

Case Study– Extensive service project on M/Y *Starfire* MSHS demonstrates capabilities of “One-Stop-Shop”

TYPE OF VESSEL

Luxury M/Y, Recreational and Charter

178 foot length

SCOPE OF SERVICES

- Reconditioning of the windless gear box and shaft
- Electrical updates on main engines DEUTZ 628
- Modification of components (special machining)
- Inspection and repair of injection pumps and fuel injectors
- Repair and cleaning of injection line sealing cones
- Repair / rewire of navigation light junction box (mast)
- Alignment measurements and adjustments, machining of custom shims for vertical adjustment on main engines



Fort Lauderdale, Florida – July 2013

Motor-Services Hugo Stamp, Inc. (MSHS) recently completed an extensive service project on the M/Y *Starfire*. Over the course of the three month project, MSHS performed **mechanical, electrical, alignment and machining** services, demonstrating MSHS’ “One-Stop-Shop” marine capabilities.

“Firstly, thank you all for your last minute help. You guys were kind of dropped in the fire, but as always your team did a great job and it was really appreciated.” Chief Engineer Nicholas Edwards

Project requirements

Having serviced the *Starfire* for over 15 years in various locations including Florida, the Caribbean and Hawaii, MSHS was contacted to come aboard for routine service in the spring of 2013. Beginning in March, the service technicians **inspected and overhauled** the injectors, followed by a **reconditioning** job on the windless gear box and shaft, requiring **special machining** capabilities. The team’s **electrical services** were requested in order to update the pair of DEUTZ 628 main engines, including the removal and replacement of all existing wiring and connection boxes. Upon successful completion, Captain Carl Sputh asked MSHS to perform an additional **electrical update**, consisting of the rewiring and repair of the navigation light junction box. Vital to all vessels, the navigation light junction box is used to signal the craft’s position, heading and status.

Shortly before leaving Florida, the customer asked MSHS to take over a **major alignment job** of the main engines. Unforeseen schedule changes, required MSHS to complete the extensive job in a limited amount of time, allowing the 178 foot luxury vessel to reach its scheduled destination on time.

“Without MSHS our schedule would not have been met and our Summer season lost. Your advice, expertise and high quality of work was much appreciated but most of all you understood the importance of the tasks and kept up good communication as the projects evolved!” Captain Carl Sputh

Project result

Given the extensive scope of services combined with a tight project schedule, the luxury super yacht crew was very pleased with the thorough handing of the complex project.

MSHS demonstrates 'one-stop-shop' offer

Yacht refit highlights all-round capabilities

Florida-based Motor-Services Hugo Stamp (MSHS) has completed an extensive service project on the high-class yacht *Starfire*, including work to the vessel's Deutz main engines. Over the course of the three-month project, MSHS performed various mechanical, electrical, alignment and machining services, demonstrating its 'one-stop-shop' capabilities in a marine environment.

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service in the spring of 2013. Beginning in March, the company's service technicians inspected and overhauled the injectors, followed by a reconditioning job on the windless gear box and shaft, requiring special machining capabilities. The team's electrical services were requested in order to update the pair of Deutz 628 main engines, including the removal and replacement of all existing wiring and connection boxes. Upon successful completion, MSHS was asked to perform an additional electrical update, consisting of the rewiring and repair of the navigation light junction box. Then,

shortly before leaving Florida, the customer asked MSHS to take over a major alignment and measuring job involving the main engines and the machining of customised components. Unforeseen schedule changes required MSHS to complete this extensive job in a limited amount of time, allowing the yacht to reach its scheduled destination on time.

Further demonstrating the wide range of marine service capabilities the company offers, in recent months MSHS has launched a new turbocharger maintenance and service facility in New Orleans. This provides a range of turnkey services to turbochargers on vessels operating in the Gulf Coast regions. Fully authorised by Napier Turbochargers, the new facility supports all marine applications and sectors.

The recently opened MSHS Gulf facility is equipped with the latest balancing technology and has a comprehensive inventory of turbochargers and spare parts. Factory-trained technicians based in New Orleans are able to provide turbocharger servicing either in the workshop or onboard ship. **SRCT**

MSHS has completed an extensive service project on the luxury yacht *Starfire*, including electrical updates to the main engines



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