

# M.V. "OCEAN DRUM"

## 4200 BHP Anchor Handling Tug supply Vessels 1100 Tones Cargo Deadweight

### BUILT:

Yokohama Zosen and Teraoka Zosen,  
Japan  
September 1982

### FLAG

Egyptian

Port of registry: Alexandria

Call sign: SSSL

### CLASSIFICATION:

ABS + A1 Supply Vessel+ AMS (E)

IMO NO: 8123004

### Dimensions:

ID No: 622122215

Length Overall: 57.70 m (189'3)

Off No. 4740

Beam Moulded: 12.20 m (40'0")

Reg. No.1785

Depth, 4.5m (14'7")

ABS NO.8208515

Full load draft: 3.9m (12'9")

Hull No. 211

GRT: 897 tons

NRT: 300 tons

### MACHINERY:

#### Main Engine:

P.D rum -2x2100 BHP yammer  
8z280 ET Total 4200BHP  
Kamome controllable pitch driven by  
Yanmar HAS- D, 350, BHP developing  
4 Tones thrust

#### Bow Thruster

3x160 KW, 440V, 60hz alternators  
driven By Yanmar 6HAL-HT  
diesel engines

#### Electrical Generators :

### SPEED AND CONSUMPTION

Speed at 100% MCR 12.5 K

Speed 85% MCR 11.5k

Consumption about 11.5 tones /  
about 7.0 tones/day at

### TOWING AND ANCHOR HANDLING

#### Approximate Bollard Pull:

46 tonnes

#### Winch:

Nitchitsu double drum, Waterfall winch

#### Rated 125/13 tones x2.4/45

Rated 125/13 tones x2.4/45 m/min

Max line pull at 143 tones

Break capacity 190tonnes

600m x51 mm wire

900m x51mm wire

Driven by GM8V-71Nengine with  
Allison

Torque converter engine No 211

3.64 m x1.52 m (25'5") 180tonnes  
SWL

#### Drum capacities:

#### Stem Roller:

### EXTERNAL FIRE FIGHTING

Fitted with 260m3/hr x120 m pump with two monitors on wheelhouse top  
Integral foam tank 7.5 m3 (1500 USG)

Anti Pollution dispersant System fitted with spray booms port and  
starboard

Tank Capacity

7.5m3

### DECK EQUIPMENT :

#### Windlass:

Hydraulic, 2x1500KG. AC 14 Anchors  
plus 2x14 shackles 32 mm chain

#### Bow mooring:

Buoy mooring drum

#### Meters Tugger winch:

5 tones hydraulic winch for  
handling deck Cargo  
2x5 tones electric capstans at stem

#### Capstans:

### CAPACITIES:

#### Deck Cargo:

500tonnes

#### Clear Deck space:

30.7x9.7=297.79 m2

#### Deck Loading:

4.5 tones per m 2

#### Cargo Deadweight:

1063 tones

#### Fuel Oil:

317m3

#### Drill water:

331m3

#### Cargo potable water

109 m3

#### Optional drill /Ballast Water

160 m3

#### Brine / drill water

160m3

#### Liquid Mud cargo

160m3



### Cement / Bulk materials Refrigerated Storage

Smatco pun – tanks 142m3 4x  
35.5m3(5000cu. Ft in 4x 1250 cu ft. tanks  
freezer 8.0 m3 (280cu.ft)  
cooler 7.40 m3 (260cu.ft)

### DISCHARGE PUMP:

#### Fuel Oil

100m3/hr at 50m head

#### Water

100m3/hr at 50m head

#### Bulk material

About 40 tones x30m/ head x 100 m distance  
2x Tanabe air compressors 13.0 m /min x3.15kg /cm2  
(460CFM x45 PSI)

### ACCOMMODATION:

#### Officer

4x1 berth

#### Crew

3x2 berth

1x1berth

#### Charters

2x6 berth

1x Recreation / mess room

#### Total

23berth

All accommodation fully air – conditioned with duplicated machine for redundancy.

### ELECTRONICS

#### Gyro Compass

MK ES Tokyo – Keiki

#### Auto pilot:

Available

#### Radar Main

Furuno FR 7062 display 12"-72Mile Stabilized Gyro

#### Echo Sounder

Furuno DCV-667

#### MF/HF(R.T)

JRC (JSB-176SSB)

#### G.P.S

Furuno GP-90

#### NAVTEX

Lokata

#### V.H.F (1)

Sailor Compact RT 2048

#### V.H.F (2)

Sailor Compact RT 2048

#### GMDSS

Radio Station A2 Consist of  
- V.H.F STR 8400 ICOM

-V.H.F DSC

- M.F /H.F ICOM – M710

- MF/ H.F (DSC)

- 3 Units Hand held V.H.F. Navico

Furuno FA-100

#### A.I.S

#### Security Alert

Furuno – Felcom 16

Electronic Chart system Available

### MISCELLANEOUS:

Wood sheathed main deck. Cargo control center in wheelhouse with Nitto.

Seiko electronic liquid cargo flow meters, incorporating printout meters

Meters for ships fuel consumption. Trailing flap rudder for increased.

Maneuverability Zodiac inflatable Workboat four reefer electrical Out lets.

### Contacts

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