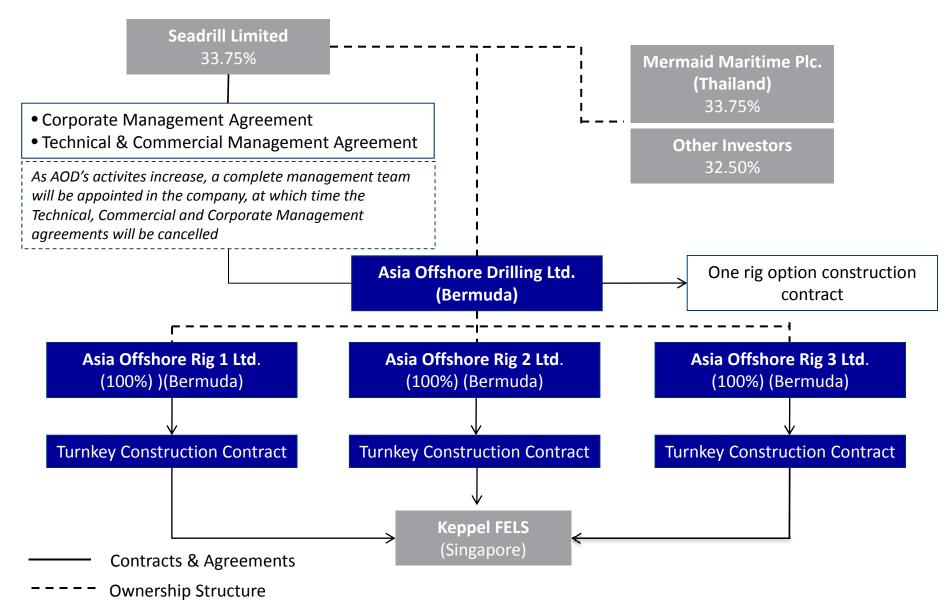




- Turnkey contract for delivery of three jack-up rigs in December 2012, March 2013 and September 2013
  - 20% down payment and 80% on delivery
- Keppel FELS to undertake complete EPC responsibility
  - Third party vendors chosen by Keppel FELS from vendor list accepted by Mermaid
- Standard warranty periods to apply for rig and third party equipment

# **Asia Offshore Drilling – Company Structure**

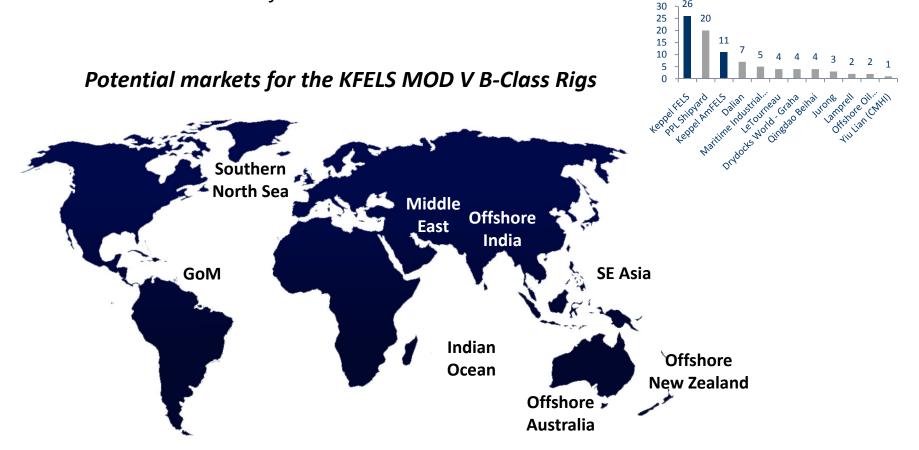




# The KFELS MOD V B-Class Design



Proven design and solid track record with wide geographical application. Preferred design by major drilling companies. 24 MOD V B-Class delivered by KFELS since 2006 with zero late deliveries and 14 ahead of schedule



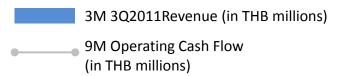


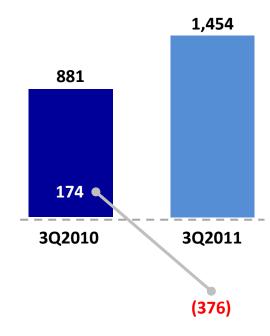
## **5. Financial Overview**

# Financial Highlights 3Q2011



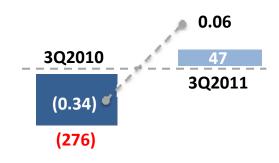
## Year on Year Comparison





Revenue Growth/Decline & Operating Cash Flow

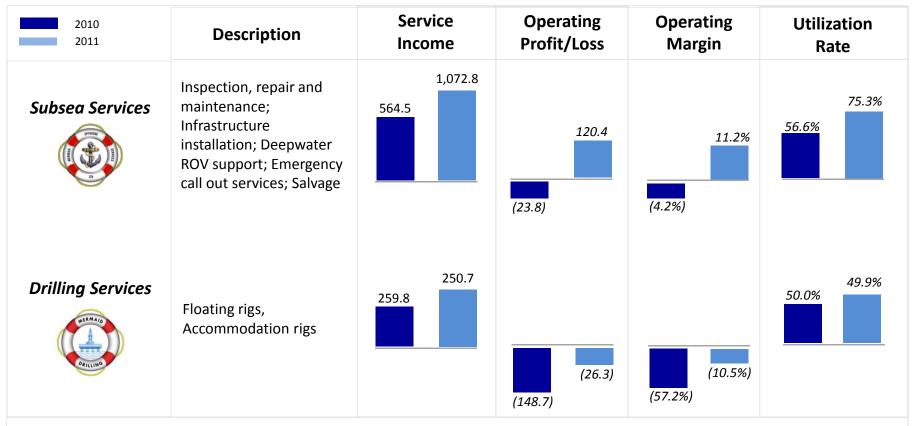




Net Profit (Loss) Growth/Decline & Basic and Diluted EPS

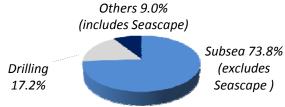
# **3Q2011 Sector Breakdown (3 Months)**



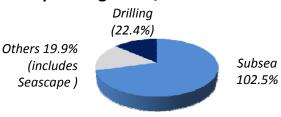


### Revenue Breakdown

3Q2011



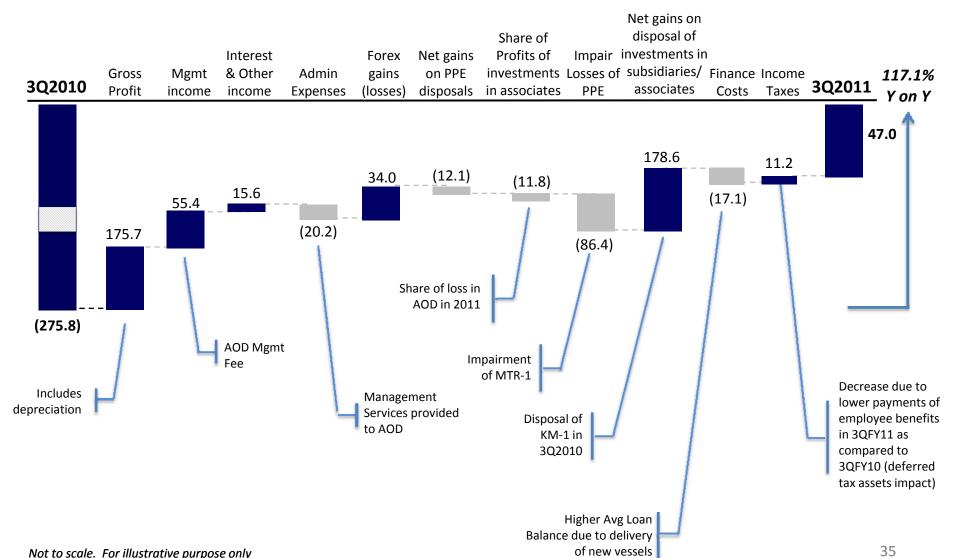
### **Operating Profit/Loss Breakdown**



# **3Q2011 Profits & Losses (3 months)**

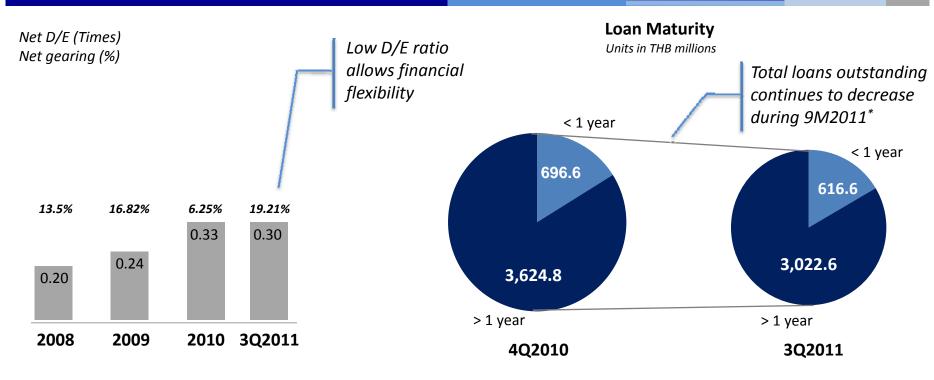


All units in THB millions



## **Debt structure**



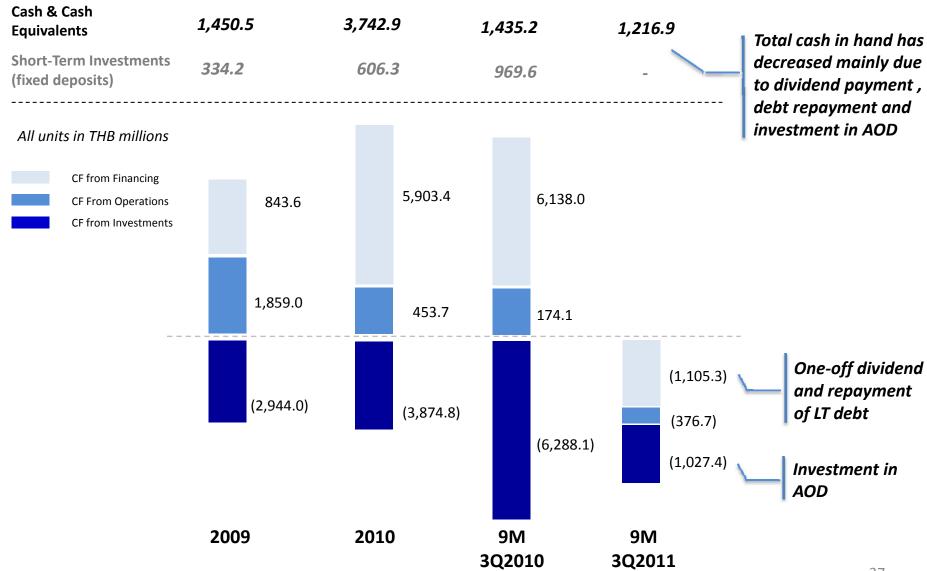


<sup>\*</sup> EXIM Loans have not been fully drawn down

	Loan Repayment Schedule (USD Million)								
Repayment amount	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
	5.1	19.7	15.5	15.0	12.3	12.0	8.6	26.1	3.7

## **Cash flow**







## 6. Questions & Answers