



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Vessel Escort
CLASS NOTATIONS	Built to A1 Towing Vessel
HAILING PORT	Honolulu, HI
CALL SIGN	WDH9684
KEEL LAID	
DELIVERY	2004
REBUILT	
BUILDER	Foss Shipyard, Rainier, OR

MACHINERY	
CONFIGURATION	Twin ASD Tug
MAIN ENGINE	(2) CAT 3512B EPA Tier 1
REDUCTION GEAR	(2) Rolls Royce US205 P20 Z-Drives
PROPELLER	(2) 90.5" Dia. 4 Bladed Fixed Pitch
DRIVES/NOZZLES	(2) Rolls Royce US205 P20 Z-Drives
TOTAL RATED HP	4,730 BHP @ 1,800 RPM
BOLLARD PULL	60.57 ST (54.95 MT)
MAIN GENSET	(2) MITSUBISHI 6D16T Genset, 115 kW, 480V (144 kVA)
AUX GENSET	Two independent Gens
FIRE PUMP	

DIMENSIONS	
REG. GT.	160
REG. NT.	109
ITC GT.	
ITC NT.	
DRAFT MIN	14'
DRAFT MAX	
REG. LENGTH	
REG. BREADTH	34'
MOULDED DEPTH	
LENGTH OVERALL	78'
BEAM OVERALL	34'
AIR DRAFT	
DISPLACEMENT	

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

CREWING REQ.	
DOM. < 600 NM	
INTL OR > 600 NM	
MAX. BERTHS	0

TANK CAPACITIES	
FUEL CAPACITY	10,672 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	
WASTE OIL	
BALLAST	
HOLDING TANKS	Dirty Oil
LUBE OIL	300 gal
POTABLE WATER	500 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	
BOW WINCH	Markey DEPCF-48 Single Drum
BOW LINE	500' of 7-1/2" Circ. Plasma 12x12
BOW LINE PULL & BRAKE CAPACITY	1st Layer: 27,700 LBF @ 53 FT/MIN & 350,000 LBF Brake Capacity
TOW WINCH	
TOW LINE	
TOW LINE PULL & BRAKE CAPACITY	