



ADNOC L&S APPROACHES MARKET FOR A STEAMSHIP

Abu Dhabi-based shipowner Adnoc Logistics & Services (Adnoc L&S) has re-emerged in the market for a steam turbine LNG carrier to take on period hire at a time when charter rates for these older vessels have plummeted. Brokers said Adnoc L&S has requested a steam turbine LNG carrier of between 137,000 cbm and 141,000 cbm under 25 years old. The company wants to charter a vessel for 12 months with an option to extend the hire for five months. Adnoc L&S, which this year has ordered a string of LNG carrier newbuildings and has just taken delivery of a first new vessel, has specified delivery between 10 and 25 January at Adnoc's Das Island LNG terminal. It has requested offers by the end of its business day on 9 December with a validity that will hold until close of business at the end of that week. Brokers said Adnoc L&S' steamship requirement has been an on-off affair for some time now, with the shipowner sometimes in the market but later withdrawing from the business. The company has several legacy LNG steamers in its fleet, which are some of the original vessels used by parent Adnoc to ship its first cargoes to Japanese buyers. More recently the company fixed a 149,000-cbm LNG steamship, which was a relet from Germany-headquartered energy company SEFE, for six months.

ME-GA

Shipbuilding sources said that the switch was made from ME-GA dual-fuel engines to X-DF engines. According to the sources, more moves such as this order are expected to follow. In October, German engine maker MAN Energy Solutions said it will no longer offer its ME-GA engine, which was designed for the LNG carrier market. Volkswagen's MAN unveiled the ME-GA dual-fuel engine in March 2021, describing it as an Otto-cycle variant of the company's ME-GI engine. "With a view to expected changes in IMO regulations (IMO Green House Gas Strategy, MARPOL Annex VI, and the NO Technical Code 2008), to be adopted in April 2025, and the performance of our engines, we are constantly reviewing our product portfolio," MAN said in a letter sent to its customers dated October 17. According to MAN, this review would call for "significant" technical updates and investments for the G7OME-C10.5-GA type engine. "Therefore, we have decided to no longer offer the G7OME-C10.5-GA engine as of October 18, 2024," the engine maker said. In 2022, MAN said it had received 100 orders for its ME-GA engine since introducing it in 2021, all for LNG carriers. Last year, MAN announced that the first ME-GA engine had completed gas trials aboard an LNG carrier built by HD Hyundai Samho for Norwegian shipping company Knutsen. According to MAN's website, the company has received more than 270 orders for ME-GA engines since May 2021. Sources previously told LNG Prime the orders were mostly from South Korean yards, but one Chinese shipyard also booked MAN ME-GA engines for LNG carriers. Source: www.lngprime.com

LNG FLEET GROWTH OUTPACES BUNKERING VESSEL EXPANSION

The gap widens between LNG-capable vessels and bunkering infrastructure, raising challenges for the industry to ensure safe and efficient refuelling operations. The LNG shipping industry faces mounting challenges as the gap between dual-fuel LNG-capable vessels and LNG bunkering vessels continues to widen, raising concerns over the sector's ability to meet the growing demand for fuel infrastructure. Trelleborg Marine Systems managing director David Pendleton discussed this critical issue during the opening day of the LNG Shipping and Terminals Conference in London. Since the conference's inception in 2016, the number of LNG-capable vessels has surged by 500%. However, the corresponding growth in LNG bunkering vessels has lagged. "The gap is growing, and that's obviously a concern because you need to have a certain ratio of bunkering vessels to service those ships," Mr Pendleton noted, stressing the urgency of accelerating bunker vessel construction to avoid bottlenecks. Mr Pendleton highlighted the broad operational challenges accompanying this growth, including the need for enhanced training, advanced equipment and stricter safety protocols. "The whole scale of the operation is vast compared to what it was eight years ago. Training on the safety aspects of bunkering is going to be critical," he said. He further stressed the importance of efficiency, particularly in the ship-to-bunker vessel interface. "How quickly can you link your ship to your bunker vessel? How quickly can you do that transfer process and maintain that safe operation? These are going to be the challenges for the

of Energy and Mines, and the Agency for Regulation and Control of Hydrocarbons (ARC) through the new Natural Gas Operations Regulation. The reforms have allowed the modernisation of the sector, laying the foundations for natural gas to play an important role in the country's energy matrix," he said. Currently, Ecuador registers a marginal participation of natural gas in its energy matrix (1.8%); however, imports and the increase in national natural gas production have the opportunity to align the country with regional standards, where natural gas exceeds 30% of participation. These types of initiatives reinforce SYCAR's strategic vision of developing key infrastructure for natural gas, such as the development of distribution clusters and the future LNG import terminal through an FSRU, which will be executed when national demand reaches optimal levels. The arrival of the first ISO tank is the result of a strategic alliance between SYCAR and Limagas Natural Perú S.A. (subsidiary of the Lipiandes Group of Chile) that highlights the importance of regional collaboration to transform the energy landscape of Latin America. This joint effort has established a Peru-Ecuador logistics corridor, which will allow expanded access to LNG, especially for the Ecuadorian industrial sector, which is looking for cleaner and more competitive energy alternatives. "This operation not only marks a milestone in Ecuador's energy history, but also represents a decisive step towards the gasification of the country's energy matrix," concluded Jaramillo. Source: www.lngindustry.com

HARBOUR ENERGY JOINS PAE AND GOLAR TO DEVELOP FLNG PROJECT IN ARGENTINA

London-listed oil and gas firm Harbour Energy has joined Pan American Energy and Golar LNG on a floating LNG export project in Argentina. Harbour Energy said in a statement it had signed a participation agreement with PAE and Golar LNG to acquire a 15 percent interest in Southern Energy, a company which is planning to develop the FLNG project in Argentina. The company did not provide financial details of the deal. The FLNG project involves deploying Golar LNG's floating liquefaction vessel, Hilli, in the San Matías Gulf, Río Negro province, alongside the construction of supporting infrastructure. Also, the vessel will have a production capacity of 2.45 million tons per year (mtpa) of LNG, equivalent to 11.5 million cubic meters or 0.4 billion cubic feet of natural gas per day. "It is anticipated that the upstream partners in Southern Energy will supply the natural gas for the FLNG project, enabling Harbour's Vaca Muerta natural gas to access global LNG export markets and international natural gas prices," Harbour Energy said. In addition, Harbour's participation in Southern Energy "provides the company with the opportunity to work with its partners to continue to mature the proposed FLNG project towards a final investment decision and to unlock the full potential of its Vaca Muerta acreage," the company said.

Pampa Energia, YPF

This announcement comes just days after Argentina's Pampa Energia said it will hold a 20 percent stake in Southern Energy, the entity established by PAE and Golar to undertake the FLNG project in Argentina, becoming its second-largest shareholder. With an estimated investment of \$2.9 billion over the next 10 years, the FLNG project represents a strategic milestone to

monetize Pampa's Vaca Muerta reserves and position Argentina in the global LNG market. During the FLNG project's initial stage, Pampa has committed to supplying up to 3 mcm or over 100 mcf of natural gas per day from its Neuquina basin blocks. Pampa currently produces an annual average of over 13 mcm or 0.5 bcf per day, with peaks of 17 mcm or 0.6 bcf per day in winter in the basin. In addition to Pampa, YPF CEO Horacio Marin recently said that Argentina's state-owned oil and gas company YPF will join the FLNG project developed by Pan American Energy and Golar LNG. Marin said YPF will join this initiative that "marks a milestone in the energy industry of our country and that represents a big step to be able to carry out our Argentina LNG project, with which we expect to export \$15 billion in LNG by 2030."

Hilli

In July, Golar LNG entered into definitive agreements with PAE for a 20-year deployment of FLNG Hilli, which is currently located offshore Cameroon's Kribi, in Argentina. As part of the agreements, Golar will hold a 10 percent stake in Southern Energy. The FLNG project will monetize Argentine gas, tapping into the vast resources from the Vaca Muerta shale formation in the Neuquen basin, the world's second-largest shale gas resources. Golar expects the project to start LNG exports within 2027. The floating LNG player said in its third-quarter report that PAE issued a reservation notice reserving FLNG Hilli for the project in October 2024. The project's definitive contracts are subject to satisfying defined conditions precedent, including an export license, environmental assessment, and FID by PAE. "Work on the conditions precedent is progressing with their satisfaction and FID is expected within Q1 2025," Golar said. Golar said the FLNG project will initially utilize spare capacity in Argentina's existing pipeline network. Work to construct a dedicated pipeline connecting the FLNG terminal location directly to the Vaca Muerta shale formation is also being pursued. "This could support a multi-FLNG vessel project in Argentina, including opportunities for our MKII FLNG(s)," Golar said.

VTTI, SNAM WRAP UP ACQUISITION OF ITALY'S ADRIATIC LNG TERMINAL

Rotterdam-based storage terminal owner VTTI, co-owned by Vitol, IFM, and Adnoc, and Italian energy firm Snam have completed their previously announced acquisition of Italy's Adriatic LNG terminal. The two firms announce the completion of the transaction in a statement on Tuesday. Italy's largest LNG terminal is now owned by VTTI and Snam with 70 percent and 30 percent ownership, respectively. US energy firm ExxonMobil previously had a 70.7 percent stake in Adriatic LNG, while state-owned LNG giant Qatar Energy held 22 percent and Snam owned 7.3 percent. Earlier this year, VTTI signed an agreement to acquire a majority stake in Adriatic LNG. After that, Snam exercised a right of first refusal to increase its stake in Adriatic LNG from 7.3 percent to 30 percent. In this new structure, Alexandra Thomas has been appointed as CEO and Alessandro Conta as COO of Adriatic LNG, according to the statement. Thomas joins Adriatic LNG from Neptune Energy, where she was most recently managing director for Egypt, while Conta joins Adriatic LNG from Snam Rete Gas. Launched in 2009, the world's first offshore gravity-based LNG import terminal sits about 14 kilometers offshore of Porto Levante and has

tonnes of greenhouse gases being emitted. “That reduction is equivalent to the annual emissions of around 10,000 EU citizens or 540 million kilometres driven in an average car,” it said. This transition to biomethane amplifies the success of UECC’s ‘Sail for Change’ sustainability strategy, as it will exceed its carbon intensity targets, which use the same metric as the industry’s forthcoming Fuel EU Maritime regulation. “In fact, the use of LBM will offer UECC overcompliance with Fuel EU Maritime across its overall fleet, and so it is actively exploring pooling and banking options,” the partners said.

UECC expanding fleet

This move follows news that UECC has ordered two more LNG-powered hybrid PCTCs with a capacity of 4,500 ceu in China. The newbuild order placed with China Merchants Jinling Shipyard Nanjing is for two firm multi-fuel battery hybrid vessels scheduled for delivery in 2028, with options for two more units. If exercised, this would bring the number of LNG-powered newbuilds in the UECC fleet to nine after five similar deliveries within the past decade. In October 2022, UECC took delivery of the third and final LNG-powered hybrid PCTC from China’s Jiangnan Shipyard. With an overall length of 169 meters and a width of 28 meters, Auto Advance, Auto Achieve, and Auto Aspire each have a car carrying capacity of 3,600 units on 10 cargo decks. The new vessels boosted the UECC dual-fuel fleet to five ships in total as it already operated two LNG-powered PCTCs, Auto Eco and Auto Energy, but these do not feature battery power. Source: www.lngprime.com

WOODMAC SAYS ASIA NEEDS MORE US LNG TO CURB EMISSIONS

Coal use and accompanying emissions from power generation in Asia will surge in the coming decades unless there is “significant” new supplies of LNG imported from the US, global consultancy Wood Mackenzie said December 2. In a study commissioned by the Asia Natural Gas & Energy Association (ANGEA), WoodMac found that continued growth in US LNG production was “essential” to balancing global markets and providing emerging Asian economies with an affordable and available alternative to coal, currently the dominant fuel in the region for power generation. WoodMac forecasts that Asian LNG demand will increase to 510mn tonnes/year in 2050 from 270mn tonnes/year in 2024, fueling economic growth and supporting greenhouse gas emissions reductions, alongside investments in renewables. The Wood Mackenzie study models two scenarios: one in which the current pause in LNG export permits to non-FTA countries is lifted in early 2025, as President-elect Donald Trump has promised, and one in which the pause stays in effect for a longer period. “If the pause is lifted and approvals and development of export facilities resume, then US LNG is expected to comprise a third of global supply by 2035,” ANGEA CEO Paul Everingham said. “But if it remains in place and planned and proposed US LNG projects are not developed, there is a risk that LNG developments in other regions will fail to keep pace with anticipated demand growth.” The study, he said, demonstrates there is considerable LNG supply poised to hit global markets through the second half of this decade. But beyond 2030, strong uncertainty surrounds what new supply growth will look like and how this might impact energy planning in Asia. “This aligns with ANGEA’s experience engaging with key energy decision makers around Asia, who are planning to make long-

term investments in gas supply and infrastructure worth tens of billions of dollars,” Everingham said. “The most common question they ask us is ‘where is our gas supply for future decades going to come from?’” If long-term LNG supplies aren’t going to be available from the US or Australia, gas would need to be sourced from less cost-competitive projects elsewhere, with a likely outcome of higher LNG prices than what many emerging economies in Asia and Southeast Asia can afford. “Nations like Bangladesh, Vietnam, the Philippines, Indonesia and Malaysia will not be able to realise their plans to transition to gas-fired power if LNG prices are high and coal use, which hit record levels in both 2022 and 2023, will keep growing,” Everingham said. “Without certainty of an affordable supply, their fallback position, quite understandably, is to stick with a fuel they are familiar with and which they know is likely to be inexpensive and plentiful: coal.” Higher LNG prices, WoodMac’s study suggests, would lead to a 30% reduction in its projections for Asian LNG demand in 2035, resulting in 100mn tonnes/year of additional CO2 emissions in that year alone. “This is roughly equivalent to the annual emissions of 20mn cars and will impact Asia’s progress towards climate objectives,” Everingham said. Source: www.naturalgasworld.com

RUSSIAN GAS FLOWS VIA UKRAINE TO EU, AUSTRIA EDGE UP

Russian gas exports to Europe via Ukraine were up by around 1.2% on Tuesday from Monday and nominations for gas to Austria from Slovakia also edged up, data from Gazprom and pipeline operator EU stream showed. Russian gas producer Gazprom said it would send 41.3 million cubic metres (mcm) of gas to Europe via Ukraine on Tuesday, up from 40.8 mcm on Monday. That’s still slightly below levels of more than around 42 mcm seen in previous few months. Gazprom halted supply to Austria’s OMV in mid-November due a contractual dispute over interrupted supply to Germany in 2022. Other companies stepped in to buy the freed-up volumes. Gazprom’s average daily supply to Europe in November was up by 8.7% from a year earlier and up by 1.5% versus October, Reuters calculations showed. Nominations for flows to Austria from Slovakia were also slightly higher on Tuesday after dipping over the weekend. Nominations to the Czech Republic from Slovakia were in line with levels seen over the past month, data from EU stream showed. Nominations for natural gas flows into Slovakia from Ukraine were also a tad higher on Tuesday at 38.7 mcm after a drop over the weekend but remained around 7% below November averages. Source: www.naturalgasworld.com

US LNG EXPORTS TO EUROPE SURGE IN NOVEMBER ON HIGHER PRICES

U.S. LNG exports to Europe surged in November as the world’s largest producer of the super chilled gas sent more cargoes to the continent and fewer to Asia and Latin America, according to preliminary data from financial firm LSEG. European natural gas prices climbed in November to their highest levels in two years on fears remaining Russian pipeline supplies to Europe will be halted or face further curtailment. European natural gas prices averaged \$12.90 per mmbtu in November, more than a

dollar higher than \$11.79 in October and higher than \$12.32 in September, with the benchmark front-month contract at the Dutch TTF hub reaching 49.03 euros per megawatt hour on Nov. 22, equivalent to \$14.97 per million British thermal units (mmBtu). The United States is the world's largest LNG exporter and played a major role in 2022 after Russia's invasion of Ukraine led to sharp reductions in Europe's access to Russian gas imports. Nearly seven of every 10 U.S. LNG cargoes headed to Europe in November as LNG exports rose to more than 7.75 million metric tons (MT), up from 7.56 MT in October, with cooler weather favoring higher output, according to LSEG data. Exports to Europe reached 5.09 MT in November or 68% of total LNG exports, up from 3.65 MT, or just under 48% of total exports recorded in October. Asia accounted for about a fifth of total exports, according to LSEG data. The U.K. was a major player in the market, buying .81 MT, or one in every seven cargoes sold to the continent, according to LSEG data. With the arbitrage favoring Europe, U.S. LNG exports to Asia fell to 1.64 MT or 21% of total exports in November, from 2.67 MT or 35% in October, LSEG data showed. There were fewer U.S. LNG cargoes destined for Latin America in November with only .58 MT sold to the U.S. neighbors in November, down from .9 MT in October, LSEG data showed. There were three cargoes sent to Egypt for a total of .23 MT and three cargoes for a total .21 MT that were for orders with no set destination as of Nov. 30. U.S. producers have been ramping up output as the weather cools with top exporter Cheniere Energy LNG.N leading the way. On Monday, Cheniere was expected to pull over 5 billion cubic feet (bcf) of natural gas for the fifth time in seven days at its Sabine Pass, Louisiana, export plant, according to LSEG data. Overall U.S. LNG natural gas demand averaged 13.65 bcf per day in November and could have been higher had the second-largest U.S. LNG exporter, Freeport LNG, not experience several outages in November, LSEG data showed. With the United States expecting first LNG in December from Venture Global's 20 MTPA Plaquemines LNG plant in Louisiana and Cheniere's 10 MTPA midscale expansion project, also in the Pelican state, this month could challenge the U.S. record LNG production. Source: www.naturalgasworld.com

RUSSIA'S JAN-NOV LNG EXPORTS UP 5%, DATA SHOWS

Russia's January to November exports of liquefied natural gas (LNG) increased by 4.7 % from a year earlier to 29.1 million metric tons with just over half going to Europe, LSEG data showed on Monday. Europe took around 14.7 million tons, or 51% of total Russian exports, in the first 11 months of the year. Total supplies in November alone were stable, at 2.9 million tons, according to the data. October data was revised down to 2.87 million tons from an initially reported 2.97 million tons. Last month, supplies to Europe rose to 1.27 million tons from 1.0 million tons in October 2024 and declined from 1.66 million tons in November 2023. The Novatek-led Yamal LNG plant increased exports in January to November by 6.6% year-on-year to 17.8 million tons. In November, shipments rose by 3% from October 2024 to 1.68 million tons but declined also by 3% from November 2023. According to data from the U.S. Department of the Treasury, U.S.-sanctioned Arctic LNG 2 has dispatched six cargoes since it started exports in August. A source familiar with the matter said Novatek shut down commercial operations at the first and only operational train of its Arctic LNG 2 project in October with no plans to restart it during winter. Sakhalin-

Energos Eskimo

In August, AG&P and its unit Gas Entec and local partners Issa Haddadin secured a contract from Aqaba Development Corporation to build the onshore regasification LNG terminal at the port of Aqaba in Jordan. In addition, Oslo-based BW LNG, a unit of Singapore’s gas shipping giant BW, recently signed a 10-year charter deal with NEPCO to deploy a floating storage unit (FSU) in Jordan. The vessel will be moored at the Sheikh Sabah LNG terminal. Jordan currently imports LNG via the 160,000-cbm FSRU, Energos Eskimo, located in Aqaba. Energos Eskimo is owned by Energos Infrastructure, a part of US asset manager Apollo. Jordan has chartered the FSRU until 2025, while Egypt also uses this unit to secure natural gas supplies. Local reports suggest that EGAS would take on charter Energos Eskimo following its contract expiration in Jordan. With this move, Egypt would host two FSRUs next year. LNG Prime could not confirm this by the time this article was published. Source: www.lngprime.com

PAE, GOLAR WELCOME NEW PARTNER TO ARGENTINA FLNG PROJECT

Argentina’s Pampa Energia has joined Pan American Energy and Golar LNG on a floating liquefied natural gas export project. Pampa said in a statement it will initially hold a 20 percent stake in Southern Energy (SESA), the entity established by PAE and Golar to undertake the FLNG project in Argentina, becoming its second-largest shareholder. The company did not provide financial details of the deal. The FLNG project involves deploying Golar LNG’s floating liquefaction vessel, Hilli, in the San Matías Gulf, Río Negro province, alongside the construction of supporting infrastructure. The vessel will have a production capacity of 2.45 million tons per year (mtpa) of LNG, equivalent to 11.5 million cubic meters or 0.4 billion cubic feet of natural gas per day. Operations are expected to begin in the second half of 2027. During the FLNG project’s initial stage, Pampa has committed to supplying up to 3 mcm or over 100 mcf of natural gas per day from its Neuquina basin blocks, Pampa said. Pampa currently produces an annual average of over 13 mcm or 0.5 bcf per day, with peaks of 17 mcm or 0.6 bcf per day in winter in the basin. With an estimated investment of \$2.9 billion over the next 10 years, the FLNG project represents a strategic milestone to monetize Pampa’s Vaca Muerta reserves and position Argentina in the global LNG market, the company said. Pampa noted that SESA has also applied for Argentina’s incentive regime for large investments (RIGI), as the FLNG project meets the criteria.

YPF

This move follows an announcement by YPF CEO Horacio Marin. Marin said that Argentina’s state-owned oil and gas company YPF will join the FLNG project developed by Pan American Energy and Golar LNG. The CEO said YPF will join this initiative that “marks a milestone in the energy industry of our country and that represents a big step to be able to carry out our Argentina LNG project, with which we expect to export \$15 billion in LNG by 2030.” Earlier this month, Marin said that YPF is in negotiations with supermajors to become equity partners in the planned Argentina LNG project. The company also held

many meetings with potential off takers. YPF and Malaysia's Petronas recently decided to build their \$30 billion Argentina LNG export project in the Patagonian province of Río Negro. YPF and Petronas decided that the project would be in Sierra Grande, Río Negro instead of the initial Bahía Blanca, Buenos Aires plan. However, it appears that YPF's project partner, Petronas, is considering whether to continue developing Argentina LNG. Petronas "have to decide" by the end of December if the company is continuing, Marin said. A presentation posted on YPF's website shows that during its first phase, Argentina LNG would have two floating liquefaction units with a production capacity of around 9 mtpa. The following phases of the project entail the construction of an onshore modular plant which would progressively expand to achieve a final capacity up to 30 mtpa.

Hilli

Golar's FLNG Hilli, located offshore Cameroon's Kribi, recently offloaded its 122nd cargo of liquefied natural gas since it started operations in 2018. In July, Golar LNG entered into definitive agreements with PAE for a 20-year deployment of this FLNG in Argentina. The FLNG project will monetize Argentine gas, tapping into the vast resources from the Vaca Muerta shale formation in the Neuquen basin, the world's second-largest shale gas resources. The floating LNG player said in its third-quarter report that PAE issued a reservation notice reserving FLNG Hilli for the project in October 2024. The project's definitive contracts are subject to satisfying defined conditions precedent, including an export license, environmental assessment, and FID by PAE. "Work on the conditions precedent is progressing with their satisfaction and FID is expected within Q1 2025," Golar said. Golar said the FLNG project will initially utilize spare capacity in Argentina's existing pipeline network. Work to construct a dedicated pipeline connecting the FLNG terminal location directly to the Vaca Muerta shale formation is also being pursued. "This could support a multi-FLNG vessel project in Argentina, including opportunities for our MKII FLNG(s)," Golar said. Source: www.lngprime.com

JAPAN'S NYK ADDS NEWBUILD LNG CARRIER TO ITS FLEET

Japan's shipping giant NYK has added another newbuild liquefied natural gas carrier to its large LNG fleet. South Korea's Samsung Heavy Industries delivered the 174,000-cbm Quest Kirishima on Monday. NYK said the vessel will be deployed under a time-charter contract with Q United Energy Supply & Trading, a unit of Kyushu Electric Power. Back in 2022, Kyushu Electric Power's trading unit and NYK signed a charter deal for this LNG carrier. The vessel features a WinGD-made dual-fuel slow-speed diesel engine (X-DF) that can operate on marine gas oil or boil-off gas stored in the cargo tank. In addition, the ship has a reliquefaction system that uses surplus boil-off gas. The LNG carrier is about 293 meters long and 46 meters wide. NYK's fleet of operational LNG carriers stood at 89 vessels at the end of September this year. The shipping firm had 91 operational LNG carriers at the end of March this year and 86 operational LNG carriers at the end of September last year. According to a presentation by NYK, its LNG carrier fleet included 76 owned or co-owned LNG carriers and 13 chartered vessels at the end of September this year. NYK previously said it has "obtained new long-term stable contracts in the LNG carrier business and expanded the number of vessels involved to more than 120 by FY2027." This includes pre-delivery

vessels with long-term charters. Besides LNG carriers, NYK is expanding its fleet of “environment-friendly” vessels, including LNG-fueled vessels, LPG-fueled vessels, and methanol-fueled vessels. According to NYK, its fleet included 17 LNG-fueled vessels and two LNG bunkering vessels at the end of September this year. Source: www.lngprime.com

MOLGAS WRAPS UP ITS FIRST UK LNG BUNKERING OP

European small-scale LNG player Molgas continues to expand its LNG bunkering network, having completed its first operation in the UK. The Madrid-based group completed the maiden truck-to-ship LNG bunkering operation in Troon, Scotland, on Thursday. Molgas bunkered LNG to the recently delivered LNG dual-fuel ferry, Glen Sannox, which is operated by the Scottish government-owned CalMac Ferries. This is the first of two LNG dual-fuel ferries Ferguson Marine (Port Glasgow) built for the Scottish government-owned Caledonian Maritime Assets (CMAL). The delivery of the two CMAL dual-fueled ferries has been pushed back for about six years partly due to financial issues at the yard, which has been owned by the Scottish government since December 2019. Previously, CMAL had expected to take delivery of the ships in early 2018. CalMac claims these are UK’s first LNG dual-fuel ferries. In May last year, the firm awarded a contract to Molgas Energy UK to supply LNG for Glen Sannox and its sister vessel Glen Rosa. This project marks a further expansion for Molgas in Europe. Molgas said in an emailed statement the company plans to further expand its truck-to-ship LNG bunkering business and deliver across multiple ports in the UK. In addition to the operation in Troon with Calmac, the company aims to supply companies and ships in Inverness, Aberdeen, and Peterhead in Scotland. According to Molgas, the firm also plans to add English ports of Immingham and Sunderland to the network. Earlier this year, Molgas completed its first LNG bunkering operations in Italy and Belgium. Prior to Belgium, the group, owned by French private equity firm InfraVia Capital Partners, wrapped up its first LNG bunkering operation in France. Molgas also bought a 45 percent stake in Dutch LNG supplier Titan. Source: www.lngprime.com

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