

# ANDREW FOSS



**FOSS**

## VESSEL SHEET

Official # 650273

ABS # 8209224

IMO # 8127543

Hull # 438



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Vessel Escort
CLASS NOTATIONS	ABS Load Line Built to A1 Towing Vessel Built to AMS
HAILING PORT	Seattle, WA
CALL SIGN	WRB5166
KEEL LAID	
DELIVERY	September 30, 1982
REBUILT	
BUILDER	Tacoma Boat Building, Tacoma, WA

MACHINERY	
CONFIGURATION	Voith Tractor
MAIN ENGINE	(2) EMD 16-645-E6
REDUCTION GEAR	Voith AD 45-FH
PROPELLER	(2) 5 Bladed Voith Cycloidal Propellers
DRIVES/NOZZLES	
TOTAL RATED HP	4,000 BHP @ 900 RPM
BOLLARD PULL	46.13 ST (41.84 MT) Ahead
MAIN GENSET	(2) Detroit Diesel 6-71 Genset
AUX GENSET	
FIRE PUMP	100 & 900 GPM

DIMENSIONS	
REG. GT.	298
REG. NT.	203
ITC GT.	372
ITC NT.	111
DRAFT MIN	11.8'
DRAFT MAX	17'
REG. LENGTH	106.7'
REG. BREADTH	38.2'
MOULDED DEPTH	14'-3"
LENGTH OVERALL	106.7'
BEAM OVERALL	38'-3"
AIR DRAFT	50'-6"
DISPLACEMENT	683 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	

TANK CAPACITIES	
FUEL CAPACITY	50,550 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	2,100 gal
WASTE OIL	
BALLAST	
HOLDING TANKS	
LUBE OIL	2,400 gal
POTABLE WATER	5,400 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	1,500 LBF, 540' of 1-1/8" Chain
BOW WINCH	Intercon HSW-40 W/ Stbd Capstan
BOW LINE	150' of 5" Circ. Plasma
BOW LINE PULL & BRAKE CAPACITY	
TOW WINCH	Intercon SD-200 Single Drum
TOW LINE	(2) 305' of 8" Circ. Plasma 12x12, 7" Eye
TOW LINE PULL & BRAKE CAPACITY	Mid-Drum: 45,000 LBF @ 60 FT/MIN & 200,000 LBF Brake Capacity

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