

Success Story: Five-year long-term service agreement renewed across LNG fleet

Long-term
partnerships



Following the successful execution of an initial five-year long-term service agreement (LTSA), Burckhardt Compression secured a renewal with a leading global LNG carrier operator. The agreement covers a fleet of nine LNG carriers equipped with thirteen compressors as part of the fuel gas supply system and boil-off gas (BOG) management.

Building on proven results, the renewed contract includes the ongoing maintenance of the entire fleet of Laby®-GI Compressors, complemented by condition monitoring and comprehensive fleet management services. The customer's decision to renew was driven by high compressor availability (>97%), reduced unplanned interventions and full cost transparency.

Customer challenges

- Predictable maintenance costs
- Maximize vessel operational flexibility by maintaining high compressor efficiency
- Minimize downtime during maintenance and dry-dock periods
- Reduce unplanned interventions and associated operational risks
- Reduce logistics' complexity during service execution

Burckhardt Compression solutions

Five-year long-term service agreement (LTSA)

We delivered a customized five-year LTSA designed to ensure predictable costs and reliable compressor performance across the entire fleet. A dedicated account management structure provides a single point of contact, ensuring streamlined communication. It also includes regular performance reviews to support ongoing alignment.

Complete service and maintenance solutions

The fleet-wide approach ensures consistent service standards across all vessels, supported by our global service network and local field service expertise. This enables seamless maintenance execution during transit and during scheduled dry-dock overhauls while reducing travel costs. The flexible service scope also allows integration of compressor auxiliary equipment maintenance as needed, ensuring a holistic approach to asset management.

Predictive insights with Prognost®-NT

Condition monitoring with the Prognost®-NT system enables predictive maintenance planning and early identification of potential issues. Weekly data assessments by our OEM experts ensure continuous visibility of compressor performance and support timely decision-making. Spare parts are supplied and delivered to the vessel in advance, ensuring they are ready prior to scheduled maintenance interventions.

Full cost transparency and planning security

The structured LTSA approach provides full budget transparency and predictable OPEX. A fixed-rate model for scheduled maintenance ensures financial certainty while enabling timely and targeted interventions.

Customer benefits

- Full cost predictability with fixed-rate service structure and budgeting
- Adaptable maintenance approach to maximize operational efficiency
- Maximum compressor uptime thanks to high-quality ongoing maintenance and condition monitoring
- Spare parts management ensuring availability on board ahead of planned interventions
- Simplified coordination thanks to a single point of contact and fleet-wide service approach

Compressor data

Compressors for fuel gas supply and boil-off gas (BOG)			
Type	Laby®-GI Compressors: LP250 and *LP190	Gas	Natural gas
Power	1'950 kW / 1'454 hp *1'500 kW / 1'118 hp	Suction pressure Discharge pressure	1.06 bara / 15.37 psia 306 bara / 4'438 psia
Speed	509 rpm *712 rpm	Lubrication	Yes



Compressor maintenance during dry-dock.



Weekly assessments to data ensure continuous visibility of compressor performance.

What our customer says

“Our partnership with Burckhardt Compression has enabled us to operate our LNG fleet with high reliability and full cost transparency. The combination of proactive monitoring, expert support and a dedicated point of contact ensures predictable maintenance, minimized downtime and continuous optimization giving us confidence in both day-to-day operations and long-term planning.”

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