

Boat Specification - EXTRA COMPONENTS AND FEATURES REQUESTED



CUSTOMER: STEVE SHEEN
BOAT NAME: HETTY DANORA

Completion: June 2023

ITEM	CONTRACT OR EXTRA	ITEM SPEC	DETAILS/NOTES/INSTRUCTIONS
STEELWORK			
Extra stainless steel bollards	Extra	PSTD-003 Ø89mm - 4 Off Extra 4 required. 2 each side to make double middle bollards	
Fixed steel seating for rear deck	Extra	Fixed seating on the rear deck To have hinged lids for under seat storage Steel welded construction	U shaped seating with storage underneath
Bases for davits to stern	Extra	2 x davit bases with standard Piper design Supplied including holes for mounting	Standard design to fit Simpson Swivelling Davits LSD75/125
Solid Handrailing around side decks	Extra	Consists of handrail stanchions and welded stainless steel handrail sections all around the side decks and going forward to the foredeck	
ENGINEERING			
Engine Upgrade	Extra	VETUS VD4.140 Raw water cooled engine	
Engine room insulation	Extra	Engine room insulation - sonitech light ST040A - 40mm thick for engine room (Double thickness over standard)	
Domestic Alternator upgrade	Extra	Balmar XT170A Alternator and Regulator Kit	
Remote Control for Bow/Stern Thruster	Extra	VETUS V-CAN wireless remote controller for proportional thrusters	
Generator upgrade	Extra	Kohler 7kW - 7EFKOZD Wet exhaust	Wet exhaust - NLP50, LGS5038, BV112
Boiler	Extra	Kabola HR300 - 10kW	
Hive/Nest Thermostat for central heating	Extra	Google Nest Learning Thermostat 3rd Generation Comes with Nest Heat Link	
Mains water pump	Extra	DAB Pump E.SYBOX MINI3 230v variable pressure pump	
Override switch on grey tank pump	Extra	Override switch connected to grey tank Mounted underneath wine cellar	
Automatic bilge pump system	Extra	2 x bilge pump panel switch (Osculati 16.608.12) 2 x Rule a Matic Float Switch 35A 2 x 25SA Rule Fully Automatic 500 Submersible	
Lithium battery upgrade	Extra	3 x Victron LiFePO4 Battery 25,6V/200Ah Smart-a Battery pack: 15.3kW	
Inverter Charger Combi	Extra	Victron Energy Quattro 24/5000 QUA245021010 Upgrade from 3.5kW 12v	
Isolation Transformer	Extra	Victron Energy Isolation Transformer 7000W ITR000702001 Upgrade from 3.6kW	
Shorepower input socket at stern	Extra	Cablemaster CM-4 Located in stern deck steps (cable coiled to sit above passageway units)	Switched on dash
Remote for CableMaster	Extra	Remote unit for cable master unit	
Remote Monitoring System	Extra	Bilge alarm to be added to Victron Cerbo system	
Internet connected security system	Extra	Nest Cam (indoor, wired) Customer to choose location (Wheelhouse?)	Requires 230v power
Internet connected smoke/CO alarm	Extra	Nest Protect: 2nd Gen Smoke + CO Alarm x 2 (Battery model)	
Charcoal filter for black tank	Extra	Charcoal filter to be added to both black tank breathers 2 x filters required (Large no-smell filter NSF38)	
Deckwash pump system	Extra	Deckwash system including:- Skin fitting, isolation valve, water strainer, pump & quick release tap connector	
EXTERIOR			
Electric Sliding Roof	Extra	Webasto 60 Series Sliding Roof NOTE: ROOF TO BE INSTALLED ABOVE GALLEY	Top mounted, grey anodised frame 1500 x 1100 with all steelwork framing included
Solar panels	Extra	2 x Victron Energy SmartSolar MPPT 150/35 (SCC115035210) Solar input 1000Wp. 10 x SPR-E-Flex-100 100W panels.	Wiring to cabin roof with DD2 cable gland x 2
Wi-Fi System	Extra	5G router with MiMo aerial with aerial mount	

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Wi-Fi System Starlink	Extra	Wiring to be installed by Piper Boats - system provided by customer	
Wi-Fi System Ethernet Switch	Extra	Home Network Wi-Fi Router to connect 5G router into Piper Boats to supply	
Double glazed & thermally broke windows/ports in cabin	Extra	14 x VETUS Marex Exclusive 18" portholes	Opening ports and frosted to heads
D Bar Painted & edge of wheelhouse roof	Extra	As above	
Wheelhouse painting - full wheelhouse painted	Extra	As above	
Paint - Strip painting like Karanja/Vitruvius	Extra	Colour detail strip White/Black/White strip (colours above)	(50mm white strip above, 75mm white strip below)
Coppercoat antifouling	Extra	Coppercoat antifouling- £60 per ft	Coppercoat bronze paint
Flexiteek - side decks up to wheelhouse	Extra	Teak with black caulking	Up to the front of the wheelhouse only
Flexiteek - full side & foredecks upgrade (57/60ft)	Extra	Teak with black caulking	All the way around side decks and foredeck
Flagpole socket on bow of boat	Extra	Extra stainless steel flagpole socket 35.158.02 With flagstaff 610 mm Ø 25 mm	
Bimini	Extra	Titan Boat Canopies Bimini & dodgers Fabric/material: From Titan range	Pivoted rail roof bimini including dodger skirt around the handrails
Upper helm cover	Extra	Titan Boat Canopies to do helm cover to match bimini	
Aft deck seating cushions	Extra	U Shaped seating cushions Sunbrella Plus material	Black with gold piping
Aft deck seating cushion cover	Extra	Cover for rear deck seating Titan Boat Canopies	
Gangplank & brackets	Extra	2 x 42.644.00 side bushing brackets to fit gangplank Gang way 42.658.00 Aluminium fitted with grating and supplied with two stainless steel stanchions & wheels	
Double Helm Seat	Extra	Plancraft PML TBBS001 - 1130 x 540mm twin helm seat Tilt back box seat with storage	
Toe steps to access cabin roof	Extra	N-70001 Sprung Toe Step x 2 41.106.01 Grab Handle x 2	One either side; in front of the wheelhouse
12v power socket on mast	Extra	External IP rated power socket on mast Aquafax 8-41006 Trem 12v socket	
230v power socket on upper helm	Extra	British General IP66 13a 1-Gang Weatherproof Outdoor Switched Socket (389XH)	
Stainless steel rubbing strips	Extra	Bolt on stainless D section fixed to top edge of top planks Osculati 44.480.11 (6m) Osculati 06.361.90 rubbing strake fixed to bollards outside wheelhouse door	Bolt on D section in front of side and front bollards Rubbing strake in front of wheelhouse bollard
12v drawer fridge under stern deck seating	Extra	ISOTHERM fridge CR36	Mounted in portside
Side/Bow deck - lighting	Extra	Lighting mounted into cabin sides Alphard V Light, SMD LED, W 3200k x 10 for cabin sides Alphard V Light, SMD LED, W 3200k x 2 for bow	These need to be mounted level with the TOP of the portholes
Lighting on exterior stern deck seat	Extra	3 x 'Pyxis R' Courtesy Light (SMD LED - White 3200°K)	Total of 4 lighting zones - side decks, wheelhouse, rear deck and courtesy light
Lighting on wheelhouse	Extra	3 x 'Pyxis R' Courtesy Light (SMD LED - White 3200°K) In underside of wheelhouse front roof underhang 6 x Osculati 13.427.11 courtesy light (3 each side)	
Fender Eyes	Extra	12x fender eyes to be fitted to boat 89x57mm 4 hole diamond eye plate JSEP16	
Aft deck folding cleats	Extra	Folding cleats mounted on the narrow stern deck- customer to advise location Price based on 2 x cleats	
Toe steps to access cabin roof	Extra	41.106.01 Grab Handle x 2	One either side;at rear of wheelhouse
WHEELHOUSE			
Mozzi screen for hatch HCM4242	Extra	Mosquito screen for roof hatch	
Bungs for roof hatches £50 each	Extra	White PVC bungs (to limit condensation)	
Upholstery £400 allowance	Extra	Porter & Stone Roseland Stripe Dove	
LED Lights in stairs	Extra	4 x white LEDS on stairs	
TV size (customer to supply with bracket)	Extra	LG OLED42C24LA 42"	
TV mount	Extra	TV rising mount To be installed in front of upper helm controls	To suit 40" TV
HELM POSITION / DASH / NAVIGATION EQUIPMENT			
Chartplotter	Extra	Raymarine Axiom 9" Chartplotter	Upgrade from 7" to 9"
Integrated Depth Sounder	Extra	IDT800 Transducer & Housing (NMEA2000)	Digital gauge available on chartplotter
Integrated Rudder Position Indicator	Extra	RF25N Rudder Feedback Unit (NMEA2000)	Digital gauge available on chartplotter
iPad connection for NMEA data	Extra	Digital Yacht Navlink 2 Nmea 2000 To Wifi Gateway I44-NLINK	This is a separate system to the Raymarine Axiom chartplotters.
VHF	Extra	Raymarine Ray 63 VHF Radio with Integrated GPS	

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Mobile VHF Handset	Extra	Raymarine Ray 90 Wireless Hub & Ray 90 Wireless Handset	Requires upgrade to Raymarine Ray 63/Ray 73 VHF
AIS System	Extra	Raymarine AIS700 Class B AIS Transceiver with Antenna Splitter	Includes laptop output cable
Follow up steering controls	Extra	Tiller steering controls for wheelhouse helm Raymarine Follow on Tiller Controller A80532 Autopilot can also be used for remote steering	
Autopilot	Extra	Autopilot computer and solenoid kit to work to hydraulic pack Autopilot controlled through Axiom chartplotters Raymarine ACU-300 & Evolution EV1 Sensor Core	
Wind Indicator	Extra	Raymarine Short Arm Wind Vane Transducer 705-R28170 Raymarine iTC-5 Instrument Transducer Converter705-E70010	
Camera System	Extra	Camera system (7 cameras) requested	Camera locations: 2 on mast looking either side, down towards water level 1 on back of rear deck seating 1 in engine room 2 on rear quarters of boat – on cab sides looking down towards stern water level 1 on front stem post
Garmin Bluetooth speaker system	Extra	Garmin Fusion Apollo MS-RA770 Head Unit Garmin Apollo Marine Amplifier 6 channel With 10 attached speakers, 3 zones Fusion XS Classic Marine Speakers 4"	4 speakers in saloon/galley, 2 speakers in wheelhouse roof, 4 speakers on stern deck
Toe steps at helm position	Extra	N-70001 Sprung Toe Step on main wheelhouse bulkhead Position to be discussed with customer	One either side; in front of the wheelhouse
SECONDARY HELM POSITION			
Follow up steering controls	Extra	Tiller steering controls for wheelhouse helm Raymarine Follow on Tiller Controller A80532 Autopilot can also be used for remote steering	
Chartplotter	Extra	Raymarine Axiom 9" Chartplotter	Upgrade from 7" to 9"
Raymarine Autopilot control	Extra	Raymarine P70s Autopilot Control Head	
Raymarine i70s display	Extra	Raymarine i70s Multifunction colour display	
Exterior Double USB Sockets	Extra	Scanstrut Charger Two USB Sockets Waterproof 12 and 24 VDC SC-USB-02	Mounted either side of upper helm on vertical side plate
INTERNAL WOOD / FLOORING / FIXTURES / FITTINGS			
Door Handles - choice as per samples (£1 allowance each)	Extra	151.17.209 Recessed Finger (£3.88 ea)	Approx 50 required
Radiators	Extra	Stelrad Softline Compact Radiators Saloon 450x2000 K2 Stelrad Softline Deco Radiators Front Bedroom 300x1000 K2 Rear Bedroom 450x1000 K2 Stelrad Softline Deco Concept Radiators Wheelhouse 600x600 K2	
Radiator - Front Ensuite Upgrade	Extra	Towel Rad - 1600 x 500 fitted to bulkhead	Larger towel radiator in bathroom than standard
Radiator - Rear Ensuite	Extra	Towel Rad - 600 x 1000 fitted to bulkhead	Larger towel radiator in bathroom than standard (wider)
Handrails	Extra	Extra handrails to be installed on the boat 2 x passageway steps 2 wheelhouse steps into galley 4 x Osculati 41.105.01	
WINDOWS			
Reynolds roller blinds to wheelhouse	Extra	Reynolds blinds for the wheelhouse Powered 12v blind to front screen	12v power required in wheelhouse pelmet
Manual Sliding roof blind	Extra	This includes black out & mosquito screen To fit Webasto 60 Series Roof	
FLOORING			
FLOORING UPGRADE	Extra	Oak 130mm Single Plank SDH3612	180mm planks no longer available
GALLEY	Extra	Oak 130mm Single Plank SDH3612	
BEDROOM	Extra	Oak 130mm Single Plank SDH3612	
SIDE CABIN	Extra	Oak 130mm Single Plank SDH3612	
GALLEY			
Worktops	Extra	European Oak Worktop - Full Stave Prime Oak Worktops	
Ceramic Sink	Extra	RangeMaster Rustique Fire Clay Ceramic Sink 1 bowl white CRUB4040WH	

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Galley Tap	Extra	Franke Athena Kitchen Mixer Tap - Decor Steel Mixer Tap	
Water filter & separate tap	Extra	General Ecology Seagull IV X-IF Purifier	
Dishwasher (customer to supply)	Extra	Fisher & Paykel DD60DDFH9	
Hob	Extra	NEFF N70 T26CS49S0 Gas Hob Hob needs to be checked for availability, there are significant problems with suppliers of kitchen appliances.	LPG
Oven	Extra	NEFF N70 B27CR22N1B Electric Oven - Stainless Steel Oven needs to be checked for availability, there are significant problems with suppliers of kitchen appliances.	Electric oven
Microwave Oven £100 allowance	Extra	NEFF N70 C17MR02N0B Built-in Combination Microwave Oven needs to be checked for availability, there are significant problems with suppliers of kitchen appliances. There is particularly an international shortage of these combined microwave/ovens - they were not available at all throughout 2021/2022.	
Fridge/Freezer	Extra	Vitrifrigo DP2600ix Fridge Stainless steel fronted	Upgrade from standard DP2600i fridge
Under counter Fridge/Freezer	Extra	Vitrifrigo VFDRW180APFTOCX	Second unit
Pull Out Waste Bin	Extra	Hafele 502.70.860	Pull Out Waste Bin, 2x 18L Space saver design which will fit under the middle shelf
LED Plinth lighting	Extra	Low level LED strip plinth lighting to plinths Price per room	
Gas Detector for Accommodation	Extra	VETUS GD100 Gas detector fitted in main cabin	
Google Nest Hub	Extra	Google Nest Hub - Wi-Fi connected requiring 230v power only	
DAYLOO			
General Design	Extra	Dayloo at bottom of wheelhouse steps White painted fitout, painted vanity unit and door.	
PIR activated plinth lights	Extra	PIR activated plinth lights	
SALOON			
TV size (customer to supply with bracket)	Extra	LG 60UQ90006LA 60"	
PASSAGEWAY			
3 x step arrangement for passageway steps	Extra	3 steps down into passageway. Cost for detailed design of new steps	
Washing Machine	Extra	Integrated	
Tumble Dryer	Extra	Integrated	
Spare Fridge freezer	Extra	Neff N30 K1121 ISE0G	
FRONT CABIN BEDROOM			
Anti Moisture Airmat [recommended]	Extra		
Mozzi screen for hatch HCM4242	Extra	Mosquito screen for roof hatch	
Bungs for roof hatches £50 each	Extra	White PVC bungs (to limit condensation)	
TV/Audio	Extra	Customer to supply TV - Samsung 43" The Frame	Satellite/CAT5 wiring taken to passageway cupboard in case of TV mounted on main bulkhead at end of bed
Shutters to front/rear hatch	Extra	Opening shutter with outer frame	
Headboard above mattress	Extra	Colour to be chosen by customer	
FRONT CABIN ENSUITE			
Shower Enclosure Wall Covering	Extra	Berry Alloc Natural Slate Glossy Finish 60 x 30	
Vanity unit	Extra	LG Hi-Macs Ice Queen W001	Price to be checked to see if 1 or 2 sheets of material required to make this work.
Toilet	Extra	Tecma E-Breeze Bidet toilet	230v macerator - 1.5mm cable with 10A MCB
Mozzi screen for hatch HCM4242	Extra	Mosquito screen for roof hatch	
Bungs for roof hatches £50 each	Extra	White PVC bungs (to limit condensation)	
PIR activated plinth lights	Extra	PIR activated plinth lights	
Underfloor heating for bathroom	Extra	Warmup Sticky Mat 150W - Requires 2m²	With Warmup Tempo White thermostat control
Mirrors	Extra	Mirrors fitted to bulkhead walls or in the back of shaker style internal doors	Dependent on size
Mirrors	Extra	Mirror fitted to cabin side - simple mirror panel, no lights etc	
REAR CABIN			
TV size (customer to supply with bracket)	Extra	Customer to supply TV - Samsung 32" The Frame	Satellite/CAT5 wiring taken to passageway cupboard in case of TV mounted on main bulkhead at end of bed
Anti Moisture Airmat [recommended]	Extra		
Shutters to front/rear hatch	Extra	Opening shutter with outer frame	

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REAR ENSUITE			
Vanity unit	Extra	LG Hi-Macs Ice Queen W001	Price to be checked to see if 1 or 2 sheets of material required to make this work.
Shower Enclosure Wall Covering	Extra	Berry Alloc Natural Slate Glossy Finish 60 x 30	
Toilet	Extra	Tecma E-Breeze Bidet toilet	230v macerator - 1.5mm cable with 10A MCB
PIR activated plinth lights	Extra	PIR activated plinth lights	
Underfloor heating for bathroom	Extra	Warmup Sticky Mat 150W - Requires 2m ²	With Warmup Tempo White thermostat control
Mirrors	Extra	Mirrors fitted in the back of shaker style internal doors	Dependent on size
Mirrors	Extra	Mirror fitted to cabin side - simple mirror panel, no lights etc	
ADDITIONAL ITEMS			
Engine Service Kit	Extra	Comprises of 2 x oil filters, 1 x fuel filter, 1 x air filter, 1 x impellor, 2 x O-rings, 1 x alternator belt and 1 x 40 Amp blade fuse	
Generator Service Kit	Extra	Comprises of 1 x Oil Filter, 1 x Fuel Filter, 2 x Brushes, 1 x Impeller, 15 x Assorted Fuses, 1 x V-Belt Seawater Pump and 1 x Anode	
15W/40 engine oil	Extra	20L - 4 x 5L Aquafax 2-74924	
32A shore power lead 25m	Extra	Victron SHP306002500	
Fenders - 6 x Tip Top (inc. Lanyards)	Extra	Tradline	
Mooring pin set	Extra	2x spirafix, 2x shackles, 1x T bar	
Mooring lines	Extra	Piper boats included: Mooring Line Black 14mm x 10m with Soft Eye N-50106 Customer to supply any extra mooring lines	