

Client / Operator : Smit Internationale
 Project name : Taklift 4
 Construction yard : Smit yard / Huisman Equipment
 Country : The Netherlands
 Period : Apr 2009 – Feb 2010
 Category : Engineering and consultancy
 Construction and commissioning supervision



PROJECT DESCRIPTION

The Smit Transport & Heavy Lift division serves the market among others with self propelled sheerlegs. These sheelegs are used for heavy lifts for the marine, oil & gas as well as the civil construction industry. A 20-year lifetime extension was carried out for the sheerleg TAKLIFT 4, including an upgrade of the maximum lifting capacity and the installation of diesel electric propulsion.



TECHNICAL DATA

Principal Particulars

Length over all	:	83.20	m
Breadth over all	:	36.90	m
Depth moulded	:	7.00	m
Maximum draft	:	6.02	m
Total installed power	:	2,600	kW
DP system	:	N/A	-
Lifting capacity	:	2800	t
Speed	:	10	kts
Accommodation	:	31	pers.



OUR SERVICES

The Offshore Partners provided the following services:

- Design and engineering for life-time extension and class approval:
 - Design
 - Calculations
 - General arrangement drawings
 - Basic and detail engineering drawings including diagrams
- Project management and supervision through site team including the following disciplines:
 - Mechanical & Machinery
 - Electrical & Instrumentation
 - Testing & Commissioning

