

Ocean Power Technologies, Inc.

Form 424B5

October 19, 2017

The information in this preliminary prospectus supplement is not complete and may be changed. A registration statement related to these securities has been declared effective by the Securities and Exchange Commission. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities and are not the solicitation of an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED OCTOBER 19, 2017

Filed Pursuant to Rule 424(b)(5)

Registration No. 333-209517

PROSPECTUS SUPPLEMENT

(To Prospectus dated April 26, 2016)

Shares

Common Stock

We are offering _____ shares of our common stock at a price of \$ _____ per share. Our common stock is quoted on the NASDAQ Capital Market under the symbol "OPTT." The last reported sale price of our common stock on October 18, 2017 was \$2.00 per share.

As of the date of this prospectus supplement, the aggregate market value of our outstanding common stock held by non-affiliates, or public float, was approximately \$24,559,312, based on 12,279,656 shares of outstanding common stock held by non-affiliates as of the date of this prospectus supplement, at a price of \$2.00 per share, which was the last reported sale price of our common stock on The NASDAQ Capital Market on October 18, 2017. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell securities registered on the registration statement of which this prospectus supplement is a part in a primary offering with a value exceeding more than one-third of our

public float in any 12-month period so long as our public float remains below \$75.0 million. During the 12 calendar months preceding the date of this prospectus supplement, excluding the securities offered by this prospectus supplement, we have offered no securities pursuant to General Instruction I.B.6 of Form S-3.

Investing in our common stock involves a high degree of risk. See “Risk Factors” beginning on page S-9 of this prospectus supplement, on page 2 of the accompanying prospectus and in our reports filed with the Securities and Exchange Commission which are incorporated by reference herein for a discussion of information that should be considered in connection with an investment in our common stock.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

We have engaged Aegis Capital Corp., or the placement agent, as our placement agent in connection with this offering. The placement agent has no obligation to buy any of the securities from us or to arrange for the purchase or sale of any specific number or dollar amount of securities. We have agreed to pay the placement agent the placement agent fees set forth in the table below, which assumes that we sell all of the common shares we are offering. See “Plan of Distribution” beginning on page S-21 of this prospectus supplement for more information regarding these arrangements.

	Price to Public	Placement Agent Fees	Proceeds to us
Per Share	\$	\$	\$
Total	\$	\$	\$

Delivery of the shares of common stock is expected to be made on or about _____, 2017.

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Aegis Capital Corp.

The date of this prospectus supplement is _____, 2017.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is this prospectus supplement, which describes the specific terms of this offering of common stock, adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement. The second part, the accompanying prospectus, including the documents incorporated by reference, provides more general information about the securities we may offer from time to time, some of which may not apply to this offering. The accompanying prospectus was filed as part of our registration statement on Form S-3 (Registration No. 333-209517) with the Securities and Exchange Commission (the “SEC”) declared effective April 26, 2016. Generally, when we use the term prospectus, we are referring to both parts of this document combined. We urge you to carefully read this prospectus supplement, the information incorporated herein by reference, the accompanying prospectus, and any free writing prospectus that we authorize to be distributed to you before buying any of the securities being offered under this prospectus supplement. This prospectus supplement may supplement, update, or change information contained in the accompanying prospectus. To the extent that any statement that we make in this prospectus supplement is inconsistent with statements made in the accompanying prospectus or any documents incorporated by reference herein or therein, the statements made in this prospectus supplement will be deemed to modify or supersede those made in the accompanying prospectus and such documents incorporated by reference herein and therein.

You should rely only on the information contained in or incorporated by reference into this prospectus supplement and the accompanying prospectus and in any written communication from us or the placement agent, including any free writing prospectus. Neither we nor the placement agent have authorized anyone to provide you with additional or different information. Neither we nor the placement agent are making an offer of these securities in any state where the offer or sale is not permitted. In making an investment decision, prospective investors must rely on their own examination of us and the terms of the offering, including the merits and risks involved. None of Ocean Power Technologies, Inc., the placement agent nor any of their respective representatives is making any representation to you regarding the legality of an investment decision in our common stock by you under applicable laws. You should not assume that the information provided by this prospectus supplement, the accompanying prospectus, or the documents incorporated by reference in this prospectus supplement and in the accompanying prospectus is accurate as of any date other than its respective date. Our business, financial condition, results of operations, and prospects may have changed since those dates.

Before you invest in our common stock, you should carefully read the registration statement (including the exhibits thereto) of which this prospectus supplement and the accompanying prospectus form a part, as well as this prospectus supplement, the accompanying prospectus, and the documents incorporated by reference in this prospectus supplement and the accompanying prospectus. The incorporated documents are described in this prospectus supplement under the headings “Incorporation by Reference.”

This prospectus supplement and the accompanying prospectus contain forward-looking statements that are subject to a number of risks and uncertainties, many of which are beyond our control. Please read “Risk Factors” and “Cautionary Note Regarding Forward-Looking Statements.”

Certain industry and market data presented in this prospectus supplement and the accompanying prospectus has been derived from data included in various industry publications, surveys and forecasts. We have assumed the correctness and truthfulness of such data, including projections and estimates, when we use them in this prospectus supplement and the accompanying prospectus.

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PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights information contained elsewhere in or incorporated by reference into this prospectus supplement and the accompanying prospectus. Because this summary provides only a brief overview of the key aspects of the offering, it does not contain all of the information that you should consider before investing in our common stock. You should read the entire prospectus supplement and the accompanying prospectus carefully, including “Risk Factors” beginning on page S-9, “Cautionary Note Regarding Forward-Looking Statements” beginning on page S-12 and the documents incorporated by reference, which are described under “Incorporation of Certain Information by Reference,” before making an investment decision. As used in this prospectus supplement and the accompanying prospectus, unless otherwise indicated, “we,” “our,” “us,” “company” or similar terms refer collectively to Ocean Power Technologies, Inc. and its operating subsidiaries.

Overview

Nearly 70% of the earth’s surface is covered by water, with over 40% of the world’s population living within approximately 150 miles of a coast. Thousands of information gathering and/or power systems are deployed in the oceans today to increase understanding of weather, climate change, biological processes, and marine mammal patterns and to support exploration and operations for industries such as oil and gas. Most of these systems are powered by battery, solar, wind, fuel cell, or fossil fuel generators that may be unreliable and expensive to operate while they also may be limited in their ability to deliver ample electric power. These current systems often necessitate significant tradeoffs in sensor accuracy, data processing and communications bandwidth and frequency in order to operate given limited available power. More persistent power systems requiring less maintenance, such as our systems, may have the ability to save costs over these current systems. Just as importantly, increases in available power may allow for better sensors, faster data sampling and higher frequency communication intervals up to real-time which could as a result improve scientific and economic returns.

Founded in 1984 and headquartered in Pennington, New Jersey, we believe we are the leader in ocean wave power conversion technology. Our PB3 PowerBuoy is our first fully commercial product which generates electricity by harnessing the renewable energy of ocean waves. In addition to our PB3 PowerBuoy, we continue to develop our PowerBuoy product line based on modular, ocean-going buoys, which we have been periodically ocean testing since 1997.

The PB3 PowerBuoy generates power for use in remote offshore locations, independent of a conventional power grid, and it incorporates a unique onboard power take-off (“PTO”) system, which incorporates both energy storage and energy management and control systems. The PB3 generates up to 3 kilowatts (“kW”) of peak power during recharging of the onboard batteries. Power generation is deployment-site dependent whereby average power generated can increase substantially at very active sites. Our standard energy storage system (“ESS”) has an energy capacity of up to a nominal 150 kilowatt hours (“kWh”) to meet specific application requirements. We continue to develop and test our new

PowerBuoys, with the objective to incrementally scale up in power production. We believe there is a substantial addressable market for the current capabilities of our PB3, which we believe could be utilized in a variety of applications.

In addition to leveraging earlier design aspects of our autonomous PowerBuoy, the PB3 has undergone extensive factory and in-ocean design validation testing. Currently, our engineering efforts are focused primarily on cost reduction and life extensions of the PB3, while also scaling our technologies to increase the energy output. Our marketing efforts are focused on applications in remote offshore locations that require reliable and persistent power and communications, either by supplying electric power to payloads that are integrated directly in or on our PowerBuoy or located in its vicinity, such as on the seabed and in the water column.

Based on our market research and publicly available data, we believe that multiple markets have a direct need for our PowerBuoys including oil and gas, ocean observing, defense and security, communications. Depending on payload power requirements, sensor types and other considerations, we have found that our PowerBuoy could satisfy several application requirements within these markets. We believe that the PB3 persistently generates sufficient power to meet the requirements of many potential customer applications within our target markets.

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Since fiscal 2002, government agencies have accounted for a significant portion of our revenues. These revenues were largely for the support of our development efforts relating to our technology. Today our goal is to generate the majority of our revenue from the sale or lease of our products, and sales of services to support our business operations. As we continue to develop and commercialize our products, we expect to have a net loss of cash from operating activities unless and until we achieve positive cash flow from the commercialization of our products and services. During fiscal 2017 and the first quarter of fiscal year 2018, we continued work on projects with the U.S. Department of Defense (“DOD”), and Mitsui Engineering and Shipbuilding Co., Ltd. (“MES”), while we continued to validate the reliability and power output of our PB3 PowerBuoy.

Competitive Advantages

We are commercializing our PB3 PowerBuoy by targeting customers principally in four markets that require reliable and persistent power sources in remote offshore locations (as discussed in further detail below). We believe that our wave energy products and services, and our existing commercial relationships, provide the following competitive advantages in our target markets.

Numerous applications within multiple, major markets. We have designed our PB3 PowerBuoy systems to address multiple offshore applications around the world. In particular, we are targeting customers with applications within the oil and gas, defense and security, ocean observing, and communications markets.

Considerable life-cycle cost savings over current solutions for many applications. Our PB3 PowerBuoy is designed to operate over extended intervals between required servicing, as compared to several current solutions which we have found to require more frequent recharging or replacement using offshore vessels. We believe that our PB3 PowerBuoy reduces costs over multi-year operations as compared with current solutions. These cost reductions are mostly due to reduced vessel and personnel servicing activities.

Real-time data communications. Some current solutions with less available power than our PowerBuoy may have limited communication capabilities or may be able to communicate data only over shorter periods due to power limitations. Some current solutions may only make data accessible upon physical retrieval of the sensor. Our PowerBuoys can be equipped with a variety of communications equipment which enables the transmission of data on a more frequent basis as compared to current solutions. We believe that more frequent data communication could enable an end-user to more quickly and proactively make data-driven decisions which could result in economic advantages.

Increased power and more persistence compared to certain current solutions. We have found that our PowerBuoy may provide substantially increased power and persistence than certain existing systems such as battery and solar powered. We believe that that this may allow additional sensors to be employed at the same site, a higher sensor data transmission rate to be achieved, extended operation and reduced downtime, and improved operational costs for the end-user. Each of these may contribute to accelerated operations through real-time decision making, and increased

life-cycle cost savings by enabling these new capabilities.

Standard transportation and deployment. Our PB3 PowerBuoy does not require special handling or transportation, and instead uses conventional transportation and handling methods that are economical and readily available in standard marine operations. The PB3 can be packaged inside of a standard 40-foot shipping container which may result in lower global transportation and deployment costs than current solutions. Our PB3 PowerBuoy can be deployed using conventional vessels and conventional marine cranes and lifts.

Modular and scalable designs. Our PB3 PowerBuoy is designed with a modular ESS which allows us to tailor its configuration to specific application requirements, including expansion of energy storage capacity, potentially allowing for a more customized solution and potential cost savings for our customers. We believe that our PowerBuoys are scalable to higher power levels, and multiple PowerBuoys may also be installed in an array in order to achieve higher levels of aggregate power, although we have not demonstrated a PowerBuoy array.

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Flexible electrical, mechanical and communication interfaces for sensors. The PB3 PowerBuoy can be equipped with payloads, either mounted on or within the PowerBuoy, or tethered to the PowerBuoy. The PB3 PowerBuoy has mechanical and electrical interfaces which allow for simplified integration of payloads, creating flexibility for the end user.

Environmentally benign and aesthetically non-intrusive system design. We believe that our PB3 PowerBuoy does not present significant risks to marine life, or emit significant levels of pollutants, and therefore has minimal environmental impact as compared to some other current solutions. We believe there is no significant audible impact and such system does not have a negative effect on marine life, as validated by the US Navy and DOE.

Ocean and factory tested technology. Our PB3 PowerBuoy is designed to be durable, with a design goal of a three-year interval between required maintenance activities. The PB3 has survived hurricanes and tropical storms during harsh sea conditions while deployed in the ocean. Since 1997 we have conducted ocean tests to demonstrate the viability of our technology. In 2011 we conducted multiple ocean tests of the predecessor PB3 PowerBuoy under a contract with the U.S. Navy. More recently, we conducted multiple ocean tests of our current generation PB3 PowerBuoy, including our now commercial version. In 2015, we instituted factory-based PTO accelerated life testing which simulates continuous operation under extremely harsh conditions. During the 2017 fiscal year, we also implemented additional features to accommodate the feedback received from potential customers and end-users in support of further simplifying ocean deployments and increasing product application versatility. Further, we also focused on standardizing manufacturing and production testing procedures and worked closely with our supply base in order to ensure production repeatability. To date, we have achieved over 67 million cumulative strokes across our fleet of power takeoffs with no material failures in our commercial PTO design. This is equivalent to more than four cumulative years of continuous typical ocean operation for the markets which we are pursuing.

Efficient design in harnessing wave energy. We have designed and validated our PB3 PowerBuoy for maximized power generation in average ocean wave conditions through optimized mechanical to electrical wave energy conversion. We have designed the onboard ESS to provide several days of continuous rated power during periods of low or no wave activity, depending on payload power consumption. The PB3 PowerBuoy is equipped with a variety of communication capabilities including satellite, cellular, and Wi-Fi that are capable of transmitting payload data in real time (e.g., sensors or equipment that require power and communications capabilities), subject to the limits of the service provider.

Prior commercial relationships enabled the development of our technology. Our prior and existing relationships with the U.S. Navy, DOE, U.S. Department of Homeland Security, and MES have allowed us to develop our PB3 PowerBuoy for a variety of needs in various industries. We believe these relationships have helped position us within the private sector in support of commercialization, which we believe enhances our market visibility and attractiveness to our prospective customers. For example, in 2011 our PowerBuoy provided persistent power to an integrated radar and sonar system, significantly extending the U.S. Navy's surveillance range. We have also demonstrated persistent maritime vessel detection with the U.S. Department of Homeland Security by integrating a hydrophone onto our PowerBuoy and demonstrating enhanced maritime traffic detection. In each instance, the resulting data have informed our next design iterations to address critical operations and reliability improvements.

Business Strategy

We are commercializing our PB3 PowerBuoy for use in remote offshore power and real-time data communications applications, and in order to achieve this goal, we are pursuing the following business objectives.

Sell and/or Lease PowerBuoys. We believe our PB3 PowerBuoy is well suited for many remote offshore applications. We have observed potential market demand for both PowerBuoy sales and leases within our selected markets, and we intend to sell and lease PB3 PowerBuoys to these markets. Additionally, we intend to provide services associated with product sales and leases such as maintenance, remote monitoring and diagnostic, application engineering, planning, training, and logistics support required for the PB3 PowerBuoy life-cycle. We continue to increase our commercial capabilities through new hires in marketing, sales, and application support, and through engagement of expert market consultants in various geographies.

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Concentrate sales and marketing efforts in specific geographic markets. We are currently focusing our sales and marketing efforts in North America, Europe, Australia, and parts of Asia, including Japan. We believe that each of these areas has sizeable end market opportunities, political and economic stability, and high levels of industrialization and economic development.

Expand our relationships in key market areas through strategic partnerships and collaborations. We believe that strategic partners are an important part of commercializing a new product. Partnerships and collaborations can be used to improve the development of overall integrated solutions, to create new market channels, to expand commercial know-how and geographic footprint, and to bolster our product delivery capabilities.

Commercial collaborations. We believe that an important element of our business strategy is to collaborate with other organizations to leverage our combined expertise, market presence and access, and core competences across key markets. We have formed such a relationship with several well-known groups, including MES in Japan, the National Data Buoy Center (“NDBC”), the Wildlife Conservation Society (“WCS”), Gardline Environmental (an international and multi-disciplinary marine service company), Sonalysts (with expertise in subsea and surface communications, systems integration, and big-data management), and HAI Technologies (an innovative company focusing on bringing new capabilities to the oil and gas industry). We continue to seek other opportunities to collaborate with application experts from within our selected markets.

Outsourcing of fabrication, deployment and service support. We outsource all fabrication, anchoring, mooring, cabling supply, and in most cases deployment of our PowerBuoy in order to minimize our capital requirements as we scale our business. Our PTO is a proprietary subsystem and is assembled and tested at our facility. We believe this distributed manufacturing and assembly approach enables us to focus on our core competencies to ensure a cost effective product by leveraging a larger more established supply base. We also continue to seek strategic partnerships with regard to servicing of our PB3 PowerBuoy.

PB3 cost reduction and PowerBuoy output product development. Our engineering efforts are focused on customer application development for PB3 sales, cost reduction of our PB3 PowerBuoy, and improving the energy output, reliability, maintenance interval, and expected operating life of our PowerBuoys. We continue to optimize manufacturability of our designs with a focus on cost competitiveness, and we believe that we will be able to address new and different applications by developing new products that increase energy output.

Market Opportunity

The National Oceanographic and Atmospheric Administration (“NOAA”) Ocean Enterprise Report for 2016 estimated that the annual market for what NOAA describes as the “Ocean Enterprise” is \$8.5 billion. The report addressed businesses involved in the for-profit and not-for-profit businesses that support ocean measurement, observation and forecasting. Among the market sectors included in the report are oil and gas, ocean observing and security and defense sectors. We believe that this report addresses only a segment of the potential market opportunities that we are targeting in general.

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Oil and Gas

We believe the offshore oil and gas industry is undergoing a significant transformation. In light of industry consolidation due to relatively low oil prices, the industry continues to invest in new technologies that enable cost savings as well as the digitization of operations. The industry encompasses more than 10,000 offshore sites, including exploration, production, reservoir management, and sites pending decommissioning based on information from the U.S. Bureau of Safety and Environmental Enforcement and industry organizations and publications. We believe that opportunities to implement one or more PB3 PowerBuoys exist at a large number of these sites to provide power in applications that are not currently possible, or to displace current power solutions.

Ocean Observing

Ocean observing provides environmental intelligence to the entire ocean enterprise, which supports ocean measurement, observation and forecasting, and is an important provider of information to maritime commerce and the entire “blue economy.” Maritime commerce and the scientific community depend on information from areas such as meteorology, climate change, ocean seismometry currents, and biological processes in order to inform operations and development. These groups often require a power and communications solution in remote offshore locations. According to NOAA’s 2016 Ocean Enterprise report, the total U.S. available ocean observing market from 2017 through 2021 for ocean based systems infrastructure is projected to be \$2.0 billion.

Security and Defense

We believe that our PB3 PowerBuoy is uniquely positioned to be used to provide power and communications for multiple applications within the security and defense market. The PB3’s ability to power multiple payloads may be an attractive feature for defense and security, as their systems can be easily integrated into other PowerBuoy applications allowing their operation to be concealed. An example application for domestic and international defense departments and defense contractors includes forward deployed energy and communications outposts (which is a current U.S. Department of Defense program), both above and below sea surface. Other example applications include early detection and warning systems, remote sensing stations, high frequency radar, sonar, electro-optical and infrared sensors for maritime security, network communications systems, and unmanned underwater vehicle docking stations. According to a 2014 Frost and Sullivan report, market expenditures for global security reached \$29.0 billion in 2012 and are projected to reach \$56.5 billion in 2022. Maritime security expenditures were approximately 45% of the global security market.

Communications

We believe that opportunities also exist in other markets such as communications. The addition of near shore and offshore cellular and Wi-Fi platforms with reliable and persistent power could open new market opportunities for telecommunications carriers by displacing a portion of the maritime satellite communications market, while potentially decreasing communications costs for the marine, offshore oil and gas, and airline industries. As an example, according to a 2015 Frost & Sullivan Oil & Gas Satellite Communications market report, the estimated 2020 annual spend on satellite communications in the oil and gas market is projected to be \$459 million. According to an industry research paper titled “Prospects for Maritime Satellite Communications”, in 2015 the global maritime satellite communications market has already reached close to 338,000 terminals, with \$1.7 billion in revenue at the satellite communications service provider level. The report also notes that the value of the maritime satellite communications market is expected to continue to grow over the next decade, with a 10-year compound annual growth rate of 5% in terminals and revenue, primarily due to the ever-increasing need for maritime data communications.

Implementation Strategy

We have made significant progress in redesigning and validating our commercial-ready PB3 PowerBuoy for use in remote offshore applications. Since 2015, we have brought the PB3 from initial concept to a full scale design. We have performed multiple prototype iterations. During this time, we have conducted a number of in-ocean tests in combination with our facility-based accelerated life testing in order to validate our commercial-ready PB3 PowerBuoy and to prepare for low rate initial production. Recently, we announced that we are relocating our corporate headquarters in the second half of calendar year 2017. We believe that this will allow us to expand our manufacturing capabilities and to move toward higher volume PowerBuoy production. Likewise, we have made progress in marketing our PB3 PowerBuoy, as evidenced by additional requests for proposals.

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Since 2015, we have had initial introductions or meetings with nearly 200 companies and organizations within our target markets. A large proportion of these engagements (approximately 75%) were U.S.-based, while the remaining engagements occurred in Europe, Australia, and parts of Asia including Japan. One-third of all engagements have transitioned from initial introductions to advanced, confidential discussions around specific customer applications. Many of these discussions occur at the executive, decision-making level, as well as the implementation level.

As previously noted, several of these customer application discussions have resulted in requests for proposals. Many proposal requests are for projects where our PB3 PowerBuoy is part of a larger solution demonstration, and typically include the potential lease or sale of one or more PB3 PowerBuoys, as well as required services and maintenance support. Demonstration projects are a necessary step toward broad solution deployment and revenues associated with specific applications and typically last from three months to more than one year. During the demonstration project specification, negotiation and evaluation period, we are often subject to the prospective customer's vendor qualification process, which entails substantial due diligence of our company and capabilities, and may include negotiation of standard terms and conditions. Many proposals contain provisions which would mandate the sale or lease of PB3 PowerBuoys upon successful conclusion of the demonstration project.

We believe this is an accurate depiction of the overall sales cycle for new technology in each of our target markets, including the PB3 PowerBuoy. However, cycle times for each step of the sales cycle will vary depending on several customer factors, including, but not limited to, technical evaluation, project priorities, funding approval process, and alignment of new technology integration with the customer's broader operational strategy. We believe that the resulting evidence of potential demand, vis-à-vis specific application proposal requests, is indicative of significant progress in our commercialization strategy over the prior two years. The figure below depicts our accomplishments to date, including the development of a commercial product through low rate initial production and the development of new markets through customer requests for proposals for application demonstration projects. We believe that we have the potential for growth as a result of our positioning for higher volume production of our PB3 PowerBuoys and the initial indications of demand for our PB3 PowerBuoy in multiple customer applications.

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Corporate Information

Our principal executive offices are currently located at 1590 Reed Road, Pennington, New Jersey 08534, though we are relocating our corporate headquarters in the second half of calendar year 2017 to 28 Engelhard Drive, Monroe Township, New Jersey. Our telephone number is (609) 730-0400. We were incorporated in New Jersey in 1984 and reincorporated in Delaware in 2007. We maintain a website at www.oceanpowertechnologies.com where general information about us is available. We are not incorporating the contents of the website into this prospectus supplement or the accompanying prospectus.

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Common stock
offered by us

Issue price \$ per share.

Common stock
outstanding
immediately after
this offering

Shares.

Use of proceeds	We estimate that our net proceeds from this offering will be approximately \$ million after deducting placement agent fees and the estimated offering expenses.
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We intend to use the net proceeds from this offering for expanding our sales and marketing through new hires and target market experts, increasing product manufacturing capabilities, and building additional PowerBuoys to meet potential market demand, and for other general corporate purposes. This may include additional development, testing and demonstrations of our PowerBuoy system with the goal of furthering and accelerating our commercialization efforts. However, we will retain broad discretion over how the net proceeds are used. For more, see “Use of Proceeds.”

Dividend policy We have not declared or paid any cash or other dividends on our common stock, and do not expect to declare or pay any cash or other dividends on our common stock in the foreseeable future.

Risk factors	You should consider carefully the risks discussed under the “Risk Factors” beginning on page S-9 of this prospectus supplement and page 2 of the accompanying prospectus, as well as those described in our Annual Report on Form 10-K for the year ended April 30, 2017, and our most recent Quarterly Report on Form 10-Q for the quarter ended July 31, 2017 and the other disclosures contained or incorporated by reference herein and therein.
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NASDAQ Capital
Market symbol OPTT

The number of shares of common stock to be outstanding after this offering is based on 12,524,441 shares outstanding as of October 18, 2017 and excludes (i) options outstanding as of that date representing the right to purchase a total of 127,418 shares of common stock at a weighted average exercise price of approximately \$15.80 per share, (ii) outstanding warrants to purchase up to 145,952 shares of our common stock which are exercisable at a price of \$6.08, and (iii) outstanding warrants to purchase up to 178,500 shares of our common stock which are exercisable at a price of \$9.36.

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RISK FACTORS

Investing in our common stock involves substantial risk. You should carefully consider the risk factors disclosed below as well as those contained in our most recent Annual Report on Form 10-K, which is incorporated by reference herein, as updated by our subsequent filings under the Securities Exchange Act of 1934, as amended (the “Exchange Act”) and the other information contained in this prospectus supplement and the accompanying prospectus before acquiring any of our common stock. These risks could have a material adverse effect on our business, results of operations or financial condition and cause the value of our common stock to decline. You could lose all or part of your investment.

This prospectus supplement and the accompanying prospectus also contain or incorporate by reference forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those anticipated in the forward-looking statements as a result of certain factors, including the risks faced by us described or incorporated by reference in this prospectus supplement and the accompanying prospectus. See “Cautionary Statement Regarding Forward-Looking Information.”

Risks Relating to Our Common Stock

We may issue or sell shares of our common stock or securities convertible or exchangeable for our common stock in the future and this may depress our stock price.

In this offering, we are selling an additional _____ shares of our common stock. As of October 18, 2017, there were 12,524,441 shares outstanding, excluding (i) options outstanding as of that date representing the right to purchase a total of 127,418 shares of common stock at a weighted average exercise price of approximately \$15.80 per share, (ii) outstanding warrants to purchase up to 145,952 shares of our common stock which are currently exercisable at a price of \$6.08, and (iii) outstanding warrants to purchase up to 178,500 shares of our common stock which are currently exercisable at a price of \$9.36.

Our stockholders may experience substantial dilution in the value of their investment or their ownership interest as a result of this offering or if we issue additional shares of our capital stock in the future.

Our certificate of incorporation, as amended, currently authorizes us to issue up to 50,000,000 shares of our common stock and to issue and designate the rights of, without stockholder approval, up to 5,000,000 shares of preferred stock. We are offering _____ shares of our common stock in this offering. In the future, in order to raise additional capital, we may offer additional shares of our common stock or other securities convertible into or exchangeable for our common stock at prices that may not be the same as the price per share paid by other investors, and dilution to our stockholders in the value of their investment and their ownership and voting interest in us could result. We may sell shares or other securities in any other offering at a price per share that is less than the price per share paid by existing investors, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock or securities convertible or exchangeable into common stock in future transactions may be higher or lower than the price per share paid by other investors.

In addition, we have a significant number of stock options and warrants outstanding. To the extent that outstanding stock options or warrants have been or may be exercised or other shares are issued, investors purchasing our common stock in this offering may experience further dilution. In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders or result in downward pressure on the price of our common stock.

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Management will have broad discretion as to the use of the proceeds from this offering, and we may not use the proceeds effectively.

Our management will have broad discretion as to the application of the net proceeds from this offering, and could spend the proceeds in ways that do not necessarily improve our operating results or enhance the value of our common stock.

We may issue debt and equity securities or securities convertible into equity securities, any of which may be senior to our common stock as to distributions and in liquidation, which could negatively affect the value of our common stock.

In the future, we may attempt to increase our capital resources by entering into debt or debt-like financing that is unsecured or secured by some or all of our assets, or by issuing additional debt or equity securities, which could include issuances of secured or unsecured commercial paper, medium-term notes, senior notes, subordinated notes, guarantees, preferred stock, hybrid securities, or securities convertible into or exchangeable for equity securities, any of which may rank senior to our common stock. In the event of our liquidation, our lenders and holders of our debt and preferred securities would receive distributions of our available assets before distributions to the holders of our common stock. Because our decision to incur debt and issue securities in future offerings may be influenced by market conditions and other factors beyond our control, we cannot predict or estimate the amount, timing or nature of our future offerings or debt financings. Further, market conditions could require us to accept less favorable terms for the issuance of our securities in the future.

As a smaller reporting company, we are subject to scaled disclosure requirements that may make it more challenging for investors to analyze our results of operations and financial prospects.

Currently, we are a “smaller reporting company,” meaning that our outstanding common stock held by non-affiliates had a market value of less than \$75 million as of October 31, 2016. As a “smaller reporting company,” we are able to provide simplified executive compensation disclosures in our filings; are exempt from the provisions of Section 404(b) of the Sarbanes-Oxley Act requiring that independent registered public accounting firms provide an attestation report on the effectiveness of internal control over financial reporting; and have certain other decreased disclosure obligations in our filings with the SEC, including being required to provide only two years of audited financial statements in annual reports. Consequently, it may be more challenging for investors to analyze our results of operations and financial prospects.

Furthermore, a material weakness in internal controls may remain undetected for a longer period because of our extended exemption from the auditor attestation requirements under Section 404(b) of the Sarbanes-Oxley Act.

Historically, our stock price has been volatile and this is likely to continue; purchasers of our common stock could incur substantial losses as a result.

Historically, the market price of our common stock has fluctuated significantly, and we expect that this will continue. Purchasers of our common stock could incur substantial losses relating to their investment in our stock as a result. For the twelve month period ending October 18, 2017, the 52-week high and low prices for our common stock were \$5.89 and \$1.14, respectively. Also, the stock market in general has recently experienced volatility that has often been unrelated or disproportionate to the operating performance of particular companies. These broad market fluctuations could result in fluctuations in the price of our common stock, which could cause purchasers of our common stock to incur substantial losses. The market price for our common stock may be influenced by many factors, including:

- developments in our business or with respect to our projects;
- the success of competitive products or technologies;
- regulatory developments in the United States and foreign countries;
- developments or disputes concerning patents or other proprietary rights;
- the recruitment or departure of key personnel;
- quarterly or annual variations in our financial results or those of companies that are perceived to be similar to us;
- market conditions in the conventional and renewable energy industries and issuance of new or changed securities analysts' reports or recommendations;

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the failure of securities analysts to cover our common stock or changes in financial estimates by analysts;
the inability to meet the financial estimates of analysts who follow our common stock;
investor perception of our company and of our targeted markets; and
general economic, political and market conditions.

We have never paid cash dividends on our common stock, and we do not anticipate paying any cash dividends in the foreseeable future.

We have not paid any cash dividends on our common stock to date. We currently intend to retain our future earnings, if any, to fund the development and growth of our business. In addition, the terms of any future debt agreements may preclude us from paying dividends. As a result, capital appreciation, if any, of our common stock will be the sole source of gain for our stockholders for the foreseeable future.

Provisions in our corporate charter documents and under Delaware law may delay or prevent attempts by our stockholders to change our management and hinder efforts to acquire a controlling interest in us.

As a result of our reincorporation in Delaware in April 2007, provisions of our certificate of incorporation and bylaws may discourage, delay or prevent a merger, acquisition or other change in control that stockholders may consider favorable, including transactions in which our stockholders might otherwise receive a premium for their shares. These provisions may also prevent or frustrate attempts by our stockholders to replace or remove our management. These provisions include:

advance notice requirements for stockholder proposals and nominations;
the inability of stockholders to act by written consent or to call special meetings; and
the ability of our Board of Directors to designate the terms of and issue new series of preferred stock without stockholder approval, which could be used to institute a “poison pill” that would work to dilute the stock ownership of a potential hostile acquirer, effectively preventing acquisitions that have not been approved by our Board of Directors.

The affirmative vote of the holders of at least 75% of our shares of capital stock entitled to vote is necessary to amend or repeal the above provisions of our certificate of incorporation. In addition, absent the approval of our Board of Directors, our bylaws may only be amended or repealed by the affirmative vote of the holders of at least 75% of our shares of capital stock entitled to vote.

In addition, Section 203 of the Delaware General Corporation Law prohibits a publicly held Delaware corporation from engaging in a business combination with an interested stockholder, which is generally a person who together with its affiliates owns or within the last three years has owned 15% of our voting stock, for a period of three years after the date of the transaction in which the person became an interested stockholder, unless the business combination is approved in a prescribed manner. Accordingly, Section 203 may discourage, delay or prevent a change in control of our company.

If securities or industry analysts fail to cover us, or do not publish research or publish unfavorable or inaccurate research about our business, our stock price and trading volume could decline.

The trading market for our common stock is influenced by the research and reports that industry or securities analysts may publish about us, our business or our industry from time to time. If one or more of these analysts cease coverage of us or fail to publish reports on us regularly, we could lose visibility in the financial markets, which in turn could cause the price or trading volume of our common stock to decline. Moreover, if one or more of the analysts who cover us downgrade our common stock or release a negative report, or if our operating results do not meet analyst expectations, the price of our common stock could decline.

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CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

The information discussed in this prospectus supplement and the accompanying prospectus, our filings with the SEC and our public releases include “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Exchange Act, the Private Securities Litigation Reform Act of 1995 (the “PSLRA”), or in releases made by the SEC. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of us and our subsidiaries to differ materially from any future results, performance or achievements expressed or implied by such forward-looking statements. Statements that are not historical fact are forward-looking statements. Forward-looking statements can be identified by, among other things, the use of forward-looking language, such as the words “plan,” “believe,” “expect,” “anticipate,” “intend,” “estimate,” “project,” “may,” “will,” “would,” “should,” “seeks,” or “scheduled to,” or other similar words, or the negative of these terms or other variations of these terms or comparable language, or by discussion of strategy or intentions. These cautionary statements are being made pursuant to the Securities Act, the Exchange Act and the PSLRA with the intention of obtaining the benefits of the “safe harbor” provisions of such laws.

The forward-looking statements contained in or incorporated by reference into this prospectus supplement and the accompanying prospectus are largely based on our expectations, which reflect estimates and assumptions made by our management. These estimates and assumptions reflect our best judgment based on currently known market conditions and other factors. Although we believe such estimates and assumptions to be reasonable, they are inherently uncertain and involve a number of risks and uncertainties that are beyond our control, including:

our ability to commercialize our PowerBuoys, and achieve and sustain profitability;

our continued development of our proprietary technologies, and expected continued use of cash from operating activities unless or until we achieve positive cash flow from the commercialization of our products and services;

our ability to obtain additional funding as and if needed which will be subject to a number of factors, including market conditions and our operating performance;

our estimates regarding expenses, future revenues and capital requirements;

the adequacy of our cash balances and our need for additional financings;

our ability to develop and manufacture a commercially viable PowerBuoy product;

that we will be successful in our efforts to commercialize our PowerBuoy or the timetable upon which commercialization can be achieved, if at all;

our ability to identify and penetrate markets for our PowerBuoys and our wave energy technology;

our ability to implement our commercialization strategy as planned, or at all;

our ability to maintain the listing of our common stock on the NASDAQ Capital Market;

the reliability of our technology and our PowerBuoys;

our ability to improve the power output, survivability and reliability of our PowerBuoys;

the impact of pending and threatened litigation on our business, financial condition and liquidity;

changes in current legislation, regulations and economic conditions that affect the demand for renewable energy;

our ability to compete effectively in our target markets;

our limited operating history and history of operating losses;

our sales and marketing capabilities and strategy in the United States and internationally; and

our ability to protect our intellectual property portfolio.

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Many of these factors are beyond our ability to control or predict. These factors are not intended to represent a complete list of the general or specific factors that may affect us.

In addition, management's assumptions about future events may prove to be inaccurate. All readers are cautioned that the forward-looking statements contained in this prospectus supplement and the accompanying prospectus in the documents incorporated by reference into this prospectus supplement and the accompanying prospectus are not guarantees of future performance, and we cannot assure any reader that such statements will be realized or that the forward-looking events and circumstances will occur. Actual results may differ materially from those anticipated or implied in the forward-looking statements due to factors described in "Risk Factors" included elsewhere in this prospectus supplement, the accompanying prospectus and in the documents that we include in or incorporate by reference into this prospectus supplement and the accompanying prospectus, including our Annual Report on Form 10-K for the fiscal year ended April 30, 2017, and our subsequent SEC filings. All forward-looking statements speak only as of the date they are made. We do not intend to update or revise any forward-looking statements as a result of new information, future events or otherwise, except as required by law. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf.

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USE OF PROCEEDS

The estimated net proceeds to be received by us from this offering are expected to be approximately \$ million after deducting placement agent fees and estimated offering expenses. We intend to use the net proceeds from this offering for expanding our sales and marketing through new hires and target market experts, increasing product manufacturing capabilities, and building additional PowerBuoys to meet potential market demand, and for other general corporate purposes. This may include additional development, testing and demonstrations of our PowerBuoy system with the goal of furthering and accelerating our commercialization efforts. The amounts and timing of these expenditures will depend on a number of factors, such as the timing, scope, progress and results of our research and development efforts, the timing and progress of any partnering efforts, and the regulatory and competitive environment. As of the date of this prospectus supplement, we have not determined the amount of net proceeds to be used specifically for any particular purpose or the timing of any expenditures. Accordingly, management will retain broad discretion and flexibility in applying the net proceeds from the sale of the securities. Pending any use of the net proceeds, we intend to invest the net proceeds in repurchase contracts or deposit them in checking accounts at financial institutions.

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The following table presents a summary of our cash and cash equivalents and capitalization as of July 31, 2017:

on an actual basis; and

on an as adjusted basis, giving further effect to the sale of shares of common stock in this offering at a price of \$ per share, after deducting placement agent fees and estimated offering expenses.

You should read the following table in conjunction with our historical financial statements and the related notes thereto incorporated by reference into this prospectus supplement and the accompanying prospectus.

	July 31, 2017	
	Actual	As Adjusted
	(unaudited)	
Cash and Cash Equivalents	\$11,413,863	\$
Debt		
Current portion of capital lease obligations	35,715	
Long-term portion of capital lease obligations	13,924	
Stockholders' Equity		
Common Stock (par value \$0.001 per share; 50,000,000 shares authorized); 12,551,124 shares outstanding (actual) and shares outstanding (as adjusted) ⁽¹⁾	12,622	
Treasury Stock, at cost (70,081 shares)	(295,252)	
Additional Paid-in Capital	200,548,977	
Accumulated Deficit	(190,043,449)	
Accumulated Other Comprehensive Loss	(137,667)	
Total Stockholders' Equity	10,085,231	
Total Capitalization	\$21,548,733	\$

(1) As of October 18, 2017, we had 12,524,441 shares of common stock issued and outstanding, which excludes (i) options outstanding as of that date representing the right to purchase a total of 127,418 shares of common stock at a weighted average exercise price of approximately \$ 15.80 per share, (ii) outstanding warrants to purchase up to 145,952 shares of our common stock which are currently exercisable at a price of \$6.08, and (iii) outstanding warrants to purchase up to 178,500 shares of our common stock which are currently exercisable at a price of \$9.36.

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DILUTION

If you invest in this offering, your ownership interest may be diluted to the extent of the difference between the public offering price per share and the as adjusted net tangible book value per share after giving effect to this offering. Our net tangible book value as of July 31, 2017, was approximately \$10,085,231, or approximately \$0.80 per share of common stock. Net tangible book value per share represents the amount of total tangible assets (total assets less intangible assets) less total liabilities, divided by the number of shares of our common stock outstanding as of July 31, 2017.

Dilution in net tangible book value per share represents the difference between the amount per share paid by purchasers in this offering and the net tangible book value per share of our common stock immediately after this offering. After giving effect to the sale of shares of our common stock in this offering at the public offering price of \$ per share, and after deduction of fees and estimated offering expenses payable by us, our as adjusted net tangible book value as of July 31, 2017 would have been approximately \$, or approximately \$ per share of common stock. This represents an immediate decrease in net tangible book value of \$ per share of common stock to our existing stockholders and an immediate decrease in net tangible book value of \$ per share of common stock to investors in this offering. The actual amounts above are based on 12,551,124 shares outstanding as of July 31, 2017 and do not reflect the exercise of outstanding options, because the effect of such exercise would be anti-dilutive.

Table of Contents**DIVIDEND POLICY AND COMMON STOCK PRICE RANGE****Dividend Policy**

We have never declared or paid any cash dividends on our common stock, and we do not currently anticipate declaring or paying cash dividends on our common stock in the foreseeable future. We currently intend to retain all of our future earnings, if any, to finance the growth and development of our business. Any future determination relating to our dividend policy will be made at the discretion of our Board and will depend on a number of factors, including future earnings, capital requirements, financial conditions, future prospects, contractual restrictions and covenants and other factors that our Board may deem relevant.

Price Range of Our Common Stock

Our common stock is listed on the NASDAQ Capital Market under the symbol “OPTT.” The following table sets forth, for the periods indicated, the range of high and low sales. The below prices retroactively apply our 1-for-10 reverse stock split that went into effect on October 27, 2015.

	Price Range	
	High	Low
Year Ending April 30, 2018		
Second Quarter (through October 18, 2017)	\$2.00	\$1.14
First Quarter	1.62	1.20
Year Ended April 30, 2017		
Fourth Quarter	3.67	1.33
Third Quarter	5.89	2.00
Second Quarter	10.48	2.29
First Quarter	15.65	1.37
Year Ended April 30, 2016		
Fourth Quarter	2.86	1.25
Third Quarter	3.68	0.95
Second Quarter	5.61	2.31
First Quarter	8.50	4.90

The reported last sales price for our common stock on the NASDAQ Capital Market on October 18, 2017 was \$2.00 per share. As of October 18, 2017, there were 12,524,441 shares of common stock outstanding, and our outstanding shares of common stock were held by approximately 153 stockholder accounts of record.

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DESCRIPTION OF COMMON STOCK

In this offering, we are offering shares of our common stock.

Authorized and Outstanding Capital Stock

The following description of our common stock and provisions of our certificate of incorporation and bylaws are summaries and are qualified by reference to our certificate of incorporation and bylaws, which have been incorporated by reference as exhibits to the registration statement of which this prospectus supplement forms a part.

Our authorized capital stock consists of 50,000,000 shares of common stock, par value \$0.001 per share, and 5,000,000 shares of preferred stock, par value \$0.001 per share, all of which are undesignated.

As of October 18, 2017, there were 12,524,441 shares of common stock issued and outstanding, and no shares of preferred stock were issued or outstanding. As of October 18, 2017, there also were outstanding warrants to purchase up to 145,952 shares of our common stock that became exercisable on December 8, 2016 at a price of \$6.08, warrants to purchase up to 178,500 shares of our common stock which are currently exercisable at a price of \$9.36, and options to purchase a total of 127,418 shares of common stock at a weighted average exercise price of approximately \$15.80 per share.

Description of Common Stock

Voting. Holders of common stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders and do not have cumulative voting rights. Accordingly, holders of a majority of the shares of common stock entitled to vote in any election of directors may elect all of the directors standing for election.

Dividends. Holders of common stock are entitled to receive proportionately any dividends that may be declared by our Board, subject to any preferential dividend rights of outstanding preferred stock.

Liquidation and Distribution. Upon our liquidation, dissolution or winding up, the holders of common stock are entitled to receive proportionately our net assets available after the payment of all debts and other liabilities and subject to the prior rights of any outstanding preferred stock. Holders of common stock have no preemptive, subscription, redemption or conversion rights. Our outstanding shares of common stock are, and the shares offered by us in this offering will be, when issued and paid for, fully paid and nonassessable. The rights, preferences and privileges of holders of common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of preferred stock that we may designate and issue in the future.

Anti-Takeover Effects of Delaware Law; Our Certificate of Incorporation and Our Bylaws

Delaware law, our certificate of incorporation and our bylaws contain provisions that could have the effect of delaying, deferring or discouraging another party from acquiring control of us. These provisions, which are summarized below, are intended to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our Board.

Removal of Directors

Our certificate of incorporation currently provides that directors may be removed only for cause and only by the affirmative vote of the holders of 75% of our shares of capital stock present in person or by proxy and entitled to vote. However, our Board approved an amendment to our bylaws that became effective on June 17, 2016, which permits our directors to be removed either for cause or without cause by our stockholders. At our annual meeting of stockholders for the year ended April 30, 2016 that was held on October 21, 2016 (the “2016 Annual Meeting”), we submitted a proposal to stockholders seeking stockholder approval to amend our certificate of incorporation to delete the reference to “for cause” in Section 6 of Article IX of the certificate of incorporation. This proposal to amend the certificate of incorporation did not receive the required affirmative vote of the holders of at least 75% of the outstanding shares of common stock entitled to vote at the meeting, so the proposal did not pass. However, we also submitted a proposal to stockholders at the 2016 Annual Meeting seeking approval to amend our certificate of incorporation to add a clause that specified that, to the fullest extent permitted by law, any provision in the Certificate of Incorporation that is contrary to a requirement of the Delaware General Corporate Law (the “DGCL”) shall be read in conformity with the applicable requirement of the DGCL. This second proposal only required the affirmative vote of the holders of a majority of the outstanding shares of common stock entitled to vote at the 2016 Annual Meeting, and it passed.

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The Board takes the position that under current Delaware law, the “only for cause” provision in the certificate of incorporation regarding removal of the company’s directors is not enforceable, and is therefore not in conformity with the applicable requirement of the DGCL. Accordingly, we will comply with the provisions of our bylaws, as amended and as described above, relating to director removal and will not seek to enforce that provision of our certificate of incorporation relating to stockholder removal of directors only for cause, as presently in effect. Under our certificate of incorporation and bylaws, any vacancy on the Board, including a vacancy resulting from an enlargement of the Board, may be filled only by vote of a majority of our directors then in office.

The limitations on the ability of our stockholders to remove directors and fill vacancies could make it more difficult for a third party to acquire, or discourage a third party from seeking to acquire, control of us.

Stockholder Action by Written Consent; Special Meetings

Our certificate of incorporation provides that any action required or permitted to be taken by our stockholders must be effected at a duly called annual or special meeting of such holders and may not be effected by any consent in writing by such holders. Our certificate of incorporation and our bylaws also provide that, except as otherwise required by law, special meetings of our stockholders can only be called by our chairman of the board, our chief executive officer, our president or the Board.

Advance Notice Requirements for Stockholder Proposals

Our bylaws establish an advance notice procedure for stockholder proposals to be brought before an annual meeting of stockholders, including proposed nominations of persons for election to the Board. Stockholders at an annual meeting may only consider proposals or nominations specified in the notice of meeting or brought before the meeting by or at the direction of the Board or by a stockholder of record on the record date for the meeting, that is entitled to vote at the meeting and that has delivered to our secretary a timely written notice in proper form of the stockholder’s intention to bring such business before the meeting. These provisions could have the effect of delaying until the next stockholder meeting stockholder actions that are favored by the holders of a majority of our outstanding voting securities.

Delaware Business Combination Statute

We are subject to Section 203 of the Delaware General Corporation Law. Subject to certain exceptions, Section 203 prevents a publicly held Delaware corporation from engaging in a “business combination” with any “interested stockholder” for three years following the date that the person became an interested stockholder, unless the interested stockholder attained such status with the approval of our Board or unless the business combination is approved in a prescribed manner. A “business combination” includes, among other things, a merger or consolidation involving us and the “interested stockholder” and the sale of more than 10% of our assets. In general, an “interested stockholder” is any entity or person beneficially owning 15% or more of our outstanding voting stock and any entity or person affiliated with or controlling or controlled by such entity or person.

Amendment of Certificate of Incorporation and Bylaws

The Delaware General Corporation Law provides generally that the affirmative vote of a majority of the shares entitled to vote on any matter is required to amend a corporation’s certificate of incorporation or bylaws, unless a corporation’s certificate of incorporation or bylaws, as the case may be, requires a greater percentage. Our bylaws may be amended or repealed by a majority vote of our Board or the affirmative vote of the holders of at least 75% of the voting power of our capital stock issued and outstanding and entitled to vote on the matter.

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Limitation of Liability and Indemnification of Officers and Directors

Our certificate of incorporation limits the personal liability of directors for breach of fiduciary duty to the maximum extent permitted by the Delaware General Corporation Law. Our certificate of incorporation provides that no director will have personal liability to us or to our stockholders for monetary damages for breach of fiduciary duty or other duty as a director. However, these provisions do not eliminate or limit the liability of any of our directors:

for any breach of their duty of loyalty to us or our stockholders;

for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;

for voting or assenting to unlawful payments of dividends or other distributions; or

for any transaction from which the director derived an improper personal benefit.

Any amendment to or repeal of these provisions will not eliminate or reduce the effect of these provisions in respect of any act or failure to act, or any cause of action, suit or claim that would accrue or arise prior to any amendment or repeal or adoption of an inconsistent provision. If the Delaware General Corporation Law is amended to provide for further limitations on the personal liability of directors of corporations, then the personal liability of our directors will be further limited to the greatest extent permitted by the Delaware General Corporation Law.

In addition, our certificate of incorporation provides that we must indemnify our directors and officers and we must advance expenses, including attorneys' fees, to our directors and officers in connection with legal proceedings, subject to limited exceptions.

Notice of Share Ownership

Our bylaws contain a provision requiring any beneficial owner of three percent or more of our outstanding common stock to notify us of his or her stockholdings, as well as of any change in his or her beneficial ownership of one percent or more of our outstanding common stock. Our bylaws do not provide for any specific remedy in the event a stockholder does not comply with this provision. We do not intend to make any such information public, unless required by law or the rules of the SEC or the NASDAQ Capital Market.

Authorized but Unissued Shares

Our authorized but unissued shares of common stock and preferred stock are available for future issuance without stockholder approval, subject to any limitations imposed by the listing standards of the NASDAQ Capital Market. These additional shares may be used for a variety of corporate finance transactions, acquisitions and employee benefit plans. The existence of authorized but unissued and unreserved common stock and preferred stock could make it more difficult or discourage an attempt to obtain control of us by means of a proxy contest, tender offer, merger or otherwise.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A. Its address is 250 Royall Street, Canton, MA 02021-1011, and its telephone number is 1-800-662-7232.

Our common stock is listed on the NASDAQ Capital Market under the symbol “OPTT.”

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PLAN OF DISTRIBUTION

Placement Agency Agreement

Pursuant to a Placement Agency Agreement by and between us and Aegis Capital Corp. (the “Placement Agent”), the Placement Agent has agreed to act as our exclusive placement agent in this offering. The Placement Agent is not purchasing or selling any of the shares of common stock, nor is it required to arrange for the purchase and sale of any specific number or dollar amount of the shares, but has agreed to use its “best efforts” to arrange for the sale of the shares offered by us. Therefore, we may not sell the entire amount of the shares being offered. In determining the offering price for the shares of common stock that each purchaser of our common stock would receive, the Company, based upon its discussions with the Placement Agent, considered a number of factors including, but not limited to, the current market price of our common stock, trading prices of our common stock over a period of time, the amount of liquidity and volatility of our common stock and current economic and market conditions. The Placement Agency Agreement provides that the obligations of the Placement Agent are subject to certain conditions precedent, including, among other things, the absence of any material adverse change in our business and the receipt of certain opinions, letters and certificates from us or our counsel. In connection with this offering, the Placement Agent may retain sub-agents and selected dealers. The foregoing does not purport to be a complete statement of the terms and conditions of the Placement Agency Agreement. A copy of the Placement Agency Agreement is included as an exhibit to our current report on Form 8-K that will be filed with the SEC and incorporated by reference into the registration statement of which this prospectus supplement forms a part.

We currently anticipate that the closing of this offering will occur on or about October 23, 2017. On the closing date, the following will occur:

we will receive funds in the amount of the aggregate purchase price;

the Placement Agent will receive the placement agent fees in accordance with the terms of the Placement Agency Agreement; and

the shares of our common stock purchased by investors in this offering will be issued to DTC in street name and credited to each investors account at each such investors brokerage firm.

Fees and Expenses

We have agreed to pay the Placement Agent a cash fee equal to 6.5% of the gross proceeds of this offering. We have also agreed to reimburse the Placement Agent for fees and expenses of its counsel up to \$60,000, which will be payable at the closing of the offering.

The following table shows the per share and total Placement Agent's commissions we will pay to the Placement Agent in connection with the sale of the shares offered pursuant to this prospectus supplement assuming the purchase of the \$ million maximum amount of shares of common stock in this offering:

Placement Agent's fees per share of common stock	\$
Placement Agent's aggregate fees	\$
Maximum offering amount	\$

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Because there is no minimum offering amount required as a condition to the closing in this offering, the actual total offering commissions, if any, are not presently determinable and may be substantially less than the maximum amount set forth above.

We have agreed to indemnify the Placement Agent against certain liabilities, including liabilities under the Securities Act, as amended. We may also be required to contribute to payments the placement agent may be required to make in respect of such liabilities.

The Placement Agent is an underwriter within the meaning of Section 2(a)(11) of the Securities Act and any commissions received by it and any profit realized on the sale of the securities by them while acting as principal may be deemed to be underwriting discounts or commissions under the Securities Act. The Placement Agent is required to comply with the requirements of the Securities Act, as amended, and the Exchange Act, including, without limitation, Rule 10b-5 and Regulation M under the Exchange Act. These rules and regulations may limit the timing of purchases and sales of shares of common stock to purchase shares of common stock by the Placement Agent. Under these rules and regulations, the Placement Agent may not (i) engage in any stabilization activity in connection with our securities; or (ii) bid for or purchase any of our securities or attempt to induce any person to purchase any of our securities, other than as permitted under the Exchange Act, until it has completed its participation in the distribution.

All of our executive officers, and directors who are up for reelection at our 2017 annual meeting of stockholders on October 20, 2017, will enter into lock-up agreements that prevent them from selling any shares of our common stock or any securities convertible into or exercisable or exchangeable for shares of our common stock for a period of 90 days from the date of this prospectus supplement without the prior written consent of the Placement Agent.

Electronic Offer, Sale and Distribution of Shares

A prospectus in electronic format may be made available on the websites maintained by the Placement Agent and the Placement Agent may distribute prospectuses electronically. In those cases, prospective investors may view offering terms and a prospectus online and place orders online or through their financial advisors. Other than the prospectus in electronic format, the information on these websites is not part of this prospectus supplement, the accompanying base prospectus or the registration statement of which this prospectus supplement and the accompanying base prospectus forms a part, has not been approved or endorsed by us or the Placement Agent, and should not be relied upon by investors.

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Other Relationships with the Placement Agent

From time to time in the ordinary course of business, the Placement Agent and its respective affiliates may in the future perform various commercial banking financial advisory, investment banking and other financial services for us for which it will receive customary fees and reimbursement of expenses. Except for services provided in connection with this offering, and except as set forth in this paragraph, the Placement Agent has not provided any investment banking or other financial services during the 180-day period preceding the date of this prospectus supplement and we do not expect to retain the Placement Agent to perform any investment banking or other financial services for at least 90 days after the date of this prospectus supplement. Aegis Capital Corp. acted as the sole underwriter in a public offering of 6,192,750 shares of our common stock (including exercise, in full, of the over-allotment option by Aegis Capital Corp.) which closed on May 2, 2017 (the “Prior Offering”), with aggregate net proceeds to us of approximately \$7,487,035 (before expenses). In connection with the Prior Offering, Aegis Capital Corp., as underwriter, received a 6% underwriting discount, for \$483,035, a 1% non-accountable expense allowance, for \$80,505, \$75,000 of fees and disbursements of their counsel, and \$25,000 of accountable out-of-pocket expense.

Offer Restrictions Outside the United States

Other than in the United States, no action has been taken by us or the Placement Agent that would permit a public offering of the securities offered by this prospectus supplement in any jurisdiction where action for that purpose is required. The shares of our common stock offered in this offering may not be offered or sold, directly or indirectly, nor may this prospectus supplement or any other offering material or advertisements in connection with the offer and sale of any such securities be distributed or published in any jurisdiction, except under circumstances that will result in compliance with the applicable rules and regulations of that jurisdiction. Persons into whose possession this prospectus supplement comes are advised to inform themselves about and to observe any restrictions relating to this offering and the distribution of this prospectus supplement. This prospectus supplement does not constitute an offer to sell or a solicitation of an offer to buy any shares of our common stock offered in this offering in any jurisdiction in which such an offer or a solicitation is unlawful.

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LEGAL MATTERS

Certain legal matters in connection with the securities offered hereby will be passed on for us by Porter Hedges LLP, Houston, Texas. Certain legal matters with respect to this offering will be passed upon for the Placement Agent by Kelley Drye & Warren LLP, New York, New York.

EXPERTS

The consolidated financial statements of Ocean Power Technologies, Inc. and subsidiaries as of April 30, 2017 and 2016, and for each of the years in the two-year period ended April 30, 2017, have been incorporated by reference herein to the Annual Reports on Form 10-K for the years ended April 30, 2017 and 2016, in reliance upon the reports of KPMG LLP, independent registered public accounting firm, which are incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

The audit report covering the April 30, 2017 consolidated financial statements contains an explanatory paragraph that states that our cash balance, recurring losses from operations, and accumulated deficit raise substantial doubt about our ability to continue as a going concern. Our consolidated financial statements do not include any adjustments that might result from the outcome of that uncertainty.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. These documents contain specific information regarding us. These documents, including exhibits and schedules thereto, may be inspected without charge at the SEC's principal office in Washington, D.C., and copies of all or any part thereof may be obtained from the Public Reference Section of the SEC, 100 F Street, N.E., Washington, D.C. 20549. Information on the operation of the Public Reference Section may be obtained by calling the SEC at 1-800-SEC-0330. The SEC also maintains a website which provides online access to reports, proxy and information statements and other information regarding registrants that file electronically with the SEC at the address <http://www.sec.gov>.

Our common stock is listed on the NASDAQ Market under the ticker symbol "OPTT." Our SEC filings are also available (free of charge) from our web site at www.oceanpowertechnologies.com, including our annual reports on Form 10-K, quarterly reports on Form 10-Q, and current reports on Form 8-K and any amendments to those reports. Information contained on our website or any other website is not incorporated by reference into this prospectus supplement or the accompanying prospectus and does not constitute a part of this prospectus supplement or the

accompanying prospectus.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The following documents, which have previously been filed by us with the SEC under the Exchange Act, are incorporated herein by reference:

our Annual Report on Form 10-K for the fiscal year ended April 30, 2017, filed with the SEC on July 14, 2017 (File No. 001-33417);

our Quarterly Report on Form 10-Q for the quarter ended July 31, 2017, filed with the SEC on September 7, 2017 (File No. 001-33417);

our Definitive Proxy Statement on Schedule 14A, filed with the SEC on August 25, 2017 (File No. 001-33417);

the description of our common stock set forth in our registration statement on Form 8-A filed on April 18, 2007 (File No. 001-33417) and in any and all subsequent amendments and reports filed for the purpose of updating that description; and

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our Current Reports on Form 8-K, filed with the SEC on May 2, 2017, June 12, 2017, July 14, 2017, July 25, 2017, July 31, 2017, August 28, 2017 and September 8, 2017 (File No. 001-33417) (excluding any information furnished pursuant to Item 2.02 or Item 7.01 of any such Current Report on Form 8-K).

All documents filed by us pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (excluding any information furnished pursuant to Item 2.02 or Item 7.01 on any current report on Form 8-K and any corresponding information furnished under Item 9.01 or included as an exhibit) after the date of the initial registration statement of which this prospectus supplement forms a part and until the offering of all of the securities by this prospectus supplement is completed, including all filings made after the date of this prospectus supplement, shall be deemed to be incorporated in this prospectus supplement by reference and to be a part hereof from the date of filing of such documents. Any statement contained herein, or in a document incorporated or deemed to be incorporated by reference herein, shall be deemed to be modified or superseded for purposes of this prospectus supplement and the accompanying prospectus to the extent that a statement contained herein or in any subsequently filed document which also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement and the accompanying prospectus.

You may request a free copy of these filings, other than any exhibits, unless the exhibits are specifically incorporated by reference into this prospectus supplement and the accompanying prospectus, by writing or telephoning us at the following address:

Ocean Power Technologies, Inc.
1590 Reed Road
Pennington, New Jersey 08534
Attention: Chief Financial Officer
(609) 730-0400

**DISCLOSURE OF SEC'S POSITION ON
INDEMNIFICATION FOR SECURITIES ACT LIABILITY**

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling us pursuant to the foregoing provisions, we have been informed that in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

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PROSPECTUS

\$15,000,000

Common Stock
Preferred Stock
Debt Securities
Warrants
Rights
Units

Ocean Power Technologies, Inc. from time to time may offer, issue and sell, together or separately, (i) shares of common stock; (ii) shares of preferred stock; (iii) debt securities, which may be senior debt securities, senior subordinated debt securities or subordinated debt securities; (iv) warrants to purchase common stock, preferred stock or other securities; (v) rights to purchase common stock, preferred stock or other securities; and (vi) units consisting of two or more classes of the securities registered hereunder.

This prospectus contains a general description of the securities we may offer. Each time we issue the securities we will provide a prospectus supplement containing specific information about the terms of that issuance, which also may add, update or change information contained in this prospectus. You should read carefully this prospectus and any applicable supplements before deciding to invest.

The aggregate of the offering prices of the securities covered by this prospectus will not exceed \$15,000,000.

Our common stock is listed on The NASDAQ Capital Market under the symbol "OPTT." We expect that any common stock sold pursuant to a prospectus supplement will be listed on such exchange, subject to official notice of issuance. Any prospectus supplement will contain information, where applicable, as to any other listing on The NASDAQ Capital Market or any other securities exchange of the other securities covered by the prospectus supplement. On October 27, 2015, we filed a Certificate of Amendment to our Certificate of Incorporation to effect a one-for-10 reverse stock split of our common stock and to decrease our authorized shares of common stock to 50 million shares. All share and per share data included in this Prospectus Supplement has been retroactively restated to reflect the

reverse stock split.

As of April 13, 2016, the aggregate market value of our common stock held by non-affiliates was \$5,151,359, based on an aggregate of 1,964,754 shares outstanding, of which 1,907,911 were held by non-affiliates, and the closing price of the common stock on The Nasdaq Capital Market of \$2.70 per share on March 10, 2016. During the twelve calendar months preceding the date of this prospectus, we sold \$294,053 in value of securities in reliance on General Instruction I.B.6 of Form S-3.

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The securities may be sold directly to investors, through agents designated from time to time or to or through underwriters or dealers. See “Plan of Distribution” on page 28 of this prospectus. If any agents or underwriters are involved in the sale of any securities in respect of which this prospectus is being delivered, the names of such agents or underwriters and any applicable commissions or discounts will be set forth in the applicable prospectus supplement. The net proceeds we expect to receive from such sale also will be set forth in the applicable prospectus supplement.

This prospectus may not be used to offer or sell any securities unless accompanied by a prospectus supplement.

Consider carefully the Risk Factors on page 2, in any accompanying prospectus supplement, and in the reports we file with the Securities and Exchange Commission that are incorporated by reference into this prospectus before deciding to invest in any of these securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus or any accompanying prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is April 26, 2016.

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ABOUT THIS PROSPECTUS

Unless the context otherwise requires, we use the terms “Company,” “we,” “us,” and “our” to refer to Ocean Power Technologies, Inc. or to Ocean Power Technologies, Inc. and its subsidiaries.

This prospectus is part of a registration statement that we have filed with the Securities and Exchange Commission, or SEC, using a “shelf” registration. Under this shelf registration, we may sell any combination of the securities described in this prospectus in one or more offerings up to an aggregate initial offering price of \$15,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we sell the securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus.

For general information about the distribution of securities offered, please see “Plan of Distribution” on page 28 of this prospectus. You should read both this prospectus and any prospectus supplement, together with the additional information described in “Where You Can Find More Information” and “Incorporation of Certain Information by Reference,” before you decide whether to invest in any of the securities.

You should rely only on the information contained in, or incorporated by reference into, this prospectus and any applicable prospectus supplement. You may obtain the information incorporated by reference into this prospectus without charge by following the instructions under “Where You Can Find More Information” and “Incorporation of Certain Information by Reference” below. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities or soliciting an offer to buy the securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus is accurate only as of the date of this prospectus. Our business, financial condition, results of operations and prospects may have changed since that date.

This prospectus summarizes certain documents and other information, and we refer you to them for a more complete understanding of what we discuss in this prospectus. In making an investment decision, you must rely on your own examination of our Company and the terms of this offering and the securities, including the merits and risks involved.

We are not making any representation to any purchaser of the securities regarding the legality of an investment in the securities by such purchaser. You should not consider any information in this prospectus to be legal, business or tax advice. You should consult your own attorney, business advisor or tax advisor for legal, business and tax advice regarding an investment in the securities.

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CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION

In addition to historical information, this prospectus supplement and the accompanying base prospectus, including the information incorporated by reference into this prospectus supplement and the accompanying base prospectus, contain statements relating to future events or our future financial position, business strategy, pending, threatened and current litigation, liquidity, budgets, projected costs, plans and objectives of management for future operations. These statements are forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995. Generally, words such as “may,” “will,” “should,” “could,” “would,” “anticipate,” “expect,” “intend,” “estimate,” “plan,” “project,” “continue,” “goal” and “believe,” or other variations on these and other similar expressions identify forward-looking statements. Forward-looking statements are only predictions and, as such, are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. Forward-looking statements are based upon our assumptions as to future events or our future financial performance that may not prove to be accurate. These statements speak only as of the date they were made, and we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this report may not occur as contemplated, and actual results could differ materially from those anticipated or implied by the forward-looking statements. The forward-looking statements, as well as our prospects as a whole, are subject to risks and uncertainties, including the following:

- our estimates regarding expenses, future revenues and capital requirements;
- the adequacy of our cash balances and our need for additional financings;
 - our ability to develop and manufacture a commercially viable PowerBuoy product;
 - that we will be successful in our efforts to commercialize our PowerBuoy or the timetable upon which commercialization can be achieved, if at all;
- our ability to identify and penetrate markets for our PowerBuoys and our wave energy technology;
- our ability to implement our commercialization strategy as planned, or at all;
- our ability to maintain the listing of our common stock on The NASDAQ Capital Market;
- the reliability of our technology and our PowerBuoys;
- our ability to improve the power output, survivability and reliability of our PowerBuoys;
- the impact of pending and threatened litigation on our business, financial condition and liquidity;
- changes in current legislation, regulations and economic conditions that affect the demand for renewable energy;
- our ability to compete effectively in the renewable energy market;
- our limited operating history and history of operating losses;
- our sales and marketing capabilities and strategy in the United States and internationally; and
- our ability to protect our intellectual property portfolio.

For more information regarding these risks and uncertainties as well as certain additional risks that we face, investors should review the risks described in this prospectus supplement and the accompanying base prospectus and those incorporated by reference into this prospectus supplement and the accompanying base prospectus, including those risks contained in our most recent Annual Report on Form 10-K and our subsequent Quarterly Reports on Form 10-Q, as updated by our subsequent filings under the Securities Exchange Act of 1934, as amended, or the Exchange Act. We caution you not to place undue reliance on these forward-looking statements, which are current only as of the date

on which we filed this prospectus.

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OCEAN POWER TECHNOLOGIES, INC.

We are developing and seeking to commercialize proprietary systems that generate electricity by harnessing the renewable energy of ocean waves. Our PowerBuoy® systems use proprietary technologies to convert the mechanical energy created by the rising and falling of ocean waves into electricity. We currently continue to develop our PowerBuoy line, which consists of our autonomous PowerBuoy system. Since fiscal 2002, the U.S. Navy and other government agencies have accounted for a significant portion of our revenues. These revenues were largely for the support of our product development efforts. Our goal, over time, is that an increased portion of our revenues be from the sale of products and services, as compared to revenue to support our product development efforts. As we continue to advance our proprietary technologies and develop our products, we expect to have a net use of cash from operating activities unless and until we achieve positive cash flow from the planned commercialization of our products and services.

Our principal executive offices are located at 1590 Reed Road, Pennington, New Jersey 08534, and our telephone number is (609) 730-0400. The Company was incorporated in New Jersey in 1984 and reincorporated in Delaware in 2007. We maintain a website at www.oceanpowertechnologies.com where general information about us is available. We are not incorporating the contents of the website into this prospectus supplement or the accompanying base prospectus.

RISK FACTORS

Investing in our securities involves substantial risk. You should carefully consider the risk factors contained in our most recent Annual Report on Form 10-K and our subsequent Quarterly Reports on Form 10-Q, which are incorporated by reference herein, and the other information contained in this prospectus, as updated by our subsequent filings under the Securities Exchange Act of 1934, and the risk factors and other information contained in the applicable prospectus supplement before acquiring any of such securities. These risks could have a material adverse effect on our business, results of operations or financial condition and cause the value of our securities to decline. You could lose all or part of your investment.

This prospectus and any prospectus supplement also contain or incorporate by reference forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those anticipated in the forward-looking statements as a result of certain factors, including the risk factors faced by us described or incorporated by reference in this prospectus or any prospectus supplement. See “Cautionary Statement Regarding Forward-Looking Information.”

USE OF PROCEEDS

We do not currently know the number or types of securities that ultimately will be sold pursuant to this prospectus or the prices at which such securities will be sold. Unless otherwise specified in a prospectus supplement accompanying this prospectus, we intend to use the net proceeds of any sale of securities under this prospectus for any combination of working capital, capital expenditures, and general business purposes, including additional development and deployments of our PowerBuoy systems. Until we use the net proceeds in the manner described above, we may temporarily use them to make short-term investments.

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GENERAL DESCRIPTION OF THE OFFERED SECURITIES

We may from time to time offer under this prospectus, separately or together:

common stock;

preferred stock;

senior, senior subordinated or subordinated debt securities;

warrants to purchase from us shares of our common stock, preferred stock or other securities;

rights to purchase from us shares of our common stock, preferred stock or other securities; and

units, each representing a combination of two or more of the foregoing securities.

The aggregate of the offering prices of the securities covered by this prospectus will not exceed \$15,000,000.

DESCRIPTION OF OUR CAPITAL STOCK

The following is a general description of our capital stock. The terms of our certificate of incorporation and bylaws are more detailed than the general information provided below. You should read our certificate of incorporation and bylaws, which are incorporated by reference as exhibits to the registration statement of which this prospectus forms a part.

Authorized and Outstanding Capital Stock

The following description of our capital stock and provisions of our certificate of incorporation and bylaws are summaries and are qualified by reference to our certificate of incorporation and bylaws, which have been incorporated by reference as exhibits to the registration statement of which this prospectus forms a part.

Our authorized capital stock consists of 50,000,000 shares of common stock, par value \$0.001 per share, and 5,000,000 shares of preferred stock, par value \$0.001 per share, all of which are undesignated.

As of January 31, 2016, there were 1,924,234 shares of common stock issued and outstanding, and no shares of preferred stock were issued or outstanding.

Common Stock

Holders of common stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders and do not have cumulative voting rights. Accordingly, holders of a majority of the shares of common stock entitled to vote in any election of directors may elect all of the directors standing for election. Holders of common stock are entitled to receive proportionately any dividends as may be declared by our board of directors, subject to any preferential dividend rights of outstanding preferred stock. Upon our liquidation, dissolution or winding up, the holders of common stock are entitled to receive proportionately our net assets available after the payment of all debts and other liabilities and subject to the prior rights of any outstanding preferred stock. Holders of common stock have no preemptive, subscription, redemption or conversion rights. Our outstanding shares of common stock are, and the shares offered by us in this offering will be, when issued and paid for, fully paid and nonassessable. The rights, preferences and privileges of holders of common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of preferred stock that we may designate and issue in the future.

Preferred Stock

Under the terms of our certificate of incorporation, our board of directors is authorized to issue shares of preferred stock in one or more series without stockholder approval. Our board of directors has the discretion to determine the rights, preferences, privileges and restrictions, including voting rights, dividend rights, conversion rights, redemption privileges and liquidation preferences, of each series of preferred stock.

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Authorizing our board of directors to issue preferred stock and determine its rights and preferences has the effect of eliminating delays associated with a stockholder vote on specific issuances. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions, future financings and other corporate purposes, could have the effect of making it more difficult for a third party to acquire, or could discourage a third party from seeking to acquire, a majority of our outstanding common stock.

Anti-Takeover Effects of Delaware Law; Our Certificate of Incorporation and Our Bylaws

Delaware law, our certificate of incorporation and our bylaws contain provisions that could have the effect of delaying, deferring or discouraging another party from acquiring control of us. These provisions, which are summarized below, are intended to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our board of directors.

Removal of Directors

Our certificate of incorporation and our bylaws provide that directors may be removed only for cause and only by the affirmative vote of the holders of 75% of our shares of capital stock present in person or by proxy and entitled to vote. Under our certificate of incorporation and bylaws, any vacancy on our board of directors, including a vacancy resulting from an enlargement of our board of directors, may be filled only by vote of a majority of our directors then in office.

The limitations on the ability of our stockholders to remove directors and fill vacancies could make it more difficult for a third party to acquire, or discourage a third party from seeking to acquire, control of us.

Stockholder Action by Written Consent; Special Meetings

Our certificate of incorporation provides that any action required or permitted to be taken by our stockholders must be effected at a duly called annual or special meeting of such holders and may not be effected by any consent in writing by such holders. Our certificate of incorporation and our bylaws also provide that, except as otherwise required by law, special meetings of our stockholders can only be called by our chairman of the board, our chief executive officer, our president or our board of directors.

Advance Notice Requirements for Stockholder Proposals

Our bylaws establish an advance notice procedure for stockholder proposals to be brought before an annual meeting of stockholders, including proposed nominations of persons for election to the board of directors. Stockholders at an annual meeting may only consider proposals or nominations specified in the notice of meeting or brought before the meeting by or at the direction of the board of directors or by a stockholder of record on the record date for the meeting, who is entitled to vote at the meeting and who has delivered to our secretary a timely written notice in proper form of the stockholder's intention to bring such business before the meeting. These provisions could have the effect of delaying until the next stockholder meeting stockholder actions that are favored by the holders of a majority of our outstanding voting securities.

Delaware Business Combination Statute

We are subject to Section 203 of the Delaware General Corporation Law. Subject to certain exceptions, Section 203 prevents a publicly held Delaware corporation from engaging in a "business combination" with any "interested stockholder" for three years following the date that the person became an interested stockholder, unless the interested stockholder attained such status with the approval of our board of directors or unless the business combination is approved in a prescribed manner. A "business combination" includes, among other things, a merger or consolidation involving us and the "interested stockholder" and the sale of more than 10% of our assets. In general, an "interested stockholder" is any entity or person beneficially owning 15% or more of our outstanding voting stock and any entity or person affiliated with or controlling or controlled by such entity or person.

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Amendment of Certificate of Incorporation and Bylaws

The Delaware General Corporation Law provides generally that the affirmative vote of a majority of the shares entitled to vote on any matter is required to amend a corporation's certificate of incorporation or bylaws, unless a corporation's certificate of incorporation or bylaws, as the case may be, requires a greater percentage. Our bylaws may be amended or repealed by a majority vote of our board of directors or the affirmative vote of the holders of at least 75% of the voting power of our capital stock issued and outstanding and entitled to vote on the matter.

Limitation of Liability and Indemnification of Officers and Directors

Our certificate of incorporation limits the personal liability of directors for breach of fiduciary duty to the maximum extent permitted by the Delaware General Corporation Law. Our certificate of incorporation provides that no director will have personal liability to us or to our stockholders for monetary damages for breach of fiduciary duty or other duty as a director. However, these provisions do not eliminate or limit the liability of any of our directors:

for any breach of their duty of loyalty to us or our stockholders;

for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;

for voting or assenting to unlawful payments of dividends or other distributions; or

for any transaction from which the director derived an improper personal benefit.

Any amendment to or repeal of these provisions will not eliminate or reduce the effect of these provisions in respect of any act or failure to act, or any cause of action, suit or claim that would accrue or arise prior to any amendment or repeal or adoption of an inconsistent provision. If the Delaware General Corporation Law is amended to provide for further limitations on the personal liability of directors of corporations, then the personal liability of our directors will be further limited to the greatest extent permitted by the Delaware General Corporation Law.

In addition, our certificate of incorporation provides that we must indemnify our directors and officers and we must advance expenses, including attorneys' fees, to our directors and officers in connection with legal proceedings, subject to limited exceptions.

Notice of Share Ownership

Our bylaws contain a provision requiring any beneficial owner of three percent or more of our outstanding common stock to notify us of his or her shareholdings, as well as of any change in his or her beneficial ownership of one percent or more of our outstanding common stock. Our bylaws do not provide for any specific remedy in the event a stockholder does not comply with this provision. We do not intend to make any such information public, unless required by law or the rules of the SEC or The NASDAQ Capital Market.

Authorized But Unissued Shares

The authorized but unissued shares of common stock and preferred stock are available for future issuance without stockholder approval, subject to any limitations imposed by the listing standards of The NASDAQ Capital Market. These additional shares may be used for a variety of corporate finance transactions, acquisitions and employee benefit plans. The existence of authorized but unissued and unreserved common stock and preferred stock could make it more difficult or discourage an attempt to obtain control of us by means of a proxy contest, tender offer, merger or otherwise.

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Transfer Agent and Registrar

The transfer agent and registrar for the common stock is Computershare Trust Company, N.A.

Listing on the NASDAQ Global Market

Our common stock is listed on The NASDAQ Capital Market under the symbol “OPTT.”

DESCRIPTION OF DEBT SECURITIES

The following is a general description of the debt securities that we may issue from time to time. The particular terms relating to each debt security, which may be different from or in addition to the terms described below, will be set forth in a prospectus supplement relating to such securities.

The debt securities will be our direct obligations. The senior debt securities will rank equally with all of our other senior and unsubordinated debt. The senior subordinated debt securities will have a junior position to all of our senior debt, which is generally defined in both the subordinated debt indenture and senior subordinated debt indenture to include all debt other than debt that is expressly subordinated to or pari passu with the subordinated debt securities or senior subordinated debt securities, as the case may be. The subordinated debt securities will have a junior position to all of our senior debt and all of our senior subordinated debt. The senior debt securities will be issued under a senior debt indenture, the senior subordinated debt securities will be issued under a senior subordinated debt indenture, and the subordinated debt securities will be issued under a subordinated debt indenture. The indentures will be qualified under the Trust Indenture Act of 1939. The type and terms of the debt securities we offer under this prospectus may be limited by the other debt instruments to which we are a party at the time of the offering.

Any securities we issue will be structurally subordinated to the indebtedness and other liabilities, if any, of our subsidiaries, including claims of our subsidiaries' creditors, and any taxing authorities. Any claims we have as an unsecured creditor of one of our subsidiaries would be subordinate to any security interest in the assets of that subsidiary and any indebtedness of that subsidiary senior to the indebtedness held by us.

We have summarized below the material provisions of the three indentures. The summary is not complete and is subject in all respects to the provisions of and is qualified in its entirety by reference to the forms of indentures, which

are filed as exhibits and incorporated by reference into the registration statement of which this prospectus forms a part. The prospectus supplement relating to the applicable issuance of debt securities will describe any significant differences between the indentures and the summary below. The forms of senior indenture, senior subordinated indenture and subordinated indenture are substantially the same, except for certain covenants of ours and provisions relating to subordination. You should read the indentures for provisions that may be important to you. The forms of indentures may be supplemented or revised in connection with the filing of a prospectus supplement with respect to a particular series of debt securities and such later version will govern any debt securities issued in conjunction with that prospectus supplement.

Terms Applicable to All Debt Securities

No Limit on Debt Amounts. The indentures do not limit the amount of debt that can be issued under the indentures. These amounts will be set from time to time by our board of directors.

Prospectus Supplements. The prospectus supplement relating to a series of debt securities will summarize the specific terms of such debt securities and the related offering including, with respect to each series of debt securities, some or all of the following, as well as any other material terms of the debt securities:

the title of the securities of the series (which title will distinguish the securities of the series from all other series of securities);

any limit upon the aggregate principal amount of the securities of the series which may be authenticated and delivered (which limit will not pertain to securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other securities of the series or any securities that are deemed never to have been authenticated and delivered);

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the date or dates on which the principal of and premium, if any, on the securities of the series is payable or the method or methods of determination thereof;

the rate or rates at which the securities of the series will bear interest, if any, or the method or methods of calculating such rate or rates of interest, the date or dates from which such interest will accrue or the method or methods by which such date or dates will be determined, the dates on which any such interest will be payable, our right, if any, to defer or extend an interest payment date, the record date, if any, for the interest payable on any such security on any interest payment date, and the basis upon which interest will be calculated if other than that of a 360-day year of twelve 30-day months;

the place or places where the principal of, premium, if any, and interest, if any, on securities of the series will be payable, any securities of the series may be surrendered for registration of transfer, securities of the series may be surrendered for exchange and notices and demands to or upon us in respect of the securities of the series and the indenture may be served and notices to holders will be published;

the period or periods within which, the price or prices at which, the currency or currencies (including currency unit or units) in which, and the other terms and conditions upon which, securities of the series may be redeemed, in whole or in part, at our option and, the manner in which the particular securities of such series (if less than all securities of such series are to be redeemed) are to be selected for redemption;

our right or obligation, if any, to redeem or purchase securities of the series pursuant to any sinking fund or analogous provisions or upon the happening of a specified event or at the option of a holder thereof, and the period or periods within which, the price or prices at which, the currency or currencies (including currency unit or units) in which, and the other terms and conditions upon which, securities of the series will be redeemed or purchased, in whole or in part, pursuant to such obligation;

if other than denominations of \$1,000 and any integral multiple thereof, the denominations in which securities of the series will be issuable;

if other than U.S. dollars, the currency or currencies (including currency unit or units) in which the principal of, premium, if any, and interest, if any, on the securities of the series will be payable, or in which the securities of the series will be denominated, and the particular provisions applicable thereto;

if the payments of principal of, premium, if any, or interest, if any, on the securities of the series are to be made, at our election or the election of a holder, in a currency or currencies (including currency unit or units) other than that in which the securities of such series are denominated or designated to be payable, the currency or currencies (including currency unit or units) in which such payments are to be made, the terms and conditions of such payments and the manner in which the exchange rate with respect to such payments will be determined, and the particular provisions applicable thereto;

if the amount of payments of principal of, premium, if any, and interest, if any, on the securities of the series will be determined with reference to an index, formula or other method (which index, formula or method may be based, without limitation, on a currency or currencies (including currency unit or units) other than that in which the securities of the series are denominated or designated to be payable), the index, formula or other method by which such amounts will be determined and any special voting or defeasance provisions in connection therewith;

if other than the principal amount thereof, the portion of the principal amount of such securities of the series which will be payable upon declaration of acceleration thereof or the method by which such portion will be determined;

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the person to whom any interest on any securities of the series will be payable;

provisions, if any, granting special rights to the holders of securities of the series upon the occurrence of such events as may be specified;

any deletions from, modifications of or additions to the events of default or covenants pertaining to the securities of the series;

under what circumstances, if any, and with what procedures and documentation we will pay additional amounts on the securities of the series held by a person who is not a U.S. person (including any definition of such term) in respect of taxes, assessments or similar charges withheld or deducted and, if so, whether we have the option to redeem such securities rather than pay such additional amounts (and the terms of any such option);

the forms of the securities of the series;

the applicability, if any, of any means of defeasance or covenant defeasance as may be specified for the securities of such series;

if other than the trustee, the identity of the registrar, conversion agent (if any) and any paying agent;

if the securities of the series will be issued in whole or in part in global form, (A) the depositary for such global securities, (B) whether beneficial owners of interests in any securities of the series in global form may exchange such interests for certificated securities of such series, to be registered in the names of or to be held by such beneficial owners or their nominees and to be of like tenor of any authorized form and denomination, and (C) the circumstances under which any such exchange may occur;

the designation of the depositary with respect to the securities of the series;

any restrictions on the registration, transfer or exchange of the securities of the series;

if the securities of the series may be issued or delivered (whether upon original issuance or upon exchange of a temporary security of such series or otherwise), or any installment of principal or interest is payable, only upon receipt of certain certificates or other documents or satisfaction of other conditions, the form and terms of such certificates, documents or conditions;

if the securities of the series will be convertible into or for other of our securities or property, and any deletions from, modifications of or additions to the terms and conditions of any right to convert, exercise or exchange securities of

the series into or for other of our securities or property;

whether the securities of the series are secured or unsecured, and if secured, the security and related terms in connection therewith (which will be provided for in a separate security agreement and/or other appropriate documentation); and

any other terms of the securities of the series, including any terms which may be required by or advisable under United States laws or regulations or advisable (as we may determine) in connection with the marketing of securities of the series.

Unless otherwise provided in an applicable indenture relating to debt securities, the debt securities will be issued in the form of one or more fully registered global securities that will be deposited with and registered in the name of a depositary or its nominee. Upon issuance of a registered global security, the depositary will credit, on its book-entry registration and transfer system, participants' accounts with the principal amount of the debt security beneficially owned by such participants. Each person owning a beneficial interest in a registered global security will have to rely on the procedures of the depositary for such registered global security to exercise any rights of a holder under the applicable indenture. No service charge will be made for any transfer or exchange of the debt securities, but we may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection with a transfer or exchange and any expenses payable in connection with any registration of transfer or exchange of debt securities, other than exchanges not involving any transfer, such as the issuance of definitive securities in replacement of temporary securities or the issuance of new securities upon surrender of a security that is transferred or redeemed in part.

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A series of debt securities may be issued under the relevant indenture as original issue discount securities, which are securities that are offered and sold at a discount from their stated principal amount. In addition, debt securities offered and sold at their stated principal amount may under some circumstances, pursuant to applicable Treasury Regulations, be treated as issued at an original issue discount for federal income tax purposes. Federal income tax consequences and other special considerations applicable to any such original issue discount securities (or other debt securities treated as issued at an original issue discount) will be described in the prospectus supplement relating to those securities.

Covenants. We will agree in the indentures with respect to any series of debt securities to:

pay the principal, interest and any premium on the securities of the series when due;

maintain an office or agency where the securities of the series may be surrendered for registration of transfer, exchange, payment or conversion (if the debt securities are convertible) and where notices and demands to or upon us in respect of the securities of the series and the relevant indenture may be served;

prepare and file or deliver certain reports, as more fully specified in the relevant indenture, with the SEC, the trustee under the relevant indenture, and/or registered holders of the securities of the series, as the case may be;

deliver to the trustee under the relevant indenture, as more fully specified in that indenture, officers' certificates relating to our compliance under the relevant indenture and the occurrence of any default or event of default under that indenture; and

unless our board of directors determines that it is no longer desirable in the conduct of our business and that there will be no adverse impact in any material respect to the holders of the securities of the series, subject to those exceptions as more fully specified in the relevant indenture, do or cause to be done all things necessary to preserve and keep in full force and effect our existence as a corporation and our rights (charter and statutory rights) and franchises.

Consolidation, Merger and Sale of Assets. We will agree in the indentures with respect to any series of debt securities that we will not consolidate with or merge into any other entity or transfer all or substantially all of our assets unless:

we are the surviving entity; or

the successor or surviving entity assumes all of our obligations under the securities of such series and the indentures pursuant to supplemental indentures in forms reasonably satisfactory to the trustee(s) under the relevant indentures

and is organized or existing under the laws of the United States of America and any state thereof or the District of Columbia; and, in either case,

immediately after giving effect to such transaction, no event of default under the relevant indenture will have happened and be continuing.

Upon any such consolidation, merger or transfer of all or substantiall