

FREEDOM

VESSEL SHEET

Official # 1221071

ABS # 09212226

IMO #

Hull # 8017



FOSS



VESSEL DESCRIPTION	
SERVICES	Harbor Ship Assist Harbor Vessel Escort
CLASS NOTATIONS	ABS Load Line
HAILING PORT	Honolulu, HI
CALL SIGN	WDE9353
KEEL LAID	
DELIVERY	2009
REBUILT	
BUILDER	Honolulu Marine, Honolulu, HI

MACHINERY	
CONFIGURATION	Z-Drive Tractor
MAIN ENGINE	(2) CAT 3516 @1500 Rpms
REDUCTION GEAR	(2) ZF Z-Drives
PROPELLER	(2) 86" Dia. Fixed Pitch
DRIVES/NOZZLES	(2) ZF Z-Drives
TOTAL RATED HP	4,400 BHP @ 1,800 RPM
BOLLARD PULL	
MAIN GENSET	(2) John Deere 4045 Genset, 40 kWe/NL Pump with E Gen(hotel)
AUX GENSET	(3) Independent Gens
FIRE PUMP	

DIMENSIONS	
REG. GT.	94
REG. NT.	64
ITC GT.	180
ITC NT.	54
DRAFT MIN	
DRAFT MAX	
REG. LENGTH	86'
REG. BREADTH	34'
MOULDED DEPTH	11'-6"
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	

TANK CAPACITIES	
FUEL CAPACITY	9,500 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	
WASTE OIL	
BALLAST	
HOLDING TANKS	
LUBE OIL	
POTABLE WATER	800 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	
BOW WINCH	Seahorse HD 15
BOW LINE	
BOW LINE PULL & BRAKE CAPACITY	1st Layer: 0 LBF @ 60 FT/MIN & 15,000 LBF Brake Capacity
TOW WINCH	Gail Fox
TOW LINE	
TOW LINE PULL & BRAKE CAPACITY	