PROJECT TITLE

Siakap North – Petai EPCI Subsea (Malaysia)

DATE

May 2013

BACKGROUND

The subsea infrastructure of the Siakap North – Petai ("SNP") Development Project operated by Murphy Sabah Oil Co., Ltd. ("Murphy"), comprising rigid flowlines, flexible risers, an umbilical and subsea hardware and controls. The SNP field is located nearby the existing Kikeh field, northwest of Labuan Island, Malaysia, in waters 3,900 - 4,900 feet deep.



Siakap North – Petai EPCI Subsea (Malaysia) KimPlasma RoundSling, Project Modules Heavy Lift to Kikeh





ITEMS

KimPlasma RoundSling (101) Rated at 150T SWL >7 LGTH 2MTR >4 LGTH 6MTR >3 LGTH 4MTR

KimPlasma RoundSling (71) Rated AT 85T SWL >2 LGTH 4MTR >2 LGTH 5MTR

KimPlasma RoundSling (40) Rated AT 55T SWL >10 LGTH 8MTR >3 LGTH 5MTR

KimPlasma RoundSling (66) Rated AT 85T SWL ▶4 LGTH 6MTR

KimPlasma RoundSling (153) Rated AT 250T SWL >2 LGTH 6MTR >2 LGTH 2MTR

2 x Kimlock Cable Laid Sling dia 238mm x 12600mm (CSBL: 2473 MT)

8 x Kimflex Sling dia 168mm x 21000mm (MBL: 954 MT) 8 x Kimflex Sling dia 192mm (MBL: 1253 MT) Length: 21111mm / 21188mm / 18985mm / 17286mm / 19069mm / 21132mm / 19609mm / 21210mm

1 x 1250 ton Crosby G-2160 wide body shackle 3 x 800 ton Green Pin P-6033 wide body shackle 16 x 400 ton Crosby G-2160 wide body shackle 4 x 125 ton Crosby G-2160 wide body shackle 8 x 85 ton Crosby G-2130 bolt type anchor shackle

All manufactured and tested by KTL Offshore in the Singapore. Witnessed and certified by ABS.



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