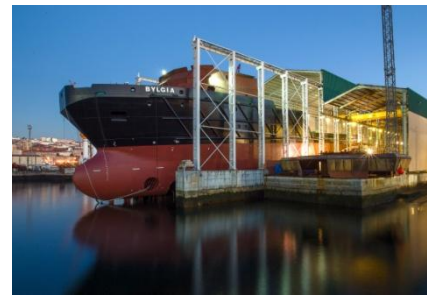


Client / Operator : Heerema Marine Contractors  
 Project name : New building Anchor Handling Tugs  
 Construction yard : Astilleros Armon  
 Country : Spain  
 Period : Sep 2010 – Dec 2013  
 Category : Conceptual design support  
 Tender process support  
 Engineering and consultancy  
 Site supervision



### PROJECT DESCRIPTION

In September 2010 Heerema Marine Contractors requested project management assistance, for investigating possibilities to replace the existing anchor handling tugs. Functional requirements have been written to enable pre-selected shipyards to provide a bid. After short listing and final selection of the shipyard and their design, assistance has been provided by acting as client representative during concept, basic and detailed engineering, and subsequently during construction. BYLGIA and KOLGA have been successfully delivered, adding value to the versatile fleet of Heerema Marine Contractors.



### TECHNICAL DATA

Principal Particulars

Length over all	: 72.00	m
Breadth moulded	: 18.00	m
Depth moulded	: 8.50	m
Total installed power	: 18,450	kW
Bollard pull	: 202	t
DP system	: DP2	-
Accommodation	: 40	pers.



### OUR SERVICES

The Offshore Partners provided the following services:

- Preparation of functional requirements and ITT;
- Review and evaluation of technical and commercial bids;
- Technical contract negotiation with shipyard;
- Review and approval of basic and detailed engineering drawings and documentation;
- Site management and supervision during construction.

