UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2017

Commission File Number 001-35466

GasLog Ltd

(Translation of registrant's name into English)

Gildo Pastor Center
7 Rue du Gabian
MC 98000, Monaco
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): o

The press release issued by GasLog Ltd. and GasLog Partners LP on September 15, 2017 announcing the acquisition of Solaris from GasLog Ltd. for \$185.9 Million is attached hereto as Exhibit 99.1.

INCORPORATION BY REFERENCE

Exhibit 99.1 to this Report on Form 6-K shall be incorporated by reference into our registration statements on Form F-3 (File Nos. 333-188817, 333-194894 and 333-194894), initially filed with the Securities and Exchange Commission (the "SEC") on May 24, 2013, March 28, 2014 and March 14, 2016 respectively, as amended, and the registration statement on Form S-8 (File No. 333-187020), filed with the SEC on March 4, 2013, in each case to the extent not superseded by information subsequently filed or furnished (to the extent we expressly state that we incorporate such furnished information by reference) by us under the Securities Act of 1933 or the Securities Exchange Act of 1934, in each case as amended.

EXHIBIT LIST

Exhibit Description

99.1 Press Release Dated September 15, 2017

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: September 15, 2017

$\mathsf{GASLOG}\:\mathsf{LTD}$

by /s/ Paul A. Wogan

Name: Paul A. Wogan
Title: Chief Executive Officer

GasLog Partners LP Announces Acquisition Of Solaris From GasLog Ltd. For \$185.9 Million

MONACO — September 15, 2017 — GasLog Partners LP (NYSE:GLOP) ("GasLog Partners" or the "Partnership") and GasLog Ltd. (NYSE:GLOG) ("GasLog") announced today that they have approved entering into an agreement for the Partnership to purchase from GasLog 100% of the shares in the entity that owns and charters *Solaris* (the "Acquisition"). The aggregate purchase price for the Acquisition will be \$185.9 million, which includes \$1 million for positive net working capital balances to be transferred with the vessel. GasLog Partners expects to finance the acquisition with cash on hand and the assumption of \$117 million of *Solaris*' existing debt. The Acquisition is expected to close in the fourth quarter of 2017 and is subject to satisfaction of certain customary closing conditions. The Board of Directors of GasLog, the Board of Directors of GasLog Partners (the "Board") and the Conflicts Committee of the Board have approved the Acquisition.

Solaris is a 155,000 cubic meter tri-fuel diesel electric liquefied natural gas ("LNG") carrier built in 2014. The vessel is currently on a multi-year time charter with a wholly owned subsidiary of Royal Dutch Shell plc ("Shell") through June 2021. Shell has two consecutive extension options which, if exercised, would extend the charter for a period of either five or ten years.

The Partnership believes that the Acquisition will be immediately accretive to distributable cash flow per unit and is consistent with its strategy to grow cash distributions through dropdown and third-party acquisitions. GasLog Partners estimates that *Solaris* will add approximately \$20 million to EBITDA⁽¹⁾ in the first 12 months after closing. Accordingly, the Acquisition purchase price represents a multiple of approximately $9.2x^{(2)}$ estimated EBITDA.

Andy Orekar, Chief Executive Officer of GasLog Partners, stated, "I am very pleased to continue executing our growth strategy with this accretive dropdown transaction. Solaris represents the ninth LNG carrier the Partnership will have acquired from GasLog since our IPO, and its multi-year charter to Shell will provide incremental visible cash flows. The Acquisition will expand the Partnership's fleet to 12 wholly owned LNG carriers, increase our contracted days to approximately 90% for 2018 and 72% for 2019, and significantly grow our contracted EBITDA."

Paul Wogan, Chief Executive Officer of GasLog, stated, "We continue to execute on our strategy of dropping vessels into GasLog Partners and recycling the capital to GasLog. This transaction values *Solaris* at a premium to book value, allowing us to strengthen our balance sheet and providing further funding for future profitable growth. Through our unit ownership and incentive distribution rights, we will benefit from future increases in GasLog Partners' distributions, which should continue to enhance our cash flow, growth prospects and valuation."

(1) EBITDA is a non-GAAP financial measure. Please refer to Exhibit I for guidance on the underlying assumptions used to derive EBITDA.

⁽²⁾Acquisition multiple is calculated using net purchase price of \$184.9 million.

About GasLog Partners

GasLog Partners is a growth-oriented master limited partnership focused on owning, operating and acquiring LNG carriers under multi-year charters. Upon closing of the Acquisition, GasLog Partners' fleet will consist of 12 LNG carriers with an average carrying capacity of approximately 154,000 cbm GasLog Partners' principal executive offices are located at Gildo Pastor Center, 7 Rue du Gabian, MC 98000, Monaco. Visit GasLog Partners' website at http://www.gaslogmlp.com.

About GasLog

GasLog is an international owner, operator and manager of LNG carriers providing support to international energy companies as part of their LNG logistics chain. GasLog's consolidated fleet consists of 27 LNG carriers (22 ships on the water and 5 on order). GasLog also has an additional LNG carrier which was sold to a subsidiary of Mitsui Co. Ltd. and leased back under a long-term bareboat charter. Upon closing of the Acquisition, GasLog's consolidated fleet will include 12 LNG carriers in operation owned by GasLog's subsidiary, GasLog Partners. GasLog's principal executive offices are at Gildo Pastor Center, 7 Rue du Gabian, MC 98000, Monaco. Visit GasLog's website at http://www.gaslogltd.com.

Forward-Looking Statements

All statements in this press release that are not statements of historical fact are "forward-looking statements" within the meaning of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements that address activities, events or developments that the Partnership expects, projects, believes or anticipates will or may occur in the future, particularly in relation to our operations, cash flows, financial position, liquidity and cash available for dividends or distributions, plans, strategies, business prospects and changes and trends in our business and the markets in which we operate. We caution that these forward-looking statements represent our estimates and assumptions only as of the date of this press release, about factors that are beyond our ability to control or predict, and are not intended to give any assurance as to future results. Any of these factors or a combination of these factors could materially affect future results of operations and the ultimate accuracy of the forward-looking statements. Accordingly, you should not unduly rely on any forward-looking statements.

Factors that might cause future results and outcomes to differ include, but are not limited to, the following:

- general LNG shipping market conditions and trends, including spot and long-term charter rates, ship values, factors affecting supply and demand of LNG and LNG shipping, technological advancements and opportunities for the profitable operations of LNG carriers;
- · continued low prices for crude oil and petroleum products and volatility in gas prices;
- our ability to leverage GasLog's relationships and reputation in the shipping industry;
- · our ability to enter into time charters with new and existing customers;
- · changes in the ownership of our charterers;
- · our customers' performance of their obligations under our time charters and other contracts;
- · our future operating performance, financial condition, liquidity and cash available for dividends and distributions;
- · our ability to purchase vessels from GasLog in the future;
- our ability to obtain financing to fund capital expenditures, acquisitions and other corporate activities, funding by banks of their financial commitments, funding by GasLog of the revolving credit facility with GasLog entered into on April 3, 2017 and our ability to meet our restrictive covenants and other obligations under our credit facilities;
- future, pending or recent acquisitions of ships or other assets, business strategy, areas of possible expansion and expected capital spending or operating expenses;
- · our expectations about the time that it may take to construct and deliver newbuildings and the useful lives of our ships;
- · number of off-hire days, dry-docking requirements and insurance costs;
- · fluctuations in currencies and interest rates;
- · our ability to maintain long-term relationships with major energy companies;
- · our ability to maximize the use of our ships, including the re-employment or disposal of ships no longer under time charter commitments, including the risk that our vessels may no longer have the latest technology at such time;
- · environmental and regulatory conditions, including changes in laws and regulations or actions taken by regulatory authorities;
- the expected cost of, and our ability to comply with, governmental regulations and maritime self-regulatory organization standards, requirements imposed by classification societies and standards imposed by our charterers applicable to our business;
- · risks inherent in ship operation, including the discharge of pollutants;
- · GasLog's ability to retain key employees and provide services to us, and the availability of skilled labor, ship crews and management;
- \cdot potential disruption of shipping routes due to accidents, political events, piracy or acts by terrorists;
- · potential liability from future litigation;
- · our business strategy and other plans and objectives for future operations;
- · any malfunction or disruption of information technology systems and networks that our operations rely on or any impact of a possible cybersecurity breach; and
- · other risks and uncertainties described in the Partnership's Annual Report on Form 20-F filed with the SEC on February 13, 2017, available at http://www.sec.gov.

GasLog and GasLog Partners undertake no obligation to update or revise any forward-looking statements contained in this press release, whether as a result of new information, future events, a change in our views or expectations or otherwise. New factors emerge from time to time, and it is not possible for us to predict all of these factors. Further, we cannot assess the impact of each such factor on our business or the extent to which any factor, or combination of factors, may cause actual results to be materially different from those contained in any forward-looking statement.

The declaration and payment of distributions are at all times subject to the discretion of our board of directors and will depend on, amongst other things, risks and uncertainties described above, restrictions in our credit facilities, the provisions of Marshall Islands law and such other factors as our board of directors may deem relevant.

EXHIBIT I

Non-GAAP Financial Measures

EBITDA

EBITDA is defined as earnings before interest income and expense, gain/loss on interest rate swaps, taxes, depreciation and amortization. EBITDA, which is a non-GAAP financial measure, is used as a supplemental financial measure by management and external users of financial statements, such as investors, to assess our financial and operating performance. The Partnership believes that this non-GAAP financial measure assists our management and investors by increasing the comparability of our performance from period to period. The Partnership believes that including EBITDA assists our management and investors in (i) understanding and analyzing the results of our operating and business performance, (ii) selecting between investing in us and other investment alternatives and (iii) monitoring our ongoing financial and operational strength in assessing whether to continue to hold our common units. This increased comparability is achieved by excluding the potentially disparate effects between periods of interest, gain/loss on interest rate swaps, taxes, depreciation and amortization, which items are affected by various and possibly changing financing methods, financial market conditions, capital structure and historical cost basis and which items may significantly affect results of operations between periods.

EBITDA has limitations as an analytical tool and should not be considered as an alternative to, or as a substitute for, or superior to profit, profit from operations, earnings per unit or any other measure of financial performance presented in accordance with IFRS. Some of these limitations include the fact that it does not reflect (i) our cash expenditures or future requirements for capital expenditures or contractual commitments, (ii) changes in, or cash requirements for, our working capital needs and (iii) the cash requirements necessary to service interest or principal payments, on our debt. Although depreciation and amortization are non-cash charges, the assets being depreciated and amortized will often have to be replaced in the future, and EBITDA does not reflect any cash requirements for such replacements. It is not adjusted for all non-cash income or expense items that are reflected in our statement of cash flows and other companies in our industry may calculate this measure differently to how we do, limiting its usefulness as a comparative measure.

For the entity owning Solaris, estimated EBITDA for the first 12 months of operation following the completion of the Acquisition is based on the following assumptions:

- closing of the Acquisition in the fourth quarter of 2017 and timely receipt of charter hire specified in the charter contracts;
- · utilization of 363 days and no drydocking;
- · vessel operating and supervision costs and charter commissions per current internal estimates; and
- · general and administrative expenses based on management's current internal estimates.

GasLog and GasLog Partners consider the above assumptions to be reasonable as of September 15, 2017, but if these assumptions prove to be incorrect, actual EBITDA for the entity owning the vessel could differ materially from our estimates. The prospective financial information was not prepared with a view toward public disclosure or with a view toward complying with the guidelines established by the American Institute of Certified Public Accountants, but, in the view of management, was prepared on a reasonable basis and reflects the best currently available estimates and judgments. However, this information is not fact and should not be relied upon as being necessarily indicative of future results, and readers of this document are cautioned not to place undue reliance on the prospective financial information. Neither our independent auditors nor any other independent accountants have compiled, examined, or performed any procedures with respect to the prospective financial information contained above, nor have they expressed any opinion or any other form of assurance on such information or its achievability and assume no responsibility for, and disclaim any association with, such prospective financial information.

Contacts: Alastair Maxwell Chief Financial Officer

Phone: +44-203-388-3105

Jamie Buckland

Head of Investor Relations Phone: +44-203-388-3116 Email: ir@gaslogltd.com