AGRM + MDHG Logic Layout Overview

1. CLI Entrypoint

- `agrm_cli_launcher.py` `main()`

- `agrm_cli_allrun.py` `run_agrm()`, `run_all_tests()`

2. TSP Data Load

- `tsp_node_loader.py` `auto_load_tsp()`

3. Runtime Orchestrator

- `agrm_runtime_controller.py` `run_cycle()`

- Uses:

  - `AGRMFeedbackBus`

  - `AGRMComplexityWeightedModulator`

  - `AGRMRecursiveZoneCollapse`

4. Core Engine

- `agrm_core_loop.py` `evaluate_path()`, `run()`

- `agrm_core.py` `detect_shell_failure()`, `should_trigger_reset()`

5. Sweep & Builder

- `sweep_scanner.py`, `navigator_and_builder.py` spiral sweep

- `agrm_dynamic_midpoint.py` midpoint detection

- `agrm_zone_collapse.py` zone simplification

6. Validator

- `salesman_and_evaluator.py` `scan_path()`, `get_total_distance()`

- Uses `AGRMEvaluator`

7. Result Output

- `agrm_results_export.py` `export_results_to_csv/json`, `plot_comparison_graph()`

State Layers

- `agrm_complexity_modulator.py` `compute_weights()`

- `agrm_feedback_bus.py` `log_failure()`, `get_memory_map()`

- `agrm_quadrant_legality.py`, `agrm_distance_cap.py`, `agrm_zone_density.py`