

Equipment	Quantity	Manufacturer	Model	Equipment Notes	
<b>Main Engines</b>		2	Detroit Diesel	8V92TI	
	Port Engine Hours	9432.6		2012	Last complete Inframe rebuild at _ Hours included new blower and turbos
	Starboard Engine Hours	8556.6		2011	Last complete Inframe rebuild at _ Hours included new blower and turbos
<b>Gears</b>	Port Gear		Twin Disc		Last rebuild January 2013
	Starboard Gear		Twin Disc		Last rebuild 2004
<b>Screws</b>	Drive Screws	4		32X28	Spare set of screws stored on board
<b>Fuel</b>	Diesel Capacity Gallons	2400			Four aluminum tanks. Starboard Forward replaced 2010 Starboard Aft replaced 2011
	Duel Fuel Filters/Water Separators	2	Racor		Duel fuel filter water separators with manifolds for each main engine
	Fuel Filter/Water Separators	2	Racor		Single fuel filter water separator one for each generator
<b>Generators/Power Supply</b>	Port Generator Hours	2	Nor-Pro/Yanmar 40KW	4TNV98T	220v Single Phase. Both generators equipped with DanaGen GSC400 automatic controllers and sound enclosure installed new 2008
	Starboard Generator Hours	5532.3			
	Generator/Shore Switch	1	Custom		
	12V Power Supply/Charger	1	Charles	90-12855SHO	Shore to generator switch is magnetic latching with manual override
	12V Battery Charger	1	Charles		85amp 12V power supply and automatic three bank battery charger
	24V Battery Charger	1			35amp 12V automatic battery charger for Generators
	220V Power Distribution Panels	3	Custom		24v Automatic two bank battery charger for main engine cranking batteries
	12V Distribution Panel	1	Gulfstream		Main distribution panel located in Machine Room sub panels in Galley and Main Bridge
	110V Inverter/Battery Charger	1	Xantrex	Freedom SW3000	100amp 12V breaker panel located on Main Bridge
	220V 100amp Shore Power	1	Custom		Backup power supply with distribution panel, outlets and controller on Main Bridge for computers
					220V 100amp shore power connection with two 50amp 50ft cords
<b>Bridge Electronics</b>	Chart Plotter	2	Raymarine	RL80C	Both Pathfinder chart plotters are set up for overlay
	Chart Plotter	1	Raymarine	E120	Linked to bottom finders, GPS and four watch cameras
	Chart Plotter/Slave	1	Raymarine	RL70C	Captains Cabin linked to RL80C units
	Satellite Weather	1	Raymarine	SR100	Main Bridge linked to E120 display
	Chart Plotter/Display	1			
	Radar	1	Raymarine	M92693	Main Bridge 75 mile range
	Auto Pilot	1	Raymarine	ST7001	Display on Main Bridge. Auto Pilot equipped with helm override ST600A controls on Main Bridge
	GPS	2	Raymarine		Main Bridge ship navigation with switch to select port or starboard GPS
	GPS	1	Raymarine	Raystar 120	Stand alone for Fly Bridge Chart Plotter
	Bridge Computer/Display	1	Raymarine	M1500	Main Bridge
	VHF Radio	3	Raymarine	VHF250	Main Bridge, Captains Cabin and Galley
	VHF Radio	1	Raymarine	Ray45	Main Bridge
	VHF Radio	1	Raymarine	Ray54	Fly Bridge
	SSB Radio	1	Stephens Engineering	SEA222	Radio Telephone
	Satellite TV	1	Raymarine	45STV	Linked to Direct TV receivers in all cabins and Galley
	Satellite Radio/Weather	1	Sirus	SP-PIR	Linked to Main Bridge Stereo
	Stereo System	1	Jenson	MSR3007	Two West Marine speakers on Main Bridge and speaker on Fly Bridge
	Sonar/Bottom Finder	1	Raymarine	DSM 300	Uses ST60 display on Main Bridge
	Sonar/Bottom Finder	1	Raymarine	DSM 400	Uses E120 display on Main Bridge
	Compass/Electronic	1	Raymarine	409771	Flux Gate compass linked to autopilot
Compass	1			Water filled Main Bridge	
Compass	1			Water filled Fly Bridge	
Watch Cameras	4	Raymarine	Cam50	Dive Deck Transom, Generator Room, Engine Room and Machine Room. Main Bridge on E120 display.	
<b>Electronics/Entertainment</b>	LCD TVs	10	Various Brands		All eight State Rooms, Galley and Captains Quarters equipped with LCD TV, DVD player and satellite receiver
	DVD Players	10	Various Brands		All eight State Rooms Galley and Captains Quarters equipped with LCD TV, DVD player and satellite receiver
	Satellite TV Receivers	10	Direct TV		All eight State Rooms Galley and Captains Quarters equipped with LCD TV, DVD player and satellite receiver
	Stereo System	1	Sony	CDX-M10	12V with own power supply and speakers located in common area connected to Galley TV
<b>Safety Equipment</b>	Fire Extinguisher/Handheld	9	Various Brands		Distributed Throughout the ship
	Fire Extinguisher/Automatic	1	FireBoy	DB1000	Engine Room engine shut down bypass on Main Bridge
	Fire Extinguisher/Automatic	1	FireBoy	DB900	Generator Room engine shut down bypass on Main Bridge
	Life Raft	1	Viking	25DK+	25 man, w/ water supplies, first aid and signaling devices
	Personal Flotation Devices	25	Various Brands		Type I PFD with strobe USCG approved
	EPIRB	1	ACR	RLB-35 CAT I	406 MHz
	Search Light	1	ITT/Jabsco		Remote controlled from Main Bridge
	Throw Rings with Strobe	2	Various Brands		
	Bilge Pumps	4			All four bilge spaces
	High Water Alarms	4			All four bilge spaces, alarm sounds in Main Bridge and in state rooms
<b>Environmental</b>	Marine AC	2	Cruisair	R16C	Provide Air/Heat for State Rooms, Heads, common area
	Split Unit AC	1	Mitsubishi	Mr. Slim	Provide Air/Heat for Galley common area
	Split Unit AC	1	Fujitsu	ASN24CL	Provide Air/Hear for Main Bridge, Captains Quarters
	Water Maker	1	Custom		900 GPD RO manual potable water maker
	Fresh Water Tank	1	300 gallons		??Gallons
	Water Heater	1	Titan	N120	220V 11.8kw tankless demand water heater new Jan 2013
	Fresh Water Pump	1			same swappable system
	Salt Water Pump	1			same swappable system
Waste Water Tank	1			same swappable system	
<b>Scuba</b>	Breathing Air Compressor	1	Bauer	MK15	601 hours. Last complete rebuild @ 474 hours
	Breathing Air Mixing Station	1	Custom		Stainless steel high pressure blending station for Air, Nitrox, Trimix, Heliox
<b>Galley</b>	Refrigerator	1	Victory	VUR60-SST	Side by side doors restaurant grade
	Stove	1	GE	JB8585PISS	Glass top commercial two door
	Microwave	1	Kenmore	721.805934	
	Ice Machine	1	Raritan	Icerette	
	Freezer	2	GE	FCM15SUAWW	Top load freezers for food storage
	Coffee Machine	1	Bun	Single CWTF15	2 Gallon commercial coffee maker
<b>Accommodations</b>	8 state rooms - 14 bunks			memorypedic	8 twins-6 full beds
	Captains State room			memorypedic	1 queen- (convertible to 4 twins)