



## **Project Datasheet**

**Project** Julimar Development Project

Scope Offshore Umbilical Transportation & Installation

## 1. Project Overview

The Julimar/Brunello fields are located approximately 180km west-northwest offshore from Dampier in Commonwealth waters, Western Australia. The Julimar Development Project will supply raw wet gas from the Julimar/Brunello fields to the Chevron/Woodside operated offshore central processing Wheatstone Platform.



Figure 1 • Blue Offshore's cable installation system installing umbilical.

## 2. Scope of Work

EMAS AMC Australia has contracted Blue Offshore to provide a rental 15m OD basket carousel able to lift 1,000Te of umbilical and related equipment. The basket carousel system is used for the transportation, storage and installation of 843Te of offshore umbilical for the Julimar Development Project.

This project is a perfect example of the modularity of Blue Offshore's equipment. Our 23m OD basket carousel has been reduced to 15m OD and the height of the basket carousel has been reduced from 8m to 4m. In addition, the basket carousel has been adjusted to comply with the client's needs, i.e. to hold an umbilical termination head platform. Also, the loading tower has been reduced in height from 16m to 13m to match the new configuration.





The basket carousel loaded with 843Te umbilical has been remobilised from the MV Frauke in one single lift via the Asian Hercules II in Singapore onto the barge Lewek Lea for temporary storage. Once the DP3 pipelay vessel Lewek Constellation (LCO) had arrived, the basket carousel was again lifted in one single lift and remobilised onto the LCO for umbilical installation in the Julimar/Brunello fields in Australia.

The scope of work included the following elements:

- Project management, design and engineering;
- Fabrication and construction services;
- Mobilisation on MV Frauke;
- Umbilical loading at cable production facility in Rosyth (UK);
- Umbilical transport from Rosyth (UK) to Singapore;
- Remobilisation from the MV Frauke onto EMAS AMC barge Lewek Lea (figure 2);
- Remobilisation from barge Lewek Lea onto DP3 pipelay vessel LCO;
- Umbilical transport from Singapore to Julimar/Brunello fields (Australia);
- Umbilical installation (figure 1);
- Demobilisation of basket carousel system from the LCO into the hull of the BBC Austria for return to its home base in Rotterdam, NL (figure 3).



Figure 2 • Lifting of 15 m OD basket carousel.



Figure 3 • Basket carousel inside the hull BBC Austria.

## 3. Project Schedule

•	Contract award	Aug 2015	•	Remob for storage	Nov 2015
•	Carousel reconfiguration	Aug 2015	•	Storage period	Nov 2015-Feb 2016
•	MV Frauke mobilisation	Oct 2015	•	LCO mobilisation	Feb 2016
•	Umbilical loading	Oct 2015	•	Umbilical installation	Mar/Apr 2016
•	Transportation to Singapore	Oct/Nov 2015	•	LCO demobilisation	Apr 2016