

Glomar Main Pass IV

300 Foot Jack-Up

General Description

Design.....Friede & Goldman L-780-MOD II

Overall dimensions.....180 x 175 x 25 ft.

Spud can diameter ..... 40 ft.

Legs (3).....416 ft. long triangular

Quarters capacity .....80 persons

Operating water depth ..... 300 ft.

Cantilever envelope.....35 ft. by 24 ft.

Maximum cantilever extension (transom to rotary)..... 40 ft.

TAD drilling envelope reach from transom ..... 135 ft.

Maximum variable load (drilling).....2,047 st

Drilling Equipment

Derrick	160 ft. x 30 ft. DSI, with a static hook load capacity of 1,250,000 lbs. with fourteen lines
Drawworks	National 1625 DE, 3,000 hp, driven by three GE 752 series DC motors. Auxiliary Elmagco 7838 electric brake.
Rotary table	National C-375, 37-1/2 in. opening, driven by a GE 752 DC electric motor and two speed gear box
Top drive	Varco TDS-3H, 500 short tons, continuous drilling torque rating 34,700 ft.-lbs.
Pipe handling	Racking board capable of handling 5-1/2 in. drill pipe to a maximum set back of 450 KIPS
Mud pumps	Two National 12-P-160, 1600 hp triplex pumps each driven by two GE 752 series DC traction motors, rated to 5,000 psi.
Solids control	4 X Derrick Flo-Line 2000 Super-G shakers with option of cascading or running in series; 3 X 10 in. desander cones and 20 x 4 in. desilter cones arrangemed over one four panel shaker, one Wellco 6200 degasser, one NU-TEC gumbo box installed in the flow line.
Instrumentation	Petron IDS 2000 data acquisition system and drilling recorder. Remote stations located at Toolpusher and Operator's office. System displays and records drilling data.

Power Equipment

DC	Ross Hill SCR system, 1600 amps each, powering eight DC GE 752 drilling motors
AC	Five Caterpillar D-399TA diesel engines, 1,195 hp, driving five KATO 600 volt, 800 kw generators

Storage Capacities

Liquid mud	1,601 bbls.
Fuel oil	2,470 bbls.
Drill Water	5,200 bbls.
Bulk material	8,685 cu. ft.

BOP Equipment

Diverter	Hydril Model MSP 2,000 psi, 21-1/4 in. with drilling spool, two 12 in. discharge lines and 12 in. full opening ball valves
BOP stack	13-5/8 in. x 10,000 psi WP BOP stack, with two Cameron double ram preventers, one Hydril 13-5/8 in. 5,000 psi WP annular
BOP handling	1 x 60 ton hoist and trolley handling system

Cranes

Two National OS105 cranes, 100 ft. booms, rated for 40 short tons at 25 ft. radius; one National OS215 crane, 120 ft. boom, rated at 55 short tons at 30 ft. radius

Special Features

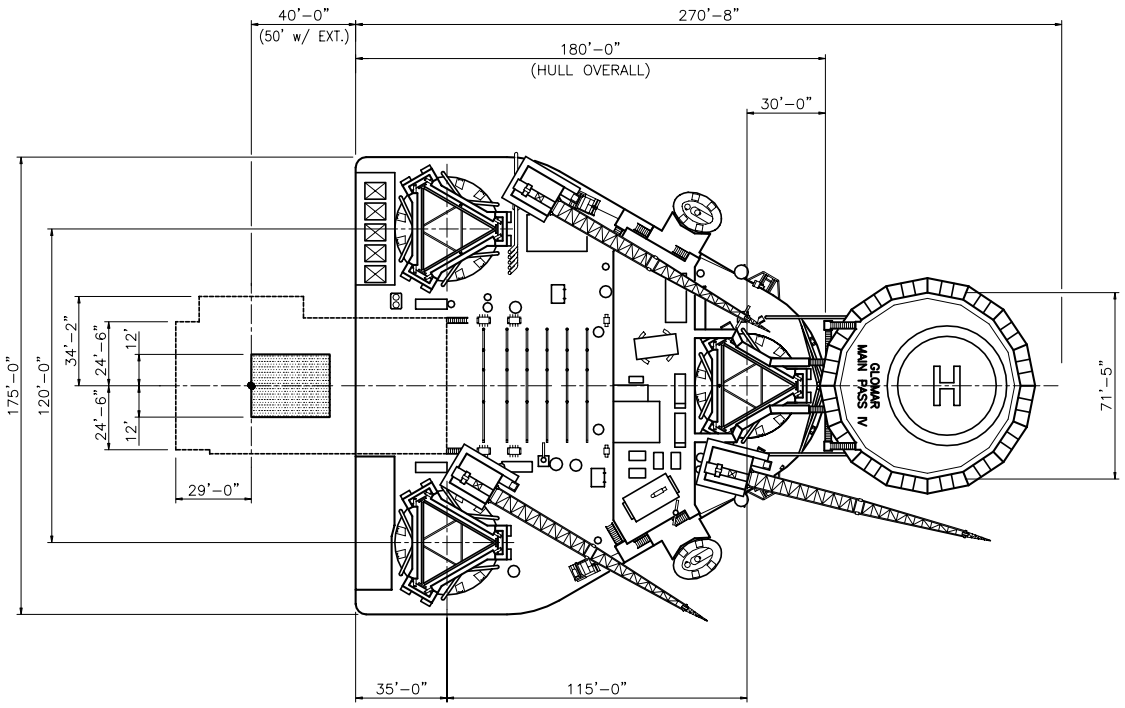
Tender mode For Tender Assisted Drilling (TAD) the drill floor, substructure and upper cantilever can be positioned on an adjacent platform.

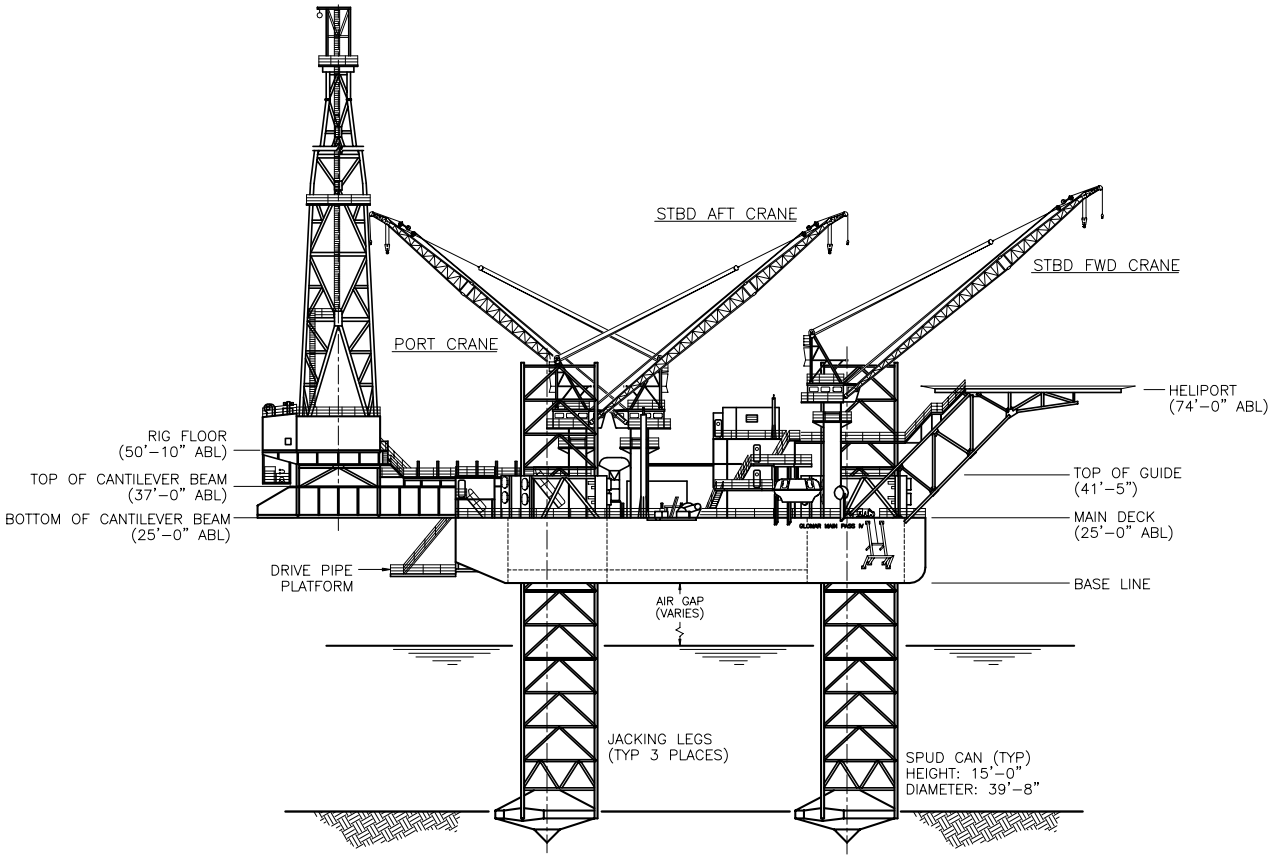
Cantilever extension 10 ft. pin on extensions are available to increase the maximum skid out distance to 50 ft. from the stern and drilling envelope to 45 ft. by 24 ft.

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Inquiries should be directed to the Marketing Department

Houston 15375 Memorial Drive Houston TX 77079-4101 (281) 925-6000 Fax (281) 925-6010





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