

Client / Operator	:	Boskalis Offshore bv
Project name	:	Boskalis Strait of Magellan project
Barge	:	Pipepull barge Pontra Maris
Country	:	Argentina
Period	:	September – August 2009
Category	:	Conceptual design Engineering, detailed design, strength and hydrostatic calculations, consultancy



PROJECT DESCRIPTION

For the installation of a natural gas pipeline across the Strait of Magellan in Southern Argentina, Boskalis Offshore requested The Offshore Partners to provide engineering services. Concept, basic and detail engineering services, were provided to convert and mobilize an existing barge into a dedicated pipe pull barge, with a maximum pulling capacity of 800 tons. TOP provided basic and detail drawings, as well as strength and hydrostatic calculations within the very short time window of four weeks.

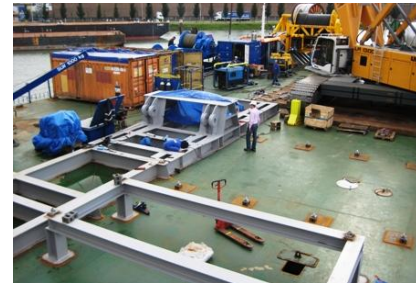
Installation of the pipeline was successfully delivered by Boskalis Offshore by the end of December 2009.



TECHNICAL DATA

Principal Particulars

Length over all	:	70.00	m
Breadth over all	:	23.38	m
Depth moulded	:	5.75	m
Design Draft	:	3.08	m
Linear winch cap.	:	800	tons
Total pulling cap.	:	1040	tons



OUR SERVICES

The Offshore Partners provided the following services:

- Concept design of new deck arrangement
- Concept, basic and detail design of several new winch foundations and fairleads
- Preparation of safety plan
- Strength and hydrostatic calculations
- Local strength verification of barge structure
- Consultancy

