
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

Form 8-K

Current Report Pursuant to Section 13 or 15(d) of
the Securities Act of 1934

Date of Report (Date of earliest event reported): **September 20, 2018**

Ocean Power Technologies, Inc.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-33417
(Commission
File Number)

22-2535818
(I.R.S. Employer
Identification No.)

28 Engelhard Drive
Monroe Township, New Jersey
(Address of principal executive offices)

08831
(Zip Code)

(609) 730-0400
(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.133-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01. Regulation FD Disclosure.

On September 20, 2018, Ocean Power Technologies, Inc. (the “Company”) updated their investor presentation. A copy of the investor presentation is furnished as Exhibit 99.1 to this report and is also available on the Company’s website at www.oceanpowertechnologies.com.

In accordance with General Instruction B.2 of Form 8-K, the information set forth in this Item 7.01 and in the attached Exhibit 99.1 shall be deemed to be “furnished” and shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended.

Item 9.01 Financial Statements and Exhibits.

Exhibit Number Description

*99.1 [Investor Presentation](#)

*Furnished herewith.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: September 20, 2018

OCEAN POWER TECHNOLOGIES, INC.

/s/ George H. Kirby III

George H. Kirby III
President and Chief Executive Officer

INVESTOR PRESENTATION
SEPTEMBER | 2018

OPT
OCEAN POWER TECHNOLOGIES

Ocean Power Technologies, Inc.

Investor Presentation

September 2018



Forward Looking Statements

In addition to historical information, this presentation contains forward-looking statements that are within the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are identified by certain words or phrases such as "may", "will", "aim", "will likely result", "believe", "expect", "will continue", "anticipate", "estimate", "intend", "plan", "contemplate", "seek to", "future", "objective", "goal", "project", "should", "will pursue" and similar expressions or variations of such expressions. These forward-looking statements are based on assumptions made by management regarding future circumstances over which the company may have little or no control and involve risks, uncertainties and other factors that may cause actual results to be materially different from any future results expressed or implied by such forward-looking statements. Some of these factors include, among others, the following: future financial performance; expected cash flow; ability to reduce costs and improve operational efficiencies; revenue growth and increased sales volume; success in key markets; competition; ability to enter into relationships with partners and other third parties; delivery and deployment of PowerBuoys®; increasing the power output of PowerBuoys; hiring new key employees; expected costs of PowerBuoy product; and building customer relationships. Please refer to our most recent Forms 10-Q and 10-K and subsequent filings with the SEC for a further discussion of these risks and uncertainties. We disclaim any obligation or intent to update the forward-looking statements in order to reflect events or circumstances after the date of this presentation.

About Ocean Power Technologies

Ocean Power Technologies

- NASDAQ: OPTT
- Patented proprietary technology with a total of 64 patents
- More than 40 employees with an engineering team of approximately 20 members including masters and PhD levels
- Market Cap: ~\$15M
- TTM Revenue: \$347K
- Cash & Equivalents: \$8.4M
- Headquarters: Monroe, New Jersey



Investment Thesis

- Innovative commercial product
- Strong intellectual property portfolio
- Total addressable market: \$8.5B
- Attractive end markets: oil & gas, defense & security, science & research, and communications
- Experienced and disciplined management



The Future of Ocean Power

Present Day

- 10,000+ offshore O&G sites requiring manual interface to monitor/capture data
- Ocean observing requires manual interface to communicate
- Limited automated Defense & Security capabilities
- Communications limited to expensive satellite
- Massive expense to operate on 70% of the planet

Medium Term

- 10-20% of all operations self-powered and automated
- More reliable, speedy and consistent data collection and monitoring
- Significant savings to operators and governments

Longer Term

- Automated, self-powered mechanisms will be the new normal
- Operators will find it impossible to compete without renewable power source in water on site
- New applications discovered and enabled by power sources

Recent Highlights

Business Development

- Shipped PB3 PowerBuoy™ to Eni S.p.A. for deployment in Adriatic Sea
- Signed agreement in August 2018 with Enel Green Power (EGP) for study on possible deployment of PowerBuoy™ along the coast of Chile
- Signed contract in June 2018 with Premier Oil to lease a PowerBuoy™ for deployment in the Huntington Field, one of Premier Oil's offshore fields in the Central North Sea
- Exhibited at Offshore North Sea 2018 Conference in Stavanger, Norway

Operations

- Added key senior leadership with extensive experience in offshore oil and gas subsea systems, security, defense, engineering and business development
- Received patent to optimize energy harvesting in low to moderate sea states
- Continued to cultivate commercialization opportunities for PB3 PowerBuoy™ for use in remote offshore power and real-time data communications applications

Financial

- Entered common stock purchase agreement with Aspire Capital, enhancing financial flexibility

Customer Projects



Eni

- Shipped, currently transit overland
- Deploy October*

Premier

- Ship December*
- Deploy January*

Enel Green Power

- Report close September
- Chile Site Visit September
- Buoy deploy February 2019*

* Estimated Dates



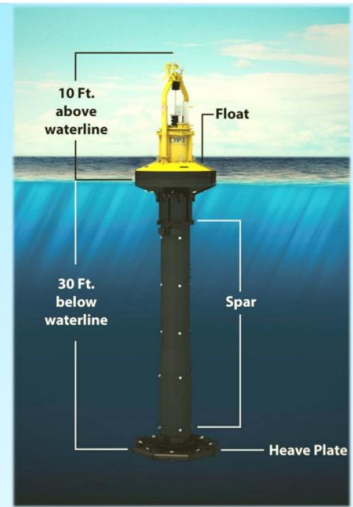
Our Technology

- Considerable life-cycle cost savings compared to incumbent solutions
- Generates up to 3 kilowatts of peak power
- Site-dependent average daily generated power up to 2 kilowatts
- 300 watts of continuous power deliverable during days or weeks with no wave activity
- Real-time data communication
- Can provide power for multiple applications at the same site



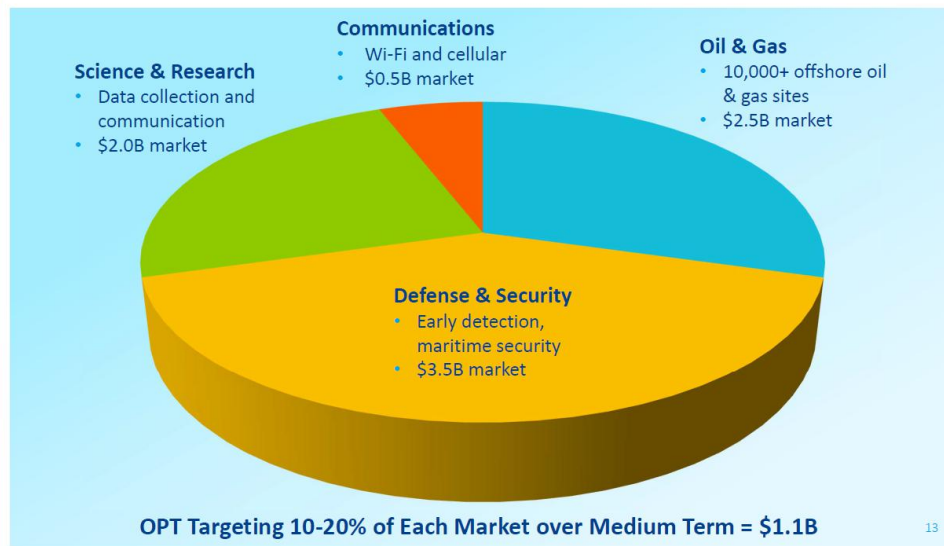
How Our Technology Works

- Unique, unprecedented, patent-protected approach to power generation
- Floating system, anchored to sea floor down to 3,000 meters
- Float moves vertically, independent of the spar, in response to wave motion
- Heave plate and spar remain motionless in the water
- Float motion drives electrical generator
- Electricity is used for nearby applications or is stored on board



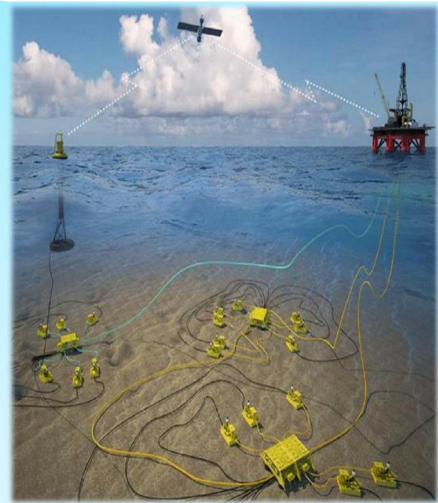


Capitalizing on an \$8.5B Addressable Market



End Markets: Oil & Gas

- Key drivers
 - Operations trending toward deeper waters
 - Industry investing in new technologies
 - 10,000+ sites currently require power
 - PowerBuoy creates significant cost-saving opportunities
- Applications
 - Charging stations for subsea drones (AUVs)
 - Equipment monitoring and control
 - Communications
 - Improved site safety and security
 - Subsea battery charging
 - Seismic mapping
 - Reservoir management



TAM source: U.S. Bureau of Safety and Environmental Enforcement

Decommissioning by Region (2018 – 2025)

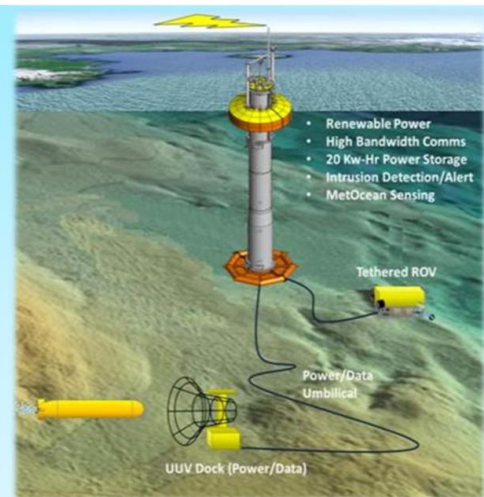


Footnote:

- Oil & Gas UK Decommissioning Insight 2017 <https://oilandgasuk.co.uk/wp-content/uploads/2017/11/Decommissioning-Report-2017-27-Nov-final.pdf>
- Decommissioning Opportunities in Brazil's Oil and Gas Horizon <https://www.export.gov/article?id=Decommissioning-Opportunities-in-Brazil's-Oil-and-Gas-Horizon>
- Deloitte: Decommissioning has potential to be Australia's next oil and gas boom <https://www2.deloitte.com/au/en/pages/media-releases/articles/australias-next-oil-and-gas-boom-160517.html>
- Preparing for the Next Wave of Offshore Decommissioning <https://www.bcg.com/publications/2018/preparing-for-next-wave-offshore-decommissioning.aspx>
- WoodMac: \$32 billion to be spent on decommissioning worldwide in 5 years <https://www.oji.com/articles/2018/07/woodmac-32-billion-to-be-spent-on-decommissioning-worldwide-in-5-years.html>

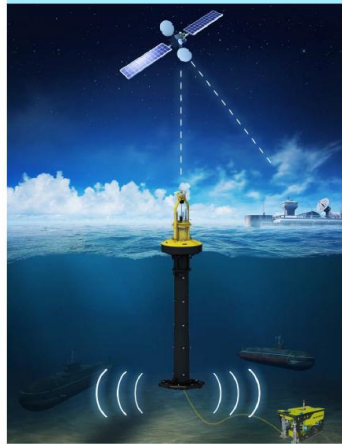
End Markets: Defense & Security

- Key drivers
 - Detection and early warning systems require consistent power and real-time communications
 - Remote sensing stations for maritime security
- Applications include
 - Monitoring and surveillance
 - Networks and communications
 - Charging stations for subsea drones (AUVs)
 - Remote radar and sonar stations
 - Electro-optical and infrared sensors



TAM source: Global Border and Maritime Security Market Executive Summary, Frost & Sullivan, February 2014

End Markets: Defense & Security (continued)



OPT
OCEAN POWER TECHNOLOGIES

Leverage DoD/Gov Contract Mechanisms

- Marine Corps
- Navy
- Office of Naval Research (ONR)
- Army
- Airforce
- Coast Guard
- Department of Energy (DOE)
- National Oceanic and Atmospheric Administration (NOAA)

Defense Contractors

Rapid Funding Organizations

- Defense Innovation Unit Experimental (DIUX)
- Forward Deployed Energy & Comms Outpost (FDECO)

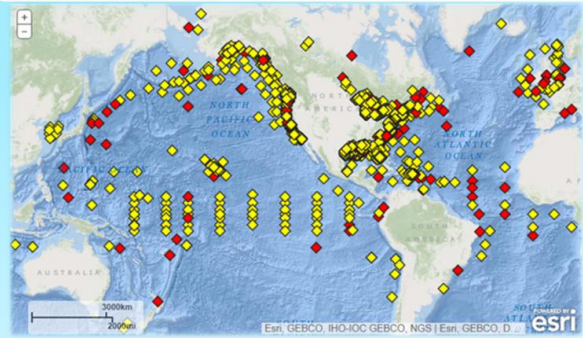
End Markets: Communications

- Key drivers
 - Maritime communications limited to costly satellite technology
 - Military and civilian remote Wi-Fi and cellular communications
- Applications include
 - Range extension for marine and coastal waterways and airways
 - Voice and data relay stations



End Markets: Science & Research

- Key drivers
 - Data collection, processing and real-time communications needed
 - PowerBuoy potentially transforms ocean environment intelligence
 - Life cycle cost, power and persistence are key variables
- Applications include
 - Weather forecasting
 - Climate change
 - Ocean seismometry
 - Ocean currents
 - Environmental and biological monitoring





Financial Profile

Selected Financial Information		Capital Structure	
Balance Sheet (unaudited)	7/31/18	Total shares outstanding ⁽¹⁾	18,368,286
Cash, equivalents, restricted cash	\$8,362	% owned by directors & officers	~1%
Total current assets	8,923	Warrants outstanding	324,452
Property & equipment, net	706	Options outstanding	359,954
Total current liabilities	2,559		
Other financial information			
Monthly cash burn (fiscal 2018)	900		

Dollars in thousands, except per share data; capital structure as of 7/31/18 unless otherwise noted

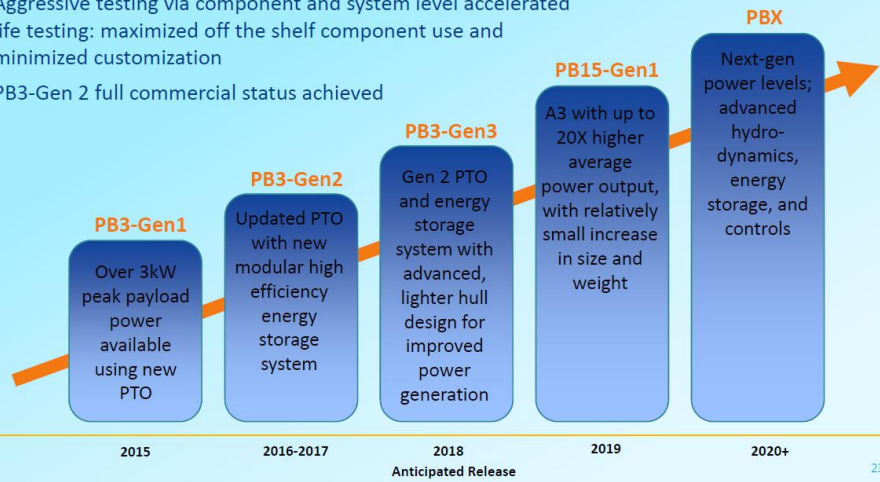
(1) Excludes warrants and options outstanding

(2) Approximate shareholder accounts as of 7/31/18



Product & Technology Roadmap

- Focused on rapid product maturation and cost competitiveness
- Aggressive testing via component and system level accelerated life testing: maximized off the shelf component use and minimized customization
- PB3-Gen 2 full commercial status achieved



Implementation Strategy: Proven & Underway

Proven Technology and Validation

2015

- Initial product concept
- Initial full-scale design
- Prototype 1: function

2016

- Prototype 2: form, fit, function
- Design update & release

2017

- Unit validation in factory & ocean
- LRIP
- Commercial release, high-volume production

2018-19E

- Expand marketing, business development footprint across multiple geographies
- Secure multiple customer demonstration projects which lead to commercial revenues
- Secure strategic supply chain, manufacturing and field service partnerships
- Build additional PowerBuoys to address anticipated market demand

Now Ready for Higher Volume Production Based on Customer Demand

Experienced, Disciplined Management Team

Executive	Title	Selected Experience
George H. Kirby	Chief Executive Officer	   
Matthew T. Shafer	Chief Financial Officer	   
Christopher Phebus	V.P. of Engineering	 GE Energy GE O&G GE Aviation  
Matthew May	V.P. of Global Business Development	  

Management Supported by Engaged and Sophisticated Board of Directors
And an Energized, Talented Organization

Investment Thesis

- Innovative commercial product
- Strong intellectual property portfolio
- Total addressable market: \$8.5B
- Attractive end markets: oil & gas, defense & security, science & research, and communications
- Experienced and disciplined management



Thank You

Matthew Shafer
Chief Financial Officer & Treasurer
mshafer@oceanpowertech.com
(609) 730-0400 ext. 224

Porter, LeVay & Rose
Michael Porter, President
ocean@plrinvest.com
(212) 564-4700



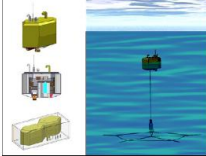
Office of Naval Research Program Details

Department of the Navy SBIR/STTR Transition Program
DISTRIBUTION STATEMENT A. Approved for public release. Distribution is unlimited.
ONR Approval #43-3252-17

Topic # N121-096
Persistent, Easy-to-Deploy, Station-keeping Sonar Powerbuoy
Ocean Power Technologies, Inc.

WHO

SYSCOM: ONR
Sponsoring Program: TBD
Transition Target: PFC IWS
Unmanned Systems
TPOC:
Mr. Michael Vaccaro
Other transition opportunities:
Navy, Department of Defense (DoD), Department of Homeland Security (DHS), and National Oceanic and Atmospheric Administration (NOAA) programs requiring autonomous, long duration, sea-based surveillance, including surveillance, communications, and/or net-ocean sensing.



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Notes: Image depicts the persistent (i.e. long duration), easy-to-deploy (ETD) energy harvesting (EH) station-keeping (SK) sonar power buoy in transport and operational configurations. Image on right shows buoy supporting and acoustically waveform (AW) active sonar, but payload could be other type of sea-based system (e.g. radar, communications relay).

WHAT

Operational Need and improvement: The US Navy needs a deployable field of active sonar systems that can be used in all depths of water and achieve tactical anti-submarine control of an area for several weeks. The US Navy has identified the need for a persistent, easy to deploy, anchorless active sonar system that contains a float or small craft for suspension of the sonar array, a low-frequency source and receive array, and on-board processing and communications systems. US Navy requirements for the buoy vessel are as follows: 1) buoy or small craft for suspension of a low-frequency sonar source and receive array, and on-board processing and communications systems, 2) two antenna buoy systems fit in a 20' ISO shipping container, 3) anchorless SK in excess of two weeks, 4) incorporate ASW active sonar design, and 5) reusable deployment/retrieval schemes.
Technology Developed: Technology consists of a compact, self-powered, autonomous buoy featuring an "inertia-based" wave EH system to provide long-duration operation (2 yr stretch goal) of an ASW sonar system. Buoy utilizes a combination of wave EH devices, energy storage, and high-density batteries to power electric thrusters to effect buoy transit of station-keeping. Technology provides multiple, persistent power for SK and payload, in a compact ETD design. Inertia-based wave EH devices could also be fitted to new or existing vessels, providing them with persistent, reliable power. Testing has verified the performance and reliability of critical components. Ocean demo of prototype buoy is anticipated early 2019.
Warfighter Value: Persistent ETD EH SK buoy can operate in many EH and energy usage modes to ensure high mission capability and availability. EH SK buoy is more compact than wave-only, solar-only, or diesel-only powered approaches for long-term operation, significantly improving deployment/recovery logistics and maximizing number of buoys per-deployment ship. SK buoy could be deployed hundreds of miles from operational area and transit autonomously, reducing logistical costs and hazard to personnel. It could also be deployed in advance and lower-visibility/undiscovered. In shallow water, buoy could be moored so all wave energy could be used for high-power payloads.

WHEN

Contract Number: N00014-16-C-3047 Ending on: December 15, 2017

Milestone	Risk Level	Measure of Success	Ending TRL	Date
Power generation and station-keeping performance simulations	Med	Simulations show wave-generated power sustains station-keeping.	4	August 2017
Risk reduction testing of inertia wave-energy capture system components	Med	Satisfactory power conversion efficiency and cycle life.	4	November 2017
Design of prototype version of persistent ETD EH SK buoy vessel.	Med	Full set of drawings and bills of material for prototype buoy vessel.	5	TBD
Build and ocean test of persistent ETD EH SK buoy vessel.	Med	Successful one-month ocean deployment or prototype buoy with expected wave-generating and SK capabilities	6	TBD

HOW

Projected Business Model: The primary business model of Ocean Power Technologies, Inc. (OPT) is to supply the persistent, ETD, EH, SK buoy vessel systems to integration prime contractors. Alternatively, OPT could supply the inertia-based wave energy conversion modules to integration prime contractors for installation in their systems.
Company Objectives: OPT anticipates the NAVY SBIR/STTR Transition Program (STP) Forum will facilitate connections with Government and industry decision makers that have needs for autonomous, long-duration, sea-based applications that require substantial electric power/energy and/or self-station-keeping capability. Our short-term objective is to secure a Phase 2.5 or Phase 3 contract for the further development of the autonomous, persistent, ETD, EH, SK buoy. The main objective would be to increase the technical readiness of the technology through design refinement and further ocean demonstrations.
Potential Commercial Applications: Many commercial applications exist including meteorological-observational sensing, satellite navigation, offshore pipe line monitoring, offshore oil & gas well-head powering, and sea-based communications networks/relays. The persistent ETD, EH, SK buoy also has a number of opportunities with DOD and DHS to transition in programs requiring persistent instrumentation, especially where a deep water mooring system is not feasible. Non-Navy programs that OPT has identified focus on DARPA's Distributed Agile Submarine Hunting (DASH) Program and DHS's Coastal Surveillance System. In addition, USCG buoys need additional power in order to aid Automatic Identification System (AIS) functionality to support modern electronic navigation. The USCG has expressed interest in testing OPT's wave energy devices on their buoys with the possibility of implementing AIS.

Contact: David Stewart, Principal Technologist
dstewart@oceanpowertech.com 609-750-0400 x220



