

# ANDREW FOSS

## VESSEL SHEET



**FOSS**

OFFICIAL #: 650273

ABS #: 8209224

LR / IMO #: 8127543



DIMENSIONS	
REG. GT.	298
REG. NT.	203
ITC GR TONS	372
ITC NT TONS	111
REGULAT. GT	298
REGULAT. NT	203
DRAFT MIN	11.8'
DRAFT MAX	17' ft.
REG. LENGTH	106.7'
REG. BREADTH	38.2'
REG. DEPTH	14.3'
LOA	106.7'
MAX BREADTH	41.7'
MIN HEIGHT	38.5'
MAX HEIGHT	50.5'
DISPLACEMENT	765 ST

REGULATORY	
ABS LL	Y
ABS CL	N
USCG INSP	N
REGISTRY	Y
COASTWISE	Y
TITLE XI	N
CCF	N
SOLAS	N

CREWING REQS	
FULL OCEAN	4
OCEAN CREW	6
SHORT CREW	3

VESSEL DESCRIPTION	
VSL TYPE	Voith Tractor Tug
SERVICE	Ship assist / vessel escort
CALLSIGN	WRB5166
HAIL. PORT	Seattle, WA
OLD NAMES	
DATE BUILT	1982
REBUILT	
BUILDER	Tacoma Boatbuilding

MACHINERY	
CONFIG	Twin Screw
ME [# ,TYPE]	2 GM EMD 16-645-E6
RED. GEAR	2 Voith AD 45-FH, 15:1
PROPELLER	2 / 5 blades Voith Cycloidal
TAILSHAFT (S)	
ME COOLING	Raw Water/Heat Exchanger
MAX ME RPM	900
RATED HP	4,000 HP
CBHP	3,900
BOW	
BOLLPULL	108,000 ahead 81,600 astern
AUX #1	GM Detroit-6-71, 1200 RPM, 7 RW/HX Hyd pump off PTO
AUX #2	GM Detroit 6-71, 1200 RMP, 7 RW/HX, Hyd pump off PTO
AUX#3	

ELECTRONICS	
AUTO PILOT	Sperry RP 680
GYRO COMP	Sperry SR 130
RADAR #1	Decca Bridemaster II
#2	Racal-Decca RM970
#3	
LORAN #1	
#2	
SAT NAV #1	NavTrac GPS
#2	
WEATHER FAX	
GMDSS	
FATHOM	Raytheon F720 D
VHF #1	SEA 156
#2	SEA 157
#3	
PORTABLE VHF	Standard HX220S 2+2
UNF/PRIVACY	Nextel
CITIZEN BRAND	
SSB #1	
#2	
CELLULAR	Nextel
MARINE RADIO	
ALARM PANEL	Argus
LOUD HAILER	Sea 857
FACSIMILE	
SOUND PHONE	Henschel
INTERCOM	JBC Loud Hailer
MAG COMPASS	Carson and Plath
GPS	Trimble NT 200D
DIRECT FIND	
EPIRB	

TANKS [ # / TOTAL CAPACITY]	
FUEL	6 / 50,550 gal
HYDRAULIC	2,100 gal
FOAM	N/A
BALLAST	
LUBE	2,400 gal
WATER	2 / 5,400 gal

DECK GEAR	
ANCHOR GEAR	1500 # w/6 shots of 1-1/8" chain
BOW WINCH	Intercon HSW-40 w/ stbd capstan
BOW WIRE	5" Plasma 150'
TOW WINCH	Intercon SD-200 single drum
TOW WIRE	8" x 12x12 Plasma 305', 7' eye
TOW WIRE #2	8" 12x12 Plasma 305', 7' eye
DECK CRANE	N/A
DK CRANE #2	
UNDER RIDER	
STERN LINE	
WORK BOAT	

ENGINE ROOM EQUIPMENT	
MSD	
FIRE PUMP	100 & 900 GPM
HOSE CONN	
MONITOR	
FIXED SYS	
FUEL TRAN	
STEERING	

REMARKS		
GMDSS:	SAT Phone:	AIS Unit:
Bow thruster: None		Sister vessel: Arthur Foss