

AMEA Services UK Completes 5-Year Survey Works

CLEAN AND SPANNER CHECK OF ALL SWITCHBOARDS

Generators, propulsion drives and transformers also completed.

VESSEL WIDE IR TESTING COMPLETED

All high and low power distribution circuits tested.

SECONDARY INJECTION TESTING OF CIRCUIT BREAKERS

ABB Sace breakers injection tested and certificates issued.

HARMONIC STUDY COMPLETED

Harmonic analysis completed on 690v and 400v boards during sea trial.

TEST AND INSPECTION REPORT COMPLETED

Full report handed over to vessel and class inclusive of recommendations.



Introduction

Electrical content 5-year survey works completed on 92m diesel electric yacht.

Works Completed

- Generator, propulsion, tie and transformer circuit breakers secondary injection tested.
- Clean, spanner check and inspection of 690v, 400v, 230v, 24v and emergency switchboards.
- Clean, spanner check and stator IR test of alternators, propulsion drives and transformers.
- Full vessel wide IR test of all circuits including 690v, 400v, 230v, 24v and emergency circuits.
- All motors above 3KW IR tested.
- All distribution boards spanner checked during IR testing.
- Harmonic analysis completed during sea trial.
- Detailed test and inspection document and breaker injection certificates handed over upon completion.



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