

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

AMENDMENT NO. 1
TO
FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

NAUTICUS ROBOTICS, INC.
(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

87-1699753

(I.R.S. Employer
Identification Number)

17146 Feathercraft Lane, Suite 450
Webster, TX 77598
(281) 942-9069
(Address, including zip code, and telephone number,
including area code, of registrant's principal executive offices)

John Symington
General Counsel
Nauticus Robotics, Inc.
17146 Feathercraft Lane, Suite 450
Webster, TX 77598
(281) 942-9069
(Name and address, including zip code, and telephone number,
including area code, of agent for service of process)

With copies to:
Robert C. Morris
Brandon T. Byrne
Norton Rose Fulbright US LLP
1550 Lamar Street, Suite 2000
Houston, TX 77010
(713) 651-5161

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. ☐

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with the dividend or interest reinvestment plans, check the following box. ☒

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. ☐

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company,” and “emerging growth company” in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☐

Accelerated filer ☐

Non-accelerated filer ☒

Smaller reporting company ☒

Emerging growth company ☒

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. ☒

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

Subject to Completion, dated May 15, 2025

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

PROSPECTUS

**\$100,000,000
Common Stock
Preferred Stock
Depositary Shares
Warrants
Rights
Units**



NAUTICUS ROBOTICS, INC.

We may offer and sell up to \$100,000,000 of the securities described in this prospectus from time to time in one or more transactions. This prospectus describes the general terms of these securities and the general manner in which these securities will be offered. We will provide the specific terms of these securities in supplements to this prospectus. The prospectus supplements will also describe the specific manner in which these securities will be offered and may also supplement, update, or amend information contained in this prospectus. You should read this prospectus and any applicable prospectus supplement, as well as the documents incorporated or deemed to be incorporated by reference herein or therein, before you invest. We may offer these securities in amounts, at prices, and on terms determined at the time of offering.

Our common stock is traded on the Nasdaq Capital Market under the symbol "KITT." On May 14, 2025, the closing price of our common stock was \$1.09 per share. Each prospectus supplement will indicate whether the securities offered thereby will be listed on any securities exchange.

The address of our principal executive offices is 17146 Feathercraft Lane, Suite 450, Webster, TX 77598. Our phone number is (281) 942-9069.

The aggregate market value of the outstanding shares of our common stock held by non-affiliates is approximately \$40,395,485, which was calculated in accordance with General Instruction I.B.6 of Form S-3 and is based on 37,060,088 shares outstanding held by non-affiliates as of May 14, 2025, and a price per share of \$1.09, which was the last reported sale price of our common stock on the Nasdaq Capital Market on May 14, 2025.

Pursuant to General Instruction I.B.6 of Form S-3, in no event will the aggregate market value of securities sold by us or on our behalf in a primary offering pursuant to the registration statement of which this prospectus forms a part during any 12-calendar-month period exceed one-third of the aggregate market value of our common stock held by non-affiliates, so long as the aggregate market value of our common stock held by non-affiliates is less than \$75.0 million. During the 12 calendar months prior to and including the date of this prospectus, we have offered or sold the securities in the aggregate amount of \$22,661,025 pursuant to General Instruction I.B.6 of Form S-3.

We are an emerging growth company and a smaller reporting company as defined under federal securities laws and, as such, may elect to comply with certain reduced public company reporting requirements for future filings. Investing in our securities involves certain risks. See “Risk Factors” on page 1 of this prospectus, contained in any applicable prospectus supplement, and in the documents incorporated by reference herein and therein for a discussion of the factors you should carefully consider before deciding to purchase our securities.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR PASSED UPON THE ADEQUACY OR ACCURACY OF THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

The date of this prospectus is May 15, 2025.

TABLE OF CONTENTS

	Page
RISK FACTORS	1
CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS	2
ABOUT THIS PROSPECTUS	3
NAUTICUS ROBOTICS, INC.	4
USE OF PROCEEDS	5
GENERAL DESCRIPTION OF SECURITIES	6
DESCRIPTION OF CAPITAL STOCK AND WARRANTS	7
DESCRIPTION OF DEPOSITARY SHARES	19
DESCRIPTION OF WARRANTS	22
DESCRIPTION OF RIGHTS	25
DESCRIPTION OF UNITS	27
PLAN OF DISTRIBUTION	28
WHERE YOU CAN FIND MORE INFORMATION	33
INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE	34
LEGAL MATTERS	35
EXPERTS	35

RISK FACTORS

Investing in our securities involves significant risks. Please see the risk factors under the heading “Risk Factors” in any prospectus supplement as well as in our most recent Annual Report on Form 10-K and in our Quarterly Reports on Form 10-Q filed subsequent to the Annual Report on Form 10-K, which are on file with the Securities and Exchange Commission (the “SEC”), and are incorporated by reference in this prospectus and any prospectus supplement in their entirety, as the same may be amended, supplemented, or superseded from time to time by our filings under the Securities Exchange Act of 1934, as amended, (the "Exchange Act"). Before making an investment decision, you should carefully consider these risks as well as other information we include or incorporate by reference in this prospectus and any prospectus supplement. The risks and uncertainties we have described are not the only ones facing our company. These risks, and additional risks not known to us or that we currently believe are immaterial, could materially and adversely affect our business, operating results, cash flows, financial condition, or prospects, and the securities offered by means of this prospectus, and could result in a partial or complete loss of your investment.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1993, as amended (the “Securities Act”), and Section 21E of the Exchange Act, with respect to our financial condition, results of operations and business, plans, objectives and strategies. We intend such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 and include this statement for purposes of complying with these safe harbor provisions.

These forward-looking statements can be identified by the fact that they do not relate only to historical or current facts. Forward-looking statements often use words such as “estimate,” “project,” “predict,” “will,” “would,” “should,” “could,” “may,” “might,” “anticipate,” “plan,” “intend,” “believe,” “expect,” “aim,” “goal,” “target,” “objective,” “commit,” “advance,” “likely” or similar expressions that convey the prospective nature of events or outcomes. There are several factors which could cause actual plans and results to differ materially from those expressed or implied in forward-looking statements. Such factors include, without limitation, those risks, uncertainties and other factors described in “Risk Factors” and those discussed and identified in the Company’s public filings made with the SEC.

These and other factors could cause actual results to differ from those implied by the forward-looking statements. Forward-looking statements are not guarantees of performance and speak only as of the date hereof. The forward-looking statements are based on the current and reasonable expectations of our management but are inherently subject to uncertainties and changes in circumstances and their potential effects and speak only as of the date of such statements. There can be no assurance that future developments will be those that have been anticipated or that we will achieve or realize these plans, intentions or expectations.

All forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the foregoing cautionary statements. We undertake no obligation to update or revise publicly any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

In addition, statements of belief and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this filing, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain and investors are cautioned not to unduly rely upon these statements.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission, or the “SEC,” using a “shelf” registration process for the delayed offering and sale of securities pursuant to Rule 415 under the Securities Act. Under this shelf process, we may offer and sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$100,000,000. Specific information about the terms of an offering will be included in a prospectus or a prospectus supplement relating to each offering of securities. That prospectus supplement may include a discussion of any risk factors or other special considerations that apply to those securities. The prospectus supplement may also add, update, or change information included in this prospectus. You should carefully read both this prospectus, any prospectus supplement, any free writing prospectus that we authorize to be distributed to you, and any information incorporated by reference into the foregoing, together with additional information described under the headings “Incorporation of Certain Documents by Reference” and “Where You Can Find More Information” before investing in any of the securities offered under this prospectus.

We have not authorized anyone to give you any additional information different from that contained in this prospectus, any accompanying prospectus supplement or any free writing prospectus provided in connection with an offering. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. We are not making an offer to sell these securities in any jurisdiction where the offer is not permitted.

This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by reference to the actual documents.

The information contained in this prospectus is accurate only as of the date on the front cover of this prospectus or prospectus supplement, or that the information contained in any document incorporated by reference into this prospectus or any prospectus supplement, regardless of when this prospectus is delivered or when any sale of our securities occurs. Our business, financial condition, results of operations, cash flows, and prospects may have changed since that date. If there is any inconsistency between the information in this prospectus or any information incorporated by reference herein and in a prospectus supplement, you should rely on the information in that prospectus supplement with the most recent date.

This prospectus is not an offer to sell or solicitation of an offer to buy our securities in any circumstances under which or jurisdiction in which the offer or solicitation is unlawful. Unless the context otherwise indicates, the terms “the Company,” “we,” “our,” “ours,” and “us” refer to Nauticus Robotics, Inc. and its subsidiaries. The phrase “this prospectus” refers to this prospectus and any applicable prospectus supplement, unless the context otherwise requires. In this prospectus, we sometimes refer to the common stock, preferred stock, depositary shares, warrants, rights, and units collectively as the “securities.”

NAUTICUS ROBOTICS, INC.

Nauticus Robotics, Inc. is a developer of ocean robots, cloud software and services delivered to the ocean industry. Our portfolio includes fully autonomous underwater vehicles ("AUVs"), robotic manipulators, an open robotic operating system, and related consulting and prototype services with a strong alignment to offshore energy and national security interests. Our technology solutions enable autonomous operations for both the commercial and defense sectors. To effectively enter markets dominated by legacy solutions, we have developed innovative and value-driven technologies. Our flagship autonomous fully electric vehicle, Aquanaut, provides advantages over conventionally tethered Remotely Operated Vehicles (ROVs) and untethered AUVs. Aquanaut represents the next generation of subsea robotics integrating eight independent thrusters to precisely propel and position a hull design to maximize efficiency and speed high-resolution data collection, and autonomous fully electric manipulation comparable to traditional ROV operations. ToolKITT is a sophisticated software platform that governs our suite of robotic products. It enables robots to perceive their environment, navigate in three dimensions, make autonomous decisions, and execute tasks with minimal human intervention. ToolKITT has been deployed on third party commercial ROVs and competing robotic platforms, enhancing our ability to offer advanced inspection and intervention services. This software also plays a critical role in next-generation inspection services, a key industry need for ensuring the integrity of subsea pipelines and offshore infrastructure. The Olympic Arm is a fully electric subsea manipulator designed for complex intervention tasks on both work-class ROVs and Aquanaut. Its patented electric actuators replace traditional hydraulic systems. The strategic acquisition of SeaTrepid International LLC intends to integrate Nauticus AI-driven autonomy software, ToolKITT, into SeaTrepid's existing remotely operated vehicle (ROV) fleet. The combination will showcase unprecedented advancements in power efficiency and operational performance across the industry. The ability of ROVs and Aquanaut to seamlessly communicate at depth unlocks new service opportunities, enabling two autonomous systems to collaborate in delivering cutting-edge underwater solutions.

Our common stock trades on the Nasdaq Capital Market under the stock ticker symbol "KITT."

USE OF PROCEEDS

We intend to use the net proceeds from the sale of any securities offered by us under this prospectus for general corporate purposes. General corporate purposes may include, but are not limited to, the acquisition of companies or businesses, repayment and refinancing of debt, investments in our subsidiaries, investments in existing or future projects, repurchasing or redeeming securities, working capital, and capital expenditures. We may temporarily invest the net proceeds in investment-grade, interest-bearing securities until they are used for their stated purpose. We have not determined the amount of net proceeds to be used specifically for such purposes or the timing of these expenditures, and the net proceeds from the sale of the securities have not been accounted for in our normal budgeting process. The amounts actually expended for these purposes may vary significantly and will depend on a number of factors, including the amount of cash we generate from future operations, the actual expenses of operating our business, and opportunities that may be or become available to us. As a result, management will retain broad discretion over the allocation of net proceeds.

GENERAL DESCRIPTION OF SECURITIES

We may offer under this prospectus:

- common stock;
- preferred stock;
- depositary shares representing an interest in a fractional share or multiple shares of our preferred stock;
- warrants to acquire common stock or preferred stock;
- rights to purchase common stock, preferred stock, or warrants;
- any combination of the foregoing, either individually or as units consisting of two or more securities.

The following description of the terms of these securities sets forth some of the general terms and provisions of securities that may be offered. The particular terms of securities offered by any prospectus supplement and the extent, if any, to which the general terms set forth below do not apply to those securities, will be described in the related prospectus supplement. In addition, if we offer securities as units, the terms of the units will be described in the applicable prospectus supplement. Any prospectus supplement may add, change, update, or supersede the information contained in this prospectus. The prospectus supplement will also contain information, where applicable, about material U.S. federal income tax considerations relating to the offered securities, and the securities exchange, if any, on which the offered securities will be listed. The descriptions herein and in the applicable prospectus supplement do not contain all of the information that you may find useful or that may be important to you. You should refer to the provisions of the actual documents whose terms are summarized herein and in the applicable prospectus supplement, because those documents, and not the summaries, define your rights as holders of the relevant securities. For more information, please review the forms of these documents, which are or will be filed with the SEC and will be available as described under the heading “Where You Can Find More Information,” below. If the information contained in the prospectus supplement differs from the following description, you should rely on the information in the prospectus supplement.

Whenever references are made in this prospectus to information that will be included in a prospectus supplement, to the extent permitted by applicable law, rules, or regulations, we may instead include such information or add, update, or change the information contained in this prospectus by means of a post-effective amendment to the registration statement of which this prospectus is a part, through filings we make with the SEC that are incorporated by reference in this prospectus, or by any other method as may be permitted under applicable law, rules, or regulations.

DESCRIPTION OF CAPITAL STOCK AND WARRANTS

The following summary sets forth the material terms of our securities including capital stock and warrants. The following summary is not intended to be a complete summary of the rights and preferences of such securities, and is qualified by reference to our Second Amended and Restated Certificate of Incorporation, as amended (“Charter”), our amended and restated bylaws (“Bylaws”) and warrant-related documents, which are included as exhibits to the registration statement of which this prospectus forms a part or will be filed, if necessary, by amendment or as an exhibit to one or more Current Reports on Form 8-K or a post-effective amendment to the registration statement. We urge you to read such documents in their entirety for a complete description of the rights and preferences of our securities.

Authorized and Outstanding Stock

Our Charter authorizes the issuance of 635,000,000 total shares, consisting of (a) 625,000,000 shares of common stock (“Common Stock”), and (b) 10,000,000 shares of preferred stock, 40,000 of which are designated as Series A Convertible Preferred Stock (“Series A Preferred Stock”). As of the date of this filing, the Company had 37,299,589 shares of common stock and 18,296 shares of Series A Preferred Stock outstanding.

Voting Power

Except as otherwise required by law or as otherwise provided in any certificate of designation for any series of preferred stock, the holders of Common Stock possess all voting power for the election of our directors and all other matters requiring stockholder action. Holders of the Common Stock are entitled to one vote per share on matters to be voted on by stockholders.

Dividends

Subject to applicable law and the rights and preferences of any holders of any outstanding series of our preferred stock, the holders of the Common Stock, as such, shall be entitled to the payment of dividends on the Common Stock when, as and if declared by our board of directors (the “Board”) in accordance with applicable law. The payment of cash dividends in the future will be dependent upon our revenues and earnings, if any, capital requirements and general financial condition. It is the present intention of the Board to retain all earnings, if any, for use in our business operations and, accordingly, our Board does not anticipate declaring any dividends in the foreseeable future.

Liquidation

Subject to the rights and preferences of any holders of any shares of any outstanding series of our preferred stock, in the event of any liquidation, dissolution or winding up of the Company, whether voluntary or involuntary, the funds and assets of the Company that may be legally distributed to our stockholders shall be distributed among the holders of the then outstanding the Common Stock pro rata in accordance with the number of shares of the Common Stock held by each such holder.

Preemptive or Other Rights

There are no sinking fund provisions applicable to the Common Stock.

Limitations on Liability and Indemnification of Officers and Directors

Our Charter and Bylaws limit the liability of our directors, and provide for the indemnification of our current and former officers and directors, in each case, to the fullest extent permitted by Delaware law.

We have entered into agreements with our officers and directors to provide contractual indemnification in addition to the indemnification provided for in our Charter and Bylaws. The Charter and Bylaws also permit us to secure insurance on behalf of any officer, director or employee for any liability arising out of his or her actions.

In connection with the closing of our de-SPAC business combination (the “Business Combination”) on September 9, 2022 (the “Closing”), CleanTech Acquisition Corp. (“CLAQ”) purchased a tail policy with respect to liability coverage for the benefit of former CLAQ officers and directors. We will maintain such tail policy for a period of no less than six (6) years following the Closing.

These provisions may discourage stockholders from bringing a lawsuit against our directors for breach of their fiduciary duty. These provisions also may have the effect of reducing the likelihood of derivative litigation against officers and directors, even though such an action, if successful, might otherwise benefit us and our stockholders. Furthermore, a stockholder’s investment may be adversely affected to the extent we pay the costs of settlement and damage awards against officers and directors pursuant to these indemnification provisions.

We believe that these provisions, the directors’ and officers’ liability insurance and the indemnity agreements are necessary to attract and retain talented and experienced officers and directors.

Certain Anti-Takeover Provisions of Delaware Law; Charter and Bylaws

The Charter and Bylaws contain, and the General Corporate Law of the State of Delaware (“DGCL”) contains, provisions, as summarized in the following paragraphs, that are intended to enhance the likelihood of continuity and stability in the composition of the Board. These provisions are intended to avoid costly takeover battles, reduce our vulnerability to a hostile change of control and enhance the Board’s ability to maximize stockholder value in connection with any unsolicited offer to acquire the Company. However, these provisions may have an anti-takeover effect and may delay, deter or prevent a merger or acquisition of the Company by means of a tender offer, a proxy contest or other takeover attempt that a stockholder might consider in its best interest, including those attempts that might result in a premium over the prevailing market price for the shares of Common Stock held by stockholders.

Delaware Law

We are governed by the provisions of Section 203 of the DGCL. Section 203 generally prohibits a publicly held Delaware corporation from engaging in a “business combination” with any “interested stockholder” for a period of three years after the date of the transaction in which the person became an interested stockholder, unless (with certain exceptions) the business combination or the transaction in which the person became an interested stockholder is approved in a prescribed manner. Generally, a “business combination” includes a merger, asset or stock sale, or other transaction resulting in a financial benefit to the interested stockholder. Generally, an “interested stockholder” is a person who, together with affiliates and associates, owns (or within three years prior to the determination of interested stockholder status, did own) 15% or more of a corporation’s voting stock. These provisions may have the effect of delaying, deferring or preventing changes in control of the Company not approved in advance by the Board.

Special Meetings

The Charter provides that special meetings of the stockholders may be called only by or at the direction of the Board, the Chairperson of the Board or the Chief Executive Officer. The Bylaws prohibit the conduct of any business at a special meeting other than as specified in the notice for such meeting. These provisions may have the effect of deferring, delaying or discouraging hostile takeovers or changes in control or management of the Company.

Advance Notice of Director Nominations and New Business

The Bylaws state that in order for a stockholder to propose nominations of candidates to be elected as directors or any other proper business to be considered by stockholders at the annual meeting, such stockholder must, among other things, provide notice thereof in writing to the secretary at the principal executive offices of Nauticus within the time periods set forth in the Bylaws. Such notice must contain, among other things, certain information about the stockholder giving the notice (and the beneficial owner, if any, on whose behalf the nomination or proposal is made) and certain information about any nominee or other proposed business. Stockholder proposals of business other than director nominations cannot be submitted in connection with special meetings of stockholders.

The Bylaws allow the presiding officer at a meeting of stockholders to adopt rules and regulations for the conduct of meetings which may have the effect of precluding the conduct of certain business at a meeting if such rules and regulations are not followed. These provisions may also defer, delay or discourage a potential acquirer from conducting a solicitation of proxies to elect the acquirer's own slate of directors or otherwise attempting to influence or obtain control of the Company.

Supermajority Voting for Amendments to Our Governing Documents

The Charter requires the affirmative vote of at least 66⅔% of the voting power of all shares of Common Stock then outstanding to amend certain provisions of the Charter. The Charter provides that the Board is expressly authorized to adopt, amend or repeal the Bylaws and that our stockholders may amend certain provision of the Bylaws only with the approval of at least 66⅔% of the voting power of all shares of our Common Stock then outstanding. These provisions make it more difficult for stockholders to change the Charter or Bylaws and may, therefore, defer, delay or discourage a potential acquirer from conducting a solicitation of proxies to amend the Charter or Bylaws or otherwise attempting to influence or obtain control of the Company.

No Cumulative Voting

The DGCL provides that a stockholder's right to vote cumulatively in the election of directors does not exist unless the certificate of incorporation specifically provides otherwise. The Charter does not provide for cumulative voting. The prohibition on cumulative voting has the effect of making it more difficult for stockholders to change the composition of the Board.

Classified Board of Directors

The Charter provides that the Board is divided into three classes of directors, with the classes to be as nearly equal in number as possible, designated Class I, Class II and Class III. The terms of Class I, Class II and Class III directors end at our 2026, 2027 and 2025 annual meetings of stockholders, respectively. Directors of each class the

term of which shall then expire shall be elected to hold office for a three-year term. The classification of directors has the effect of making it more difficult for stockholders to change the composition of our Board and require a longer time period to do so. The Charter provides that the number of directors will be fixed from time to time exclusively pursuant to a resolution adopted by the Board. The classification of directors has the effect of making it more difficult for stockholders to change the composition of our Board. As a result, in most circumstances, a person can gain control of the Board only by successfully engaging in a proxy contest at two or more meetings of stockholders at which directors are elected.

Removal of Directors; Vacancies

The Charter and Bylaws provide that, so long as the Board is classified, directors may be removed only for cause and only upon the affirmative vote of holders of at least 66 2/3% of the voting power of all the then outstanding shares of stock entitled to vote generally in the election of directors, voting together as a single class. Therefore, because stockholders cannot call a special meeting of stockholders, as discussed above, stockholders may only submit a stockholder proposal for the purpose of removing a director at an annual meeting. The Charter and Bylaws provide that vacancies and newly created directorships resulting from any increase in the authorized number of directors shall be filled only by a majority of the directors then in office or by a sole remaining director. Therefore, while stockholders may remove a director, stockholders are not able to elect new directors to fill any resulting vacancies that may be created as a result of such removal.

Stockholder Action by Written Consent

The DGCL permits any action required to be taken at any annual or special meeting of the stockholders to be taken without a meeting, without prior notice and without a vote if a consent in writing, setting forth the action so taken, is signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares of stock entitled to vote thereon were present and voted, unless the certificate of incorporation provides otherwise. The Charter and Bylaws preclude stockholder action by written consent. This prohibition, combined with the fact stockholders cannot call a special meeting, as discussed above, means that stockholders are limited in the manner in which they can bring proposals and nominations for stockholder consideration, making it more difficult to effect change in our governing documents and the Board.

Warrants

Our Outstanding Warrants

As of the date of this filing, 11,579,158 Public Warrants (which means the warrants sold in our IPO as part of the Units, whether they were purchased in the IPO or thereafter in the open market) are outstanding. For every 36 Public Warrants, the registered holder is entitled to purchase one share of Common Stock at a price of \$11.50 per full share, subject to adjustment as discussed below, at any time commencing on the completion of the Business Combination. However, no Public Warrants will be exercisable for cash unless we have an effective and current registration statement (including a current prospectus) covering the shares of Common Stock issuable upon exercise of the Public Warrants. Notwithstanding the foregoing, during any period when we shall have failed to maintain an effective registration statement, warrant holders may exercise, subject to the terms of the Warrant Agreement, dated July 14, 2021, between Continental Stock Transfer & Trust Company and the Company (the “Warrant Agreement”), Public Warrants on a cashless basis pursuant to an available exemption from registration under the Securities Act.

The Public Warrants will expire on the fifth anniversary of our completion of the Business Combination, at 5:00 p.m., New York City time, or earlier upon redemption or liquidation.

The Private Warrants (which means the warrants issued to the sponsors of CLAQ in a private placement in connection with the IPO) (collectively with the Public Warrants, the “Warrants”) are identical in all material respects to the Public Warrants except that (i) such Private Warrants will be exercisable for cash (even if a registration statement covering the shares of Common Stock issuable upon exercise of such warrants is not effective) or on a cashless basis, at the holder’s option, and will not be redeemable by us, in each case so long as they are still held by the initial purchasers of such warrants or their affiliates, and (ii) the Private Warrants purchased by CleanTech Investments will not be exercisable more than five years from July 14, 2021, in accordance with FINRA Rule 5110(g)(8), as long as Chardan Capital Markets, LLC or any of its related persons beneficially own these private warrants.

Redemption

We may call the outstanding Public Warrants for redemption, in whole and not in part, at a price of \$0.01 per warrant:

- at any time after the Public Warrants become exercisable,
- upon not less than 30 days’ prior written notice of redemption to each warrant holder,
- if, and only if, the reported last sale price of the shares of Common Stock equals or exceeds \$16.50 per share (subject to adjustment for splits, dividends, recapitalizations and other similar events), for any 20 trading days within a 30-day trading period ending on the third business day prior to the notice of redemption to warrant holders, and
- if, and only if, there is a current registration statement in effect with respect to the shares of Common Stock underlying such warrants at the time of redemption and for the entire 30-day trading period referred to above and continuing each day thereafter until the date of redemption.

The right to exercise will be forfeited unless the warrants are exercised prior to the date specified in the notice of redemption (the “Redemption Date”). On and after the Redemption Date, a record holder of a Public Warrant will have no further rights except to receive the redemption price for such holder’s Public Warrant upon surrender of such Public Warrant.

The redemption criteria for our Public Warrants have been established at a price which is intended to provide warrant holders a reasonable premium to the initial exercise price and provide a sufficient differential between the then-prevailing share price and the warrant exercise price so that if the share price declines as a result of our redemption call, the redemption will not cause the share price to drop below the exercise price of the Public Warrants. Redemption may occur at a time when the redeemable warrants are “out-of-the-money,” in which case you would lose any potential embedded value from a subsequent increase in the value of our Common Stock had your Public Warrants remained outstanding. Historical trading prices for our Common Stock have not exceeded the

\$16.50 per share threshold (subject to adjustment for splits, dividends, recapitalizations and other similar events) at which the Public Warrants would become redeemable. However, this could occur in the future.

In the event we elect to redeem our Public Warrants, we will notify holders of Public Warrants of such redemption as described in the Warrant Agreement, and we will fix the Redemption Date. Notice of redemption will be mailed by first class mail, postage prepaid, by us not less than 30 days prior to the Redemption Date to the registered holders of the Public Warrants to be redeemed at their last addresses as they appear on the books maintained by the warrant agent, Continental Stock Transfer & Trust Company. Any notice mailed in the manner provided in the Warrant Agreement will be conclusively presumed to have been duly given whether or not the registered holder received such notice. In addition, beneficial owners of the Public Warrants will be notified of such redemption via posting of the redemption notice to DTC.

If we call the Public Warrants for redemption as described above, our management will have the option to require all holders that wish to exercise warrants to do so on a “cashless basis.” In such event, each holder would pay the exercise price by surrendering the Public Warrants for that number of shares of Common Stock equal to the quotient obtained by dividing (x) the product of the number of shares of Common Stock underlying the Public Warrants, multiplied by the difference between the exercise price of the Public Warrants and the “fair market value” by (y) the fair market value. The “fair market value” shall mean the average reported last sale price of our Common Stock for the 10 trading days ending on the third trading day prior to the date on which the notice of redemption is sent to the holders of Public Warrants. If our management takes advantage of this option, the notice of redemption will contain the information necessary to calculate the number of shares of Common Stock to be received upon exercise of the warrants, including the “fair market value” in such case. Requiring a cashless exercise in this manner will reduce the number of shares of Common Stock to be issued and thereby lessen the dilutive effect of a warrant redemption.

Whether we will exercise our option to require all holders to exercise their Public Warrants on a “cashless basis” will depend on a variety of factors including the price of our common shares at the time the Public Warrants are called for redemption, our cash needs at such time and concerns regarding dilutive share issuances. We believe this feature is an attractive option to us if we do not need the cash from the exercise of the Public Warrants. If we call the Public Warrants for redemption and our management does not take advantage of this option, the holders of the Private Warrants and their permitted transferees would still be entitled to exercise their Private Warrants for cash or on a cashless basis using the same formula described above that other warrant holders would have been required to use had all warrant holders been required to exercise their warrants on a cashless basis.

The Public Warrants were issued in registered form under the Warrant Agreement which provides that the terms of the Public Warrants may be amended without the consent of any holder to, among other things, cure any ambiguity or correct any defective provision that is not inconsistent with the Warrant Agreement, but requires the approval, by written consent or vote, of the holders of a majority of the then outstanding warrants in order to make any change not permitted by Section 9.8 of the Warrant Agreement, including any amendment to increase the exercise price of the Warrants or shorten the exercise period.

The exercise price and number of shares of Common Stock issuable on exercise of the Warrants may be adjusted in certain circumstances including in the event of a share dividend, extraordinary dividend or our recapitalization, reorganization, merger or consolidation.

The Warrants may be exercised upon surrender of the warrant certificate on or prior to the expiration date at the offices of the warrant agent, with the exercise form on the reverse side of the warrant certificate completed and executed as indicated, accompanied by full payment of the exercise price, by certified or official bank check payable to us, for the number of warrants being exercised. The warrant holders (who are not stockholders of the Company) do not and will not have the rights or privileges of holders of shares of Common Stock, including, without limitation, any voting rights, unless and until they exercise their warrants and receive shares of Common Stock. After the issuance of shares of Common Stock upon exercise of the Warrants, each holder will be entitled to one vote for each share held on all matters to be voted on by stockholders.

Except as described above, no Public Warrants will be exercisable for cash, and we will not be obligated to issue shares of Common Stock unless, at the time a holder seeks to exercise such warrant, a prospectus relating to the shares of Common Stock issuable upon exercise of the Warrants is current and the shares of Common Stock have been registered or qualified or deemed to be exempt under the securities laws of the state of residence of the holder of the Warrants. Under the terms of the Warrant Agreement, we have agreed to use our best efforts to meet these conditions and to maintain a current prospectus relating to the shares of Common Stock issuable upon exercise of the Warrants until the expiration of the Warrants. However, we cannot assure you that we will be able to do so and, if we do not maintain a current prospectus relating to the shares of Common Stock issuable upon exercise of the Warrants, holders will be unable to exercise their Warrants, and we will not be required to settle any such warrant exercise. If the prospectus relating to the shares of Common Stock issuable upon the exercise of the warrants is not current or if the Common Stock is not qualified or exempt from qualification in the jurisdictions in which the holders of the Warrants reside, we will not be required to net cash settle or cash settle the warrant exercise, the Warrants may have no value, the market for the Warrants may be limited, and the Warrants may expire worthless.

A holder of a Warrant may notify us in writing in the event it elects to be subject to a requirement that such holder will not have the right to exercise such Warrant, to the extent that after giving effect to such exercise, such person (together with such person's affiliates), to the warrant agent's actual knowledge, would beneficially own in excess of 9.9% (or such other amount as a holder may specify) of Common Stock outstanding.

No fractional shares will be issued upon exercise of the Warrants. If, upon exercise of the Warrants, a holder would be entitled to receive a fractional interest in a share, we will, upon exercise, round down to the nearest whole number the number of shares of Common Stock to be issued to the warrant holder.

We have agreed that, subject to applicable law, any action, proceeding or claim against us arising out of or relating in any way to the Warrant Agreement will be brought and enforced in the courts of the State of New York or the United States District Court for the Southern District of New York, and we irrevocably submit to such jurisdiction, which jurisdiction will be the exclusive forum for any such action, proceeding or claim. This provision applies to claims under the Securities Act but does not apply to claims under the Exchange Act or any claim for which the federal district courts of the United States of America are the sole and exclusive forum.

Please refer to the "Description of Warrants" section below regarding any warrants to purchase Common Stock or preferred stock that we may issue in the future under this prospectus.

Preferred Stock

Our Outstanding Preferred Stock

General. On December 26, 2024, the Company filed with the Secretary of State of the State of Delaware the Certificate of Designation of Series A Convertible Preferred Stock of the Company (the “Series A Certificate of Designation”) and designated 40,000 shares of Series A Preferred Stock. As of May 14, 2025, there were 18,296 shares of Series A Preferred Stock outstanding. Each share of Series A Preferred Stock has a stated value of \$1,000 per share and is fully paid and non-assessable.

Ranking. The Series A Preferred Stock, with respect to the payment of dividends, distributions and payments upon the liquidation, dissolution and winding up of the Company, ranks senior to all capital stock of the Company, unless the Required Holders (as defined in the Series A Certificate of Designation) consent to the creation of other capital stock of the Company that is senior or equal in rank to the Series A Preferred Stock.

Dividends. The holders of Series A Preferred Stock will be entitled to a 5% per annum dividends, on an as-if converted basis, equal to and in the same form as dividends actually paid on shares of Common Stock, when and if actually paid. The dividends are payable to each record holder of the Series A Preferred Stock in shares of Common Stock so long as there has been no Equity Conditions Failure (as defined in the Series A Certificate of Designation), and the Company may, at its option, under certain circumstances, capitalize the dividend by increasing the stated value of each Preferred Shares or elect a combination of the capitalized dividend and a payment in dividend shares.

Purchase Rights. If at any time the Company grants, issues or sells any options, convertible securities, or rights to purchase stock, warrants, securities or other property pro rata to all or substantially all of the record holders of any class of Common Stock (the “Purchase Rights”), then each holder of Series A Preferred Stock will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which such holder could have acquired if such holder had held the number of shares of Common Stock acquirable upon complete conversion of all the Series A Preferred Stock held by such holder immediately prior to the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights at the Alternate Conversion Price (as defined below); subject to certain limitations on beneficial ownership.

Conversion Rights

Conversion at Option of Holder. Each holder of Series A Preferred Stock may convert all, or any part, of the outstanding Series A Preferred Stock, at any time at such holder’s option, into shares of the Common Stock (which converted shares of Common Stock are referred to as “Conversion Shares” herein) at the fixed “Conversion Price” of \$1.23, which is subject to proportional adjustment upon the occurrence of any stock split, stock dividend, stock combination and/or similar transactions. The amounts to be converted include unpaid dividends and other charges for the Preferred Shares.

Voluntary Adjustment Right. Subject to the rules and regulations of the Nasdaq, the Company has the right, at any time, with the written consent of the Required Holders, to lower the fixed conversion price to any amount and for any period of time deemed appropriate by the board of directors of the Company (the “Board”).

Alternate Conversion at the Holder’s Election. At any time after the Initial Issuance Date, a holder may elect to convert the Series A Preferred Stock held by such holder at the “Alternate Conversion Price” equal to the lesser of:

- the Conversion Price; and
- the greater of:
- the floor price of \$0.246 (the “Floor Price”); and
- 98% of the lowest volume weighted average price (“VWAP”) of the Common Stock during the 10 consecutive trading days immediately prior to such conversion.

Alternate Conversion Upon a Triggering Event. Following the occurrence and during the continuance of a Triggering Event (as defined below), each holder may alternatively elect to convert the Series A Preferred Stock at the “Alternate Conversion Price”.

The Series A Certificate of Designation contains standard and customary triggering events (each, a “Triggering Event” including certain Bankruptcy Triggering Event (as defined therein)), including but not limited to: (i) the suspension from trading or the failure to list the Common Stock within certain time periods; (ii) failure to declare or pay any dividend when due; (iii) the occurrence of any default under, redemption of or acceleration prior to maturity of at least an aggregate of \$500,000 of Indebtedness (as defined in the Exchange Agreement) of the Company, (iv) the Company’s failure to cure a conversion failure of failure to deliver shares of the Common Stock upon conversion, or notice of the Company’s intention not to comply with a request for conversion of any Series A Preferred Stock, and (iv) bankruptcy or insolvency of the Company.

From and after the occurrence and during the continuance of any Triggering Event, the Dividend Rate in effect shall automatically be increased to the lesser of 18% per annum or the maximum rate permitted under applicable law.

If at the time of a conversion the Alternate Conversion Price is determined to be the Floor Price because such Floor Price is greater than 98% of the then ten-day volume weighted average price of a share of Common Stock, then the Conversion Amount (as defined in the Series A Certificate of Designation), shall automatically increase pro rata, by the applicable Alternate Conversion Floor Amount (as defined therein).

Other Adjustments. In connection with the exchange, the Company obtained stockholder approval at a special meeting of stockholders held on January 15, 2025, of the issuance of Conversion Shares at a conversion price below the Conversion Price (the date of such approval, the “Stockholder Approval Date”). If, on or after the Stockholder Approval Date, the Company issues any shares of Common Stock for a consideration per share (the “New Issuance Price”) less than a price equal to the Conversion Price in effect immediately prior to such issuance, the Conversion Price shall be reduced to the New Issuance Price.

If on either of (i) the 30th calendar day after the date the Preferred Shares are issued (the “Initial Issuance Date”) or (ii) the 60th calendar day after the Initial Issuance Date, as applicable, (each, an “Adjustment Date”), the Conversion Price then in effect is greater than the greater of (A) the Floor Price and (B) the Market Price then in effect (the “Adjustment Price”), on the Adjustment Date the Conversion Price shall automatically lower to the Adjustment Price.

Bankruptcy Triggering Event Redemption Right. Upon any Bankruptcy Triggering Event, the Company shall immediately redeem in cash all amounts due under the Series A Preferred Stock at a redemption price equal to the greater of (1) 1.25 times the Conversion Amount to be redeemed; and (2) the product of (X) the Conversion Rate (calculated using the lowest Alternate Conversion Price during the period commencing on the 20th Trading Day immediately preceding such public announcement and ending on the date the Company makes the entire redemption

payment), multiplied by (Y) 1.25 times the equity value, unless the holder waives such right to receive such payment. The equity value of the Common Stock underlying the Series A Preferred Stock is calculated using the greatest closing sale price of the Common Stock on any trading day immediately preceding such bankruptcy Triggering Event and the date the Company makes the entire payment required.

Change of Control Exchange. Upon a change of control of the Company, each holder may require the Company to exchange the holder's shares of Series A Preferred Stock for consideration equal to the Change of Control Election Price (as defined in the Series A Certificate of Designation), to be satisfied at the Company's election in either (x) cash or (y) rights convertible into such securities or other assets to which such holder would have been entitled with respect to such shares of Common Stock had such shares of Common Stock been held by such holder upon consummation of such corporate event.

Company Optional Redemption. At any time the Company shall have the right to redeem in cash all, but not less than all, the shares of Series A Preferred Stock then outstanding at a 25% redemption premium to the greater of (i) the Conversion Amount being redeemed, and (ii) the product of (1) the Conversion Rate with respect to the Conversion Amount being redeemed, multiplied by (2) the equity value of the Common Stock underlying the Series A Preferred Stock. The equity value of the Common Stock underlying the Series A Preferred Stock is calculated using the greatest closing sale price of the Common Stock on any trading day immediately preceding the date the Company notifies the holders of the Company's election to redeem and the date the Company makes the entire payment required.

Fundamental Transactions. The Series A Certificate of Designation prohibits the Company from entering specified fundamental transactions (including, without limitation, mergers, business combinations and similar transactions) unless the Company (or the Company's successor) assumes in writing all of the Company's obligations under the Series A Certificate of Designation and the other Transaction Documents (as defined in the Series A Certificate of Designation).

Voting Rights. The holders of the Series A Preferred Stock shall have no voting power and no right to vote on any matter at any time, either as a separate series or class or together with any other series or class of share of capital stock, and shall not be entitled to call a meeting of such holders for any purpose nor shall they be entitled to participate in any meeting of the holders of Common Stock, except as provided in the Series A Certificate of Designation (or as otherwise required by applicable law).

Covenants. The Series A Certificate of Designation contains a variety of obligations on the Company's part not to engage in specified activities. In particular, the Company will not, and will cause the Company's subsidiaries to not, redeem, repurchase or declare any dividend or distribution on any of the Company's capital stock (other than as required under the Series A Certificate of Designation) and will not incur any indebtedness other than ordinary course trade payables or, subject to certain exceptions, incur any liens. In addition, the Company will not issue any preferred stock or issue any other securities that would cause a breach or default under the Series A Certificate of Designation.

Reservation Requirements. So long as any Series A Preferred Stock remains outstanding, the Company shall at all times reserve at least 100% of the number of shares of Common Stock as shall from time to time be necessary to effect the conversion of all Series A Preferred Stock then outstanding.

This description of the Series A Preferred Stock does not purport to be complete and is qualified in its entirety by reference to the complete text of the Series A Certificate of Designations.

Future Classes or Series of Preferred Stock

This following description sets forth certain general terms and provisions of our authorized preferred stock, other than our Series A Preferred Stock described above. When we offer to sell a particular series of preferred stock, we will describe the specific terms of the securities in a supplement to this prospectus. The prospectus supplement will also indicate whether the general terms and provisions described in this prospectus apply to the particular series of preferred stock. The preferred stock will be issued under a certificate of designation relating to each series of preferred stock and is also subject to our Charter. The certificate of designation will be filed with the SEC in connection with an offering of preferred stock.

Our board of directors is authorized to issue the Preferred Stock in one or more series, and in connection with the creation of any such series, by adopting a resolution or resolutions providing for the issuance of the shares thereof and by filing a certificate of designation relating thereto in accordance with the Delaware law, to determine and fix the number of shares of such series and such voting powers, full or limited, or no voting powers, and such designations, preferences and relative participating, optional or other special rights, and qualifications, limitations or restrictions thereof, including without limitation thereof, dividend rights, conversion rights, redemption privileges and liquidation preferences, and to increase or decrease (but not below the number of shares of such series then outstanding) the number of shares of any series as shall be stated and expressed in such resolutions, all to the fullest extent now or hereafter permitted by the Delaware law.

Our board of directors will make any determination to issue such shares based on its judgment as to our company's best interests and the best interests of our stockholders.

We will incorporate by reference as an exhibit to the registration statement, which includes this prospectus, the form of any certificate of designations that describes the terms of the series of preferred stock we may offer in the future. This description and the applicable prospectus supplement will include:

- the title and stated value;
- the number of shares authorized;
- the liquidation preference per share;
- the purchase price;
- the dividend rate, period and payment date, and method of calculation for dividends;
- whether dividends will be cumulative or non-cumulative and, if cumulative, the date from which dividends will accumulate;
- the procedures for any auction and remarketing, if any;
- the provisions for a sinking fund, if any;
- the provisions for redemption or repurchase, if applicable, and any restrictions on our ability to exercise those redemption and repurchase rights;
- any listing of the preferred stock on any securities exchange or market;
- whether the preferred stock will be convertible into our common stock, and, if applicable, the conversion price, or how it will be calculated, and the conversion period;
- voting rights, if any, of the preferred stock;
- preemptive rights, if any;

- restrictions on transfer, sale or other assignment, if any;
- whether interests in the preferred stock will be represented by depositary shares;
- a discussion of any material United States federal income tax considerations applicable to the preferred stock;
- the relative ranking and preferences of the preferred stock as to dividend rights and rights if we liquidate, dissolve or wind up our affairs;
- any limitations on issuance of any class or series of preferred stock ranking senior to or on a parity with the series of preferred stock as to dividend rights and rights if we liquidate, dissolve or wind up our affairs; and
- any other specific terms, preferences, rights or limitations of, or restrictions on, the preferred stock.

All shares of preferred stock offered will be fully paid and non-assessable. Any shares of preferred stock that are issued will have priority over the common stock with respect to dividend or liquidation rights or both.

Our Board could create and issue a series of preferred stock with rights, privileges or restrictions which effectively discriminate against an existing or prospective holder of preferred stock as a result of the holder beneficially owning or commencing a tender offer for a substantial amount of common stock. One of the effects of authorized but unissued and unreserved shares of capital stock may be to make it more difficult or discourage an attempt by a potential acquirer to obtain control of our company by means of a merger, tender offer, proxy contest or otherwise. This protects the continuity of our management. The issuance of these shares of capital stock may defer or prevent a change in control of our company without any further stockholder action.

The transfer agent for each series of preferred stock will be described in the prospectus supplement.

Our Transfer Agent and Warrant Agent

The transfer agent for our Common Stock and warrant agent for our warrants is Continental Stock Transfer & Trust Company, 1 State Street, New York, New York 10004.

Listing of Securities

Our Common Stock and Public Warrants are listed on the Nasdaq Capital Market under the symbols “KITT” and “KITTW,” respectively.

DESCRIPTION OF DEPOSITARY SHARES

Set forth below is a description of the general terms and conditions of the depositary shares that may be offered under this prospectus. The specific terms and conditions of the depositary shares will be described in a supplement to this prospectus. Any prospectus supplement may add, change, update, or supersede the terms and conditions of the depositary shares as described in this prospectus. To the extent the information contained in the applicable prospectus supplement differs from the description set forth below, you should rely on the information in the applicable prospectus supplement, deposit agreement, and depositary receipts.

General

We may elect to offer fractional shares or some multiple of shares of preferred stock, rather than offer whole shares of preferred stock. If we choose to do this, we will issue receipts for depositary shares. Each depositary share will represent a fraction or some multiple of a share of a particular series of preferred stock.

The shares of any series of preferred stock underlying the depositary shares will be deposited under a separate deposit agreement between us and a bank or trust company, which we will select. The bank or trust company must have its principal office in the United States and a combined capital and surplus of at least \$500,000,000. The prospectus supplement relating to a series of depositary shares will state the name and address of the depositary. Unless otherwise provided by the deposit agreement, each owner of depositary shares will be entitled, in proportion to the applicable fraction or multiple of a share of preferred stock underlying the depositary shares, to all the rights and preferences of the preferred stock underlying the depositary shares including dividend, voting, redemption, conversion, and liquidation rights.

The depositary shares will be evidenced by depositary receipts issued under the deposit agreement. Depositary receipts will be distributed to those persons purchasing the fractional interest in or multiple of shares of the related series of preferred stock in accordance with the terms of the offering described in the related prospectus supplement.

Dividends and other Distributions

The depositary will distribute all cash dividends or other cash distributions received with respect to preferred stock to the record holders of depositary shares relating to the preferred stock in proportion to the numbers of the depositary shares owned by the holders on the relevant record date. However, the depositary will distribute only an amount that can be distributed without attributing to any holder of depositary shares a fraction of one cent, and any balance not so distributed will be added to and treated as part of the next sum received by the depositary for distribution to record holders of depositary shares.

If there is a non-cash distribution, the depositary will distribute property received by it to the record holders of depositary shares entitled to it, unless the depositary determines that it is not feasible to make the distribution. If this happens, the depositary may, with our approval, sell the property and distribute the net sale proceeds to the holders.

Redemption of Depositary Shares

If a series of the preferred stock underlying the depositary shares is redeemed in whole or in part, the depositary shares will be redeemed from the redemption proceeds received by the depositary. The redemption price for each depositary share will be equal to the applicable fraction or multiple of the redemption price for each share payable

with respect to the series of the preferred stock. Whenever we redeem shares of preferred stock held by the depositary, the depositary will redeem on the same redemption date the number of depositary shares relating to the shares of preferred stock so redeemed. If less than all of the depositary shares are to be redeemed, the depositary shares to be redeemed will be selected by lot or proportionally as may be determined by the depositary.

After the date fixed for redemption, the depositary shares called for redemption will no longer be considered outstanding and all rights of the holders of depositary shares will cease, except the right to receive the money, securities or other property payable upon the redemption and any money, securities, or other property to which the holders of the redeemed depositary shares were entitled upon surrender to the depositary of the depositary receipts evidencing the depositary shares.

Voting the Preferred Stock

Upon receipt of notice of any meeting at which the holders of the preferred stock are entitled to vote, the depositary will mail the information contained in the notice of meeting to the record holders of depositary shares relating to the preferred stock. Each record holder of depositary shares on the record date, which will be the same date as the record date for the preferred stock, will be entitled to instruct the depositary how to exercise the voting rights pertaining to the number of shares of preferred stock underlying the holder's depositary shares. The depositary will endeavor, to the extent practicable, to vote the number of shares of preferred stock underlying the depositary shares in accordance with these instructions, and we will agree to take all action that the depositary may consider necessary in order to enable the depositary to vote the shares.

Amendment and Termination of Deposit Agreement

We may enter into an agreement with the depositary at any time to amend the form of depositary receipt evidencing the depositary shares and any provision of the deposit agreement. However, the holders of a majority of the depositary shares must approve any amendment that materially and adversely alters the rights of the existing holders of depositary shares. We or the depositary may terminate the deposit agreement only if (i) all outstanding depositary shares issued under the agreement have been redeemed, or (ii) a final distribution in connection with any liquidation, dissolution, or winding up has been made to the holders of depositary shares.

Charges of Depositary

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the deposit arrangements. We will also pay charges of the depositary in connection with the initial deposit of the preferred stock and any redemption of the preferred stock. Holders of depositary shares will pay transfer and other taxes and governmental charges and such other charges as are expressly provided in the deposit agreement to be for their accounts.

Resignation and Removal of Depositary

The depositary may resign at any time by delivering to us notice of its election to resign, and we may at any time remove the depositary. Any resignation or removal will take effect when a successor depositary has been appointed and has accepted the appointment. Appointment must occur within 60 days after delivery of the notice of resignation or removal. The successor depositary must be a bank or trust company having its principal office in the United States and having a combined capital and surplus of at least \$500,000,000.

Miscellaneous

The depositary will forward to the holders of depositary shares all reports and communications that we deliver to the depositary and that we are required to furnish to the holders of the preferred stock.

Neither the depositary nor we will be liable if either of us are prevented or delayed by law or any circumstance beyond our control in performing our obligations under the deposit agreement. Our obligations and those of the depositary will be limited to performance in good faith of our duties under the deposit agreement. Neither we nor the depositary will be obligated to prosecute or defend any legal proceeding in respect of any depositary shares or preferred stock unless satisfactory indemnity is furnished. Further, both of us may rely upon written advice of counsel or accountants, or upon information provided by persons presenting preferred stock for deposit, holders of depositary receipts or other persons believed to be competent and on documents believed to be genuine.

DESCRIPTION OF WARRANTS

Set forth below is a description of the general terms and conditions of the warrants that may be offered under this prospectus. The specific terms and conditions of the warrants will be described in a supplement to this prospectus. Any prospectus supplement may add, change, update, or supersede the terms and conditions of the warrants as described in this prospectus. To the extent the information contained in the applicable prospectus supplement differs from the description set forth below, you should rely on the information in the applicable prospectus supplement, warrant agreement, and warrant certificate.

General

We may issue warrants to purchase shares of our common stock or preferred stock in one or more series together with other securities or separately, as described in each applicable prospectus supplement. Below is a description of certain general terms and provisions of the warrants that we may offer. Particular terms of the warrants will be described in the applicable warrant agreements and the applicable prospectus supplement for the warrants.

Terms of Warrants

The applicable prospectus supplement will contain, where applicable, the following terms of and other information relating to the warrants:

- the specific designation and aggregate number of, and the price at which we will issue, the warrants;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- the designation, amount, and terms of the securities purchasable upon exercise of the warrants;
- if applicable, the exercise price for shares of our common stock and the number of shares of common stock to be received upon exercise of the warrants and any changes to or adjustments in the exercise price;
- if applicable, the exercise price for shares of our preferred stock, the number of shares of preferred stock to be received upon exercise and any changes to or adjustments in the exercise price, and a description of that class or series of our preferred stock;
- the date on which the right to exercise the warrants will begin and the date on which that right will expire or, if the warrants may not be continuously exercised throughout that period, the specific date or dates on which the warrants may be exercised;

- whether the warrants will be issued in fully registered form or bearer form, in definitive or global form or in any combination of these forms, although, in any case, the form of a warrant included in a unit will correspond to the form of the unit and of any security included in that unit;
- any applicable material U.S. federal income tax consequences;
- the identity of the warrant agent for the warrants and of any other depositaries, execution or paying agents, transfer agents, registrars or other agents;
- the proposed listing, if any, of the warrants or any securities purchasable upon exercise of the warrants on any securities exchange;
- if applicable, the date from and after which the warrants and the common stock or preferred stock will be separately transferable;
- if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;
- information with respect to book-entry procedures, if any;
- the anti-dilution provisions of the warrants, if any;
- any redemption or call provisions;
- whether the warrants are to be sold separately or with other securities as parts of units; and
- any additional terms of the warrants, including terms, procedures, and limitations relating to the exchange and exercise of the warrants.

Exercise of Warrants

Each warrant will entitle the holder of the warrant to purchase at the exercise price set forth in the applicable prospectus supplement the number of shares of common stock or preferred stock being offered. Holders may exercise warrants at any time up to the close of business on the expiration date set forth in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will be void. Holders may exercise warrants as described in the prospectus supplement relating to the warrants being offered.

Until a holder exercises the warrants to purchase shares of our common stock or preferred stock, the holder will not have any rights as a holder of shares of our common stock or preferred stock, as the case may be, by virtue of ownership of the warrants.

Transfer Agent and Registrar

The transfer agent and registrar for any warrants will be set forth in the applicable prospectus supplement.

DESCRIPTION OF RIGHTS

Set forth below is a description of the general terms and conditions of the rights that may be offered under this prospectus. The specific terms and conditions of the rights will be described in a supplement to this prospectus. Any prospectus supplement may add, change, update, or supersede the terms and conditions of the rights as described in this prospectus. To the extent the information contained in the applicable prospectus supplement differs from the description set forth below, you should rely on the information in the applicable prospectus supplement, rights agent or subscription agent agreement, and rights certificate.

General

We may issue rights to purchase common stock, preferred stock, or warrants. The rights may or may not be transferable by the persons purchasing or receiving the rights. In connection with any rights issuance, we may enter into a standby underwriting or other arrangement with one or more underwriters or other persons pursuant to which such underwriters or other persons would purchase any offered securities remaining unsubscribed for after such rights issuance. Rights may be issued independently or together with any of our common stock, preferred stock, or warrants offered by a prospectus supplement, and may be attached to or separate from those offered securities. Each series of rights will be issued under a separate rights agent or subscription agent agreement to be entered into between us and a bank or trust company, as rights agent or subscription agent, as applicable, all as further set forth in the prospectus supplement relating to the particular issue of rights. The rights agent or subscription agent will act solely as our agent in connection with the rights and will not assume any obligation or relationship of agency or trust for or with any holders of rights certificates or beneficial owners of rights. A copy of the form of rights agent or subscription agent agreement, including the form of rights certificate representing a series of rights, will be filed with the SEC in connection with the offering of a particular series of rights.

Terms of Rights

The prospectus supplement relating to a particular issue of rights to purchase our common stock, preferred stock, or warrants will describe the terms of those rights, which may include, without limitation, one or more of the following:

- the date of determining the security holders entitled to the rights distribution;
- the aggregate number of rights issued and the aggregate number of shares of common stock or preferred stock or warrants purchasable upon exercise of the rights;
- the exercise price;
- the conditions to completion of the rights offering;
- the date on which the right to exercise the rights will commence and the date on which the rights will expire; and

- any applicable federal income tax considerations.

Exercise of Rights

Each right would entitle the holder of the right to purchase at the exercise price set forth in the applicable prospectus supplement the number of shares of common stock or preferred stock or warrants being offered. Holders may exercise rights at any time up to the close of business on the expiration date set forth in the applicable prospectus supplement. After the close of business on the expiration date, unexercised rights will be void. Holders may exercise rights as described in the prospectus supplement relating to the rights being issued. If less than all of the rights issued in any rights offering are exercised, we may offer any unsubscribed securities directly to persons other than our security holders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby arrangements, as described in the applicable prospectus supplement.

Until a holder exercises the rights to purchase shares of our common stock or preferred stock or warrants, the holder will not have any rights as a holder of shares of our common stock or preferred stock or warrants, as the case may be, by virtue of ownership of the rights.

DESCRIPTION OF UNITS

Set forth below is a description of the general terms and conditions of the units that may be offered under this prospectus. The specific terms and conditions of the units will be described in a supplement to this prospectus. Any prospectus supplement may add, change, update, or supersede the terms and conditions of the units as described in this prospectus. To the extent the information contained in the applicable prospectus supplement differs from the description set forth below, you should rely on the information in the applicable prospectus supplement and unit agreement.

We may issue units consisting of one or more shares of common stock, shares of preferred stock, depositary shares, warrants, or rights or any combination of such securities under this prospectus. The specific terms and conditions of the units will be described in a supplement to this prospectus which may include, without limitation, one or more of the following:

- the title of the series of units;
- identification and description of the separate securities comprising the units;
- the price or prices at which the units will be issued;
- the date, if any, on and after which the securities comprising the units will be separately transferrable; and
- any other material terms of the units and the securities comprising such units.

PLAN OF DISTRIBUTION

We may sell the securities offered through this prospectus or any applicable prospectus supplement in any one or more of the following ways:

- directly to investors, including through a specific bidding, auction or other process;
- to investors through agents;
- directly to agents;
- to or through brokers or dealers;
- to the public through underwriting syndicates led by one or more managing underwriters for resale to investors or to the public;
- to one or more underwriters acting alone for resale to investors or to the public;
- through a block trade (which may involve crosses) in which the broker or dealer so engaged will attempt to sell the securities as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- ordinary brokerage transactions and transactions in which the broker solicits purchasers;
- in “at the market offerings,” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or a sales agent or into an existing trading market, on an exchange or otherwise;
- transactions not involving market makers or established trading markets, including direct sales or privately negotiated transactions;
- exchange distributions and/or secondary distributions;
- by delayed delivery contracts or by remarketing firms;
- transactions in options, swaps, or other derivatives that may or may not be listed on an exchange; or
- through a combination of any such methods of sale.

We reserve the right to sell securities directly to investors on our own behalf in those jurisdictions where we are authorized to do so.

The securities may be distributed at a fixed price or prices, which may be changed, market prices prevailing at the time of sale, prices related to the prevailing market prices, or negotiated prices. Any of the prices may represent a discount from the prevailing market prices. In the sale of the securities, underwriters, dealers, or agents may receive compensation from us or from purchasers of the securities, for whom they may act as agents, in the form of discounts, concessions, or commissions. Underwriters may sell the securities to or through dealers, and such dealers may receive compensation in the form of discounts, concessions, or commissions from the underwriters and/or commissions from the purchasers for whom they may act as agents. Underwriters, dealers, and agents that participate in the distribution of the securities may be deemed to be underwriters under the Securities Act and any discounts or commissions they receive from us and any profit on the resale of securities they realize may be deemed to be underwriting discounts and commissions under the Securities Act. The prospectus supplement will, where applicable, describe, disclose, or identify:

- the terms of the offering;
- any underwriters, dealers, or agents;
- any managing underwriter or underwriters;
- the purchase price of the securities;
- the net proceeds from the sale of the securities;
- any delayed delivery arrangements;
- any underwriting discounts, commissions, and other items constituting underwriters' compensation;
- any initial public offering price;
- any discounts or concessions allowed or re-allowed or paid to dealers; and
- any commissions paid to agents.

Any underwritten offering may be on a best efforts or a firm commitment basis. If underwriters are used in the sale, the underwriters will acquire the securities for their own account, including through underwriting, purchase, security lending or repurchase agreements with us. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions. Underwriters may sell the securities in order to facilitate

transactions in any of our other securities (described in this prospectus or otherwise), including other public or private transactions and short sales. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless otherwise indicated in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or re-allowed or paid to dealers.

If dealers are used in the sale of securities offered through this prospectus, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The prospectus supplement will include the names of the dealers and the terms of the transaction.

We may sell the securities offered through this prospectus directly or through agents designated from time to time. The prospectus supplement will name any agent involved in the offer or sale of the offered securities and will describe any commissions payable to the agent. Unless otherwise indicated in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. The terms of any such sales will be described in the prospectus supplement.

We may also make direct sales through subscription rights distributed to our stockholders on a pro rata basis, which may or may not be transferable. In any distribution of subscription rights to stockholders, if all of the underlying securities are not subscribed for, we may then sell the unsubscribed securities directly to third parties or may engage the services of one or more underwriters, dealers or agents, including standby underwriters, to sell the unsubscribed securities to third parties.

If indicated in the applicable prospectus supplement, securities may also be offered or sold by a “remarketing firm” in connection with a remarketing arrangement contemplated by the terms of the securities. Remarketing firms may act as principals for their own accounts or as agents. The applicable prospectus supplement will identify any remarketing firm and the terms of its agreement, if any, with us. It will also describe the remarketing firm’s compensation. Remarketing firms may be deemed to be underwriters in connection with the remarketing of the securities.

If the prospectus supplement indicates, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase securities at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The applicable prospectus supplement will describe the commission payable for solicitation of those contracts.

We may from time to time engage a firm or firms to act as our agent for one or more offerings of our securities. We sometimes refer to any such agent as our “offering agent.” If we reach agreement with an offering agent with respect to a specific offering, including the number of securities and any minimum price below which sales may not be made, then the offering agent will try to sell such securities on the agreed terms. The offering agent could make sales in privately negotiated transactions or any other method permitted by law, including sales deemed to be an “at the market” offering as defined in Rule 415 promulgated under the Securities Act, including sales made directly on

an exchange, or sales made to or through a market maker other than on an exchange. Any such offering agent will be deemed to be an “underwriter” within the meaning of the Securities Act with respect to any sales effected through an “at the market” offering.

Unless the applicable prospectus supplement states otherwise, each series of offered securities will be a new issue and will have no established trading market, other than shares of our common stock, which are listed on the Nasdaq Capital Market. We may elect to list any series of offered securities on an exchange. Any underwriters that we use in the sale of offered securities may make a market in such securities, but may discontinue such market making at any time without notice. Therefore, we cannot assure you that the securities will have a liquid trading market.

Any underwriter may also engage in stabilizing transactions, syndicate covering transactions and penalty bids in accordance with Rule 104 under the Exchange Act. Stabilizing transactions involve bids to purchase the underlying security in the open market for the purpose of pegging, fixing or maintaining the price of the securities. Syndicate covering transactions involve purchases of the securities in the open market after the distribution has been completed in order to cover syndicate short positions.

Penalty bids permit the underwriters to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a syndicate covering transaction to cover syndicate short positions. Stabilizing transactions, syndicate covering transactions and penalty bids may cause the price of the securities to be higher than it would be in the absence of the transactions. The underwriters may, if they commence these transactions, discontinue them at any time.

We, the underwriters, dealers, or other agents may engage in derivative transactions involving the securities. These derivatives may consist of short sale transactions and other hedging activities. The underwriters, dealers, or agents may acquire a long or short position in the securities, hold or resell securities acquired and purchase options or futures on the securities and other derivative instruments with returns linked to or related to changes in the price of the securities. In order to facilitate these derivative transactions, we may enter into security lending or repurchase agreements with the underwriters, dealers, or agents. The underwriters, dealers, or agents may effect the derivative transactions through sales of the securities to the public, including short sales, or by lending the securities in order to facilitate short sale transactions by others. The underwriters, dealers, or agents may also use the securities purchased or borrowed from us or others (or, in the case of derivatives, securities received from us in settlement of those derivatives) to directly or indirectly settle sales of the securities or close out any related open borrowings of the securities.

We may also make sales through the Internet or through other electronic means. Since we may from time to time elect to offer securities directly to the public, with or without the involvement of agents, underwriters, or dealers, utilizing the Internet or other forms of electronic bidding or ordering systems for the pricing and allocation of such securities, you will want to pay particular attention to the description of that system we will provide in a prospectus supplement.

Such electronic system may allow bidders to directly participate, through electronic access to an auction site, by submitting conditional offers to buy that are subject to acceptance by us, and which may directly affect the price or other terms and conditions at which such securities are sold. These bidding or ordering systems may present to each bidder, on a so-called “real-time” basis, relevant information to assist in making a bid, such as the clearing spread at

which the offering would be sold, based on the bids submitted, and whether a bidder's individual bids would be accepted, prorated or rejected.

Upon completion of such an electronic auction process, securities will be allocated based on prices bid, terms of bid or other factors. The final offering price at which securities would be sold and the allocation of securities among bidders would be based in whole or in part on the results of the Internet or other electronic bidding process or auction.

Agents, underwriters, and dealers may be entitled, under agreements entered into with us, to indemnification by us against certain liabilities, including liabilities under the Securities Act. Our agents, underwriters, and dealers, or their affiliates, may be customers of, engage in transactions with or perform services for us, in the ordinary course of business.

To comply with applicable state securities laws, the securities offered by this prospectus will be sold, if necessary, in such jurisdictions only through registered or licensed brokers or dealers. In addition, securities may not be sold in some states unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

WHERE YOU CAN FIND MORE INFORMATION

We are currently subject to the information requirements of the Exchange Act and in accordance therewith file periodic reports, proxy and information statements, and other information with the SEC. Our SEC filings are available to you on the SEC's website at www.sec.gov. Our website address is <https://nauticusrobotics.com/>. Information on our website is not incorporated into this prospectus or our other securities filings and is not a part of this prospectus or any prospectus supplement.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus will be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference in this prospectus modifies or supersedes that statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

If you make a request for such information in writing or by telephone, we will provide you, without charge, a copy of any or all of the information incorporated by reference into this prospectus. Any such request should be directed to:

**Corporate Secretary
Nauticus Robotics, Inc.
17146 Feathercraft Lane, Suite 450
Webster, TX 77598
(281) 942-9069**

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate by reference” certain information into this prospectus, which means that we can disclose important information about us by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be a part of this prospectus. Because we are incorporating by reference future filings with the SEC, this prospectus is continually updated and those future filings may modify or supersede some of the information included or incorporated in this prospectus. This means that you must carefully review all of the SEC filings that we incorporate by reference to determine if any of the statements in this prospectus or in any document previously incorporated by reference have been modified or superseded. However, we undertake no obligation to update or revise any statements we make, except as required by law.

This prospectus incorporates by reference the documents listed below (in each case, other than those documents or the portions of those documents not deemed to be filed, including information furnished under Item 2.02 or Item 7.01 of Form 8-K and any corresponding information furnished with respect to such Items under Item 9.01 or as an exhibit):

- our Annual Report on Form 10-K for fiscal year ended December 31, 2024, filed with the SEC on April 15, 2025;
- our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2025, filed with the SEC on May 14, 2025;
- our definitive proxy statement on Schedule 14A filed with the SEC on April 29, 2025;
- our Current Reports on Form 8-K filed with the SEC on January 6, 2025, January 14, 2025, January 15, 2025, January 17, 2025, January 29, 2025, February 20, 2025, March 5, 2025, March 19, 2025, March 25, and April 2, 2025.
- the description of our securities which is contained in a Registration Statement on Form 8-A filed on July 14, 2021 under the Exchange Act, including any amendments or reports filed for the purpose of updating such description, including Exhibit 4.8 of our Annual Report on Form 10-K for the fiscal year ended December 31, 2023.

We also incorporate by reference into this prospectus all reports and documents that we may file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of the initial registration statement and prior to effectiveness of the registration statement and after the date of this prospectus but prior to the termination of the offering of the securities hereunder, but excluding any information deemed furnished and not filed with the SEC.

LEGAL MATTERS

The validity of any securities offered from time to time by this prospectus and any related prospectus supplement will be passed upon for us by Norton Rose Fulbright US LLP, Houston, Texas. Any underwriters, dealers, or agents will be advised about other issues relating to any offering by their own legal counsel named in the applicable prospectus supplement.

EXPERTS

The consolidated financial statements of Nauticus Robotics, Inc. as of December 31, 2024 and 2023 and for the years then ended incorporated by reference have been so included in reliance on the report of Whitley Penn LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

\$100,000,000
Common Stock
Preferred Stock
Depositary Shares
Warrants
Rights
Units



Nauticus Robotics, Inc.

PROSPECTUS

May 15, 2025

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

Set forth below is an estimate (except in the case of the registration fee) of the amount of fees and expenses to be incurred in connection with the issuance and distribution of the offered securities, other than underwriting discounts and commissions.

SEC Registration fee	\$15,310	
FINRA filing fees		*
Printing expenses		*
Legal fees and expenses		*
Accounting fees and expenses		*
Miscellaneous fees and expenses		*
Other		*
Total	\$15,310	

* These fees are calculated based on the number of issuances and amount of securities offered and accordingly cannot be estimated at this time.

We will bear all costs, expenses, and fees in connection with the registration of the securities, including with regard to compliance with state securities laws.

Item 15. Indemnification of Directors and Officers.

Subsection (a) of Section 145 of the General Corporation Law of the State of Delaware (referred to as the “DGCL”) empowers a corporation to indemnify any person who was or is a party or who is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys’ fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with such action, suit or proceeding if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe the person’s conduct was unlawful.

Subsection (b) of Section 145 empowers a corporation to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that the person acted in any of the capacities set forth above, against expenses (including attorneys’ fees) actually and reasonably incurred by the person in connection with the defense or settlement of such action or suit if the person acted in good faith and in a manner the

person reasonably believed to be in or not opposed to the best interests of the corporation, except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper.

Section 145 further provides that to the extent a director or officer of a corporation has been successful on the merits or otherwise in the defense of any action, suit or proceeding referred to in subsections (a) and (b) of Section 145, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith; that indemnification provided for by Section 145 shall not be deemed exclusive of any other rights to which the indemnified party may be entitled; and the indemnification provided for by Section 145 shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of such person's heirs, executors and administrators. Section 145 also empowers the corporation to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against such person and incurred by such person in any such capacity, or arising out of his status as such, whether or not the corporation would have the power to indemnify such person against such liabilities under Section 145.

Section 102(b)(7) of the DGCL provides that a corporation's certificate of incorporation may contain a provision eliminating or limiting the personal liability of a director to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, provided that such provision shall not eliminate or limit the liability of a director (i) for any breach of the director's duty of loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL or (iv) for any transaction from which the director derived an improper personal benefit.

The Company's Second Amended and Restated Certificate of Incorporation provides for indemnification of its directors, officers, employees and other agents to the maximum extent permitted by the DGCL, and the Company's amended and restated bylaws provide for indemnification of its directors, officers, employees and other agents to the maximum extent permitted by the DGCL.

Item 16. Exhibits.

The following is a list of exhibits filed as part of this registration statement.

Exhibit	Description
1.1*	Form of Underwriting Agreement
3.1	<u>Second Amended and Restated Certificate of Nauticus Robotics, Inc. (incorporated by reference to Exhibit 3.1 to the Company's Form S-1 filed August 7, 2023)</u>
3.2	<u>Certificate of Amendment to the Second Amended and Restated Certificate of Incorporation of Nauticus Robotics, Inc. (incorporated by reference to Exhibit 3.1 to the Company's Form 8-K filed on July 18, 2024)</u>
3.3	<u>Certificate of Designation of Series A Convertible Preferred Stock of Nauticus Robotics, Inc. (incorporated by reference to Exhibit 3.1 to the Company's Form 8-K filed on December 27, 2024)</u>
3.4	<u>Amended and Restated Bylaws of Nauticus Robotics, Inc. as amended and restated on May 11, 2023 (incorporated by reference to Exhibit 3.2 to the Company's Form S-1 filed on August 7, 2023)</u>
4.1	<u>Specimen Common Stock Certificate of CleanTech Acquisition Corp. (incorporated by reference to Exhibit 4.2 to the Company's Form S-1/A (Amendment No. 3) filed on July 6, 2021)</u>
4.2*	Form of Certificate of Designation for Preferred Stock
4.3*	Form of Preferred Stock Certificate
4.4*	Form of Deposit Agreement for Depositary Shares
4.5*	Form of Depositary Receipt for Depositary Shares
4.6*	Form of Warrant Agreement
4.7*	Form of Warrant Certificate
4.8*	Form of Rights Agreement or Subscription Agreement
4.9*	Form of Rights Certificate
4.10*	Form of Unit Agreement
4.11*	Form of Unit Certificate
4.12	<u>Specimen Warrant Certificate of CleanTech Acquisition Corp. (incorporated by reference to Exhibit 4.3 to the Company's Form S-1/A (Amendment No. 3) filed on July 6, 2021)</u>
4.13	<u>Warrant Agreement, dated July 14, 2021, by and between Continental Stock Transfer & Trust Company and CleanTech Acquisition Corp. (incorporated by reference to Exhibit 4.1 to the Company's Form 8-K filed on July 21, 2021)</u>
4.14	<u>Rights Agreement, dated July 14, 2021, by and between Continental Stock Transfer & Trust Company and CleanTech Acquisition Corp. (incorporated by reference to Exhibit 4.2 to the Company's Form 8-K filed on July 21, 2021)</u>
4.15	<u>Form of 5% Original Issue Discount Senior Secured Debenture to be issued pursuant to the Securities Purchase Agreement dated December 16, 2021 (incorporated by reference to Exhibit 4.6 to the Company's Form S-4/A filed on June 17, 2022)</u>
4.16	<u>Form of Warrants to be issued pursuant to the Securities Purchase Agreement dated December 16, 2021 (incorporated by reference to Exhibit 4.7 to the Company's Form S-4/A filed on June 17, 2022)</u>

4.17	<u>Senior Secured Term Loan Agreement, dated as of September 18, 2023, by and among Nauticus Robotics, Inc., ATW Special Situations II, LLC as collateral agent and lender, and the lenders party thereto (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on September 21, 2023).</u>
4.18	<u>First Amendment to Senior Secured Loan Agreement dated December 31, 2023 (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on January 5, 2024).</u>
4.19	<u>Senior Secured Term Loan Agreement dated as of January 30, 2024, by and among Nauticus Robotics, Inc., ATW Special Situations Management LLC, as collateral agent and lender, and the lenders party thereto (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on February 5, 2024).</u>
4.20	<u>Second Amendment to Senior Secured Term Loan Agreement, dated as of January 30, 2024, by and among Nauticus Robotics, Inc. and the other parties thereto (incorporated by reference to Exhibit 10.7 to the Company's Form 8-K filed on February 5, 2024).</u>
4.21	<u>Form of Original Issue Discount Exchanged Senior Secured Convertible Debenture Due September 9, 2026 (incorporated by reference to Exhibit 10.10 to the Company's Current Report on Form 8-K filed on February 5, 2024)</u>
4.22	<u>First Amendment to Senior Secured Loan Agreement dated May 1, 2024 (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on May 1, 2024)</u>
4.23	<u>Form of Original Issue Discount Senior Secured Convertible Debenture Due 2026 (incorporated by reference to Exhibit 10.3 to the Company's Form 8-K filed on November 5, 2024)</u>
5.1**	<u>Opinion of Norton Rose Fulbright US LLP</u>
23.1**	<u>Consent of Norton Rose Fulbright US LLP (included in Exhibit 5.1)</u>
23.2**	<u>Consent of Whitley Penn LLP.</u>
24.1	<u>Power of Attorney (incorporated by reference to Exhibit 24.1 to the Company's Form S-3 filed on February 3, 2025)</u>
107.1***	<u>Calculation of Filing Fee Table</u>

* To be filed if necessary, subsequent to the effectiveness of this registration statement by an amendment to this registration statement or incorporated by reference pursuant to a Current Report on Form 8-K in connection with the offering of securities.

** Filed herewith.

*** Previously filed.

Item 17. Undertakings

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.

Provided, however, that the undertakings set forth in paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement or is contained in a form of prospectus filed pursuant to Rule 424(b) that is a part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(A) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(B) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an

underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser: (i) any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424; (ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant; (iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and (iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual or transition report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(c) The undersigned registrant hereby undertakes that: (i) for purposes of determining any liability under the Securities Act of 1933, the information omitted from the form of prospectus filed as part of the registration statement in reliance upon Rule 430A and contained in the form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of the registration statement as of the time it was declared effective; and (ii) for the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(d) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is therefore unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling

precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933, and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Webster, State of Texas, on May 15, 2025.

NAUTICUS ROBOTICS, INC.

By: /s/ John W. Gibson, Jr.
Name: John W. Gibson, Jr.
Title: Chief Executive Officer and President

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed below by the following persons in the capacities and on the dates indicated.

SIGNATURES	TITLE	DATE
<u>/s/ John W. Gibson, Jr.</u> John W. Gibson, Jr.	Chief Executive Officer and President and Director (Principal Executive Officer)	May 15, 2025
<u>/s/ Victoria Hay</u> Victoria Hay	Interim Chief Financial Officer (Principal Financial and Accounting Officer)	May 15, 2025
<u>*</u> William H. Flores	Chairperson of the Board	May 15, 2025
<u>*</u> Jim Bellingham	Director	May 15, 2025
<u>*</u> Adam Sharkawy	Director	May 15, 2025
<u>*</u> Eli Spiro	Director	May 15, 2025

* By: /s/ John W. Gibson Jr.
John W. Gibson Jr.
Attorney-in-fact



May 15, 2025

Nauticus Robotics, Inc.
17146 Feathercraft Lane, Suite 450
Webster, Texas 77598

Norton Rose Fulbright US LLP
1550 Lamar Street, Suite 2000,
Houston, Texas 77010-4106, United States

Tel +1 713 651 5594
Fax +1 713 651 5246

nortonrosefulbright.com

Re: Registration and Issuance of Securities of Nauticus Robotics, Inc.

Ladies and Gentlemen:

We have acted as special counsel to Nauticus Robotics, Inc., a Delaware corporation (the "**Company**"), with respect to certain legal matters in connection with the registration under the Securities Act of 1933, as amended (the "**Securities Act**"), of the offer and sale by the Company from time to time, pursuant to Rule 415 under the Securities Act, of an indeterminate amount of (a) common stock, par value \$0.0001 per share, of the Company (the "**Common Stock**"), (b) preferred stock, par value \$0.0001 per share, of the Company (the "**Preferred Stock**" and, together with the Common Stock, the "**Company Stock**"), in one or more series, which may be convertible into or exchangeable for Common Stock, (c) depositary shares representing an interest in a fractional share or multiple shares of Preferred Stock (the "**Depositary Shares**"), (d) warrants to purchase Common Stock or Preferred Stock (the "**Warrants**"), (e) rights to purchase Company Stock or Warrants (the "**Rights**"), and (f) units that include Company Stock, Depositary Shares, Warrants, Rights, or any combination thereof (the "**Units**" and, collectively with the Company Stock, Depositary Shares, Warrants, and Rights, the "**Securities**"), having an aggregate initial offering price not to exceed \$100,000,000, and each on terms to be determined at the time of its offering.

We also have participated in the preparation of the Prospectus (the "**Prospectus**") contained in the Registration Statement on Form S-3, as amended (the "**Registration Statement**") filed with the Securities and Exchange Commission (the "**Commission**") to which this letter is an exhibit. The Securities will be offered in amounts, at prices, and on terms to be determined in light of market conditions at the time of sale and to be set forth in supplements to the Prospectus (each, a "**Prospectus Supplement**"). Capitalized terms not otherwise defined in this letter shall have the meanings ascribed to them in the Prospectus.

In rendering the opinions set forth below, we have examined and relied upon: (i) the Registration Statement, including the Prospectus; (ii) the Company's Second Amended and Restated Certificate of Incorporation effective as of September 9, 2022, as amended by the Certificate of Amendment (the "**Certificate of Incorporation**"), and the Company's Amended and Restated Bylaws dated as of May 11, 2023 (the "**Bylaws**"); (iii) resolutions of the Board of Directors of the Company (the "**Board**") relating to the Registration Statement; and (iv) such corporate documents, records, certificates, and other instruments, documents, and writings as we considered appropriate for purposes of the opinions expressed in this letter. In addition, we reviewed such questions of law as we considered appropriate to enable us to render the opinions expressed in this letter. As to matters of fact relevant to the opinions expressed below and as to

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factual matters arising in connection with our review of corporate documents, records, certificates, and other instruments, documents, and writings, we have made no independent investigation of such facts and we have relied in certain cases upon certificates and other communications of officers and employees of the Company without further investigation as to the facts set forth in such certificates and communications.

In connection with rendering the opinions expressed in this letter, we have assumed that:

(i) all information contained in all documents reviewed by us is true, correct, and complete;

(ii) all signatures on all documents examined by us are genuine and each individual who signed any of those documents had legal capacity and authority to do so;

(iii) all documents submitted to us as originals are authentic, all documents submitted to us as copies conform to the authentic originals of those documents and all documents examined by us are duly authorized, executed, and delivered by the parties thereto (other than the Company);

(iv) the Certificate of Incorporation and Bylaws will not have been amended in any manner that would affect any legal conclusion set forth in this letter, and any certificate of designations in respect of Preferred Stock will be in conformity therewith and with applicable law;

(v) the consideration paid for any shares of Company Stock will comply with the Delaware General Corporation Law, as amended (the "**DGCL**"), as applicable, and any successor statute(s);

(vi) the Registration Statement, and any amendments thereto (including post-effective amendments), will have become effective under the Securities Act;

(vii) a Prospectus Supplement will have been prepared and filed with the Commission describing the Securities offered thereby;

(viii) all Securities will be offered and sold in compliance with applicable federal and state securities laws and in the form and manner and on the terms specified in the Registration Statement and the applicable Prospectus Supplement;

(ix) with respect to Securities to be offered through an agent, underwriter, or dealer, or to or through a market maker, the form, terms, and conditions of a definitive purchase, placement, agency, underwriting, or similar agreement with respect to any Securities or, with respect to Securities to be sold by the Company directly to investors in privately negotiated transactions, the form, terms, and conditions of such agreement with respect to such Securities, will have been duly authorized and validly executed and delivered by the parties thereto (other than the Company);

(x) in the case of shares of Company Stock, the Board will have taken all necessary corporate action to approve the issuance of the Company Stock;

297196300.2



(xi) in the case of shares of Preferred Stock of any series, the Board will have taken all necessary corporate action to designate and establish the terms of such series and will have caused a certificate of designations with respect to such series to be prepared and filed with the Secretary of State of the State of Delaware in accordance with the DGCL, and the terms of such series will not violate any applicable law or result in a default under or breach of any agreement or instrument binding upon the Company and will comply with any requirements or restrictions imposed by any court or governmental body having jurisdiction over the Company;

(xii) in the case of Warrants: (A) the Board will have taken all necessary corporate action to authorize the creation of and the terms of such Warrants and the issuance of the Securities to be issued pursuant thereto and to approve the warrant agreement relating thereto; (B) such warrant agreement will have been duly executed and delivered by the warrant agent thereunder appointed by the Company, if any; (C) each person signing such warrant agreement will have the legal capacity and authority to do so; (D) neither such Warrants nor such warrant agreement will include any provision that is unenforceable, that violates any applicable law, or results in a default under or breach of any agreement or instrument binding upon the Company; (E) the terms of such Warrants and such warrant agreement and the issuance and sale of the Warrants will comply with any requirements or restrictions imposed by any court or governmental body having jurisdiction over the Company; and (F) such Warrants or certificates representing such Warrants will have been duly executed, countersigned, registered, and delivered by the parties thereto (other than the Company) in accordance with the provisions of such warrant agreement;

(xiii) in the case of Depositary Shares, any depositary agreement with respect to the Depositary Shares will have been duly authorized and validly executed and delivered by the parties thereto (other than the Company) and each person signing such depositary agreement will have the legal capacity and authority to do so;

(xiv) in the case of Rights: (A) the Board will have taken all necessary corporate action to authorize the creation of and the terms of such Rights and the issuance of the Securities to be issued pursuant thereto and to approve the rights or subscription agreement relating thereto; (B) such rights or subscription agreement will have been duly executed and delivered by the rights or subscription agent thereunder appointed by the Company, if any; (C) each person signing such rights or subscription agreement will have the legal capacity and authority to do so; (D) neither such Rights nor such rights or subscription agreement will include any provision that is unenforceable, that violates any applicable law, or results in a default under or breach of any agreement or instrument binding upon the Company; (E) the terms of such Rights and such rights or subscription agreement and the issuance and sale of the Rights will comply with any requirements or restrictions imposed by any court or governmental body having jurisdiction over the Company; and (F) such Rights or certificates representing such Rights will have been duly executed, countersigned, registered, and delivered by the parties thereto (other than the Company) in accordance with the provisions of such rights or subscription agreement;

(xv) certificates representing shares of Company Stock will have been duly executed, countersigned, registered, and delivered, or if uncertificated, valid book-entry notations will have been made in the share register of the Company, by the parties thereto (other than the Company), in each case, in accordance with the provisions of the Certificate of Incorporation and Bylaws;

297196300.2



(xvi) there will be sufficient shares of Common Stock or Preferred Stock authorized under the Certificate of Incorporation and not otherwise issued or reserved for issuance;

(xvii) the purchase price for Company Stock payable to the Company or, if such shares are issuable on the conversion, exchange, redemption, or exercise of another Security, the consideration payable to the Company for such conversion, exchange, redemption, or exercise, will not be less than the par value of such shares, or the lesser of such purchase price or such consideration, as the case may be, or the amount of such purchase price or such consideration, as the case may be, timely determined by the Board to constitute the stated capital applicable to such shares, in the case of shares of Preferred Stock;

(xviii) at the time of execution, countersignature, issuance, and delivery of the Unit agreements, such Unit agreements will have been duly authorized and validly executed and delivered by the parties thereto (other than the Company) and each person signing such Unit agreements will have the legal capacity and authority to do so;

(xix) any Securities issuable upon conversion, exchange, or exercise of any Securities being offered will have been duly authorized, created and, if appropriate, reserved for issuance upon such conversion, exchange, or exercise;

(xx) at or prior to the issuance of any Securities, the Board will not have rescinded or modified the authorization of such Securities; and

(xxi) neither the establishment of any terms of any of the Securities after the date hereof nor the issuance and delivery of, or the performance of the Company's obligations under, such Securities will require any authorization, consent, approval, or license of or exemption from, or registration or filing with, or report or notice to, any governmental unit, agency, commission, department, or other authority (a "**Governmental Approval**"), or violate or conflict with, result in a breach of, or constitute a default under, (A) any agreement or instrument to which the Company or any of its affiliates is a party or by which the Company or any of its affiliates or any of their respective properties may be bound, (B) any Governmental Approval that may be applicable to the Company or any of its affiliates or any of their respective properties, (C) any order, decision, judgment, or decree that may be applicable to the Company or any of its affiliates or any of their respective properties, or (D) any applicable law (other than the laws described in the penultimate paragraph of this letter, in each case as in effect on the date hereof).

Based on the foregoing, and subject to the assumptions, qualifications, limitations, and exceptions set forth herein, we are of the opinion that:

1. With respect to the Common Stock, when (a) the Company has taken all necessary action to approve the issuance of the Common Stock, the terms of the offering, and related matters, and (b) the Common Stock has been issued and delivered in accordance with the terms of the applicable definitive purchase, underwriting, or similar agreement approved by the Board upon payment of the consideration therefor provided for therein, then the Common Stock will be validly issued, fully paid, and nonassessable.

2. With respect to the Preferred Stock, when (a) the Company has taken all necessary action to approve the issuance of the Preferred Stock, the terms of the offering and

297196300.2

related matters, including the adoption of a certificate of designations relating to any Preferred Stock and the filing of the certificate of designations with the Secretary of State of the State of Delaware, and (b) the Preferred Stock has been issued and delivered in accordance with the terms of the applicable definitive purchase, underwriting or similar agreement approved by the Board upon payment of the consideration therefor provided for therein, then the Preferred Stock will be validly issued, fully paid, and nonassessable.

3. With respect to the Depositary Shares, when (a) the terms of the Depositary Shares and of their issuance and sale have been duly established in conformity with applicable law, (b) the Board has taken all necessary corporate action to approve the issuance and terms of the Depositary Shares, the terms of the offering thereof, and related matters, (c) the deposit agreement relating to the Depositary Shares has been duly authorized and validly executed and delivered by the parties thereto, and (d) the Preferred Stock that is represented by the Depositary Shares has been duly issued and delivered to the depository, and depository receipts evidencing the Depositary Shares have been duly issued against the deposit of Preferred Stock in accordance with the deposit agreement, then the depository receipts will be validly issued and will constitute valid and legally binding obligations of the Company, enforceable against the Company in accordance with the terms of the depository receipts and the deposit agreement.

4. With respect to the Warrants, when (a) the Board has taken all necessary corporate action to approve the creation of and the issuance and terms of the Warrants, the terms of the offering thereof, and related matters, (b) a warrant agreement and any other agreements relating to the Warrants have been duly authorized and validly executed and delivered by the Company and the warrant agent appointed by the Company, if any, and (c) the Warrants or certificates representing the Warrants have been duly executed and delivered in accordance with the applicable warrant agreement, any other agreements relating to the Warrants, and the applicable definitive purchase, underwriting, or similar agreement approved by the Board upon payment of the consideration therefor provided for therein, then the Warrants will constitute valid and legally binding obligations of the Company, enforceable against the Company in accordance with their terms.

5. With respect to the Rights, when (a) the Board has taken all necessary corporate action to approve the creation of and the issuance and terms of the Rights, the terms of the offering thereof, and related matters, (b) a rights or subscription agreement and any other agreements relating to the Rights have been duly authorized and validly executed and delivered by the Company and the rights or subscription agent appointed by the Company, if any, and (c) the Rights or certificates representing the Rights have been duly executed and delivered in accordance with the applicable rights or subscription agreement, any other agreements relating to the Rights, and the applicable definitive purchase, underwriting, or similar agreement approved by the Board upon payment of the consideration therefor provided for therein, then the Rights will constitute valid and legally binding obligations of the Company, enforceable against the Company in accordance with their terms.

6. With respect to the Units, when (a) the Board has taken all necessary corporate action to approve and establish the terms of the Units and to authorize and approve the issuance thereof, the terms of the offering thereof, and related matters, (b) a unit agreement for the Units has been duly authorized and validly executed and delivered by the parties thereto, and (c) the Units have been duly executed and delivered in accordance with the unit agreement and the

297196300.2



applicable definitive purchase, underwriting, or similar agreement approved by the Board upon payment of the consideration therefor provided for therein, then the Units will be duly authorized and validly issued and will constitute valid and legally binding obligations of the Company enforceable against it in accordance with their terms.

Our opinions in paragraphs 1, 2, 3, 4, 5, and 6 above are subject to applicable bankruptcy, insolvency (including, without limitation, all laws relating to fraudulent transfer or conveyance), receivership, conservatorship, arrangement, reorganization, moratorium, and other similar laws relating to or affecting creditors' rights generally and to general principles of equity or public policy (regardless of whether enforcement is sought in a proceeding in equity or at law), including, without limitation, (a) the possible unavailability of specific performance, injunctive relief, or any other equitable remedy, and (b) concepts of materiality, reasonableness, good faith, and fair dealing, and we express no opinion herein with respect to provisions relating to severability or separability. The opinions expressed above are also subject to possible judicial action giving effect to governmental actions or foreign laws relating to or affecting creditors' rights.

We express no opinions concerning: (a) any provision that relates to severability or separability or purports to require that all amendments, supplements, or waivers be in writing; or (b) the enforceability of indemnification provisions to the extent they purport to relate to liabilities resulting from or based upon negligence or any violation of federal or state securities or blue sky laws.

The foregoing opinions are limited to the applicable provisions of the DGCL (including the statutory provisions and reported judicial decisions interpreting the foregoing) and applicable federal laws of the United States of America, and we are expressing no opinion as to the applicability or effect of the laws of any other jurisdiction, domestic or foreign. We express no opinion as to any matter other than as set forth in this letter, and no other opinion may be inferred or implied. Our opinion is given as of the date of this letter, and we undertake no, and disclaim any, obligation to advise you of any change in any matter set forth in this letter.

We hereby consent to the reference to our firm under the caption "Legal Matters" in the Prospectus and to the filing of this opinion as Exhibit 5.1 to the Registration Statement. By giving such consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Respectfully submitted,

/s/ Norton Rose Fulbright US LLP

Norton Rose Fulbright US LLP

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CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement on Form S-3/A (File No. 333-284675) of Nauticus Robotics, Inc. and subsidiary (the “Company”) of our report dated April 15, 2025, relating to our audit of the consolidated financial statements appearing in the Annual Report on Form 10-K of the Company for the years ended December 31, 2024 and 2023. We also consent to the reference to our firm under the heading “Experts” in the prospectus and prospectus supplement which is part of this Registration Statement.

/s/ Whitley Penn LLP

Houston, Texas

May 15, 2025
