



CASTLE SEASPRINT



MAIN FEATURES

The Castle Seasprint is a versatile Platform Supply Vessel built in 2014.

It has a large free deck area of 700m² with plenty of space for crew during operations.

- **Length—75.0m**
- **Breadth—17.25m**
- **Deck Space—700m²**
- **Deck Loading—5.5t/m²**
- **Accommodation—48 Bunks**
- **Max Speed—Approx. 13 knots**



MAIN PARTICULARS

Type	DPII Platform Supply Vessel (PSV)
Built	2014
Flag	Cyprus
Classification	ABS,+A1, FFV1, OSR-C2, Offshore Support Vessel, SPS, Supply—HNLS, (E), + AMS, + ACCU, + DPS-2
Operation	World Wide
Endurance	28 days plus
Maximum Speed	About 13 knots

DIMENSIONS

Gross Tonnage	2948
Net Tonnage	913
Deadweight	3138.4t
Length Overall	75.0m
Breadth Moulded	17.25m
Depth to Main Deck	8.0m
Draft	6.5m
Freeboard max draft	1.5m
Minimum water depth	8m (DP operations in calm sea conditions)

DECK EQUIPMENT

Deck Load	1200 t - 5.5 t/m ²
Deck Area	700 m ² Clear Deck (48.62x 14.4 m)
Deck crane	7.5t @ 10m
Tugger winch	2 x 10t
Capstan	2 x 10t
Fast Rescue Craft	Seabear 23 MKII (Capacity 10pax)
Cascade Breathing Air System	4 x 12 persons manifold. 1 x 8 Cylinder Rack
H2S / LEL Detection System	Available
Electrical Power on Deck	415V / 230V / 50Hz

TANK CAPACITIES & DISCHARGE RATES

Marine Diesel	765.7m ³ 2 pumps @ 150 m ³ / hour each @ 80 m head
Fresh Water (water maker 2 x 10T/day)	546.4m ³ 1 pump @ 100 m ³ / hour each @ 85 m head
Ballast / Drill Water	1521.3 1 pump @ 100 m ³ / hour each @ 80 m head
Liquid Mud / Brine (MEG) (SG 2.8)	739.4m ³ 2 pumps @ 75 m ³ / hour each @ 90 m head
Dry Bulk	226m ³ (4 tanks) 2 Air Compressors Capacity 20 m ³ / hour @ 80 psi
Foam	12.7m ³
Dispersant	12.7m ³
Mud Agitators	Hydraulic driven submerged agitators in mud tanks

DP SYSTEM

DP System	Kongsberg K-POS
Notation	DPS- 2
Portable Joystick	Kongsberg C-Joy
Reference systems	2 x DGPS 1 x Laser Beam reference system 1 x RADIUS 1000
Gyros	3 x Anschutz 110 -233
HiPAP	HIPAP 501

PROPULSION & MACHINERY

Main Engines	2 x Nigata 8L28HX 2206 KW each
Main propellers	2 x Nigata ZP-41 Azimuth Thrusters 2206 KW each
Auxiliary Generators	3 x 450 kW Caterpillar C18 plus 2 Shaft Generators 1000 kw each
Emergency Generator	1 x 80 kW Caterpillar C6.4
Bow Thrusters	2 x 650 kW Schottel STT 2 CP Electric driven



NAVIGATION

Radars	1 x X-Band Furuno RSB-096 and 1 x S Band Furuno RSB-098
AIS	Furuno FA-150
Gyro Compass	3 x Anschutz 110 –233
Auto Pilot	Anschutz
ECDIS	Transas Dual ECDIS RS6C
Echosounder	Furuno FE-700
Speed Log	Furuno DS 80

COMMUNICATION

Primary	Fleet BB
Secondary	Iridium Open Port
GMDSS	GMDSS A1, A2 and A3

FIRE FIGHTING EQUIPMENT

Fi-Fi Class	ABS Fi-Fi Class 1
Pumps	2 x 1790 m ³ /hour
Monitors	2 X 1200 m ³ /hour
Dispersion System	2 x 6 m Spray booms

ACCOMMODATION

Total	48 bunks
Accommodation	
Other Facilities	Hospital Room

All information in this brochure is believed to be a correct representation of the vessel and its capacity at the time of printing. As the purpose of this brochure is for general information only, we will not make any warranties about its accuracy.



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