

"On a Mission to Incident and Injury Free"

KESTREL

DP Saturation Diving Vessel



VESSEL IDENTIFICATION

Port of registry	Port Vila
Flag	Vanuatu
Class	ABS

ACCOMMODATIONS

Berths	80
--------	----

DIMENSIONS

Overall length	323.22 ft
Beam	82 ft
Max. speed	8 knots
Service speed	7 knots
Displacement	11,123.2 T
Operating draft	17.46 ft
Clear deck area	12,916 ft ²
Deck load	10 T/m ² fwd fr.41 5 T/m ² aft fr.41
Gross tonnage	4,604 T
Net tonnage	1,381 T
Power supply total	7,080 kW

CAPACITIES

Fuel oil	384,700 USG
Fresh water	207,900 USG
Fresh water plant	35 T/day
Lube oil	12,150 USG
Bollard pull	52 T sustained

DYNAMIC POSITIONING (DP) SYSTEM

Kongsberg K-POS 21	Dual-redundant DP control system
Kongsberg K-POS 11	Single DP control system
Reference system	
	2 x Taut wires
	2 x Hydro acoustic positioning systems
	1 x Radio reference systems (radius)
	4 x DGPS
	3 x Gyros compasses
	3 x Motion reference units
	3 x Wind sensors
	1 x Fan beam

MAIN PROPULSION AND THRUSTERS

Type	Self-propelled, DP
Stern thrusters	2 x 1500 kW Azimuth Ulstein type TCN 92
Design	Variable pitch

HELIDECK

Max load	20,525 lbs.
----------	-------------

CRANES

Main (Stern) Liebherr	150 T
Fast line	10 T
Auxiliary (Starboard) hydraulic constant tension, deepwater	40 T

SATURATION DIVING SYSTEM

Lloyds Class + 100A1, 18 person, dive system with hyperbaric lifeboat	
Depth rating	1,000 ft
USCG depth rating	875 ft

LIFEBOATS/LIFE-RAFTS

2 x 80 Person totally enclosed diesel driven lifeboats
6 x 25 person Viking life-rafts
2 x 20 person life-rafts
1 x 18 person hyperbaric lifeboat

ROV SYSTEM

1 x ST-02 work class - 10,000 fsw rating
1 x XLS work class - 10,000 fsw rating



Cal Dive International, Inc.
Corporate Office
2500 CityWest Blvd., Suite 2200
Houston, Texas 77042
877-361-2600
www.caldive.com