LNG Shipping News

AN LNG JOURNAL TITLE ON LNG CARRIERS — 12 September 2024

Egypt looks for up to 20 LNG cargoes

Egypt is seeking winter LNG cargoes for the first time in several years, highlighting its deepening energy shortage that will increase global competition for the gas.

State-owned Egyptian General Petroleum Corp, has issued one of its largest tenders to date, asking for 17 shipments to be delivered to its Ain Sukhna FSRU and three more cargoes to be delivered into another FSRU, moored at neighbouring Aqaba, Jordan.

The tender is due to close on 12th September.

Deliveries are being sought from October to December, this year, local sources said, talking with Bloomberg.

The emergence of Egypt as a surprise buyer this winter could result in a new competitor for LNG on Europe's doorstep, the newswire said.

While the European heating season will start with full inventories, costs could quickly spiral, as competition intensifies or global outages squeeze supply.

For example, European benchmark gas prices rose by as much as 4% last Friday.

Egypt recently narrowly avoided an economic meltdown with a $57 bill bailout led by the United Arab Emirates (UAE) and the International Monetary Fund (IMF).

Authorities had let the Egyptian pound plunge by nearly 40% against the dollar in March, seeking to resolve a serious foreign currency shortage and unlock overseas funding after two years of uncertainty.

However, these large LNG purchases could be a drain on foreign currency reserves, just as Suez Canal revenues have plummeted, due to a drop in Red Sea shipping, following attacks by Houthi militants.

Rapidly declining gas production in Egypt and an unusually hot summer have prompted the country to increase LNG imports this year to the highest level seen since 2018.

Imports have risen every month since Egypt resumed overseas purchases in April.

There were no LNG imports for most of 2021 and all of 2022 and 2023, according to the Joint Organisations Data Initiative, Bloomberg reported.

Egypt's Petroleum Minister said in July that part of the reason that oil and gas production had declined was an increase in arrears to foreign oil companies that has slowed down exploration and development programmes.

Until this year, Egypt was an LNG exporter. However, Egyptian gas production has been in decline - falling to an over seven-year low in June - with output at its huge Zohr field in the Mediterranean down by about a third since 2019. ■

SHIPPING NEWS AGENDA

EU largest LNG importer

In the first half of this year, LNG shipment volumes increased by 1.3% y-o-y to 206 mill tonnes, from 203.3 mill in 1H23.

The largest exporter was the US, which accounted for 21.2% of all shipments in 1H24, followed by Australia with 19.9% and Qatar with 18.8%, Italian-based broking house Banchero Costa said in a report.

During the period, the US exported 43.6 mill tonnes of LNG, which represented a 1.8% y-o-y increase from the 42.8 mill tonnes shipped in 1H23; Australia shipped 41 mill tonnes in January/June 2024, up 0.8% y-o-y; while Qatar exported 38.7 mill tonnes, a 2.6% y-o-y decrease.

Russia shipped 15.9 mill tonnes in 1H24, up 6.1% y-o-y from 15 mill tonnes in 1H23, but well below the 17 mill tonnes exported in 1H22.

The European Union (EU27) remained the world's largest importer of LNG, importing 45.4 mill tonnes of LNG in 1H24, down 12.2% y-o-y, and accounting for 22% of global LNG imports.

Mainland China imported 39.1 mill tonnes during the period, up 17.5% y-o-y from 33.3 mill tonnes in 1H23; while Japan imported 33.2 mill tonnes, a rise of 1.3% y-o-y; South Korea imported 24.2 mill tonnes, up 1.7% y-o-y and India imported 13 mill tonnes, a rise of 31.7% y-o-y.

In contrast, the UK imported 4.2 mill tonnes in 1H24, down 60.6% y-o-y.

By far the biggest increase in demand over the last couple of years has come from Europe, the report said.

In terms of individual EU countries, France led the way with 26.4 mill tonnes, followed by Spain with 22.8 mill tonnes, 12.8 mill went to the Netherlands, 11.3 mill tonnes to Belgium, 10.7 mill to Italy, 4.5 mill to Portugal and 4.4 mill to Poland.

In the first nine months of last year, the EU imported 76.5 mill tonnes of LNG, which was 4.4% more than in the same period of 2022.

As for European suppliers, the largest source by far is the US. However, volumes peaked in 2023 and are now coming down.

For example, in the first six months of 2024, the EU imported 20.9 mill tonnes of LNG from the US, down 7.4% y-o-y from 22.6 mill tonnes recorded in 1H23.

Despite all the talk of sanctions, Russian volumes have not fallen, as in 1H24, the EU imported 8.8 mill tonnes of LNG from Russia, up by 14.8% y-o-y, compared to 7.7 mill tonnes in 1H23, and at an all-time high.

Most of the volumes (8.1 mill tonnes) arrived from NOVATEK's Yamal LNG's port of Sabetta.

In January/June 2024, Russia accounted for 19.4% of the EU's LNG imports.

Qatar is now in third place amongst top suppliers to the EU, with a 10.7% share, shipping 4.8 mill tonnes in 1H24, down 25.2% y-o-y.

August shipments

Meanwhile, the Netherlands was the top destination for US LNG shipped in August.

However, fewer than half of US shipments went to Europe for a third consecutive month, according to S&P Global Commodity Insights analysis.

Stronger demand in the Asia/Pacific region, combined with healthy natural gas storage inventories and weakening European demand, contributed to the trade flow dynamics during the month, with an open arbitrage window pushing US volumes toward Asia.

The Netherlands received 10 US LNG cargoes last month, followed by South Korea with nine; and China, India and Japan, with seven each, the data showed.

In August, Europe, including Turkey, received 43 US LNG cargoes, or less than 40% of the cargoes delivered during that month, but was an increase from the 35 US cargoes delivered to Europe in July.

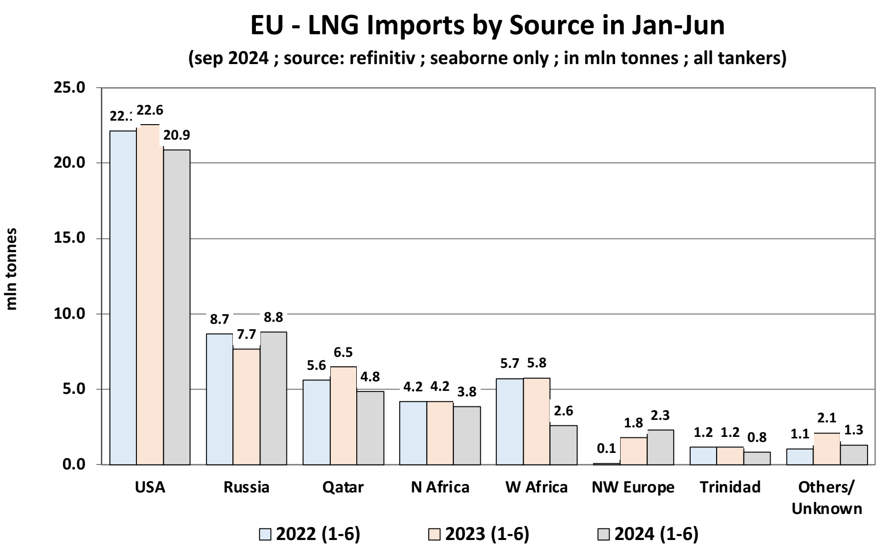
Even though Europe's robust storage inventories have suppressed demand, concerns about potential supply interruptions and the risk of a cold winter have contributed to price volatility in the market, S&P said.

EU member states are required to fill their storage sites to 90% capacity by 1st November, but had already hit that target by 19th August, according to Aggregated Gas Storage Inventory data.

The Netherlands, like France, offers options to European buyers, allowing them to send regasified LNG to storage, use it internally, or move it to a higher hub market.

In Asia, overall LNG imports saw a slight decrease in August, as lower-than-expected consumption weighed on demand.

Four US LNG cargoes bound for Asia last month transited the Panama Canal, compared to three in July. Two of those cargoes were sourced from Freeport LNG, one from Cameron, and another from Sabine Pass. ■



Source: Banchero Costa

LNG Shipping News
2 Prospect Road
St Albans AL1 2AX
United Kingdom
www.lngjournal.com
Tel: +44 (0)20 7253 2700

Publisher
Stuart Fryer

Editor
Ian Cochran
+44 (0)7748 144265
Iancochran74@gmail.com

Ad sales enquiries
David Jeffries
+44 (0)20 8150 5293
djeffries@lngjournal.com

Subscriptions
Stephan Venter
Tel: +44 (0) 20 7253 2700
venter@lngjournal.com

Production
Vivian Chee
Tel: +44 (0) 20 8995 5540
chee@thedigitalship.com

North American LNG exports to more than double

North America's LNG export capacity is on track to more than double between 2024 and 2028, according to the US Energy Information Administration (EIA).

Export capacity is set to rise from 11.4 bill cu ft per day in 2023 to 24.4 bill cu ft in 2028, providing projects currently under construction begin operations as planned.

During the period, the EIA expected developers in Mexico and Canada to place their first LNG export terminals into service and the US to add to existing LNG capacity.

By the end of 2028, it is estimated that LNG export capacity will grow by 0.8 bill cu ft per day in Mexico, 2.5 bill cu ft in Canada, and 9.7 bill cu ft per day in the US, helped by 10 new projects that are currently under construction in the three countries.

Mexican developers are currently building two projects with a combined LNG export capacity of 0.6 bill cu ft per day - Fast LNG Altamira offshore Mexico's east coast and Energía Costa Azul on Mexico's west coast.

Other LNG export projects are also planned, all on Mexico's west coast, including Saguaro Energia LNG (2 bill cu ft capacity), Amigo LNG (1 bill cu ft), Gato Negro LNG (0.6 bill cu ft), Salina Cruz LNG (0.4 bill cu ft), and Vista Pacifico LNG (0.5 bill cu ft capacity), with a combined total of 4.5 bill cu ft per day.

However, none of these projects have reached a final investment decision (FID) or have started construction.

Canadian developments

Canada currently has three LNG export projects with a combined capacity of 2.5 bill cu ft per day, all under development in British Columbia on Canada's west coast.

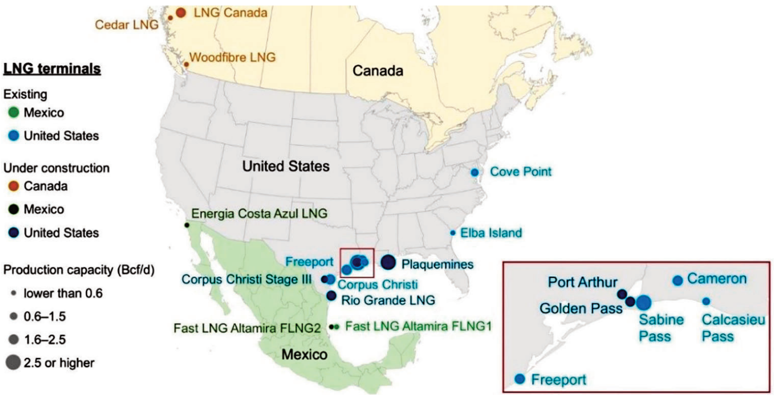
Developers of LNG Canada (1.8 bill cu ft per day capacity) plan to start LNG exports from Train 1 in the summer of 2025, while Woodfibre LNG (export capacity 0.3 bill cu ft) has targeted an LNG export startup in 2027 and Cedar LNG - an FLNG project with capacity to liquefy up to 0.4 bill cu ft per day - took FID in June, 2024 and expects to start LNG exports in 2028.

These projects will be supplied with natural gas from western Canada.

In addition, the Canada Energy Regulator (CER) has authorised four LNG export projects, including an expansion of LNG Canada, with a combined proposed LNG export capacity of 4.1 bill cu ft per day.

In the US, five LNG export projects are currently under construction with a combined export capacity of 9.7 bill cu ft per day - Plaquemines (Phase I and Phase II), Corpus Christi Stage III, Golden Pass, Rio Grande (Phase I), and Port Arthur (Phase I).

Developers expect to produce and ship the first LNG from Plaquemines LNG and Corpus Christi LNG Stage III by the end of 2024, the EIA said. ■



Source EIA

NEWS NUDGE

TMC to equip 17 LNGCs

HD Hyundai Heavy Industries has chosen TMC Compressors (TMC) to deliver a complete marine compressed air system to 17 LNGCs under construction for an undisclosed LNG shipping major.

"This is one of the biggest single contracts we have ever signed in terms of number of vessels. It is a proud moment for TMC and we look forward to collaborating with HD Hyundai Heavy Industries for these vessels. Energy efficiency is, as always, a key feature of our compressors," said Hans Petter Tanum, TMC's director of sales and business development.

TMC will supply a complete marine compressed air system, including control and service air compressors, to each vessel, which will be chartered by a national energy company.

TMC will manufacture the equipment at one of its European sites. ■

Veteran LNGC attempts the NSR

In a move thought to be aimed at overcoming Western sanctions, Russian LNG producer NOVATEK has reportedly sent the 21-year old non-Ice Class LNGC 'Everest Energy' to transit the Northern Sea Route (NSR).

It was thought that this was the first time a conventional LNGC has attempted to transit this route.

Sources claimed that 'Everest Energy' does not hold a permit by Russia's Arctic permitting authority, the NSR Administration. It is also sailing under a suspended Palauan flag, while its P&I insurance status was unknown.

'Everest Energy' has been named as part of Russia's increasing LNG shadow fleet and has since been sanctioned by the US Government along with other LNGCs.

She sailed from Arctic LNG 2 for a second time on 6th September. She has since entered the Kara Sea travelling east, according to ship tracking data.

Last week, the US Department of State announced the targeting of two entities and two vessels connected to attempts to export LNG from the sanctioned Arctic LNG 2 project.

The Department has sanctioned Indian-based Gotik Energy Shipping and Plio Energy Cargo Shipping.

The companies are allegedly the registered owner and commercial manager, respectively, of the LNGC 'New Energy'.

'New Energy' was said to have used deceptive shipping practices, including shutting off its automatic identification system (AIS), to load a cargo from Arctic LNG 2 via a ship-to-ship (STS) transfer on 25th August, 2024, with LNGC 'Pioneer', a vessel blocked by the US on 23rd August, 2024.

The US said it had also identified another vessel managed and operated by Plio Energy, the LNGC 'Mulan'. ■

Plaquemines gets the green light

Last Friday, US Federal regulators granted Venture Global LNG permission to begin preparations for the start-up of the LNG equipment at its Plaquemines export plant in Louisiana.

A loaded LNGC has been berthed at Plaquemines since late August, according to Venture Global LNG and data from LSEG.

Her cargo is expected to be used to cool down the equipment to enable the startup of initial operations.

Venture Global said it expects Plaquemines' first phase to begin exporting LNG later this year.

Meanwhile, replying to Shell's accusation of holding back LNG from companies that had signed long term offtake contracts, the company said: "Shell's paid propaganda targeting Venture Global recycles the same false accusations that have exhausted governments, regulatory agencies and the public on both sides of the Atlantic.

"To be clear, Venture Global is honouring its contractual obligations to its long term customers in strict conformity with its long term contracts," a company spokeswoman said on social media.

"Due to our ability to produce first LNG during construction, we have been uniquely positioned to bring incremental molecules into the market, which lowers prices, not raises them," she stressed, adding; "We have delivered when others have failed, especially Shell, which has been critical in keeping the global LNG market well supplied.

"Instead of devoting their time and resources disparaging Venture Global, perhaps Shell should focus on completing their long delayed facility in Canada, which leaves the market short of over 450 cargoes and will cost global customers and consumers, including Europe, an estimated $22 bill," she concluded.

Plaquemines has received the nod from FERC

Nigerian FLNG project comes closer

The Nigerian Midstream Petroleum Regulatory Authority (NMDPRA) has granted Nigeria's UTM Offshore consortium a 'license-to-construct', thus enabling the first FLNG in the country to be developed, both for domestic use and exports.

This project, to be located in OML 104 in Akwa Ibom State, is due to be commissioned in 2028 and will aim to process 324 mill cu ft per day of natural gas, including LPG and condensate, plus 2.8 mill tonnes of LNG per year.

Farouk Ahmed, NMDPRA CEO saw the development as a "significant milestone", which he said aligns with the gas expansion ambitions of the federal government, including the expansion of Nigeria's midstream gas facilities.

Nigerian President Bola Ahmed Tinubu gave his support when he met representatives of the joint venture partners, UTM FLNG, Technip Energies and JGC Corp, last year.

Speaking to the media after the meeting, leader of the delegation and UTM FLNG Group Managing Director (GMD), Julius Rone, said the FLNGs were being developed with the help of a $5 bill loan from Africa Export-Import Bank (AFRIEXIM).

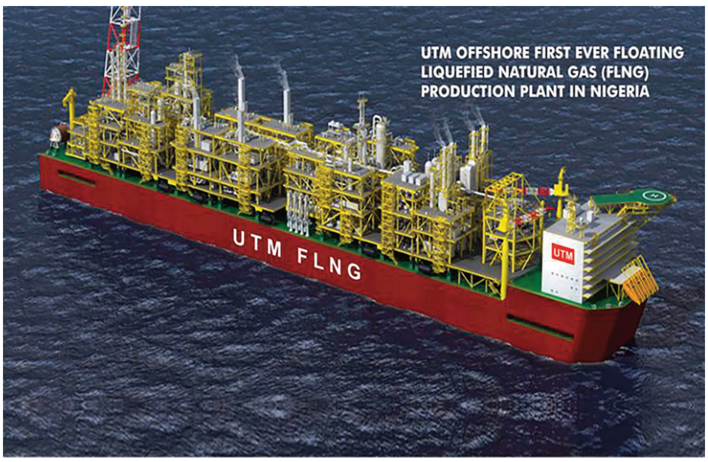
UTM Offshore is currently developing an FLNG to be located in the deepwater Yoho field offshore Nigeria, which is expected to produce 176 mill cu ft of gas per day.

To help achieve this, UTM had engaged Japan Gas Corp (JGC), Technip Energies and Kellogg, Brown & Root (KBR).

At the license signing ceremony in Abuja, Nigeria's Minister of State Petroleum Resources (Gas), Ekperipe Ekpo said the initiative was in line with President Tinubu's vision to transform the oil and gas sector.

Rone assured industry stakeholders that the company had all the processes in place to ensure a smooth start.

He also said UTM was ready to meet the targeted production capacity of 2.8 tonnes per annum by the fourth quarter of 2028.



We could soon be seeing these offshore Nigeria

NEWS NUDGE

GTT awarded tank design for eight more LNGCs

GTT has received two orders from two South Korean shipyards for the tank design of eight new LNGCs, both being built for an undisclosed shipowner.

The first order involves Samsung Heavy Industries with four LNGCs.

Each vessel will have a total capacity of 174,000 cu m and will be fitted with the Mark III Flex membrane containment system.

Their delivery is scheduled between the second and third quarters of 2028.

The second order, placed with another South Korean shipyard, also covers the construction of four 174,000 cu m LNGCs.

These vessels will be equipped with NO96 series membrane containment systems.

Their delivery is scheduled between the second and fourth quarters of 2028.

Half of 2025's Inkoo terminal capacity reserved

Half of Finland's Gasgrid operated Inkoo LNG terminal's available capacity for calendar year 2025 was reserved during the recent annual allocation process.

Inkoo's FSRU terminal has established itself as a key part of the Finnish energy market during its operation. As the clean transition progresses, the terminal will become even more important, Gasgrid said.

During the annual allocation process, 22 slots were offered for annual capacity reservations, of which 11 were reserved.

As per the terminal operator's rules, this process will proceed to the scheduling of the slots reserved for next year, which will be market driven in co-operation with the terminal's customers.

"Once the schedules are confirmed, we will publish the exact programme and at the same time, open the remaining spot slots for booking. We aim to make the announcement as soon as possible, but following terminal rules, no later than 25th November, 2024," explained Rasmus Hellman, the LNG terminal's Commercial Manager.

"At this stage, reservations have been made according to the number of slots and only at the scheduling stage will we see how the reserved slots will be scheduled for next year. The terminal hopes that the slots will be evenly distributed throughout the year," he added.

Inkoo offers capacity in slots corresponding to standardised LNG volumes and periods, ie, scheduled cargoes based on terminal vessel capacity and gas demand.

When terminal customers book capacity, they are in effect buying the terminal's LNG regasification service, which they have purchased on the global market and delivered to the terminal in LNGCs, Gasgrid explained.

In simple terms, capacity, ie slots, are allocated before the start of the calendar year through an annual capacity allocation procedure, or during the gas year through spot allocation.

The LNG will be vaporised at the terminal, after which it can be fed into the Finnish gas transmission network for the wholesale markets.

The terminal started commercial operations in January, 2023 and is operated by Gasgrid's subsidiary, Floating LNG Terminal Finland Oy.

Bangladesh to return to the spot market

Bangladesh is to resume purchasing LNG from the spot market.

The country's recently formed interim government has decided to import the fuel after a two-month hiatus, a senior Petrobangla official told S&P Global Commodity Insights last week.

Bangladesh's Committee on Economic Affairs approved a proposal by the energy and mineral resources division under the Ministry of Power, Energy and Mineral Resources, to import gas from a previously shortlisted 23 companies.

The interim government will follow the Public Procurement Rules 2008 (PPR-2008) to ensure competitiveness of the bidding process instead of the previous regime's Quick Enhancement of Electricity and Energy Supply (Special Provision) Act 2010 (Amended 2021), also known as the Speedy Act, the official added.

PPR-2008 allows bids to be invited from a select group of suppliers, previously identified through a screening process, to purchase LNG from the spot market, but no negotiations will be entertained once the new rule is applied, the official said.

Previously, state-owned Rupantarita Prakritik Gas would occasionally negotiate with the lowest bidders if the spot LNG prices were deemed to be too high by the evaluation committee, he added.

However, the offline Summit LNG terminal is a major roadblock to the resumption of spot LNG imports, and the company has not yet submitted a date for resuming operations at its 3.75 mill tonne per year FSRU, the official added.

Bangladesh had stopped issuing tenders for spot LNG in the first week of July, and 'Summit' FSRU has been offline since 30th May following an accident during Cyclone 'Remal'.

Summit FSRU is still offline

NEWS NUDGE

NFE receives non-FTA export authorisation

US based gas developer, New Fortress Energy (NFE) has received authorisation from the US Department of Energy (DoE) to export LNG to non-Free Trade Agreement (FTA) countries.

This concession applies from NFE's Fast LNG 1 unit located offshore Altamira, Mexico and will last for five years, which will allow the export of up to about 1.4 mill tonnes per annum.

In combination with the previously received FTA authorisation granted by the DoE, FLNG 1 is now able to export LNG to markets and customers worldwide.

Mukran comes online

Deutsche ReGas' Deutsche Ostsee LNG receiving terminal at Mukran commenced regular operations on 2nd September.

The LNGC 'Hellas Diana' discharged a cargo between Wednesday and Friday of last week.

This was claimed to be a 'world first' for a simultaneous LNG delivery into two interconnecting FSRUs (so-called triple banking).

The privately financed terminal has an LNG storage capacity of over 300,000 cu m and is the largest feed-in point of all the German LNG terminals with a firm capacity of 16 GWh/h, Deutsche Regas claimed.


KONGSBERG
We do more than secure your LNG operations; we build digital resilience for a sustainable future
Go beyond mere compliance
Our LNG cybersecurity experts turn regulations into a roadmap for proactive risk management, safeguarding your operations and reputation with custom-built security strategies.
kongsberg.com/maritime
/Patrolling /Protecting /Preserving /Empowering

Mexican LNG SPAs reported

Mexico Pacific, owner of the Saguaro Energía LNG facility and associated Sierra Madre Pipeline, has signed a sales and purchase agreement (SPA) with POSCO International Corp (POSCO), South Korea's largest energy trading company.

Under the terms of the SPA, POSCO will purchase 0.7 mill tonnes per annum of LNG on a free-on-board (FOB) basis for 20 years.

Both companies are evaluating additional opportunities to expand upon this commercial partnership, they said.

South Korea has a robust trade relationship with Mexico and is one of the only major economies in Asia that has a comprehensive free trade agreement (FTA) with the US.

Through further engineering in collaboration with its EPC contractors, Mexico Pacific has achieved significant optimisation outcomes this year, unlocking incremental LNG volumes that are financeable across global debt markets, the company said.

When operational, the first phase of the Saguaro Energía LNG facility in Puerto Libertad, Sonora, Mexico, will comprise three liquefaction trains and associated infrastructure.

The LNG facility will utilise abundant, low-cost natural gas from the Permian Basin in Texas, providing the lowest landed price of LNG into Asia globally, satisfying the world's growing energy needs and positioning Mexico as the world's fourth largest exporter of LNG, it was claimed.

"We are delighted to welcome POSCO International as a foundation customer, further validating the strategic value of west coast North American LNG for Korea, one of the world's largest LNG importing markets," said Sungbok Park, Mexico Pacific's Chief Marketing Officer. "We look forward to a lasting fruitful partnership with POSCO International and to delivering world-class infrastructure that strengthens global energy security, reduces emissions, and improves the lives of millions of people around the world."

Aiming for FID

With three liquefaction trains commercially contracted, strong support from governments and capital markets, and key federal, state, and municipal permits in place across the LNG project and the Sierra Madre pipeline, Mexico Pacific is aiming for a positive final investment decision (FID).

Together, these developments comprise the largest private investment in Mexico and a foundational pillar of the Sonora Plan that promotes clean energy development, investment, and economic prosperity for the region.

Mexico Pacific's core project, the 15 mill tonnes per annum Saguaro Energía LNG facility, is claimed to be the most advanced LNG development project on the West Coast of North America.

The project will achieve significant cost and logistical advantages resulting in the lowest landed price of North American LNG into Asia by leveraging low-cost natural gas sourced from the nearby Permian Basin and a significantly shorter shipping route avoiding Panama Canal transits.

In addition, Mexican gas developer, Amigo LNG, part of Singapore's LNG Alliance Group, has signed a binding heads of agreement (HoA) with OQ Trading, Oman's state-owned trading company, for the supply of LNG.

The LNG will be produced at Amigo's liquefaction plant at Guaymas, Sonora, Mexico.

This key move paves the way for long term LNG supply targeting the rapidly growing Asian market, Amigo said.

LNG Alliance CEO, Muthu Chezhian, explained: "Securing the offtake agreement with a leading NOC partner like OQT strengthens our position as a reliable and responsible global energy provider.

"We are advancing rapidly in delivering the strategically located Amigo LNG project, expanding our portfolio of lower carbon energy solutions to drive the energy transition, and we remain committed to supporting our customers and partners every step of the way," he said.

Wail Al Jamali, OQT CEO, added: "We are pleased to enter into this HoA with a trusted project developer in Amigo LNG.

"The offtake represents a significant step in the growth of our LNG portfolio, allowing us to deliver LNG to our customers within the Asia/Pacific region," he said.

Amigo LNG is a large scale 7.8 mill tonnes per annum liquefaction and export facility on Mexico's west coast, developed in close partnership with the State of Sonora and the Port of Guaymas in Sonora, Mexico. ■

India agrees another long term SPA with ADNOC

Yesterday, India and the United Arab Emirates (UAE) signed several agreements to enhance co-operation in the energy sector, plus other areas.

Indian Prime Minister, Narendra Modi, held wide-ranging talks with Abu Dhabi Crown Prince, Sheikh Khaled bin Mohamed bin Zayed Al Nahyan, during the latter's three-day visit to India.

One of the accords signed was between Abu Dhabi National Oil Company (ADNOC) and Indian Oil Corp (IOC) for the long-term supply of LNG.

Constituting the third long-term LNG supply deal signed by ADNOC with Indian energy companies in less than a year, the contract calls for the Abu Dhabi energy company to deliver 1 mill tonnes of LNG per year from the Ruwais natural gas project for 15 years.

Last year, ADNOC signed a deal with IOC to deliver 1.2 mill tonnes per annum of LNG.

Up to 49% of India's gas demand was met through imports during the April/July period of the current financial year. While gas meets only 6.2% of India's energy needs, the Government has been planning to raise this substantially in order to reduce the dependence on petroleum, local media said.

ADNOC also signed a memorandum of understanding (MoU) with the India Strategic Petroleum Reserve Limited (ISPRL), to explore additional opportunities for crude storage in India and the renewal of a storage and management agreement.

In another move, what was called a key move, a production concession agreement for the Abu Dhabi Onshore Block 1 was signed between Urja Bharat - a joint venture of IOC and Bharat Petro resources, and ADNOC.

The consortium holds a 100% interest in the exploration and appraisal of oil and gas reserves in the 6,162 sq km block around Ruwais. ■

BOTAŞ to purchase Shell LNG

Türkey's state owned energy company, BOTAŞ has signed a 10-year deal with Shell International Trading Middle East for the supply of up to 4 bill cu m of LNG per year.

The LNG will be supplied from Shell's US and global portfolio, with deliveries starting in 2027.

BOTAŞ said that the agreement will allow the company to expand its LNG imports and utilise its extensive terminal and pipeline infrastructure to help Türkey to diversify its gas resources and become a major regional gas hub.

The agreement was signed by Abdulvahit Fidan, BOTAŞ Chairman and General Manager, and Tom Summers, Senior Vice President of Shell LNG Marketing and Trading.

At the signing ceremony, Turkey's Minister of Energy and Natural Resources, Alparslan Bayraktar, said: "Our goal in natural gas, 99% of which we imported until the discovery of Black Sea gas, is to diversify the supply side and offer natural gas to our citizens and industry in a more competitive and affordable rate. In this context, we have strengthened our infrastructure with international pipelines, LNG terminals and underground storage projects.

"The LNG supply agreement signed with Shell today will increase the diversity and flexibility of our portfolio. We are also pleased that BOTAŞ will acquire new capabilities in the field of LNG transport via ships by receiving the LNG at the loading port within the scope of the agreement.

"Such agreements make significant contributions to the supply security of not only our country but also the region," he said.

Wael Sawan, Shell CEO, added: "Building on 100 years of Shell in Türkey, we are pleased to work with BOTAŞ and supply LNG as it diversifies Türkey's sources of natural gas. LNG offers a flexible and reliable source of energy and has a vital role to play in the transition to a lower carbon energy system.

"Shell plans to grow its LNG business by 20-30% by 2030, compared with 2022, strongly positioning the company to deliver value as we move towards becoming a net-zero emissions energy business by 2050," he concluded. ■

Santos to supply LNG to Glencore

Australian gas plant developer, Santos has signed a mid-term LNG supply contract with Glencore Singapore.

The contract calls for the supply of 19 LNG cargoes, or up to about 0.5 mill tonnes of LNG per annum for three years plus a quarter, commencing in the fourth quarter of 2025.

The LNG will be supplied from Santos' global portfolio of LNG assets on a delivered ex-ship (DES) basis.

Santos' Managing Director and CEO, Kevin Gallagher said the contract with Glencore is an extension of the existing strong business relationship and a great opportunity for both Santos and Glencore to leverage their expertise in Asian LNG markets.

"This oil-indexed contract along with the recently executed long-term LNG sales and purchase agreement with Hokkaido Gas in Japan demonstrates Santos' strong LNG portfolio position and customer relationships in the region.

"There continues to be extremely strong demand in Asia for high heating value LNG from projects, such as Barossa and PNG LNG. Santos is committed to supporting the energy security of our valued customers across Asia," he said. ■

GAIL to increase LNG imports

Indian state-owned gas utility GAIL (India) is to increase its LNG imports from 2026.

The company has signed two 10-year supply agreements with Vitol Asia and ADNOC Gas, totalling 1.5 mill tonnes per annum.

"As a leading natural gas player, your company recognises the importance of ensuring supply security," said GAIL Chairman, Sandeep Kumar Gupta at the company's recent AGM. "In this direction, we have signed two 10-year LNG supply agreements."

GAIL has also added a new LNGC to its fleet, under a charter.

India imports roughly half of its gas needs, and GAIL operates several LNG import facilities across the country.

The company is also exploring opportunities to invest in a US-based LNG projects and has renewed a supply agreement with QatarEnergy LNG.

GAIL is also expanding its presence in the petrochemical industry, investing in projects to produce polypropylene, PTA and isopropyl alcohol.

In addition, GAIL is seeking to set up an ethane cracker and a coal gasification project. ■

NEWS NUDGE

Two bond issues priced

FLNG owner, Golar LNG and Australian oil and gas developer, Woodside Energy have announced the pricing of their respective bond issues.

Golar has priced $300 mill in senior unsecured bonds in the Nordic bond market. They will mature in September, 2029 and bear interest at 7.75% per annum.

Net proceeds will be applied towards capital expenditure, refinancing of debt and general corporate purposes.

An application will be made for the bonds to be listed on the Oslo Stock Exchange.

DNB Markets and Pareto Securities acted as Global Co-ordinators and Joint Bookrunners, and Clarksons Securities and Fearnley Securities as Joint Bookrunners in the issue.

Woodside Energy also conducted a bond offer and successfully priced $2 bill of senior unsecured bonds in the US market.

These bonds will be issued by Woodside Finance Limited, a wholly owned subsidiary of Woodside Energy Group, under the Registration Statement which was filed with the US Securities and Exchange Commission (SEC) on 29th February, 2024.

They will be guaranteed by the Woodside Energy Group.

The offering consists of $1.25 bill of 10-year bonds with a coupon of 5.1% and $0.75 bill of 30-year bonds with a coupon of 5.7%. The funds will be used for general corporate purposes.

Settlement is expected to occur on 12th September, 2024, subject to customary closing conditions. ■


CBS THE BLUE MBA
COPENHAGEN BUSINESS SCHOOL
"OUR AMBITIOUS GOAL IS TO HELP THE INDUSTRY ACTIVELY IDENTIFY, GROOM AND RECRUIT THE NEXT GENERATION OF SHIPPING LEADERS AND BUILD A VIBRANT AND CREATIVE BUSINESS COMMUNITY."
Irene Rosberg,
Programme Director
The Blue MBA
EXECUTIVE MBA
IN SHIPPING AND LOGISTICS
(THE BLUE MBA)
A unique industry needs a unique MBA. Take your career to the very top international level by joining the world's premier Executive MBA designed specifically for shipping and logistics professionals.
To learn more about our programme, contact the CBS Blue MBA Director, Irene Rosberg at ir.mba@cbs.dk or request a brochure from our website.
CBS.DK/BLUEMBA
EQUIS ACCREDITED
AACSB ACCREDITED
ASSOCIATION OF MBAS ACCREDITED

CoolCo's operating revenues take a tumble

New LNGC charters could boost Cool Company's (CoolCo) results going forward.

The first was a 14-year charter to GAIL (India) signed during the second quarter of this year for one of the two MEGA LNGCs currently under construction at Hyundai Samho, while the second was a one-year timecharter agreement for a TFDE vessel starting in 3Q24 with an energy major.

CoolCo also participated in two formal processes for 'Kool Tiger', the other MEGA LNGC under construction.

In 2Q24, the LNGC owner generated total operating revenues of $83.4 mill, compared to $88.1 mill for the previous quarter, primarily related to a drawn-out drydocking, lower rates on a single variable charter and lower vessel management fees, as contracts came to an end, partly offset by two vessels rolling over to higher rates.

Net income for 2Q24 was $26.5 mill, compared to $36.8 mill for the first quarter. The decrease was primarily related to a reduced unrealised gain on the company's mark-to-market interest rate swaps.

Higher TCEs

During the quarter, CoolCo achieved average timecharter equivalent earnings (TCE) of $78,400 per day, compared to $77,200 per day for 1Q24, which was supported by full quarter contributions from two vessels that recently started higher rate charters.

Adjusted EBITDA was $55.7 mill for 2Q24, compared to $58.5 mill for the previous quarter.

In the period, CoolCo completed its first drydocking in 43 days and subsequently finished two more drydockings in a timely manner in 3Q24, taking 21 and 20 days, respectively. A fourth drydocking, which includes an LNGe upgrade, is scheduled for completion in 4Q24 and is expected to take 45 days.

For 2Q24, the company declared a quarterly dividend of $0.41 per share, payable to shareholders of record on 9th September, 2024.

CEO Richard Tyrrell, commented: "During Q2 and the early part of Q3, CoolCo has taken advantage of the seasonally quieter months to complete drydockings and secure additional forward charter cover for both the relative short term and the long term.

"Our TCE performance for the second quarter increased to $78,400 per day, as the seasonal impact on our one market-linked charter was more than offset by the full-quarter contributions from two vessels that recently began improved timecharters.

"CoolCo navigated the flat chartering market since our last reporting through a back-to-back 12-month charter that increased its backlog to $1.8 bill. Despite the continuing market volatility, geopolitical uncertainty and focus on energy security that continues to figure prominently in the LNG market, several charterers are adopting short shipping strategies that have the potential to spur sudden demand.

"Meanwhile, high gas inventories in Europe are increasingly driving LNG shipments longer haul to a diverse set of Asian markets, supporting tonne/mile demand and causing the global LNG carrier fleet to be under represented in the Atlantic Basin ahead of the winter market.

"We look forward to taking delivery of our two state-of-the-art newbuildings later this year, one of which has already secured a 14-year timecharter to service the fast-growing Indian LNG market. Following our recent chartering activity, our fleet is now largely fixed through the medium term.

"We are focused on securing additional coverage for our limited charter market exposure in 2024/25, while maintaining the flexibility to benefit from the substantial market tightening we anticipate as vast new LNG volumes come online in 2025/26.

CoolCo's Tyrrell reports a drop in revenue

"Due to full charter coverage and improved drydocking performance, we expect a moderate increase in TCE rate and time and charter voyage revenues for the third quarter compared to the second quarter," he said.

At the end of 1Q24, the company closed the upsize of the existing $520 mill term loan facility maturing in May, 2029 in anticipation of the maturity of the two existing sale & leaseback facilities ('Kool Ice' and 'Kool Kelvin') during the first quarter of 2025.

As of 30th June, 2024, CoolCo had cash and cash equivalents of $84.4 mill and total short and long-term debt, net of deferred finance charges, amounting to $1,002.4 mill.

Total contractual debt stood at $1,108.3 mill, which is comprised of $466.2 mill in respect of the $570 mill bank facility maturing in March, 2027, $442.5 mill in respect of the $520 mill term loan facility maturing in May, 2029, $159.6 mill of sale and leaseback financing in respect of the two vessels maturing in 1Q25 ('Kool Ice' and 'Kool Kelvin') and $40 mill in respect of the newbuildings' financing. ■

MET delivers 100th cargo to Krk terminal

Swiss-based integrated energy company, the MET Group, has delivered its 100th LNG shipment to the Croatian Krk LNG Terminal.

This event highlighted the key role of MET, together with its local subsidiary, MET Croatia Energy Trade, in strengthening the security of supply of both Croatia and the wider European region, the company claimed.

"In addition to the 100th delivery, we are pleased that we had the opportunity to bring in the initial, 'zero' ship, planting a strong foundation for the future operations of the terminal.

"We are proud to be one of the leaders in this important project, providing reliable energy solutions to end customers and the wholesale market, thereby fostering economic development.

"Our commitment to remaining a key player in the Croatian energy sector is demonstrated by our lease of substantial regasification capacities at the Krk LNG terminal until October, 2032," said Mario Matković, MET Croatia Energy Trade CEO.

MET has long-term regasification capacity reservations in Germany, Croatia and Spain, and has imported into eight different countries in recent years – including the Mediterranean (Greece, Italy, Croatia, Spain), Northwest Europe (UK, Belgium, Germany) and the Nordic region (Finland).

Last year, MET delivered more than 30 cargoes of LNG into Europe. ■

Dynagas reduces debt levels

Dynagas LNG Partners has reported a net income and earnings per common unit (basic and diluted) of $22.5 mill and $0.43, respectively for the first half of this year.

Adjusted net income was $24.7 mill and adjusted earnings per common unit was $0.50, while adjusted EBITDA came in at $57.6 mill.

The LNGC fleet operated at 100% utilisation during 1H24.

For the third quarter, net income and earnings per common unit (basic and diluted) were $10.7 mill and $0.20, respectively; Adjusted net income was $12.4 mill and adjusted earnings per common unit was $0.25. Adjusted EBITDA was $28.6 mill.

Dynagas declared and paid a cash distribution of $0.5625 per unit on the Partnership's series A preferred units for the period from 12th February, 2024 to 11th May, 2024 and $0.698533750 per unit on the series B preferred units from 22nd February, 2024 to 21st May, 2024.

On 19th June, 2024, the Partnership signed sale and leaseback agreements with subsidiaries of China Development Bank Financial Leasing (CDBL) for the lease financing of a total amount of $345 mill for four of six LNGCs.

On 27th June, 2024, proceeds received under the lease financing agreements, together with available cash, were used to fully prepay outstanding amounts under the $675 mill credit facility, which was scheduled to mature in September, 2024.

CEO, Tony Lorentzen, said: "In the second quarter of 2024, we reported a net income of $10.7 mill, with earnings per common unit of $0.20. Adjusted EBITDA and Adjusted Net Income reached $28.6 mill and $12.4 mill, respectively.

"All six LNG carriers in our fleet are currently operating under long-term charters with international gas companies. These contracts have an average remaining term of 6.4 years. Assuming no unforeseen events, the Partnership expects no vessel availability until 2028.

"As of 10th September, 2024, our estimated contract backlog stands at approximately $1.04 bill, equating to an average of about $173 mill per vessel.

"We are also pleased to announce new lease financing agreements with China Development Bank Financial Leasing for four of our LNG carriers.

"The $345 mill financing, along with $63.7 mill from the Partnership's existing cash reserves, was used to fully repay amounts outstanding under our previous credit facility of $408.7 mill on 27th June, 2024, ahead of its schedule maturity in September, 2024.

"Following a sustained period of strategic deleveraging, we now have substantially reduced our debt levels and secured a more flexible financing structure. With two of our LNG carriers now debt-free, we believe the Partnership is well-positioned for the next phase of growth and development," he said.

Due to the ongoing Russian conflict with Ukraine, the US, European Union (EU), Canada and other Western countries and organisations have announced and enacted numerous sanctions against Russia to impose severe economic pressure on the Russian economy and government.

As of today, Current US and EU sanctions regimes do not materially affect the business, operations or financial condition of the Partnership and, to the its knowledge, its counterparties are currently performing their obligations under their respective timecharters in compliance with applicable US and EU rules and regulations. ■

NEWS NUDGE

Ships - Newbuildings, deliveries, charters

QatarEnergy has signed a contract with China State Shipbuilding Corp (CSSC) to build another six QC-Max LNGCs.

This brings the total number of LNG vessels on order under its fleet expansion programme to 128, including 24 QC-Max vessels, the Qatari energy giant said.

The QC-Max vessels, which will be built at China's Hudong-Zhonghua Shipyard, a wholly-owned CSSC subsidiary, are the largest LNGCs yet built with a capacity of 271,000 cu m.

They are scheduled to be delivered between 2028 and 2031.

The 24 Q-Maxes have a value of around $8 bill.

On 9th September, 2024, COSCO Shipping Energy's Board approved the construction of two 175,000 cu m LNGCs through its subsidiary Shanghai COSCO Shipping LNG Investment, according to Xinde Marine News.

They will be built at Dalian Shipbuilding Industry (DSIC) for around $509 mill in total.

The two LNGCs will be built by the newly established subsidiaries, Yuanxing LNG Transportation and Yuanzhi LNG Transportation, each with a registered capital of $76.5 mill.

Elsewhere, Celsius has announced the delivery of its latest 180,000 cu m LNGC, 'Celsius Greenwich', from Samsung Heavy Industries.

She is the 9th LNGC delivered by Samsung Heavy Industries to Celsius Shipping in just four years, the company said.

Last month, Hanwha Ocean Shipyard delivered the 'GasLog Italy' to GasLog.

'GasLog Italy' is one of four newbuilding 174,000 cu m LNGCs that Hanwha is scheduled to deliver to GasLog this year and next.

The vessel is powered by two HP-2S MEGI engines and equipped with two shaft generators, an air lubrication system (ALS) and a full reliquefaction system (FRS).

QatarEnergy has held a naming ceremony for the first two conventional LNGCs under its huge shipbuilding programme at the Hudong-Zhonghua Shipyard in Shanghai, China.

The first ship was named 'Rex Tillerson' after the former Chairman and CEO of ExxonMobil, while the second was named 'Umm Ghuwailina'.

The two ships, which are part of 12 conventional-sized LNGCs contracted with the Hudong-Zhonghua Shipyard, are due to be delivered ahead of schedule under a long-term charter to QatarEnergy Trading (QET).

Meanwhile, BW LNG has signed of a 10-year charter with Jordan's National Electric Power Company (NEPCO), to deploy an FSU.

In addition, NEPCO will acquire ownership of the vessel at the end of the charter period.

She will be moored at Sheikh Sabah LNG terminal, Aqaba for the 10 year period.

The LNGC will undergo conversion to an FSU ahead of the charter and is expected to start operations during third or fourth quarters of 2026.

She is one of 34 vessels in BW LNG's fleet, which includes four FSRUs and four newbuildings. ■


ICARIA® SERVICE PROGRAM
YOUR COMPLIANCE SOLUTION FOR MEG4
samson
Samson
INSPECTIONS
LINE MANAGEMENT
RESOURCES
CONTACT US
CONTACT

Silverstream hits a milestone with large order

Maritime clean technology developer, Silverstream Technologies has surpassed 200 orders for its air lubrication system (ALS) with the latest confirmed contract.

The patented Silverstream System will be installed on board 18 newbuilding 271,000 cu m QC-Max class LNGCs, which will be chartered by a global energy company, believed to be NAKILAT and owned and operated by shipping majors.

Silverstream's current orderbook includes 57 LNGCs, spans nine vessel segments, and includes 20 repeat customers, including seven major shipowners and 13 of the world's largest shipyards.

The company also has 82 systems in operation on board the existing fleet.

Over the total lifetime of all contracted vessels, Silverstream estimated that its ALS technology will save its current customers almost $5 bill in fuel costs and prevent the emission of over 19 mill tonnes of CO2.

In addition, this CO2 reduction is projected to save about $2 bill through existing carbon tax systems.

The newbuildings are the first 271,000 cu m LNGCs to be wholly designed, build, maintained and serviced in China.

Noah Silberschmidt, Founder & CEO, Silverstream Technologies, said: "Silverstream was founded in 2010 with a vision to have a positive impact on shipping's decarbonisation journey.

"Surpassing over 200 orders is a significant milestone for us, highlighting the tangible emissions and cost savings we have delivered for shipowners and operators.

"This achievement also demonstrates the meaningful impact we are making on the industry's green transition. Our market-leading Silverstream System is fast becoming a standard choice on newbuilding vessels and a leading retrofit option, improving vessel efficiency and sustainability," he said.

Fuel efficiency

As the shipping industry's de-carbonisation transition progresses, evolving regulatory and market drivers are strengthening the rationale for adopting vessel fuel efficiency solutions.

LNGCs could fall into non-compliant categories (D and E) of the IMO's Carbon Intensity Indicator (CII) framework, largely because of the way in which they handle boil-off gas (BOG).

Meanwhile, the EU's Emissions Trading System (ETS) is adding a progressive cost to emissions, increasing in scope from 40% of emissions in 2024 to 70% in 2025 and 100% in 2026.

Technologies such as the Silverstream System not only lower fuel consumption and emissions, but also help to cut the costs of regulatory compliance. ■

ABB's permanent magnet shaft generators to power 15 LNGCs

ABB has won an order from Samsung Heavy Industries (SHI) to equip 15 LNGCs with a permanent magnet shaft generator.

The 174,000 cu m capacity ships are due for delivery between mid-2026 and August 2028 to several owners on behalf of charterer QatarEnergy.

This is SHI's largest LNG fleet project involving permanent magnet shaft generator systems, and is also the South Korean yard's single largest order for LNGCs.

ABB permanent magnet shaft generator technology enhances operational efficiency of the vessels by utilising the power from the shaft and main engine, resulting in better fuel economy, compared to receiving the power from high-speed, fuel-intensive auxiliary engines.

In addition, the generator is optimised for converter control, enabling better efficiency than either induction or electrically excited synchronous machines can offer at full and partial load.

According to ABB's estimation, this helps to cut ship fuel costs by up to 4%. Working with ABB's ACS880 converter and control system with D/C Link, the technology can increase fuel efficiency by a further 1%.

Integrating the technology with power, control and automation across multiple ship functions enhances energy efficiency and as a result, helps reduce emissions. This aligns with the IMO's de-carbonisation targets, using measures like the Energy Efficiency Design Index (EEDI), the Energy Efficiency Existing Ship Index (EEXI) and the Carbon Intensity Indicator (CII).

"The scale of this order suggests that key LNG stakeholders now recognise permanent magnet shaft generator system benefits that are widely accepted by owners in the containership, oil tanker and bulk carrier markets," said Michael Christensen, Global Segment Responsible for Cargo, ABB Marine & Ports.

"The agreement further strengthens our position in the cargo segment and emphasises our commitment to helping the shipping industry enhance fuel efficiency, reduce costs and reduce emissions in line with environmental regulations. We look forward to working with Samsung and QatarEnergy during implementation and beyond," he said. ■

Monthly Large LNGC Values*

Newbuildings (174,000 cu m)	$270.03 mill
Five years old (174,000 cu m)	$233.17 mill
Total Fleet (604 ships)	$103.12 bill
Orderbook (375 ships)	$103.74 bill

**Source: VesselsValue (23/08/24)*

**The above is updated each month courtesy of VesselsValue*

LNG rate assessments

Spot market (155,000-165,000 cu m)

Region	This week	Change*
East of Suez	$60,000	-
West of Suez	$40,000	-$5,000
12 mos T/C	$57,000	-$3,500

**Since last report (29/08/24)* *Source: Fearnleys (11/09/24)*

Marine Fuel Gas Supply Systems

LNG, LH2 and Methanol

sales@cryonorm.com
www.cryonorm.com
+31-172-418080

cryonorm

WORLD LNG CARRIER ORDERBOOK

Name	Owners	Yard	Capacity	Propulsion	Ordered Date	Delivery Date
Apostolos	Capital Gas	Hyundai Heavy	174,000	ME-GA	01/11/2021	01/07/2024
North Light	MOL	Hanwha Ocean	174,000	ME-GA	01/09/2021	01/07/2024
Ilya Mechnikov	MOL, COSCO	Hanwha Ocean	172,500	TFDE - Azipod	01/08/2020	01/07/2024
Venture Bayou	JP Morgan	Samsung	174,000	ME-GA	01/12/2021	01/07/2024
Celsius Greenwich	Celsius Shipping	Samsung	180,000	ME-GA	01/08/2021	01/07/2024
Nikolay Basov	MOL, COSCO	Hanwha Ocean	172,500	TFDE - Azipod	01/08/2020	01/07/2024
Daewoo 2524	MOL	Hanwha Ocean	174,000	ME-GA	01/09/2021	01/07/2024
Daewoo 2527	MOL	Hanwha Ocean	174,000	ME-GA	01/10/2021	01/07/2024
Daewoo 2528	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/11/2021	01/08/2024
Pyotr Stolypin	Smart LNG	Zvezda SSK	172,600	TFDE - Azipod	01/09/2019	01/08/2024
Alexey Kosygin	Smart LNG	Zvezda SSK	172,600	TFDE - Azipod	01/09/2019	01/08/2024
Nantes Knutsen	Knutsen	Hyundai Samho	174,000	ME-GA	01/12/2020	01/08/2024
Celsius Grenada	Celsius Shipping	Samsung	180,000	ME-GA	01/08/2021	01/08/2024
Gaslog Italy	GasLog	Hanwha Ocean	174,000	MEGI	01/01/2022	01/08/2024
Athos Lng	TMS Cardiff Gas	Samsung	174,000	ME-GA	01/04/2022	01/08/2024
Sergei Witte	Smart LNG	Zvezda SSK	172,600	TFDE - Azipod	01/09/2019	01/08/2024
Daewoo 2525	MOL	Hanwha Ocean	174,000	ME-GA	01/09/2021	01/08/2024
Kool Tiger	Cool Co	Hyundai Samho	174,000	ME-GA	01/06/2022	31/08/2024
Orion Iris	JP Morgan	Samsung	174,000	ME-GA	01/10/2021	01/09/2024
Samsung 2474	Maran Gas Maritime	Samsung	174,000	XDF	01/05/2021	01/09/2024
Maran Gas Nice	Maran Gas Maritime	Samsung	174,000	XDF	01/05/2021	01/09/2024
Rex Tillerson	MOL, COSCO	Hudong-Zhonghua	175,000	XDF	01/10/2021	01/09/2024
Lev Landau	Hanwha Ocean	Hanwha Ocean	172,500	TFDE - Azipod	01/08/2020	01/09/2024
Zhores Alferov	Hanwha Ocean	Hanwha Ocean	172,500	TFDE - Azipod	01/08/2020	01/09/2024
Pyotr Kapitsa	Hanwha Ocean	Hanwha Ocean	172,500	TFDE - Azipod	01/08/2020	01/09/2024
Marvel Phoenix	GasLog	Hanwha Ocean	174,000	MEGI	01/01/2022	01/09/2024
Marvel Dove	SK Shipping	Hyundai Samho	174,000	ME-GA	01/01/2022	01/09/2024
New Brave	Pan Ocean	Hyundai Heavy	174,000	XDF	01/12/2020	01/09/2024
Daewoo 2536	MOL	Hanwha Ocean	174,000	ME-GA	01/01/2022	01/10/2024
North Valley	MOL	Hanwha Ocean	174,000	ME-GA	01/09/2021	01/10/2024
Id'asah	JP Morgan	Samsung	174,000	ME-GA	01/10/2021	01/10/2024
New Nature	Pan Ocean	Hyundai Heavy	174,000	XDF	01/12/2020	01/10/2024
New Green	Pan Ocean	Hyundai Heavy	174,000	ME-GA	01/07/2021	01/10/2024
Daewoo 2529	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/11/2021	01/11/2024
Samsung 2604	NYK	Samsung	174,000	XDF	01/12/2021	01/11/2024
Orion Sinead	JP Morgan	Hyundai Heavy	174,000	XDF	01/12/2020	01/11/2024
Puteri Mahsuri	Hyundai LNG Shipping	Hyundai Heavy	174,000	XDF	01/07/2021	01/11/2024
Kool Panther	Cool Co	Hyundai Samho	174,000	ME-GA	01/06/2022	01/12/2024
Umm Ghuwailina	MOL, COSCO	Hudong-Zhonghua	175,000	XDF	01/10/2021	01/12/2024
Lng Ping Hu	Zhejiang Huaxiang	Jiangsu Yixiang	78,900	XDF	01/07/2023	01/12/2024
Umm Swayyah	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean	74,000	ME-GA	01/06/2022	01/12/2024
Samsung 2603	H-Line, Pan Ocean, SK Shipping	Samsung	174,000	ME-GA	01/01/2022	01/12/2024
Samsung 2602	H-Line, Pan Ocean, SK Shipping	Samsung	174,000	ME-GA	01/01/2022	01/12/2024
Nuaijah	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/12/2024
New Oasis	Pan Ocean	Hyundai Heavy	174,000	ME-GA	01/07/2021	01/12/2024
Samsung 2597	JP Morgan	Samsung	174,000	ME-GA	01/10/2021	01/12/2024
Jiangnan H2700	ADNOC	Jiangnan	175,000	XDF	01/03/2022	01/01/2025
Josef Pilsudski	Knutsen	Hyundai Samho	174,000	ME-GA	01/03/2022	01/01/2025
Samsung 2595	JP Morgan	Samsung	174,000	ME-GA	01/10/2021	01/01/2025
Samsung 2601	JP Morgan	Samsung	174,000	ME-GA	01/12/2021	01/01/2025
Lebrethah	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/01/2025

DFDE = dual fuel diesel engines, STRH = steam turbine reheat / ultra steam turbine, MEGI = marine electric gas injection, DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 29 July 2024

Fearnley LNG

Name	Owners	Yard	Capacity	Propulsion	Ordered Date	Delivery Date
Samsung 2598	Celsius Shipping	Samsung	180,000	ME-GA	01/12/2021	01/01/2025
Al-kheesah	Pan Ocean, SK Shipping, H-Line	Samsung	174,000	ME-GA	01/09/2022	01/01/2025
Puteri Mayang	Hyundai LNG Shipping	Hyundai Heavy	174,000	XDF	01/07/2021	01/01/2025
Samsung 2612	Pan Ocean, SK Shipping, H-Line	Samsung	174,000	ME-GA	01/09/2022	01/02/2025
Puteri Sabah	SK Shipping	Hyundai Heavy	174,000	ME-GA	01/05/2022	01/02/2025
Al-kharrarah	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/02/2025
Daewoo 2559	SK Shipping, Pan Ocean, H-Line	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/02/2025
Venture Acadia	Venture Global LNG	Hanwha Ocean	174,000	MEGI	01/11/2021	01/03/2025
Ignacy Jan Paderewski	Knutsen	Hyundai Samho	174,000	ME-GA	01/03/2022	01/03/2025
Hudong-zhonghua H1792a	MOL, COSCO	Hudong-Zhonghua	175,000	XDF	01/10/2021	01/03/2025
Al-slaimi	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/03/2025
Puteri Sarawak	SK Shipping	Hyundai Heavy	174,000	ME-GA	01/05/2022	01/03/2025
Hudong-zhonghua H1836a	ULT	Hudong-Zhonghua	174,000	XDF	01/12/2021	01/03/2025
Clean Mistral	Dynagas	Hyundai Heavy	200,000	ME-GA	01/03/2022	01/03/2025
Hl Alyssa Warner	H-Line	Samsung	174,000	ME-GA	01/02/2022	01/03/2025
Hyundai Samho 8049	NYK	Hyundai Samho	174,000	XDF	01/08/2022	01/03/2025
Samsung 2634	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/04/2025
HL Fortuna	H-Line	Hyundai Samho	174,000	XDF	01/01/2022	01/04/2025
Clean Levant	Dynagas	Hyundai Heavy	200,000	ME-GA	01/03/2022	01/04/2025
Venture Creole	Venture Global LNG	Hanwha Ocean	174,000	MEGI	01/11/2021	01/05/2025
Mareekh	Knutsen	Hyundai Heavy	174,000	XDF	01/06/2022	01/05/2025
Hudong-zhonghua H1793a	MOL, COSCO	Hudong-Zhonghua	175,000	XDF	01/10/2021	01/05/2025
Samsung 2599	Celsius Shipping	Samsung	180,000	ME-GA	01/12/2021	01/05/2025
Hl Edward Austin	H-Line	Samsung	174,000	ME-GA	01/02/2022	01/05/2025
Daewoo 2561	Pan Ocean, SK Shipping, H-Line	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/05/2025
Jiangnan H2701	ADNOC	Jiangnan	175,000	XDF	01/03/2022	01/05/2025
Wadi Al Syl	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/06/2025
Mesaieed	Knutsen	Hyundai Heavy	174,000	XDF	01/06/2022	01/06/2025
Hl Sea Eagle	H-Line	Samsung	174,000	ME-GA	01/02/2022	01/06/2025
Daewoo 2562	SK Shipping, Pan Ocean, H-Line	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/06/2025
Zoe Knutsen	Knutsen	Hyundai Samho	174,000	ME-GA	01/07/2021	01/07/2025
Hyundai Samho 8188	SK Shipping	Hyundai Samho	174,000	ME-GA	01/05/2022	01/07/2025
Daewoo 2541	Venture Global LNG	Hanwha Ocean	200,000	ME-GA	01/03/2022	01/07/2025
Samsung 2637	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/07/2025
Orion Hugo	JP Morgan	Hyundai Heavy	174,000	ME-GA	01/07/2021	01/07/2025
Samsung 2631	H-Line	Samsung	174,000	ME-GA	01/05/2022	01/07/2025
Daewoo 2534	GasLog	Hanwha Ocean	174,000	MEGI	01/01/2022	01/08/2025
Hyundai Ulsan 3395	K-Line, MISC, NYK, China LNG Shipping	Hyundai Heavy	174,000	XDF	01/08/2022	01/08/2025
Nikolay Semenov	MOL, COSCO	Hanwha Ocean	172,500	TFDE - Azipod	01/08/2020	01/08/2025
Samsung 2638	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/08/2025
Hyundai Samho 8189	SK Shipping	Hyundai Samho	174,000	ME-GA	01/05/2022	01/08/2025
Hudong-zhonghua H1881a	MOL	Hudong-Zhonghua	174,000	XDF	01/01/2022	01/08/2025
Daewoo 2566	Meiji Shipping	Hanwha Ocean	174,000	XDF	01/09/2022	01/08/2025
Sea Spirit	China Merchant	Dalian Shipbuilding	175,000	XDF	01/04/2022	01/09/2025
Daewoo 2537	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/01/2022	01/09/2025
Al Zour	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/09/2025
Orion Gauguin	JP Morgan	Hyundai Heavy	174,000	ME-GA	01/07/2021	01/09/2025
Hudong-zhonghua H1797a	K-Line, MISC, NYK, China LNG Shipping	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/09/2025
Samsung 2640	JP Morgan	Samsung	174,000	ME-GA	01/09/2022	01/09/2025
Daewoo 2550	MOL	Hanwha Ocean	174,000	ME-GA	01/04/2022	01/09/2025
Hl Puffin	H-Line	Samsung	174,000	ME-GA	01/02/2022	01/09/2025

DFDE = dual fuel diesel engines, STRH = steam turbine reheat / ultra steam turbine, MEGI = marine electric gas injection,
DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 29 July 2024

Fearnley LNG

Name	Owners	Yard	Capacity	Propulsion	Ordered Date	Delivery Date
Samsung 2639	JP Morgan	Samsung	174,000	ME-GA	01/09/2022	01/09/2025
Daewoo 2567	Meiji Shipping	Hanwha Ocean	174,000	XDF	01/09/2022	01/09/2025
Jiangnan H2702	ADNOC	Jiangnan	175,000	XDF	01/05/2022	01/09/2025
Daewoo 2542	Venture Global LNG	Hanwha Ocean	200,000	ME-GA	01/03/2022	01/10/2025
Hyundai Samho 8181	Knutsen	Hyundai Samho	174,000	ME-GA	01/04/2022	01/10/2025
Samsung 2619	Celsius Shipping	Samsung	180,000	ME-GA	01/03/2022	01/10/2025
Hyundai Samho 8174	NYK	Hyundai Samho	174,000	XDF	01/08/2022	01/10/2025
Hudong-zhonghua H1882a	MOL	Hudong-Zhonghua	174,000	XDF	01/01/2022	01/10/2025
Hudong-zhonghua H1892A	COSCO	Hudong-Zhonghua	174,000	XDF	01/07/2022	01/10/2025
Daewoo 2539	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/02/2022	01/11/2025
Daewoo 2538	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/01/2022	01/11/2025
Bw Nivalis	BWGas	Hanwha Ocean	174,000	MEGI	01/04/2022	01/11/2025
Hudong-zhonghua H1798a	K-Line, MISC, NYK, China LNG Shipping	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/11/2025
Samsung 2651	Celsius Shipping	Samsung	180,000	ME-GA	01/10/2022	01/11/2025
Samsung 2641	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/11/2025
Jiangsu Yangzi Xinfu YZJ2022-1475	Hammonia Reederei	Yangzijiang	175,000	ME-GA	01/10/2022	01/11/2025
Hudong-zhonghua H1908a	ULT	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/11/2025
Dalian No 1 G175k-3	China Merchant	Dalian Shipbuilding	175,000	XDF	01/09/2022	01/11/2025
Daewoo 2564	Pan Ocean, SK Shipping, H-Line	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/11/2025
Daewoo 2563	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/11/2025
Daewoo 2540	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/02/2022	01/12/2025
Bw Borealis	BWGas	Hanwha Ocean	174,000	MEGI	01/04/2022	01/12/2025
Daewoo 2535	GasLog	Hanwha Ocean	174,000	MEGI	01/01/2022	01/12/2025
Hyundai Ulsan 3396	K-Line, MISC, NYK, China LNG Shipping	Hyundai Heavy	174,000	XDF	01/08/2022	01/12/2025
Hudong-zhonghua H1909a	ULT	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/12/2025
Dalian No 1 G175k-2	China Merchant	Dalian Shipbuilding	175,000	XDF	01/04/2022	01/12/2025
Clean Srocco	Dynagas	Hyundai Heavy	200,000	ME-GA	01/03/2022	01/12/2025
Daewoo 2543	Venture Global LNG	Hanwha Ocean	200,000	ME-GA	01/03/2022	01/12/2025
Samsung 2632	H-Line	Samsung	174,000	ME-GA	01/05/2022	01/12/2025
DAEWOO 2570	MISC	Hanwha Ocean	174,000	XDF	01/09/2022	01/01/2026
Archimidis	Capital Gas	Hyundai Samho	174,000	ME-GA	01/06/2022	01/01/2026
Agamemnon	Capital Gas	Hyundai Samho	174,000	ME-GA	01/06/2022	01/01/2026
Al Udeid	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/01/2026
Hyundai Ulsan 3397	K-Line, MISC, NYK, China LNG Shipping	Hyundai Heavy	174,000	XDF	01/08/2022	01/01/2026
Samsung 2642	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/01/2026
Hyundai Samho 8182	TMS Cardiff Gas	Hyundai Samho	174,000	XDF	01/10/2022	01/01/2026
Dalian No 1 G175k-4	China Merchant	Dalian Shipbuilding	175,000	XDF	01/09/2022	01/01/2026
Jiangnan H2703	ADNOC	Jiangnan	175,000	XDF	01/05/2022	01/01/2026
Samsung 2633	H-Line	Samsung	174,000	ME-GA	01/05/2022	01/01/2026
Barzan	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/02/2026
Hudong-zhonghua H1799a	K-Line, MISC, NYK, China LNG Shipping	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/02/2026
Samsung 2652	Minerva Marine	Samsung	174,000	ME-GA	01/11/2022	01/02/2026
Samsung 2643	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/02/2026
Daewoo 2565	Pan Ocean, SK Shipping, H-Line	Hanwha Ocean	174,000	ME-GA	01/06/2022	01/02/2026
Samsung 2653	Minerva Marine	Samsung	174,000	ME-GA	01/11/2022	01/03/2026
Hyundai Samho 8200	TMS Cardiff Gas	Hyundai Samho	174,000	XDF	01/07/2022	01/03/2026
China Merchants Jiangsu Cmhi-282-01	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/05/2023	01/03/2026
Samsung 2636	TMS Cardiff Gas	Samsung	174,000	ME-GA	01/04/2022	01/03/2026

DFDE = dual fuel diesel engines, STRH = steam turbine reheat / ultra steam turbine, MEGI = marine electric gas injection,
DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 29 July 2024

Fearnley LNG

On-site/Factory-Built Storage Tanks, Intermodal ISO Tank-Containers, Tanker Trailers, Ship/Barge Cargo Tanks for LNG or any Cryogenic/Liquefied Gases

Corban Energy Group (CEG), based in New Jersey, USA, creats hightly engineered products for the natural gas supply chain in the Americas, Europe, and Africa. With its global network of engineers and manufacturing facilities, CEG has provided unmatched quality and value in LNG equipment.

Call or e-mail us to find out how your company can benefit from our comprehensive natural gas products and services today.

www.CorbanEnergyGroup.com

CORBAN ENERGY GROUP
Your Solution for LNG/CNG

T. **201.509.8555** info@corbanenergygroup.com
418 Falmouth Avenue, Elmwood Park, NJ 07407, USA

Name	Owners	Yard	Capacity	Propulsion	Ordered Date	Delivery Date
Hudong-zhonghua H1883a	MOL	Hudong-Zhonghua	174,000	XDF	01/01/2022	01/03/2026
Hudong-zhonghua H1893A	COSCO	Hudong-Zhonghua	174,000	XDF	01/07/2022	01/03/2026
Clean Texas	Dynagas	Hyundai Heavy	200,000	XDF	01/01/2023	01/04/2026
Hyundai Ulsan 3386	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/04/2026
Samsung 2644	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/04/2026
Daewoo 2572	TMS Cardiff Gas	Hanwha Ocean	174,000	ME-GA	01/09/2022	01/04/2026
DAEWOO 2571	MISC	Hanwha Ocean	174,000	XDF	01/09/2022	01/05/2026
Daewoo 2552	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/06/2022	01/05/2026
Hyundai Ulsan 3387	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/05/2026
Hudong-zhonghua H1800a	K-Line, MISC, NYK, China LNG Shipping	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/05/2026
Hyundai Samho 8204	Oman Shipping Co.	Hyundai Samho	174,000	XDF	01/01/2023	01/05/2026
Samsung 2664	K-Line	Samsung	174,000	ME-GA	31/03/2023	01/05/2026
Jiangsu Yangzi Xinfu YZJ2022-1476	Hammonia Reederei	Yangzijiang	175,000	ME-GA	01/10/2022	01/05/2026
Daewoo 2553	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/06/2022	01/06/2026
Hyundai Ulsan 3393	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/06/2026
Hyundai Samho 8205	Oman Shipping Co.	Hyundai Samho	174,000	XDF	01/01/2023	01/06/2026
Samsung 2645	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/06/2026
Hudong-zhonghua H1884a	MOL	Hudong-Zhonghua	174,000	XDF	01/01/2022	01/06/2026
Daewoo 2568	Meiji Shipping	Hanwha Ocean	174,000	XDF	01/09/2022	01/06/2026
Jiangnan H2704	ADNOC	Jiangnan	175,000	XDF	01/05/2022	01/06/2026
Hyundai Ulsan 3394	Knutsen	Hyundai Heavy	174,000	XDF	01/07/2022	01/07/2026
Hudong-zhonghua H1801a	K-Line, MISC, NYK, China LNG Shipping	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/07/2026
Hyundai Ulsan 3398	K-Line, MISC, NYK, China LNG Shipping	Hyundai Heavy	174,000	XDF	01/08/2022	01/07/2026
Clean Rio Grande	Dynagas	Hyundai Heavy	200,000	XDF	01/01/2023	01/07/2026
Clean Brownsville	Dynagas	Hyundai Heavy	200,000	XDF	01/01/2023	01/07/2026
Daewoo 2573	TMS Cardiff Gas	Hanwha Ocean	174,000	ME-GA	01/09/2022	01/07/2026
China Merchants Jiangsu Cmhi-282-02	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/05/2023	01/07/2026
Samsung 2646	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/07/2026
Jiangnan H2716	Shandong Marine	Jiangnan	175,000		01/03/2023	01/08/2026
Hyundai Samho 8201	TMS Cardiff Gas	Hyundai Samho	174,000	XDF	01/07/2022	01/08/2026
Hudong-zhonghua H1886a	NYK	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/08/2026
Dalian No 1 G175K-5	China Merchant	Dalian Shipbuilding	175,000	XDF	01/03/2023	01/08/2026
Samsung 2647	JP Morgan	Samsung	174,000	ME-GA	01/06/2022	01/08/2026
Daewoo 2574	Venture Global LNG	Hanwha Ocean	174,000	MEGI	01/03/2023	01/09/2026
Alcaios I	Capital Gas	Hyundai Samho	174,000	ME-GA	01/01/2023	01/09/2026
Hyundai Ulsan 3399	K-Line, MISC, NYK, China LNG Shipping	Hyundai Heavy	174,000	XDF	01/08/2022	01/09/2026
Samsung 2687	MOL	Samsung	174,000	ME-GA	01/11/2023	01/09/2026
Daewoo 2558	MOL	Hanwha Ocean	174,000	ME-GA	01/09/2022	01/09/2026
Daewoo 2551	MOL	Hanwha Ocean	174,000	ME-GA	01/04/2022	01/09/2026
Samsung 2316	SinoKor	Samsung	173,400	ME-GA	01/12/2019	01/09/2026
Samsung 2662	MOL	Samsung	174,000	ME-GA	20/01/2023	01/09/2026
Hudong-zhonghua H1885a	MOL	Hudong-Zhonghua	174,000	XDF	01/01/2022	01/09/2026
Daewoo 2569	Meiji Shipping	Hanwha Ocean	174,000	XDF	01/09/2022	01/09/2026
Jiangnan H2705	ADNOC	Jiangnan	175,000	XDF	01/05/2022	01/09/2026
Samsung 2693	Shandong Marine	Samsung	174,000	XDF	06/02/2024	01/10/2026
Hudong-zhonghua H1887a	NYK	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/10/2026
Dalian No 1 G175K-6	China Merchant	Dalian Shipbuilding	175,000	XDF	01/03/2023	01/10/2026
Hudong-zhonghua H1894a	K-Line	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/10/2026

DFDE = dual fuel diesel engines, STRH = steam turbine reheat / ultra steam turbine, MEGI = marine electric gas injection,
DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 29 July 2024

Fearnley LNG

Name	Owners	Yard	Capacity	Propulsion	Ordered Date	Delivery Date
Antaios I	Capital Gas	Hyundai Samho	174,000	ME-GA	01/01/2023	01/11/2026
Samsung 2694	China Merchant	Samsung	174,000	XDF	06/02/2024	01/11/2026
Hanwha Ocean 2585	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/11/2026
Samsung 2665	K-Line	Samsung	174,000	ME-GA	31/03/2023	01/11/2026
China Merchants Jiangsu Cmhi-282-03	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/05/2023	01/11/2026
Daewoo 2576	MOL	Hanwha Ocean	174,000	ME-GA	01/12/2022	01/12/2026
Daewoo 2575	Venture Global LNG	Hanwha Ocean	174,000	MEGI	01/03/2023	01/12/2026
Hanwha Ocean 2586	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/12/2026
Jiangnan H2717	Shandong Marine	Jiangnan	175,000		01/03/2023	01/12/2026
Hyundai Ulsan 3400	K-Line, MISC, NYK, China LNG Shipping	Hyundai Heavy	174,000	XDF	01/08/2022	01/12/2026
Hyundai Ulsan 3401	K-Line, MISC, NYK, China LNG Shipping	Hyundai Heavy	174,000	XDF	01/08/2022	01/12/2026
Samsung 2695	Shandong Marine	Samsung	174,000	XDF	06/02/2024	01/12/2026
Hyundai Samho 8262	Nakilat	Hyundai Samho	174,000	XDF	09/01/2024	01/12/2026
Daewoo 2579	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/10/2022	01/12/2026
Hyundai Samho 8208	NYK	Hyundai Samho	174,000	XDF	01/02/2023	01/12/2026
Hudong-zhonghua H1888a	NYK	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/12/2026
Dalian No 1 G175K-7	China Merchant	Dalian Shipbuilding	175,000	XDF	01/03/2023	01/12/2026
Hudong-zhonghua H1895a	K-Line	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/12/2026
Dalian No 1 G175k-12	Wah Kwong, China Gas, CSSC	Dalian Shipbuilding	175,000	XDF	21/08/2023	01/01/2027
Hd Hyundai Ulsan 3476	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/01/2027
Samsung 2663	MOL	Samsung	174,000	ME-GA	20/01/2023	01/01/2027
Hanwha Ocean 2584	MOL	Hanwha Ocean	174,000	ME-GA	01/08/2023	31/01/2027
Athlos	Capital Gas	Hyundai Samho	174,000	ME-GA	01/03/2023	01/02/2027
Samsung 2696	China Merchant	Samsung	174,000	XDF	06/02/2024	01/02/2027
Hanwha Ocean 2594	K-Line, Hyundai Glovis	Hanwha Ocean	174,000	XDF	01/06/2024	01/02/2027
Hanwha Ocean 2593	K-Line, Hyundai Glovis	Hanwha Ocean	174,000	XDF	01/06/2024	01/02/2027
Hudong-zhonghua H1794A	MOL, COSCO	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/02/2027
Hd Hyundai Ulsan 3477	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/02/2027
DALIAN NO 1 G175K-8	China Merchant	Dalian Shipbuilding	175,000	XDF	01/03/2023	01/02/2027
Hd Hyundai Ulsan 3441	NYK	Hyundai Heavy	174,000	ME-GA	28/04/2023	01/03/2027
Hanwha Ocean 2580	MOL	Hanwha Ocean	174,000	ME-GA	01/02/2023	01/03/2027
Archon	Capital Gas	Hyundai Samho	174,000	ME-GA	01/03/2023	01/03/2027
Dalian No 1 G175K-9	China Gas, Wah Kwong, Fortune Clean Energy	Dalian Shipbuilding	174,000	XDF	12/03/2024	01/03/2027
Hudong-zhonghua H1889a	NYK	Hudong-Zhonghua	174,000	XDF	01/04/2022	01/03/2027
Samsung 2656	Seapeak	Samsung	174,000	ME-GA	01/11/2022	01/03/2027
Samsung 2317	SinoKor	Samsung	173,400	ME-GA	01/12/2019	01/03/2027
China Merchants Jiangsu Cmhi-282-04	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/05/2023	01/03/2027
Cosco 1	COSCO	Dalian Shipbuilding	175,000		31/08/2023	01/03/2027
Hudong-zhonghua H1896a	K-Line	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/03/2027
Hanwha Ocean 2581	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/04/2023	01/04/2027
Samsung 2697	Shandong Marine	Samsung	174,000	XDF	06/02/2024	01/04/2027
Hd Hyundai Ulsan 3454	Evalend Shipping	Hyundai Heavy	174,000	XDF	02/08/2023	01/04/2027
Hd Hyundai Ulsan 3478	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/04/2027
Hanwha Ocean 2595	K-Line, Hyundai Glovis	Hanwha Ocean	174,000	XDF	01/06/2024	01/05/2027
Hyundai Samho 8263	Nakilat	Hyundai Samho	174,000	XDF	09/01/2024	01/05/2027
Hd Hyundai Ulsan 3479	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/05/2027
Clean Astraeus	Dynagas	Hyundai Heavy	200,000	XDF	01/04/2023	01/05/2027
Samsung 2657	Seapeak	Samsung	174,000	ME-GA	01/11/2022	01/05/2027
Hudong-zhonghua H1890a	NYK	Hudong-Zhonghua	174,000	XDF	01/04/2022	01/05/2027

DFDE = dual fuel diesel engines, STRH = steam turbine reheat / ultra steam turbine, MEGI = marine electric gas injection, DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 29 July 2024

Fearnley LNG

Name	Owners	Yard	Capacity	Propulsion	Ordered Date	Delivery Date
Hyundai Samho 8238	NYK	Hyundai Samho	174,000	XDF	01/02/2023	01/05/2027
Hd Hyundai Ulsan 3442	NYK	Hyundai Heavy	174,000	ME-GA	28/04/2023	01/06/2027
Dalian No 1 G175K-10	China Gas, Wah Kwong, Fortune Clean Energy	Dalian Shipbuilding	174,000	XDF	12/03/2024	01/06/2027
Hanwha Ocean 2582	Maran Gas Maritime	Hanwha Ocean	174,000	MEGI	01/04/2023	01/06/2027
Samsung 2698	Shandong Marine	Samsung	174,000	XDF	06/02/2024	01/06/2027
Samsung 2318	SinoKor	Samsung	173,400	ME-GA	01/12/2019	01/06/2027
Cosco 2	COSCO	Dalian Shipbuilding	175,000		31/08/2023	01/06/2027
Hudong-zhonghua H1897a	K-Line	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/06/2027
Hanwha Ocean 2588	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/07/2027
Hanwha Ocean 2587	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/07/2027
Hudong-zhonghua H1795A	MOL, COSCO	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/07/2027
Dalian No 1 G175k-13	Wah Kwong, China Gas, CSSC	Dalian Shipbuilding	175,000	XDF	21/08/2023	01/07/2027
Hd Hyundai Ulsan 3480	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/07/2027
Hyundai Samho 8209	NYK	Hyundai Samho	174,000	XDF	01/02/2023	01/07/2027
Hd Hyundai Ulsan 3443	NYK	Hyundai Heavy	174,000	ME-GA	28/04/2023	01/08/2027
Hanwha Ocean 2583	MOL	Hanwha Ocean	174,000	ME-GA	01/04/2023	01/08/2027
Samsung 2699	China Merchant	Samsung	174,000	XDF	06/02/2024	01/08/2027
Hanwha Ocean 2596	K-Line, Hyundai Glovis	Hanwha Ocean	174,000	XDF	01/06/2024	01/08/2027
Hd Hyundai Ulsan 3481	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/08/2027
Samsung 2658	Seapeak	Samsung	174,000	ME-GA	01/11/2022	01/08/2027
Hd Hyundai Ulsan 3444	NYK	Hyundai Heavy	174,000	ME-GA	01/05/2023	31/08/2027
Hanwha Ocean 2589	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/09/2027
China Merchants Jiangsu Cmhi-282-05	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/02/2024	01/09/2027
Hd Hyundai Ulsan 3482	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/09/2027
Samsung 2659	Seapeak	Samsung	174,000	ME-GA	01/11/2022	01/09/2027
Hanwha Ocean 2590	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/10/2027
Samsung 2700	Shandong Marine	Samsung	174,000	XDF	06/02/2024	01/10/2027
Hd Hyundai Ulsan 3483	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/10/2027
Hudong-zhonghua H1891a	NYK	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/10/2027
Hudong-zhonghua H1898a	COSCO, MOL, ENN	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/10/2027
Hyundai Samho 8239	NYK	Hyundai Samho	174,000	XDF	01/02/2023	01/10/2027
Hanwha Ocean 2951	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/11/2027
Samsung 2701	Shandong Marine	Samsung	174,000	XDF	06/02/2024	01/11/2027
Hd Hyundai Ulsan 3484	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/11/2027
Clean Azeus	Dynagas	Hyundai Heavy	200,000	XDF	01/04/2023	01/11/2027
Samsung 2702	MISC	Samsung	174,000	XDF	06/02/2024	01/12/2027
Hudong-zhonghua H1796A	MOL, COSCO	Hudong-Zhonghua	174,000	XDF	01/09/2022	01/12/2027
Samsung 2668	Chevron	Samsung	174,000	XDF	01/06/2023	01/12/2027
Hd Hyundai Ulsan 3455	Evalend Shipping	Hyundai Heavy	174,000	XDF	02/08/2023	01/12/2027
Hd Hyundai Ulsan 3485	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/12/2027
Samsung 2660	Seapeak	Samsung	174,000	ME-GA	01/11/2022	01/12/2027
Hyundai Samho 8210	NYK	Hyundai Samho	174,000	XDF	01/02/2023	01/12/2027
Hudong-zhonghua H1899a	COSCO, MOL, ENN	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/12/2027
Hanwha Ocean 2592	Nakilat	Hanwha Ocean	174,000	XDF	01/06/2024	01/01/2028
China Merchants Jiangsu Cmhi-282-06	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/05/2024	01/01/2028
HD Hyundai Ulsan 3456	Evalend Shipping	Hyundai Heavy	74,000	XDF	14/11/2023	01/01/2028
Samsung ADNOC 4	ADNOC	Samsung	174,000		01/07/2024	01/02/2028
Samsung 2669	Chevron	Samsung	174,000	XDF	01/06/2023	01/02/2028
Capital Samho 1	Capital Gas	Hyundai Samho	174,000		26/02/2024	01/02/2028
Hudong Qatar 1	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/03/2028

DFDE = dual fuel diesel engines, STRH = steam turbine reheat / ultra steam turbine, MEGI = marine electric gas injection,
DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 29 July 2024

Fearnley LNG

Name	Owners	Yard	Capacity	Propulsion	Ordered Date	Delivery Date
Samsung 2702	China Merchant	Samsung	174,000	XDF	06/02/2024	01/03/2028
Hd Hyundai Ulsan 3457	Evalend Shipping	Hyundai Heavy	174,000	XDF	14/11/2023	01/03/2028
Hudong-zhonghua H1900a	COSCO, MOL, ENN	Hudong-Zhonghua	174,000	XDF	01/06/2023	01/03/2028
Hd Hyundai Ulsan 3501	Evalend Shipping	Hyundai Heavy	174,000	XDF	03/05/2024	31/03/2028
Samsung ADNOC 3	ADNOC	Samsung	174,000		01/07/2024	01/04/2028
Dalian No 1 G175K-11	China Gas, Wah Kwong, Fortune Clean Energy	Dalian Shipbuilding	174,000	XDF	12/03/2024	01/04/2028
Cosco 3	COSCO	Dalian Shipbuilding	175,000		31/08/2023	01/04/2028
Hanwha ADNOC 4	ADNOC	Hanwha Ocean	174,000		01/07/2024	15/04/2028
Samsung 2704	MISC	Samsung	174,000	XDF	06/02/2024	01/05/2028
Hd Hyundai Ulsan 3502	Evalend Shipping	Hyundai Heavy	174,000	XDF	03/05/2024	01/05/2028
China Merchants Jiangsu Cmhi-282-07	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/05/2024	01/05/2028
Hd Hyundai Ulsan 3486	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/05/2028
Hudong-zhonghua H1901a	CSSC	Hudong-Zhonghua	174,000	XDF	01/05/2023	31/05/2028
Hudong Qatar 2	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/06/2028
Samsung ADNOC 2	ADNOC	Samsung	174,000		01/07/2024	01/06/2028
Samsung 2705	China Merchant	Samsung	174,000	XDF	06/02/2024	01/06/2028
Capital Samho 2	Capital Gas	Hyundai Samho	174,000		26/02/2024	01/06/2028
Hanwha ADNOC 3	ADNOC	Hanwha Ocean	174,000		01/07/2024	15/06/2028
Samsung 2706	MISC	Samsung	174,000	XDF	06/02/2024	01/07/2028
Hd Hyundai Ulsan 3487	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/07/2028
Samsung ADNOC 1	ADNOC	Samsung	174,000		01/07/2024	01/08/2028
Hanwha ADNOC 2	ADNOC	Hanwha Ocean	174,000		01/07/2024	15/08/2028
Hudong Qatar 3	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/09/2028
China Merchants Jiangsu Cmhi-282-08	Celsius Shipping	China Merchants HI Jiangsu	180,000	ME-GA	01/05/2024	01/09/2028
Hd Hyundai Ulsan 3488	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/09/2028
Capital Samho 3	Capital Gas	Hyundai Samho	174,000		26/02/2024	01/09/2028
Hudong-zhonghua H1902a	CSSC	Hudong-Zhonghua	174,000	XDF	01/05/2023	01/09/2028
Samsung 2707	China Merchant	Samsung	174,000	XDF	06/02/2024	01/10/2028
Hanwha ADNOC 1	ADNOC	Hanwha Ocean	174,000		01/07/2024	15/10/2028
Hd Hyundai Ulsan 3489	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/11/2028
Hudong Qatar 4	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/12/2028
Capital Samho 4	Capital Gas	Hyundai Samho	174,000		26/02/2024	01/12/2028
Hudong-zhonghua H1903a	CSSC	Hudong-Zhonghua	174,000	XDF	01/05/2023	01/12/2028
Hudong Qatar 5	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/03/2029
Hd Hyundai Ulsan 3490	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/03/2029
Hudong Qatar 6	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/06/2029
Hd Hyundai Ulsan 3491	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/06/2029
Hudong Qatar 7	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/09/2029
Hd Hyundai Ulsan 3492	Nakilat	Hyundai Heavy	174,000	XDF	01/09/2023	01/09/2029
Hudong Qatar 8	Nakilat	Hudong-Zhonghua	271,000	XDF	12/01/2024	01/12/2029
Hudong Qatar 9	Nakilat	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/01/2030
Hudong Qatar 10	China Merchant	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/03/2030
Hudong Qatar 11	China Merchant	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/05/2030
Hudong Qatar 12	China Merchant	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/07/2030
Hudong Qatar 13	China Merchant	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/09/2030
Hudong Qatar 14	Shandong Marine	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/11/2030
Hudong Qatar 15	Shandong Marine	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/01/2031
Hudong Qatar 16	Shandong Marine	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/03/2031
Hudong Qatar 17	China LNG Shipping	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/05/2031
Hudong Qatar 18	China LNG Shipping	Hudong-Zhonghua	271,000	XDF	29/04/2024	01/07/2031

DFDE = dual fuel diesel engines, STRH = steam turbine reheat / ultra steam turbine, MEGI = marine electric gas injection,
DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 29 July 2024

Fearnley LNG

WORLD SMALL SCALE LNG FLEET*

Built	Name	CBM	Cargo Type	Trading Area	Trading in LNG?	Ship Owner / Operator
1974	Seagas	187	LNG	Sweden	Yes	AGA
1988	Kayoh Maru	1,517	LNG	Japan	Yes	Daiichi
1993	Aman Bintulu	18,928	LNG	Malaysia - Japan	Yes	Perbadanan/NYK
1996	Surya Aki	19,475	LNG	Indonesia - Japan	Yes	MCGC
1997	Aman Sendai	18,928	LNG	Malaysia - Japan	Yes	Perbadanan/NYK
1998	Pelita Energy	18,800	LNG	Malaysia - Japan	Yes	Perbadanan/NYK
2000	Triputra	23,096	LNG	Indonesia - Japan	Yes	MCGC
2003	Pioneer Knutsen	1,100	LNG	Norway	Yes	Knutsen
2003	Shinju Maru No.1	2,540	LNG	Japan	Yes	Shinwa
2005	North Pioneer	2,500	LNG	Japan	Yes	Japan Liquid Gas
2007	Sun Arrows	19,531	LNG	Malaysia - Russia - Japan	Yes	Mitsui
2008	Kakurei Maru	2,536	LNG	Japan	Yes	Hogaki Zosen
2008	Shinju Maru No.2	2,540	LNG	Japan	Yes	Shinwa
2009	Coral Methane	7,551	LNG/LPG/Ethylene	Northwest Europe/Baltics	Yes, sometimes	Anthony Veder
2010	Coral Favia	10,000	LNG/LPG/Ethylene	Worldwide	No	Anthony Veder
2010	Coral Fraseri	10,000	LNG/LPG/Ethylene	Worldwide	No	Anthony Veder
2011	Coral Furcata	10,000	LNG/LPG/Ethylene	Worldwide	No	Anthony Veder
2011	Coral Fungia	10,000	LNG/LPG/Ethylene	Worldwide	No	Anthony Veder
2011	Akebono Maru	3,556	LNG	Japan	Yes	Chuo Kaiun
2011	Titan Vision	12,000	LNG/LPG/Ethylene	Europe	No	Titan LNG
2011	Titan Unikum	12,000	LNG/LPG/Ethylene	Europe	No	Titan LNG
2012	Coral Energy	15,600	LNG	Northwest Europe/Baltics	Yes	Anthony Veder
2013	Coral Anthelia	6,500	LNG/Ethylene			Anthony Veder
2013	JX Energy TBN	2,500	LNG	Japan	Yes	JX Energy
2013	Kakuyu Maru	2,500	LNG	Japan	Yes	Tsurumi Sunmarine
2015	JS Ineos Ingenuity	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2015	JS Ineos Insight	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2015	JS Ineos Intrepid	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2015	LNG Barge TBN	3,000	LNG	US Coast	Yes	LNG America
2015	PetroChina TBN	30,000	LNG	China		PetroChina
2016	Hai Yang Shi You 301	30,000	LNG	Bali FSU	Yes	CETS (CNOOC)
2016	Clean Jacksonville	2,200	LNG	US Coast	Yes	CME
2016	JS Ineos Indepence	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2016	JS Ineos Innvovation	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2016	JS Ineos Inspiration	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2016	LNG Prime	2,250	LNG	Northwest Europe	Yes	Veka Deen LNG
2017	Coralius	5,800	LNG	Northwest Europe/Baltics	Yes, for Skangas	Anthony Veder
2017	Coral EnergICE	18,000	LNG	Northwest Europe/Baltics	Yes	Anthony Veder
2017	Coral Encanto	30,000	LNG	China	Yes	Anthony Veder
2017	JS Ineos Invention	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2017	JS Ineos Intuition	27,500	LNG/Ethylene	Markus Hook - Rafnes	Ethane, for Ineos	Evergas
2017	Oizmendi	600	LNG	Spain	Yes	Itsas Gas
2017	LNG-Gorskaya TBN	7,300	LNG	Russia	Yes	LNG-Gorskaya
2017	LNG-Gorskaya TBN	7,300	LNG	Russia	Yes	LNG-Gorskaya
2017	LNG-Gorskaya TBN	7,300	LNG	Russia	Yes	LNG-Gorskaya
2017	Green Zeebrugge	5,000	LNG	Northwest Europe	Yes	NYK
2017	New Frontier 1	6,500	LNG	Northwest Europe	Yes	Shell
2018	Kairos	7,500	LNG	Baltic	Yes	Bernhard Schulte
2018	LNG London	3,000	LNG	Northwest Europe	Yes	Shell
2018	Shell Bunker Barge TBN 2	6,500	LNG	Northwest Europe	Yes	Shell
2018	Shell Bunker Barge TBN 3	6,500	LNG	Northwest Europe	Yes	Shell
2018	Bunker Breeze	1,200	LNG	Barcelona	Yes	Suardiaz Energy Shipping
2018	HUA XIANG 8	13,720	LNG	China	Yes	Zhejiang Huaxiang
2019	Blue Whale	7,500	LNG	Korea	Yes	Korea Line
2019	Gas Agility	18,600	LNG	NWE	Yes	MOL
2019	Flexfueller 001	1,480	LNG	Amsterdam	Yes	Titan LNG

Data last updated = 29 July 2024 | For more information please visit http://small-lng.com.

Small-LNG.com

Built	Name	CBM	Cargo Type	Trading Area	Trading in LNG?	Ship Owner / Operator
2020	Avenir Advantage	7,500	LNG	Mediterranean	Yes	Avenir LNG
2020	Avenir Accolade	7,500	LNG	Mediterranean	Yes	Avenir LNG
2020	Avenir Aspiration	7,500	LNG		Yes	Avenir LNG
2020	Kaguya	3,500	LNG	Japan	Yes	CLS
2020	CNTIC VPOWER Global	28,000	LNG	Myanmar	Yes	Dalian Inteh Group
2020	Ecobunker Tokyo Bay	2,500	LMG	Japan	Yes	Ecobunkers
2020	Optimus	6,000	LNG	NWE	Yes	Elenger
2020	FueLNG Bellina	7,500	LNG	Singapore	Yes	FuelLNG
2020	SM Jeju LNG2	7,500	LNG	Korea	Yes	Korea Line
2020	Q-LNG 4000	4,000	LNG	US Coast	Yes	Q-LNG Transport / Harvey Gulf
2020	Flexfueller 002	1,480	LNG	Antwerp	Yes	Titan LNG
2021	Avenir Ascension	7,500	LNG		Yes	Avenir LNG
2021	Hai Gang Wei Lai	20,000	LNG	China	Yes	SSES
2021	Bergen LNG	850	LNG	Norway	Yes	Bergen Tankers
2021	Dmitry Mendeleev	5,800	LNG	Russia	Yes	Gazprom Neft
2021	JMU TBN	2,500	LNG	Japan	Yes	JMU
2021	Ravenna Knutsen	30,000	LNG	Mediterranean	Yes	Knutsen OAS
2021	Brassavola	12,000	LNG	Singapore	Yes	MOL
2021	Gas Vitality	18,600	LNG	Mediterranean	Yes	MOL
2021	TG TBN	500	LNG	Korea	Yes	Trans Gas
2021	Titan Hyperion	8,000	LNG	Benelux	Yes	Titan LNG
2022	Xin Ao Pu Tuo Hao	8,500	LNG	China	Yes	ENN
2022	Coral Nordic	30,000	LNG	Worldwide	Yes	Anthony Veder
2022	Avenir Achievement	20,000	LNG	Worldwide	Yes	Avenir LNG
2022	Haugesund Knutsen	5,000	LNG	Spain	Yes	Knutsen OAS
2022	Clean Cañaveral	5,400	LNG	USG	Yes	PNE
2022	K.Lotus	18,000	LNG	Korea	Yes	K Line
2023	Cryopeak TBA	4,000	LNG	West Canada	Yes	Cryopeak
2023	Levante LNG	12,500	LNG	Spain	Yes	Knutsen OAS
2023	SM Jeju LNG3	7,500	LNG	Korea	Yes	Korea Line
2023	New Frontier 2	18,000	LNG	USG	Yes	Shell
2023	Krios	4,200	LNG	Benelux	Yes	Titan LNG
2023	Alice Cosulich	8,000	LNG	Mediterranean	Yes	Fratelli Cosulich
2023	Kanfer TBN	6,000	LNG	Worldwide	Yes	Kanfer Shipping
2023	Kanfer TBN	6,000	LNG	Worldwide	Yes	Kanfer Shipping
2023	Clean Everglades	5,500	LNG	USG	Yes	PNE
2023	FueLNG Venosa	18,000	LNG	Singapore	Yes	FuelLNG
2023	LNG Erasmus	8,000	LNG	NWE	Yes	Shell
2023	Energy Stockholm	8,000	LNG	NWE	Yes	Shell
2024	Coral Evolution	30,000	LNG	Australia	Yes	Anthony Veder ?
2024	Crowley TBN	12,000	LNG	US Coast	Yes	Crowley Maritime
2024	CNOOC TBN	12,000	LNG	China	Yes	CNOOC
2024	TBN	12,500	LNG	Worldwide	Yes	???
2024	Keys TBN	3,500	LNG	Japan	Yes	Keys Bunkering West Japan Co
2024	Seaspan Garbaldi	7,600	LNG	Panama	Yes	Seaspan ULC
2024	Paolina Cosulich	8,000	LNG	Mediterranean	Yes	Fratelli Cosulich
2024	Huaihe Nengyuan Qihang	14,000	LNG	China	Yes	Anhui Changjiang LNG
2024	Keys Azalea	3,500	LNG	Japan	Yes	Keys Bunkering West Japan
2024	Seaspan Lions	7,600	LNG	Canada	Yes	Seaspan ULC
2024	Hai Yang Shi You 302	12,000	LNG	China	Yes	CETS (CNOOC)
2025	Axpo TBN	7,500	LNG	Italy	Yes	Axpo
2025	Seaspan TBN 3	7,600	LNG	Canada	Yes	Seaspan ULC
2026	Avenir TBN (option)	20,000	LNG	Worldwide	Yes	Avenir LNG
2026	ScaleGas TBN	12,500	LNG	Spain	Yes	ScaleGas
2026	Vitol TBN 1	12,500	LNG	Worldwide	Yes	Vitol
2026	Total TBN	18,600	LNG	Worldwide	Yes	Total Energies
2027	Avenir TBN (option)	20,000	LNG	Worldwide	Yes	Avenir LNG
2027	Vitol TBN 2	20,000	LNG	Worldwide	Yes	Vitol

Data last updated = 29 July 2024 | For more information please visit http://small-lng.com.

Small-LNG.com