

Gripping News



*A regular quarterly newsletter
Informing and Entertaining !*

Issue 18, January 2012

This is the BIG NEWS - Welcome to the NEW Bardex. Bardex Corporation was a privately owned company tracing its history back to 1963 but during last year we underwent a major re-organisation and our former private shareholders committed to selling their ownership to the employees of Bardex.

Our new company, Bardex Corporation is the same as before and has same management as before, but now, when qualified in the plan, everyone who works for us is a part-owner and by having a stake in the company we, all of us, are more committed than ever before to driving our efficiency and providing the high quality, reliable and dependable systems and equipment that our customers require and expect from us.

Bardex Corporation is now an "ESOT" – it is one of a fast growing number of successful, healthy and expanding companies organised as an Employee Stock Ownership Trust in the USA.

2012 Exhibitions



MCE Deepwater Development 2012, Paris, March 26-28

Hosted this year by Total, this year's technical conference programme is themed "Sustainable Developments with a Renewed Risk Awareness". Bardex will be exhibiting at Stand 121.



OTC 2012 Reliant Center, Houston, April 30 – May 3

Last year's OTC was attended by more than 78,000 visitors from more than 110 countries, we are expecting the show will be even busier this year. Do call by and visit us, we are on Booth 3665 and will look forward to welcoming you and discussing systems/equipment and our full after-sales support package.



Offshore Northern Seas 2012, Stavanger, August 28-31

The last ONS in 2010 was attended by more than 49,000 visitors. This year we will be exhibiting on the USA Pavilion on Stand 854, we hope to see you there.

Orders:

One of our recent noteworthy orders is for the design, manufacture, test and supply of a steel catenary riser pull-in system for operation on a floating production vessel to be located in the deepwater of the Gulf of Mexico.

The Bardex designed system will include a gimbal-mounted linear chain jack designed to handle the emergency load case of up to 1,580 tonnes, although the normal maximum pull-in load is 1,250 tonnes. Multiple gripper jacks will position the SCR pull-in and associated modules in the correct location and in the correct angular "heading" around the moonpool; the whole will be powered by an HPU and central control system.

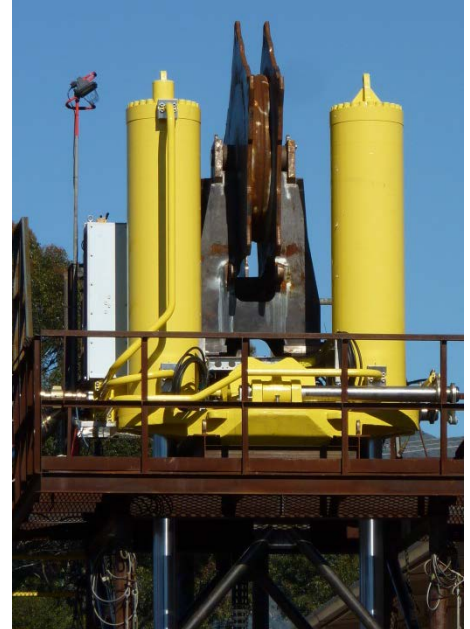
The complete system will be laid out in a full size mock-up of the FPU's moonpool and dynamically load tested at specially commissioned test facilities in southern Louisiana before being delivered to a shipyard for installation to the FPU.

Factory Acceptance Testing

Before each system leaves our factory it undergoes a thorough Factory Acceptance Test ("FAT"). We carry out hydrostatic pressure and cycling tests of all major components and sub-assemblies and we function test to ensure proper smooth operation.

We are presently in the process of testing the mooring system Chain Jacks for the Jack & St. Malo semi-submersible production platform to be moored in 7,000 ft. in the deepwater Gulf of Mexico and pictured to the right is the first chain jack and turndown sheave installed on our factory test frame.

Bardex is shipping the first in this series of chain jacks by the end of January 2012 and will ship the complete mooring system over the next few weeks. The full system comprises 16 chain jacks and turndown sheaves, electrically-powered HPU and automated PLC-control system including manual and pendant controls.



In the photo at left, Bardex engineers are preparing a test. Note the size of the 165mm chain as it rises through the travelling crossarm and latches at bottom, passes through the fixed crossarm and latches and on exit from the chain jack, drapes over the turndown sheave.

Quick system specifications are:

Pull: 7,200 kN
Stall: 8,000 kN
Chain size: 165mm, R4S
Chain stopper: 25,491 kN

HPU: 4 x 350 hp motor/pump assemblies
1,000 gallon reservoir, heat exchanger

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For past issues of *Gripping News* please look under "Literature" or "News" on our website at www.bardex.com
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