

built on trust™



U.S. WINDFARM SOV
VARD 4 07

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Key Facts

Crew | 20
Medic | 1
Client | 40*
**Optional 60*

Dimensions | ---



Performance

ABS DPS-2
Max Speed | ~13 knots
Transit Speed | 10 knots
Endurance | 30 days



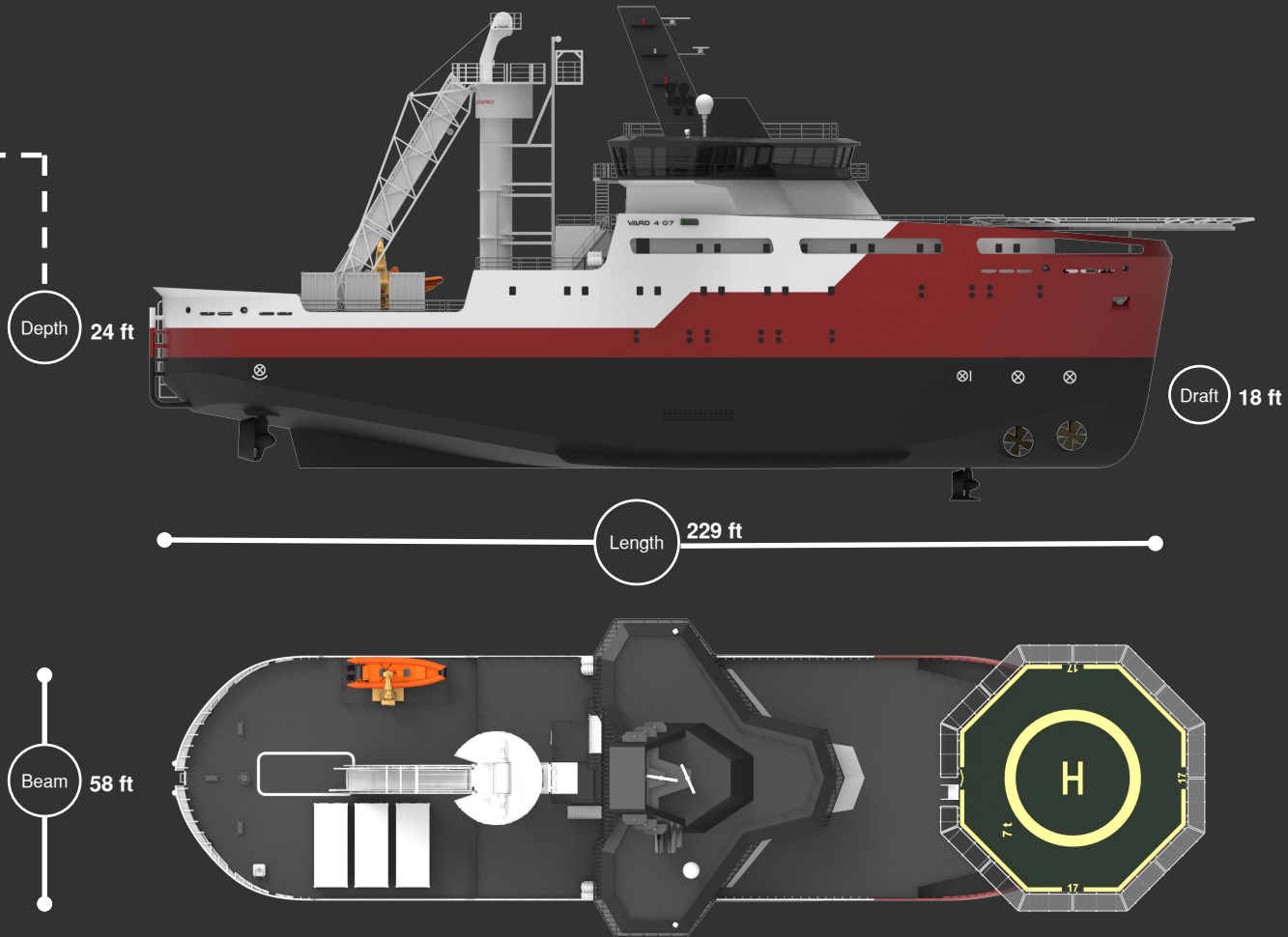
Propulsion Machinery

Main Generators | 3 x 1,700 ekW
Energy Storage | 745 kW-hr



Auxiliary Machinery

Azimuthing Propulsors | 2 x 1350 kW
Tunnel Thrusters | 2 x 1250 kW
Retractable Thruster | 1 x 880 kW



COMFORTABLE.

CAPABLE CLEAN



Centralized Layout

Main Deck serves as hub for primary leisure and hospitality spaces



Optimized Workflows

Arranged to ensure simplified and efficient flow paths exist for clients and crew on board



Public Spaces

Lounge, office, service & recreation spaces arranged to enhance comfort and morale



Stowage

Expansive warehouse, storerooms, and space on deck - all with easy access to gangway and crane



Berthing

Single cabins with dedicated ensembles for all embarked personnel located strategically to minimize cabin noise



Growth Potential

Provisions for additional berthing and lifesaving equipment enable future growth opportunities

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COMFORTABLE
CAPABLE.
CLEAN



***Helideck
(Optional)**
17 m D-value,
7 t load rated



Enhanced Station Keeping
ABS DPS-2 propulsion system
giving operability in 3.0 m Hs,
20 m/s wind, and 1 m/s current



Hull Form
Optimized to balance build
simplicity without
compromising
performance



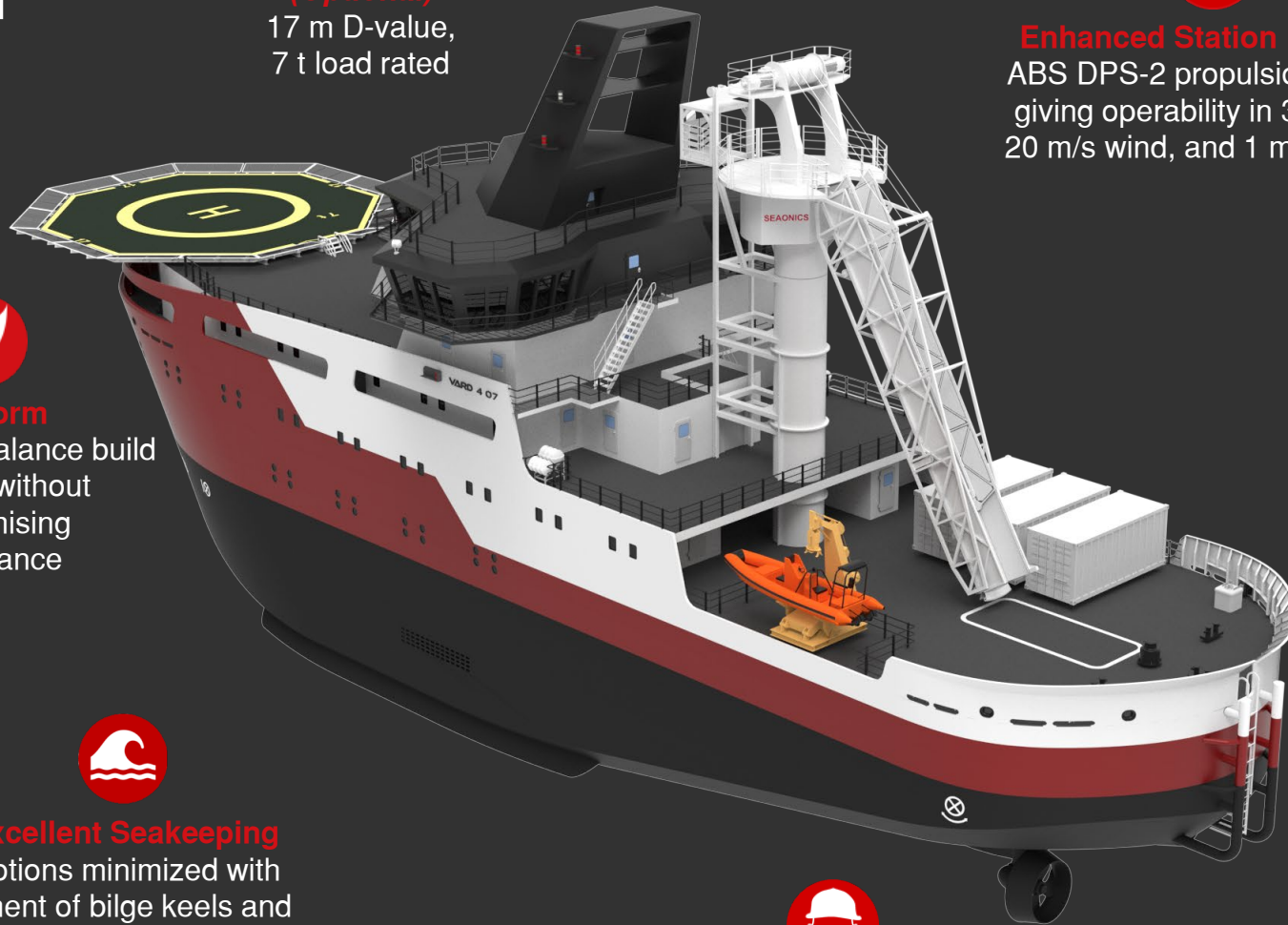
Wave-Breaking Stern
High-deadrise cruiser
form allows for stern
first DP operations



Excellent Seakeeping
Motions minimized with
fitment of bilge keels and
2x roll stabilization tanks



Extensive Working Deck
Large clear area served by 3D
gangway/crane with access to containers,
and stern landing



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Emissions

EPA Tier 4 engines provide reduced NOx and CO2 emissions



Future Proofing

Future technology spaces allocated to ensure decarbonization can be achieved within current platform



Phased Approach to Full Decarbonization

Multi-phase plan developed; each successive stage adds emission-free capability



Propulsion System

Balances trade-off between increased operability and reduced emissions



Energy Storage System

745 kW-hr ESS provides peak shaving capability, spinning reserve



Fuel Efficiency

Flexibility from the hybrid diesel-electric system to enable optimum engine loading



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