

DECK REEL HUB FLANGE FACING FOR OFFSHORE PIPELAY VESSEL - VIETNAM

4 X 2.3M FLANGES – TRIYARD SHIPYARD

Having successfully completed in-situ machining for a large 4.7 meter diameter stern thruster flange earlier in the newbuild project, Goltens was asked to deploy its in-situ specialists once again in June 2013.

The follow on work involved the machining of two upper and two lower Deck Reel Hub flanges on the offshore pipelay vessel Lewek Constellation which was being built by Saigon Offshore Fabrication & Engineering Ltd (SOFEL).

Goltens deployed in-situ machinists and one of its 3 meter flange facing machines to start the work.

IN-SITU FLANGE FACING CONSISTED OF:

- Setting up the machine to follow up the reference point provided by Shipyards.
- Flatness checks to monitor and report material removal to the yard.
- Machining of the top and bottom flanges to match the drawing specifications:
 - Top: OD2300 x ID2120 x 2 pcs
 - Bottom: OD2300 x ID2060 x 2 pcs
- Removal of 30mm material from each flange
- Completion of flatness checks of the finished flanges witnessed by class, owner and shipyard.

RESULTS:

Goltens completed the machining of the 4 flanges in a total of 24 days from start to finish. A total of 30mm of material was removed from each flange. The results of the machining were excellent and were accepted by Class surveyor (DNV), the vessel owner and the shipyard's Quality Control.

CUSTOMER COMMENT:

"We are very satisfied with Goltens' support, working attitude and excellent workmanship"

Mr. David Zhang
General Manager
TriYard SOFEL, Vung Tau

PROJECT FACTS:

Customer:	REEL HUB FLANGE FACING
Project name:	TriYard Shipyards Vung Tau
Vessel:	1200MT 16M Deck Reel
Top Flange dimension:	Lewek Constellation
Bottom Flange Dimension:	OD2300 x ID2120 x 2 pcs
Class Surveyor:	OD2300 x ID2060 x 2 pcs
Work period:	ABS
	25 days

