

# LEISA FLORENCE



**FOSS**

## VESSEL SHEET

Official # 1301266

ABS #

IMO # 9921752

Hull # S193



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist/Escort Barge Handling
CLASS NOTATIONS	ABS Load Line A1 Towing Vessel (optional) A1 Escort Vessel (optional) AMS, UWILD (optional)
HAILING PORT	Seattle, WA
CALL SIGN	WDL8692
KEEL LAID	June 3, 2019
DELIVERY	December 31, 2020
REBUILT	N/A
BUILDER	Nichols Brothers Boat Builders, Freeland, WA

MACHINERY	
CONFIGURATION	Twin ASD Tug
MAIN ENGINE	(2) MTU 16V4000M65L EPA Tier 4
REDUCTION GEAR	N/A
PROPELLER	(4) 110.24" Fix Blades
DRIVES/NOZZLES	(2) Kongsberg US255 P30 Z-Drives
TOTAL RATED HP	6,866 BHP @ 1,800 RPM
BOLLARD PULL	55 ST Ahead / 90 ST Astern
MAIN GENSET	(2) John Deere 6068AFM85 Genset, (1) John Deere 4045TFM85 @65KW
AUX GENSET	(3) Gens, all will parallel
FIRE PUMP	Flowserve 100HP SLR19A 900GPM

DIMENSIONS	
REG. GT.	196
REG. NT.	134
ITC GT.	418
ITC NT.	125
DRAFT MIN	15'-11"
DRAFT MAX	19'-6"
REG. LENGTH	100'-0"
REG. BREADTH	40'-0"
MOULDED DEPTH	16.5'
LENGTH OVERALL	103'-9"
BEAM OVERALL	40'-0"
AIR DRAFT	47'-11"
DISPLACEMENT	753 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		8

TANK CAPACITIES	
FUEL CAPACITY	72,500 gal
FUEL TYPE	MGO
UREA	5,600 gal
HYDRAULIC	N/A
WASTE OIL	2,040 gal
BALLAST	19,827 gal
HOLDING TANKS	Sewage, Dirty Oil, Potable
LUBE OIL	1,288 gal
POTABLE WATER	1,100 gal
NON-POTABLE	N/A

DECK GEAR	
ANCHOR GEAR	1,000 lb w/ 450' of 7/8" chain
BOW WINCH	Markey DEPGF-52R (Escort)
BOW LINE	525' of 9" Circ. Plasma 12 x 12
BOW LINE PULL & BRAKE CAPACITY	40,382 lbs Pull / 685,041 lbs Brake Capacity
STERN WINCH	Markey DEPC-32
STERN LINE	250' of 6.5" 12x12 Circ. Synthetic line
STERN WINCH TOW LINE PULL & BRAKE CAPACITY	17,000 lbs Pull / 216,936 lbs Brake Capacity

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3/26/2021