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 May 2020

Commission File Number 001-35466

GasLog Ltd

(Translation of registrant's name into English)

c/o GasLog Services LNG Ltd. 69 Akti Miaouli 18537 Piraeus Greece (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):

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):

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The press release issued by GasLog Ltd. on May 15, 2020 announcing that GasLog Ltd. has declared a dividend on its Series A Preference Shares 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 statement on Form F-3 (File Nos. 333-194894 and 333-230205), filed with the Securities and Exchange Commission (the "SEC") on March 28, 2014 and March 12, 2019 respectively, as amended and the registration statement on Form S-8 (File No. 333-203139), filed with the SEC on March 31, 2015, in each case to the extent not superseded by information subsequently filed or furnished (to the extent we expressly state that we incorporate such furnished information by reference) by us under the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 May 15, 2020

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: May 15, 2020

GASLOG LTD

/s/ Paul A. Wogan

Name: Paul A. Wogan

Title: Chief Executive Officer

GasLog Ltd. Declares Dividend on Series A Preference Shares

Piraeus, Greece, May 15, 2020 — GasLog Ltd. ("GasLog" or "Company") (NYSE: GLOG) today announced a dividend of \$0.546875 per share on its 8.75% Series A Cumulative Redeemable Perpetual Preference Shares, payable on July 1, 2020 for all shareholders of record as of June 30, 2020.

Contacts:

Joseph Nelson Head of Investor Relations Phone: +1 212-223-0643

Email: ir@gaslogltd.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 35 LNG carriers. Of these vessels, 19 (14 on the water and five on order) are owned by GasLog, one has been sold to a subsidiary of Mitsui & Co., Ltd. and leased back to GasLog under a long-term bareboat charter and the remaining 15 LNG carriers are owned by the Company's subsidiary, GasLog Partners. GasLog's principal executive offices are at 69 Akti Miaouli, 18537 Piraeus, Greece. Visit GasLog's website at http://www.gaslogltd.com.