

ADAMS CHALLENGE

280-Foot DP-2 Dive Support Vessel with 1,000-Foot SAT System



Flag	United Kingdom
IMO	9407249
Built	2009/Spain

DIMENSIONS

Registry length	256 feet (78 meters)
LOA	280 feet (85.3 meters)
Beam	59 feet (18 meters)
Draft	19 feet (5.8 meters)
Clear deck space	5,489 square feet (510 square meters), excluding forward mezzanine deck
Deck loading	1,040 lbs/square feet (5077 kgs/square meters)
Moon Pool	9 feet (2.7 meters) midship - pivot point

CAPACITIES

Potable water	70,000 gallons
Water maker	5,285 gallons per day
Fuel	325,000 gallons

SPEED

Service	14 knots
Economical	10 knots

ACCOMMODATIONS

28 Crew
70 Additional Berths
2 Hospital berths

SHIP SAFETY

ABS Classed, in full SOLAS compliance
ABS+A1, Circle E, +AMS, +DP-2
Meets U.S.C.G. requirements to operate in U.S. waters

MARINE EQUIPMENT

Main engines	(4) Wartsila 8L26 medium speed in line marine diesel engines (2,600 kW) fitted with marine alternators (2,498 kW)
Azimuth units	(2) Wartsila/LIPS steerable thrusters rated at 2,450 kW
Azimuth units - bow	(1) Wartsila/LIPS steerable thruster rated at 1,000 kW
Tunnel thrusters	(2) Wartsila/LIPS tunnel thrusters rated at 990 kW

DIVING EQUIPMENT

- (1) Control container with DDC pressure
- (2) Twin lock living chambers (1,000 fsw)
- (1) Hyperbaric rescue chamber (1,000 fsw)
- (1) 3-Man diving bell (1,000 fsw)
- (1) Launch and recovery system
- (2) Dive and saturation control stations
- (1) Below decks gas storage in kelly tubes

DYNAMIC POSITIONING SYSTEM

Simrad-Kongsberg dual redundant dynamic position system
SDP21

HELIDECK

Alloy helideck conforming to CAA CAP437 guidelines, above and forward on bridge

DECK CRANE

(1) Electric hydraulic deck crane complete with active heave compensation and static working load of:
100 metric tons (112 standard tons) at 25 feet in twin line operations;
in single line operations hook travel is 2,000 feet with static safe working load of 50 metric tons (66 standard tons) at 30 feet



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