

TUG CHARLES A

GENERAL PARTICULARS

TYPE	Steel Twin Screw Ocean Tug
BUILT	1979, Offshore Shipbuilders, Inc.
OFFICIAL NUMBER	608953
CLASSIFICATION	ABS International Load Line
PORT OF REGISTRY	Tampa, FL
CALL SIGN	WDA 5403

MACHINERY

MAIN ENGINES	2 ea. GM 16V149 1800 HP @ 1600 RPM
REDUCTION GEARS	2 ea. Twin Disk 540 6:18:1 reduction
GENERATORS	2 ea. Delco 50kw
GENERATORS ENGINE	2 ea. 4-71 Detroit Diesel
SHAFTING	7"
WHEELS	80" x 57", 4-blade SS in Kort nozzles

TANKAGE

FUEL	41,000 Gallons
HYDRAULIC OIL	150 Gallons
LUBE OIL	850 Gallons
DIRTY OIL	620 Gallons
POTABLE WATER	3,800 Gallons

FIRE FIGHTING/LIFESAVING EQUIPMENT

LIFE SAVING	6 - Man Liferaft. Immersion Suits, Life Preservers And Work Vests
FIRE FIGHTING	Portable Fire Extinguishers

DIMENSIONS

LOA	84.6 Feet
HEIGHT OF EYE	21 Feet
BEAM	28 Feet
TONNAGES	187 Gross 118 Net
DRAFT	Min 9' Feet

TOWING GEAR

WINCH	-Markey TDS-20 (100,000 lb Line Pull) Split Drum -Integral stern roller with pop up rollers -Primary tow wire 1.5" x1500' Secondary Tow Wire 1.5" x 1500'
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NAVIGATION/COMMUNICATIONS

STEERING	EMI Systems with Simrad AP-50 auto pilot
FATHOMETER	Furuno LS-6100
GYRO COMPASS	Robertson RGC-10
VHF	2 ea. Icom
RADAR	1 ea. Furuno RDP-150, RDP- 118
SSB	Furuno FS-1503
GPS	1 ea. Furuno, GP-32, GP-31