

DRILLSHIP FRONTIER ICE

Rig Type	Drill-ship
Design & Class	Hapag Lloyd Werft GmbH Mono Hull Drillship;MODU ABS Maltese Cross A-1(M)
Construction & Conversion Year	Hapag Lloyd Werft, Hapag-Lloyd Bremerhaven shipyard West Germany 1959 Converted to Drill ship 1975
Flag	Panama
Water Depth	2000'
Drilling Depth	20,000'
Quarters	104 Persons
Hull	183 length; 21.7 m Breadth
Variable Load	23,832 Kips
Heliport	83' Dia
Storage	Mud & Cmt Bulk-19,360 cu.ft; Sack Storage-465 cu.m Liquid Mud-4,223 bbls; Fuel-22,160 bbls; Drill Water-17,345 bbls; Pot Water-1,440 bbls;
Drilling Equipment	Draw works-Oil Well E-2000, 1600 HP;Driven by two EMD D-79-MB DC Motors Mud Pumps-2 Gardner Denver PZ-11;1,600 HP each. Prime movers-Five EMD 12-645-E116V, 1,650 HP each; Propulsion Engine-Provence Doxford Model LBD-65;9000 HP DC-DC System; Rotary Table-Continental EMSCO ModelT-4950; 49 1/2" Top Drive-Maritime Hydraulics Model PTD-EA-01/Hydraulic
Derrick	Lee C Moore; 160'; 1,000,000 lbs
BOP System	Two Hydril 18 3/4", Double,10,000 psi Ram Preventers; Hydril GL, 18 3/4",5,000 psi Upper & Lower Annular Preventers; 20" Regan Type KFDS Diverter.; Vetco H-4,18 3/4",10,000 psi Stack connector; CIW Model-70,18 3/4",10,000 psi Riser Connector; Vetco Model RT-80-40 Riser Tensioners; Vetco Model GT-16-40 Guide Line Tensioners. Vetco Model 660-4-500,Dual Cylinder Motion Compensator.
Cranes	One FMC Link Belt Type 238; 2 Nos. FMC Link Belt Type 108; 43.5 Tons and 19.8 Tons.
Mooring	2 nos. Baldt LWT,33,000 lbs Anchors; 6 nos. Baldt LWT, 30,000 lbs Anchors and 2 nos. Baldt LWT, 30,000 lbs Spare Piggy back anchors.; 4 nos. National D-506-E Anchor Winches driven by EMD D-79 DC Motors. 5,50,000 lbs pull intermittent.
Positioning	Nil
Work Area	Bombay High, India
Former Names	FABANn Ice Danwood Ice
Nett Registered Tonnage	4568
IMO Number	5171189

