

HORNBECK OFFSHORE SERVICES INC /LA  
Form ARS  
April 26, 2019

HORNBECK OFFSHORE SERVICES, INC.

ANNUAL REPORT TO STOCKHOLDERS

For the Year Ended December 31, 2018

EXPLANATORY NOTE

This Annual Report to Stockholders of Hornbeck Offshore Services, Inc. (the "Company") for the year ended December 31, 2018 includes the Company's previously filed Annual Report on Form 10-K for the year ended December 31, 2018 as well as additional disclosures on the last page of this report that are required to be included in annual reports to stockholders.

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

FORM 10-K

✓ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934  
For the Fiscal Year Ended December 31, 2018

OR

..TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF  
1934

For the Transition Period from \_\_\_\_\_ to \_\_\_\_\_  
Commission File Number 001-32108

Hornbeck Offshore Services, Inc.  
(Exact Name of Registrant as Specified in Its Charter)

Delaware 72-1375844  
(State or other jurisdiction of (I.R.S. Employer  
incorporation or organization) Identification Number)

103 Northpark Boulevard  
Covington, Louisiana 70433  
(985) 727-2000

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Name of exchange on which registered
Common Stock, \$0.01 par value	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act:

None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

Indicate by check mark whether the Registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of the Registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

Emerging growth company

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

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

The aggregate market value of the Common Stock held by non-affiliates computed by reference to the price at which the Common Stock was last sold as of the last day of registrant's most recently completed second fiscal quarter is \$137,076,200.

The number of outstanding shares of Common Stock as of January 31, 2019 is 37,700,614 shares.

**DOCUMENTS INCORPORATED BY REFERENCE**

Portions of the Registrant's definitive 2019 proxy statement, anticipated to be filed with the Securities and Exchange Commission within 120 days after the close of the Registrant's fiscal year, are incorporated by reference into Part III of this Annual Report on Form 10-K.

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Forward Looking Statements

This Annual Report on Form 10-K contains “forward-looking statements,” as contemplated by the Private Securities Litigation Reform Act of 1995, in which the Company discusses factors it believes may affect its performance in the future. Forward-looking statements are all statements other than historical facts, such as statements regarding assumptions, expectations, beliefs and projections about future events or conditions. You can generally identify forward-looking statements by the appearance in such a statement of words like “anticipate,” “believe,” “continue,” “could,” “estimate,” “expect,” “forecast,” “intend,” “may,” “might,” “plan,” “potential,” “predict,” “project,” “remain,” “should,” “will,” comparable words or the negative of such words. The accuracy of the Company’s assumptions, expectations, beliefs and projections depends on events or conditions that change over time and are thus susceptible to change based on actual experience, new developments and known and unknown risks. The Company gives no assurance that the forward-looking statements will prove to be correct and does not undertake any duty to update them. The Company’s actual future results might differ from the forward-looking statements made in this Annual Report on Form 10-K for a variety of reasons, including impacts from changes in oil and natural gas prices in the U.S. and worldwide; continued weakness in demand and/or pricing for the Company’s services through and beyond the maturity of any of the Company’s long-term debt; unplanned customer suspensions, cancellations, rate reductions or non-renewals of vessel charters, or vessel management contracts, or failures to finalize commitments to charter or manage vessels; continued weak capital spending by customers on offshore exploration and development; the inability to accurately predict vessel utilization levels and dayrates; sustained weakness in the number of deepwater and ultra-deepwater drilling units operating in the GoM or other regions where the Company operates; the Company’s inability to successfully complete the final two vessels of its current vessel newbuild program on-budget, including any failure or refusal by the issuer of performance bonds to cover cost overruns that may result at a completion shipyard; the inability to successfully market the vessels that the Company owns, is constructing or might acquire; the government’s cancellation or non-renewal of the management, operations and maintenance contracts for non-owned vessels; an oil spill or other significant event in the United States or another offshore drilling region that could have a broad impact on deepwater and other offshore energy exploration and production activities, such as the suspension of activities or significant regulatory responses; the imposition of laws or regulations that result in reduced exploration and production activities or that increase the Company’s operating costs or operating requirements; environmental litigation that impacts customer plans or projects; disputes with customers; bureaucratic, administrative or operating barriers that delay vessels in foreign markets from going on-hire; administrative or political barriers to exploration and production activities in Mexico or Brazil; disruption in the timing and/or extent of Mexican offshore activities or changes in law or policy in Mexico that restricts further development of its offshore oilfields; age or other restrictions imposed on the Company’s vessels by customers; unanticipated difficulty in effectively competing in or operating in international markets; less than anticipated subsea infrastructure and field development demand in the GoM and other markets affecting the Company’s MPSVs; sustained vessel over capacity for existing demand levels in the markets in which the Company competes; economic and geopolitical risks; weather-related risks; upon a return to improved operating conditions, the shortage of or the inability to attract and retain qualified personnel, when needed, including vessel personnel for active vessels or vessels the Company may reactivate or acquire; any success in unionizing any of the Company’s U.S. fleet personnel; regulatory risks; the repeal or administrative weakening of the Jones Act or adverse changes in the interpretation of the Jones Act; changes in law or policy in Mexico affecting the Company’s Mexican registration of vessels there; administrative or legal changes in Mexican cabotage laws; other legal or administrative changes in Mexico that adversely impact planned or expected offshore energy development; drydocking delays and cost overruns and related risks; vessel accidents, pollution incidents or other events resulting in lost revenue, fines, penalties or other expenses that are unrecoverable from insurance policies or other third parties; unexpected litigation and insurance expenses; other industry risks; fluctuations in foreign currency valuations compared to the U.S. dollar and risks associated with expanded foreign operations, such as non-compliance with or the unanticipated effect of tax laws, customs laws, immigration laws, or other



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legislation that result in higher than anticipated tax rates or other costs; the inability to repatriate foreign-sourced earnings and profits; the possible loss or material limitation of the Company's tax net operating loss carryforwards and other attributes due to a change in control, as defined in Section 382 of the Internal Revenue Code; the inability of the Company to refinance or otherwise retire certain funded debt obligations that come due in 2019, 2020 and 2021; the potential for any impairment charges that could arise in the future and that would reduce the Company's consolidated net tangible assets which, in turn, would further limit the Company's ability to grant certain liens, make certain investments, and incur certain debt permitted under the Company's senior notes indentures and term loan agreements; or an adverse decision in any potential dispute involving the permissibility of the exchange of 2020 senior notes for second-lien term loans due February 2025. In addition, the Company's future results may be impacted by adverse economic conditions, such as inflation, deflation, lack of liquidity in the capital markets or an increase in interest rates, that may negatively affect it or parties with whom it does business resulting in their non-payment or inability to perform obligations owed to the Company, such as the failure of customers to fulfill their contractual obligations or the failure by individual lenders to provide funding under the Company's current or future debt facilities, if and when required. Should one or more of the foregoing risks or uncertainties materialize in a way that negatively impacts the Company, or should the Company's underlying assumptions prove incorrect, the Company's actual results may vary materially from those anticipated in its forward-looking statements, and its business, financial condition and results of operations could be materially and adversely affected and, if sufficiently severe, could result in noncompliance with certain covenants of the Company's existing indebtedness. Additional factors that you should consider are set forth in detail in the "Risk Factors" section of this Annual Report on Form 10-K as well as other filings the Company has made and will make with the Securities and Exchange Commission which, after their filing, can be found on the Company's website, [www.hornbeckoffshore.com](http://www.hornbeckoffshore.com).

The Company makes references to certain industry-related terms in this Annual Report on Form 10-K. A glossary and definitions of such terms can be found in Item 9B—Other Information on page 48.

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PART I

ITEM 1—Business

COMPANY OVERVIEW

Hornbeck Offshore Services, Inc. was incorporated under the laws of the State of Delaware in 1997. In this Annual Report on Form 10-K, references to “Company,” “we,” “us,” “our” or like terms refer to Hornbeck Offshore Services, Inc. and its subsidiaries, except as otherwise indicated. Hornbeck Offshore Services, Inc. is a leading provider of marine transportation, subsea installation and accommodation support services to exploration and production, oilfield service, offshore construction and U.S. military customers. Since our establishment, we have primarily focused on providing innovative technologically advanced marine solutions to meet the evolving needs of the deepwater and ultra-deepwater energy industry in domestic and select foreign locations. Throughout our history, we have expanded our fleet of vessels primarily through a series of new vessel construction programs, as well as through acquisitions of existing vessels. We maintain our headquarters at 103 Northpark Boulevard, Covington, Louisiana, 70433; our telephone number is (985) 727-2000.

We own and operate one of the youngest and largest fleets of U.S.-flagged, new generation OSVs and MPSVs. In late 2011, we commenced our fifth OSV newbuild program, which also includes the construction of MPSVs. Since that time, we have grown our new generation fleet from 51 OSVs and four MPSVs to 66 OSVs and eight MPSVs. Upon completion of the last two vessels to be delivered under this newbuild program, our expected fleet will be comprised of 66 OSVs and ten MPSVs. Together, these vessels support the deep-well, deepwater and ultra-deepwater activities of the offshore oil and gas industry. Such activities include oil and gas exploration, field development, production, construction, installation, IRM, well-stimulation and other enhanced oil recovery activities. We have also developed a specialized application of our new generation OSVs for use by the U.S. military. Our new generation OSVs and MPSVs have enhanced capabilities that allow us to more effectively support the premium drilling and installation equipment and facilities required for the offshore deep-well, deepwater and ultra-deepwater energy industry. We are one of the top two operators of domestic high-spec new generation OSVs and MPSVs and one of the top three operators of such equipment worldwide, based on DWT. Our fleet is among the youngest in the industry, with a weighted-average age, based on DWT, of nine years.

While we have historically operated our vessels predominately in the U.S. GoM, we have diversified our market presence and now operate in three core geographic markets: the GoM, Mexico and Brazil. In addition to our core markets, we frequently operate in other foreign regions on a project or term charter basis. We have recently operated in the Middle East, the Mediterranean Sea, the Black Sea and in other locations in Latin America, including Nicaragua, Guyana, Trinidad and Argentina. We have further diversified by providing specialized vessel solutions to non-oilfield customers, such as the United States military as well as oceanographic research and other customers that utilize sophisticated marine platforms in their operations. In addition, we have provided vessel management services for other vessel owners, such as crewing, daily operational management and maintenance activities. We also operate a shore-base support facility located in Port Fourchon, Louisiana. See "Item 2-Properties" for a listing of our shoreside support facilities.

Although all of our vessels are physically capable of operating in both domestic and international waters, approximately 76% are qualified under Section 27 of the Merchant Marine Act of 1920, as amended, or the Jones Act, to engage in the U.S. coastwise trade. The two remaining vessels being constructed under our fifth OSV newbuild program are also expected to be eligible for Jones Act coastwise trading privileges. Foreign owned, flagged, built or crewed vessels are restricted in their ability to conduct U.S. coastwise trade and are typically excluded from such trade in the GoM. Of the public company OSV peer group, we own the largest fleet of Jones Act-qualified, new generation OSVs and MPSVs, which we believe offers us a competitive advantage in the GoM. From time to time, we may elect to reflag certain of our vessels to the flag of another nation. We have reflagged 14 Jones Act-qualified OSVs and one Vanuatu-flagged MPSV to Mexican and other flags, including one OSV under Brazilian registry. We believe we currently own and operate one of the youngest and largest fleets of Mexican-flagged new generation OSVs and MPSVs. Once a Jones Act-qualified vessel is reflagged or a new vessel is foreign flagged, it permanently loses the right to engage in U.S. coastwise trade.



We intend to continue our efforts through up cycles and down cycles to maximize stockholder value through our long-term return-oriented growth strategy. We will, as opportunities arise, acquire or construct additional vessels, as well

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as divest certain assets that we consider to be non-core or otherwise not in line with our long-term strategy or prevailing industry trends.

### DESCRIPTION OF OUR BUSINESS

#### The Deepwater Offshore Energy Industry

The modern quest to explore for and produce energy resources located offshore began in the 1940s. While these offshore operations began in shallow waters, relatively close to shore, technological advances have permitted them to migrate to ever deeper waters and well depths. Until the late 1970s, most offshore activity was technologically and logistically restricted to that which was accessible on the continental shelf, or waters of up to about 500 feet of depth. Since that time, a number of advances have opened drilling regions in deepwater. The initial push into deeper waters was facilitated through the development of “floating” drilling units that could be positioned over a drilling site without being fixed to the seafloor. Petrobras pioneered these techniques in Brazil beginning in the late 1970s as it lacked an accessible “shallow water” continental shelf. The first deepwater project in the United States Gulf of Mexico was completed in 1993 in nearly 3,000 feet of water by Shell Oil Company. That Shell facility produced a then unheard of 46,000 barrels per day from a reservoir tapped at 25,000 feet. Today, exploration and production activities have pushed into the ultra-deepwater, where wells are routinely drilled in water depths of more than 8,000 feet, the deepest having been drilled in approximately 10,000 feet of water.

In addition to the ability to operate in very deep water, technological advances have also allowed hydrocarbon resources to be detected, drilled for and produced at extreme well depths. “Pre-salt” discoveries in Brazil are being drilled and produced in waters exceeding 5,000 feet and at well depths of more than 35,000 feet. In 2014, Chevron announced first oil from its Jack/St. Malo facility in the GoM, which is expected to produce previously undetectable lower tertiary hydrocarbons at a rate of 94,000 barrels per day from deposits more than 20,000 feet below the seabed situated in 7,000 feet of water. In addition to contending with extreme deepwater and deep well depths, these projects present challenges involving high temperatures and pressures within reservoirs and the associated difficulties of safely bringing those resources to the surface and then transporting them to shoreside locations. Despite these challenges, today deepwater production accounts for approximately 86% of all offshore production in the United States. The GoM production is expected to account for 16% and 17% of total forecast U.S. crude oil production in 2019 and 2020, respectively.

#### Deepwater Regions

The energy industry has had success in many deepwater regions throughout the world. Deepwater drilling efforts are underway in the Mediterranean Sea, the Indian Ocean and Asia. However, the so-called “golden triangle” of deepwater activity is comprised of deposits found offshore West Africa, the Eastern coast of South America - dominated by Brazil and more recently, Guyana - and the GoM. Our core markets are the U.S. GoM, Mexico and Brazil.

As large international oil companies were pushed out of participating in many regions of the world by national oil companies intent upon retaining for themselves the economic benefits of national exploitation, the deepwater GoM grew in significance. The deepwater GoM is among the most abundant hydrocarbon regions in the world. Political stability in the United States and accessibility of deepwater lease blocks allows major oil companies to plan, execute and finance the significant long-term commitments that deepwater success requires. While the scale and complexity associated with deepwater projects is considerable, the significant size of the resource discoveries allows companies to replenish reserves on a large scale from relatively few projects. Unlike most onshore exploration and production projects, deepwater projects require long-lead times to plan and execute, but also enjoy long production lives once online. For instance, the first exploratory wells at the Jack/St. Malo fields were drilled in 2003 and 2004 and first oil was not produced until 2014. Now online, Chevron projects that the Jack/St. Malo fields are expected to produce an estimated 500 million oil equivalent barrels over 30 years. Consequently, short term fluctuations in oil and gas prices typically do not have the same impact on sanctioned deepwater projects as such fluctuations may have on other onshore and continental shelf projects. As a result of the severity and length of current on-going commodity price declines, some previously sanctioned deepwater projects have, nevertheless, been deferred and the pace of newly sanctioned projects in the deepwater GoM has slowed considerably since 2015.

Emerging opportunities for the deepwater offshore energy industry are presented by recent changes in Mexico and Brazil, two of our core markets, which have both recently expanded access to their deepwater regions to foreign

operators. In December 2013, the Mexican congress ended PEMEX's 75 year-old monopoly on drilling activities in Mexico and voted in favor of allowing the government to grant contracts and licenses for exploration and production of oil and gas to foreign firms, which previously had been prohibited under Mexico's constitution. In December 2016, Mexico

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conducted its first ever deepwater auctions, which drew bids from several major integrated oil companies, as well as several independent oil companies on 10 deepwater opportunities. In January 2018, Mexico completed a second round of deepwater auctions, awarding 19 of 29 deepwater blocks. In 2018, companies began exploration activities on the deepwater blocks that were awarded.

Brazil, through its state-owned national oil company, Petrobras, has been a pioneer in deepwater drilling and remains a dominant player in the global deepwater energy industry. Petrobras claims approximately 9.7 billion barrels of proven deepwater and ultra-deepwater resources, the vast majority of which are located in pre-salt formations, which were the driving force behind an ambitious national plan to dramatically increase production by 2023 to 3.4 million barrels per day. These plans were sidelined by declines in the price of oil combined with a wide reaching corruption probe involving Petrobras. In light of these difficulties being experienced by Petrobras, in 2016, the Brazilian Congress determined to re-open the vast Brazilian pre-salt regions to foreign operators. Brazil hosted multiple rounds of deepwater auctions for pre-salt oil blocks in 2018 with an additional auction scheduled to be held in November 2019.

The Subsea Oilfield

Deepwater successes have driven further innovation around the infrastructure required to produce and transport ashore the abundant resources that have been discovered. In shallower regions, once hydrocarbons are discovered, they are typically produced by installing a fixed platform over the well site onto which are installed all of the equipment and infrastructure necessary to produce the hydrocarbons and move them ashore through pipelines. Platforms also provide a locale from which well maintenance and similar activities can be performed. The size, pressures, temperatures and water depths of deepwater hydrocarbon deposits require enormous amounts of infrastructure to develop, produce and maintain their wells. These challenges have pushed the development of technologies to allow infrastructure to be placed directly onto the seafloor, as opposed to a fixed platform. The process of building out this subsea oilfield requires the use of vessels to transport infrastructure to location, install infrastructure to subsea points and inspect, repair and maintain it throughout the multi-decade life of the field. When hydrocarbons are brought to the surface, they are gathered from multiple subsea locations through pipelines to a single deepwater floating "top-side" production facility. These "top-side" production facilities take years to design, engineer, transport, install and, often, cost billions of dollars and represent a significant source of demand for vessel services during their installation and commissioning. More recently, deepwater producers have capitalized on their existing deepwater infrastructure to gain efficiencies through the use of so-called "tie-backs". A tie-back allows a deepwater well to be produced without having to install a new top-side facility by "tying the well back" to a near-by existing top-side facility accessible to the well location. Tie-backs require the installation of subsea infrastructure to connect the well to the remote "top-side" facility.

Depiction of a GoM Subsea Deepwater Oilfield

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OSVs

OSVs primarily serve exploratory and developmental drilling rigs and production facilities and support offshore and subsea construction, installation, IRM and decommissioning activities. OSVs differ from other ships primarily due to their cargo-carrying flexibility and capacity. In addition to transporting deck cargo, such as pipe or drummed material and equipment, OSVs also transport liquid mud, potable and drilling water, diesel fuel, dry bulk cement and personnel between shore-bases and offshore rigs and production facilities. Deepwater environments require OSVs with capabilities that allow them to more effectively support drilling and related subsea construction projects that occur far from shore, in deepwater and increasingly at extreme well depths. In order to best serve these projects, we have designed our various classes of new generation vessels in a manner that seeks to maximize their liquid mud and dry bulk cement capacities, as well as their larger areas of open deck space. Deepwater operations also require vessels having dynamic positioning, or anchorless station-keeping capability, driven primarily by safety concerns that preclude vessels from physically mooring to floating deepwater installations. DP systems have experienced steady increases in technology over time with the highest DP rating currently being DP-3. The number following the DP notation generally indicates the degree of redundancy built into the vessel's systems and the range of usefulness of the vessel in deepwater construction and subsea operations. Higher numbers represent greater DP capabilities. Today, deepwater drilling operations in the GoM overwhelmingly prefer a DP-2 notation and a vessel with 2,500 DWT capacity or greater. We consider these vessels to be high-spec new generation OSVs. Currently, 59 of our vessels are DP-2 and two are DP-3. The two remaining MPSVs contracted to be constructed under our fifth newbuild program are expected to be DP-2. Ultra-deepwater projects, which occur in waters of greater than 5,000 feet, are driving a need for DP-2 vessels with very large capacities. The distance of these projects from shore, together with their water and well depths dictate the use of massive volumes of bulk drilling materials and related supplies. The OSVs that have been delivered as part of our fifth OSV newbuild program are among the largest in the world. With DWT capacities of 5,500 DWT to 6,200 DWT, we believe these ultra high-spec vessels provide our ultra-deepwater drilling customers vessel solutions that help them to maximize efficiencies and improve the logistical challenges prevalent in their projects.

Vessels that do not carry at least a DP-2 notation or have less than 2,500 DWT capacity typically operate in more shallow U.S. waters or in foreign locations in which DP-2 has not yet emerged as the dominant standard. Currently, 18 of our vessels are low-spec, comprising 13% of our fleet by DWT. The remaining 87% of our fleet is considered high-spec, including roughly 60% of our overall fleet that is ultra high-spec.

Two ultra high-spec HOSMAX OSVs

MPSVs

MPSVs also support the deepwater activities of the energy industry. MPSVs are distinguished from OSVs in that they are more specialized and often significantly larger vessels that are principally used for IRM activities, such as the subsea installation of well heads, risers, jumpers, umbilicals and other equipment placed on the seafloor. MPSVs are also utilized in connection with the setting of pipelines, the commissioning and de-commissioning of offshore facilities, the maintenance and/or repair of subsea equipment and the intervention of such wells, well testing and flow-back operations and other sophisticated deepwater operations. To perform these various functions, MPSVs are or can be equipped with a variety of lifting and deployment systems, including large capacity cranes, winches or reel systems, well intervention equipment, ROVs and accommodation facilities. The typical MPSV is outfitted with one or more deepwater cranes

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employing active heave compensation technology, one or more ROVs, a helideck and expansive accommodations for the offshore crew, including customer personnel. MPSVs can also be outfitted as a flotel to provide accommodations to large numbers of offshore construction and technical personnel involved in large-scale offshore projects, such as the commissioning of a floating offshore production facility. When in a flotel mode, the MPSV provides living quarters for third-party personnel, catering, laundry, medical services, recreational facilities, offices and as a helicopter heliport for the embarkation and disembarkation of offshore personnel. In addition, flotels coordinate and help to provide the facilities necessary for the offshore workers being accommodated to safely move from the vessel to other offshore structures being supported through the use of articulated gangways that allow personnel to "walk to work." Generally, MPSVs command higher dayrates than OSVs due to their significantly larger relative size and versatility, as well as higher construction and operating costs.

370 class MPSVs

We have devised MPSVs that, in addition to the array of services described above, are also capable of being utilized to transport deck or bulk cargoes in capacities exceeding most other new generation OSVs. We own and operate two proprietary 370 class DP-2 new generation MPSVs with such capabilities. These MPSVs have approximately double the deadweight and three times the liquid mud barrel-capacity of one of our 265 class new generation OSVs and more than four times the liquid mud barrel-capacity of one of our 240 class new generation OSVs. Moreover, with their large tanks, these MPSVs have assisted in large volume deepwater well testing and flow-back operations, as well as supporting large drilling operations in remote or harsh conditions. Both of our 370 class MPSVs uniquely have certifications by the USCG that permit Jones Act-qualified operations as a supply vessel, industrial/construction vessel and as a petroleum and chemical tanker under subchapters "L", "I", "D", and "O", respectively. We believe that these vessels are not only the largest supply vessels in the world, but are also the only vessels in the world to have received all four of these certifications.

400 class and 310 class MPSVs

Until recently, due to a lack of Jones Act-qualified MPSVs, many customers would charter an OSV to carry equipment to location, which was then installed by a foreign flag MPSV. By eliminating the need for two vessels, we believe our customers will improve efficiencies and mitigate operational risks. Our Jones Act-qualified MPSVs are equipped with a heave-compensated knuckle-boom crane, helideck, accommodations for approximately 90-100 persons and are suitable for two or more work-class ROVs. Moreover, our Jones Act-qualified MPSVs are also equipped with below-deck cargo tanks, allowing them to expand their mission utility to include services more typically provided by OSVs.

We expect to take delivery of two 400 class MPSVs in the second and third quarters of 2020. Because our 400 class and 310 class MPSVs are Jones Act-qualified, we expect that they will enable our customers to transport equipment from shore to the installation site to be installed by the MPSV without needing to use a second (domestic) vessel for transport like foreign-flagged MPSVs are required to do. We believe that, once delivered, the 400 class MPSVs will be the largest and most capable Jones Act-qualified MPSVs available in the market.

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Rendering of Planned HOS 400' Class MPSV

In April 2015, we also outfitted one of our 310 class OSVs that was placed in service under our ongoing newbuild program as a 310 class MPSV in flotel configuration. This U.S.-flagged, Jones Act-qualified MPSV includes a 35-ton knuckle-boom crane, a motion-compensated gangway and accommodations for 194 persons. Being Jones Act-qualified gives it mission flexibility that foreign flag flotels lack in the GoM.

430 class

We also operate the HOS Iron Horse and HOS Achiever, which are 430 class DP-3 new generation MPSVs. A DP-3 notation requires greater vessel and ship-system redundancies. DP-3 systems also include separate vessel compartments with fire-retardant walls for generators, prime movers, switchboards and most other DP components. These 430 class MPSVs are designed to handle a variety of global offshore energy applications, many of which are not dependent on the exploratory rig count. They are excellent platforms for those specialty services described above for our 400 and 310 class MPSVs with the exception of handling liquid cargoes. The HOS Iron Horse and the HOS Achiever are not U.S.-flagged vessels, however, they can engage in certain legally permissible operations in the U.S. that do not constitute coastwise trade. The HOS Achiever is currently configured as a flotel with accommodations for up to 270 personnel onboard, including the vessel's marine crew, hotel and catering staff. These accommodations allow this vessel to support the commissioning of deepwater installations around the world. Because flotel services do not typically involve the coastwise transportation of passengers, foreign-flag vessels, such as our 430 class MPSVs, can provide this service in the U.S. We recently placed the HOS Iron Horse into Mexican registry through our Mexican affiliate. We believe that the HOS Iron Horse is among the most sophisticated MPSVs in Mexican registry and will be a highly capable asset serving the growing Mexican market.

We believe that our reputation for safety and technologically superior vessels, combined with our size and scale in certain core markets relative to our public company OSV peer group, enhance our ability to compete for work awarded by major oil companies, independent oil companies, national oil companies and the U.S. government, who are among our primary customers. These customers demand a high level of safety and technological advancements to meet the more stringent regulatory standards in the GoM. As our customers' needs and requirements become more demanding, we expect that smaller vessel operators may struggle to meet these standards.

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The following table provides information, as of February 13, 2019, regarding our owned fleet of 66 new generation OSVs, eight MPSVs and two MPSVs yet to be delivered under our fifth OSV newbuild program, as well as our managed fleet of four new generation OSVs that serve the U.S. Navy.

## Our Vessels

Name	Design	Current Service Function	Current Location	In-Service Date	Deadweight (long tons)	Liquid Mud Capacity (barrels)	Total Horsepower	DP Class <sup>(1)</sup>
OWNED								
VESSELS:								
MPSVs								
HOS Iron Horse	430	Multi-Purpose (FF)	Mexico	Nov 2009	6,345	n/a	8,050	DP-3
HOS Achiever	430	Multi-Purpose (FF)	Brazil	Oct 2008	5,096	n/a	8,050	DP-3
HOS Warhorse	400 ES	Multi-Purpose	TBD	2Q2020 est. <sup>(2)</sup>				