FPSO KIKEH

IMO No: 7351812 TANKER 1974 / 135244 GT

COMPANY:

Single Buoy Moorings (SBM) Inc.,
Switzerland

YARD INFORMATION:

Imabari Shipbuilding Co. Ltd. 8023
Kure (Japan)

SCRAPPING INFORMATION:

Singapore 13/12/2006 © H. Rosenkranz

GENERAL INFORMATION:

Type: FPSO Size: 273,000 DWT
Storage Capacity: 2,000,000 bbls
Water depth: 1350 m
Field: Kikeh Lease period: 8 years
Uptime record: N/A
Number of risers: 9 (4 via GAP from FTL) 4 (future)
3 x umbilicals (+ 1 spare)
Swivel stack: 1 x 12" subsea production (future)
1 x 14" HP production 1 x 10" oil import (future)
1 x 10" LP production 1 x 16" water injection
1 x 8" test/pigging 1 x multi-path double-drum
1 x HV power electric 1 x LV / signal
1 x 8" gas export
Max throughput: 120,000 bbls oil per day
150 MMSCFD Number of wells: N/A
Gas injection: 135 MMSCFD Gas lift: N/A
Water injection: 260,000 bbls water per day
Date First Oil: June 2007
FPSO owned by a joint venture between SBM and MISC
www.singlebuoy.com/HTML/LeaseOperations/Systems/Kikeh.htm

OWNER & FLAG HISTORY:

FPSO KIKEH 2007-01-29 LRF
(FPSO) ATLAS 2003-11-17 LRF
STENA CONDUCTOR 2000-05-12 LRF
Flag Date of record Source
Malaysia 2007-01-29 LRF
Bermuda 2001-09-10 LRF
Liberia 2000-05-12 LRF
Registered owner Date of record Source
SINGLE BUOY MOORINGS 2003-11-17 LRF
SEAHAVEN 1996-01-01 LRF
Ship manager Date of record Source
SINGLE BUOY MOORINGS 2003-11-17 LRF
STENA MARINE MANAGEMENT LLC 1996-01-01 LRF

SALES, TRANSFERS & RENAMINGS:

UNIVERSE EXPLORER	1974-86	
STENA EXPLORER	1986-90	
STENA CONDUCTOR	1990-04	Seahaven Ltd., Liberia
(FPSO ?) ATLAS	2004-06	Single Buoy Moorings Inc., Bermudas
FPSO KIKEH	2006-	Single Buoy Moorings Inc., Malaysia

GENERAL VESSEL INFORMATION:

IMO No: 7351812
Ex: Stena Explorer-1990; Universe Explorer-1986
Built: 04/1974
Type: Tanker
Status: In Service as FPSO 2004
SubType: Crude
Flag: Bermuda
DWT: 273,408
Draft: 21.07
Builder: Ishikawajima Harima Heavy Ind., Co., Ltd., Kure Yard, Japan (K2284)
GT: 122,129
LOA: 337.07/320.02
Owner: Stena Rederi AB (Stena Bulk).; To day SBM Group
Beam: 54.56
Speed/Cons: 16.00/175.00
Class: AB
Depth: 27.01
Engine Type: IHI Steam turbines, 29422 kW
Cubic: 311,415
http://supertankers.topcities.com/part-2/id489.htm

Concordia's four VLCCs and Stena's VLCC STENA CONDUCTOR were operated in a pool where the profit was divided equally per vessel until the middle of May, when the Stena Conductor was withdrawn from the pool following her sale.
www.concordia-maritime.se/v4/en/ir/reports/pdf/CMAB_Report_2002_6.pdf

..the newbuild Kikeh field floating, production, storage and offloading vessel (FPSO), a conversion of the tanker STENA CONDUCTOR, currently under construction at Malaysian Marine and Heavy Engineering by Malaysia International Shipping Corporation Berhad (MISC) and due for delivery to the Kikeh field in the second half of 2007.
www.platform-oilandgas.com/newsdetail

Malaysia has completed the **FPSO KIKEH**, its first deepwater floating production storage and offloading (FPSO) facility, a significant event in the nation's endeavour to develop world class deepwater engineering and construction capability.
FPSO Kikeh, completed in 26 months, is also notable in that it is the largest such facility to be constructed in Malaysia. Built by Malaysia Marine & Heavy Engineering (MMHE), a subsidiary of MISC, at its yard in Pasir Gudang, Johor, peninsular Malaysia, the floating production unit was converted from the 337m long 279,000dwt VLCC SS Atlas. FPSO Kikeh, owned and operated by Malaysia Deepwater Terminal, a joint venture between MISC and SBM Offshore, is now on location in block K offshore Sabah, East Malaysia. Leased to Murphy Sabah Oil, the production sharing partner of Petronas Carigali, the FPSO is contracted for an initial period of eight years with options for five three-year follow-on extensions.
Moored in a water depth of 1320m about 120km northwest of Labuan Island, the FPSO will unload its cargo of oil to shuttle tankers every ten days, produced from Malaysia's first deepwater discovery using subsea wells connected to the FPSO by pipelines on the seabed and flexible risers.
Murphy Oil estimates the Kikeh field had proved reserves of 47.5mmbo and 74.6bcf of gas as at year-end 2006. Initial oil production, scheduled for startup in the second half of this year, is expected to be 40,000b/d of oil with a one-year ramp up to a plateau of 120,000b/d.

FPSO Kikeh's external turret, at around 2300t, is the heaviest ever designed by SBM. It affords permanent mooring, achieved with 10 anchor legs in a 4-3-3 configuration consisting of 127mm studless chain and 98mm wire rope, and acts as a support for the production, injection and utilities lines.

Product, water, power and communication data will be transferred between FPSO Kikeh and the anchored Kikeh DTU (dry tree unit) truss spar by way of fluid transfer lines (FTL) that utilise SBM's Gravity Actuated Pipe (GAP) system.

Reprinted from May/June 2007 Asian Oil & Gas

www.misc.com.my/pressroom

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