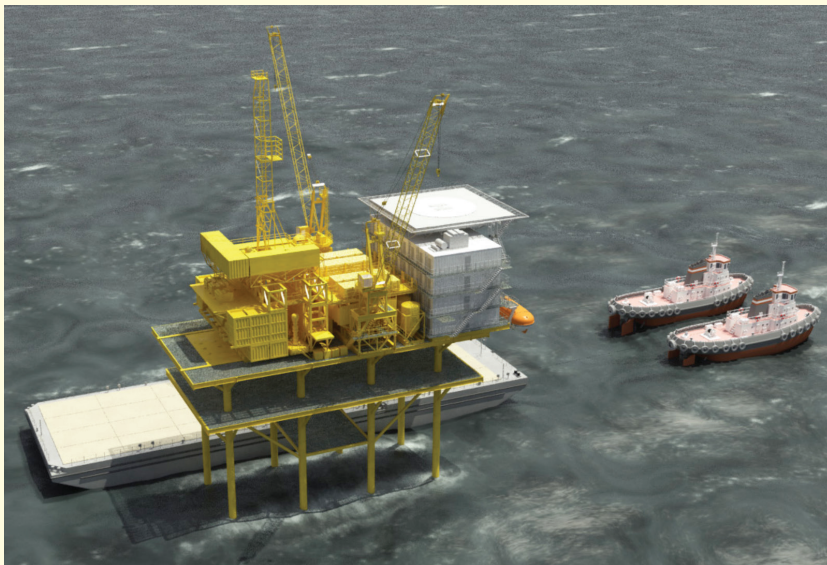


MODULAR PLATFORM DRILLING RIGS

Offshore Packages



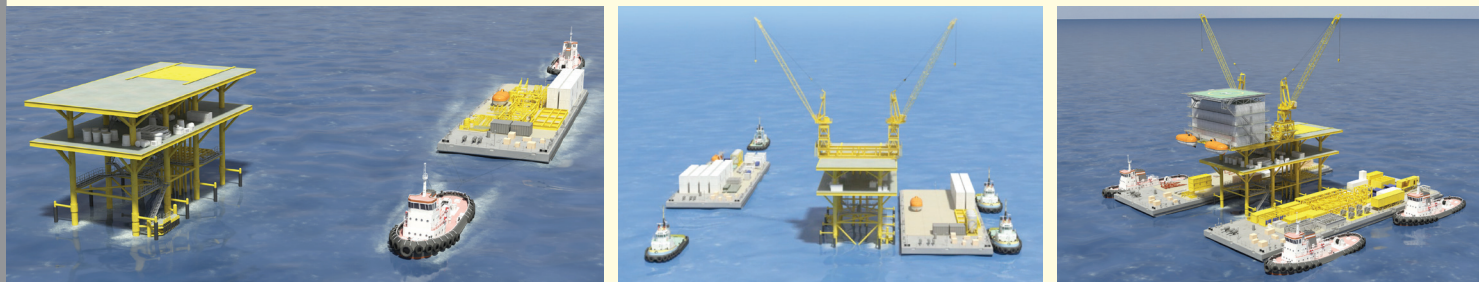
Conceptual view of rig upon completion of self-erecting process.

Contact Zentech for full technical specifications and video animation of this design's self-erecting capability.

3,000 H. P. Modular Drilling Rig Lightweight and Self-Erecting

- Self erecting offshore drilling rig
- Self erecting mast, 1,500,000 Lbs. capacity (680.3mt)
- Active and reserve mud pits 1,750 barrel capacity (278m³)
- 3 mud pumps of 2,200 HP (1,641kW)
- Drill floor equipped for mechanized pipe racking
- Living quarters consisting of 32 Modules and 112 person total occupancy:
 - Twenty-five 4-person Rooms
 - Six 2-person rooms
 - 2 offices
 - Control room, conference rooms, helicopter waiting/safety training room, TV/recreation rooms, sick bay, gym, galley, dining room, change room—per client requirement
- Utilities and drains configured for Zero Discharge: all equipment closed loop or air cooled
- High capacity drilling systems
- Drill floor configured for safe, efficient drilling operations

Sequence summary of unique self-erecting capability



Platform components arrive via 4 towed barges. Erection of rig can be completed without the need for a crane barge.

MODULAR PLATFORM DRILLING RIGS

Onshore Packages



AADU (Alaskan Arctic Drilling Units) 1,800 HP Rigs enroute to Prudhoe Bay, Alaska by Parker Drilling.



Liberty rigs being readied to work for BP.



AADU rigs on location in Prudhoe Bay, Alaska.

Land Rig Design

Lightweight and Self-Erecting



- Helicopter Drilling Rig for Parker Drilling Company
- Mud System and Mud Pits
- Mast and substructure design for a number of land rigs
- Converted land rigs to platform rigs for Nabors International
- Design of mast for a number of land rigs
- Design of mast for NOV (ex Dreco) for earthquake zone
- Design a new land rig for Grey Wolff Drilling Company (now Precision Drilling)
- Design a new land rig for WZ Industries

Engineering Projects

Nabors Offshore Platforms

- Sundowner X
- Sundowner XI
- Super Sundowner XII
- Super Sundowner XVII
- Amoco Trinidad
- Sundowner 240K Rig
- Nabors 269
- Sundowner Rig 801
- Sundowner Rig 802
- Sundowner Rig 803

Design Projects

Pool Company Offshore Platforms

- Amoco Trinidad
- Pool Rig 489



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