Ogre Armageddon – Mission Manual

Stardate 2025.234 – Final Baseline Manual

This manual defines the roles, missions, and operations of each subsystem in Ogre Armageddon.

# Glossary of Roles & Modules

\*\*HQ (Ogre HQ / Jarvis Core)\*\* – The main computer/mothership. Hosts AI, dashboards, storage, and orchestration.

\*\*Agent (USB Node / Ogre-Bridge Pi)\*\* – Field-deployed probe. Runs scans locally and phones home via VPN.

\*\*Jarvis (AI Assistant)\*\* – Personality-driven AI interpreter. Enforces safeties, adapts persona by mode.

\*\*Modes\*\* – Regular (safe), Section 31 (stealth), Borg (aggressive), Scorched Earth (max automation).

\*\*Storage\*\* – Root / (80GB), /ai (128GB), /srv (1TB logs/backups), /ha (1TB video).

# Program & Module Descriptions

\*\*ONVIF Scanner\*\* – Discovers cameras on network via WS-Discovery; reconnaissance tool.

\*\*RTSP Probe\*\* – Grabs thumbnails/metadata from video streams using ffmpeg.

\*\*Brute-Force Engine\*\* – Tests camera credentials with wordlists; audit tool.

\*\*Evil Twin Wi-Fi Module\*\* – Fake AP to capture handshakes; lab-only testing.

\*\*Hardware Hacking Module\*\* – USB-to-TTL serial console + optional flashing.

\*\*ogre-agent\*\* – Python service on Agents; handles heartbeat and telemetry.

\*\*WireGuard (wg0)\*\* – Encrypted tunnel linking Agents to HQ.

\*\*Loki/Promtail\*\* – Log collectors/shippers for HQ & Agents.

\*\*Vault/sops\*\* – Secrets management for keys/configs.

\*\*Docker/Compose\*\* – Container stack for HQ services.

\*\*Starfleet/Borg UI\*\* – LCARS panels + Borg/Section 31 overlays.

\*\*Change Log Tracker\*\* – Tracks build changes with priorities.

# HQ Infrastructure Hardening

Purpose:

Mission:

Operations (per mode):

* ☐ 🔴 Secrets vault (Vault or sops/age) for keys/tokens
* ☐ 🔴 Central logging + SIEM hooks
* ☐ 🔴 RBAC/SSO for dashboard
* ☐ 🟡 HA/Failover with keepalived

# Agent Node Safeties

Purpose:

Mission:

Operations (per mode):

* ☐ 🔴 Offline fallback mode
* ☐ 🔴 Policy bundles per mode
* ☐ 🟡 Hardware watchdog
* ☐ 🔴 Immutable signed updates

# Operational Safeguards

Purpose:

Mission:

Operations (per mode):

* ☐ 🔴 HQ kill-switch for offensive modules
* ☐ 🔴 Audit trail of mode changes
* ☐ 🟡 Simulation/test holodeck mode

# Jarvis Intelligence

Purpose:

Mission:

Operations (per mode):

* ☐ 🔴 Mode-aware enforcement
* ☐ 🔴 Command confirmations
* ☐ 🟡 Self-learning sandbox
* ☐ 🔴 Multi-persona (Codex/Sora/GPT-5)

# Visuals & UX

Purpose:

Mission:

Operations (per mode):

* ☐ 🟡 Accessibility/plain ops mode
* ☐ 🟢 Sound FX throttle
* ☐ 🟡 LCARS timeline panel tied to Stardates

# Storage & Data Lifecycle

Purpose:

Mission:

Operations (per mode):

* ☐ 🔴 Quota enforcement on /srv and /ha
* ☐ 🔴 Retention policies for logs/videos
* ☐ 🟡 Off-site encrypted backups
* ☐ 🟡 Data classification

# DevOps & Lifecycle

Purpose:

Mission:

Operations (per mode):

* ☐ 🔴 Monorepo with CI/CD
* ☐ 🔴 Stardate versioning
* ☐ 🔴 Rollback support
* ☐ 🟡 Virtual test harness lab net

# Future Design Ideas (Hardware Upgrades)

Purpose:

Mission:

Operations (per mode):

* ☐ 🔴 GPU acceleration at HQ
* ☐ 🟡 FPGA/NIC offload for stealth scans
* ☐ 🔴 Dedicated ingest cluster for /ha
* ☐ 🟡 Edge AI on Pi 5
* ☐ 🟢 Quantum-resistant VPN
* ☐ 🟡 Full holodeck simulation lab
* ☐ 🟢 Energy-aware ops
* ☐ 🟡 Immersive LCARS/Borg ops room

# DIY & Hardware Repurposing

Purpose:

Mission:

Operations (per mode):

* ☐ 🟡 Pelican-case Agent kits
* ☐ 🟢 LCARS touchscreen console
* ☐ 🟡 Pi cluster as mini collective
* ☐ 🟢 Retro terminals for Section 31 ops
* ☐ 🟡 Wall displays for ops center
* ☐ 🟢 Old SSDs for backups/log tests
* ☐ 🟡 Spare routers/switches for lab net
* ☐ 🟡 Legacy PCs for HA or AI training
* ☐ 🟢 Obsolete cameras for ONVIF testing