

## PROJECT TITLE

Gumasut J-Lay Tower Upgrade And Refurbishment.

## DATE

March/April 2011.

## BACKGROUND

KTL Offshore supplied the heavy lift slings which were used for the demobilization of the J-Lay Tower from the installation vessel.

The J-Lay tower was to be refurbished and upgraded prior to its installation onto a different vessel.

This J-Lay Tower will allow the vessel to install steel centenary risers, flowlines, inline structures and PLET in deep waters. It is to be a removable asset.

## ITEMS

- 1 KimLock Sling, 96mm dia x 7.75m length, MBL 716 MT.
- 1 KimLock Sling, 96mm dia x 7.47m length, MBL 716 MT.
- 1 KimFlex Sling, 256mm dia x 10.11m length, MBL 2160 MT.



## GUMASUT J-LAY TOWER UPGRADE AND REFURBISHMENT (Malaysia)

### KimLock & KimFlex Slings and Crosby Shackles

- 1 KimFlex Sling, 256mm dia x 9.99m length, MBL 2160 MT.
- 2 KimFlex Slings, 208mm dia x 22.44m length, MBL 1416 MT.
- 2 KimFlex Slings, 168mm dia x 22.44m length, MBL 950.40 MT.
- 1 KimFlex Sling, 152mm dia x 11.64m length, MBL 810 MT.
- 1 KimFlex Sling, 152mm dia x 11.52m length, MBL 810 MT.

**Both ends of the KimFlex Slings were made to a 90 degree orientation.**

- 4 G-2160 Crosby Wide Body Shackles, 125 MT.
- 4 G-2160 Crosby Wide Body Shackles, 200 MT.
- 2 G-2160 Crosby Wide Body Shackles, 1000 MT.
- 2 G-2160 Crosby Wide Body Shackles, 800 MT.

All manufactured and tested by KTL Offshore in Singapore. Witnessed and certified by ABS 3rd party consultancy.

