

CAROLYN DOROTHY



FOSS

VESSEL SHEET

Official # 1216669

ABS # 08218843

IMO # 9552288

Hull # 11



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Vessel Escort
CLASS NOTATIONS	Built to A1 Towing Vessel
HAILING PORT	Long Beach, CA
CALL SIGN	WDE6786
KEEL LAID	
DELIVERY	2008
REBUILT	
BUILDER	Foss Shipyard, Rainier, OR

MACHINERY	
CONFIGURATION	Diesel-Electric Hybrid Twin ASD
MAIN ENGINE	(2) Cummins QSK50, EPA Tier 2
REDUCTION GEAR	(2) Rolls Royce US205 P20 Z-Drives
PROPELLER	(2) 94.5" Dia. 4 Bladed, Fixed Pitch
DRIVES/NOZZLES	(2) Rolls Royce US205 P20 Z-Drives
TOTAL RATED HP	3,600 BHP @ 1,800 RPM
BOLLARD PULL	58.72 ST (53.27 MT) Ahead 56.86 ST (51.58 MT) Astern
MAIN GENSET	(2) Cummins QSM11 Genset, 300 kWe, 480V
AUX GENSET	
FIRE PUMP	

DIMENSIONS	
REG. GT.	145
REG. NT.	98
ITC GT.	
ITC NT.	
DRAFT MIN	
DRAFT MAX	15'-6"
REG. LENGTH	78'
REG. BREADTH	34'
MOULDED DEPTH	14'
LENGTH OVERALL	78'
BEAM OVERALL	
AIR DRAFT	
DISPLACEMENT	300 LT

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

TANK CAPACITIES	
FUEL CAPACITY	9,500 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	
WASTE OIL	
BALLAST	
HOLDING TANKS	
LUBE OIL	
POTABLE WATER	500 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	
BOW WINCH	Markey DEPGF-42-HYBRID
BOW LINE	500' of 8-1/2" Circ. Plasma & 70'x15" Circ. Poly Stretch
BOW LINE PULL & BRAKE CAPACITY	1st Layer: 28,973 LBF @ 77 FT/MIN & 620,323 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

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

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ALWAYS SAFE. ALWAYS READY.

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