

CADEN FOSS

VESSEL SHEET

Official # 1274217

ABS # 17268738

IMO #

Hull # 105



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Ship Escort Emergency Towing
CLASS NOTATIONS	✠ A1 Towing Vessel Escort Vessel ✠AMS
HAILING PORT	San Francisco, CA
CALL SIGN	WDJ6190
KEEL LAID	December 15, 2016
DELIVERY	July 18, 2017
REBUILT	
BUILDER	JT Marine, Vancouver, WA

MACHINERY	
CONFIGURATION	Twin ASD Tug
MAIN ENGINE	(2) CAT 3516E EPA Tier 4
REDUCTION GEAR	(2) Rolls Royce US255 P30 Z-Drives
PROPELLER	(2) 110" Dia. 4 Bladed, 95.9" Fixed Pitch
DRIVES/NOZZLES	(2) Rolls Royce US255 P30 Z-Drives
TOTAL RATED HP	6,768 BHP @ 1,800 RPM
BOLLARD PULL	92.10 ST (83.55 MT) Ahead 91.10 ST (82.64 MT) Astern
MAIN GENSET	(2) CAT C7.1 Genset, 150 kW, 480V, EPA Tier 3
AUX GENSET	(1) CAT C4.4 Harbor Genset, 75 kW, 480V
FIRE PUMP	Stang

DIMENSIONS	
REG. GT.	195
REG. NT.	132
ITC GT.	497
ITC NT.	149
DRAFT MIN	18'
DRAFT MAX	20'
REG. LENGTH	110'
REG. BREADTH	39.7'
MOULDED DEPTH	
LENGTH OVERALL	113'
BEAM OVERALL	40'
AIR DRAFT	51'
DISPLACEMENT	

REGULATORY		
ABS LL		Y
ABS CLASS		Y
USCG INSP		Y
REGISTRY		Y
COASTWISE		Y
SOLAS		N

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

TANK CAPACITIES	
FUEL CAPACITY	122,889 gal
FUEL TYPE	MGO
UREA	3,000 gal
HYDRAULIC	
WASTE OIL	2,380 gal
BALLAST	
HOLDING TANKS	OB Water, Waste Oil, Sewag
LUBE OIL	1740
POTABLE WATER	9453
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	
BOW WINCH	Markey DEPCF-52
BOW LINE	
BOW LINE PULL & BRAKE CAPACITY	
TOW WINCH	Rapp AHTW-75E
TOW LINE	2,500' of 2-1/2" Wire Rope & 600' of 9" Circ. Plasma
TOW LINE PULL & BRAKE CAPACITY	

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