

INDIAN NAVY: TACTICAL SITUATION REPORT (SITREP)

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1. MISSION METADATA

Mission ID: UATA-DEBRIEF-20260205-1104
Operational Sector: Gujarat Coast - Sir Creek Entry (Porbandar)
Commanding Asset/Base: INS Kadamba (Karwar)
Primary AI Backend: deepseek-r1:7b (Active Duty)

2. OPERATIONAL TACTICAL NARRATIVE

MISSION COMPLETION SUMMARY: Strategic patrol in Gujarat Coast - Sir Creek Entry (Porbandar) concluded. Operational command successfully established at INS Kadamba (Karwar). During the mission window, 1 tactical log entries were recorded, including 0 distinct contact detections and 0 elevated priority incidents.

TACTICAL ASSESSMENT: The IOR Maritime Domain Awareness (MDA) assets remained fully functional. Multi-sensor fusion algorithms successfully correlated cross-domain signatures. Territorial integrity of Indian sovereign waters remains uncompromised.

COMMANDER'S DIRECTIVE: Recommend continued surveillance and deployment of Tier-1 assets for deep-water monitoring.

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)

- [11:04] [Routine Surveillance] Input: FILE: s323.jpg... | Analysis: [TGT] TARGET CATEGORY: PIPELINE OR CABLE
? DATASET SOURCE: pipeline or cable
[STAT] CONFIDENCE: 94.15%
? XAI STATUS: Heatmap Attention Map Generated
[IMG] TACTICAL OVERLAY: outputs/images/annotateds323.jpg

[INFO] DETAILED ADVISEMENT:

GROUNDING SCORE: 0.0% | CONFIDENCE: UNVERIFIABLE
Analysis of Threat "Pipeline or Cable" Identified in Sonar Data:

1. Material Com...

--- END OF COMPLETE MISSION REPORT | UATA DIGITAL SIGNATURE ---