

Client / Operator : Helix Energy Solutions Group Inc.
 Project name : Pipelay vessel CAESAR
 Construction yard : COSCO Nantong Shipyard
 Country : P.R. of China
 Period : Jun 2006 – Feb 2010
 Category : Construction and commissioning supervision



PROJECT DESCRIPTION

Helix Energy Solutions Inc. awarded Cosco Shipyard the contract to convert an existing cable lay vessel into a pipelay vessel. The dynamically positioned S-lay pipeline installation vessel is capable of installing various diameters of pipe in shallow and deepwater. In addition a 300t crane and 450t A-frame was installed to suit deepwater subsea installation activities.



TECHNICAL DATA

Principal Particulars			
Length over all	:	146.50	m
Length B.P.	:	128.60	m
Breadth over all	:	30.00	m
Depth moulded	:	17.10	m
Max. draft	:	9.00	m
Total installed power	:	4 x 3,485	kW
	:	3 x 1,500	kW
DP system	:	Kongsberg DP2	-
Max. pipe diameter	:	OD 42	inch
Tension capacity	:	3 x 135	t
Main crane	:	300	t
Speed	:	14	kts
Accommodation	:	220	pers.



OUR SERVICES

The Offshore Partners provided the following services:

- Project management and site team supervision including the following disciplines:
 - Naval architecture
 - Structural
 - Mechanical
 - Pipeline installation and lifting equipment
 - Testing & Commissioning

