LNG Shipping News

AN LNG JOURNAL TITLE ON LNG CARRIERS

4 January 2024

LNGC trades hit by Red Sea attacks

Attacks on commercial shipping transiting the Bab al-Mandab Strait at the southern end of the Red Sea have continued.

The perpetrators, Houthi rebels, have maintained that they were targeting Israeli shipping interests and ships trading with Israel.

To counter the threat, the US is forming a coalition of naval vessels and aircraft to patrol the area and attempt to intercept the drones, missiles and boats, once launched.

Not surprisingly, LNGC trades are being hit, as the Red Sea is a major artery connecting the East with the West via the Suez Canal.

According to an ICIS report issued last week, Celsius-managed, US, Japanese and bp-chartered LNGCs have avoided the Red Sea area since the London insurance market's Joint War Committee expanded its Listed Area around the Red Sea by 3 deg N – "to factor in the missile range from Yemen."

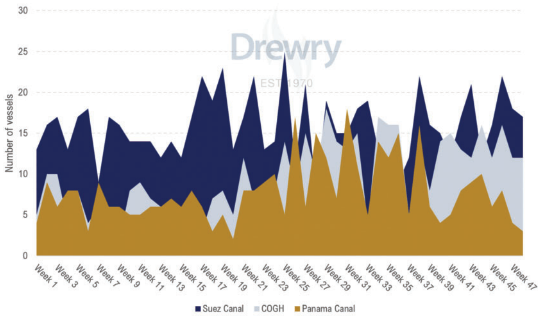
However, Shipping data showed that Qatari-controlled gas carriers were still using the route, presumably as they are considered 'friendly' by the Houthis.

Other LNGCs are being re-routed around the Cape of Good Hope, thus extending their voyages.

Qatari LNGCs' ongoing voyages, plus weak European gas demand meant that the ICIS TTF month-ahead rose to €35.35 per MWh ($11.34 per MMBtu) on 18th December but quickly gave way to a three-month low.

"The Qatari cargoes are the most important for the European gas market. If they had to go around Cape of Good Hope it would take much longer, but so far they are not changing course," ICIS LNG analyst, Alex Froley confirmed.

bp said that it had halted all Red Sea transits but would keep the situation under review. Norway's state-owned energy company Equinor also said its vessels would avoid the area, as has Uniper and South Korea's SK E&S.



LNGC East /West routes analysis. Source: Drewry Maritime

Examples of vessels taking the South African route recently included the SK E&S-chartered 'Prism Courage' and the KOGAS-chartered 'Hyundai Peacepia', bp's sub-chartered 'Kool Ice' and EDP-chartered 'Cool Discoverer', along with Trafigura and Kansai Electric-chartered vessels, according to ICIS data.

Four Celsius-managed vessels approaching the Suez area were also recently re-routed, ship tracking data showed.

"For US LNG cargoes going east to Asia, there isn't such a big difference between going via the Mediterranean and Suez and going south around Africa, it only adds a day or two to go south, so it's not a big impact," Froley explained.

It remains unclear whether the threat to LNGCs and other vessels will grow, which could force more companies to take alternative routes or change the destinations of some cargoes to optimise where possible, ICIS said.

Deeper impact

If the European gas market tightens later this winter, any interruptions could have a deeper impact.

According to Drewry AIS, 70% of US exports headed for Europe, 25% to Asia and 5% to South America last year, while Qatar to Asia voyages accounted for 78% with Europe taking 22% of Qatari exports during the year.

Although LNG shipping has remained largely insulated from the increasing Panama Canal restrictions, owing to the shift in trading patterns (the US is mainly sending shipments to Europe, while the Middle East and other major exporters are serving Asia), the ongoing concerns over the Suez Canal becoming a dangerous choke point for ships could create havoc in the LNG market.

On the East to West routes, from January to November, 2023, the Suez Canal was used by 50% of all LNGC voyages, followed by the Cape of Good Hope (28%) and the Panama Canal (22%), according to Drewry's data - see graphic.

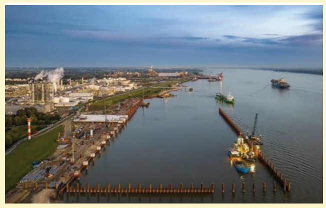
Drewry also said that the high storage in Europe and subdued demand from Asia would insulate the market in the short term but the Red Sea could cause a significant impact if the situation develops further, especially with the Panama Canal restrictions in place.

In response to the recent attacks, the Panama Port Authority (ACP) announced an increase in daily transits to 24 from 22.

A longer shipping route would generate extra tonne/mile demand, as re-routing of Qatari shipments (Ras Laffan to Europe (ARA)) from Suez to South Africa would increase sailing times by around 80% - from 15 to 27 days.

This would also lead to higher shipping costs and longer deployment of vessels. ■

SHIPPING NEWS AGENDA



Arctic LNG 2 badly hit by sanctions

Foreign shareholders have suspended their participation in the Arctic LNG 2 project, due to new US sanctions.

They were responsible for financing and for offtake contracts for the new Russian LNG plant, the Russian daily Kommersant reported last week.

The project was already facing difficulties, due to the US sanctions over the conflict in Ukraine and a lack of gas carriers.

China's state oil majors CNOOC and China National Petroleum Corp (CNPC) each have a 10% stake in Arctic LNG 2, which is being developed by NOVATEK, Russia's largest LNG producer and owner of a 60% stake in the project.

Kommersant, quoting unnamed sources in the Russian Government, said both Chinese companies, together with France's TotalEnergies and a consortium involving Japan's Mitsui and Co and JOGMEC - which also have a 10% stake each - declared *force majeure* on participation in the project.

The suspensions could lead to Arctic LNG 2 losing its long-term LNG supply contracts, while NOVATEK will have to finance the project itself and sell the LNG on the spot market.

Initial investments in the project stood at $21 bill. It already faced difficulties in raising funds following Western sanctions against Russia.

Sanctions have also resulted in NOVATEK declaring *force majeure* over LNG supplies from the project, industry sources told Reuters recently.

The European Union may also impose restrictions on Russia's LNG supplies.

With three processing trains, Arctic LNG 2's capacity is designed to be 19.8 mill tonnes per year plus 1.6 mill tonnes per year of stable gas condensate.

Production is due to start in early 2024. However, industry sources have said commercial LNG supplies from the project are now expected no earlier than the second quarter of 2024.

SHI suspends Zvezda operations

In another move, South Korean shipbuilding Samsung Heavy Industries (SHI) is temporarily suspending its work related to the construction of Arctic LNGCs.

With mounting pressure from Western sanctions against Russia and its shipbuilding and energy industries, SHI is reported to be completing blocks for the first five Arc7s but will not be proceeding with the blocks for 10 more vessels.

SHI builds the blocks in co-operation with Russia’s Zvezda shipbuilding complex, which outfits the vessels.

NOVATEK has claimed that the first stage of Arctic LNG 2 has started operations, and first shipments are expected in the first quarter of next year, Russian Deputy Prime Minister Alexander Novak said in an interview with the Rossiya 24 TV channel.

Novak said that Russia now ranks fourth in LNG export volumes. By the end of 2023, Russian enterprises would have most likely produced about 33 mill tonnes of LNG, which is around 8% of the world’s market.

Given all the projects that are currently in Russia's strategic plans for LNG market development, by 2035 the country should reach production of about 100 mill tonnes. "And we plan to occupy a niche of 15%/20% in world markets; generally the same share we had in pipeline gas supplies," Novak said.

He also said that earlier last year a decision was made to build an LNG plant in Murmansk: "Firstly, this is the Murmansk LNG plant, where three lines will be built. The decisions were made last year to build a gas pipeline in Murmansk and to have a 20 mill tonne plant there by 2029/2030." ■

ADNOC to supply Ruwais LNG to China

ADNOC has signed a 15-year Heads of Agreement (HoA) with ENN LNG (Singapore), a wholly-owned subsidiary of ENN Natural Gas, for the delivery of at least 1 mill tonnes per annum of LNG.

The LNG will primarily be sourced from ADNOC’s low-carbon Ruwais LNG project, currently under development in Al Ruwais Industrial City, Abu Dhabi.

The deliveries are expected to start in 2028, upon commencement of the facility’s commercial operations.

Rashid Khalfan Al Mazrouei, ADNOC Senior Vice President, Marketing, said: “This landmark LNG agreement from our ongoing Ruwais LNG project enhances ADNOC’s position as a reliable and responsible global energy provider and creates new opportunities for value-creation across our gas value chain as natural gas demand continues to increase.

“We are making excellent progress in delivering this strategic project as we grow our portfolio of lower-carbon energy solutions to enable the energy transition and we will continue to support our customers and partners on this journey,” he said.

Ruwais LNG is set to be the first LNG export facility in the Middle East and North Africa (MENA) region to run on clean power, making it one of the lowest-carbon intensity LNG plants in the world, supporting ADNOC’s accelerated Net Zero by 2045 ambition.

When completed the project will consist of two 4.8 mill tonnes per annum LNG liquefaction trains with a total capacity of 9.6 mill tonnes, which will more than double ADNOC’s LNG production capacity to help meet increased global demand for natural gas.

The HoA is contingent upon a final investment decision (FID) being taken, regulatory approvals, and the negotiation of a definitive Sale and Purchase Agreement (SPA) between the two companies. ■

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JERA to help the Philippines and Indonesia

Japanese energy importer JERA has signed an agreement with Philippines-based Association for Overseas Technical Co-operation and Sustainable Partnerships (AOTS) to offer support in adopting LNG in the country.

The Philippines is expected to expand its gas-fired thermal power generation interests, due to increased electricity demand on the back of the country's economic growth.

At the same time, with the country's domestic LNG production expected to decline, the full scale adoption of LNG has become an urgent issue for both supply and demand, JERA explained.

Under the terms of the agreement, JERA will carry out -

* Support for developing facilities related to the construction, operation and maintenance of LNG storage and regasification terminals, to gas transport and distribution systems and to third party access.
* Support in drafting national regulations on LNG in the Philippines.
* Support for a life cycle assessment of the environmental impact of natural gas.
* Share knowledge of LNG and natural gas with stakeholders and other parties in the Philippines.

JERA also explained that under the Philippines' Zero CO2 Emissions 2050 initiative, the challenge is to reach zero emissions from the company's national and international businesses by 2050.

To that end, the company is pursuing thermal power generation that emits no CO2. The policy is to draw up de-carbonisation roadmaps that are optimised for each country and region and then promote zero emissions through these roadmaps.

Pertamina MoU

JERA has also signed a Memorandum of Understanding (MoU) with Indonesian state-owned energy company Pertamina.

This MoU is aimed at collaborating in business discussions and was signed on the back of the recent ASEAN/Japan Economic Co-creation Forum.

It will lead to information sharing and discussions to enhance the value of the fuel value chain and to create business opportunities for LNG infrastructure investment and hydrogen/ammonia.

The collaboration will include LNG and hydrogen/ammonia transport and LNG receiving terminal operation & maintenance, as well as capacity building through benchmarking, training and/or exchange to improve the operational efficiency of LNG handling.

In addition, the parties will also consider the development of new businesses related to carbon capture utilisation and storage (CCUS).

Salyadi Saputra, Pertamina's Director of Strategy, Portfolio & New Ventures, said: "We recognise gas and LNG as pivotal transitional energy sources, anticipating significant advancements in major gas projects with Indonesia.

"Additionally, our collaborative efforts extend to low carbon fuel, through the development of hydrogen/ammonia projects, aimed a facilitating power producers in their de-carbonisation efforts through fuel substitution," he said.

JERA's Steven Winn

Steven Winn, JERA's Senior Managing Executive Officer and Chief of Global Strategist, added; "We understand that gas and LNG are key to the process of de-carbonisation in Indonesia.

"The de-carbonisation roadmap is not a one-size-fits-all guideline but needs to be custom-tailored for each country. Therefore, we will provide our cutting edge solution to the energy issues in Indonesia and strengthening their value chains for greener fuels.

"This MOU allows us to leverage our experiences and capabilities to help Indonesia achieve net zero emission," he said. ■

Petronet LNG's east coast terminal moves closer

Another Indian East Coast LNG receiving terminal moved a step closer at the end of last year.

Petronet LNG announced that it had signed binding transaction documents with Gopalpur Ports to develop a planned terminal.

A social media posting confirmed that the documents, including a sub-concession agreement, sub-lease deed, and port service agreement, were signed by the parties on 27th December, 2023.

Under these agreements, the Indian LNG importer will develop an FSRU-based LNG terminal with a capacity of about 4 mill tonnes per annum (Phase 1), with a provision for a 5 mill tonne land-based terminal at Gopalpur Port in Odisha State at a later date.

"Petronet LNG is in the process of setting up its maiden LNG terminal on the east coast of India at Gopalpur, District- Ganjam, Odisha, which would bring augmentation in overall regasification capacity in the country thereby contributing towards a gas-based economy," the company said in its posting.

Petronet currently operates the Dahej and Kochi LNG terminals located on India's West Coast. ■

NEWS NUDGE

Tellurian appoints financial adviser

Beleaguered LNG developer, Tellurian has hired a financial adviser to assist in balance sheet management.

The company had ousted Chairman and Co-founder, Charif Souki last month, weeks after auditors raised doubts about the company's ability to cover future expenses.

In a letter to shareholders, new Chairman, Martin Houston said the adviser will "assist with shaping commercial structures, as well as balance sheet management," Reuters reported without revealing more details.

Worley awarded CP2 EPC contract

Since Worley's original announcement on 10th May, 2023 regarding the agreement with Venture Global, a reimbursable engineering, procurement and construction (EPC) contract for Phase 1 of the CP2 LNG terminal in Louisiana has been signed.

The project is currently awaiting US Federal Energy Regulatory Commission (FERC) authorisation.

In the interim, Worley is working with Venture Global to progress the EPC services required to prepare the project for construction startup, the company said. ■

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DET takes over Brunsbüttel receiving terminal

On 1st January, 2024, German energy company RWE was due to hand over the LNG infrastructure built at Brunsbüttel to state- owned Deutsche Energy Terminal (DET) as planned.

Delivered by LNGCs, LNG is fed into the German gas grid after being regasified via an FSRU.

DET is the authorised operator of the FSRU terminal in Brunsbüttel and is also responsible for its capacity marketing.

RWE chartered the FSRU, ‘Hoegh Gannet’ on behalf of the German Government after the start of the Russian/Ukrainian conflict in February, 2022 and built the infrastructure at Brunsbüttel to strengthen Germany's security of supply and reduce its dependence on Russian pipeline gas.

The Elbehafen project was built in record time and was put into operation by RWE last year.

DET has taken control of the Brunsbüttel LNG receiving terminal

DET is also closing auctions for regasification capacities for the second time.

Auctions for the terminal in Stade were carried out as planned; 11 of the 15 regasification slots offered were marketed.

DET is responsible for marketing and operating the four FSRU terminals located on the German North Sea coast.

On two marketing days, 11th and 14th December, 2023 market participants took 50% of the total time slots for regasification capacities (short-term capacities) for April to December, 2024 at the Stade terminal, which is currently under construction.

Slots were allocated to retailers both without and with delivery obligations. Eleven of the slots on offer were priced at €55 each per MMBtu. The remaining four slots will be allocated at a later date.

“Given the fact that we are experiencing a mild winter so far, full gas storage levels and that most gas traders already have theirs in October, once we have completed our annual planning, we are very satisfied with the result of our auctions for the Stade location.

“Because the result confirms our assumption that despite the current market conditions. there is a need for regasification capacity on the German coast,”said Dr Peter Röttgen, DET’s Managing Director.

More auctions are planned for all four DET terminals in April, 2024, both for short-term and long-term capacity allocations. ■

GAC moves into Stade

To take advantage of the new LNG facilities being built, GAC Germany, a provider of shipping and logistics services, opened an office in Stade on 1st January, 2024.

The company said that it aimed to expand its presence in the region to meet growing demand for services to support Germany’s shipping and energy sectors.

With direct access to the North Sea, the Port of Stade is the third-largest port in the Niedersachsen region by cargo handling volume and is situated on the River Elbe, between Hamburg – the home of GAC Germany’s main office – and Cuxhaven.

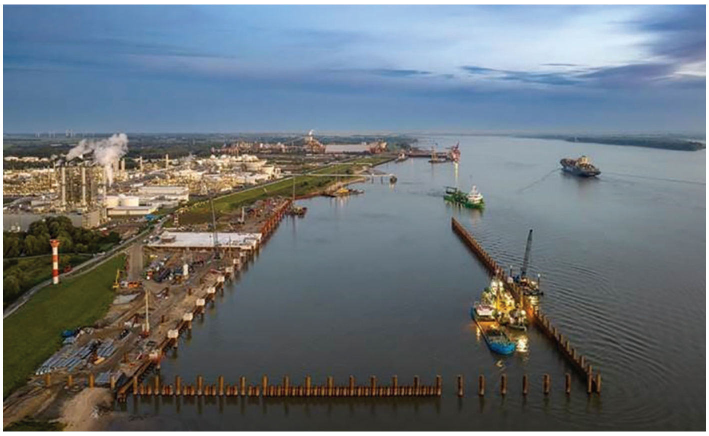
The port is set to play a major role in Germany’s quest to increase LNG import capacity, as it is positioned to serve the Hanseatic Energy Hub (HEH), a future-flexible LNG receiving terminal that is currently under development.

With the opening of the new office, GAC Germany is positioned to serve both existing drybulk customers, liquid bulk customers and future gas carrier clients at Stade, offering a range of ship agency and logistics services, the company said.

The Stade office is being run by Ronald Kleinitzke, a shipping industry veteran of more than 20 years’ experience who has a wealth of knowledge of Stade, the local region and surrounding ports.

“With the growth of LNG infrastructure progressing apace in Germany, it is strategically imperative for us to be present in Stade,” said Thies Holm, GAC Germany’s General Manager.

“We have supported LNG carriers in the region with ship agency services for a number of years but we believe that the time is right for us to establish a permanent base alongside the land-based terminal to extend our industry-leading ship agency services as Germany’s LNG capacity expands.



GAC has opened an office at Stade

“We are committed to supporting our shipowner and shipmanagement customers wherever they go. With significantly more vessels set to call at Stade and the surrounding area, we will now be better placed to serve them in true GAC style,” he added.

Prime facility

HEH is one of the country’s prime future LNG terminals. Costing around $1 bill, the facility is expected to commence operations in 2027.

It has been designed to secure 15% of Germany’s existing LNG demand, as well as handle other low-carbon energy sources, and support its green energy transition, enabling the development of hydrogen production.

The hub will include a storage facility, a truck-loading facility and a jetty for bunkering vessels.

Until fixed terminals become operational, Germany is using three FSRUs thus far at Wilhelmshaven, Brunsbuettel and Lubmin to handle LNG imports. ■

Seatrium hands over NFE's FSRU

Singapore engineering company, Seatrium has delivered the FSRU, 'Energos Celsius', to New Fortress Energy (NFE).

'Energos Celsius' is owned by Energos Infrastructure, a marine infrastructure platform backed by Apollo funds and NFE, and is on a long-term charter to NFE in Brazil.

The FSRU was completed safely, on time and within budget, and has left Seatrium's Singapore shipyard for Brazil. Upon her arrival, she will be deployed at NFE's completed LNG terminal in Barcarena, Pará state, Brazil.

Marlin Khiew, Seatrium's Executive Vice President, Oil & Gas (Americas), said, "We would like to express our appreciation to New Fortress Energy for their trust and confidence in our commitment and capabilities, as well as for the strong teamwork throughout the duration of the project.

"We are proud to successfully deliver the FSRU to New Fortress Energy and look forward to partnering with them on more projects.

"This project marks Seatrium's fourth FSRU project for Brazil and it demonstrates our commitment and reliability in supporting the development and growth of the country's oil and gas industry," he said.

FSRU 'Energos Celsius' will have a nominal regasification capacity of 750 mill standard cu ft per day, up to a maximum capacity of 1,000 mill cu ft.

The unit will be a critical part of NFE's LNG terminal development at Barcarena, which includes a long-term gas contract to supply Norsk Hydro at the Alunorte alumina refinery, a 630 MW gas-to-power project under construction by NFE, and further power and fuel expansion projects in the region.

This LNG import terminal will be the first LNG import facility in the state of Pará and the Northern region of Brazil.

Successful delivery of FSRU Energos Celsius to New Fortress Energy (Image: Seatrium Limited, All Rights reserved)

FGEN awards first LNG cargo

Philippines-based First Gen Corp (FGEN) has concluded an international tender for an LNG cargo and awarded a contract to TotalEnergies Gas & Power Asia (TEGPA).

TEGPA will supply an LNG cargo of around 154,500 cu m with delivery in early February, 2024 on a delivered ex ship (DES) basis to a wholly-owned subsidiary, First Gen Singapore (FGEN Singapore).

An LNGC will discharge the cargo into the FSRU 'BW Batangas' that is berthed at the First Gen Clean Energy Complex (FGCEC) in Batangas City.

FGEN has constructed an offshore LNG terminal and agreed a five-year timecharter for the FSRU, which will provide LNG storage and regasification services, as part of the project.

NNPC to utilise FLNGs

Nigerian National Petroleum Corp (NNPC) has signed a shareholders agreement with indigenous company, UTM Offshore and the Delta State Government to develop the first FLNG in the country.

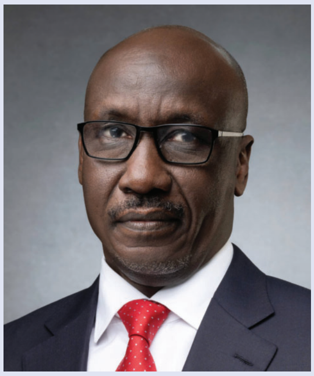
"In the next two or three years, we will use gas to bring about a revolution in our country. The outcome will be clear on the table; there will be prosperity and value will be created, not just for creating gas for export but progressing on all our initiatives of bringing gas into the domestic market.

"Our backbone infrastructures are almost ready to ensure we achieve that. Once that happens, we will see the immediate impact on the power sector, gas-based industries and several other collateral value that this will create," said Mele Kyari, NNPC's Group CEO.

Describing the FLNG project as a task that must be done, Kyari added that Nigeria is a gas country whose abundant resources have been under utilised. He said that the new focus was to monetise the gas resources for the benefit of the country and the world.

He also revealed that this project is one of several FLNGs that NNPC is promoting, including fixed LNG projects.

The FLNG is expected to to produce 1.83 - 2.72 mill tonnes of gas per annum. The equity in the project is split between NNPC (20%), UTM (72%) and Delta (8%).



NNPC CEO, Mele Kyari

Capital finalises LNGC purchases

Towards the end of last month, Capital Product Partners (CPLP) closed the umbrella agreement entered into on 13th November, 2023 with Capital Maritime & Trading Corp and Capital GP.

This called for the acquisition of 11 newbuilding LNGCs from Capital Maritime for a total of $3.13 bill.

Upon the closing, CPLP entered into 11 share purchase agreements (SPAs) to acquire 100% of the equity interests in each vessel owning company.

Each vessel will have a capacity of 174,000 cu m and was built or is under construction at Hyundai Heavy Industries (HHI) and Hyundai Samho Heavy Industries (HSHI) shipyards.

For the umbrella agreement, CPLP conducted a rights offering to finance $500 mill of the purchase price for the vessels.

In addition to commercial debt and the rights offering, Capital Maritime also issued an unsecured seller's credit equal to $220 mill to finance part of the purchase price for the vessels.

Following the closing of this agreement, CPLP said it would explore the disposal of its containerships and will stop acquiring additional container vessels.

The company has also agreed to change its name. In addition, Capital Maritime and the General Partner will negotiate and jointly work with tax and other advisors to agree terms for the conversion from a Marshall Islands limited partnership to a corporation with customary corporate governance provisions by 21st June, 2024.

> “We are very pleased to see the closing of this very important first step in the transformation of the Partnership ....”
>
> *- Jerry Kalogiratos, General Partner CEO*

Jerry Kalogiratos, General Partner CEO, commented: “We are very pleased to see the closing of this very important first step in the transformation of the Partnership into a one of the largest US listed owners of 2-stroke, latest generation LNG carriers.

“Together with the other steps that we have laid out, such as the transformation of the Partnership into a corporation, we hope to over time attract additional investor interest and allow our equity valuation to move closer to our peers,” he said. ■

Awilco settles collision claim

Awilco LNG has agreed a full and final settlement agreement between the owners and insurance companies on both sides of a dispute.

The dispute centered on the ‘Wil-Force’ being allegedly struck by another vessel in the Singapore Straits.

According to the settlement, Awilco will receive around $4.9 mill as full and final compensation for cost and lost time following the collision.

As no effects of this claim have been reflected in Awilco LNG's financial statements, the compensation received will be booked as income in the fourth quarter of 2023, the company said. ■

NEWS NUDGE

Ships - Newbuildings, charters, deliveries, recycling

Samsung Heavy Industries has announced it has won a $1.6 bill order for an FLNG on behalf of North American interests.

The order is conditional on the project taking a final investment decision (FID), SHI said in a filing.

SHI has been working with Black & Veatch on this project and an engineering, procurement and construction (EPC) contract has been awarded to the consortium.

The project should be operational by 2028. No other details were revealed, however, one report suggested that Canadian developer, Cedar LNG was behind the contract.

Elsewhere, Asyad Shipping, a subsidiary of Oman's Asyad Group, has signed a contract with Oman LNG for a long-term charter of two 174,000 cu m newbuilding LNGCs.

They are currently under construction at Hyundai Samho Heavy Industries for delivery to Asyad by June, 2026.

On 19th December, Mitsui OSK Lines (MOL) held a naming ceremony for the second 174,000 cu m, ME-GA newbuilding LNGC to operate for GAIL (India), at the Okpo Shipyard of Hanwha Ocean.

After her delivery, ‘GAIL Unja’ headed towards US to load her first cargo. The LNGC will operate mainly from North America to India under a timecharter contract with GAIL.

She is managed by Northern Marine.

The former 1977-built LNGC ‘Gandria’ was beached at Alang on 25th December for recycling.

She arrived under tow carrying the name ‘Ria’. ■

Norton Rose Fulbright's advises LNG project's debt providers

A Norton Rose Fulbright cross-border team represented the debt providers to Houston-based NextDecade Corp's Rio Grande LNG (RGLNG) export terminal.

With a total debt and equity financing value of $18.4 bill, this is the largest single LNG project financing in the US to date and, according to company and other sources, is also the largest greenfield energy project financing in US history.

Phase 1 of RGLNG, located at Brownsville, Texas, includes the construction of three liquefaction trains at the 27 mill tonnes per annum LNG export facility. ■

Kumul arranges funds for Santos' stake

Australian LNG developer, Santos has confirmed that funding for the sale of 2.6% of Papua New Guinea's PNG LNG to Kumul Petroleum Holdings (Kumul) is in place.

Kumul has paid around $250 mill into an escrow account with Santos as part payment of the purchase price.

In addition, Kumul has executed binding funding arrangements for the remainder of the consideration, which will be available for drawdown by 31st January. 2024.

Approval by the Papua New Guinea independent Consumer and Competition Commission (ICCC) for the sale has also been received, satisfying the only condition outstanding for the transaction. ■

Chart announces LNG contracts

Chart Industries has announced that it had received multiple LNG-related orders recently.

These included:

- Patented IPSMR liquefaction technology for two modular trains of a multi-train international Big LNG project.
- IPSMR liquefaction technology for a mid-scale plant in Asia/Pacific.
- North American small-scale LNG nitrogen cycle technology and associated equipment.
- Various LNG infrastructure related orders, including tanks, fuelling stations in Europe, and Morocco's first LNG regasification units.
- Repair and service work at a Middle East LNG project.

"As anticipated, we continue to see strong market and award activity across the four pillars of our LNG strategy, including Big LNG, small scale and floating LNG, infrastructure, and service & repair," explained Jill Evanko, Chart's CEO and President.

"Not only do our recent orders cover all four LNG categories, but they include commercial synergy wins with both Chart and Howden content. Further, our LNG commercial pipeline remains strong, as we see a clear shift in customers' preference for our modular solution, which drives multiple awards across many years, as projects are developed," she said.

NEWS NUDGE

Fluxys to auction two cargoes

Fluxys LNG has offered two standard size slots to unload, store and regasify LNG cargoes at the Zeebrugge LNG Terminal, starting on 25th and 30th March, 2024.

For these cargoes, Fluxys LNG commercialised the right to unload, store and regasify up to 140,000 cu m LNG over 10 days.

Both auctions will take place on 17th January.

Vitol consolidates shipping interests

Since 1st January, 2024, all of Vitol's shipping interests have been consolidated into a Singaporean company, Vitol International Shipping.

It is headed up by Kit Kernon, Vitol's head of shipping.

Vitol International Shipping is the new name for Mansel, Vitol's original Singapore-based shipping company.

LSC, Vitol's technical shipmanagement company, will continue to operate from Riga, Latvia.

Shell confirms 'Prelude' restart

Shell Australia has confirmed that LNG cargo loading had resumed from the FLNG 'Prelude' last week, following a major maintenance period.

The giant FLNG unit, located around 475 km off the west coast of Australia, underwent several months of repairs following operational issues.

According to ICIS' Alex Froley, the LNGC 'Orion Bohemia' sailed from the huge FLNG with a cargo on 27th December, the first to leave since 19th August.

EXMAR's new CEO

Carl-Antoine Saverys became EXMAR's new CEO on 1st January, 2024.

After various roles in the shipping industry, for the past six years he has been employed in deputy roles at EXMAR's infrastructure department, followed by the shipping department, the company said.

Joining him at executive management level are newly appointed CFO, Hadrien Bown, and Executive Director Infrastructure, Jonathan Raes, a member of the Executive Committee since 2018.

On the same day, Francis Mottrie assumed the role as COO, alongside Jens Ismar, Director Shipping.

Both remain on the board of EXMAR's Executive Committee to support the transition.

Monthly Large LNGC Values*

Newbuildings (174,000 cu m)	$256.06 mill
Five years old (174,000 cu m)	$218.53 mill
Total Fleet (578 ships)	$91.08 bill
Orderbook (355 ships)	$92.33 bill

Source: VesselsValue (30/11/23)

**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	$67,000	-$8,000
West of Suez	$95,000	-$10,000
12 mos T/C	$67,500	-$1,500

**Since last report (21/12/23)*

Source: Fearnleys (03/01/24)

WORLD LNG CARRIER ORDERBOOK

Name	Propulsion	Capacity	Ordered	Delivery	Owners	Yard
Daewoo 2531	MEGI	174000	2021-11-01	2025-05-01	BWGas	Hanwha Ocean
Daewoo 2530	MEGI	174000	2021-11-01	2025-03-01	BWGas	Hanwha Ocean
Hudong-zhonghua H1900a	XDF	174000	2023-06-01	2028-03-01	COSCO, MOL, ENN	Hudong-Zhonghua
Hudong-zhonghua H1899a	XDF	174000	2023-06-01	2027-12-01	COSCO, MOL, ENN	Hudong-Zhonghua
Hudong-zhonghua H1898a	XDF	174000	2023-06-01	2027-10-01	COSCO, MOL, ENN	Hudong-Zhonghua
Hudong-zhonghua H1891a	XDF	174000	2023-06-01	2027-10-01	NYK	Hudong-Zhonghua
Hd Hyundai Ulsan 3443		174000	2023-04-28	2027-08-01	NYK	Hyundai Heavy
Dalian No 1 G175k-13		175000	2023-08-21	2027-07-01	Wah Kwong, China Gas, CSSC	Dalian Shipbuilding
Hd Hyundai Ulsan 3442		174000	2023-04-28	2027-06-01	NYK	Hyundai Heavy
Hd Hyundai Ulsan 3441		174000	2023-04-28	2027-03-01	NYK	Hyundai Heavy
Hanwha Ocean 2584	ME-GA	174000	2023-08-01	2027-01-31	MOL	Hanwha Ocean
Dalian No 1 G175k-12		175000	2023-08-21	2027-01-01	Wah Kwong, China Gas, CSSC	Dalian Shipbuilding
Samsung 2663	ME-GA	174000	2023-01-20	2027-01-01	MOL	Samsung
Daewoo 2575	MEGI	200000	2023-03-01	2026-12-01	Venture Global LNG	Hanwha Ocean
Hudong-zhonghua H1888a	XDF	174000	2023-06-01	2026-12-01	NYK	Hudong-Zhonghua
Samsung 2665	ME-GA	174000	2023-03-31	2026-11-01	K-Line	Samsung
Hudong-zhonghua H1887a	XDF	174000	2023-06-01	2026-10-01	NYK	Hudong-Zhonghua
Samsung 2662	ME-GA	174000	2023-01-20	2026-09-01	MOL	Samsung
Daewoo 2574	MEGI	200000	2023-03-01	2026-09-01	Venture Global LNG	Hanwha Ocean
Samsung 2664	ME-GA	174000	2023-03-31	2026-08-01	K-Line	Samsung
Hudong-zhonghua H1886a	XDF	174000	2023-06-01	2026-08-01	NYK	Hudong-Zhonghua
Hudong-zhonghua H1909a	XDF	174000	2023-06-01	2025-12-01	ULT	Hudong-Zhonghua
Hudong-zhonghua H1908a	XDF	174000	2023-06-01	2025-11-01	ULT	Hudong-Zhonghua
China Merchants Jiangsu Cmhi-282-01	ME-GA	180000	2023-05-01	2026-03-01	Celsius Shipping	China Merchants HI Jiangsu
China Merchants Jiangsu Cmhi-282-02	ME-GA	180000	2023-05-01	2026-07-01	Celsius Shipping	China Merchants HI Jiangsu
China Merchants Jiangsu Cmhi-282-03	ME-GA	180000	2023-05-01	2026-11-01	Celsius Shipping	China Merchants HI Jiangsu
China Merchants Jiangsu Cmhi-282-04	ME-GA	180000	2023-05-01	2027-03-01	Celsius Shipping	China Merchants HI Jiangsu
Samsung 2687		174000	2023-11-01	2026-09-01	MOL	Samsung
Hd Hyundai Ulsan 3453	XDF	200000	2023-04-01	2027-07-01	Dynagas	Hyundai Heavy
Hyundai Ulsan 3435	XDF	200000	2023-01-01	2026-07-01	Dynagas	Hyundai Heavy
Hyundai Ulsan 3434	XDF	200000	2023-01-01	2026-04-01	Dynagas	Hyundai Heavy
Hyundai Ulsan 3433	XDF	200000	2023-01-01	2025-12-01	Dynagas	Hyundai Heavy
Daewoo 2559	ME-GA	174000	2022-06-01	2025-02-01	SK Shipping, Pan Ocean, H-Line	Hanwha Ocean
Hyundai Ulsan 3394	XDF	174000	2022-07-01	2025-12-01	Knutsen	Hyundai Heavy
Hyundai Ulsan 3393	XDF	174000	2022-07-01	2025-12-01	Knutsen	Hyundai Heavy
Hyundai Ulsan 3386	XDF	174000	2022-07-01	2025-08-01	Knutsen	Hyundai Heavy
Daewoo 2533	MEGI	174000	2022-01-01	2024-09-01	GasLog	Hanwha Ocean
North Mountain	XDF	174000	2021-10-01	2023-12-01	NYK	Samsung
Samsung 2579	ME-GA	180000	2021-07-01	2024-03-01	Celsius Shipping	Samsung
Ignacy Lukasiewicz	ME-GA	174000	2021-07-01	2024-03-01	Knutsen	Hyundai Samho
Energy Fortitude	XDF	174000	2021-07-01	2024-04-01	Alpha Gas	Hyundai Samho
Samsung 2461	ME-GA	180000	2021-07-01	2023-12-01	Celsius Shipping	Samsung
Nikolay Basov	TFDE - Azipod	172500	2020-08-01	2024-03-01	MOL, COSCO	Hanwha Ocean
Lev Landau	TFDE - Azipod	172500	2020-08-01	2024-01-01	Hanwha Ocean	Hanwha Ocean
Zhores Alferov	TFDE - Azipod	172500	2020-08-01	2024-03-01	Hanwha Ocean	Hanwha Ocean
Ilya Mechnikov	TFDE - Azipod	172500	2020-08-01	2024-03-01	MOL, COSCO	Hanwha Ocean

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 = 30 November 2023

Fearnley LNG

Name	Propulsion	Capacity	Ordered	Delivery	Owners	Yard
Pyotr Kapitsa	TFDE - Azipod	172500	2020-08-01	2024-01-01	Hanwha Ocean	Hanwha Ocean
Marvel Dove	ME-GA	174000	2022-01-01	2024-09-01	SK Shipping	Hyundai Samho
Marseille Knutsen	ME-GA	174000	2021-07-01	2025-09-01	Knutsen	Hyundai Samho
Emei	XDF	174000	2021-12-01	2024-09-01	ULT	Hudong-Zhonghua
Orion Sinead	XDF	174000	2020-12-01	2024-11-01	JP Morgan	Hyundai Heavy
HHI Nov 1		174000	2023-11-14	2027-11-30	Evalend Shipping	Hyundai Heavy
HHI Nov 2		174000	2023-11-14	2028-01-31	Evalend Shipping	Hyundai Heavy
DALIAN NO 1 G175K-6	XDF	175000	2023-03-01	2026-10-01	China Merchant	Dalian Shipbuilding
DALIAN NO 1 G175K-5	XDF	175000	2023-03-01	2026-08-01	China Merchant	Dalian Shipbuilding
JIANGSU YANGZI XINFU	ME-GA	175000	2022-10-01	2025-11-01	Hammonia Reederei	Yangzijiang YZJ2022-1475
JIANGSU YANGZI XINFU	ME-GA	175000	2022-10-01	2026-05-01	Hammonia Reederei	Yangzijiang YZJ2022-1476
Lng Ping Hu	XDF	78900	2023-07-01	2024-12-31	Zhejiang Huaxiang	Jiangsu Yixiang
Shandong 1		175000	2023-03-01	2027-03-01	ADS, AES Panama LNG	Jiangnan
Samsung 2609	ME-GA	174000	2022-02-01	2025-06-01	H-Line	Samsung
Samsung 2608	ME-GA	174000	2022-02-01	2025-05-01	H-Line	Samsung
Samsung 2610	ME-GA	174000	2022-02-01	2025-09-01	H-Line	Samsung
Hudong-zhonghua H1882a	XDF	174000	2022-01-01	2025-10-01	MOL	Hudong-Zhonghua
Samsung 2592		174000	2021-10-01	2024-03-01	JP Morgan	Samsung
Celsius 6	ME-GA	180000	2023-10-24	2027-09-01	Celsius Shipping	China Merchants HI Jiangsu
Celsius 5	ME-GA	180000	2023-10-24	2027-06-01	Celsius Shipping	China Merchants HI Jiangsu
Coral Evolution	XDF	29400	2021-06-01	2023-12-01	Anthony Veder	Hyundai Mipo
Hd Hyundai Ulsan 3454	XDF	174000	2023-08-02	2026-12-01	Evalend Shipping	Hyundai Heavy
Hd Hyundai Ulsan 3455	XDF	174000	2023-08-02	2027-06-30	Evalend Shipping	Hyundai Heavy
MOL Coral	ME-GA	174000	2021-06-01	2024-01-01	MOL	Hanwha Ocean
Daewoo 2521	MEGI	174000	2021-05-01	2024-01-01	Hyundai LNG Shipping	Hanwha Ocean
Hudong-zhonghua H1889a	XDF	174000	2022-04-01	2027-03-01	NYK	Hudong-Zhonghua
Hudong-zhonghua H1890a	XDF	174000	2022-04-01	2027-05-01	NYK	Hudong-Zhonghua
Hudong-zhonghua H1903a	XDF	174000	2023-05-01	2028-12-01	CSSC	Hudong-Zhonghua
Hudong-zhonghua H1902a	XDF	174000	2023-05-01	2028-09-01	CSSC	Hudong-Zhonghua
Hudong-zhonghua H1901a	XDF	174000	2023-05-01	2028-05-31	CSSC	Hudong-Zhonghua
Hd Hyundai Ulsan 3444		174000	2023-05-01	2027-08-31	NYK	Hyundai Heavy
Cosco 3		175000	2023-08-31	2028-04-01	COSCO	Dalian Shipbuilding
Cosco 2		175000	2023-08-31	2027-06-01	COSCO	Dalian Shipbuilding
HANWHA OCEAN 2582	MEGI	174000	2023-04-01	2027-06-01	Maran Gas Maritime	Hanwha Ocean
Cosco 1		175000	2023-08-31	2027-03-01	COSCO	Dalian Shipbuilding
Samsung 2584	ME-GA	180000	2021-08-01	2027-02-01	Celsius Shipping	Samsung
Daewoo 2573	ME-GA	174000	2022-09-01	2026-07-01	TMS Cardiff Gas	Hanwha Ocean
Daewoo 2572	ME-GA	174000	2022-09-01	2026-04-01	TMS Cardiff Gas	Hanwha Ocean
Samsung 2640	ME-GA	174000	2022-09-01	2025-10-01	JP Morgan	Samsung
Daewoo 2535	MEGI	174000	2022-01-01	2025-09-01	GasLog	Hanwha Ocean
Kool Panther	ME-GA	174000	2022-06-01	2024-12-01	Cool Co	Hyundai Samho
Kool Tiger	ME-GA	174000	2022-06-01	2024-08-31	Cool Co	Hyundai Samho
Daewoo 2532	MEGI	174000	2022-01-01	2024-07-01	GasLog	Hanwha Ocean
Pyotr Stolypin	TFDE - Azipod	172600	2019-09-01	2024-06-01	Smart LNG	Zvezda SSK
Pacific Success	XDF	173400	2019-12-01	2024-03-01	SinoKor	Samsung
Samsung 2669		174000	2023-06-01	2028-02-01	Chevron	Samsung
Samsung 2668		174000	2023-06-01	2027-12-01	Chevron	Samsung
Hyundai Samho 8210	XDF	174000	2023-02-01	2027-12-01	NYK	Hyundai Samho
Hanwha Ocean 2583	ME-GA	174000	2023-04-01	2027-08-01	MOL	Hanwha Ocean
Hyundai Samho 8209	XDF	174000	2023-02-01	2027-07-01	NYK	Hyundai Samho
Archon	ME-GA	174000	2023-03-01	2027-03-01	Capital Gas	Hyundai Samho

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DRL = slow speed diesel, FSRU = vessel with regas capacity, FLNG = floating LNG production unit
Data last updated = 30 November 2023

Fearnley LNG

Name	Propulsion	Capacity	Ordered	Delivery	Owners	Yard
Hanwha Ocean 2580	ME-GA	174000	2023-02-01	2027-03-01	MOL	Hanwha Ocean
Athlos	ME-GA	174000	2023-03-01	2027-02-01	Capital Gas	Hyundai Samho
Hyundai Samho 8208	XDF	174000	2023-02-01	2026-12-01	NYK	Hyundai Samho
Antaios I	ME-GA	174000	2023-01-01	2026-11-01	Capital Gas	Hyundai Samho
Alcaios I	ME-GA	174000	2023-01-01	2026-09-01	Capital Gas	Hyundai Samho
Nikolay Semenov	TFDE - Azipod	172500	2020-08-01	2026-05-01	MOL, COSCO	Hanwha Ocean
Energy Endurance	XDF	174000	2021-07-01	2024-03-01	Alpha Gas	Hyundai Samho
Hyundai Samho 8189	ME-GA	174000	2022-05-01	2025-08-01	SK Shipping	Hyundai Samho
HYUNDAI SAMHO 8239	XDF	174000	2023-02-01	2027-10-01	NYK	Hyundai Samho
HYUNDAI SAMHO 8238	XDF	174000	2023-02-01	2027-05-01	NYK	Hyundai Samho
DAEWOO 2558	ME-GA	174000	2022-09-01	2026-09-01	MOL	Hanwha Ocean
Daewoo 2527	ME-GA	174000	2021-10-01	2024-07-01	MOL	Hanwha Ocean
HANWHA OCEAN 2581	MEGI	174000	2023-04-01	2027-04-01	Maran Gas Maritime	Hanwha Ocean
Samsung 2318	ME-GA	173400	2019-12-01	2027-06-01	SinoKor	Samsung
Samsung 2316	ME-GA	173400	2019-12-01	2026-12-01	SinoKor	Samsung
Samsung 2317	ME-GA	173400	2019-12-01	2027-03-01	SinoKor	Samsung
Agamemnon	ME-GA	174000	2022-06-01	2026-03-01	Capital Gas	Hyundai Samho
Shandong 2		175000	2023-03-01	2027-07-01	Shandong Marine	Jiangnan
Archimidis	ME-GA	174000	2022-06-01	2026-01-01	Capital Gas	Hyundai Samho
Aktoras	ME-GA	174000	2021-09-01	2024-07-01	Capital Gas	Hyundai Samho
Hyundai Samho 8179	ME-GA	174000	2022-03-01	2025-03-01	Knutsen	Hyundai Samho
Daewoo 2542	ME-GA	200000	2022-03-01	2025-10-01	Venture Global LNG	Hanwha Ocean
Daewoo 2541	ME-GA	200000	2022-03-01	2025-07-01	Venture Global LNG	Hanwha Ocean
Samsung 2659	ME-GA	174000	2022-11-01	2027-09-01	Seapeak	Samsung
HUDONG-ZHONGHUA H1796A	XDF	174000	2022-09-01	2027-12-01	MOL	Hudong-Zhonghua
Samsung 2660	ME-GA	174000	2022-11-01	2027-12-01	Seapeak	Samsung
HUDONG-ZHONGHUA H1795A	XDF	174000	2022-09-01	2027-07-01	MOL	Hudong-Zhonghua
Samsung 2658	ME-GA	174000	2022-11-01	2027-08-01	Seapeak	Samsung
HUDONG-ZHONGHUA H1794A	XDF	174000	2022-09-01	2027-02-01	MOL	Hudong-Zhonghua
Samsung 2656	ME-GA	174000	2022-11-01	2027-03-01	Seapeak	Samsung
Samsung 2657	ME-GA	174000	2022-11-01	2027-05-01	Seapeak	Samsung
Hd Hyundai Ulsan 3452	XDF	200000	2023-04-01	2027-05-01	Dynagas	Hyundai Heavy
Hudong-zhonghua H1897a	XDF	174000	2022-09-01	2027-06-01	K-Line	Hudong-Zhonghua
Samsung 2647	ME-GA	174000	2022-06-01	2026-08-01	JP Morgan	Samsung
Daewoo 2543	ME-GA	200000	2022-03-01	2025-12-01	Venture Global LNG	Hanwha Ocean
Hyundai Ulsan 3399	XDF	174000	2022-08-01	2026-09-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hyundai Heavy
Hudong-zhonghua H1894a	XDF	174000	2022-09-01	2026-10-01	K-Line	Hudong-Zhonghua
Hudong-zhonghua H1895a	XDF	174000	2022-09-01	2026-12-01	K-Line	Hudong-Zhonghua
Hyundai Ulsan 3400	XDF	174000	2022-08-01	2026-12-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hyundai Heavy
Hyundai Ulsan 3401	XDF	174000	2022-08-01	2026-12-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hyundai Heavy
Samsung 2636	ME-GA	174000	2022-04-01	2026-03-01	TMS Cardiff Gas	Samsung
HUDONG-ZHONGHUA H1893A	XDF	174000	2022-07-01	2026-03-01	COSCO	Hudong-Zhonghua
Samsung 2644	ME-GA	174000	2022-06-01	2026-05-01	JP Morgan	Samsung
Hudong-zhonghua H1800a	XDF	174000	2022-09-01	2026-05-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hudong-Zhonghua
Hyundai Samho 8204		174000	2023-01-01	2026-05-01	Oman Shipping Co.	Hyundai Samho
Hudong-zhonghua H1884a	XDF	174000	2022-01-01	2026-06-01	MOL	Hudong-Zhonghua
Samsung 2645	ME-GA	174000	2022-06-01	2026-06-01	JP Morgan	Samsung
Hyundai Samho 8205		174000	2023-01-01	2026-06-01	Oman Shipping Co.	Hyundai Samho

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Data last updated = 30 November 2023

Name	Propulsion	Capacity	Ordered	Delivery	Owners	Yard
Samsung 2646	ME-GA	174000	2022-06-01	2026-07-01	JP Morgan	Samsung
Hyundai Ulsan 3398	XDF	174000	2022-08-01	2026-07-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hyundai Heavy
Hudong-zhonghua H1801a	XDF	174000	2022-09-01	2026-07-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hudong-Zhonghua
Samsung 2641	ME-GA	174000	2022-06-01	2025-11-01	JP Morgan	Samsung
Dalian No 1 G175k-3	XDF	175000	2022-09-01	2025-11-01	China Merchant	Dalian Shipbuilding
Hudong-zhonghua H1798a	XDF	174000	2022-09-01	2025-11-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hudong-Zhonghua
Clean Srocco	ME-GA	200000	2022-03-01	2025-12-01	Dynagas	Hyundai Heavy
Hyundai Ulsan 3396	XDF	174000	2022-08-01	2025-12-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hyundai Heavy
Samsung 2642	ME-GA	174000	2022-06-01	2026-01-01	JP Morgan	Samsung
Clean Destiny	ME-GA	200000	2021-05-01	2023-11-01	Dynagas	Hyundai Heavy
Puteri Sejinjang	XDF	174000	2021-04-01	2024-07-01	Hyundai LNG Shipping	Hyundai Heavy
Dalian No 1 G175k-4	XDF	175000	2022-09-01	2026-01-01	China Merchant	Dalian Shipbuilding
Hyundai Ulsan 3397	XDF	174000	2022-08-01	2026-01-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hyundai Heavy
Samsung 2643	ME-GA	174000	2022-06-01	2026-02-01	JP Morgan	Samsung
Hudong-zhonghua H1799a	XDF	174000	2022-09-01	2026-02-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hudong-Zhonghua
Samsung 2652	ME-GA	174000	2022-11-01	2026-02-01	Minerva Marine	Samsung
Hudong-zhonghua H1883a	XDF	174000	2022-01-01	2026-03-01	MOL	Hudong-Zhonghua
HUDONG-ZHONGHUA H1892A	XDF	174000	2022-07-01	2025-10-01	COSCO	Hudong-Zhonghua
Hyundai Ulsan 3395	XDF	174000	2022-08-01	2025-08-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hyundai Heavy
Samsung 2638	ME-GA	174000	2022-06-01	2025-08-01	JP Morgan	Samsung
Hudong-zhonghua H1790a	XDF	175000	2021-10-01	2024-09-01	MOL	Hudong-Zhonghua
Hudong-zhonghua H1896a	XDF	174000	2022-09-01	2027-03-01	K-Line	Hudong-Zhonghua
Orion Gaugin	ME-GA	174000	2021-07-01	2025-09-01	JP Morgan	Hyundai Heavy
Samsung 2639	ME-GA	174000	2022-09-01	2025-09-01	JP Morgan	Samsung
Hudong-zhonghua H1797a	XDF	174000	2022-09-01	2025-09-01	NYK, MISC, K-Line, China LNG Shipping Holdings	Hudong-Zhonghua
Samsung 2611	ME-GA	174000	2022-09-01	2025-01-01	Pan Ocean, SK Shipping, H-Line	Samsung
Samsung 2619	ME-GA	180000	2022-03-01	2025-10-01	Celsius Shipping	Samsung
Hyundai Samho 8174	XDF	174000	2022-08-01	2025-10-01	NYK	Hyundai Samho
Hyundai Ulsan 3370	ME-GA	174000	2022-05-01	2025-02-01	SK Shipping	Hyundai Heavy
Hyundai Samho 8188	ME-GA	174000	2022-05-01	2025-07-01	SK Shipping	Hyundai Samho
Orion Hugo	ME-GA	174000	2021-07-01	2025-07-01	JP Morgan	Hyundai Heavy
Hyundai Samho 8180	ME-GA	174000	2022-03-01	2025-06-01	Knutsen	Hyundai Samho
Hyundai Ulsan 3381	XDF	174000	2022-06-01	2025-06-01	Knutsen	Hyundai Heavy
Samsung 2634	ME-GA	174000	2022-06-01	2025-05-01	JP Morgan	Samsung
Samsung 2599	ME-GA	180000	2021-12-01	2025-05-01	Celsius Shipping	Samsung
Hyundai Ulsan 3380	XDF	174000	2022-06-01	2025-05-01	Knutsen	Hyundai Heavy
Hudong-zhonghua H1793a	XDF	175000	2021-10-01	2025-05-01	MOL	Hudong-Zhonghua
Hyundai Samho 8175	XDF	174000	2022-01-01	2025-04-01	H-Line	Hyundai Samho
Clean Levant	ME-GA	200000	2022-03-01	2025-04-01	Dynagas	Hyundai Heavy
Hyundai Samho 8049	XDF	174000	2022-08-01	2025-03-01	NYK	Hyundai Samho
Samsung 2612	ME-GA	174000	2022-09-01	2025-03-01	Pan Ocean, SK Shipping, H-Line	Samsung
Clean Mistral	ME-GA	200000	2022-03-01	2025-03-01	Dynagas	Hyundai Heavy
Samsung 2607	ME-GA	174000	2022-02-01	2025-03-01	H-Line	Samsung
Hudong-zhonghua H1792a	XDF	175000	2021-10-01	2025-03-01	MOL	Hudong-Zhonghua
Hudong-zhonghua H1881a	XDF	174000	2022-01-01	2025-08-01	MOL	Hudong-Zhonghua

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 = 30 November 2023

Fearnley LNG

Name	Propulsion	Capacity	Ordered	Delivery	Owners	Yard
Samsung 2601		174000	2021-12-01	2025-01-01	JP Morgan	Samsung
Samsung 2598	ME-GA	180000	2021-12-01	2025-01-01	Celsius Shipping	Samsung
Samsung 2595		174000	2021-10-01	2025-01-01	JP Morgan	Samsung
Puteri Mayang	XDF	174000	2021-07-01	2025-01-01	Hyundai LNG Shipping	Hyundai Heavy
Samsung 2597	ME-GA	174000	2021-10-01	2024-12-01	JP Morgan	Samsung
Samsung 2602	ME-GA	174000	2022-01-01	2024-12-01	H-Line, Pan Ocean, SK Shipping	Samsung
Samsung 2603	ME-GA	174000	2022-01-01	2024-12-01	H-Line, Pan Ocean, SK Shipping	Samsung
Samsung 2604	XDF	174000	2021-12-01	2024-12-01	NYK	Samsung
Hudong-zhonghua H1791a	XDF	175000	2021-10-01	2024-12-01	MOL	Hudong-Zhonghua
New Oasis	ME-GA	174000	2021-07-01	2024-12-01	Pan Ocean	Hyundai Heavy
Samsung 2596	ME-GA	174000	2021-10-01	2024-11-01	JP Morgan	Samsung
Puteri Mahsuri	XDF	174000	2021-07-01	2024-11-01	Hyundai LNG Shipping	Hyundai Heavy
Hyundai Samho 8100	ME-GA	174000	2020-12-01	2024-11-01	Knutsen	Hyundai Samho
Hudong-zhonghua H1880a	XDF	174000	2022-01-01	2024-10-01	MOL	Hudong-Zhonghua
New Green	ME-GA	174000	2021-07-01	2024-10-01	Pan Ocean	Hyundai Heavy
Samsung 2635	ME-GA	174000	2022-04-01	2024-09-01	TMS Cardiff Gas	Samsung
Samsung 2594		174000	2021-10-01	2024-09-01	JP Morgan	Samsung
Samsung 2473	XDF	174000	2021-05-01	2024-09-01	Maran Gas Maritime	Samsung
New Brave	XDF	174000	2020-12-01	2024-09-01	Pan Ocean	Hyundai Heavy
Hyundai Samho 8170	ME-GA	174000	2022-02-01	2024-08-01	Hyundai Glovis	Hyundai Samho
New Nature	XDF	174000	2020-12-01	2024-10-01	Pan Ocean	Hyundai Heavy
Samsung 2600		174000	2021-12-01	2024-07-01	JP Morgan	Samsung
Apostolos	ME-GA	174000	2021-11-01	2024-06-01	Capital Gas	Hyundai Heavy
Samsung 2593		174000	2021-10-01	2024-06-01	JP Morgan	Samsung
Puteri Santubong	XDF	174000	2021-04-01	2024-06-01	Hyundai LNG Shipping	Hyundai Heavy
Assos	ME-GA	174000	2021-11-01	2024-05-01	Capital Gas	Hyundai Heavy
Puteri Ledang	XDF	174000	2021-07-01	2024-05-01	Hyundai LNG Shipping	Hyundai Heavy
Clean Future	ME-GA	200000	2021-05-01	2024-03-01	Dynagas	Hyundai Heavy
Clean Vitality	ME-GA	200000	2021-05-01	2024-02-01	Dynagas	Hyundai Heavy
Puteri Saadong	XDF	174000	2021-04-01	2024-02-01	Hyundai LNG Shipping	Hyundai Heavy
Hyundai Ulsan 3371	ME-GA	174000	2022-05-01	2025-03-01	SK Shipping	Hyundai Heavy
Hudong-zhonghua H1885a	XDF	174000	2022-01-01	2026-09-01	MOL	Hudong-Zhonghua
Samsung 2653	ME-GA	174000	2022-11-01	2026-03-01	Minerva Marine	Samsung
Samsung 2651	ME-GA	180000	2022-10-01	2025-11-01	Celsius Shipping	Samsung
Samsung 2637	ME-GA	174000	2022-06-01	2025-07-01	JP Morgan	Samsung
Samsung 2582	XDF	174000	2021-10-01	2024-01-01	NYK	Samsung
Samsung 2585	ME-GA	180000	2021-08-01	2024-07-01	Celsius Shipping	Samsung
DALIAN NO 1 G175K-8	XDF	175000	2023-03-01	2027-02-01	China Merchant	Dalian Shipbuilding
DALIAN NO 1 G175K-7	XDF	175000	2023-03-01	2026-12-01	China Merchant	Dalian Shipbuilding
DAEWOO 2571	XDF	174000	2022-09-01	2026-05-01	MISC	Hanwha Ocean
DAEWOO 2570	XDF	174000	2022-09-01	2026-01-01	MISC	Hanwha Ocean
Hyundai Samho 8182	XDF	174000	2022-10-01	2026-01-01	TMS Cardiff Gas	Hyundai Samho
Mulan Spirit	XDF	79800	2021-05-01	2023-12-01	Jovo Energy	Jiangnan
Daewoo 2568	XDF	174000	2022-09-01	2026-06-01	Meiji Shipping	Hanwha Ocean
Daewoo 2567	XDF	174000	2022-09-01	2025-09-01	Meiji Shipping	Hanwha Ocean
Daewoo 2569	XDF	174000	2022-09-01	2026-09-01	Meiji Shipping	Hanwha Ocean
Daewoo 2566	XDF	174000	2022-09-01	2025-08-01	Meiji Shipping	Hanwha Ocean
Hyundai Ulsan 3384	XDF	174000	2022-07-01	2026-02-01	Knutsen	Hyundai Heavy
Hyundai Ulsan 3382	XDF	174000	2022-07-01	2025-07-01	Knutsen	Hyundai Heavy
Hyundai Ulsan 3383	XDF	174000	2022-07-01	2025-11-01	Knutsen	Hyundai Heavy
Hyundai Ulsan 3387	XDF	174000	2022-07-01	2026-08-01	Knutsen	Hyundai Heavy

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Name	Propulsion	Capacity	Ordered	Delivery	Owners	Yard
Hyundai Ulsan 3385	XDF	174000	2022-07-01	2026-04-01	Knutsen	Hyundai Heavy
Hyundai Samho 8201	XDF	174000	2022-07-01	2026-08-01	TMS Cardiff Gas	Hyundai Samho
Hyundai Samho 8200	XDF	174000	2022-07-01	2026-03-01	TMS Cardiff Gas	Hyundai Samho
Alexey Kosygin	TFDE - Azipod	172600	2019-09-01	2024-03-01	Smart LNG	Zvezda SSK
Axios II	ME-GA	174000	2021-06-01	2023-12-01	Capital Gas	Hyundai Heavy
Daewoo 2562	ME-GA	174000	2022-06-01	2025-06-01	SK Shipping, Pan Ocean, H-Line	Hanwha Ocean
Daewoo 2564	ME-GA	174000	2022-06-01	2025-11-01	Pan Ocean, SK Shipping, H-Line	Hanwha Ocean
Daewoo 2561	ME-GA	174000	2022-06-01	2025-05-01	Pan Ocean, SK Shipping, H-Line	Hanwha Ocean
Daewoo 2565	ME-GA	174000	2022-06-01	2026-02-01	Pan Ocean, SK Shipping, H-Line	Hanwha Ocean
Daewoo 2560	ME-GA	174000	2022-06-01	2025-04-01	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean
Daewoo 2563	ME-GA	174000	2022-06-01	2025-11-01	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean
Daewoo 2545	MEGI	174000	2022-04-01	2025-12-01	BWGas	Hanwha Ocean
Daewoo 2544	MEGI	174000	2022-04-01	2025-11-01	BWGas	Hanwha Ocean
Daewoo 2551	ME-GA	174000	2022-04-01	2026-09-01	MOL	Hanwha Ocean
Daewoo 2550	ME-GA	174000	2022-04-01	2025-09-01	MOL	Hanwha Ocean
Samsung 2474	XDF	174000	2021-05-01	2024-09-01	Maran Gas Maritime	Samsung
Daewoo 2540	MEGI	174000	2022-02-01	2025-12-01	Maran Gas Maritime	Hanwha Ocean
Daewoo 2528	MEGI	174000	2021-11-01	2024-08-01	Maran Gas Maritime	Hanwha Ocean
Daewoo 2546	ME-GA	174000	2022-06-01	2024-12-01	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean
Daewoo 2547	ME-GA	174000	2022-06-01	2024-12-01	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean
Daewoo 2549	ME-GA	174000	2022-06-01	2025-02-01	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean
Daewoo 2548	ME-GA	174000	2022-06-01	2025-01-01	H-Line, Pan Ocean, SK Shipping	Hanwha Ocean
Daewoo 2552	MEGI	174000	2022-06-01	2026-05-01	Maran Gas Maritime	Hanwha Ocean
Dalian No 1 G175k-1	XDF	175000	2022-04-01	2025-09-01	China Merchant	Dalian Shipbuilding
Dalian No 1 G175k-2	XDF	175000	2022-04-01	2025-12-01	China Merchant	Dalian Shipbuilding
Daewoo 2536	ME-GA	174000	2022-01-01	2024-09-01	MOL	Hanwha Ocean
Jiangnan H2701	XDF	175000	2022-03-01	2025-05-01	ADNOC	Jiangnan
Jiangnan H2704	XDF	175000	2022-05-01	2026-06-01	ADNOC	Jiangnan
Jiangnan H2702	XDF	175000	2022-05-01	2025-09-01	ADNOC	Jiangnan
Jiangnan H2703	XDF	175000	2022-05-01	2026-01-01	ADNOC	Jiangnan
Jiangnan H2700	XDF	175000	2022-03-01	2025-01-01	ADNOC	Jiangnan
Jiangnan H2705	XDF	175000	2022-05-01	2026-09-01	ADNOC	Jiangnan
Samsung 2632	ME-GA	174000	2022-05-01	2025-12-01	H-Line	Samsung
Samsung 2631	ME-GA	174000	2022-05-01	2025-07-01	H-Line	Samsung
Daewoo 2553	MEGI	174000	2022-06-01	2026-06-01	Maran Gas Maritime	Hanwha Ocean
Samsung 2633	ME-GA	174000	2022-05-01	2026-01-01	H-Line	Samsung
Daewoo 2539	MEGI	174000	2022-02-01	2025-11-01	Maran Gas Maritime	Hanwha Ocean
Daewoo 2537	MEGI	174000	2022-01-01	2025-09-01	Maran Gas Maritime	Hanwha Ocean
Hyundai Samho 8181	ME-GA	174000	2022-04-01	2025-12-01	Knutsen	Hyundai Samho
Daewoo 2529	MEGI	174000	2021-11-01	2024-11-01	Maran Gas Maritime	Hanwha Ocean
Daewoo 2538	MEGI	174000	2022-01-01	2025-11-01	Maran Gas Maritime	Hanwha Ocean
Hudong-zhonghua H1835a	XDF	174000	2021-12-01	2024-12-01	ULT	Hudong-Zhonghua
Hudong-zhonghua H1836a	XDF	174000	2021-12-01	2025-03-01	ULT	Hudong-Zhonghua
Daewoo 2534	MEGI	174000	2022-01-01	2025-06-01	GasLog	Hanwha Ocean
Samsung 2583	XDF	174000	2021-10-01	2024-02-01	NYK	Samsung
Daewoo 2524	ME-GA	174000	2021-09-01	2024-04-01	MOL	Hanwha Ocean
Daewoo 2526	ME-GA	174000	2021-09-01	2024-10-01	MOL	Hanwha Ocean
Daewoo 2523	ME-GA	174000	2021-09-01	2024-02-01	MOL	Hanwha Ocean
Daewoo 2525	ME-GA	174000	2021-09-01	2024-08-01	MOL	Hanwha Ocean
Daewoo 2522	MEGI	174000	2021-07-01	2024-05-01	Hyundai LNG Shipping	Hanwha Ocean

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Data last updated = 30 November 2023

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 Independence	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

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Built	Name	CBM	Cargo Type	Trading area	Trading in LNG?	Ship Owner / Operator
2019	Gas Agility	18,600	LNG	NWE	Yes	MOL
2019	Flexfueller 001	1,480	LNG	Amsterdam	Yes	Titan LNG
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	Avenir TBN (option)	20,000	LNG	Worldwide	Yes	Avenir LNG
2024	Avenir TBN (option)	20,000	LNG	Worldwide	Yes	Avenir LNG
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 TBN 1	7,600	LNG	Canada	Yes	Seaspan ULC
2024	Paolina Cosulich	8,000	LNG	Mediterranean	Yes	Fratelli Cosulich
2024	Anhui Changjiang TBN	14,000	LNG	China	Yes	Anhui Changjiang LNG
2024	Keys Azalea	3,000	LNG / Oil	Japan	Yes	Keys Bunkering West Japan
2025	Seaspan TBN 2	7,600	LNG	Canada	Yes	Seaspan ULC
2025	Axpo TBN	7,500	LNG	Italy	Yes	Axpo
2026	Avenir TBN (option)	20,000	LNG	Worldwide	Yes	Avenir LNG
2026	Avenir TBN (option)	20,000	LNG	Worldwide	Yes	Avenir LNG
2026	ScaleGas TBN	12,500	LNG	Spain	Yes	ScaleGas

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