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### General Description

<b>Design / Generation</b>	Friede and Goldman L-1033 Enhanced Pacesetter
<b>Constructing Shipyard</b>	Hitachi Zosen, Japan
<b>Year Entered Service / Significant Upgrades</b>	1982
<b>Classification</b>	ABS, Class A1
<b>Flag</b>	Marshall Islands
<b>Dimensions</b>	270 ft. long x 255 ft. wide x 116 ft. deep
<b>Drafts</b>	65 ft. operating / 24 ft. transit
<b>Accommodation</b>	110 persons
<b>Displacement</b>	31,316 st operating / 20,230 st transit
<b>Variable Deck</b>	3,000 st operating / 1,800 st transit
<b>Transit Speed</b>	up to 4.5 knots
<b>Maximum Water Depth</b>	1,500 ft. designed / 1,500 ft. outfitted
<b>Maximum Drilling Depth</b>	25,000 ft

### Drilling Equipment

<b>Derrick</b>	Joseph Paris Dynamic Derrick 180 ft. high with 40 ft. long x 40 ft. wide base.
<b>Hookload Capacity</b>	1,000,000 lbs. gross nominal capacity.
<b>Drawworks</b>	National 1625 DE with a rated capacity of 3,000 hp.
<b>Compensator</b>	NL Shaffer DSC-18-500-R with 18 ft. stroke and locked capacity of 453 mt. active heave compensation.
<b>Rotary Table</b>	National C-495 49-1/2 inch with a rated capacity of 793 st and driven by Jeumont 423 DC motors rated at 800 hp.
<b>Top Drive</b>	Varco TDS-4H electric with a 650 tons capacity and a maximum continuous torque rating of 42,041 ft. lbs.
<b>Tubular Handling</b>	Varco HT 65 rotary tongs and a NOV ST120 iron roughneck.
<b>Mud Pumps</b>	2 x National 12-P-160 triplex pumps, each driven by two CIR423 traction motors rated at 800 hp each.
<b>HP Mud System</b>	Rated for 5,000 psi
<b>Solids Control</b>	5 x NOV Brandt VSM 300 shale shakers

### Power & Machinery

<b>Main Power</b>	2 x EMD 12-645 E9B diesel engines rated at 2,300 hp each driving 1 x 2,625 kVA generator; 2 x EMD 12-645 E8 diesel engines rated at 1,500 hp each driving 1 x 2,625 kVA generator.
<b>Emergency Power</b>	1 x GM 16V-71 diesel engine rated at 600 hp driving 1 x Jeumont 600 kVA generator.
<b>Power Distribution</b>	5 x LERS 1800 Amp SCR's for Drilling/Anchoring; 4 x Jeumont Schneider 1800 Amp SCR's for Thrusters

### Storage Capacities

<b>Fuel Oil</b>	9,881 bbl
<b>Liquid Mud</b>	459 bbl Active / 2,501 bbl Reserve
<b>Base Oil</b>	1,721 bbl
<b>Brine</b>	2,501 bbl
<b>Drill Water</b>	9,686 bbl
<b>Potable Water</b>	3,244 bbl
<b>Bulk Material</b>	(mud + cement) 16,000 cu.ft.
<b>Sack Storage</b>	5,000 sacks

### BOP & Subsea Equipment

<b>BOP Rams</b>	2 x T3 Energy double ram preventer, 18-3/4 inch 10,000 psi.
<b>BOP Annulars</b>	1 x Shaffer 18-3/4 inch 10,000 psi annular; 1 x Shaffer 18-3/4 inch 5,000 psi annular.
<b>BOP Handling</b>	Nomar BOP Gantry crane rated at 2 x 60.6 st
<b>Marine Riser</b>	Vetco MR6C 21 inch risers with a length of 50 ft. and 10,000 psi choke and kill lines.
<b>Tensioners</b>	4 x dual NL Shaffer tensioners with a rated capacity of 160,000 lbs each and a stroke of 12.5 ft. with 1-3/4 inch wire and a line travel of 50 ft.
<b>Diverter</b>	Regan KFDS 24 inch max bore diverter rated to 500 psi with 12 inch flow lines.
<b>Tree Handling</b>	N/A
<b>Moonpool</b>	20 ft. length x 20 ft. width.

### Station Keeping / Propulsion System

<b>Thrusters</b>	4 x azimuthing thrusters rated at 1,600 hp each with Schottel S1001 motors and a fixed pitch blade and nozzle.
<b>Mooring System</b>	4 x Brissonneau double windlasses electric anchor winches rated to 800 hp each with a pull rating of 220 st utilizing 3 x 12 mt Stevpris, 4 x 15 mt Stevpris and 1 x 20 mt Stevin anchors; 4,800 ft. of 3 inch anchor lines; breaking strength of 519 st..

### Cranes

<b>Crane #1</b>	1 x National OS 435 E crane, 90 ft. boom and rated to 62 st at a 30 ft. radius (Aft)
<b>Crane #2</b>	1 x National OS435 E crane, 120 ft. boom and rated capacity of 47 st at a radius of 30 ft (Port)
<b>Crane #3</b>	1 x National OS 215 E crane, 100 ft. boom and rated capacity of 23 st at a radius of 24 ft (Stbd)

### Other Information

<b>Helideck</b>	Rated for Sikorsky S-61 and EC225 helicopters. 80 ft. x 80ft.
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Revision Date: 20 June 2014

