



IRCLASS
Indian Register of Shipping



90001
45001
15001



RIMAL AL BAHR INSPECTION MARINE TRANSPORT

EXPERT IN SURVEY.....SUCCESS IN RESULT

WWW.RAIMARINE.COM



WHY OUR COMPANY

Rimal Al Bahr (Raimarine) Services specializes in providing qualified and impartial client representation for Yacht Inspections, Yacht management, Yacht Sale & Purchase Inspections.

Our multilingual team of yachting professionals with an exclusive specialist inspection and Warranty team, having an in-depth knowledge of new technologies and designers.

Rimal Al Bahr (Raimarine) is your bespoke yachting specialist.

YACHT INSPECTION ACTIVITIES

- Out of water under hull inspection including osmosis & hull openings survey
- Sea trial Engine performance testing of Large luxury yachts
- Comprehensive sea trials & recommendation to buyers & yacht owners
- Thorough inspection of all aspects of the yacht including underwater inspection
- Yachts registration inspection
- Yachts hull and machineries survey inspection
- Insurance survey
- yachts and cruise boats
- Yachts pre purchase inspections
- Yacht general condition survey
- Yachts hull and machinery survey inspection
- Yachts sea trial and performance evaluation survey
- Yacht damage repair
- Yachts inboard engine performance test experts
- Yachts outboard engine test experts
- Yachts inboard and out board engine service and repair
- Yachts equipments test
- Fire fighting and life saving
- Anchor operation test

THE SEA TRIAL

- **Sea trial test**
- **Before purchase**
- **Sea trial with engine testing performance**
- **the sea trial it is very important and highly recommended before yachts purchase**
- **check the manoeuvring and speed control lever and synchronising test**
- **steering performance test**
- **response during maximum speed**
- **the engine cooling temperature oil pressure and oil temperature for each engine RPM and speed**
- **Main engine ahead and astern test**
- **Engine emergency stop test**
- **Main engine exhaust manifold inspection**
- **Main engine turbochargers**
- **Cooling water system and accessories inspection**

A white motor yacht is shown from a side profile, sailing on the ocean. The sky is a mix of blue and orange, indicating a sunset or sunrise. The yacht has a dark canopy on the upper deck and large windows on the lower deck. The water is dark blue with some whitecaps.

- **HVAC SYSTEM INSPECTION**

- **AC PERFORMANCE**

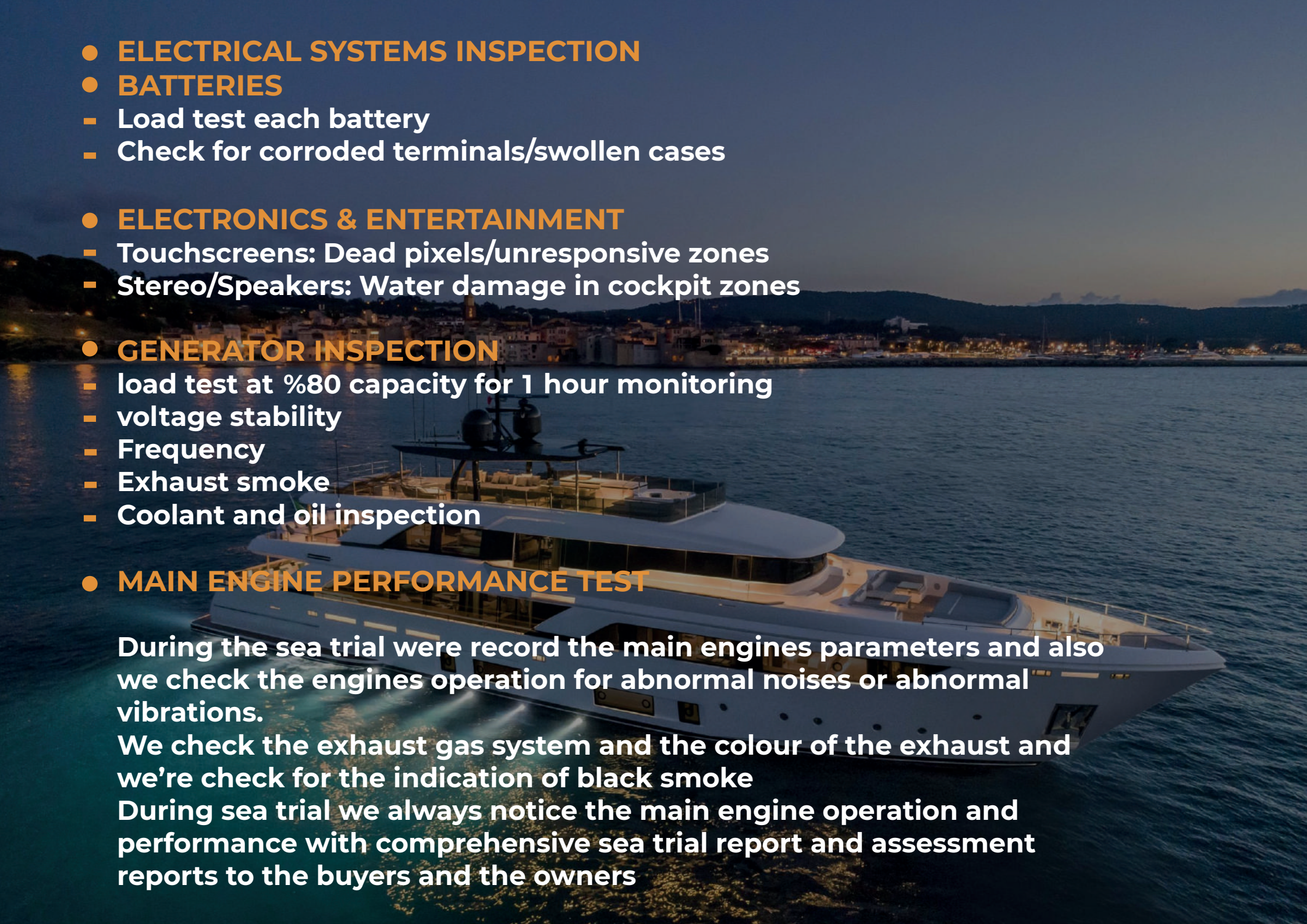
- airflow from vents
- Verify coolant pressure
- Check for condensate leaks

- **VENTILATION**

- Confirm bilge fans and exhaust blowers operate automatically

- **NAVIGATION SYSTEMS AUDIT
RADAR/CHARTPLOTTER**

- Verify GPS accuracy compare to handheld GPS
- Test radar range
- Engage at cruising speed
- Check rudder feedback sensor calibration

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- **ELECTRICAL SYSTEMS INSPECTION**
 - **BATTERIES**
 - Load test each battery
 - Check for corroded terminals/swollen cases
 - **ELECTRONICS & ENTERTAINMENT**
 - Touchscreens: Dead pixels/unresponsive zones
 - Stereo/Speakers: Water damage in cockpit zones
 - **GENERATOR INSPECTION**
 - load test at %80 capacity for 1 hour monitoring
 - voltage stability
 - Frequency
 - Exhaust smoke
 - Coolant and oil inspection
 - **MAIN ENGINE PERFORMANCE TEST**

During the sea trial we record the main engines parameters and also we check the engines operation for abnormal noises or abnormal vibrations.

We check the exhaust gas system and the colour of the exhaust and we check for the indication of black smoke

During sea trial we always notice the main engine operation and performance with comprehensive sea trial report and assessment reports to the buyers and the owners

MR SAMEH ABD EL ALIM

COMPANY GENERAL MANAGER

- REGISTERED FLAG STATE INSPECTORS FOR :
- ST. KITTS AND NEVIS
- ANTIGUA AND BARBUDA COUNTRIES

Mr. Sameh Abd El Alim is a seasoned marine industry expert with over 25 years of onboard experience on merchant ships and offshore DP vessels. His expertise spans vessel operations, inspections, and offshore technical systems. He has been recognized as a speaker at multiple Offshore Support Vessel Conferences, receiving the Excellence Speaker Award, and was a featured expert at the 2024 Sustainable Coastal Development MENA Forum in Dubai. His leadership drives our commitment to delivering trusted, high-standard marine services.



- MARINE CHIEF ENGINEER
- ADNOC SSS APPROVED
- MARINE SURVEYOR
- TECHNICAL EXPERT
- MARINE CONSULTANT
- FLAG STATE INSPWCTOR



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رَمال البحر لمعاينة وسائل النقل البحري



RAI MARINE
Expert in Survey
Success in Result



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EXPERT IN SURVEY.....SUCCESS IN RESULT



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