

# PI'ILANI

## VESSEL SHEET

Official # 1172744

ABS #

IMO # 9369186

Hull # 3



**FOSS**



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Vessel Escort
CLASS NOTATIONS	Built to A1 Towing Vessel
HAILING PORT	Honolulu, HI
CALL SIGN	WDE7117
KEEL LAID	
DELIVERY	2005
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) 94.5" Dia. 4 Bladed, Fixed Pitch
DRIVES/NOZZLES	(2) Rolls Royce US205 P20 Z-Drives
TOTAL RATED HP	5,080 BHP @ 1,800 RPM
BOLLARD PULL	63.95 ST (58.01 MT)
MAIN GENSET	(2) John Deere 6081AFM75E Genset, 125 kWe, 480V
AUX GENSET	Two independent Gens
FIRE PUMP	

DIMENSIONS	
REG. GT.	144
REG. NT.	98
ITC GT.	
ITC NT.	
DRAFT MIN	
DRAFT MAX	
REG. LENGTH	73.4'
REG. BREADTH	34'
MOULDED DEPTH	12.4'
LENGTH OVERALL	
BEAM OVERALL	
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	4

TANK CAPACITIES	
FUEL CAPACITY	10,600 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 DEPGF-42 Single Drum
BOW LINE	500' of 8" Circ. Plasma 12x12
BOW LINE PULL & BRAKE CAPACITY	1st Layer: 29,440 LBF @ 76 FT/MIN & 400,000 LBF Brake Capacity
TOW WINCH	Markey DEPC-32 Single Drum
TOW LINE	250' of 6-1/2" Circ. Polyline
TOW LINE PULL & BRAKE CAPACITY	1st Layer: 11,350 LBF @ 50 FT/MIN & 17,000 LBF Brake Capacity

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**ALWAYS SAFE. ALWAYS READY.**

6/12/2020