

# NAGA 6



## GENERAL

Name	<b>VELESTO NAGA 6</b>
Design	<b>GustoMSC-CJ46-X100D</b>
Delivery Construction Yard	<b>September 2014</b> <b>China Merchants Heavy Ind. (Shenzhen) Co. Ltd, China</b>
Jack Up Type	<b>Independent Leg Jack Up Drilling Rig</b>
Flag	<b>Panama</b>
Classification	<b>ABS</b>
Class Notations	<b>A1 Self-Elevating Drilling Unit</b>

## MAIN DIMENSIONS / TECHNICAL

Length and Breadth	<b>234 ft x 208 ft</b>
Depth	<b>25 ft</b>
Draft	<b>16 ft</b>
Leg Length	<b>517 ft</b>
Leg Length (under hull)	<b>460 ft</b>
Leg Spacing	<b>T ransverse: 150ft</b> <b>Longitudinal: 131f</b>
Spud Can Diameter	<b>45 ft</b>
Bearing Pressure	<b>10.77 kips/ft</b>
Design Water Depth	<b>375 ft</b>
Minimum Water Depth	<b>30 ft *Subject to site specific</b>
Drilling Depth	<b>30,000 ft</b>
Variable Load	<b>Afloat: 5,511 kips</b> <b>Elevated: 7,716 kips</b>
Drilling Envelope	<b>70 ft x 30 ft</b>
Helideck	<b>Capacity: 12.8 MT</b>
Helideck Compliance	<b>CAP 437</b>
Refueling System	<b>2 x Wilmax 750 gallon</b>
Accommodation	<b>150 POB</b>

## DRILLING EQUIPMENT

Derrick	<b>Lee C Moore 36ft x 36 ft x 160 ft</b>
Hookload	<b>1,500 kips</b>
Drawworks	<b>NOV ADS-10T, 3,200 HP</b>
Top Drive	<b>NOV TDS-8SA</b> <b>Rated Capacity: 680 MT</b>
Racking Capacity	<b>30,000 ft</b>
Pipe Handling	<b>RPS-8i Foxhole</b>
Iron Roughneck	<b>Primary: NOV ST 120</b>
Rotary Table	<b>NOV RST 495, 49-1/2"</b>
Driller's Instrumentation	<b>NOV Amphion System</b>

## TUBULARS

Drill Pipe	<b>5 -1/2" S-135 FH DSTJ (21.9 ppf)</b> <b>4" DSTJ S-39 (14 ppf)</b>
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## OFFLINE CAPABILITY

- **Make-up and break-out drill pipe offline**
- **Perform offline cementing**
- **Perform offline centrifuging**
- **Chela Cranes underneath the rig floor**

## WELL CONTROL

BOP	<b>18-3/4" NOV NXT-M</b> <b>15,000 psi WP</b>
BOP Annular	<b>18-3/4" Cameron DL</b> <b>10,000 psi WP"</b>
Diverter	<b>Vetco Gray KFDJ-500 49-1/2"</b>
Choke & Kill Manifold	<b>4-1/16" ID 15,000 psi</b>
BOP Hoist	<b>J.D Neuhaus EH 100</b> <b>Lifting Capacity: 200 MT</b>
Conductor Tensioner	<b>PH Hydraulics 225 MT</b> <b>Max 30" Casing</b>
BOP Tensioner System	<b>PH Hydraulic 100 T</b>

## LIFTING EQUIPMENT

Deck Crane	<b>3 x Favelle Favco 7.5/10k</b>
Location	<b>1 x Port Aft, 1 x Port Forward, 1 x Starboard</b>
Main Hoist Capacity	<b>Up to 50.0 T at 12.0m</b> <b>Upto9.2Tat41.4m</b>
Fly Hoist Capacity	<b>Up to 5 T at all Radii</b>
Knuckle Boom Crance	<b>NOV Knuckle Boom pipe handling crane with lifting pad eyes 7 MT, with gripper yoke for 2-7/8" to 20"</b>

## POWER PLANT

Main Engines	<b>5 x Caterpillar 3516C-HD, 2,150 hp</b>
Main Generators	<b>5xKATO@1,530ekW</b>
Emergency Engine	<b>Caterpillar c-32 with air shutoff</b>
Emergency Generator	<b>Leroy Somer @ 900 ekW</b>

## MUD SYSTEM

Mud Pumps	<b>3 x NOV W14-P-220, 2,200 hp</b> <b>T ripleX T ype, 7,500 psi</b>
Shale Shakers	<b>5 x DERRICK Flo-line 504</b>
Desander	<b>1 x DERRICK DSV-10-3</b>
Desilter	<b>1 x DERRICK S-420-S</b>
Degasser	<b>2 x DERRICK Vacu-Flo 1200</b>
Mud/Gas Separator	<b>NOV Brant 250 psi WP, 10" ID</b>

## STORAGE CAPACITIES

Fuel	<b>3,547 bbl</b>
Potable Water	<b>3,698 bbl</b>
Liquid Mud	<b>4,578 bbl</b>
Brine	<b>1,276 bbl</b>
Barite/Bentonite Silos	<b>7,486 ft3</b>
Cement Silos	<b>7,486 ft3</b>
Sack Storage	<b>5,000 sacks</b>
Base Oil	<b>1,276 bbl</b>
Preload (Independent)	<b>52,167 bbl</b>
Preload / Drill Water Tank	<b>22,325 bbl (Interchangeable tank drill / preload)</b>