

TUG CHARLES A

GENERAL PARTICULARS

TYPE	Steel Twin Screw Ocean Tug
BUILT	1979, Offshore Shipbuilders,
ON/IMO# CALL SIGN	608953/ 8424202/ WDH3585
CLASSIFICATION	Load Line Certification, US 46 CFR Subchapter M Audit
PORT OF REGISTRY	Tampa, FL

MACHINERY

MAIN ENGINES	2 ea. GM 16V149 1800 HP @ 1600 RP
REDUCTION GEARS	2 ea. Twin Disk 540 6:18:1 reduction
GENERATORS	(2) Delco 50kw
GENERATOR ENGINES	2 EA. 4-71 Detroit Diesels
SHAFTING	7'
WHEELS	80" x 57", 4-blade SS in Kort Nozzle

DIMENSIONS

LOA	84.6 Feet
HEIGHT OF EYE	21 Feet
BEAM	28 Feet
DRAFT	11.5 Feet
AIR DRAFT	53 ft (mast up) 30 (down)
TONNAGES	206 GT ITC 61 NT ITC 187 GRT 118 NRT

TANKAGE

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

FIRE FIGHTING/ LIFE SAVING/EQUIPMENT

LIFE SAVING	10 - Man Life Rafts Immersion Suits, Life Preservers, EPRIB, Defibrillator, First Aid, Flares Smoke, Parachute Flares Line Throwing Gun
FIRE FIGHTING	Semi Portable Fire Extinguisher, Portable Extinguishers, (4) SCBA

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" x 1500'
	Secondary Tow Wire 1.5" x 1500
	Assorted Shackles Wire-synthetic bridals Pendant and Intermediate Lines
PUSHGEAR	Amsteel Blue Push Cable Lines Fairleads, shivs, synthetic lines

NAVIGATION/COMMUNICATIONS

STEERING	EMI Systems with SIMRAD AP-50 auto pilot
FATHOMETER	Furuno LS-6100
GYRO COMPASS	Robertson RGC-10
VHF	(2) Standard Horizon
RADAR	(2) Furuno
GPS	Furuno
ELECTRONIC CHARTS	(2) Rose Point
SATELLITE COMMS	Inmarsat w/ talk & Data