



BUILT 1985 - MOTOR SHIP TUG BOAT

General Details :

Type : Motor Ship Tug Boat
Built : August 1985
Classification : IRS

AUX ENGINE

Make : YANMAR-5
KDL
Power : 115HP X 1200RPM
G.E. Output : 90 KVA X MS 70
Consumption : 12 to 15 Per Eng./ Hr.
Air Compressor : Matsubara 30kg/cm² x 2 sets
Capacity
Oily Water Separator : Mitsubishi S6N-Mptk
540Hp
Capacity : TT M03 / 0.3 m³h x 1 set



PRINCIPAL DIMENSIONS

Length (Over All) : 31.27 m
Length (Registered) : 28.14 m
Beam (Registered) : 9.6 m
Depth (Registered) : 4.29 m
Draft (Summer) : 3.55 m
Gross / NRT : 332 / 99 tons
Present Bollard Pull : 34 tons

TANK CAPACITY

Fuel oil Tank : 76 tons
Fresh Water Tank : 37 tons
Lubricating Oil Tank : 5.8 tons

Speed (Full) : 10 Knots (Approx. in Calm Weather)
Present Economical Speed : 7.0 Kts @ 5.5kl MGO
Av Towing Speed (Subject to Weather conditions) : 3.5 kts

DECK EQUIPMENT

(Forward)
Windlass / towing Winch : Eletro Hyd. Towing winch 1 set
Maker : Azuma Tekko
Anchor x Anchor Chain : 490 kg x 150m x 02 Sets
Winch Capacity : 15 / 30 m/min
Drum Rope Capacity : 150 mts
Break Power : 60 tons
(After)
Towing Winch : Eletro Hyd. Towing Winch x 1 set
Maker : Azuma Tekko
Winch Capacity : 15 / 30 m/min
Drum Capacity : 650 mtrs.
Break Power : 60 tons

NAVIGATIONAL EQUIPMENT

Marine Radar : JRC JMA-5106 International
VHF Radio : JRC JHS-33A
VHF Radio with DSC : FURUNO - FM 8800S

MF/HF Marine Trans Recv. : ICOM / IC - M710
GPS : JRC JLU128
SSB : ICOM M.C.H. IC-721
Echo Sounder : Taiyo / TE-1730
Ditto : Furuno FE-502NA
Speed Log : Furuno MF-220
Gyro Compass : Tokyokeiki / ES-11A
Magnetic Compass : Saura T -1502F
Auto Pilot : Tokimee / PR -10-85
EPIRB : GME / MT-403FF
Navtex (Japanese) : JRC NDR -3004
SAT-C : Furuno / Felcom 15
SAT-C Contact : 441901062
2 Ways Radio (GMDSS) : ICOM / IC-GM 1500 x3
AIS : Furuno FA-150

LIFE SAVING APPARATUS

Life Jackets : 16 nos
Life Buoy : 06 nos.
Life Rafts : 02 nos.

FIRE EXTINGUISHING

Mech. Foam FE : 09 Ltrs. X 04 nos.
Water type FE : 09 Ltrs. X 04 nos.
Mech. Form (Liquid) : 09 Ltrs. X 04 nos.
DCP (Cartridge & Powder) : 05 KG. X 02 nos each
Mech Foam (Cartridge) : 50 Ltrs X 01 no.
Mech Foam (Liquid) : 50 Ltrs X 01 no.
Fire Bucket : 04 nos.
FiFi pump Capacity : 790m³/h x 13kg/cm² x 1 set
Monitor (Bridge Top) : 6000 L/min x 1 set
Monitor (Mast Top) : 6000 L/min x 1 set

ACCOMMODATIONS

Crew : 07 nos.
Officer : 04 nos