

Glomar Main Pass I

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 .....84 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).....1,702 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 DC motors and a Baylor 7838 auxiliary electric brake
Rotary table	National C-375, 37-1/2 in. driven by independent GE-752 DC electric motor, 2 speed gear box
Top drive	Varco TDS-3, 500 short tons, continuous drilling torque rating 27,800 ft-lbs.
Pipe handling	Racking board capable of handling 5-7/8 in. drill pipe to a maximum setback of 450 kips.
Mud pumps	Two National 12-P-160, 1,600 hp triplex pumps each driven by two GE 752 DC traction motors, rated to 5,000 psi
Solids control	4 x Brandt King Cobra shakers, 1 x King Cobra mud conditioner with 3 x 10 in. cone desanders and 24 x 4 in. cone desilters; 1 x Welco 6200 vacuum degasser. One Nu-tec gumbo box install 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	Four Ross Hill SCR units, 1600 amps each, powering eight GE 752 DC drilling motors
AC	Five Caterpillar D-399TA diesel engines, 1,195 hp, driving five KATO 600 volt, 800 KW generators

Storage Capacities

Liquid mud	1,670 bbls.
Fuel oil	2,470 bbls.
Drill Water	5,200 bbls.
Bulk material	8,685 cu. ft.

BOP Equipment

Diverter	Hydril 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

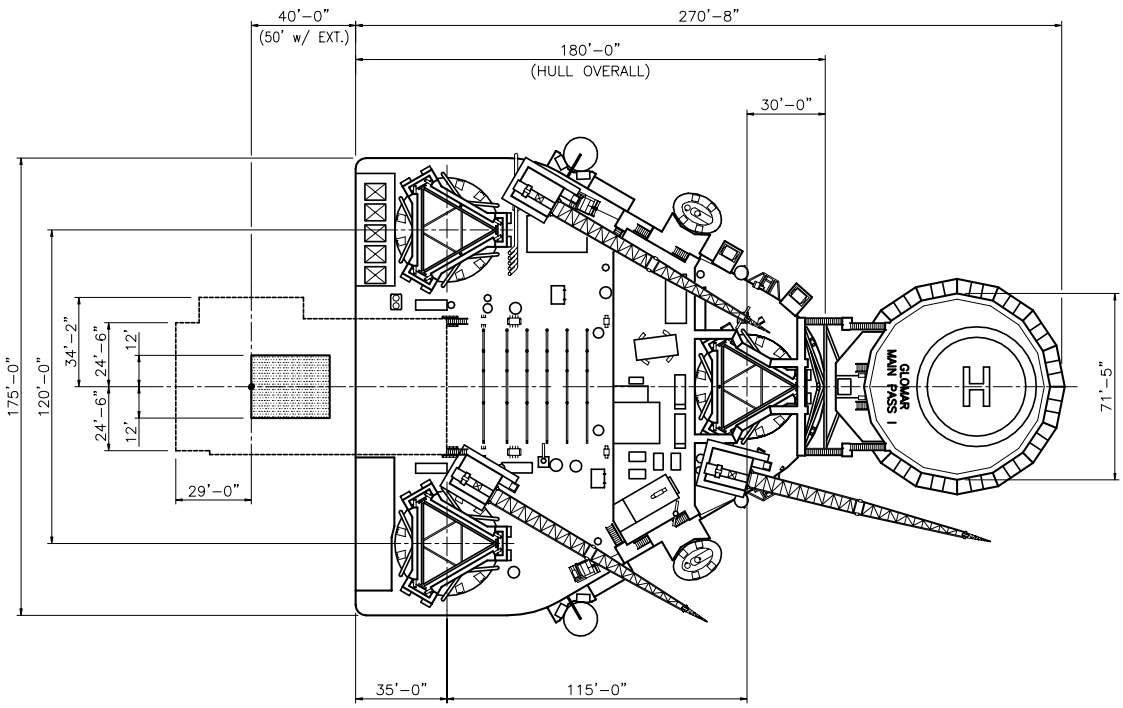
Tender mode For Tender Assisted Drilling (TAD) the drill floor, substructure and cantilever can be positioned on an adjacent platform.

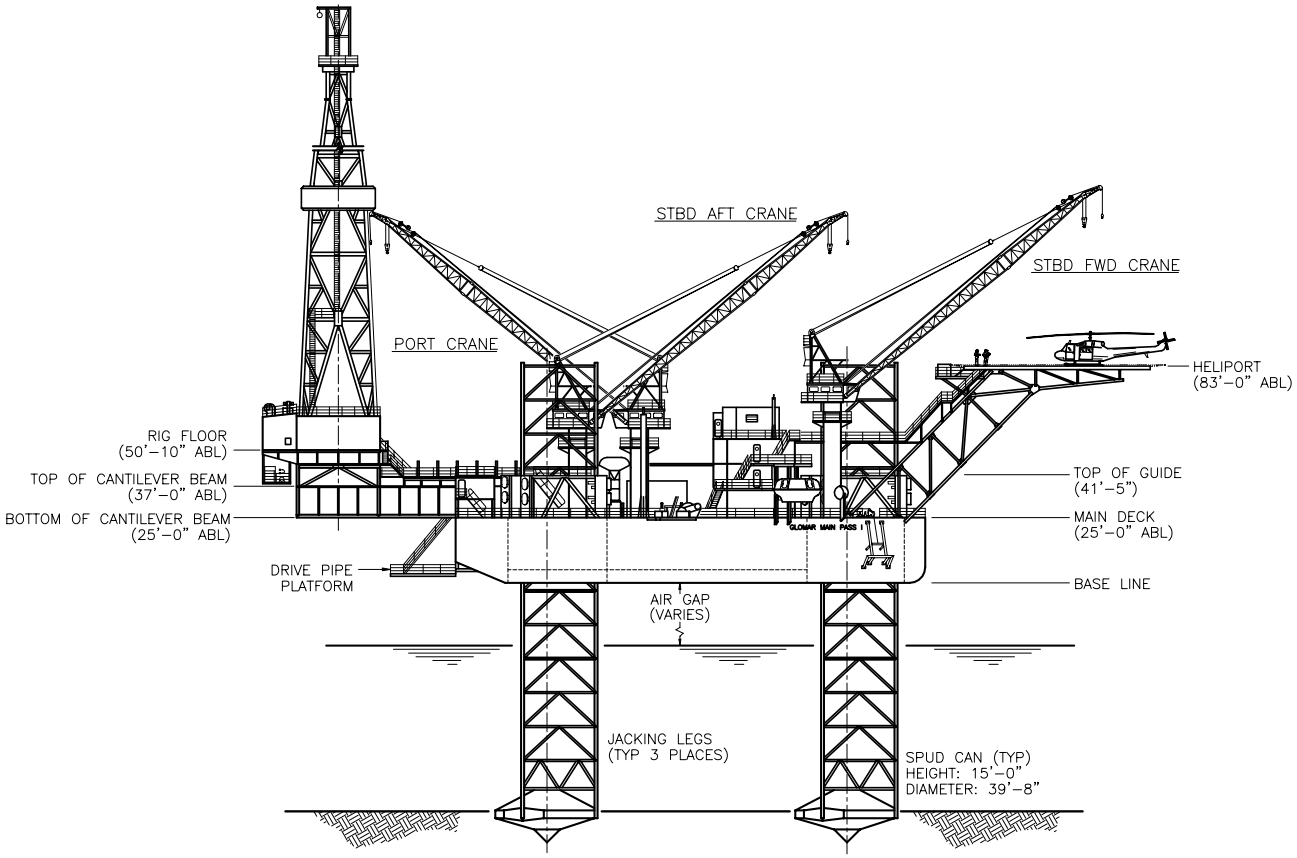
Cantilever extension 10 ft. pin on extensions are available to increase the maximum skid out distance to 50 ft. from the stern and drilling envelope to 45 ft. by 24 ft.

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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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