

Executive Summary & System Overview

Project Name: Project Aether – 2026 Operational Framework

Document ID: AETHER-REF-9920

Department: Strategic Infrastructure

Summary: This document outlines the critical operational parameters for the Aether Monitoring Station. The station is responsible for tracking global atmospheric carbon levels using the high-precision **Carbon-X sensor**.

Core Specifications: The Carbon-X sensor is the heart of our operations. It must be calibrated every 12 hours. The current firmware version is **v9.4.2**, which fixed a bug that caused minor data drifts in high-humidity environments.

Technical Specifications & Safety

Hardware Constraints: The cooling system for the main server rack is managed by an AI controller. The **Critical Cooling Threshold** is precisely **21.5°C**. If the temperature sensor detects a fluctuation of more than 2 degrees for longer than 300 seconds, the "Secondary Liquid Cooling" will activate automatically.

Safety Protocols: In the event of a structural integrity alarm (Level 3 or higher), all non-essential personnel must move to **Evacuation Hub Beta**. This hub is located in the underground bunker beneath the North Wing. Level 4 alarms require full site evacuation within 8 minutes.

Human Resources & Stipends

Remote Work and Benefits: As of January 2026, all Strategic Infrastructure employees are eligible for the "**Digital Nomad Stipend**." This includes a one-time payment of **\$1,200** for high-end ergonomic chairs and a monthly internet reimbursement of **\$85**.

Learning and Development: The company provides a "Career Growth Budget" for all interns and full-time staff. Employees can claim up to **\$2,500 per year** for approved AI and Data Science certifications. All claims must be submitted via the internal portal by the 25th of each month.

Financial Policies & Travel

Reimbursement Tiers: Travel expenses are categorized into three tiers.

1. **Tier A (International):** Reimbursable up to \$5,000 per trip.
2. **Tier B (Domestic):** Reimbursable up to \$1,200 per trip.

3. **Daily Allowance:** The flat rate for food and incidental expenses (M&IE) is **\$72.00 per day** for all domestic travel.

Equipment Procurement: Laptops are replaced every 3 years. The standard issue for engineers is the **Pro-Flow X1**, which features 64GB of RAM. Any request for specialized GPUs requires a signed "Workload Justification" form from the department head.

Emergency Contact List & Site Map

Emergency Contacts:

- **Chief Safety Officer:** Dr. Aris Thorne (Ext. 404)
- **IT Crisis Desk:** Ext. 911-A
- **Medical Bay:** Sector 2, Ground Floor (Available 24/7)

Key Locations:

- **Server Room:** Restricted Access, Floor -1
- **Cafeteria:** Open 7 AM to 10 PM
- **Emergency Oxygen Kits:** Located in **Red Wall Boxes** next to every elevator exit.