

NAGA 2

GENERAL

Name	VELESTO NAGA 2
Design	GustoMSC-CJ46-X100D
Delivery	October 2009
Construction Yard	PT. DryDocks World Graha, Batam, Indonesia
Jack Up Type	Independent Leg Jack Up Drilling Rig
Flag	Singaproe
Classification	ABS
Class Notations	A1 Self-Elevating Drilling Unit

MAIN DIMENSIONS / TECHNICAL

Length and Breadth	214.07 ft x 203.4 ft
Depth	26.24 ft
Draft	14.8 ft
Leg Length	483.5 ft
Leg Length (under hull)	421 ft
Leg Spacing	Transverse:150.9 ft Longitudinal: 131.2 ft
Spud Can Diameter	45 ft
Bearing Pressure	10.23 kips/ft2
Design Water Depth	350 ft
Minimum Water Depth	22 ft *subject to side specific
Drilling Depth	30,000 ft
Variable Load	Afloat: 5,511 kips Elevated: 7,716 kips
Drilling Envelope	70 ft x 40 ft
Helideck	Capacity: 12.8 MT
Helideck Compliance	CAP 437
Refueling System	2 x Wilmax 750 gallon
Accommodation	120 POB

DRILLING EQUIPMENT

Derrick	NOV SSBN 750 35 ft x 35 ft x 160 ft
Hookload	1,500 kips
Drawworks	NOV D3000AC
Top drive	NOV TDS-8SA
Racking Capacity	Rated Capacity: 680 MT
Pipe Handling	30,000 ft
Iron Roughneck	NOV Bridge Racker BR6-SD
Rotary Table	NOV AR3200
Driller's Instrumentation	NOV D495-7K, 49 1/2" NOV Cyberbase System

TUBULARS

Drill Pipe	5 -1/2" S-135 (21.9 ppf)
	3 -1/2" S-135 (14 ppf)

OFFLINE CAPABILITY

- Make-up and rack back drill pipe offline
- Perform offline Centrifuging (Partial capability)
- Perform offline Cementing (Partial capability)

WELL CONTROL

BOP	18-3/4" NOV NXTM 15,000 psi WP
BOP Annular Diverter	18-3/4" NOV SBOP 10,000 psi WP Vetco Gray KFDJ-500
Choke & Kill Manifold	3-1/16" ID 15,000 psi
BOP Hoist	Ingersoll Rand Lifting Capacity : 150 MT
Conductor Tensioner	NOV 227 MT
BOP Top Tensioner Unit	ICON P100A 210bar

LIFTING EQUIPMENT

Deck Crane	(3x FavelleFavco 7.5/10k)
Location	1 x Port Aft, 1 x Port Forward, 1 x Starboard
Main Hoist Capacity	Up to 50.0 T at 12.0m Up to 10 T at 41.4 m
Fly Hoist Capacity	Upto5T at all radii

POWER PLANT

Main Engines	5 x Caterpillar 3516C-HD, 2,150 hp
Main Generators	5 x KATO @ 1,720 ekW
Emergency Engine	Caterpillar 3516B- HD DITA
Emergency Generator	KATO @1,720 ekW

MUD SYSTEM

Mud Pumps	3 x NOV 14-P-220, 2,200 hp Triplex Type, 7,500 WP
Shale Shakers	5 x NOV VSM 300
Desander	1 x NOV Brandt Integrated with VSM 300
Desilter	1 x NOV Brandt Integrated with VSM 300
Degasser	NOV DG-12
Mud/Gas Separator	RB Pipetech 150 Psi WP, 12" ID

STORAGE CAPACITIES

Fuel	4,446 bbl
Potable Water	2,704 bbl
Liquid Mud(Independent)	4,365 bbl
Brine	1,717 bbl
Barite/Bentonite Silos	1,412 ft3
Cement Silos	7,486 ft3
Sack Storage	5,000 sacks
Base Oil	1,264 bbl
Preload (Independent)	51,079 bbl
Preload / Drill Water Tank	20,838 bbl (interchangeable drill water/preload tank)