

News of May 16, 2018

Revamp Gives a Laby®-GI Compressor of Burckhardt Compression a New Life

The very first Laby®-GI Compressor of Burckhardt Compression was used as an MSO (minimum send-out) compressor. The compressor is installed on the FSRU (floating storage and regasification unit) vessel Golar Freeze, which will now receive a new lease of life. Golar Management in Norway has decided to re-market the vessel with a different function that requires a major revamp of the MSO Compressor, for which Burckhardt Compression has been awarded the contract.

After nearly 10 years of reliable operation in a harsh marine environment with low maintenance, the robustness of the Laby®-GI Compressor has paid off. This was the first compressor of its kind installed on an FSRU vessel. Golar Management Oslo, the ship-owner, has decided to provide the vessel with new employment. The new charterer in Jamaica will use the compressor for a different purpose, delivering gas to the Jamaica's power utility JPS. This requires an increase in discharge pressure from 45 to 65 barg that, in turn, requires an additional compression stage, along with its extra auxiliaries, piping and other modifications.

An engineering study was first performed to verify the feasibility of the plan. After all analyses had been completed, a clear picture of the necessary changes was available. The scope of the contract work was then defined, and a suitable offer was drawn up. Golar Management was fully convinced by the competencies of Burckhardt Compression, proceeded with the project and the chosen partner.

Gabriele Pipitone, Vessel Manager of Golar, said: "The technical solution offered and the tight delivery time for this project completely met our expectations. Burckhardt Compression was proactive, available at the right time, with the right plan, the right offer and the right team. We are pleased to have found the perfect solution for revamping the MSO compressor."

A floating storage regasification unit (FSRU) is a vital component that is required while transiting and transferring liquefied natural gas (LNG) through the oceanic channels. An FSRU can thus be regarded as a special type of ship used for LNG transfer. The FSRU has the capability to turn LNG into its gaseous form at relatively high pressure and transferring ashore for gas pipelines and power production.

About Golar Management

Golar is a leading independent owner and operator of LNG carriers and FSRUs, and a pioneer developer of FLNGVs. Their vision is to break the mold in LNG and they aim to use their maritime expertise and innovative floating LNG assets to provide the most competitive LNG solution to monetize natural gas reserves and deliver LNG. Golar's flexible, low-cost, fast-track LNG-based solutions are designed to thrive in a low commodity price environment.



*FSRU vessel Golar Freeze in operation off-shore
Image source: Golar Management*



*Field Service Representative of Burckhardt Compression
is inspecting the Laby®-GI Compressor and its condition.
Image source: Burckhardt Compression*

Further information:

Marion Schleuniger
Marketing Communications Manager – Services Division
Tel.: +41 52 262 56 70
Marion.schleuniger@burckhardtcompression.com

About Burckhardt Compression

Burckhardt Compression is the worldwide market leader for reciprocating compressor systems and the only manufacturer and service provider that covers a full range of reciprocating compressor technologies and services. Its customized compressor systems are used in the upstream oil & gas, gas transport and storage, refinery, chemical, petrochemical and industrial gas sectors. Burckhardt Compression's leading technology, broad portfolio of compressor components and the full range of services help customers around the world to find the optimized solution for their reciprocating compressor systems. Since 1844 its highly skilled workforce has crafted superior solutions and set the benchmark in the gas compression industry.

SIX Swiss Exchange: BCHN
For further information, please visit www.burckhardtcompression.com
