

BETHANY M



VESSEL SPECIFICS



VESSEL DESCRIPTION	
OFFICIAL #	1063120
IMO#	
HULL #	
MMSI#	367307050
TYPE	Crew Boat
SERVICE	Limited Costal
CALLSIGN	WDD9109
HOME PORT	San Diego, CA
BUILDER	
YEAR	1998

DIMENSIONS	
LOA	47.4'
BEAM	15'
AIR DRAFT	17'
DRAFT MAX	4'
DRAFT MIN	2.5'
GT	33 GT
NT	26 NT
DISPLACEMENT	LT
HT OF EYE	10'
HT OF BOW	6'

REGULATORY	
ABS LL	N
ABS CL	N
USCG INSP	Y
REGISTRY	Y
COASTWISE	Y
TITLE XI	N
CCF	N
SOLAS	N

MACHINERY	
CONFIGURATION	Twin Engine Diesel Reduction
MAIN ENGINES	Volvo D12
RATED RPM	2200
RATED HP	550 HP
TOTAL HP	1100 HP
DRIVE UNITS	n/a
REDUCTION	ZF350A 2.077:1
PROPELLER	32" x 31" 4 Blade Nibral
CONTROLS	VOLVO
POWER GENERATION	
AUX #1	Northern lights 6KW M673L3.3 Tier 2
AUX#2	n/a
SHORE PWR	120vac 30 amp
AUX#2	n/a
DECK MACHINERY	
PUSH / FACE WINCHES	n/a
BOW WINCH	n/a
ANCHOR HANDLING A-FRAME	
	n/a

PERFORMANCE	
SPEED	
LITE MAX	23 kts
LITE ECONO	20 Kts
TOW MAX	4-8 kts
FUEL CONSUMPTION	
LITE MAX	40gph
LITE AVE	24 gph
TOWING MAX	50 gph
TOWING AVE	30 gph
BOLLARD PULL	
AHEAD	T
ASTERN	T

ELECTRONICS	
RADAR	Raymarine E80
SAT NAV	#1 Furuno GP32
	#2 E80
VHF	#1 Icom M504
	#2 Icom M504
	#3
	PORTABLE Icom M73
HAILER	Standard w/ intercom
SOUNDER	Furuno
HEADING	Furuno PG500 / Ritchie MAG
AIS	
NAVIGATION	RayMarine E80
HORN	Air & electric
FIRE ALARM	Smoke Detectors
BILGE ALARM	Murphy
GENSET ALARM	Northern Lights (in W/H)

AUXILIARY EQUIPMENT	
FUEL TRANSFER PUMP	n/a
WATER TRANSFER PUMP	n/s
BILGE PUMPS	1.25" Jabsco engine driven with deck hose option
FIRE PUMP	1.25" Deck hose
WELDER	n/a
AIR COMPRESSOR	Portable 120vac
PORTABLE FIRE PUMPS	Diesel 6.4hp, tier 4, 2x2, 150gpm, 50' 1.5" Fire Hose
PORTABLE DEWATERING	(4) Electric Submersible, 1hp, 120v, 50' 1.5" discharge hose

DECK GEAR
(2) 75' Push / Face Lines 0.75" Plasma
75' Bow Line 1" plasma
200' Tow Line 1.5" RP 12
(3) 60' 1.25" Blue Steel tie up lines
Spring lines 1" Plasma
Various shackles etc.

ACCOMIDATIONS
Accomidations Air Conditioning / Heat
Seating for 24

MANNING	
CREW	2
COI PAX	42
CARGO	
FWD	Min
AFT	16ft x 14ft
FENDERING	
SIDE	Tires
BOW	Tires / D rubber

TANKAGE	
FUEL	325 gal
WATER	0 gal
HYDRAULIC	0 G

SAFETY		
EPIRB		1 CAT 1
PFDs	Type I	44
	Work	4
SURVIVAL SUITS		0
LIFE RAFT		1 IBA
LIFE RINGS		1
RING LIGHTS		1
FIRE EXTINGUISHERS		4
EMERGENCY LIGHTING		5
FIRST AID/TRAUMA KIT		1
FLARE KIT		1
LINE THROWING APPARATUS		1





RPM	Speed	GPH	G/NM	NM / Gal
650	5	2	0.40	2.50
1050	7.5	5.2	0.69	1.44
1100	10.5	9	0.86	1.17
1150	10.8	10	0.93	1.08
1200	11.5	11.6	1.01	0.99
1250	12.4	12.6	1.02	0.98
1300	13.3	13.5	1.02	0.99
1350	13.8	15.2	1.10	0.91
1400	14.9	16.6	1.11	0.90
1450	15.3	18	1.18	0.85
1500	16.6	20	1.20	0.83
1550	17.5	22	1.26	0.80
1600	18	22	1.22	0.82
1650	18.8	24	1.28	0.78
1700	19.6	26	1.33	0.75
1750	20.5	24	1.17	0.85
1800	21	30	1.43	0.70
1850	21.8	32	1.47	0.68
1900	22.8	36	1.58	0.63
1950	23.4	40	1.71	0.59