

CLA Reports Style Guide

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--- Revision History ---

[0.52.14-Beta] - 2025-08-26

Changed

- **Revised and standardized the report title format to a new, mandatory two-line structure for all report types.**

[0.51.0-Beta] - 2025-08-26

Added

- **Initial release of the official CLA Reports Style Guide.**
- **Added standards for report titles, text reports (tabulate), and HTML reports (Tailwind CSS, borders, centering).**

1. Introduction

This document is the single source of truth for the visual and formatting standards of all report outputs generated by the Contest Log Analyzer. Its purpose is to ensure that all reports, regardless of type, have a consistent, clean, and professional appearance. All new reports must adhere to these guidelines.

2. Report Titles

All generated reports, regardless of their output format (text, plot, chart, animation, or HTML), must use the standard **two-line** title format. This creates a consistent and professional header for all user-facing documents.

- **Line 1:** The report's official `report_name` as defined in its Python class.
- **Line 2:** A consolidated string containing the context and callsigns, formatted as `YYYY ContestName EventID - Callsign(s)`. The `EventID` is only included if defined for the contest.

Examples:

- **Single Log (No EventID):**

Score Summary 2025 CQ World Wide DX CW - K1ABC
- **Comparative (With EventID):**

Comparative Rate Sheet 2025 NAQP CW AUG - K1ABC vs W1XYZ

3. Text Reports (`.txt`)

This section defines the standards for all plain-text reports.

3.1. Table Formatting

All new text-based tables must be generated using the `tabulate` Python library. This ensures that all tables have clean, perfectly aligned, fixed-width columns.

- **Required Format:** The standard format to be used is `tablefmt='psql'`.

4. HTML Reports (`.html`)

This section defines the standards for all web-based reports. The goal is to create modern, responsive, and visually appealing documents.

4.1. Styling Framework

All styling for HTML reports must be implemented using **Tailwind CSS**. No custom CSS in `<style>` blocks should be used unless absolutely necessary for a feature that Tailwind cannot support.

4.2. Table Styling

HTML tables should be styled to be clean, readable, and visually hierarchical.

- **Centering:** All tables must be centered horizontally on the page.
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Border Hierarchy: A two-level border system must be used to structure the data visually:

- o **Dark Lines** (`border-gray-500`): Used for the main outline of the table and for major vertical divisions between logical data groups.
- o **Medium Lines** (`border-gray-400`): Used for all internal grid lines, both horizontal and vertical.