



**MAIN CRANE CAPACITY 300 t / ACCOMMODATION 96 POB / MAX WATER DEPTH 91 m / DECK SPACE 1200 m<sup>2</sup>**

The 'ERDA' is an RSV Gusto Design non-propelled self-elevating cantilever jack-up barge. The Unit is designed for year-round operations in the North Sea in water depths up to 300ft. The Unit can also be used for certain offshore construction/decommissioning operations and can be modified to allow it to be used as an accommodation vessel. The original Unit was built by Gusto Engineering, Rotterdam, Holland, with construction being completed in 1982. The layout and mobility of the Unit was originally designed as a drilling rig, Mobile Offshore Drilling Unit (MODU), before being converted to a construction/decommissioning support vessel. The 'ERDA' is classed and surveyed by Det Norske Veritas (DNV) and registered under the Dutch Flag-state.

Crew accommodation for 96 persons is located as far away as reasonably practicable from the potential location of hydrocarbons, with a maximum number of two persons assigned to each cabin.

GENERAL		MAIN DIMENSIONS/ DRAFT/DISPLACEMENT	
<b>Design:</b>	Gusto Independent 3 Leg Cantilever Jack Up	<b>Length:</b>	226 ft (76.565m)
<b>Flag:</b>	The Netherlands	<b>Breadth:</b>	259 ft (78.023m)
<b>Classification Society:</b>	DNV Self Elevating Drilling Unit	<b>Depth:</b>	27 ft (8.250m / 8.565m)
<b>Year Built / MODU Certification:</b>	1982/1989	<b>Legs:</b>	448'/Triangular Truss
<b>Upgrade/Conversion:</b>	2018	<b>Spud Tanks:</b>	14.6m x 16.9m/48ft x 56ft
<b>Builder:</b>	RSV Gusto, Holland	<b>Transit Draft:</b>	22' from Waterline to Tip of Spud Can
<b>Accommodation:</b>	96 Persons		

MACHINERY	OPERATING PARAMETERS
<p><b>Main Power:</b> 4 x Caterpillar 3516B Diesel Engines 9800hp with 4 x Leroy Somer 1825 kW Generators</p> <p><b>Power Distribution:</b> Hill Graham 600V Main Switchboard</p> <p><b>Emergency Power:</b> 1 x Caterpillar D398TA 566 kW with marine generator</p> <p><b>Compressors:</b>            1 x Ingersoll Rand SSR 2000            1 x Atlas Copco GA 132            1 x Ingersoll Rand Cold Start Type 30</p> <p><b>Jacking System:</b> Hydraulic Rack &amp; Pinion, Jacking Rate of 70 Ft/Hr &amp; Holding Capacity of 7,400 Tons per Leg</p>	<p><b>Max Water Depth:</b> 300'</p> <p><b>Air Gap:</b> 36 ft to 125 ft (SSA dependent)</p> <p><b>Transit Speed:</b> 4 knots</p> <p><b>Mud Circulating System:</b> 10,000 psi</p> <p><b>Well Control Equipment:</b> 10,000 psi</p>
INTEGRATED EQUIPMENT	CAPACITIES
<p><b>Cementing Unit:</b> Halliburton Twin HT-400 dual cementing unit driven by 2 X Caterpillars 3406-B Diesel engines.</p> <p><b>Batch Mixer*:</b> 1 x 60 bbl and 1 x 120 bbl</p> <p><b>Slickline Unit*:</b> Type Zone Power, Split lift Zone 2 S-Line winch, capacity for 25,000ft of 0.124 wire</p>	<p><b>Variable Deck Load:</b> 2700 Tonnes</p> <p><b>Barite / Bentonite:</b> 1,500 ft<sup>3</sup></p> <p><b>Cement:</b> 6,000 ft<sup>3</sup></p> <p><b>Pit capacity:</b> 1,593 bbls</p> <p><b>Storage tank capacity (Hull):</b> 1,096 bbls</p> <p><b>Storage tank capacity (Deck):</b> 214 bbls</p> <p><b>Sacks:</b> 1,000 sacks</p> <p><b>Drillwater:</b> 5,045 bbls</p> <p><b>Potable water:</b> 1,442 bbls</p> <p><b>Fuel oil:</b> 1,924 bbls</p>
DECK EQUIPMENT	WELL CONTROL SYSTEMS
<p>1 x Huisman PMC 6200-300 (300 Ton with 53,9 mtr Boom)</p> <p>1 x National OS-435 Crane (58 Ton with a 140' Boom 6 falls)</p> <p>1 x National OS-215 Crane (39.4 Ton with a 100' Boom 5 falls)</p> <p>4 x Whittaker 36 Man Lifeboat</p> <p>1 x JY Wolong 32 Man Lifeboat</p> <p>1 x Neptune 26 Man Lifeboat</p>	<p><b>BOP*:</b> Cameron 13 5/8 10,000 psi stack</p> <p><b>Preventers*:</b> 2 x 10k' Double 'U', 1 x Shaffer 5k Annular</p> <p><b>Control System*:</b> Oceanex 18 x15 gallon bottles 3,000 psi</p> <p><b>Remote Panels*:</b> Well site &amp; Toolpushers Office</p> <p><b>Test Stump*:</b> 10,000 psi</p>
	*3rd Party Contracted and Operated Equipment

