NDS-95 AHTS

Anchor Handling Tug Supply Vessel

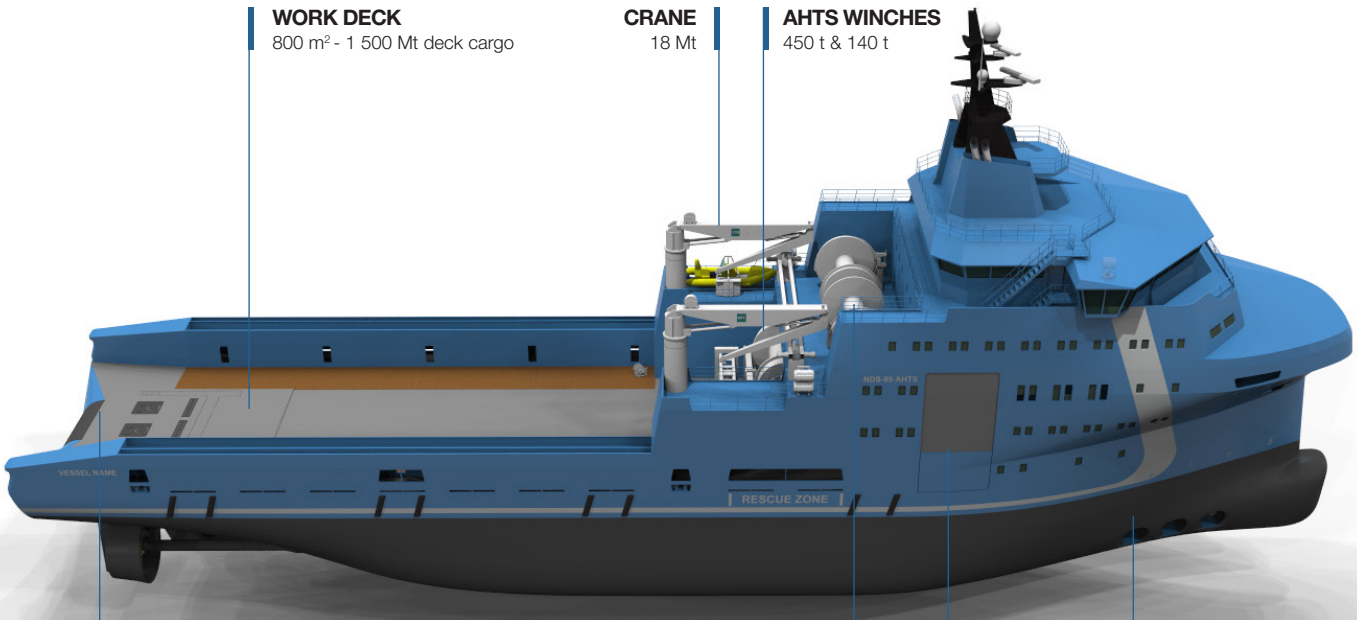
REDEFINING THE AHTS VESSEL

The design brief for the **NDS-95 AHTS** was to redefine the operational requirements for AHTS vessels and to focus on the core characteristics. In a market that has allowed increasingly costly and overequipped vessels to operate over the past decade, we wanted to bring the AHTS vessel back to what it should be - basically a pick-up truck in a market filled with SUVs.

Key characteristics are:

+ High capacity Anchor Handling Tug Supply vessel
+ Configured for generic AHTS operations
+ Hull designed for slow speed operations / maneuvering / towing and efficient transit speed with the Becker Steerable Nozzle
+ Efficient hull and build process along with latest propulsion technology allows for market leading OPEX/CAPEX.
+ 95 m LOA, 220t Bollard Pull, 16 000 kW
+ ROV Hangar
+ Future options include A-Frame, Moonpool, AHC crane

OVERVIEW >



WORK DECK
800 m² - 1 500 Mt deck cargo

CRANE
18 Mt

AHTS WINCHES
450 t & 140 t

STERN ROLLER / AHTS SYS.
For deck recovery/deployment

SPOOLING WINCHES

ROV HANGAR

OPTIMIZED HULL
Low fuel burn and motions

NAVAL DYNAMICS
marine engineering + naval architecture

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SPECIFICATION >

DESIGN: Naval Dynamics AS NDS-95 AHTS

TYPE: Anchor Handling Tug Supply Vessel

CLASS NOTATION: ABS ✠ A1 / OFFSHORE SUPPORT VESSEL (AH, TOWING, SUPPLY) / E / ✠ AMS / ✠ DPS-2 / ✠ ACCU / HL (2.8) / HDC (7.5T/M², FR.-5 TO 70) / BWT / UWILD

MAIN DIMENSIONS:	
Length overall (LOA):	95.00 m
Length waterline (LWL):	94.90 m
Beam maximum:	22.00 m
Draft to keel MD:	9.60 m
Draft Design:	5.80 m
Draft max:	7.20 m

TECHNICAL SPECIFICATION:	
Propulsion:	2 x 4 640 kW
	2 x 3 360 kW
Thrusters:	5 x 1 190 kW / three front - two aft
Speed:	15.00 kts
Deck Cargo:	1 500 Mt

PRELIMINARY CAPACITIES:	
MDO:	1 380 m³
Chain locker:	600 m³
Fresh water:	1 000 m³
SWB / Tech water:	2 600 m³
Mud / Brine:	640 m³
Dry bulk:	320 m³

Naval Dynamics AS specializes in engineering solutions and concept development for the offshore- and shipping industry. Through high-end development work and engineering experience we provide services for the offshore and shipping sector as well as concepts within new market segments such as renewable energy sources and the associated offshore service industry. Over the past years our business has expanded to include designs for offshore market segments such as heavy lifting, offshore service vessels and semi-submersible rigs, as well as various engineering services for clients all over the world.

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