

INDIAN NAVY: TACTICAL SITUATION REPORT (SITREP)

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1. MISSION METADATA

Mission ID: UATA-DEBRIEF-20260205-124525-211835

Operational Sector: A&N Islands - 6-Degree Channel (Port Blair/INS Baaz)

Commanding Asset/Base: INS Baaz (Campbell Bay)

Primary AI Backend: deepseek-r1:7b (Active Duty)

2. OPERATIONAL TACTICAL NARRATIVE

MISSION STATUS SUMMARY: Strategic surveillance in the A&N Islands - 6-Degree Channel (Port Blair/INS Baaz) sector is established and stable. Operational headquarters successfully relocated to INS Baaz (Campbell Bay). During the current surveillance window, tactical assets were tasked with identifying FILE: 78.jpg.

OPERATIONAL ANALYSIS: Multi-sensor fusion modules (YOLO-SONAR and CLIP-ViT) performed correlation across multiple vector indices. Tactical logs indicate successful domain awareness capture. No sovereign incursions detected within the primary 12nm territorial boundary.

RECOMMENDATION: Maintain INS Baaz (Campbell Bay) patrol readiness. Next sensor sweep scheduled at T+60 minutes. Intelligence assets should cross-reference findings with the IOR Domain Awareness center.

3. SYSTEM PERFORMANCE & HYBRID SENSOR AUDIT

- YOLO-SONAR (mAP): 81.96%
- CLIP-ViT Recon Accuracy: 72.4%
- DeepShip Acoustic Reliability: 94.2%
- IOR Grounding Verification Score: 98%

4. CHRONOLOGICAL TACTICAL LOG (FULL)

? [12:45] [Routine Surveillance] Target: FILE: 78.jpg | Tactical Intelligence: [TGT] TARGET CATEGORY: SEABED SURFACE

? DATASET SOURCE: seabed surface

[STAT] CONFIDENCE: 100.00%

? XAI STATUS: Heatmap Attention Map Generated

[IMG] TACTICAL OVERLAY: outputs/images/annotated78.jpg

[INFO] DETAILED ADVISEMENT:

[ALERT] LEVEL-2 TACTICAL FALBACK INITIATED: AI TIMEOUT

The AI engine is currently under high load. Extracted manual intelligence follows:

? The MDFLS dataset provides high-fidelity baseline data for identifying man-made objects in tactical sonar feeds.

? - Watertank: Baseline detection signatures in controlled acoustic environments.

? - Turntable: 360-degree yaw rotation profiles. Used ...