

TUG RACHEL

3800 HP / 45.59 Tons BP

ABS A1 Class Tug

US Flag / Jones Act Towing Vessel



TradeWinds Towing



Particulars

Year Built:	1976
Builder:	Allied Shipyard
Hull & Machinery:	ABS Class + A1 Towing + AMS
Official #:	576417
IMO #:	7600378
Radio Call Sign:	WDF7809

Propulsion

Main Engine:	2 ea. Caterpillar 3516
Horsepower:	3800 HP
Bollard Pull:	89,190 lbs (44.59 short tons)
Marine gears:	2 ea. Reintjes 6.8:1
Kort nozzles	
Tug has shaft brakes	

Salvage Gear

Diesel Pumps:	2 ea. 3" trash pumps
Welding Machine	Yes
Amsteel Blue Spectra Line	275' of 3.25" dia (10" circ)

Dimensions

LOA:	110.0' (33.5m)
Breadth:	31.0' (9.4m)
Draft:	13.5' (4.1m)
GRT Domestic:	196 tons
GRT International:	344 tons
Range:	32 days towing/60 days utility
Berthing:	6 cabins, 10 berths

Towing Equipment

Winch:	Intercon DD2200
Port Tow Wire:	2000' x 2" (51mm)
Starboard Wire:	1800' x 2" (51mm)
Towing Hawser:	Full complement, various sizes
Bow Capstan:	Yes
Misc:	Towing shackles, wire bridles, portable running/barge lights

Tankage

Diesel:	86,000 gal (280 MT)
Lube Oil:	1,650 gal
Potable Water:	12,000 gal
FCI Aquamiser 1200GPD water maker	

Firefighting

Fire Pump:	450 GPM
Fire Hoses:	2 ea. 1.5" x 65'
Fixed System:	CO-2

Electronics

Equipped with modern electronics and alarm systems; Gyro compass; Rosepoint ECS; Iridium OpenPort satellite phone and email