320E-4

Levingston™
Rising to new heights

Levingston

320E-4

HULL CHARACTERISTICS

Length: 57 meters (187 feet)
Beam: 44.2 meters (145 feet)
Depth: 6.9 meters (22.5 feet)

LEGS

Number of Legs: 4
Length: 97.5 meters (320 feet) including spudcans
Diameter: 3.1 meters (10 feet)
Working Water Depth: 4 meters (13 feet) to
65 meters (213 feet)

DECK LOAD CAPACITY

Moving: 680 metric tonnes (750 short tons)
Jacking: 680 metric tonnes (750 short tons)
Operation: 680 metric tonnes (750 short tons)

JACKING SPEED

Setting on Location: Lowering Legs: 8 feet per minute
                      Raising Hull: 4 feet per minute
Departing Location: Lowering Hull: 4 feet per minute
                     Raising Legs: 8 feet per minute

THRUSTERS

Design Speed: 6 knots approximately
Three 1,500 hp L-Drive with one 600 hp bow thruster. The
L-Drives are powered by variable speed AC motors with bow
thruster electrically powered.

CRANE SPECIFICATIONS

Number/Location: 2 / Starboard and Port
Type/Model: LEC500 (U.S.A. Patent #6,607,331)
Manufacturer: RAM Crane
Boom Length: 120 feet with optional 20 foot extensions
Capacity: 227 metric tonnes
Whip/fast line 5.4 metric tonnes (6 short tons)

MAIN AIR COMPRESSORS

Type/Number: Rotary/2
Output pressure and volume: 150 psi

DIESEL ENGINE GENERATOR SETS

Number: 4
Manufacturer: Caterpillar
Type: 3516 or equivalents
Output: Approximately (1,285 kW)
Usual total daily fuel consumption: 3,300 gals/day estimated
Auxiliary Generator: 400 kW

LIVING QUARTERS

Number of personnel accommodated: 160
Number of Dining Rooms: 1
Seating in Each Dining Room: 80
Recreational Facilities: Located over hospital, meeting room
aft of stern jacking tower.
Hospital: 4 beds, easy access to heli-deck, resuscitators,
rescue stretchers, dangerous drugs locker, and refrigerator
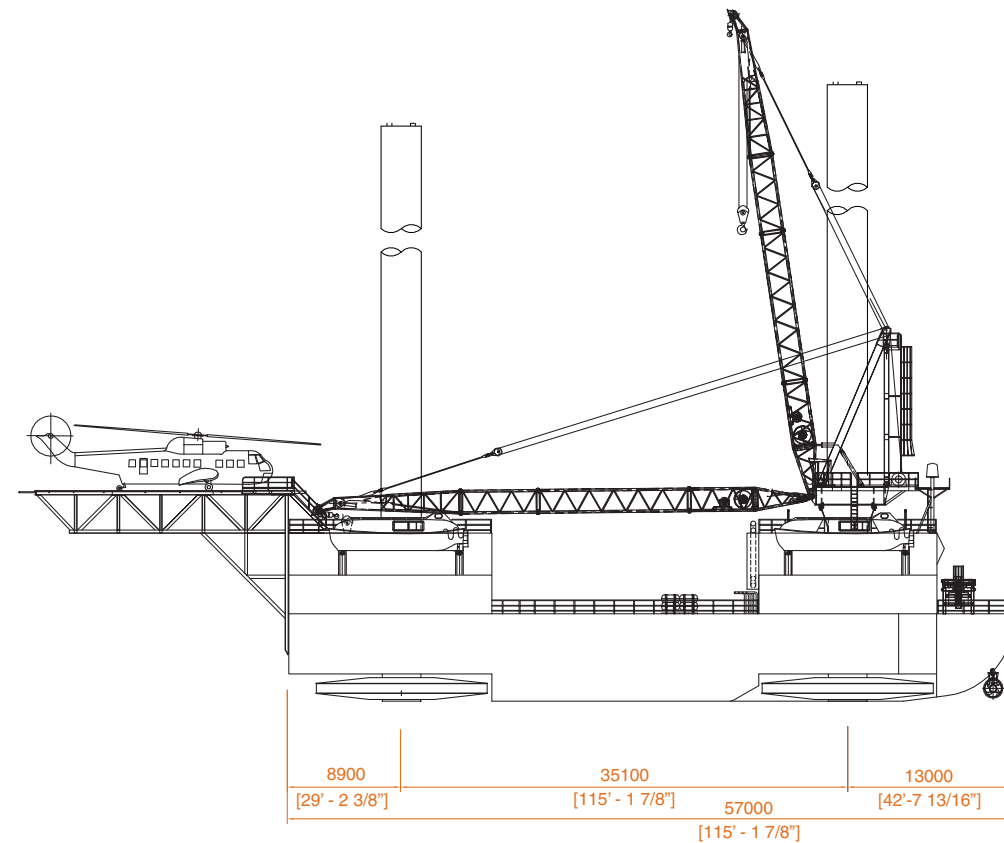
SAFETY EQUIPMENT

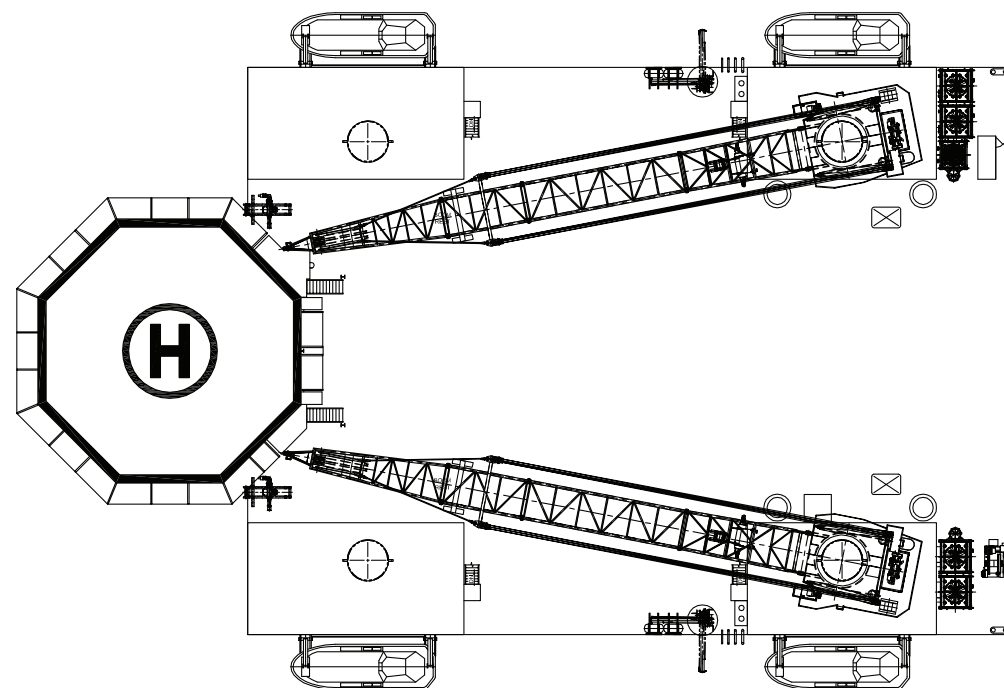Inflatable Life Rafts: 4 x 80 man life rafts

FIRE HYDRANT SYSTEM

Number of Outlets: 3
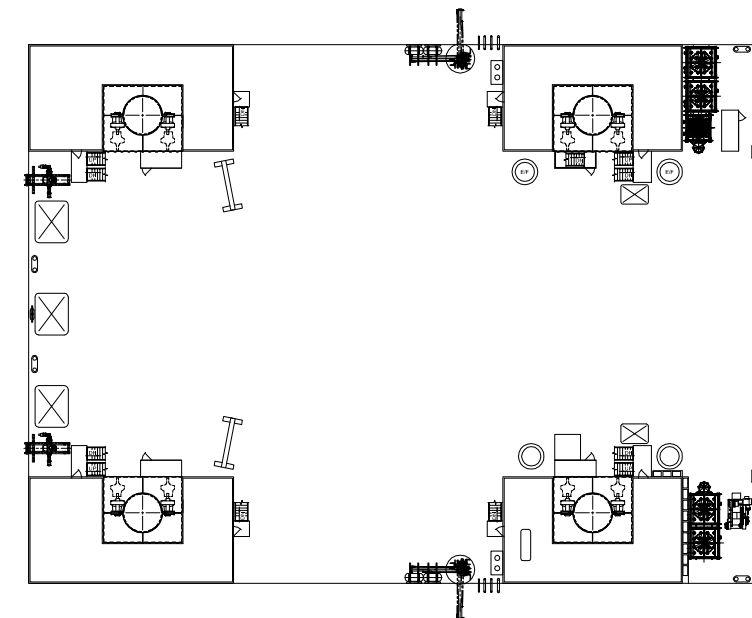Hose Length: 100 ft. aft and 2 at 50 ft. each bow

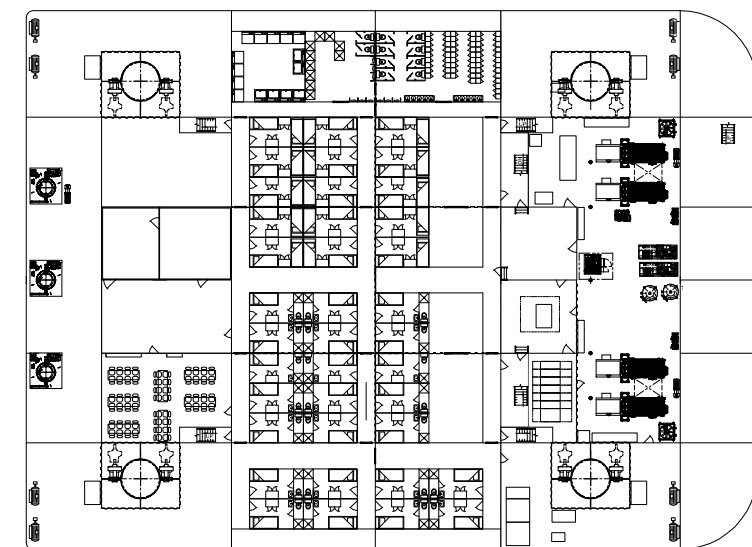## HELI-DECK

Maximum Size / Type: Sikorsky S-92 and S-61

| 8900 | 35100 | 13000 |
| [29' - 2 3/8"] | [115' - 1 7/8"] | [42'-7 13/16"] |

57000
[115' - 1 7/8"]

OUTBOARD PROFILE

MAIN DECK

OVERHEAD VIEW

ACCOMMODATION DECK