



OPTION LIST

Project : P14.889
Yard no. : YN199
Release : Rev 3
Date : 27/11/2018

OPTION LIST

All values are provisional until final design

REF.	DESCRIPTION	PRICE	STATUS
HULL CONSTRUCTION			
2.2	Integration of second stairway on port side from main deck to the swimming platform. Passerelle hatch integrated in the top steps. When not in use the passerelle hatch is blended in the structure. The operation is sequential integrated with the operation of the passerelle.	€ 40.000	Chosen
SUPERSTRUCTURE			
3.2	Integrated aluminium hardtop (fixed bimini) as per General Arrangement to provide shade for the sundeck wet bar and dining area. The hardtop will be painted in the same colour as the superstructure.	€ 175.000	Chosen
3.2	Sundeck layout can be personalized based on principals wishes. The fixed furniture as per General Arrangement Rev 0 can be tailored and/or a Jacuzzi can be installed.	TBD	
3.4	Bridge deck (open lounge) to be executed with manual opening aluminium sliding windows on port and starboard side. The total window consists of three tempered glass panels of which two panels can slide and one is fixed.	€ 47.000	
PROPULSION AND SYSTEMS			
4.2.1	Replace the Caterpillar C18 diesel engines by Caterpillar C32 diesel engines with a maximum power of 1417kW, giving an increase in maximum speed to 16,5 knots. The propulsion line will be upgraded in accordance with the bigger engines.	€ 300.000	Chosen
4.3.1	Alfa Laval fuel separator type MB 303S can be integrated in the fuel system. The separator takes fuel from the settling tank and fills the day tank with clean fuel. The day tank will have an overflow line to the settling tank to allow continuous operation of the fuel separator. The residual of the separation process will be discharged to the dirty oil tank.	€ 21.000	Chosen

4.3.2	Marine Grow Prevention System (MGPS) can be installed to protect piping and systems using seawater cooling water.	€ 14.500	
4.3.9	Watermaker, make Idromar, with a capacity of 8.600 l/day to be installed. The system will contain a sand filter and a chlorine dosing unit. Watermaker and membranes will be installed in the lazarette.	€ 44.000	Chosen
4.3.10	Sewage treatment system, make Hamann HL-Cont. plus 02 Slim with a capacity of 5.000 l/day, to be installed. The water from the waste water tank will be treated with this system. An additional solid waste tank will be integrated in the double bottom construction. The tank can be emptied similar as the waste water tank; overboard and to a connection in a filling station. This connection can also be used to empty the solid waste tank by shore based retraction station.	€ 59.000	Chosen
4.4.3	Upgrade the air conditioning system with an integrated second sea and chilled water pump as a back-up.	€ 12.500	
4.4.3	Bridge deck lounge to be executed with air-condition installation with the same requirements as the main installation. The area will have an upgrade of the thermal insulation of the sides and ceiling to prevent heat radiation.	€ 14.500	
ELECTRICAL INSTALLATION			
5.2.2	Glendenning cable master for one shore power cable.	€ 11.000	
5.2.2	Installation of an SPC-II Eekels Marpower shore power frequency converter 100KVA. This flexible and ultra-compact system converts worldwide available voltages into a reliable power source to safeguard quality of power. In European water with 400VAC 50Hz shore power supply one cable is sufficient to supply the shore power to the frequency converter. In American water with 200VAC 60Hz shore power supply both cables can be used parallel to supply the shore power to the frequency converter. The second shore cable will be supplied together with an additional Glendenning Cable Master.	€ 150.000	Chosen

5.3	Power Quality unit, is an active harmonic filter which injects real time the same harmonic disturbance in the entire electrical system with the same level, except in counter phase. The harmonic disturbance and the injected voltage equals each other and it reduces the harmonic disturbance in the system, caused by power regulators, frequency controllers etc. Balancing of each phase load will be achieved.	€ 42.500	Chosen
5.3	Power supply 110V 60Hz in each of the guest bathrooms and master bathroom will be installed. For power supply of personal, domestic equipment such as razors, hair blowers etc.	€ 12.000	
5.5.4	Underwater lights, 8 pieces integrated at the aft ship area. Four at the stern. Control on the touch screen of the MPA system.	€ 40.000	
5.8	CCTV, mounting and connecting of a colour camera system integrated into the MPA system incl.: - One (1) camera with pan/tilt/zoom function for engine room - One (1) camera with pan/tilt/zoom function on the aft deck starboard side - One (1) camera with pan/tilt/zoom function on the aft deck port side	€ 13.500	Chosen
EQUIPMENT			
6.1.1	The Eight (8) tubular Double bollards to be replaced by 400mm V-shape bollards	€ 15.500	
6.3	A hydraulic deck crane, capable of lifting 600 kg at 4,5m will be installed, starboard side, on the bridge deck aft. It will be operated by the central hydraulic power pack. It will be provided of backup power and painted to match the colour of the superstructure. The crane has a wired remote control and linear winch arrangement.	€ 70.000	

6.3	The lazarette can be converted into a fully equipped tender garage, containing the tender and other water toys. A hydraulic operated hatch will be integrated in the hull on port side. The garage can store a tender of approx. 5.5m. It will be launched by an overhead sliding crane with a capacity of SWL 1500 Kg. The tender garage will be equipped with a tender filling station connected to the day tank.	€ 265.000	
6.6	The ship's names and home port can be made from stainless steel, with or without LED back lighting.	TBD	
6.8	The railing at main deck aft and swimming platform made of an oval 60x40mm top rail with 38mm stanchions and a 38mm middle bar.	€ 75.000	
6.10	Bridge deck forward sun awning system 15m ² . Including carbon poles, storage bags, special sun awning fabric, colour to be selected. All poles will be delivered with a block and tackle to tension the fabric.	€ 24.500	
6.10	Bridge deck aft sun awning system 31m ² . Including carbon poles, storage bags, special sun awning fabric, colour to be selected. All poles will be delivered with a block and tackle to tension the fabric.	€ 28.000	
6.13	Delivery of a Bauer Junior Diving Compressor	€ 6.000	
6.14	Installation of a built-in round whirlpool/Spa, make Kasch type Wish. Integrated forward of the bridge deck. Entrance steps covered with teak and a handrail on one side. The pool will be connected to the freshwater system and executed with an emergency drain according class requirements.	€ 50.000	

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