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NAVIGATOR HOLDINGS LTD.

Annual General Meeting of Shareholders

September 12, 2018 9:00 AM

This proxy is solicited by the Board of Directors

The shareholder(s) hereby appoint(s) David Butters and Niall Nolan, or either of them, as proxies, each with the power to appoint his substitute, and hereby authorizes them to represent and to vote, as designated on the reverse side of this ballot, all of the shares of common stock of NAVIGATOR HOLDINGS LTD. that the shareholder(s) is/are entitled to vote at the Annual General Meeting of Shareholders to be held at 9:00 AM, local time on September 12, 2018, at The Coral Beach and Tennis Club, Bermuda, and any adjournment or postponement thereof.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations.

(Continued and to be signed on the reverse side.)

ANNUAL GENERAL MEETING OF SHAREHOLDERS OF
NAVIGATOR HOLDINGS LTD.

September 12, 2018

GO GREEN

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NOTICE OF INTERNET AVAILABILITY OF PROXY MATERIAL:

The Notice of Meeting, proxy statement and proxy card are available at www.navigatorgas.com

Please sign, date and mail
your proxy card in the
envelope provided as soon
as possible.

↓ Please detach along perforated line and mail in the envelope provided. ↓

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THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR ALL" THE ELECTION OF DIRECTORS AND "FOR" PROPOSAL 2.
PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE

The Board of Directors recommends you vote FOR ALL the following proposal:

1. To Elect Directors to serve until the 2019 Annual Meeting of Shareholders:

FOR ALL NOMINEES

WITHHOLD AUTHORITY
FOR ALL NOMINEES

FOR ALL EXCEPT
(See instructions below)

NOMINEES:

- David J. Butters
- Dr. Heiko Fischer
- David Kenwright
- Harold Malone
- Spiros Milonas
- Alexander Oetker
- Florian Weidinger

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark "FOR ALL EXCEPT" and fill in the circle next to each nominee you wish to withhold, as shown here: ●

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

The Board of Directors recommends you vote FOR the following proposal:

2. To ratify the appointment of KPMG LLP, as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2018.

FOR AGAINST ABSTAIN

NOTE: To transact other such business as may properly come before the meeting or any adjournment thereof.

MARK "X" HERE IF YOU PLAN TO ATTEND THE MEETING.

Signature of Shareholder

Date:

Signature of Shareholder

Date:

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.