

Introduction

Offshore Safety
Directive

OSD - UK

OSD - DK

OSD - NL

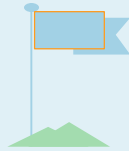
MAERSK DRILLING

Brussels, 19th September 2018



Founded

1972



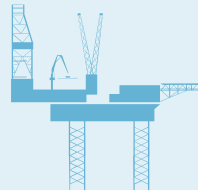
Headquarters

Copenhagen



Rig Fleet

24



Employees

3,000



Revenue in 2017 (USDm)

1,443



EBITDA in 2017 (USDm)

675

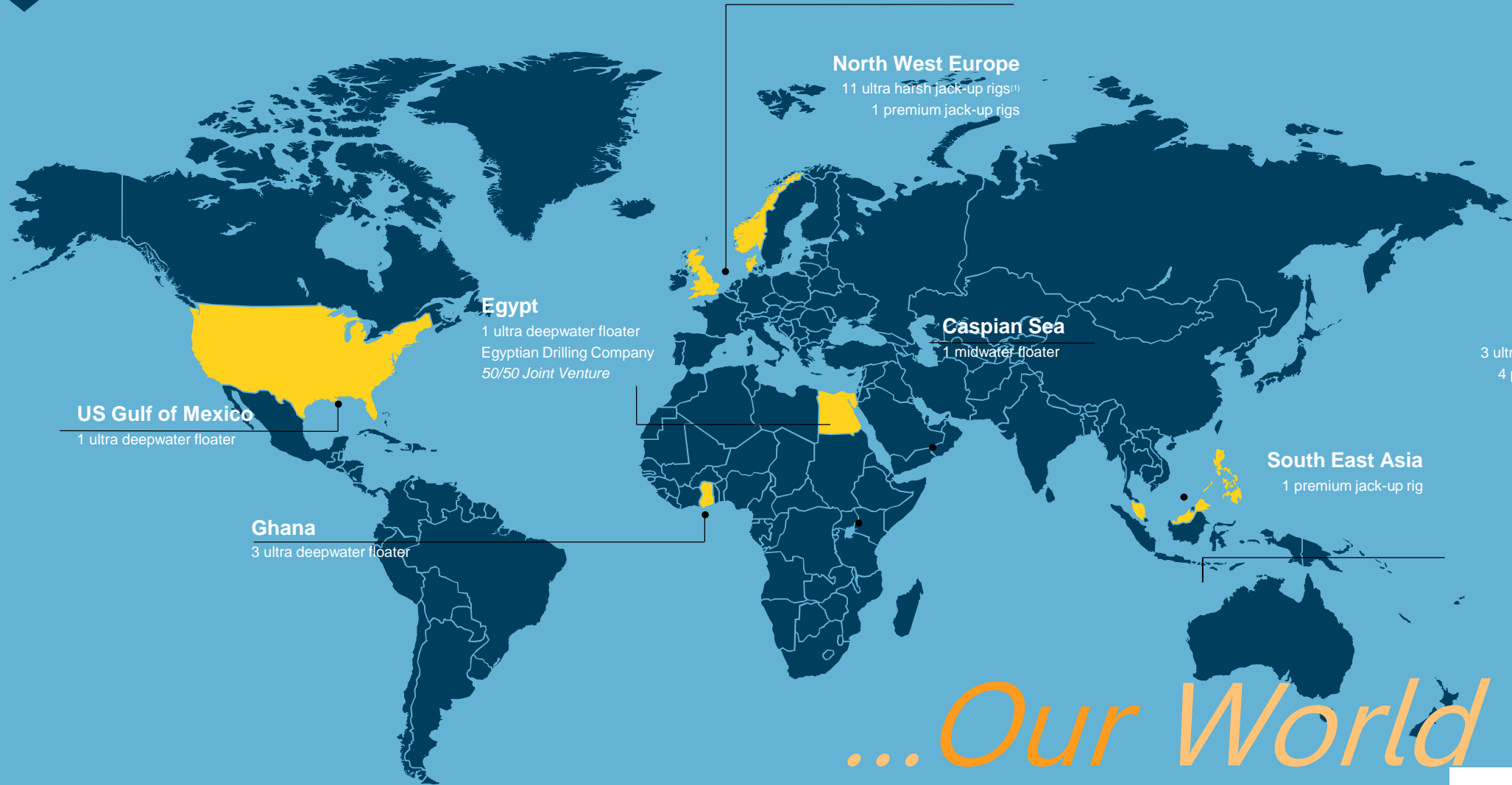


Operational Uptime 2017

97%



...*Our Company*



...Our World

4 Drillships



1,650-12,000 ft



Up to 40,000 ft.

4 Semi-Submersibles



465-10,000 ft.



Up to 32,800 ft.

16 Jack-Ups



Up to 492 ft.



Up to 40,000 ft.

...Our Fleet



...Myself

- Lead Technical Safety Engineer
- Part of Technical Safety, consisting of 5 safety engineers (1 LTSE, 3 STSEs, 1 TSEs)

Offshore Regulation

Technical Organisation

Operations

Maersk Group

Newbuildings, vessels

DMA

risk based regulation/approval, offshore

Maersk Drilling

HAZIDs, HAZOPs, FMEAs etc., Tech MoC, Reg. Work and Technical SME

2000

2006

2009

Today

Changes relatively minor for MD due to the fact that

...After OSD

- Risk analyses of all Major Accident Hazards considered likely
- Report on Major Hazards/HSE Case,
- definition of Safety- and Environmentally Critical Elements,
- performance requirements,
- assurance of safety critical functionality through the operational lifecycle of the asset

with involvement of the personnel operating the assets was already an internal MD requirement before the OSD.



However certain developments triggered in MD:

...After OSD

-Independent verification schemes had to be developed for some units (on top of assurance activities)

-CMAPP had to be developed

...*UK Sector*

-CMAPP (interpretation of content and level of detail differs between continental shelves)

-Initial uncertainty around the CA and roles of respective departments

...DK Sector

--Verification scheme for SECE

... *NL Sector*

-Requirement that ALL safety-and environmentally critical elements in our operation (including the ones not owned and managed by us) to be under MD verification scheme.

-In other sectors, we assure that these elements are managed under a verification scheme, but it does not have to be ours.

-Introduction of requirements on presentation format for Major Accident Scenarios from Directive 2012/18/EU into offshore legislation (SEVESO directive – which excludes offshore oil and gas from its scope as focussed on land use, hazardous substances storage, and exposure of the immediate public around a site)

The above changes did not emanate from the OSD, but coincided with the OSD implementation.

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...Thank you

...Questions?

