

Preserve professional watchkeeping on increasingly automated bridges

On-board vigilance and watchkeeping support for evaluation, pilot scoping, procurement, and deployment discussions.

On-board processing

Human-in-the-loop

Privacy-first

72h

continuous run

98.7%

uptime

2.4 s

P95 latency

0.08 / h

false critical

What it is

What is Aware Mate?

An on-board, human-in-the-loop vigilance and watchkeeping support system designed to help the OOW stay alert, engaged, and operationally effective before risk escalates.

Does it replace BNWAS or automate navigation?

No. It complements existing safeguards with earlier on-board vigilance support. It is advisory only and does not automate navigation or replace bridge judgement.

Will it add alarm fatigue?

It is designed for quiet, lower-stimulus watch periods where vigilance can drift, not for piling on alarms when the bridge is already saturated. The goal is earlier, proportionate intervention.

How are nuisance alerts managed?

Commissioning includes bridge survey, camera placement, threshold tuning, and crew familiarisation. Pilot structure can include 1-7 days of silent calibration: T0/T1 without audible nudges; only higher-severity states stay active for safety.

How it fits in practice

What data leaves the vessel by default?

Processing stays on board by default. Standard off-vessel outputs are derived safety signals, anonymised event metadata, and aggregated review outputs - not continuous raw video.

Can it work offline and be overridden?

Yes. The core function is designed for on-board use without internet dependency. The bridge team can mute, pause, disable, or override alerts under operator procedures.

What does a pilot typically involve?

Typical pilot structure: retrofit installation and commissioning, short crew briefing, 1-7 days of silent calibration, active operation, and close-out review with practical success criteria.

Who controls governance?

Typically the owner/operator acts as controller and is responsible for lawful basis, crew notice, and onboard SOP. Elnav.AI supports this with data-handling, DPA, and deployment documentation.

No identity recognition • No emotion recognition • No ship-to-shore raw video by default