

# BRYNN FOSS



**FOSS**

## VESSEL SHEET

Official # 650274

ABS # 8209539

IMO # 8127567

Hull # 440



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Ship Escort
CLASS NOTATIONS	Built to A1 Towing Vessel Built to AMS
HAILING PORT	Seattle, WA
CALL SIGN	WTT8531
KEEL LAID	
DELIVERY	1982
REBUILT	2005-2007
BUILDER	Tacoma Boat Building, Tacoma, WA

MACHINERY	
CONFIGURATION	Voith Tractor
MAIN ENGINE	(2) EMD 12-645-E6 & (1) Cummins 16QSK50
REDUCTION GEAR	(2) Voith AD 45-FH (size 28)
PROPELLER	(2) 5 Bladed Voith Cycloidal
DRIVES/NOZZLES	(1) Schottel SRP 1212 Z-Drive
TOTAL RATED HP	(2) EMD @3000 Hp, (1) Cummins @1700 Hp
BOLLARD PULL	52.60 ST (47.72 MT) Ahead 44.85 ST (40.69 MT) Astern
MAIN GENSET	(2) John Deere 6068 Tier 2 @99KW
AUX GENSET	(2) Independent Gens
FIRE PUMP	Peabody

DIMENSIONS	
REG. GT.	194
REG. NT.	132
ITC GT.	320
ITC NT.	96
DRAFT MIN	11.7'
DRAFT MAX	16.2'
REG. LENGTH	93.6'
REG. BREADTH	36'
MOULDED DEPTH	13'-6"
LENGTH OVERALL	100'
BEAM OVERALL	39'-6"
AIR DRAFT	47'-8"
DISPLACEMENT	

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		8

TANK CAPACITIES	
FUEL CAPACITY	35,000 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	550 gal
WASTE OIL	600 gal
BALLAST	
HOLDING TANKS	Waste Oil, VSP, Hyd, Aux LO
LUBE OIL	2,300 gal
POTABLE WATER	5,000 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	1,500 LBF w/ 630' of 1-1/8" Chain
BOW WINCH	Intercon HSW-40
BOW LINE	200' of 8" Circ. RP-12 Polyester
BOW LINE PULL & BRAKE CAPACITY	
TOW WINCH	Intercon SD-200 Single Drum
TOW LINE	200' of 10" Circ. RP-12 Polyester
TOW LINE PULL & BRAKE CAPACITY	

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**ALWAYS SAFE. ALWAYS READY.**

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