

MOANA

VESSEL SHEET

Official # 650276

ABS #

IMO # 8219023

Hull # 442

YOUNG BROTHERS



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist
CLASS NOTATIONS	ABS Load Line Built to A1 Towing Vessel Built to AMS
HAILING PORT	Honolulu, HI
CALL SIGN	WDB9761
KEEL LAID	
DELIVERY	1983
REBUILT	
BUILDER	Tacoma Boat Building, Tacoma, WA

MACHINERY	
CONFIGURATION	Voith Tractor
MAIN ENGINE	(2) EMD 12-645-E2
REDUCTION GEAR	(2) Voith AD 45-FH (size 28)
PROPELLER	(2) 5 Bladed Voith Cycloidal
DRIVES/NOZZLES	
TOTAL RATED HP	3,000 BHP
BOLLARD PULL	38.14 ST (34.60 MT) Ahead 32.96 ST (29.60 MT) Astern
MAIN GENSET	(2) Detroit Diesel 6 71
AUX GENSET	(2) Independent Gens
FIRE PUMP	

DIMENSIONS	
REG. GT.	196
REG. NT.	133
ITC GT.	320
ITC NT.	96
DRAFT MIN	11.7'
DRAFT MAX	16.2'
REG. LENGTH	93.6'
REG. BREADTH	36'
MOULDED DEPTH	13'-6"
LENGTH OVERALL	100'
BEAM OVERALL	39'-6"
AIR DRAFT	47'-8"
DISPLACEMENT	

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

CREWING REQ.		
DOM. < 600 NM		
INTL OR > 600 NM		
MAX. BERTHS		8

TANK CAPACITIES	
FUEL CAPACITY	39,576 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	550 gal
WASTE OIL	600 gal
BALLAST	
HOLDING TANKS	Waste Oil, VSP, Hyd, Aux LO
LUBE OIL	2,300 gal
POTABLE WATER	5,000 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	1,500 LBF w/ 630' of 1-1/8" Chain
BOW WINCH	Intercon HSW-40
BOW LINE	
BOW LINE PULL & BRAKE CAPACITY	
TOW WINCH	Intercon SD-200 Single Drum
TOW LINE	
TOW LINE PULL & BRAKE CAPACITY	

Young Brothers

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www.youngbrothershawaii.com

Your Neighbor Island Partner