

Karan Project: Multiple Platform Lifts

DATE

August 2017

BACKGROUND

In 2017 KTL Offshore was awarded the contract to design, manufacture and test 30 heavy lift slings and grommets for the KARAN project in the Kingdom of Saudi Arabia. The slings were tested on our *KT1000* horizontal test bed to ensure the critical length tolerances were achieved – one of the largest test facilities in the Middle East.

The EPCI contract was awarded by Saudi Aramco, which involved the engineering, procurement, transportation and installation of offshore structures including observation platform, wellhead production deck module, auxiliary platforms, 20" internally clad flow line and composite power cable.

The Karan gas field is located offshore of the Arabian Gulf in water depths of 40m to 60m. It is the first non-associated gas field being developed in the Kingdom of Saudi Arabia. The field is owned and operated by Saudi Aramco, a state-owned oil and gas company.



Karan Project, Kingdom of Saudi Arabia Cable Laid Slings and Grommets



SCOPE OF SUPPLY:

Cable Laid Grommets:

- Dia: 228mm; length: 20.86 meters; CGBL: 4,794 MT; x2 lengths.
- Dia: 213mm; length: 21.36 meters; CGBL: 4,061 MT; x2 lengths.
- Dia: 213mm; length: 32.18 meters; CGBL: 3,672 MT; x2 lengths.
- Dia: 192mm; length: 31.70 meters; CGBL: 3,384 MT; x2 lengths.
- Dia: 162mm; length: 37.94 meters; CGBL: 2,481 MT; x2 lengths.
- Dia: 114mm; length: 31.00 meters; CGBL: 1,156 MT; x4 lengths.

Cable Laid Slings (Hand Spliced):

- Dia: 225mm; length: 48.37 meters; CSBL: 1,691 MT; x2 lengths.
- Dia: 204mm; length: 48.36 meters; CSBL: 1,418 MT; x2 lengths.
- Dia: 204mm; length: 43.00 meters; CSBL: 1,418 MT; x2 lengths.
- Dia: 191mm; length: 42.41 meters; CSBL: 1,278 MT; x2 lengths.
- Dia: 176mm; length: 50.10 meters; CSBL: 1,094 MT; x2 lengths.
- Dia: 152mm; length: 40.00 meters; CSBL: 816 MT; x2 lengths.
- Dia: 150mm; length: 31.00 meters; CSBL: 805 MT; x2 lengths.
- Dia: 128mm; length: 42.50 meters; CSBL: 585 MT; x2 lengths.

Manufactured and tested at KTL Offshore (Middle East) FZC and witnessed by BV.