



Investor Presentation

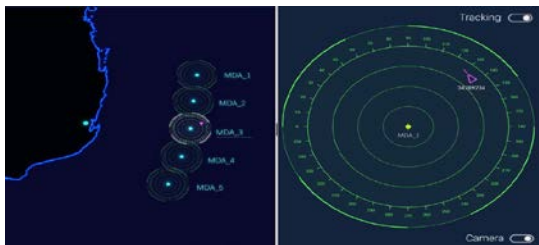
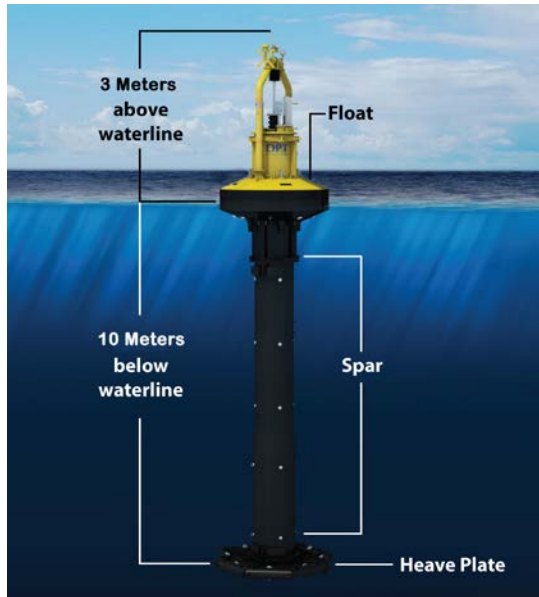
December 14, 2022

Energizing Ocean Intelligence™

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®, WAM-Vs®, and other products and services; increasing the power output of PowerBuoys; hiring new key employees; expected costs of company products; 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. This presentation is not intended to be a communication under Rule 163B of the Securities Act of 1933, as amended.

OPT INVESTMENT HIGHLIGHTS



First mover advantage on DaaS (Data-as-a-Service) and PaaS (Power-as-a-Service)

New Management Team – with significant marine experience that understands working with the government

Recently Expanded Revenue Drivers

- Added autonomous vehicles via accretive acquisition (Nov 2021)
- Maritime Domain Awareness Solution now live
- 3Dent acquisition (Feb 2021) fully integrated and delivering

Significant Opportunity to Take Market Share in Large TAM

- Estimated TAM for Maritime Domain Awareness is ~\$1.5 billion
- Total Ocean Area: 139.7M sq. miles (71% of Earth)

Strong Balance Sheet - \$46.4M of combined cash and marketable securities with no bank debt as of October 31, 2022

ESG – Key part of our culture. Additionally, we help companies maximize use of oceans.

OPT QUICK FACTS

OPT is an innovator of data, power, and engineering services from the shore to beyond the horizon. We provide persistent, reliable, and economical power and communications for offshore applications.

Organization: 60+ employees including extensive engineering capabilities

Intellectual Property: Proprietary technology with 68 patents

Headquarters: Monroe Township, New Jersey

Offices / Facilities: Houston, Texas & Richmond, California

Exchange / Ticker: NYSE American / OPTT



OPT PRODUCTS & SERVICES

PB3 PowerBuoy®



- Long Deployments
- Persistent Power
- Renewable Wave Powered

Hybrid PowerBuoy®



- Shorter Deployments
- Low Wave Environments
- Solar Power with backup options

WAM-V® ASVs



- Autonomous Wave Adaptive Surface Vessels
- Stable, portable, highly maneuverable
- 8', 16' & 22' sizes

Subsea Battery



- Seafloor Power Source
- Standalone or Externally Charged
- Integrates with PowerBuoys®

Consulting Services



- Lift Boats, Jack Ups, Deepwater Floaters
- Structural & Fatigue Analyses
- Hydrodynamic & Motion Analysis

Solutions Supporting Multiple Industries



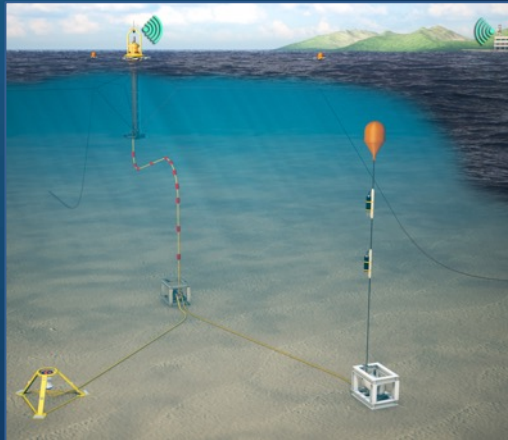
Maritime Domain Awareness – North Sea



Environmental Monitoring – Sea of Japan



Subsea Power – Adriatic Sea



Environmental Monitoring – Chile

Maritime Domain Awareness

Border Security / IUU / MPA applications

- HD radar, gyro-stabilized HD optical & thermal imaging cameras, vessel (AIS) detection, subsea sensors, passive sonar, integrated command and control software
- Actionable Intelligence from 24/7/365 vessel tracking (including “dark vessels”), automatic notifications and vessel warnings, HD surveillance and integrated AI interface for predictive analysis

Subsea Power & Communications

O&G applications

- Resident underwater vehicle charging and data transmission
- Seafloor industrial equipment power and control
- Power for new “all electric” subsea systems
- IMR support for failing umbilicals
- Well monitoring and decommissioning support

Ocean Monitoring

O&G/ Environmental /Metocean data applications

- Customizable sensor suite
 - Seafloor, water column environmental analysis
 - Sea life sensing and tracking; Tsunami sensing

OPT BUSINESS MODEL

Implemented a robust business model capable of addressing growing global offshore needs

Maritime Domain Awareness Solution: Our proprietary software and hardware platform drive our data collection efforts

Offshore Power: Dominate the 20kW and under autonomous offshore power market segment with our portfolio of products

Consulting Services: Substantial market in global offshore design studies and special projects

DATA as a Service

- Integrated fixed and mobile data collection
- OPT vehicles for survey and MDA services
- OPT fixed platforms for sale/lease, can integrate with OPT/non-OPT systems (AxV, satellite, docking systems)






POWER as a Service

- OPT managed power platforms for topside or subsea power applications up to 20kW continuous
- AxV mission endurance and quasi-residency
- Platform sales/leasing, turn-key solutions

Strategic Consulting Services

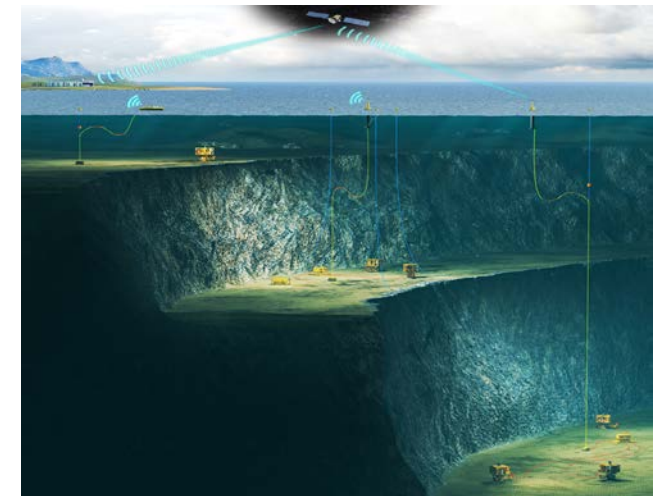
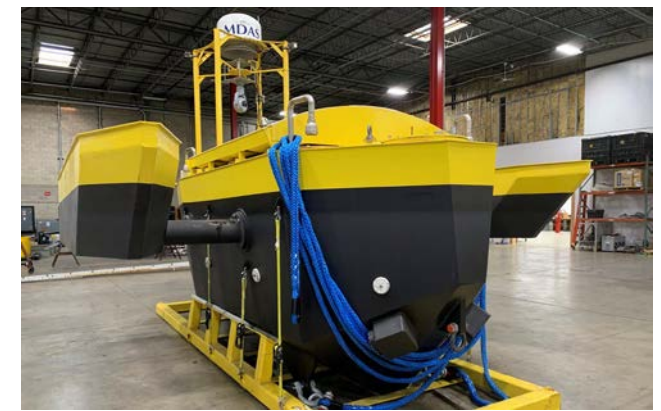
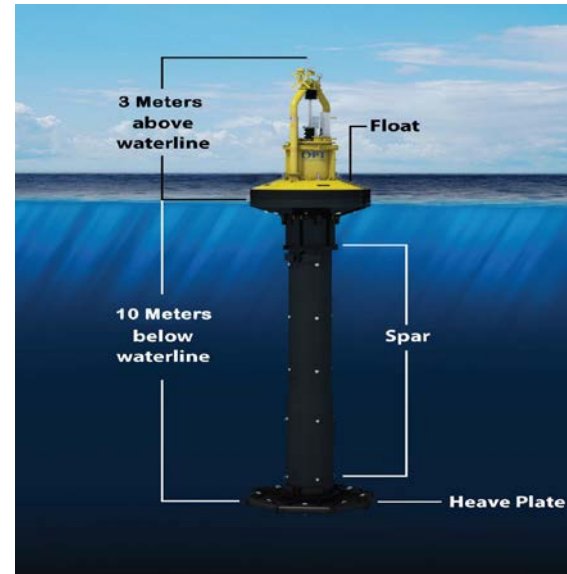
- Ocean engineering and design
- Structural and dynamic analysis
- Concept and Front-end Engineering and Design (FEED) studies
- Motions simulation and monitoring

DATA AND MONITORING AREAS

	Defense & Security 	Offshore Oil & Gas 	Science & Research 	Comm-unications 	Offshore Wind 
DaaS <i>(buoys and vehicles)</i>	<ul style="list-style-type: none"> Maritime Domain Awareness Intelligence, Surveillance, and Reconnaissance Explosive Ordinance Disposal Illegal Fishing 	<ul style="list-style-type: none"> Well Monitoring Hydrographic Survey 	<ul style="list-style-type: none"> Metocean Data Hydrographic Survey 		<ul style="list-style-type: none"> Mammal Monitoring Noise Monitoring Inspection, Repair and Maintenance Support Hydrographic Survey
PaaS <i>(primarily buoys)</i>	<ul style="list-style-type: none"> Charging/Docking Stations 	<ul style="list-style-type: none"> Decommissioning Backup Power 	<ul style="list-style-type: none"> Sensor agnostic platform deployment 	<ul style="list-style-type: none"> Cell/Satellite Network extension 	
Consulting Services	<ul style="list-style-type: none"> USV – Docking Station – Platform interaction <p><i>(potential cross-sell for buoys and vehicles)</i></p>	<ul style="list-style-type: none"> Marine Asset retrofit design Rig studies Field studies 			<ul style="list-style-type: none"> Marine Asset retrofit design Turbine Concept Design <p><i>(potential cross-sell for buoys and vehicles)</i></p>

OFFSHORE POWER / PaaS

- **PowerBuoys®** create and store power for use in remote offshore locations and enable real-time communication with a wide range of connected topside and/or subsea assets
 - PB3 PowerBuoy generates power from the relative motion of ocean waves
 - hybrid PowerBuoy generates power from solar panels and wind turbines
- **OPT Subsea Battery** is a modular seafloor unit for use as an uninterruptable power source
 - Integrates with PowerBuoys for continuous charging or can be used as a standalone power source



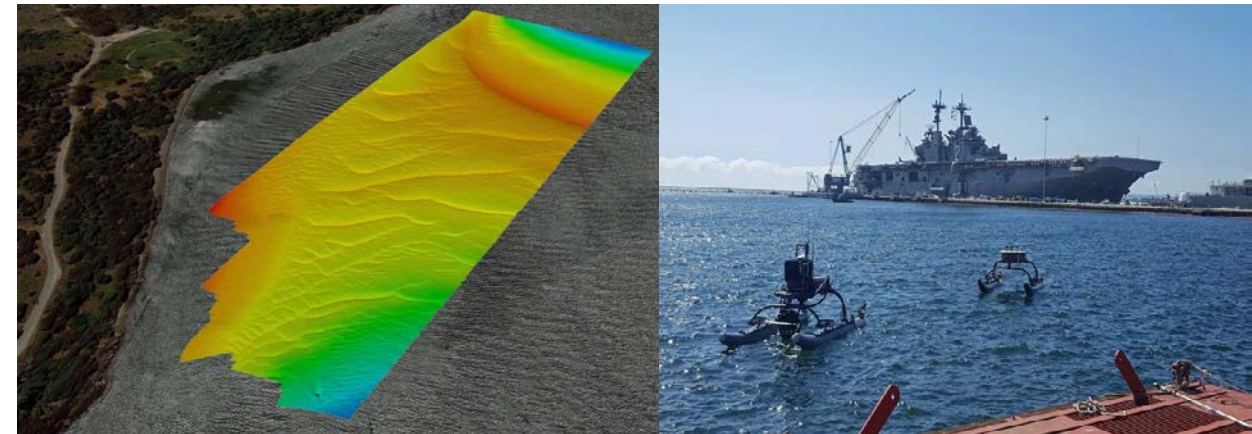
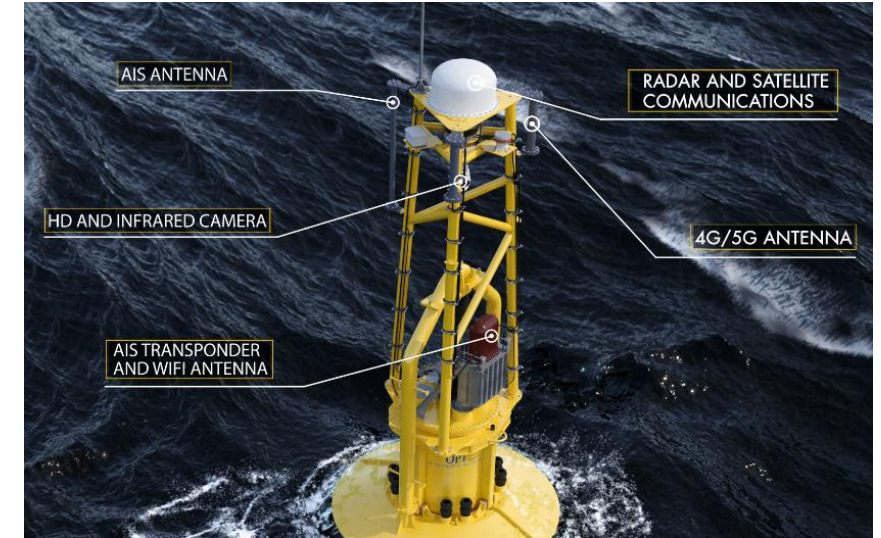
OCEAN INTELLIGENCE / DaaS

Maritime Domain Awareness

- Autonomous and continuous real-time monitoring – 24/7/365
- AIS / Radar / High-Definition and Infrared Cameras
- Advanced proprietary software with edge computing and cloud integration for post-processing and global data availability
- Real-time vessel detection, tracking, and databasing for enforcement and prosecution and actionable intelligence

WAM-V's (Wave Adaptive Modular Vessel)

- Innovative WAM-Vs® use unique suspension technology to provide an exceptionally stable platform for high quality data acquisition and ocean roaming/monitoring
- Three commercially available sizes (8 ft to 23 ft) for wide range of use



STRATEGIC CONSULTING SERVICES

OPT offers a full range of offshore engineering and design services

Customers: drilling contractors, defense contractors, construction yards, engineering firms, oil and gas, offshore wind, wave energy, marine construction, and service companies

Expertise in structural engineering, hydrodynamics and naval architecture.

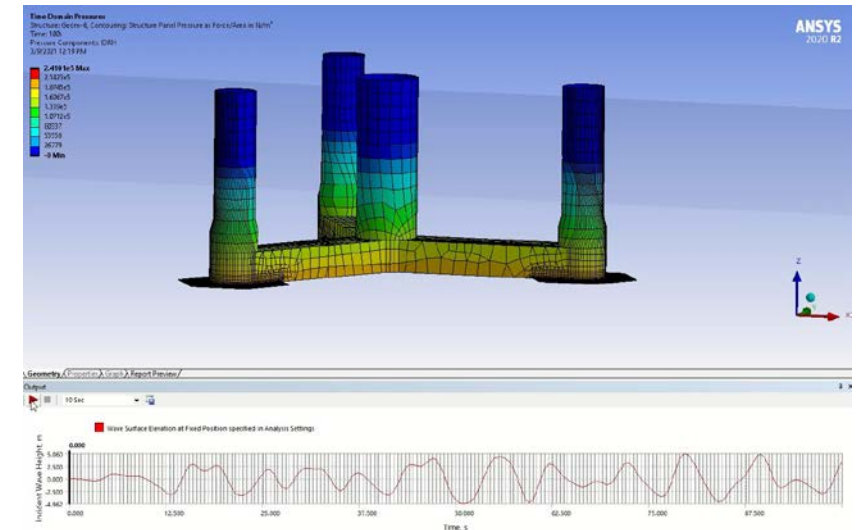
Services include:

- Simulation
- Engineering Design Review
- Forensic Investigation
- Consulting Services
- Expert Witness Services

Enhanced with February 2021 acquisition of 3Dent Technology



Analysis using Ansys AQWA software, an integrated system for hydrodynamic and mooring analyses



WHY NOW?

Significant activity for our target range of industries

- Defense & Security – expand the use of autonomous technologies
- Offshore Oil & Gas – expand power capabilities and assist in monitoring wells
- Science & Research – wants more accurate and timely information
- Communications – desires zero down time and high reliability
- Offshore Wind – monitors structure timely and accurately

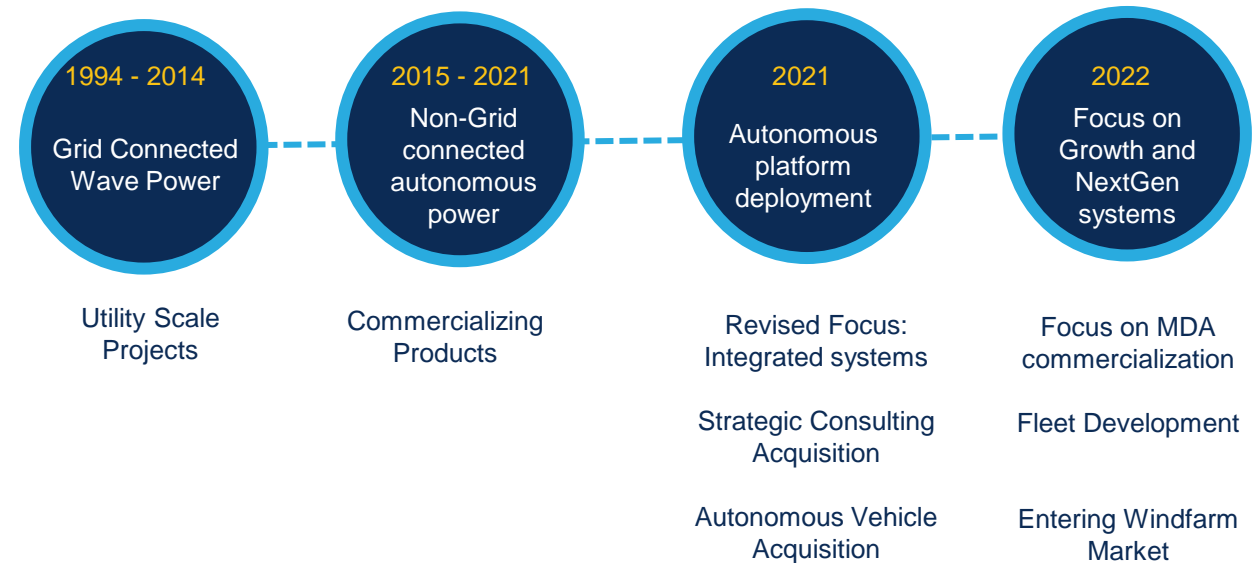
Overall attention on our oceans

- Efforts to increase protected oceans from 3% to 30%
- Countries are looking to better enforce illegal fishing
- Data is desired everywhere

Problems we can solve

- Threat detection and analysis
- Monitor for sale operations
- Mammal detection and other environmental concerns
- Regulations for wells monitoring
- Well control and systems monitoring
- Port and ocean survey operations

OPT's Exciting Recent Evolution



OUR VALUE PROPOSITION

Decrease/eliminate costs for customers

- PowerBuoy® and WAM-V® reduce reliance on costly crewed vessel operations

Improves safety and decreases risk for customers

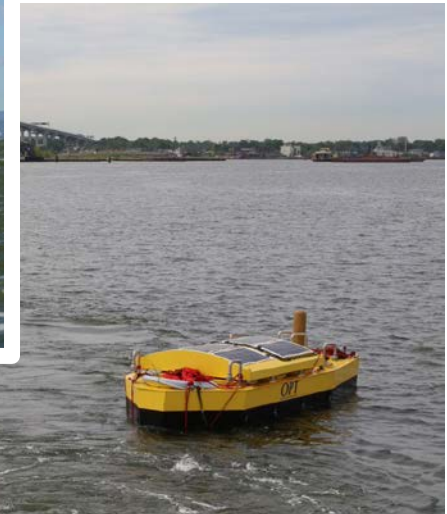
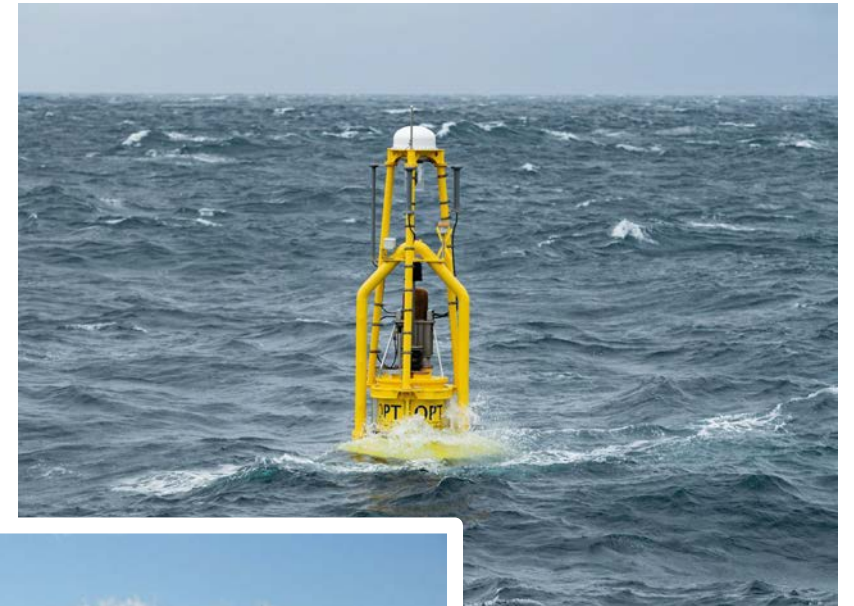
- Allows remote operations from shore, removing personnel from ocean operations

Speeds decision-making for customers

- Real-time actionable intelligence

Enhances sustainability efforts for customers

- Low- to zero-carbon solutions decrease operational carbon footprint



OPT LEADERSHIP TEAM



Dr. Philipp Stratmann, EngD
President & Chief Executive Officer
June 2021 (CEO) – December 2019



Maria Force, MS, SPHR, SCP
Vice President, Human Resources
November 2021



Robert Powers, CPA, MBA
Senior Vice President & Chief Financial Officer
December 2021



David Goldstein
Vice President, Customer Delivery
July 2018



Ethan Butler
Senior Vice President, Operations
May 2022



Mark Gundersen
Vice President, Autonomous Vehicles
November 2021



Matthew Burdyny
Vice President, Global Sales & Marketing
March 2022



Jose Vazquez, PhD
Vice President, Strategic Consulting Services
February 2021



- New and Experienced Management Team
 - Strong Balance Sheet
- Robust Business Model and Strategy



Defense & Security



Offshore Oil & Gas



Science & Research



Communications



Offshore Wind



Thank You

Investor Contact

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