

# GSP ORIZONT



## GENERAL

Year built	1982
Major Upgrades	1999
Design	Sonnat Offshore Company.
Previous Name	N/A
Flag	Malta
Classification Agency	Germanisher Lyold
Dimensions	172 ft x 134 ft x 21 ft

Tranzit Draft	32 ft
VDL - Operating	4,850 kips
VDL - Survival	3,940 kips

Outfitted Max WD	295 ft
Min WD	32 ft
Leg Length	400 ft
- usable below hull	355 ft

Leg Spacing	126 ft longitudinal, 109 ft transversal
Spudcan Diameter	38.83 ft
Max Drilling Depth	20,000 ft
Cantilever Envelope	55 ft aft x 20 ft transverse
Max. Combined Load	1,168 kips
Quarters	90 + 2 hospital
Helideck Size	80 ft x 80 ft
Helideck Capacity	16,310 lbs
Helideck Certification	IMO

## DRILLING PACKAGE

Derrick (SWL)	1,520 kips
Racking Capacity	16,000 ft 5"DP + 4,000 ft 3 1/2" DP
Drawworks	Upetrom, 2500 HP DC
Rotary Table	Upetrom, 37.5"
Top Drive	TESCO TDT - 500 HS
- continuous torque	45,052 ft lbs @ 83 rpm 22,521 ft lbs @ 167rpm
Pipe handling	Varco ST 80 Iron Roughneck

## MUD SYSTEM

Pressure Rating	5,000 psi
Pumps	2 ea triplex 1600 hp PZL - 11
Solid Control	4 nos Swaco ALS 2 Shale Shakers Swaco 3 in 1 Mud Cleaner 2 ea SCS,142 Fully hydraulic decanter Var speed Centrifuges





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## CAPACITIES

Diesel	1,635 bbls
Drill water	3,648 bbls
Potable Water	1,272 bbls
Bulk Product	9,220 cu ft
Sack Storage	3,000 sx
Base Oil	920 bbls
Brine	921 bbls
Liquid Mud	1,880 bbls
Mudpits (excl. slug/mix)	4

## WELL CONTROL

Diverter	30" x 500 psi
Low pressure BOP	1 ea 21 - 1/4" x 2,000 psi annular 2 ea 20 - 3/4" x 3,000 PSI Shaffer single preventer
High pressure BOP	1 ea 13 - 5/8" x 5,000 psi "GK" annular 1 ea 13 - 5/8" x 10,000 psi "U" Cameron single preventer 1 ea 13 - 5/8" x 10,000 psi "U" Cameron single preventer
Choke & Kill Manifold	10,000 psi, 2 automatic +1 manual chokes

## CRANES

Pedestal Cranes	2 ea Link Belt Type ABS -218 1 ea Link-Belt, THC-80
API SWL	32 MT @ 19.68 ft 18.5 MT @ 24.6 ft
BOP Crane	4 ea 25 MT air hoist Ingersoll Rand

## POWER

Main Engines	3 ea DG 12 LDSR -28 (Schultzer) 2 ea DG 6 LDSR -28 (Schultzer)
Auxiliary Engine	Volvo Penta TMD 120AK 185 hp
Total Power	9,900 hp
Main Generators	3 ea DC Electroputere Craiova GCE - 1100/10 2 ea AC Electroputere Craiova GS 1200 /500 -8
Emergency Power	TMD 120 AK Volvo Penta, 185 hp

## OTHER

Mooring System	2 ea 20T winches
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## TUBULARS

Drill pipes	13,500 ft 5" S 135 6,000 ft 3-1/2" S 135
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