

# Logistic Support Vessel (LSV Kuroda Class)



## MOVEMENT AND MANEUVER

### Range/ Speed

Minimum Cruising Range 5,500 NM @ 12.5 knots

### Draft

Designed - 12 ft.

### Estimated Tonnage

3190 tons

### Dimensions

Length 314 ft.

Beam 60 ft.

### Cargo Deck (drive-through)

Square Footage: 12,440

Capacity: 2,000 Short Tons

Containers: 48+ Double-stacked 20 ft.

### Propulsion Plant

CAT 3516B Main Engines rated @ 2260 BHP 2 EA

CAT 3408 powered Tunnel Bow Thruster 1 EA

Electric driven Stern Thruster @7000 lbf. max 1 EA

### Power Generation Systems

CAT 3406B SVC Diesel Generators 320 kW 2 EA

CAT 3304B Emergency Generator 105kW 1 EA

## BRIDGE

### Radar

Raytheon 3 cm and 10 cm 2 EA

ARPA tracks up to 40 targets simultaneously

Range: Up to 96 NM

Electronic Chart Display System (ECDIS)

### AIS

Automatic Information System

### Depth Finder

Sperry system (beaching and shallow water; accurate to 100 ft.) 1 EA

## Communications

Marine Band Radio (DSC 500)

INMARSAT Global System Voice @ Data

Global Maritime Distress & Safety System (GMDSS)

## LOGISTICS

Personnel 32

Fuel Capacity 216,025 gal.

Water Capacity 101,386 gal.

Flash evaporators capable of making 4,000 gal. total potable water per day

Supply Full galley to support 24 HR operation

Medical 2 bed hospital

### Maintenance

Engineers Workshop and Stores

Tool Room storage

Life Raft Cap 4 / 25 people EA

### Fire Fighting

Fixed Fire Fighting System (FM-200)

Water Washdown System

Fire Monitor/Foam Blanketing System

AFFF Tank Capacity 1,964 gal.

Fire Alarm System (Autopulse IQ-301)

Damage Control Console

Fire pumps (electric) 2 EA

Fire Stations 21 EA

Fire Monitors 2 EA