

Magique's Maintenance

	Part	Done	Due	
Bi-Monthly Maintenance				
FULL Internal Clean		15/02/2013		
Decks and hull wash		13/03/2017	13/09/2017	
Flush Watermaker		25/05/2018	25/06/2018	1 MONTHS
Check engine, gearbox oil, coolant level, saltwater filter		16/11/2017	16/05/2018	changed at 939 hours
Outboard spare fuel level?		14/11/2017	14/01/2018	
Check Generator exhaust, oil level, water connections, strainer		17/11/2017	17/05/2018	
Engine Yanmar 4JH5E	939 hours on 14 Nov 2017			
Change engine oil annually or every 250 hours	5.5 ltrs per engine, 15-W40	16/11/2017	16/05/2019	changed at 939 hours
Drain the fuel/water separator	(stbd side showing red fluid, port a little Nov 2017)	16/11/2017	16/05/2018	changed at 939 hours
engine primary fuel filters	Yanmar 120324-55760	16/11/2017	16/05/2019	changed at 939 hours
engine secondary fuel filters	Yanmar 119802-55801	16/11/2017	16/05/2019	changed at 939 hours
engine oil filter	Yanmar 129150-35153 (129150-35170, Apr 16)	16/11/2017	16/05/2019	changed at 939 hours
engine salt water impellor	Johnson Pump, 09-1027B-1, Impeller MC97 or Globe 75, 01-12-1030	14/11/2017	14/05/2019	changed at 939 hours
Barnacle Buster for salt water coolant heat exchanger			16/05/2019	
engine coolant replaced		7/04/2016	7/10/2018	changed at 739 hours
engine fresh water pump check		22/09/2014	22/09/2016	checked at 525 hours
Fanbelts	1000 hours or 5 years (next change at 2000 hrs)	16/11/2017	16/11/2022	changed at 939 hours
Sail Drive anode	standard Yanmar	28/09/2017	28/09/2018	1 year
Propellor Anode	Flexi Fold Large Zinc prop anode	28/09/2017	28/09/2018	1 year
Grease Propellor		3/09/2014		
Saildrive oil	SAE90, 2.2 litres per eng (stbd showing black oil changed 739hrs, port OK)	28/09/2017	every 600 hours	changed at 910 hours
Saildrive Prop seals	1000 hours or 2 years	28/09/2017	28/09/2019	changed at 910 hours
Saildrive Pinnion seals		1/09/2013	23/07/2018	changed at 270 hours
Yanmar Saildrive SD50 - LAP cones		4/05/2016	4/05/2020	lapped at 744 hours
Saildrive diaphragms A and B	inspected	1/03/2017	1/03/2018	2 years / cracks
heat exchanger	remove and have radiator experts clean and check	1/02/2012		
Intake, exhaust valve timing			1000 hours	
fuel injection timing and spray			1000 hours	
check all major nut and bolts tight			1/11/2017	
Generator Cummins Onan 11KVA MDKBN, F	736 hours 17 Nov 2017			
engine salt water impellor	Globe Run-Dry Impeller #1130 (01-12-1790) (Sherwood 10077K-SHW)	17/11/2017	17/11/2018	changed at 736 hours
Change engine oil annually or every 250 hours	4ltrs	17/11/2017	17/11/2018	changed at 736 hours
engine primary fuel filters	CAV296, Nannnides 970875102	17/11/2017	17/11/2018	changed at 736 hours
engine secondary fuel filters	Cummins, Onan, A026K078	17/11/2017	17/11/2018	changed at 736 hours
engine oil filter	Cummins, Onan, 0185-5835	17/11/2017	17/11/2018	changed at 736 hours
heat exchanger zinc plug anode		17/11/2017	17/05/2019	changed at 736 hours
Change coolant	5ltrs	4/05/2016	4/05/2018	changed at 524 hours
Change V-Belt (fan belt)	1000 hours		1/11/2020	
heat exchanger	check	4/05/2016	4/09/2017	checked at 524 hours
Starter Battery	check or replace	24/10/2015	24/10/2020	
Annual or Regular Maintenance				
House Battery Check		14/02/2017	14/02/2019	
Starter Batteries Exide EP450 Dual AGM Orbital Maxxima Max900DC	450Wh 50Ah 750A 12V	15/02/2017	15/02/2019	
Sink Cold Water drinking Filter	Pentek SCBC-10. Carbon Filter Cartridge with Silver	15/02/2017	15/02/2018	
Check fresh potable water pump filter		16/02/2017	16/02/2018	
Clean toilet salt water intake filters		16/02/2017	16/02/2018	
rig check		15/09/2015	15/09/2017	
Transom internal and Rudder steering lines tension, rudder drop?		1/03/2017	1/03/2018	
Fill Gas Bottle Port (empty 3.4kg full 7.5kg)		1/01/2018		
Fill Gas Bottle Stbd (empty 3.4kg full 7.5kg)		1/01/2018		
Eberspacher coolant level		16/11/2017	16/05/2018	
Eberspacher coolant replaced		28/02/2012	1/10/2014	
anti-fouling		28/09/2017	28/09/2019	Hempel Black
Hull Anode - check	ZH 3 Hull Anode (VETUS Zinc Hull Anode Type 15)	28/09/2017	29/09/2022	5 years say
topside full cut and polish		13/03/2017	13/03/2018	
sides cut and polish		13/03/2017	13/03/2018	
winches service		17/03/2017	17/03/2022	
4 x Smoke Alarm Batteries		13/08/2012	13/08/2022	
Water Blast below waterline hull		28/09/2017	28/03/2018	
Pantaenius Insurance Policy : 131146055		22/08/2017	22/08/2018	
Disassemble and clean windlass	Quick Dylan DN1712, FSDN1712D012A01, S/N 100107, WY:31/11	14/11/2017	14/11/2018	
Windlass chain counter magnet replaced		14/11/2017	14/11/2020	
Wd40 and exercise all thru hull fitting valves, inc eng salt water inlet	replacements?	1/02/2018	1/08/2018	6 MONTHS
Fire Extinguishers		1/02/2017	1/02/2018	6 MONTHS
Honda BF20D Outboard	BAMJ-1043712	24/03/2017	24/08/2018	
WD40 steering lines under cockpit		1/02/2017	1/02/2018	
WATERMAKER				
Clean Membrane every 800 hours	800 hours	28/02/2012	28/02/2018	150 hours at 27/7/15
Check HP pump oil (15W40) level annually		15/02/2017	15/02/2018	
replace 20 micron salt water intake filter	Pentek S1 (previous WPC20-975)	16/02/2017	16/02/2018	158 hrs at 26/8/15
GRAB BAG Starboard Hull				
FLARES - Cat 1 (in addition to liferaft flares):				FLARES (in addition to Cat 3:
• Red Hand Flare x 1			31/05/2018	• Red Parachute Flare
• Red Hand Flare x 3			31/10/2020	• Red Hand Flare OR
• Orange Smoke Day Signal x 1			31/07/2018	• White Hand Flare)
• Orange Smoke Day Signal x 1			30/09/2019	• Orange Smoke Day
Additional				
• Red Parachute Signal Rocket x 2			31/01/2016	Cat 1 (in addition to C
• Orange Smoke Day Signal x 1			30/11/2014	• Red Parachute Flare
• White Hand Flare x 1			31/10/2019	• Orange Smoke Day
EPIRB GME MT403G-e999F	UIN: 400C5D34F8FFBF		1/04/2019	
Charge VHF Radio battery		15/02/2017	15/02/2018	
Charge LED torch batteries (18650)		15/02/2017	15/02/2018	
Life Raft				
RescueMe EPIRB1	UIN: 400C8037A2FFBF		1/12/2026	

CSM 6 Person	Serial No. 16062017	1/10/2016	1/10/2019
Port Break-Out window Additional Flares (<5 years exp)			
• White Hand Flare x 1			31/03/2016
• Red Hand Flare x 2			31/10/2014
• Red Parachute Flares x 2			31/01/2015
• Orange Smoke Day Signal x 1			30/11/2014
Life Jackets			
Baltic x 2		1/02/2017	1/02/2018
Burnsco CrewSaver x 2	light expires 09/21	3/03/2017	3/03/2018
OTHER INFO			
Raymarine E120W			
Raymarine E120W serial number	E62223 0916030		
Raymarine E120W Software	v5.04??	v2.65 (July 2012)	
Navionics Library Version	00.03.12_r1812	12/10/2010	
App version	v2.49??		
Bootcode version	v1.10		
Baseboard version	v3.20		
Navionics chart data E120W (C120W)	Chart (8P160XL) Card (IT1G8Z1AXJ1178)	1/05/2016	1/05/2017
Raymarine E7D			
Raymarine E7D Serial Number	E62355 0920071	v6.27	DO NOT UPGRADE
Raymarine Digital HD Raydome	E92142 0810021	v3.16	
E22158-Seatalk-STNG-Converter	0411789	v1.01	v1.24?
DST800 (DST200) (IDST-N2000) (Airmar)	S/N:2641764, PN:44-127-2-01, Rev.06, A22111	v1.022	replaced 16/3/15
SPx30	0610283	Raymarine	
Raymarine ST70 Pilot Head	1010181	v3.4	
Raymarine ST70 Instrument	0510768	v3.04	
Raymarine ST70 Instrument	0510677	v3.04	
Raymarine ST70 Instrument	0410363	v3.04	
ST70 Wind Pod	0110001	v5.02	
Fishfinder Transducer (Airmar)	RTD P319 600W TH-LP D/T 0* MFD (PN:31-323-8-01, Cust:A80171)		
Navionics chart data e7d	Chart (50XG_N+) Card (KIT72MSD033XG ITBGZUANLMB1ZS)	1/05/2016	1/05/2017
Other			
Check deck and water cupboard joints	Fix15 Sealant	1/01/2018	1/07/2018
McMurdo S10 AIS Beacons (2)			1/11/2018
McMurdo S10 AIS Beacons (2)			1/03/2019
McMurdo S10 AIS Beacons (2)			1/08/2022
PLB 200 Fast Find battery			28/02/2022
new gas bottles			28/02/2022
EPIRB - Port hull Global Fix Pro RLB-37	UIN: 400C6AC476FFBFF		1/02/2018
Electrical WOF	WOF 16011	22/09/2016	22/09/2020
Shore Power lead annual check and tag	Marine Electrics 030565 (licence E10675)	22/09/2016	22/09/2017
Engines 4JH5E (Engine Family RCD-4JH5X1)	Port E12722, stb 12720		
Cummins Onan 11KVA generator (Model 11MDKBN-5873F, Spec-F)	Serial - G110230711		
Hull Number	FR-CNB45099J112 (99)		
Sail Number	M7652		
Radio Callsign	ZMW4837		
MMSI	512003678		
Depth keel-waterline 1.3m, keel-transponder 1.0m, ST70 offset 1.0m??	fish finder transponder set?		
Johnson Fresh water pump	WPS 5.0 12V No:10-13250-05		
Highfield Ocean Master 350 HFOM350	CN-HFM65200G111		
Propellor	Flexi fold 17/14		
Radar HD DIGITAL RAYMARINE 18" 48 NM 4 Kw			
Maritime Registration	NZ2362	29/11/2016	28/11/2021
Fuel Tank Dimensions and settings	actual - height - 612 (bottom limit 590 intakes) x for/aft - 670 x width 1420 (top), 1020? (bottom) = 500ltrs		
	programmed - 1425 x 590 x 675 x 1030 = 489ltrs, [17 36 56 77)		
Water Tank	X-810 ,H-350, Y200, W-840, X1-110, Z-320, 175ltrs		
Holding Tank	500 x 700 x 300/150 half tank calculation		
Vang Reefing Position	170mm - end of aluminium, 180mm - end of black		
Cat 1 (2), Kevin Lidgard	Certificate 114		8/05/2019
Whale Gulper Pumps	Original - Port aft shower, Port Fwd shower, Stbd aft shower. Newer - Port bilge, Stbd fwd shower, stbd bilge.		
External clam shell vent covers	SEACHOICE 3-3/4" CLAM SHELL VENT 50-16231		
Alternator Fan belt	Mitsubishi (RECMF) 6430		
Dessalator 220V motor capacitor	Comar MK30 - 450 Vac, 50Hz	1/02/18	
Masthead Tricolor Light	Optolamp Amazonia Mirim 3		
Upper deck squab fasteners	PERFIX, Surefas, https://surefas.com/distributors/		

will not then share with E120W

too expensive to change battery