# Prelude FLNG Project:

## KimLift™ Synthetic Slings – 2,814 Metric Tons (MBL)

**DATE**
January 2016

**BACKGROUND**
KTL Offshore was contracted to supply one of the **highest capacity synthetic slings ever manufactured to date** for the lifting of certain equipment used to construct the massive *Prelude FLNG* vessel. The KimLift™ slings were designed and manufactured in Singapore and proof load tested on our KimTest 3000 test bed at our facility in Malaysia. The design and development of these synthetic slings represented a breakthrough in technology for synthetic slings, due to the required strength and length of the slings. The KimLift™ slings were manufactured with *Engineered Length Control*™ for length accuracy under load. The load bearing structure of the slings was constructed using the most advanced HMPE yarn and spun into the optimum design at our Singapore facility. Each sling was supplied with Cordura outer body protection and a higher strength cover protection at each eye.

The *Prelude FLNG* is the world's first floating liquefied natural gas platform as well as the largest offshore facility ever constructed. It is 488 metres (1,601 ft) long, 74 metres (243 ft) wide, and made with more than 260,000 tonnes of steel. At full load, it will displace more than 600,000 tonnes, more than five times the displacement of a Nimitz-class aircraft carrier. The hull was launched in December 2013.


## Prelude FLNG
## KimLift™ Synthetic Round Slings

**DETAILS**

KimLift™ KLX-733 Synthetic Round Sling – MBL 2,814MT with length 26.0 metres (x3 slings)

KimLift™ KLX-607 Synthetic Round Sling – MBL 2,233MT with length 4.0 metres (x1 sling)

KimLift™ KLX-314 Synthetic Round Sling – MBL 1,114MT with length 4.0 metres (x1 sling)

Manufactured in Singapore and tested in Malaysia by **KTL Offshore** with **DNV-GL** and **ABS** certification.

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