

A wireframe 3D model of a ship's hull, rendered in a light blue color against a dark blue background. The model shows the complex structure of the hull, including the deck, side panels, and the curved bottom. The lines are thin and create a grid-like appearance.

YOUR YARD'S TECHNICAL DOCUMENTATION GHOSTWRITER



www.sciaservices.com
info@sciaservices.com
+39 349 3167947

WHAT WE DO

SHIP MANUALS
TECHNICAL DOCUMENTATION
CREW TRAINING
ILS
CMMS APP

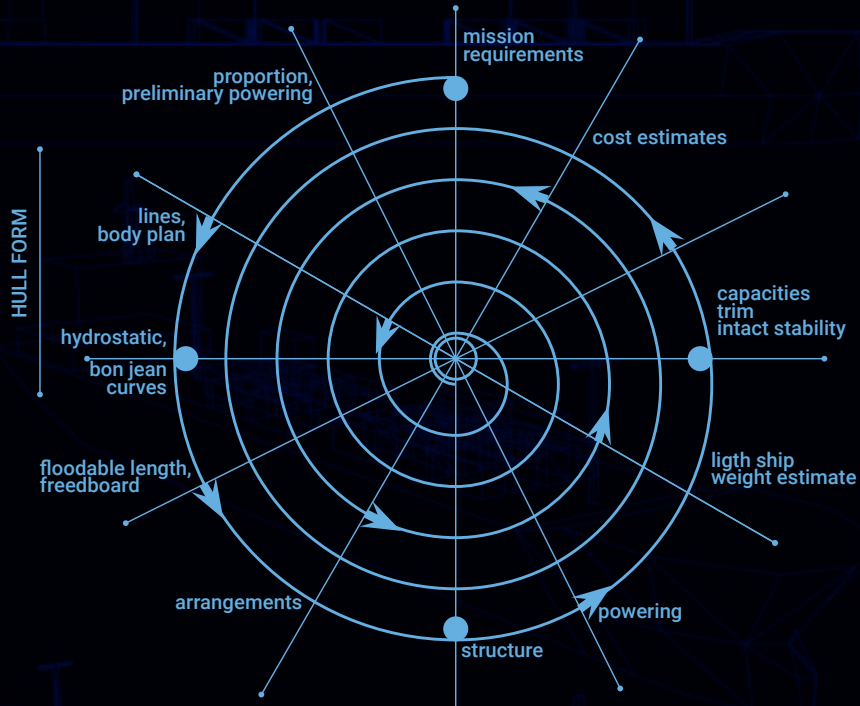
We are specialized in the compilation of Ship Manuals and their application in the training of crew to operate and maintain the relative vessels.

We also draft reports, section-specific technical documentation and refit integrations for existing naval units and manuals.

Our team of former ships' Captains and naval engineers' main task is to coordinate the technical documentation of each vessel with suppliers throughout the constantly evolving design and construction process.

This allows us to integrate standard specs with the designer's drawings and incorporate system modifications and custom components into a master manual that offers a comprehensive overview of every part and function of the vessel.

HOW WE WORK



Ideally, the compilation of a ship's manual, or any part there of, is a design-to-construction documentation process that follows the vessel from the drafting of its first GA to delivery, and beyond. Our job is to follow the process step-by-step, and pull it all together.

Throughout the constantly evolving phases of design and construction, our team coordinates the influx of technical information provided by designers and suppliers, studying and integrating all documentation relating to the vessel's systems, whilst providing the shipyard with a single point of contact in relation to our four interlinked fields of specialization.

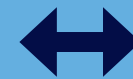
**SHIP MANUALS
& TECHNICAL DOCUMENTATION**



TRAINING



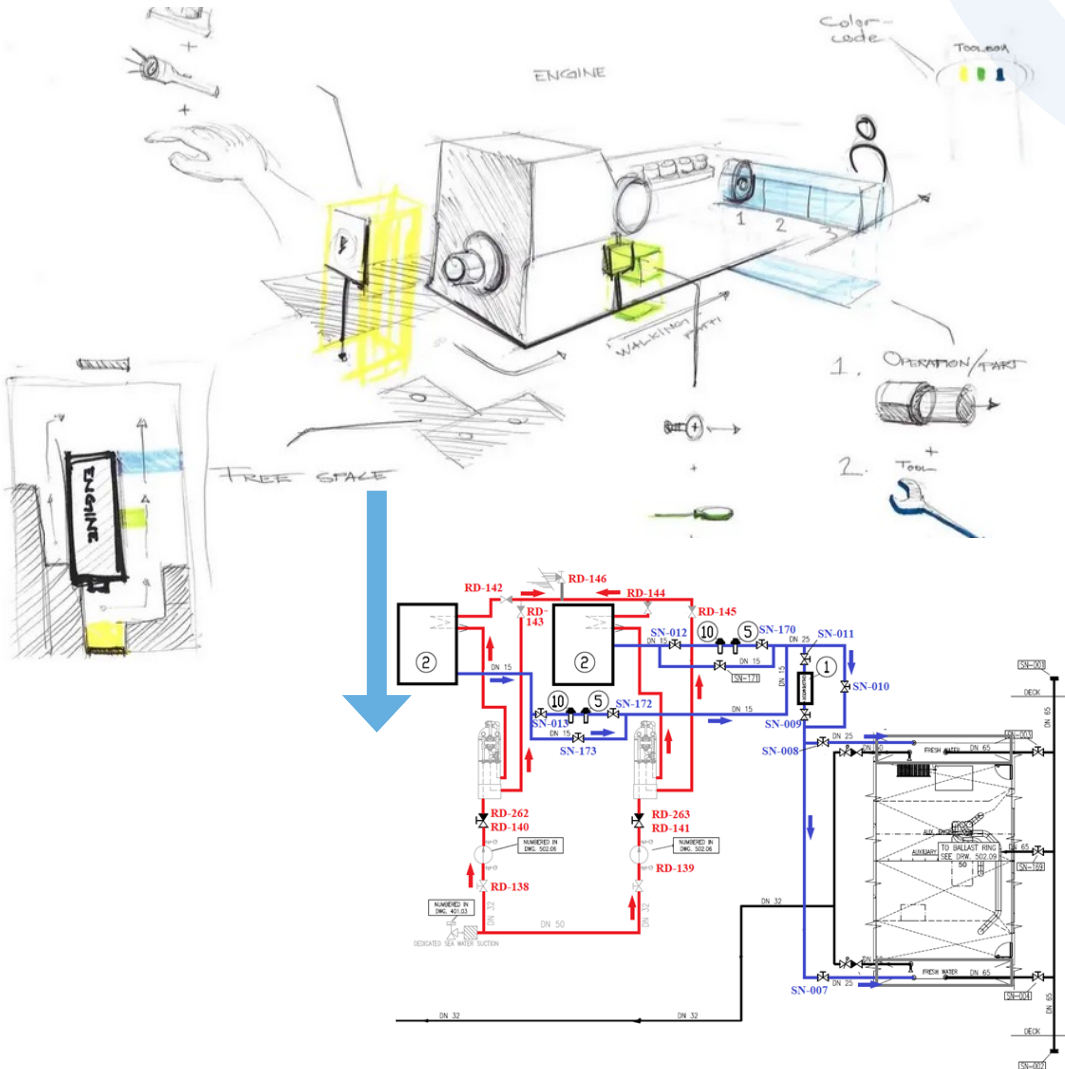
ILS



CMMS APP

This activity is both remote and hands on, with frequent yard visits throughout the build or refit process, with on board checks to evaluate any "as built" modifications and ensure no details are omitted.

SHIPS' MANUALS



The Ship's Manual is the primary interface between the vessel's crew, management and the whole **"shipping system"**, providing all technical information required for proper systems and equipment operation and maintenance, as well as necessary information for insurance and legal purposes.

Throughout the build or refit process our task is to coordinate the sourcing and update this information and create a clear communication channel between the yard, the designers, production team and suppliers for everything that concerns the ship's technical documentation, relieving the yard of the time-consuming daily task of coordination.

TRAINING

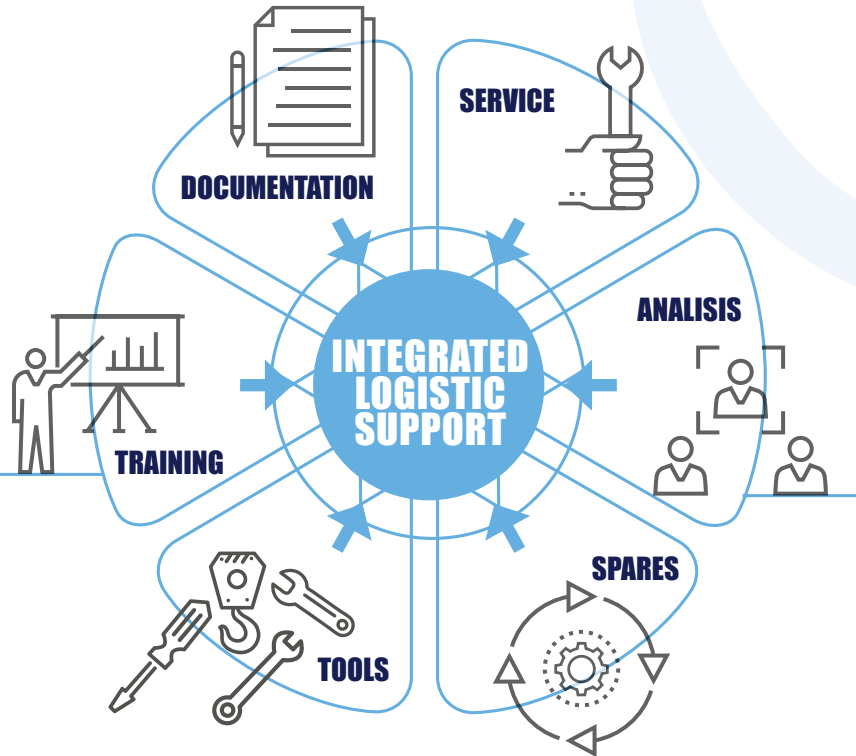


Using all the technical information collected during the drafting of the manual, our Training Manager is tasked with instructing the crew in the general use of the vessel, and coordinates all training provided by sub-suppliers.

He is responsible for hands-on facilitation of crew visits to the yard when required, overseeing the Gantt and all training sessions with suppliers' technicians, including:

- **The Training Process Overview;**
- **Training schedule, Objectives and methods;**
- **Description (narrative explanation of the subject matter); Content and Syllabus;**
- **Crew Prerequisites (Hard skills and educational requirement); Max. number of trainees;**
- **Duration; Location; Instructors;**
- **Evaluation Method;**
- **Training aids (documentation, charts, slides, videos and so on) and means; Facilities (i.e., classroom, auditorium, etc..).**

ILS



We provide customised Integrated Logistics Support (ILS) schedules for vessels and fleets, following both military and commercial service standards to define our ILS protocols, including:

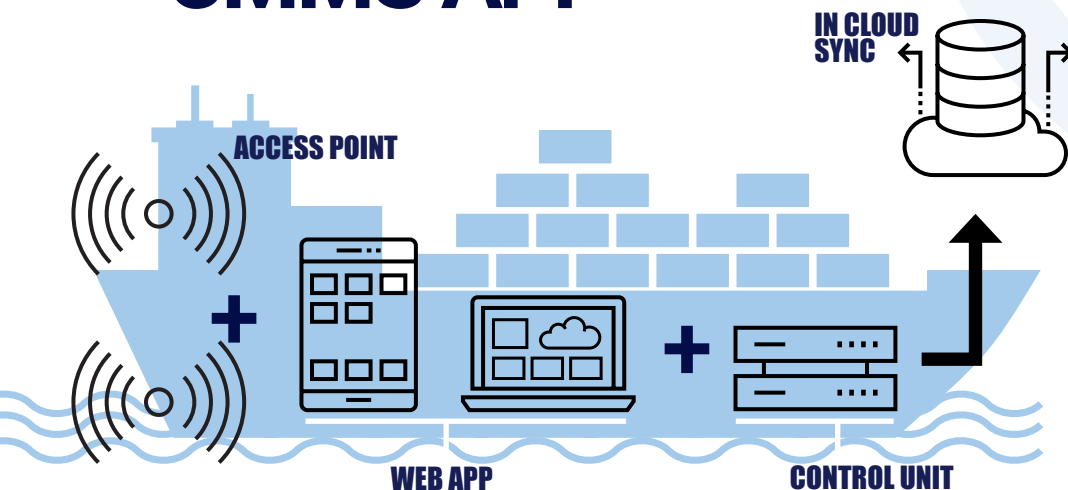
- **Coordination of the information received by the designer and sub-suppliers**

- **Logistics overview**
- **Spare parts optimization**
- **Lifecycle analysis**
- **Back-office coordination**
- **After-sale supervision**

In the Shipbuilding Industry, this technical and management process is integrated into the design of a vessel or a fleet and taken into account throughout its life cycle. In short it is the process by which all elements of logistical support are planned, acquired, tested, and provided in a timely and cost-effective manner.

Using the information collected during the drafting of the Ship's Manual and Training Program, and working in direct contact with the designer and sub-suppliers, we are able to define the full ILS plan for a vessel, foreseeing the standard maintenance plan for a set, period which is normally defined between 2 and 5 years.

CMMS APP



Our internal CMMS (Computerized Maintenance Management System) software system allows the Owner to access all aspects of a fleet or vessel's management, both on-board and remotely, including those normally managed through paper-based systems.

Thanks to its easy-to-use, modular architecture, our system allows the Owner to customize the design to his

needs, including anything from general fleet management to on-board operational aspects, while implementing advanced functions such as warehouse management, requests for spare parts or assistance, and scheduled or extraordinary maintenance

The remote-control concept allows the owner, the crew and the yard, when authorized to do so, to monitor the vessel's use and performance, thus foreseeing any issues before they arise, and allowing for the timeous organization of maintenance to prevent unnecessary damage.

To facilitate its use and simplify all the activities like warehouse management and push-button spare parts orders, all equipment on-board is tagged with a personalized QR-code which leads directly to a page detailing scheduled maintenance dates and indications, recurring maintenance management, extraordinary maintenance with task reminders, plant serial numbers, warranty updates etc.

OUR LATEST PROJECTS

1 X 75m OFFSHORE PATROL VESSEL 
AFM, Malta

2 X 65m OFFSHORE PATROL VESSEL 
Guardia di Finanza, Italia

8 X 35m OFFSHORE PATROL VESSEL 
Guard National, Tunisie

6 X 27m FAST PATROL VESSEL 
Navy Tunisie, Tunisie

4 X 12m FAST PATROL VESSEL 
Marina Greca

1 X 22m MILITARY VESSEL 
Marina Italiana

1 X 28m MILITARY VESSEL 
Marina Italiana

4 X 50m PLEASURE MEGA YACHT
Private

2 X 45m PLEASURE MEGA YACHT
Private

A TEAM OF

A TEAM OF:

- NAVAL ARCHITECTS
- PROJECT MANAGERS
- 10+ EX-SHIP CREW MEMBERS:
FORMER SHIP CAPTAINS
MECHANICAL ENGINEERS
DECK OFFICERS
CREW MEMBERS

IN CHARGE OF:

- PREPARING THE TECHNICAL DOCUMENTS ON BEHALF OF THE YARD
- ORGANIZING, COORDINATING AND LEADING CREW TRAINING ACTIVITIES



www.sciaservices.com
info@sciaservices.com
+39 349 3167947