

ON-BOARD VIGILANCE AND WATCHKEEPING SUPPORT

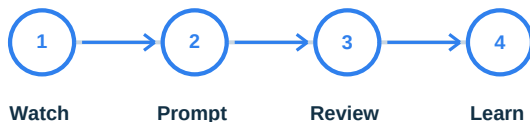
Active Watchkeeping Support Pilot

Instrument the watch, not the officer.

Modern ships measure machinery, alarms, fuel, route performance and cyber events. The navigational watch is still mostly assumed until something goes wrong. Aware Mate provides privacy-bounded signals on whether active watchkeeping is being maintained in practice.

Watchkeeping process

Process view - no identity layer



Signals support the watch. Human review stays in context.

Active watchkeeping review

Coverage
93%

Exposure
trend

Recovery
local

Signals



Context review



Human review required

Earlier local support

Local graded prompts when sustained patterns suggest reduced alertness, attention drift, abnormal inactivity or weak engagement.

Watchkeeping insight

Aggregate signals on coverage, exposure, local recovery, occupancy context where enabled, and comparative review trends.

Trust boundaries

On-board processing by default. No identity recognition. No emotion recognition. No raw video ship-to-shore by default.

Controlled pilot path



Operational evidence

72h RO-PAX bridge trial |
December 2025

*Pilot-readiness evidence, not
casualty-reduction or outcome proof.*

98.7%

uptime

2.4 s

P95 eyes-closed
alert latency

0.08/h

false critical

93%

coverage

4.6/5

Crew acceptance
(n=5)

Latency measured from sustained eye-closure onset to first alert. Uptime excludes planned alongside downtime.

Discuss a candidate vessel for an Active Watchkeeping Support Pilot

Pilot and commercial enquiries: hrm@elnav.ai | +385 91 443 3348 | elnav.ai/aware-mate