Service	Location	Equipment	Manufacturer	Model Number	Validation Test	Results	Notes/Comments
						D. C.	
Alarm	Engine Room	Engine Bilge High Level Alarm	Rule		Actuate level switch, confirm annunicator horn and light on pilothouse alarm panel	PASS, SYSTEM FUNCTIONAL	Actuated level switch in bilge area and confirmed alarm horn and light on annunicator panel in pilothouse.
							Not tested. Owner reports alarm light and horn functional and tested during
							previous annual flag survey with "smoke". Unit actuated in early 2020 with a
Alarm	Engine Room	Engine Room Fire and Smoke	Firex			NOT TESTED	generator impeller failure also anecdotally confirming functionality.
7 1131111	21.6.1.0 1.00111	z.ig.iie iiooiii ii e aiia oiiioie	· ·· cx			1101120120	Not tested. Owner reports alarm last actuated on Atlantic crossing with tank
Alarm	Engine Room	Fuel Oil filter alarm	Racor			NOT TESTED	sloshing and bad fuel.
					Actuate level switch, confirm annunicator	PASS, SYSTEM	Actuated level switch in bilge area and confirmed alarm horn and light on
Alarm	ForePeak	High Level Alarm Switch	Rule		horn and light on pilothouse alarm panel	FUNCTIONAL	annunicator panel in pilothouse.
Alaitii	roiereak	riigii Level Alairii Switcii	Rule		norm and light on phothouse alarm panel	FONCTIONAL	annunicator parier in pilotriouse.
					Actuate level switch, confirm annunicator	PASS, SYSTEM	Actuated level switch in bilge area and confirmed alarm horn and light on
Alarm	Lazzarette	Lazz Bilge High Level Alarm	Rule		horn and light on pilothouse alarm panel	FUNCTIONAL	annunicator panel in pilothouse.
					Confirm Compressor within limitations		
					without filling dive bottles (no bottles	CONDITIONAL	Compressor starts and appears to run. Last full pressure test in 2018 by
Deck	Lazzarette	Dive Air Compressor	Baur Compressor		onboard)	PASS	certified Dive Master. Needs full pressure test to confirm.
					Actuate up and down switches for both		
					hatches. Validate that Port hatch will not	PASS, SYSTEM	Hatch up/down functions and interlock functional. Hydraulic power pack
Deck	Lazzarette	Hydraulic power pack and rams	Misc		open until Starboard hatch clears open.	FUNCTIONAL	sounds normal.
		Generator 230 VAC, 50 HZ, 100			Confirm proper voltage, Frequency under	PASS, SYSTEM	7772hrs Confirmed proper system function. Voltage 222VAC, 51hz @56
Electrical	Engine Room	Amp Service	Kohler	27EFOZD	load	FUNCTIONAL	amps, 74C degree coolant temp
		Generator 230 VAC, 50 HZ, 50			Confirm proper voltage, Frequency under	PASS, SYSTEM	1090hrs Confirmed proper system function. Voltage 220VAC, 51hz @48
Electrical	Engine Room	Amp Service	Kohler	13EFOZD	load	FUNCTIONAL	amps, 83C degree coolant temp
			California			PASS, SYSTEM	Compressor started and maintained air pressure to actuate main engine
Engine	Lazzarette	Air Compressor	Compressor	230vac	Confirm auto start on load or air useage	FUNCTIONAL	exhaust valves cycling.
						PASS, SYSTEM	TV turned on and received signal from Apple TV via DENON AV unit. Owner
Entertaintment	Main Salon	TV Monitor	Sony			FUNCTIONAL	reports TV unit new in 2020.
						PASS, SYSTEM	DENON AV unit started and confirmed with SONOS distributed music system,
Entertaintment	Main Salon	AV Amplifier	Denon			FUNCTIONAL	Sony TV and BluRay DVD.
						PASS, SYSTEM	
Entertaintment	Main Salon	DVD	Sony			FUNCTIONAL	BluRay unit confirmed functional.
						PASS, SYSTEM	
Entertaintment	Master Cabin	TV Monitor	Panasonic			FUNCTIONAL	TV turned on and received signal from NAD AV unit.
						PASS, SYSTEM	SONOS confirmed functional in all common spaces and cabins. Integrated
Entertaintment	Misc	Distributed music system	SONOS			FUNCTIONAL	with main salon and master cabin AV units.
		AV Amplifier with integrated				PASS, SYSTEM	NAD AV unit started and confirmed with SONOS distributed music system,
Entertaintment	Master Cabin	DVD	NAD			FUNCTIONAL	Panasonic TV and BluRay DVD.
				Comercial	Astronto using book and /fivel-ortourife	DACC CYCTERS	Duran and a unit also southels and tills for all and the Confirmed and the case
Fortuntainton :	D	l accompany the describe as a constitution of			Actuate winches and/furler to verify unit	PASS, SYSTEM	Bumped a winch switch and jib furler switch. Confirmed unit activates and
Entertaintment	rump Room	Lewmar Hydraulic power pack	Lewmar	400	powers up and run hydraulic equipment	FUNCTIONAL	runs winch and furler.
				ERCOLE,	Confirm windlass responds to Up and	D. C.	Windlass started and stopped on up and/or down commands from hand held
C	Fara Da II	Don't Mindle or	LOFDANG	3500 Watt,	Down from deck switch and handheld	PASS, SYSTEM	controller and deck foot switch. Chain and anchor ground tackle appear
Ground Tackle	ForePeak	Port Windlass	LOFRANS	24vdc	controller.	FUNCTIONAL	corrosion free.

Service	Location	Equipment	Manufacturer	Model	Validation Test	Results	Notes/Comments
				Number			
							Windlass started and stopped on up and/or down commands from hand held
							controller and deck foot switch. Chain and anchor ground tackle appear
				ERCOLE,	Confirm windlass responds to Up and		corrosion free. Port deck foot "Down" switch did not respond initially. Opened
				3500 Watt,	Down from deck switch and handheld	PASS, SYSTEM	unit and cleaned contacts and switch responded. Recommend replacement of
Ground Tackle	ForePeak	Starboard Windlass	LOFRANS	24vdc	controller.	FUNCTIONAL	all 4 deck switches if problem reoccurs.
							Filters and housing need to be cleaned. Sea water pumps need to be tested.
				MC2J		CONDITIONAL	
Hatal Camiasa	F	\A/-+	Lada as a a		Confirmation and the contract of the contract		High Pressure pump activate-pass. Owner reports units functional when
Hotel Services	Engine Room	watermaker	Irdomar	230Vac 50nz	Confirm pump motor operation	PASS	vessel last in active use however units not left in pickled state.
							Filters and housing need to be cleaned. Sea water pumps need to be tested.
				MC2J		CONDITIONAL	High Pressure pump activate-pass. Owner reports units functional when
Hotel Services	Engine Room	Watermaker	Irdomar		Confirm pump motor operation	PASS	vessel last in active use however units not left in pickled state.
							Control panel enerized and cycle started; full cycle not run. Laundry machines
							newer (2019) and show little use. Units are 230 vac 50hz machines and
							function properly on generator power or 50 hz shore. Recommend soft start
						PASS, SYSTEM	on laundry power supply to allow use on Inverter power when on shore
Hotel Services	ForePeak	Washer	Fridgeaire	230 vac 50hz		FUNCTIONAL	power is 60hz.
				230 vac 50		PASS, SYSTEM	
Hotel Services	ForePeak	Dryer	Fridgeaire	hz		FUNCTIONAL	See notes for Washing machine.
					Confirm BD unit and Digital control unit		Confirmed unit and control start and run. Confirmed water pump start and
		Forepeak Built-In Unit			start, water flow from pump and unit	PASS, SYSTEM	run. Unit not in active and at ambient temperature so confirmed plates
Hotel Services	ForePeak	Refrigation	SeaFrost	BD XPX	maintains and reads box temperature	FUNCTIONAL	freezing up and temperaure probes responding correctly.
						PASS, SYSTEM	Started dishwasher and confirmed water arrived and cycle appeared to start.
Hotel Services	Galley	Dishwasher			Confirm powers up and cycles	FUNCTIONAL	Did not run thru full cycle.
		Inverter powered Microwave				PASS, SYSTEM	
Hotel Services	Galley	oven	LG			FUNCTIONAL	Microwave energized and performed. Missing glass rotating base inside.
							Confirmed unit and control start and run. Initally plate temperature probe
							was malfunctioning; replaced plate temperature probe and unit restored to
							normal operation. Confirmed water pump running separately. Unit not in
					Confirm BD unit and Digital control unit		active use and at ambient temperature so confirmed plates freezing up and
					start, water flow from pump and unit	PASS, SYSTEM	temperaure probes responding correctly; within 1 hours box temperature
Hotel Services	Galley	Galley Refrig Unit Upper	SeaFrost	BD XPX	maintains and reads box temperature	FUNCTIONAL	down to set point.
							Confirmed unit and control start and run. Confirmed water pump running
					Confirm BD unit and Digital control unit		separately. Unit not in active use and at ambient temperature so confirmed
					start, water flow from pump and unit	PASS, SYSTEM	plates freezing up and temperaure probes responding correctly; within 2
Hotel Services	Galley	Galley Freezer Unit Lower	SeaFrost	BD XPX	maintains and reads box temperature	FUNCTIONAL	hours box temperature down below freezing approaching set point.
TIOCCI SCI VICES	Jame,	Camey receder ourse zone.	564.1650	5577.	manitanio ana reado zon temperatare		Unit found closed and no gas available at stove burners. Actuated at control in
						PASS, SYSTEM	galley and propane became availble. Actuated switch with burner running and
Hotel Services	Galley	Propane Solenid Valve	Trident	1300-7703.1	Confirm control of propane supply.	FUNCTIONAL	propane flow stopped with loss of flame.
		·		40", 4			
				burner and			All burners confirmed. Piezo starters inconsistent. Owner reports crew always
				grille, Dual		PASS, SYSTEM	using starter sticks. Ovens not tested but Owner reports both electric and gas
Hotel Services	Galley	Gas cooktop	INOX	,	Test burners	FUNCTIONAL	oven have been functioning .

Service	Location	Equipment	Manufacturer	Model	Validation Test	Results	Notes/Comments
				Number			
							Test limited to confirming unit energized and in showed safe indication
						PASS, SYSTEM	(green) and self test button returned functional alarm. Unit has 2 sensors in
Hotel Services	Galley	Gas Sensor	XINTEX		Confirm operation and self test	FUNCTIONAL	galley bilge area. No test of gas sensors.
						PASS, SYSTEM	Range hood exhast fan run and lighting confirmed when testing stovetop
Hotel Services	Galley	Range Extractor Hood	Seimens		Confirm operation	FUNCTIONAL	burners.
					Confirm BD unit and Digital control unit		Confirmed unit and control start and run. Confirmed water pump run
					start, water flow from pump and unit	PASS, SYSTEM	separately. Unit not in active and at ambient temperature so confirmed plates
Hotel Services	Main Salon	Beverage Cooler	SeaFrost	BD XP	maintains and reads box temperature	FUNCTIONAL	freezing up and temperaure probes responding correctly.
				Icerette		PASS, SYSTEM	Powered up unit (230 vac Inverter Bus) and started unit. Unit ran and started
Hotel Services	Main Salon	Ice Maker	Raritan	Model 87	Confirm unit makes ice.	FUNCTIONAL	making ice. Shut down and drained ice from bin.
							System starts and controls raw water pump and circulation pump. System
							cycles on circulation water temperature as designed. Unit tested and run on
					Validate start sequence with raw and		heating mode. Reversing valve for cooling mode funstional. 2 of 3
					circulation pumps starting and		compressors start and run cycle normally. 1 compressor out of service and
					compressors start and stop on demand.		will not start; owner reports compressor failed early 2015 probally due to
				DC) 4/4 4/501	Confirm cycling on circulation water	D. 4. C.C. C.V.C.T.T. 4	substitute refrigerant used in Europe during previous ownership.
	F . 5	Chilled/Hot Water HVAC		PCWM/FCL	temperature demand. Confirm hot and	PASS, SYSTEM	Replacement compressor located and available. Owner reports adequate
HVAC	Engine Room	Compressors	Condaria	22503	cold operation.	FUNCTIONAL	cooling with 2 of 3 compressors running since 2015.
					Validate that fan starts with thermostat,		
					multispeed switch functions and coil		System tested using heated circulating water due to outdoor air temperature.
				10 air	provides chilled/heated air with	PASS, SYSTEM	All fan coil units verified functional and respond to thermostat and fan speed.
HVAC	Misc	Fan Coil/Air Handlers	Condaria	Handlers	compressors running	FUNCTIONAL	selector switch. Units blow heated air
IIVAC	IVIISC	Tan conyan manarers	Conduna	Hanaicis	Confirm fan start and variable speed and	PASS, SYSTEM	Started fan from variable speed controller and confirmed airflow. Fan speed
HVAC	Pump Room	KB Controller and Fan	Gianneschi		direction	FUNCTIONAL	and airflow direction can be changed at KB controller.
					Confirm fan start and variable speed and	PASS, SYSTEM	Started fan from variable speed controller and confirmed airflow. Fan speed
HVAC	Pump Room	KB Controller and Fan	Gianneschi		direction	FUNCTIONAL	and airflow direction can be changed at KB controller.
		Life rafts, MOB, PFD, Fire and					BEYOND SCOPE OF THIS INSPECTION REPORT. Owner reports compliance in
Life Safety or		Emergency Equipment,				NOT TESTED or	previous flag equipment requirements and survey. Vessel currently out of
Regulatory	Misc	Signaling and Survival gear etc.				INSPECTED	service although safety equipment believed to be current until end 2020.
							Confirmed engine start cycle, run, proper engine temp, and stop. Engine
							hours 6095 and last major service noted at 5885 hours included fuel pump
							and rail rebuild, raw and closed loop cooling pump implellors replacements
			Nanni marinized				and chemical cleaning and pressure test of tube bundle. Starboard exhaust
			Mercedes Industrial			PASS, SYSTEM	elbow thermocouple not reporting to helm console guage/indicator.
Main Engine	Engine Room	Main Propulsion 6095 hrs	V10	OM423	Start/Run/confirm proper engine temp	FUNCTIONAL	Recommend engine belt replacements and thermocouple replacement.
Main steering						PASS, SYSTEM	Hydraulic rams actuated with helm wheel motion. Reservior easy access in
gear	Lazzarette	Hyraulic steering			Confirm wheel translates to rudder	FUNCTIONAL	lazzerette. Main steering ram separate from autopilot ram.
Navigation	Holm Canasia	VHE	Cimrad Chiamata	RS8400	Dower on and confirm	PASS, SYSTEM FUNCTIONAL	Confirmed Receiving VIIIE
Navigation	Helm Console	VIII	Simrad Shipmate	Metadata	Power on and confirm		Confirmed Receiving VHF
Navigation	Holm Consola	AIC	SiTex	MDA-5	Confirm AIS targets show in Europe system	PASS, SYSTEM	Confirmed AIS targets show on Eurupe displays
Navigation	Helm Console	AIS	SITEX	IVIDA-5	Confirm AIS targets show in Furuno system	FUNCTIONAL	Confirmed AIS targets show on Furuno displays  Energized autopilet head and numb verified start. Engaged pilot while at dock-
							Energized autopilot head and pump verified start. Engaged pilot while at dock; main wheel locked (as designed) and rudder reacted to jog starboard/port
					Validate control head energizes pump	PASS, SYSTEM	commands. Rudder indicator on Simrad and dashboard B&G rudder indicator
Navigation	Holm Consolo	Autopilot	Simrad	An 20 1200V	starts and runs	FUNCTIONAL	
Navigation	Helm Console	μαιτομιίοι	JIIIIdu	Mh 50, 1200x	Starts dilu rulis	FUNCTIONAL	respond accordingly.

Service	Location	Equipment	Manufacturer	Model	Validation Test	Results	Notes/Comments
				Number			
				NavNet VX2			Powered up system to confirm basic functionality; keypads responded
				Black Box,			appropriately and displays work in daylight brightness. Powered up radar
				15" Display			antenna in standby and transmit. Successfully displayed radar targets or
				and open			charts with AIS overlay. Chart validity or full test or verification of the many
				array Radar		PASS, SYSTEM	VX2 system functions, integrations and features beyond scope of this
Navigation	Helm Console	Starboard Radar/Chartplotter	Furuno	Antenna	Confirm radar, navigation/chart and AIS	FUNCTIONAL	inspection, recommend Furuno Technician inspection or calibration if desired.
				NavNet VX2			
				Black Box,			Powered up system to confirm basic functionality; keypads responded
				15" Display			appropriately and displays work in daylight brightness. Powered up radar
				and			antenna in standby and transmit. Successfully displayed radar targets or
				enclosed			charts with AIS overlay. Chart validity or full test or verification of the many
				Radar		PASS, SYSTEM	VX2 system functions, integrations and features beyond scope of this
Navigation	Helm Console	Port Radar/Chartplotter	Furuno	Antenna	Confirm radar, navigation/chart and AIS	FUNCTIONAL	inspection, recommend Furuno Technician inspection or calibration if desired.
		AC/Heat Pump Circulating			Confirm auto start with Condaria	PASS, SYSTEM	Pump starts and cycles on demand from Condaria compressor control unit.
Pump	Engine Room	Water	Gianneschi	CB22	compressors start	FUNCTIONAL	Circulating water supplies all fan coils units.
		AC/Heat Pump Raw Water			Confirm auto start with Condaria	PASS, SYSTEM	Pump starts and cycles on demand from Condaria compressor control unit.
Pump	Engine Room	Cooling Pump	Gianneschi	CB22	compressors start	FUNCTIONAL	Raw water flow confirmed exiting vessel at waterline.
					Bump start pump test with hand switch in	PASS, SYSTEM	
Pump	Engine Room	Lube oil transfer pump	Marco		engine room	FUNCTIONAL	Pump starts on "Lube Oil" switch in engine room.
						DAGG GVGTTA	lumi i i i i i i i i i i i i i i i i i i
		Automatic Engine Exhaust Drain			Run main engine, confirm no tank overflow		With main engine running no drain tank overflow water or exhaust gas into
Pump	Engine Room	Back Box and level switch	Jabsco		into engine bilge	FUNCTIONAL	bilge indicating pump and level switch functioning.
		Automotic Facine Biles Buses		NA 1 - 1 4 C A	Actuate level switch, confirm pump run,	DACC CVCTERA	
D	Engine Been	Automatic Engine Bilge Pump and level switch	Rule	Model 16A, 24vdc	water pumping and run light on pump	PASS, SYSTEM FUNCTIONAL	Bilge pump actuated using level switch and confirmed to pump down bilge.
Pump	Engine Room	and level switch	Rule	24vuc	room panel	FUNCTIONAL	Pump "Run" red light actuated on pump room panel.
				Series 50860			
				Cyclone	Confirm pump start and seawater flow to	PASS, SYSTEM	Energized chain wash system from Windlass control panel. Pump started and
Pump	ForePeak	Chain Wash	Jabsco	24vdc	chain wash nozzles	FUNCTIONAL	provided seawater wash to nozzles. Pump new 2019.
Tump	Torcreak	Chair Wash	340300	Continuos	Chain wash nozzies	TONCHOITAL	provided seawater wash to hozzles. I drip new 2015.
				duty	Confirm cooling water pump automatic		
		Forepeak Refrigerator Cooling		circulation	start with SeaFrost panel and confirm	PASS, SYSTEM	Pump starts and runs normally under control from Forepeak SeaFrost unit.
Pump	ForePeak	Pump	Jabsco	pump	overboard discharge flow	FUNCTIONAL	Pump is new 2019.
	. Greneum		542500	рашр	Actuate level switch, confirm pump run,		1 dilip is new 20231
		Automatic Bilge Pump and Level		Model 16A,	water pumping and run light on pump	PASS, SYSTEM	Bilge pump actuated using level switch and confirmed to pump down bilge.
Pump	ForePeak	Switch	Rule	24vdc	room panel	FUNCTIONAL	Pump "Run" red light actuated on pump room panel.
p					Actuate level switch, confirm pump run,		
l		Automatic Lazz Bilge Pump and		Model 16A,	water pumping and run light on pump	PASS, SYSTEM	Bilge pump actuated using level switch and confirmed to pump down bilge.
Pump	Lazzarette	level switch	Rule	24vdc	room panel	FUNCTIONAL	Pump "Run" red light actuated on pump room panel.
					,		
l							Confirmed pump start on low pressure and stops on high pressure switch
l							setting. Pump appears to run normally, provides pressure quickly and flow to
				JET 518 B	Confirm pump start/stop on pressure	PASS, SYSTEM	domestic water system. Owner reports slight weeping of mechanical shaft
Pump	Pump Room	230vac Freshwater Pump	Gianneschi	ME	switch	FUNCTIONAL	seal on 230VAC pump. Pump rebuild kit available onboard vessel.
					Confirm pump start/stop on pressure	PASS, SYSTEM	Confirmed pump start on low pressure and stops on high pressure switch
Pump	Pump Room	24vdc Freshwater Pump	Gianneschi	JET 518 B	switch	FUNCTIONAL	setting. Pump appears to run normally to domestic water system.

Service	Location	Equipment	Manufacturer	Model	Validation Test	Results	Notes/Comments
				Number			
Pump	Pump Room	Aft Graywater Pump	Gianneschi	CP40 N	Confirm pump start and pumping of graywater	PASS, SYSTEM FUNCTIONAL	Confirmed pump start from panel switchboard and verified pump flow thru dedicated strainer to discharge gray water tank. Aft and forward pumps are on a common header to double up drawing suction from either forward or aft tank. Owner reports that Forward and Aft Graywater tank level alarm lights on alarm panel work but intermittently due to typical level float switch.
Pump	Pump Room	Forward Graywater Pump	Gianneschi	CP40 N	Confirm pump start and pumping of graywater	PASS, SYSTEM FUNCTIONAL	See notes on aft graywater tank pump. Owner reports that aft and forward pumps are typically headered together to draw suction faster for forward tank pump down due to long hose run. Critical information for next captain/owner: leave forward tank hose run filled for next pump down cycle therefore critical to end pump down cycle of tank before drawing excessive air into strainer and pulling hose run dry. End pump down cycle when strong flow thru strainer ends, valve off strainer and stop pumping so as to not completely vacuate hose run.
Pump	Pump Room	24vdc Emergency Pump	Gianneschi	ACB331/1	Align valves for Fire Header. Confirm pump start with hand switch and confirm flow from sea strainer to Fire Header Hose bibb on deck. Align valves for bilge pumping and confirm suction		Aligned valves for "FIRE" header suction from sea chest strainer and "BILGE" overboard discharge to confirm pumps start, run and flow water. Pumps rebuilt at factory rep (Ingram Engineering in 2019). Full "FIRE" header test could be performed but will require setup of Fire Hose, confirmed to be stowed under Laz access hatch. Full bilge pump test could also be performed but extra water level should be added to bilge to ensure adequate suction.
Pump	Pump Room	230vac Emergency Pump	Gianneschi	ACB331/B	Align valves for Fire Header. Confirm pump start with hand switch and confirm flow from sea strainer to Fire Header Hose bibb on deck. Align valves for bilge pumping and confirm suction		Aligned valves for "FIRE" header suction from sea chest strainer and "BILGE" overboard discharge to confirm pumps start, run and flow water. Pumps rebuilt at factory rep (Ingram Engineering in 2019). Full "FIRE" header test could be performed but will require setup of Fire Hose, confirmed to be stowed under Laz access hatch. Full bilge pump test could also be performed but extra water level should be added to bilge to ensure adequate suction.
Pump	Pump Room	Forward Blackwater Pump	Gianneschi	MV44	Confirm pump start with hand switch and confirm flow at vented loop in pump room	PASS, SYSTEM FUNCTIONAL	Pump start confirmed and fluid flow confirmed at vented loop in pump room. Pump shutdown before pumpout of blackwater. Owner reports that Forward Blackwater tank level alarm lights on alarm panel work but intermittently due to typical level float switch maintenance issues. Forward blackwater tank has been empty and not used for recently.
Pump	Pump Room	Fuel Oil Transfer Pump	Gianneschi		Bump start pump test with hand switch in engine room	PASS, SYSTEM FUNCTIONAL	Pump start confirmed however without transfer of fuel. Owner reports pump transfers fuel to daytank at 100 liters per minute.
Pump	Pump Room	Aft Blackwater Pump	Jabsco		Confirm pump start with hand switch and confirm flow at vented loop in pump room	PASS, SYSTEM	Pump start confirmed and fluid flow confirmed at vented loop in pump room. Pump shutdown before pumpout of guest heads blackwater tanks. Confirmed tank selection electric valve operation. Confirmed pumpout selection and lockout electric valve operation. Confirmed guest heads blackwater tanks (2) level monitor. Confirmed that new/replacement Gianneschi MV44 pump is available onboard.
Pump	·	SeaFrost Cooling Pump	March Pump	Series 893-	Confirm cooling water automatic pump start with galley SeaFrost panel and confirm overborad discharge flow	PASS, SYSTEM FUNCTIONAL	Confirmed running with refrigerator units energized. Located in pump room room bilge.