



# VALARIS STAVANGER

(VALARIS JU-291)

KFELS N-Class Jackup • Year in Service: 2011



## ■ CAPACITIES

Rotary Load:  
2,000,000 lbs

Setback Load:  
1,200,000 lbs

Liquid Capacity:  
7,221 bbl

Bulk Cement:  
7,060 cu ft

Bulk Barite:  
8,825 cu ft

Potable Water:  
4,700 bbl

Drill Water:  
38,523 bbl (incl. combo tanks)

Diesel Fuel:  
5,465 bbl

Base Oil:  
2,073 bbl

Brine:  
4,975 bbl

## ■ DRILLING EQUIPMENT

Derrick:  
SSBN 1100 - 40ft x 40ft base, 180ft high,  
2,200,000 lbs on 16 lines

Travelling Block:  
NOV, Capacity: 2,000,000 lbs

Drawworks:  
NOV model 4600 driven by (4) 1,050 hp AC  
Motors

Prime Movers:  
(4) Wartsila 8L26 diesel engines Driving (4)  
Leroy Somer 2,400 kW gen.

Cementing Equipment:  
(2) Schlumberger CPS 665 RC unit 18k psi WP  
Driven by (2) 860 hp Diesel engines

Cranes:  
(3) Pedestal Cranes (1) Liebherr BOS 2600-50 D Lit, (1) Liebherr BOS 4200-50 EX Lit, (1) Liebherr  
BOS 4200-50 D Lit, (1) NOV KMCVCT 1891-9-25 Knuckle Boom Pipe Handling Crane

Top Drive/Power Swivel:  
NOV HpS 03-1000, 2,300 hp AC Motor – Output  
Torque 115Kft lbs

Crown Block:  
NOV, Capacity: 2,200,000 lbs

Rotary:  
RTS 495

Emergency Generator  
(1) CAT 3508B DITA Driving (1) Leroy Somer  
968 kW gen.

Torque Wrench/Spinner:  
ST-160 Iron Roughneck

## ■ WELL CONTROL

Diverter:  
Vetco Gray Model KJDF-500 Annular BOP,  
500 psi

Annular:  
(1) 18 3/4" Shaffer NXT Spherical BOP 10K psi

BOP:  
(2) 18 3/4" 15K psi Shaffer type NXT doubles  
with (4) 3 1/16 outlets with H<sub>2</sub>S trim

## ■ MUD SYSTEMS

Mud Pumps:  
(3) 14-P-220, 7,500 psi Driven by (2) GE 1,100  
HP AC Motors

Shale Shakers:  
(5) Varco Brandt VSM 300

Degasser:  
(2) Swaco CD 1400 degasser

## ■ PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:  
491ft

Leg Length:  
568ft

Hull Length:  
264ft

Hull Width:  
289ft

Hull Depth:  
35ft

Maximum Drilling Depth:  
35,000ft

Longitudinal Leg Centers:  
177ft

Transverse Leg Centers:  
206ft

Hook Load:  
2,000,000 lbs

Cantilever Skid Out:  
75ft aft of transom

Substructure Travel:  
20ft transverse to port or

starboard, +secondary  
centerline 26ft to starboard  
with same 20ft/20ft  
transverse

Mud System Max. Pressure:  
7,500 psi

Quarters Accommodations:  
140 persons

Heliport - can accommodate:  
Sikorsky 61N or S-92

Changes / modifications to the above listed equipment could occur.

Maximum Water Depth subject to site specific assessment.

Should you have specific questions, please contact the Marketing Department at: [marketing@valaris.com](mailto:marketing@valaris.com)

REVISED 7/2019