



Italian Quality Yachts

We take care of your Yacht ...



SURVEY SERVICE



Survey

Italian Quality Yachts, thanks to the different and complementary skills within the survey team, is able to offer an important support to obtain the safety and necessary tranquility for the owner or the client regarding the Survey of the yacht. We can support the new construction, its purchase or sale, or any stage of the life cycle of a yacht where the intervention of professionals is mandatory.



During the construction we carry out a meticulous and constant monitoring both of the quality and of the correspondence to the contractual specifications in every phase, working professionally with all the actors involved in the project (shipyard, contractors, classification and register, flag authority, etc.). Our team is not only limited to pure surveillance and reporting, but can also be an active part in the determination of requirements, functional or aesthetic details, aimed to the improvement of the yacht.



SURVEYS | INSPECTIONS

A team of specialized professionals with many years of experience will be able not only to evaluate the problems, but also and above all to propose optimal solutions from the economic and technical point of view for a complete protection of the customer technicians

ITALIAN QUALITY YACHTS performs pre-purchase inspections, surveys, inspections and valuations of various types and uses technologically advanced equipment, all equipped with certification and calibration.

A pre-purchase survey will give you a clear overview on the condition of the yacht, any critical defects and potential future maintenance.

- Surveys and inspections during each phase of the boat's production: Initial Production Check - During Production and Inspection Production monitoring.
- With the yacht production monitoring tool, all possible irregularities will be reported in detail and referred to the manufacturer and the owner/customer so that it will be possible to intervene to correct and/or improve the project with the aim of providing a wonderful final product that reflects the desired features.
- Acceptance does not occur before a full investigation by an IQY inspector.



EQUIPMENTS

Our measurements are carried out with the latest-generation equipment and enable us to make professional and certified calibrations .

Sea trial and on-board systems test .

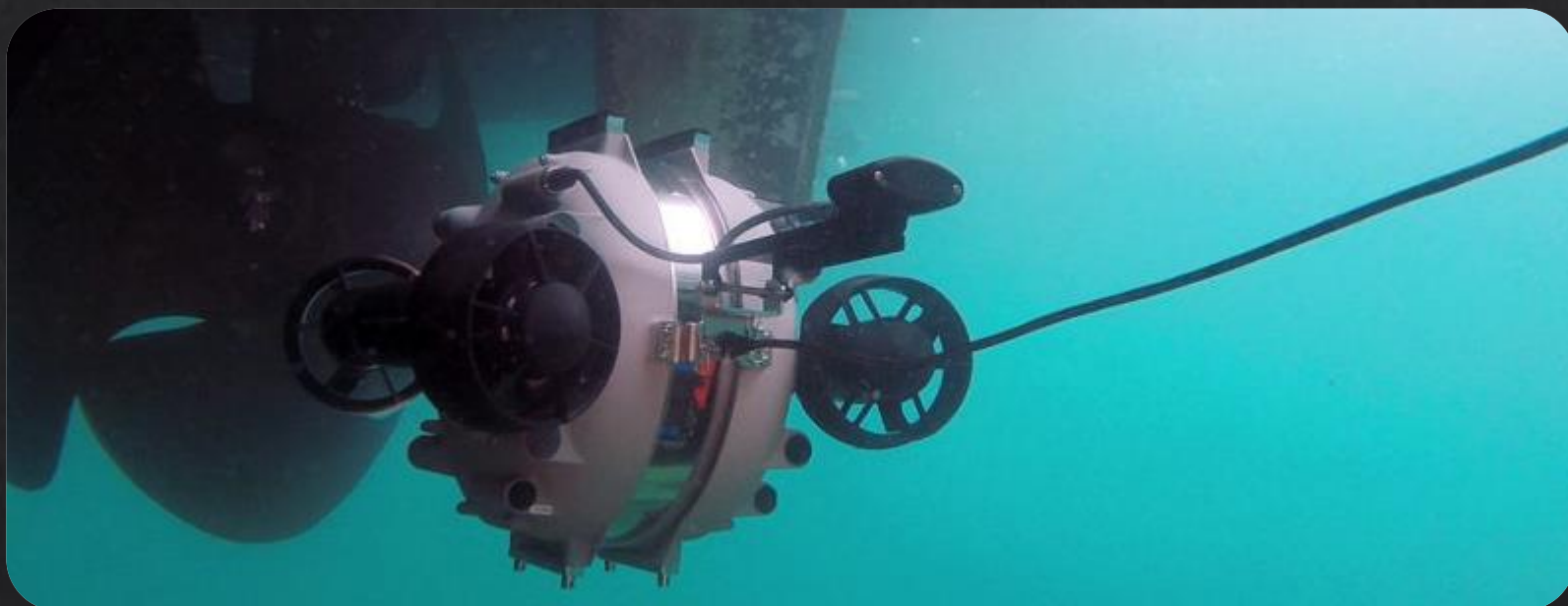
Machinery inspections also following damage and warranties.

Noise & Vibration testing.

Thermographic checks (identification of laminate defects on fiberglass boats, electrical installations...).

Underwater inspections using remotely operated vehicle (ROV).

Non-destructive material testing.



For a reliable and independent inspection of your yacht call +39 0584.383957
Or send an e-mail to fabio@italianqualityyachts.it



EQUIPMENTS

Non-destructive material testing

Wireless video inspection systems

ROV ,remotely operated vehicle with 70mt cable

Sound level meter

Digital ane-mometers

Digital Vibration Meter 3-axial – acceleration, speed, displacement

SKINDER digital humidity detector (measurement of air temperature)

Higrometer sensor type PIN

Infrared temperature meter -25+800°C ris.0,2°C D:S=12:1

High sensitivity infrared thermal camera

Through coatings ultrasonic thinckness gauges

High precision Coating thickness gauges

Digital Glossmeter 3 angles (20°-60°-85°)

Digital Tachometer

Endoscope with 5mt fiber cable



ACTIVITIES

- Checking the planking during the construction of the iron or aluminum hull
- Checking of spacing of iron or aluminum sheets and welding
- Checking of the positioning of the irons according to the construction project
- Dimensional surveys and checks of the structures and compartmentalization in 2/3D with high precision instruments
- Detection of sheet thicknesses (iron/aluminum) of the hull bottom with non-invasive ultrasound instruments with a grid mapping or according to the requests of the registry body
- Detection of thicknesses and delamination of the fiberglass hull bottom with non-invasive ultrasound instruments and grid mapping or according to the requests of the registry body.
- Detection of percentage tolerance on the sheet starts, before painting as per customer contract.
- Checks and detection of structures at risk on steel, fiberglass and aluminum hulls
- Check of paint thickness and gloss level with a three-angle system 20°-60°-85°
- Penetrating liquid tests on shafts, propellers, rudders, supports and welds
- Phonometric tests
- Moisture tests on wood and fiberglass in sandwich or monolithic
- Detection tests with a high-sensitivity infrared thermal imaging camera, of heat losses (electrical panels, on-board instrumentation, high-pressure hydraulic systems, etc.)
- Digital Tachometer photometer test for propeller shafts and engines
- Design, modeling and 3D printing
- Design of all propulsion, electrical, hydraulic systems
- Production, production of molds with a 5-axis machine for the production of carbon parts and components
- Milling of pieces with a 5-axis machine
- Pre-purchase valuation and evaluation inspections
- Technical sea trial tests of various types and nature
- Technical tests and stability calculations
- Insurance surveys



ACTIVITIES

- Production of documentation for classification society or flag authority
- interior design and rendering in high definition
- Inspections with underwater camera to check the hull, the quickworks, the propellers, the propeller shafts
- Phonometric survey during navigation for classification societies
- Assistance to the crew for class certifications and flag visits
- Checking the weight of a ship (lightship survey)
- Updating stability files
- Drafting chain thickness measurement certificates
- Quality control, verification of compliance with the contract, verification of compliance with international standards
- Assistance for CE marking of vessels
- Technical-legal assistance on disputes (CTP)
- Updating/drafting safety plan
- FEM calculations of structures and deformation analysis
- Thermographic and hygrometric verification of hulls
- Design of small parts, details and modifications to systems
- Reverse engineering on hulls and superstructures
- CFD analysis of hulls and appendages
- Management of warranty and refitting works with the shipyard

REPORT

Reporting is the final work of the surveillance task, with simple interface reports in two languages (Ita.-Eng.). It completes all the activities carried out, returning in the hands of the client documents that can also be used in legal disputes.



...for years servicing Quality ...

Operations Site:

Via Scirocco, 53 55049 - Viareggio (LU)

tel./fax +39 0584.383957

cell. +39 335.7119479

e-mail: info@italianqualityyachts.it

web: www.italianqualityyachts.it

Legal Office:

Italian Quality Yachts s.r.l

Via XXV Aprile, 35 - 24060

Riva di Solto (BG) – Italia

VAT n.: 04188950168

- Project
- Refit
- New yacht
- Customer Service
- Survey