

INDIAN NAVY: DEBRIEFING SITREP

REPORT ID: UATA-2026-02-06-14-36-27 | DATE: 2026-02-06 14:36:27

1. COMMAND & SECTOR METADATA

OPERATIONAL BASE: INS Kadamba (Karwar)
SECTOR ASSIGNMENT: Indian Ocean Region
MISSION ID: UATA-2026-02-06-14-36-27
ANALYTICAL BACKEND: deepseek-r1:7b

2. TACTICAL ASSESSMENT

MISSION STATUS SUMMARY: Strategic surveillance in the Indian Ocean Region sector is established and stable. Operational headquarters successfully relocated to INS Kadamba (Karwar). During the current surveillance window, tactical assets were tasked with identifying FILE: p52.jpg, /metrics.

OPERATIONAL ANALYSIS: Multi-sensor fusion modules performed correlation. Tactical logs indicate successful domain awareness.

RECOMMENDATION: Maintain INS Kadamba (Karwar) patrol readiness. Next sensor sweep scheduled at T+60 minutes.

3. CHRONOLOGICAL TACTICAL LOG

[14:36] [Routine Surveillance] Target: FILE: p52.jpg | Tactical Intelligence: [TGT] TARGET CATEGORY: SEABED SURFACE
[FILE] DATASET SOURCE: seabed surface
[STAT] CONFIDENCE: 87.19%
[AI] XAI STATUS: Heatmap Attention Map Generated
[IMG] TACTICAL OVERLAY: outputs/images/annotatedp52.jpg

[IDEA] DETAILED ADVISEMENT:
[DEF] TACTICAL INTELLIGENCE: DIRECT MANUAL EXTRACTION
The primary AI engine reached its reasoning limit. The following specific directives were extracted:

Feature Extraction: Mel-Frequency Cepstral Coefficients (MFCCs) or Mel-Spectrograms to visualize the acoustic signature. Signature Recognition: Convolutional Neural Networks (CNNs) are typically used to identify "blade rate" (propell...

[14:36] [Routine Surveillance] Target: /metrics | Tactical

Intelligence: UATA SYSTEM PERFORMANCE AUDIT

1. TACTICAL DETECTION (YOLO-SONAR)

- mAP Accuracy: 81.96%
- Precision (Tiny/Large): 74.2% / 89.1%
- Inference Latency: <25ms

2. VISUAL RECONNAISSANCE (CLIP-ViT)

- Top-1 Accuracy: 72.4%
- Top-3 Accuracy: 91.8%

- Cosine Similarity Threshold: 0.72

3. ACOUSTIC INTELLIGENCE (DeepShip)

- Benchmark Accuracy: 94.2%
- SNR Resilience: >80% at -5dB

4. KNOWLEDGE RAG ENGINE (DeepSeek-R1)

- Grounding Score: 98%
- Retrieval Precision: 88.5% NDGC@5
- Hallucination Rate: <1%

--- NO FURTHER ENTRIES | RESTRICTED NAVAL INTELLIGENCE ---