

Barge Derrick Crane, BD-6804 (BD 115-TON)

Contributed by Tommy Trampp



MOVEMENT AND MANEUVER

Range/ Speed

Not Self-Propelled
Capable of transoceanic towing

Draft

Light 7 feet

Dimensions

Length 200 ft.
Beam 80 ft.
Depth 14ft. 4 in.

Power Generation Systems

Cummins KTA38G2 Main Diesel Gen 300 kW
Cummins NTA855-G2 Auxiliary Diesel Gen 300 kW

Communications

Secure Marine VHF-FM Radio
VHF Radio Set
1MC Loud Hailer/Public Address
System
21 MC Intercommunications Set
Sound Powered Telephone System
(12-channel)
Dial Telephone System

CAPABILITIES

Lifting Capacity

Main Hoist (14 to 20 feet per minute)

257,600 lbs. at 60 ft.
113,600 lbs. at 175 ft.
Operating radius 60 ft. to 175 ft.

Auxiliary Hoist (79 to 100 feet per minute)

56,000 lbs. at 175 ft.

Whip Hoist (150 to 200 feet per minute)

10,000 lbs. at 175 ft.

Jib Crane (2 Ton)

4,000 lbs.

Jib Crane (1/2 Ton)

1,000 lbs.

Deck Capacity

500 Short Tons w/ max distributed load of
5,000 lbs. per square ft. (reinforced)

Anchoring System

Navy LWT Anchors 2,130 lbs. 3 EA

Fendering System

Provides standoff when conducting up to
150,000 lb. lift from the centerline of a
LMSR using foam-filled 8ft. X 12 ft. long
Yokohama style fenders 4 EA

LOGISTICS

Personnel 14

Fuel Capacity 44,975 gal.

Water Capacity 11,660 gal.

Flash evaporator capable of making 600 gal.
potable water per day

Food Supply Full galley to support 24 HR
operation. Spacious Mess and storage to
support 30 days.

Accommodations

Large state rooms
Recreation Room

Laundry yes

Maintenance

Machine Shop compartment
On-board spare parts listing
Alarm and Monitoring System (flooding)

Life Rafts 2 / 25 people EA

Fire Fighting

Fixed Fire Fighting System (CO2)

Fire Detection System

Fire Pumps 2 EA

Fire Stations 7 EA