



▶ Bourbon Offshore chose
OPTIWAVE 8300 C Marine

News August 2008

Bourbon Offshore has ordered four new Platform Supply Vessels at Zhejiang Shipbuilding in Ningbo, China.

These are highly sophisticated vessels, to be built according to the Ulstein PX-105 MACS® design (Ulstein X-BOW®). New to this design is the 360 degrees free sight from bridge, initiated by Bourbon Offshore, to enhance the safety of operation.

For tank level gauging, owner chose our CARGOMASTER® system with OPTIWAVE 8300 C Marine tank radars.

August 2008

KROHNE Skarpenord has won the contract for delivering cargo level gauging systems to Bourbon Offshore's newbuildings in China. The PSV's will have the ULSTEIN XBOW® design, type number PX-105 MACS®. The vessels will be delivered by Zhejiang Shipbuilding in Ningbo between mid 2009 and mid 2010. Zhejiang Shipbuilding has built ships since 1969, the yard is recognized for delivering high quality vessels.

One reason for Bourbon Offshore to choose CARGOMASTER® was our OPTIWAVE cargo level radar, designed to keep operational costs at a minimum. The stand-alone OPTIWAVE radars with local indication works independent of the monitoring system. If a computer or

common I/O component should fail during critical cargo operations, the operators may continue closed loading or discharging with the radar's local ullage indication.

In competing systems, broken central components may lead to a situation where levels and volumes cannot be read, and levels must be taken by manual sounding. The OPTIWAVE overcomes this in its design and manner of operation.

OPTIWAVE 8300 C Marine tank radar is compact and easy to place in the tight PSV environment.

KROHNE Skarpenord secured the contract facing hard competition. The yard found our system to be easy to install due to compact design and easy cabling.

Bourbon Offshore has a fleet of 19 offshore support vessels. The new PX-105 MACS® will add four to the fleet of PSVs, AHTS's and MPSV's. Bourbon Offshore is recognized as one of the most innovative ship owners in the offshore support market today. The final decision for CARGOMASTER® was made by Bourbon Offshore in Norway.

For more information, please contact KROHNE Skarpenord or KROHNE Skarpenord Shanghai.

For more information about Bourbon Offshore and Zhejiang Shipbuilding, please visit:



www.bourbon-offshore.no



www.sinopacificshipbuilding.com

Project information	Yard	Zhejiang, Ningbo		
	Owner	Bourbon		
	Project	4 Ulstein PX-105 MACS® platform supply ships		
	CARGOMASTER® system delivery includes:			
	Cargo level gauging	20	OPTIWAVE 8300 C Marine radar beam type	
	Fuel, oil, level and density	4x2	P105 Precision pressure sensors	
	Other tank levels	25	P130 Precision pressure sensors	
	Inert gas pressure	4	P130 Precision pressure sensors	
Monitoring system	1	CARGOMASTER® Version 5		



OPTIWAVE installed on main deck

