

VESSEL SHEET

KĀPENA BOB PURDY

OFFICIAL# 1275653 ABS# 19270135

IMO# 9816880

HULL# C-1163



VESSEL DESCRIPTION

SERVICES	Ocean Towing Emergency Tow
CLASS NOTATIONS	ABS Load Line ✱ A1 Towing Vessel Circle E, IHM, UWILD ✱ AMS, ✱ ABCU
HAILING PORT	Kahului, HI
CALL SIGN	WDK6288
KEEL LAID	November 28, 2016
DELIVERY	June 13, 2019
REBUILT	
BUILDER	Conrad Industries, Morgan City, LA

MACHINERY

CONFIGURATION	Twin Screw Tug
MAIN ENGINE	(2) GE 8L250MDC EPA Tier 4
REDUCTION GEAR	Reintjes WAF 3455
PROPELLER	(2) 126" Dia. 4 Fixed Blades
DRIVES/NOZZLES	Optima Nozzle
TOTAL RATED HP	6,034 BHP @ 900 RPM
BOLLARD PULL	89.84 ST (81.50 MT)
MAIN GENSET	(3) CAT C7.1 Genset, 118 kW _e , 480V (140 kVA)
AUX GENSET	*Two gensets in parallel and one redundant at any one time
FIRE PUMP	

TANK CAPACITIES

FUEL CAPACITY	83,600 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	
WASTE OIL	
BALLAST	
HOLDING TANKS	Sewage, Grey Water, Dirty
LUBE OIL	2,050 gal
POTABLE WATER	4,150 gal
NON-POTABLE	

DECK GEAR

ANCHOR GEAR	
BOW WINCH	Markey WESD-16-16-26
BOW LINE	300' of 5" Circ. HMPE Line
BOW LINE PULL & BRAKE CAPACITY	8th Layer: 10,400 LBF @ 54 FT/MIN & 200,000 LBF Brake Capacity
TOW WINCH	Markey TESD-34AUL-100HP Double Drum
TOW LINE	(2) 2,500' of 2-1/4" Wire Rope
TOW LINE PULL & BRAKE CAPACITY	1st Layer: 129,162 LBF @ 22 FT/MIN & 645,214 LBF Brake Capacity

CREWING REQ.

DOM. < 600 NM	
INTL OR > 600 NM	
MAX. BERTHS	10

REGULATORY

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

DIMENSIONS

REG. GT.	391
ITC GT.	455
DRAFT MIN	10'
REG. LENGTH	112.6'
MOULDED DEPTH	15'-9"
BEAM OVERALL	36'-6 1/4"
DISPLACEMENT	954 LT
REG. NT.	265
ITC NT.	136
DRAFT MAX	13'-1 7/16"
REG. BREADTH	34'-5 3/8"
LENGTH OVERALL	123'-2 2/8"
AIR DRAFT	

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