



Everything your ship knows, answering on board.

The onboard assistant for ship's officers: vetting preparation, forms, failure knowledge and the vessel library, with or without internet.

For shipping companies MeltedLab Ltd hello@oceanmust.com

The knowledge is on board. It is just scattered.

Inspections

Questionnaires in one folder, the SMS in another, the regulation somewhere else. Every vetting starts with hours of searching.

Forms

Terminal, port and charterer forms ask the same ship data again and again, typed by hand each port call.

Breakdowns

The fix for last year's compressor fault left with the engineer who signed off. The next ship starts from zero.

Handovers

Instructions, circulars and lessons depend on what the outgoing officer remembers to pass on.

What OceanMust does

Assistant and library

Ask in plain words. Answers come only from the documents the person may see (conventions, flag and class rules, your SMS and circulars, ship manuals), each with the page it came from.

Vetting assistant

Every SIRE, CDI, USCG and PSC question linked to the rule and the SMS procedure that answers it. Coming next.

Forms assistant

One verified record of the ship's particulars fills port, terminal and charterer forms. Officers check before sending.

Failures network

Equipment faults and how they were fixed, searchable by maker and model across the fleet, with no ship, company or person named.

Three places, kept in step

Ship's server

On the office network. Holds the vessel library and runs the AI, so the Assistant works with no internet. Ship PCs on the LAN, company tablets on business Wi-Fi.

changes only,
when online



OceanMust cloud

Accounts, crew lists, company documents, the OceanMust library and shared knowledge. Office staff use it in the browser.

crew internet



Crew phones and laptops

Private notes and permitted documents saved on the device, readable without signal.

The ship's business network and the crew network never connect to each other. Both talk only to the cloud, and the ship's server only connects out.

Your ship's files, read where they are

Nothing moves

Manuals, drawings and procedures stay on the ship's PCs and NAS, in the folders the crew already use. OceanMust reads and indexes them, keeping each vessel's own folder structure.

Read-only, always

The ship's server connects with one read-only account, set up once. It cannot change, move or delete a file. Crew keep their usual Windows logins; nobody switches accounts.

Stays on board

Network files are never sent ashore. Files with passport, seaman's book, bank or medical details are marked master-only automatically and never stored on phones.

The master chooses which folders OceanMust may read and who may see each one. Only changed files are read again, at night, without slowing the ship's PCs.

Four layers, four owners

Layer	What	Kept	Who sees it
Private	Personal notes, own uploads, conversations	Follows the person to every vessel and device	Only that person. Not the company, not OceanMust
Vessel	Manuals, drawings, certificates, crew list	The ship's server	Crew on board, by rank if set, and the company office
Company	SMS, circulars, vetting and investigation reports	Cloud, sent to the company's vessels	The office, and the vessels and ranks you choose
OceanMust	Conventions, codes, flag and class rules; shared failure knowledge	Cloud, sent where it applies	By ship type, flag and class society

Built for ships without internet

Situation	What works
Ship PC or company tablet, no internet	Everything: library, Assistant, notes, crew list. Changes wait on board and go ashore when online.
Private phone, no signal	Notes and saved documents open and search. New notes and failure reports wait and send later. Offline phone app: coming soon.
Ship comes online	Small changes first, large files when bandwidth allows, within a daily limit you set. Each file travels once.
Office ashore	Always online in the browser.

Crew change without paperwork

Joining

The vessel account adds the person to the crew list. They receive a one-time code, set their own password and see what their position may see.

Leaving

Sign-off ends vessel and company access at once. Saved copies on phones are removed at the next connection. Private notes stay with the person.

Master handover

The ship has its own login on the official vessel email. It passes with the ship, or the office issues a new code that logs out every old device.

No crew member is ever added by OceanMust: the master knows who is on board, the office appoints the master.

Security measures

AI on board

Questions and documents are answered on the ship's own server, not sent to any AI company.

Access checked by the database

Every document and every search is filtered by layer, vessel, rank and role.

Own passwords

Set with a one-time invitation code; only a scrambled form is stored. Sessions can be ended.

Confidential stays confidential

Confidential documents are fingerprinted. A copy cannot be shared wider, even converted.

Outbound only

Encrypted connections; the ship's server opens no ports on board.

Audit and backups

Sign-ons, role changes, sharing and removals are logged. Daily automatic backups.

Your data, your rules

Data protection

MeltedLab Ltd processes company data under UK GDPR, with a data processing agreement for each company. Only the data needed is collected.

Who decides

The company decides which vessels and ranks see each document, and can mark circulars, vetting and investigation reports confidential.

Shared knowledge

Failure and observation entries are shared without ship, company, date or names. Anyone can report a document; OceanMust can remove it.

Onboarding, step by step

1

Agreement

Pilot terms and data processing agreement.

2

Company check

OceanMust verifies the company and appoints your company admin (DPA).

3

Office and fleet

Your admin adds superintendents and vessels with official vessel emails.

4

Ship's server

Prepared ashore with your documents and the library for each ship type, then installed on board.

5

Crew

The vessel account fills the crew list; everyone sets their own password.

6

Review

Pilot review with your superintendents and masters.

What we need from you

From	What
Management	Pilot agreement, data processing agreement, one company admin (usually the DPA)
IT	Approval for one small server on the office LAN, outbound encrypted traffic only
Office	Vessel list with IMO, flag, class and official vessel emails; your SMS, circulars and forms
Ships	Masters to keep the crew list; feedback during the pilot

Start with a pilot on 1 to 3 vessels.

One month on board. Ship server hardware \$3,400 per vessel, then \$299 per vessel per month.

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OceanMust is a product of MeltedLab Ltd, Belfast, United Kingdom.