

**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 January 2018

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

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):

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):

The press release issued by GasLog Ltd on January 2, 2018 announcing the placing of a newbuilding order at Samsung Heavy Industries 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statement on Form S-8 (File No. 333-187020), filed with the SEC on March 4, 2013, in each case to the extent not superseded by information subsequently filed or furnished (to the extent we expressly state that we incorporate such furnished information by reference) by us under the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 January 2, 2018 |

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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: January 2, 2018

GASLOG LTD

by Paul A. Wogan
Name: Paul A. Wogan
Title: Chief Executive Officer

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GasLog Ltd. Places a Newbuilding Order at Samsung Heavy Industries

Monaco — January 2, 2018 - GasLog Ltd. (“GasLog”, NYSE: GLOG), an international owner, operator and manager of liquefied natural gas (“LNG”) carriers, today announces that it has ordered a newbuild 180,000 cubic meter vessel with XDF propulsion from Samsung Heavy Industries (“Samsung”) that is scheduled to deliver in the third quarter of 2019. This vessel is currently unchartered but its early delivery means that it is expected to deliver into a strong LNG shipping market.

Paul Wogan, Chief Executive Officer of GasLog Ltd., commented, “I am very pleased to announce this expansion in our fleet. We have secured this vessel at a very attractive cost and she will be equipped with the latest propulsion and cargo containment technology which will result in highly competitive unit freight costs. The vessel is expected to deliver into a strong LNG shipping market which, according to our estimates, will be short of capacity by the winter of 2019/2020.”

About GasLog Ltd.

GasLog is an international owner, operator and manager of LNG carriers. GasLog’s fully-owned fleet includes 15 LNG carriers (including 10 ships in operation and 5 LNG carriers on order) and GasLog. GasLog Partners LP, a master limited partnership formed by GasLog, owns a further twelve LNG carriers. GasLog’s principal executive offices are at Gildo Pastor Center, 7 Rue du Gabian, MC 98000, Monaco. GasLog’s website is <http://www.gaslogltd.com>.

Contacts:

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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 Company 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 LNG spot and long-term charter rates, ship values, factors affecting supply and demand of LNG and LNG shipping and technological advancements;
- continued low prices for crude oil and petroleum products;
- 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;
- our future operating performance, financial condition, liquidity and cash available for dividends and distributions;
- our ability to obtain financing to fund capital expenditures, acquisitions and other corporate activities, funding by banks of their financial commitments, and our ability to meet our restrictive covenants and other obligations under our credit facilities;
- future, pending or recent acquisitions of or orders for ships or other assets, business strategy, areas of possible expansion and expected capital spending or operating expenses;
- the time that it may take to construct and deliver newbuildings and the useful lives of our ships;
- number of off-hire days, drydocking 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 not under time charter commitments;
- environmental and regulatory conditions, including changes in laws and regulations or actions taken by regulatory authorities;

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- 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;
 - availability of skilled labor, ship crews and management;
 - potential disruption of shipping routes due to accidents, political events, piracy or acts by terrorists;
 - potential liability from future litigation;
 - 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 Company’s Annual Report on Form 20-F filed with the SEC on March 14, 2016 and available at <http://www.sec.gov>.

We 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, except as required by applicable law. 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 dividends 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 Bermuda law and such other factors as our board of directors may deem relevant.
