Version: 1.0.0 **Target:** 4.19.0

Implementation Plan - Workflow Amendment (Header Standard)

This plan amends `AIAgentWorkflow.md` to explicitly include the **Standard Project Header** template directly within the protocol text. This eliminates the need for the AI to "consult" external documentation to find the required format, preventing future compliance failures.

Proposed Changes

1. Modified File: `AIAgentWorkflow.md`

Purpose: Hard-code the mandatory Python file header template into the primary operating manual.

- **Update Protocol 3.2.7:** Replace the instruction to "consult `Docs/ProgrammersGuide.md`" with the literal header template itself.
- **Constraint:** This ensures the header format is always in the AI's immediate context window.

Affected Modules Checklist

- `AIAgentWorkflow.md`

Pre-Flight Check

- **Inputs:** The verified standard header template from `Docs/ProgrammersGuide.md`.
- **Expected Outcome:** `AIAgentWorkflow.md` will contain the verbatim text block required for all Python files.
- **Backward Compatibility:** No code changes; purely a process documentation update.
- **Surgical Modification:** Only Protocol 3.2.7 is being altered.

--- BEGIN DIFF --- @@ -420,7 +420,24 @@ 6. **Post-Delivery Protocol Verification.** Immediately following any file delivery, the AI must explicitly state which sub-protocol from Section 3.2 it followed and confirm that its last output was fully compliant.

- 7. **Python Header Standard Mandate.** All Python files (`.py`) generated or modified by the AI must conform to the standard header definition found in `Docs/ProgrammersGuide.md`. Before generating a Python file, the AI must consult this guide to ensure compliance.

- 7. **Python Header Standard Mandate.** All Python files (`.py`) generated or modified by the AI must begin with the following standard

header block. The AI must populate the `{placeholders}` with the correct module-specific data.

- `__CODE_BLOCK__ python`
- `# {filename}.py`
- `#`
- `# Purpose: {A concise, one-sentence description of the module's primary responsibili`
- `#`
- `# Author: Gemini AI`
- `# Date: {YYYY-MM-DD}`
- `# Version: {x.y.z-Beta}`
- `#`
- `# Copyright (c) 2025 Mark Bailey, KD4D`
- `# Contact: kd4d@kd4d.org`
- `#`
- `# License: Mozilla Public License, v. 2.0`
- `#          (https://www.mozilla.org/MPL/2.0/)`
- `#`
- `# This Source Code Form is subject to the terms of the Mozilla Public`
- `# License, v. 2.0. If a copy of the MPL was not distributed with this`
- `# file, You can obtain one at http://mozilla.org/MPL/2.0/.`
- `#`
- `# --- Revision History ---`
- `# [{version}] - {YYYY-MM-DD}`
- `# - {Description of changes}`
- `__CODE_BLOCK__`

3.3. **Context Audit (Mandatory)**: Builder cross-references the Plan's requirements against `builder_bundle.txt`. * **Pass:** Proceed to Pre-Flight. --- END DIFF ---