

DANIEL FOSS



FOSS

VESSEL SHEET

Official # 581354

ABS # 7705893

IMO # 7638454

Hull # 319



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Vessel Escort
CLASS NOTATIONS	ABS Load Line ✠ A1 Towing Vessel ✠ AMS
HAILING PORT	Seattle, WA
CALL SIGN	WTS3171
KEEL LAID	
DELIVERY	March 31, 1977
REBUILT	1998
BUILDER	Main Iron Works, Houma, LA

MACHINERY	
CONFIGURATION	Z-Drive Tractor
MAIN ENGINE	(2) CAT 3512B EPA Tier 1
REDUCTION GEAR	(2) Ulstein 900H Z-Drive
PROPELLER	(2) 72" Dia. 4 Bladed, Fixed Pitch
DRIVES/NOZZLES	(2) Ulstein 900H Z-Drive
TOTAL RATED HP	3,300 BHP @ 1,650 RPM
BOLLARD PULL	43.00 ST (39.01 MT) Ahead 39.50 ST (35.83 MT) Astern
MAIN GENSET	(2) Detroit Diesel 6-71 Genset, 75 kWe, 480V
AUX GENSET	(1) Detroit Diesel 4-71 Tow Cat Genset
FIRE PUMP	Peabody Barnes

DIMENSIONS	
REG. GT.	192
REG. NT.	130
ITC GT.	261
ITC NT.	78
DRAFT MIN	
DRAFT MAX	
REG. LENGTH	94.7'
REG. BREADTH	32'
MOULDED DEPTH	15'-1/2"
LENGTH OVERALL	97'-10"
BEAM OVERALL	36'
AIR DRAFT	
DISPLACEMENT	538 LT

REGULATORY	
ABS LL	Y
ABS CLASS	N
USCG INSP	Y
REGISTRY	Y
COASTWISE	Y
SOLAS	N

CREWING REQ.	
DOM. < 600 NM	
INTL OR > 600 NM	
MAX. BERTHS	6

TANK CAPACITIES	
FUEL CAPACITY	37,500 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	
WASTE OIL	
BALLAST	
HOLDING TANKS	
LUBE OIL	1,050 gal
POTABLE WATER	2,100 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	1,500 LBF, 630' of 1-1/8" Chain
BOW WINCH	Markey DYSW-32-18
BOW LINE	425' of 6" Circ. Plasma 12x12
BOW LINE PULL & BRAKE CAPACITY	Mid-Drum: 15,000 LBF @ 185 FT/MIN & 300,000 LBF Brake Capacity
TOW WINCH	Markey TDSD-32 Double Drum
TOW LINE	2000' of 1-3/4" Dia Wire Rope & 600' of 10" Circ. Plasma
TOW LINE PULL & BRAKE CAPACITY	Average Layer: 27,000 LBF @ 120 FT/MIN & 1st Layer 135,000 LBF Brake Capacity

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ALWAYS SAFE. ALWAYS READY.

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