

POLARIS



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For further information: www.aquadrilloffshore.com



GENERAL (IMPERIAL)

| | |
|-----------------------|--------------|
| Delivery | Q2 – 2008 |
| Design | Saipem 10000 |
| Flag | Panama |
| Classification agency | ABS |
| Dimensions | 748 x 138 ft |
| Operating draft | 47.5 ft |
| Transit draft | 47.5 ft |
| VDL – Operating | 20,000 mt |
| VDL – Survival | 16,500 mt |
| VDL – Transit | 18,700 mt |
| Transit speed | 11.5 kn |
| Outfitted max WD | 10,000 ft |
| Max drilling depth | 37,500 ft |
| Quarters | 180 |
| Helideck capacity | Chinook |

DRILLING PACKAGE

| | |
|------------------|--|
| Derrick | Double Derrick |
| Racking capacity | 44,950 ft |
| Drawworks | NOV, 5,750 hp |
| Rotary table | 60.5" |
| Top drive | NOV hydralift, HPS 1,000 78,450 ft lb |

MUD SYSTEM

| | |
|-----------------|---|
| Pressure rating | 7,500 psi |
| Pumps | 4 ea 2,200 hp |
| Solid control | VSM 300 1 X quadruple 1 dual VSM 300 |

RISER SYSTEM

| | |
|-------------------------|----------------|
| Riser tension | 3,200 kips |
| Riser type/maker | 90 ft, Shaffer |
| Riser min ID | 18 3/4" |
| Kill/Choke lines min ID | 4.5" |
| Kill/Choke lines rating | 15,000 psi |

CAPACITIES

| | |
|-------------------------|--------------|
| Diesel | 36,600 bbls |
| Drillwater | 17,600 bbls |
| Potable water | 4,750 bbls |
| Bulk product | 32,460 cu ft |
| Sack storage | 7,000 sx |
| Brine | 3,145 bbls |
| Liquid mud | 6,040 bbls |
| Mudpits (excl slug/mix) | 14 |

WELL CONTROL

| | |
|--------------|--|
| Diverter | 59", 1M |
| BOP | 1 ea Shaffer 18 3/4 6 cavities, Vetco H 4 connector |
| C&K manifold | 15 kpsi |

POWER

| | |
|-----------------|----------------------|
| Main engines | 6 wartsila |
| Total power | 6 ea 9,400 hp |
| Main generators | 6 ea 11kv, 6,000 KVA |
| Emergency power | 1 ea 2,040 hp |

STATION KEEPING

| | |
|-------------------|-------------------|
| DP class | DP3 |
| DP control system | Simrad SDPM 32 |
| Thruster | Rolls Royce 60 st |

TUBULARS

| | |
|------------|--|
| Drill pipe | 30,000 ft 5 7/8" XT57, NS-1 1,659 ft 5 1/2" HWDP, 1,659 ft 3 1/2" |
|------------|--|

CRANES

| | |
|-----------------|-------------------|
| Pedestal cranes | 4 ea knuckle boom |
| API SWL | 93 st |
| BOP crane | 2 X 193 st |

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GENERAL (METRIC)

| | |
|-----------------------|----------------|
| Delivery | Q4 – 2008 |
| Design | Samsung design |
| Flag | Panama |
| Classification agency | ABS |
| Dimensions | 28 x 42 m |
| Operating draft | 12.05 m |
| Transit draft | 12.05 m |
| VDL – Operating | 18,000 mt |
| VDL – Survival | 15,000 mt |
| VDL – Transit | 17,000 mt |
| Transit speed | 11.5 kn |
| Outfitted max WD | 3,050 m |
| Max drilling depth | 11,430 |
| Quarters | 180 |
| Helideck capacity | Chinook |

DRILLING PACKAGE

| | |
|------------------|------------------------------------|
| Derrick | Double Derrick |
| Racking capacity | 13,700 m |
| Drawworks | NOV, 4220 kW |
| Rotary table | 1.54 m (60.5") |
| Top drive | NOV hydalift, HPS 1,000 106,350 Nm |

MUD SYSTEM

| | |
|-----------------|---|
| Pressure rating | 517 bar |
| Pumps | 4 ea 1,620 kW |
| Solid control | VSM 300 1 X quadruple 1 dual VSM 300 |

RISER SYSTEM

| | |
|-------------------------|-------------------------|
| Riser type/maker | Schaffer 27.4 m (90 ft) |
| Riser min ID | 0.476 m (18 3/4") |
| Kill/Choke lines min ID | 0.114 m (4.5") |
| Kill/Choke lines rating | 1,034 bar |

CAPACITIES

| | |
|-------------------------|------------|
| Diesel | 5,818 cu m |
| Potable water | 2,800 cu m |
| Bulk product | 295 cu m |
| Sack storage | 7,000 sx |
| Brine | 500 cu m |
| Liquid mud | 960 cu m |
| Mudpits (excl slug/mix) | 14 |

WELL CONTROL

| | |
|--------------|-------------------------------|
| Diverter | 1.49 m (59") 1 m |
| BOP | 1 ea Shaffer 0.48 m (18 3/4") |
| C&K manifold | 15 m |

POWER

| | |
|-----------------|---------------------------|
| Main engines | 6 wartsila |
| Total power | 6 ea 7 MW |
| Main generators | 6 ea 11kv 7 MW, 6,000 KVA |
| Emergency power | 1 ea 1,500 kW |

STATION KEEPING

| | |
|-------------------|-------------------|
| DP class | DP3 |
| DP control system | Simrad SDPM 32 |
| Thruster | Rolls Royce 60 mt |

TUBULARS

| | |
|------------|---|
| Drill pipe | 9,144 m 5 7/8" XT57 NS-1505 m 5 1/2" HWDP 505 m 3 1/2" |
|------------|---|

CRANES

| | |
|--------------------|-------------------|
| Pedestal cranes | 4 ea knuckle boom |
| Knuckle boom crane | 85T |
| BOP crane | 2 x 175 |