MA-D6 Field Development Slideshow

updated August 2009
MA-D6 Field Development Phase 1
Trials onboard Constructor – Aalborg, Denmark

Umbilical Termination Head Trial Lifts Through Constructor Vertical Lay System in Aalborg and Fitting of Moonpool Flaring Structure
Suction Piles Ready for Loadout – Aalborg, Denmark
Buoyancy Module Loadout – Aberdeen, UK
Loading out Dynamic Umbilical onboard HLV #1 – Moss, Norway

Dynamic Umbilical Carousel onboard HLV Grietje
Production Manifold Loadout – Port Klang, Malaysia
Suction Anchors onboard Construtor
Suction Anchor Installation
Constructor ROV working
APL turret buoy load out at Batam
Ballasting STP Buoy
Transportation Barge
STP Buoy Hook-Up

Secure STP buoy to Olympic Pegasus

Far Scout Tow to Site
Wet Parking Frame Installation
Fishing Activity

Radar showing massive fishing activity
Reeling Flexible into Vertical Lay System
Flowline Gooseneck Installation

8” Gooseneck at VLS table

8” Gooseneck on Wet Parking Frame
Riser Buoyancy Installation
Infield Umbilical Reel Preparation

Gas Injection Umbilical
Umbilical Termination Lift into Vertical Lay System
Umbilical Termination Head Preparation
Umbilical Installation – Utilising Safety Clamp

Umbilical safety clamp
Umbilical Termination Head Installation on to Wet Parking Frame
Landing out Umbilical Termination Head

Gas Injection umbilical landed on Wet Parking Frame
Dynamic Umbilical Carousel Transferred to Constructor
Dynamic Umbilical Bend Restrictor Installation
Diving on the STP Buoy with the DSV Skandi Achiever
Production Manifold Suction Anchor Installation
Production Manifold Installation
Production Manifold Installation
Production Manifold Installation
FPSO Dhirubhai-1 Moored in Position
MA-D6 Field Development Phase 2
Gas Export Manifold (GEM) Pile Loadout - Port Klang, Malaysia
GEM Structure Loadout - Port Klang, Malaysia
Riser Pile Loadout – Aalborg, Denmark

3. Fourth HBP Loaded
Constructor Alongside FPSO
SIMOPS – Drilling and Pipelay
Gas Export Manifold Preparation
Gas Export Manifold Installation
Gas Export Flowline Installation
Diving from the DSV Protea
FPSO and Drill Vessel on Site
Pull-in of the Risers from the FPSO Turret Room
Gas Export Spool Fabrication and Assembly
Gas Export Spool Final Assembly
Gas Export Spool Lift