

Laying & Burial

2006

THAILAND project - Koh Samui / Kha Nom (power cable)

The Aim of Koh Samui project for Nexans Norway was the transport and installation of 24 km of 123 kV power cable between Koh Samui and Kha Nom on Thailand / October 2006.

Scope of work was :

- Collection of 24 km of power cable (OD 169 mm - weight 52kg/m) in Halden / Norway onboard a freighter (MV Pantanal)
- Transport by freighter of this cable to Thailand
- Mobilisation of a cable laying barge and associated AHT in Singapore and Batam
- Loading of the cable onboard our cable laying barge
- Laying and burial of the cable between Koh Samui and Kah Nom

The installation spread was supported by 5 vessels:

- Swiscco 80 barge (85 x 24 m) fitted with :
 - 6 point mooring system
 - Cable tank, LCE
 - Cable gantry and cable chute
 - Diving spread
 - TJV 05 jetting spread
- Ocean Fluorite AHT
- Swiscco Shentosha AHT
- Mermaid Responder accommodation vessel
- Mermaid One shallow water vessel with very shallow water pontoon and TJV 08 jetting sledge

Product Details			
Cable type	Cable length	Cable diameter	Burial depth
123 kV 3x1x24 mm ² KQ	24 km	169 mm	1.5 m



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