# **VERITAS PEARL**

# **GENERAL DESCRIPTION**

An ultra-shallow draft self-elevating platform. Of modular construction, configured for diving and seabed levelling operations; with catered accommodation for 20 persons and half of deck available for client equipment.



### PARTICULARS

Туре
Flag
Port of Registry
IMO NUMBER
Registration No.
<b>Classification Society</b>

Navigation/ Class Notation

MMSI Call Sign Year of Build

Place of Build

**Towing Speed** 

Endurance

**Fuel Consumption** 

PERFORMANCE

Kazakhstan Aktau 8770003 0631PC Kazakhstan Register of Shipping (KZR) \*O-PR 2.0 (KZR) North of parallel 44°551 Coastal area 20NM, wave height 2.0m Flat platform \*100 A5 K(20 (GL) No restrictions. Sailing on propulsion units is allowed within port and offshore facilities. In winter, towing is allowed northward 44th parallel of Caspian Sea, subject to mandatory icebreaking support. 436000133 USC 2006 pontoons (Netherland) 2007 assembled (Bautino, KZ) Netherlands, Hull No. Combifloat 73, GL Registration No. 214637 Class +100 A5K (20) Coastal Service

Self-Elevating Platform

#### **PRINCIPLE PARAMETERS**

L.o.a Freeboard Breadth Depth Minimum Draft Working Load Draft Spud Legs Spud Leg Length Spud Leg Diameter Displacement Deck: - Area - Strength Payload **Gross Registered Tons** Net Tons Moonpool

32.0m 0.556m minimum 18.3m 2.13m 1.5m 1.6m 4 34.0m 1.22m 770 tons 270m<sup>2</sup> 15t/m<sup>2</sup> 350t 329 grt 99 nrt

#### 1 of 50cm diameter

#### CAPACITIES

Fuel	21.0m <sup>3</sup>
Water	21.0m <sup>3</sup>
Sewage	42.0m <sup>3</sup>
Accommodation:	20 beds (2 men cabins)
- Crew	8 (including catering)
- Client	12
- Client Office	12m <sup>2</sup> , 2 desks
- Client Storeroom	6m <sup>2</sup>
- Client Changing Room	6m <sup>2</sup>
- Mess Area	25m <sup>2</sup>

# LIFESAVING EQUIPMENT

Life Raft LSA PSN 2 x 20 persons Full Complement

**L** +7 7292 203 221

**Thruster Service Speed** 

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4.5 knots

on board)

3 knots

Gensets 300ltr/day, Power Packs 10ltr/hr each

15 days (with 20 persons

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NB. Details are believed to be correct at time of printing. Veritas Marine reserves the right to amend the specifications without prior notification.

### SURVIVAL CONDITIONS

Current Max. Wave Height Max. Wind Speed 1m/s 5m 120km/hr

# **JACKING SYSTEM**

Jacking Type	Hydraulic, mechanically
	engaged
Powerpacks	HPP90S/HPP91S, Operating
	pressure 150Bar
Jacking Speed	6m/hr
Jacking Stroke	0.6m

# **ANCILLARY EQUIPMENT**

Anchors	1 x 1,500kg Delta-flipper type; on hydraulic winch
Anchor Wire	1 x 26mm, 200m
Tugger Winch Capacity Crane:	8mm, 20m
- Hydraulic Fassi F110A 22	5.28 tons at 2m, 2.0t at 5m, 1.33t at 7.9m
Towing Equipment	50t SWL
Work boat	Zodiac Mk 5 with 36hp diesel outboard
Water Maker	Water Bird Reverse Osmosis Plant, Capacity 5-7m <sup>3</sup> per day
Compactor	ORWAK 5030 B
Deck Connections	3 x 400V, 3 phase, 50Hz,
	2 x 230V, single phase, 50Hz
Fueling	Pistol type with purifier
Gangways	2 x 6m
Fenders	2 x 2m Yokohama
Portable Gas Detectors	2 x GasAlertMax XT II

# MACHINERY

Power Packs	2 x Deutz Diesel Engines, 1700S B20 3R00 A1MO,
Positioning Eqpt	2 x 90kW, redundancy assured. 2 x OD150N Thrustmasters, 2 x 130kW.
Generator	2 x 762mm Propellers Geko Super Silent 130000,
	2 x Deutz Diesel Engines, BF6M1013E, 2 x 128kW
	Himoinsa Silent Plus,
	1 x Scania Diesel Engine, HRSW-505 T5 S+,
	1 x 440kW

# **OPERATIONAL CONDITIONS**

Jacking Capacity Max. Wave Height Max. Wind Speed 300t/leg 3m 50km/hr

# **500M ZONE EQUIPMENT**

# NAUTICAL AND COMMUNICATION

GMDSS	A1
Radar	1 x Koden MDP640
Gyrocompass	1 x Teledyne Meridian
	TSS with Universal Digital
	Repeater DR-209M
Echo Sounder	Depth Finder GARMIN GPS
	MP 585 Plus
VHF Radios	1 x VHF Marine Radio,
	Standard Horizon Quest-X
	GX1500S,
	1 x VHF Marine Radio, JMC
	RT-2500,
	3 x Portable VHF, Samyung
	STV-160,
	3 x Portable VHF, ExiblIBT3,
	Standard Horizon HX400,
	3 x Portable VHF, 2Ex ic IIA
	T6 X, Icom IC-M88
Satcom	Thuraya IP Maritime,
	Voice & Data,
	2 x Ku-band receiver,
	6Mbps up/down.
AIS	AIS Transas T105B type B
Other	SART / AIS SART,
	2 x Modem 4G Altel L02HI
	MIFI TS



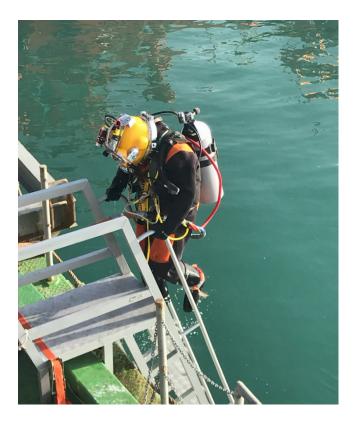
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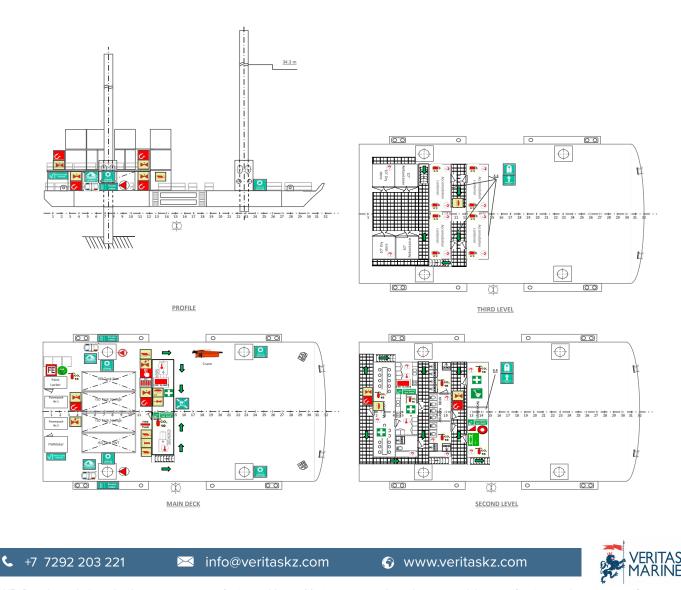


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**GENERAL PLAN** 



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