

Client / Operator : EMAS AMC  
 Project name : Pipelay / Heavy Lift  
 LEWEK CONSTELLATION  
 Construction yard : Huisman Equipment B.V.  
 Country : Netherlands  
 Period : April – October 2013  
 Category : Package Manager Mission Equipment



### PROJECT DESCRIPTION

Huisman Equipment B.V. requested assistance from The Offshore Partners to supervise the design, engineering and construction of the mission equipment onboard the new build pipelay and heavy lift construction vessel Lewek Constellation.

The mono-hull vessel is fitted with a 5,000t mast crane with deepwater lowering system down to 6,000m water depth and is fitted with S-lay and J-lay systems capable of installing pipelines down to 3000m water depth.



### TECHNICAL DATA

#### Principal Particulars

Length over all	: 179	m
Breadth over all	: 46	m
DP system	: Dynpos Auto DP3	-
Main crane	: 3,000	t
Accommodation	: 239	pers.
Vertical Lay System		
Pipe range	: Rigid: 4 - 16	inch
	: Flex: 4 – 24	inch
Tension capacity	: 800	t
Hang-off Clamp	: 900	t
A&R capacity	: 1200	t



### OUR SERVICES

The Offshore Partners provided the mission equipment package manager in charge of:

- Vertical pipelay system (VLS),
- Reel transport system,
- 3000t Mast crane
- Ancillary mission equipment

