

SCOUT II

Summary of 2016 and 2018 Refits

SCOUT II underwent a refit and rebuild between 2016 and 2018 which included a 5m extension aft and a 1m extension forward. Geoff Van Aller of Van Aller Yacht and Naval Design was in charge of the extension projects.

All projects were completed with Lloyds Registry approval. The refit was managed with a “no budget” approach and SCOUT II was upgraded to the latest standards to ensure trouble free global cruising for the future.

The works were carried out by Thunderbolt Marine in Savannah, GA, (2016/2017) and at Marine Group Shipyard in San Diego (2017/2018).

With a massive 9.2m (30') beam, the extensions have exponentially increased SCOUT's already significant deck spaces. At almost 400 Gross Tons, she dwarfs most other yachts of similar length. In terms of performance, build quality and maintenance. SCOUT II is in a league of her own.

The 2016/2018 refits included the following:

- 5m extension aft
- Bow reshaped and extended 1m forward
- New modernized mast installed
- Profile bulwark cut outs

The stabilizer system was replaced (4 fins, 2.5m² each) with a Quantum 1200 system with Zero Speed which increased her (already excellent) comfort at anchor.

The project included the removal and re-fitment of brand-new fins with new watertight hull compartments. In addition, the entire hydraulics system was replaced to drive the bow thruster, new crane, passarelle, and aft capstans through the Quantum control system, plus all associated programming and tuning.

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The mechanical/machinery replacement included:

- Full Lloyds (25-year Special Survey) and Marshall Islands Surveys incl. hull thickness etc
- Main Engines serviced and updated- new water pumps, turbos, injectors, gaskets, heat exchangers
- New Engine room ventilation system with AC added
- Mask in Electronic monitoring
- Laser engine alignment
- Rudders replaced and increased in size
- Monel prop shafts aligned and turned (Lloyds approved with cert) and new cutlass bearings
- Propellers replaced with 5 blades, polished and balanced
- Transmissions rebuilt
- Laser sighted alignments
- New stern capstans
- Pipework replaced
- Most wiring and breakers replaced throughout
- New hydraulics systems
- New Sea chest system installed
- New MSHS main switchboard and panel
- New Atlas Shore power transformer
- New 75 kVA ShorPOWER HV Ultra Series Frequency convertor with Seamless transfer
- Generators replaced and third gen added
- 1-ton Crane replaced with 2.5-ton Nautical Structures crane -installed with LR approved structure
- All major pumps replaced or serviced
- New water filtration including UV light system
- New blackwater Hamman system upgraded
- New air conditioning chiller and AC handlers
- New towing system rated for 100t of pull
- New tender and all other tenders serviced
- Windlass rebuilt
- Complete new electronics package and wheelhouse modernization
- New CCTV system

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- New exterior lighting
- New A/V system completely replaced with control 4 system
- New exterior covers
- Complete paint job from mast to waterline and new varnish
- All sea valves/hull openings (32 valves) refurbished or replaced
- Anchors replaced and sized up including replacement of chain and windlass wildcats and new markings on anchor chains
- Anchor pockets and nose plate polished
- Hull UHP (water) new antifoul applied - 2 coats (Lloyds approved) and new zinc anodes
- All fuel and water tanks opened inspected and water tank paint touched up
- All new bridge equipment
- All new LSA, medical & fire kits to MCA standard inc new life rafts, life rings, jackets etc (SOLAS)
- New FCI De-salination units (water makers)
- New wildcats, servicing by manufacturer and testing of windlass
- 2 x new Stidd helm chairs
- Steering gear serviced
- Replacement of various valves and pumps including main fire pump
- Transfer fuel pumps and pipework and manifolds replaced and installation of fuel counters
- 2 x new Carlisle and Finch remote operated spotlights
- New aft main deck table and chairs
- New BBQ/Egg and Pizza Oven installed on sundeck
- New infra-red heaters above owners exterior table
- New custom waterfall hot tub and sunning area
- New heavier ground tackle (chain and anchors)
- New fishing gear and Release Marine 130lb big game chair
- Crew areas updated in décor, electronics and comfort