

# BERING WIND

## VESSEL SHEET

Official # 1177724

ABS # 05172525

IMO # 9369198

Hull # 4



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Vessel Escort
CLASS NOTATIONS	Built to A1 Towing Vessel COI SUB-M
HAILING PORT	Anchorage, AK
CALL SIGN	WDK5618
KEEL LAID	January 1, 2005
DELIVERY	2005
REBUILT	2011 Hybrid Conversion
BUILDER	Foss Shipyard, Rainier, OR

MACHINERY	
CONFIGURATION	Hybrid Twin ASD Tug
MAIN ENGINE	(2) CAT 3512B EPA Tier 1
REDUCTION GEAR	
PROPELLER	(2) 94.5" Dia. 4 Bladed, 82.8" Fixed Pitch
DRIVES/NOZZLES	(2) Rolls Royce US205 P20 Z-Drives
TOTAL RATED HP	5,080 BHP @ 1,800 RPM
BOLLARD PULL	62.33 ST (56.54 MT) Ahead 67.88 ST (61.58 MT) Astern
MAIN GENSET	(1) MTU S60 Genset, 350 kWe, EPA Tier 2
AUX GENSET	(1) John Deere 6081AFM75 Genset, 125 kWe, 480V
FIRE PUMP	1

DIMENSIONS	
REG. GT.	144
REG. NT.	98
ITC GT.	
ITC NT.	
DRAFT MIN	13.50'
DRAFT MAX	15'
REG. LENGTH	73.4'
REG. BREADTH	34'
MOULDED DEPTH	12'-4"
LENGTH OVERALL	78'
BEAM OVERALL	38'
AIR DRAFT	34'-6"
DISPLACEMENT	300 LT

REGULATORY	
ABS LL	N
ABS CLASS	N
USCG INSP	Y
REGISTRY	Y
COASTWISE	Y
OCEANS	y

CREWING REQ.	
DOM. < 600 NM	3
INTL OR > 600 NM	4
MAX. BERTHS	4

TANK CAPACITIES	
FUEL CAPACITY	10,600 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	250 gal
WASTE OIL	
BALLAST	10,500 gal
HOLDING TANKS	
LUBE OIL	340 gal
POTABLE WATER	450 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	
BOW WINCH	Markey DEPGF-42 Single Drum
BOW LINE	600' of 2-1/8" Circ. AmSteel Blue
BOW LINE PULL & BRAKE CAPACITY	1st Layer: 29,440 LBF @ 76 FT/MIN & 400,000 LBF Brake Capacity
TOW WINCH	Markey DEPC-32 Single Drum
TOW LINE	300' of 6-1/2" Circ. AmSteel Blue
TOW LINE PULL & BRAKE CAPACITY	1st Layer: 11,350 LBF @ 50 FT/MIN & 17,000 LBF Brake Capacity

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**Alaska's Tug & Barge Company**

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