

CANPAC MARINE SERVICES INC.

M/V CANPAC VALOUR 50 Meter DP Multi-purpose Support and Subsea Vessel



The Canadian flagged, Canpac Valour, is a specially designed multipurpose vessel ideally suited for Offshore, Subsea, Submarine Cable, Renewable Energy, Research, AUV, ROV, Sonar, Oil Spill Response, Salvage and Inspection, Repairs and Maintenance of underwater assets.

The 50 meter by 11 meter Valour is fitted with a Dynamic Positioning system able to control the position and heading of the vessel automatically balancing the environmental forces (wind waves, current etc.) while keeping the vessel on station.

The Canpac Valour has a open deck 30 meter long by 9 meter wide with a deck strength of 2.6 m2 able to carry 500 tons on deck. Designed for 12 or 24hr. operations the vessel is fitted with 20 berths and able to accommodate 14 personnel in addition to crew.

Canpac Marine has 40 years experience delivering marine services to the Canadian Pacific and is pleased to be able to include the Canpac Valour to it's fleet and to it's customers for expanded services and support programs.

We would be pleased to discuss how we can meet your project needs.

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www.canpacmarine.com

+1.604.984.8383

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HULL SPECIFICATIONS

LENGTH OVERALL	164 ft	50 m
LENGTH BP	154 ft	47 m
BEAM	36 ft	11 m
DEPTH	12 ft	4 m
LIGHT DRAFT	8 ft	2 m
LOADED DRAFT	10 ft	3 m
SUMMER FREEBOARD	2 ft	1 mm
LIGHTSHIP	460 LT	468 MT

CAPACITIES

DRILL WATER	50,000 USG	189 m ³
FUEL	40,000 USG	151 m ³
LIQUID MUD	2,150 BBLs	342 m ³
POTABLE WATER	8,400 BBLs	32 m ³
DEADWEIGHT	650 LT	662 MT

CARGO DECK

TONNAGE	500 LT	509 MT
LENGTH	110 ft	34 m
WIDTH	30 ft	9 m
CLEAR AREA	3,300 ft ²	307 m ²

TONNAGE

GRT	80 US Tons	498 Tons
NRT	0 US Tons	149 Tons

MACHINERY

MAIN ENGINES	2 CAT 3508 B
BRAKE HORSEPOWER	1900
REDUCTION GEARS	TD MG 6690-00SC
GEAR RATIO	3.21:1
PROPELLERS	HS HTB-4B 64x55
RUDDERS	Two Flat Plate yoked
AUXILIARY GENERATORS	2 Cummins 6CTA8.3-DM@ 150KW
BOW THRUSTER	450hp Tunnel
STERN THRUSTER	450hp Tunnel
LIQUID MUD CIRCULATION	Magnum 5x4x14

DISCHARGE RATES

DRILL WATER	400 USG/min @ 80 ft	91 m ³ /HR @ 24 m
POTABLE WATER	400 USG/min @ 80 ft	91 m ³ /HR @ 24 m
FUEL OIL	400 USG/min @ 80 ft	91 m ³ /HR @ 24 m
LIQUID MUD	700 USG/min @ 150 ft	159 m ³ /HR @ 46 m

ACCOMMODATIONS

CABINS/BERTHS	6/20
OFFICERS	2
CREW	2
MESS	10

ELECTRONICS & CONTROLS

DEPTH RECORDER	1
DP	DNV Approved KONGSBERG DPS-1
RADAR(S)	2
SSB	1
INTERNET, E-MAIL	GPRS EDGE, SkyMate
AUTOPILOT	KONGSBERG
INSTRUMENTATION	VHF, Gyro, Compass, Weather Fax

SPECIAL EQUIPMENT

EXTERNAL FIFI	1000 GPM
NUMBER OF MONITORS	1

DOCUMENTATION

CLASS	DNV DPS-1, DP1 A-1
FLAG	Canadian
YEAR BUILT	2006
OFFICIAL NUMBER	845018
BUILDER	Master Boat Builders Inc.

SPEED / FUEL CONSUMPTION

MAXIMUM SPEED	12 knots	
CRUISING SPEED	10 knots	
MAXIMUM FUEL CONSUMPTION	99 USG/Hr	9 m ³ /24 Hrs
CRUISING FUEL CONSUMPTION	77 USG/Hr	7 m ³ /24 Hrs
DYNAMIC POSITION FUEL CONSUMPTION	38.5 USG/Hr.	3.5 m ³ /24 Hrs

OPTIONAL EQUIPMENT AND SERVICES

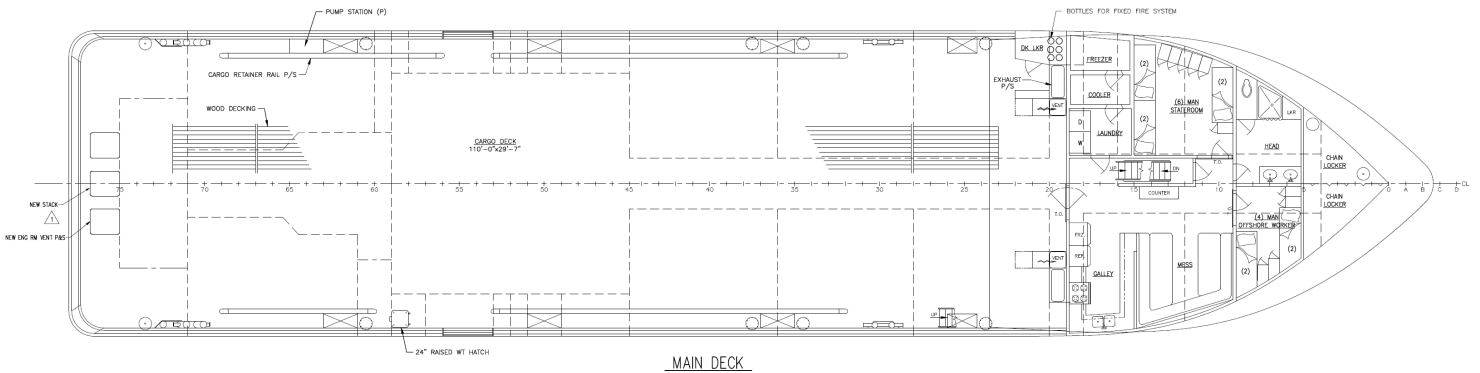
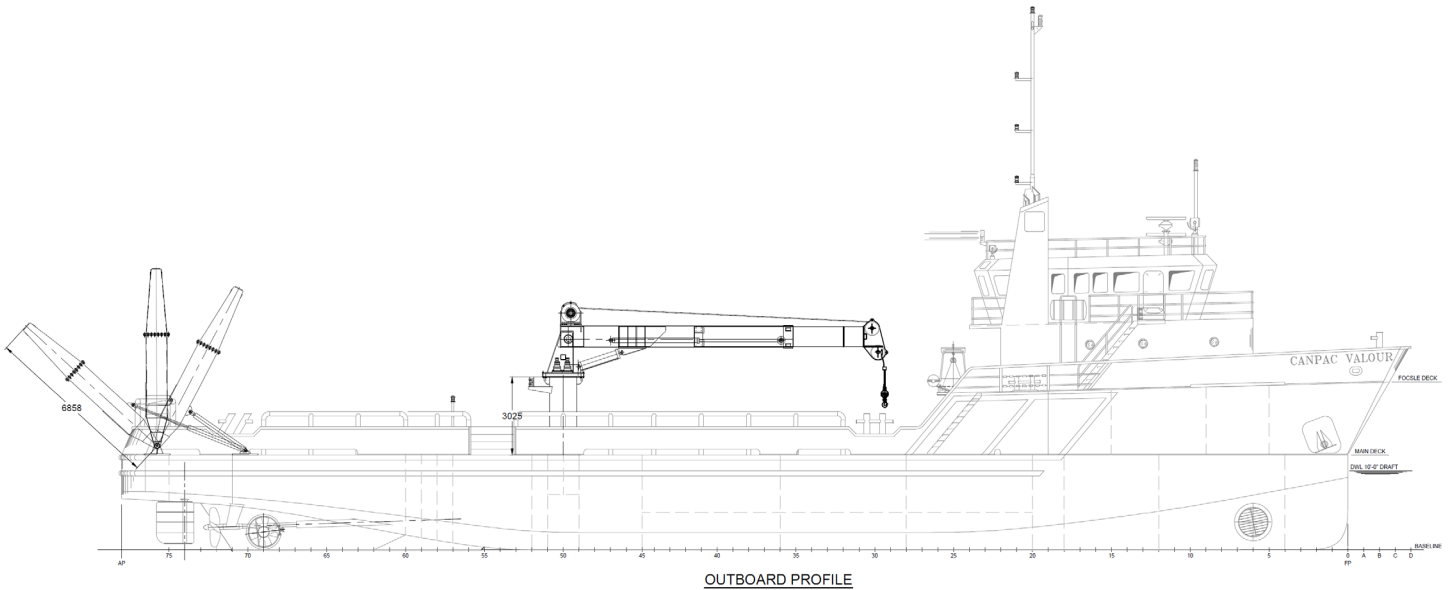
DECO Chamber	20' Conex with fully independent 54-inch DDC
Portable Dive Container	20' Conex, with HalcyonDive Systems gear for 4 Divers
Portable Deck Generator	150 Kw diesel, 460v, 60Hz, 3-phase w/Hubble 4100R7W cable connector
Mixed Gas Dive system	NITROX/TRIMIX Maker, Bauer HP Compressors, Boost pumps and Twin-tank/Rebreather support equipment
Observation and Work Class ROVs	Work Class Electro-Hydraulic ROV, (1000 meter working depth), Observation Class ROV, (300 meter working depth), Operations and Workshop containers, (8ft x 8ft x 20 ft, heated/air conditioned)
4-Point Anchoring System	In addition to DP1 positioning, Canpac Valour features a full 4-point anchoring system for up to 300 meters depth
Emergency Boat w/Davit	SOLAS 4m Emergency Boat with 40HP outboard

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