





# Richta GPS Checkpoints Update: Avoiding Calls for Support

March 28, 2024  
Draft 5



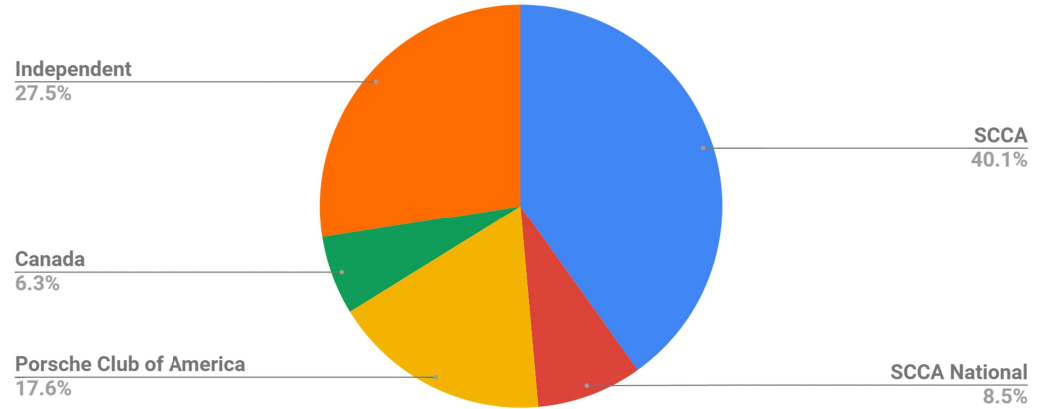
# Agenda

- Final charts will be posted on richtarally.com
- 2023 Usage Statistics and News
- Recent app enhancements
- Avoiding calls for help
- Time Allowances
- Edit Timeslips, including Demonstration

# 2023 App Use

- 140 Events in 2023  
(Up from 118 in 2022)
- Increased interest from
  - British Classic Car Clubs
  - Western Canada (WCRA)
  - Australia, Netherlands
  - Rallye Glenwood Springs in 2024
  - Mexico

Richta 2023 Use - Number of Events



# News

- Documentation Update
  - Jay Johannes' Guides for Rallymaster and Competitor
  - <https://richtarally.com/apps/docs.html>
- Rallymaster (Android) 1.39 Updated
  - Fixes Alaska Time Zone Bug
  - Behind-the-Scenes article published in Road Rally eNews

# App Enhancements 2022 and 2023

- Rallymaster
  - Directionally Sensitive Checkpoints (DSCP)
  - Export locations (into Google Maps)
  - Cars screen shows readiness for GPS, data
  - Minor bug corrections
- Scoreboard
  - Honors "Show in Scoreboard" setting
- Competitor
  - Minor bug corrections
  - Fix annoying sound on TA button press
  - Add voice option to announce scores
  - Enhanced logging
  - Remove Unregister from main screen
- Facebook Group
  - Richta GPS Checkpoints (private group)
  - Posting "Hot Topics"

# Avoiding Calls for Help

1. Majority of calls did not follow recommended “Best Practices”
  - Best practices are a set of recommendations that, when followed, are known to produce good results.
  - Current set: <https://richtarally.com/assets/documentation/Best%20Practices%20and%20Handling%20Unusual%20Situations.pdf>
2. #5 Understand or resolve all warnings and error messages
3. #6 Run precheck with Competitor active to ensure intended CP detection (and non-detection).
4. #9 Match CP count in Event Settings with actual number of CPs. A mismatch will prevent cars from showing as “Ready” in Rallymaster Cars screen.

# Avoiding Calls for Help

5. #13 Set a goal to score rapidly
  - Dedicated scoring team able to drop leg, rescore leg due to calc error, adjust scores
6. Event not showing in Competitor - Event Setting “Event is Open”
7. Event not showing in Scoreboard - Event Setting “Show in Scoreboard” (or Share Timeslips)
8. Map not showing in Scoreboard - Event Setting “Hide Map”
9. Unnecessary use of CP open and close times
  - Optional, use only if route doubles back or reuses same road
  - Directionally Sensitive CP provides another, preferred option
10. Interference from other apps
  - Still occasionally causes CP detection to be missed. This interference can come from any app that does work in the background (when not visible on the screen). Recommendation: Android: Press Recent Apps button (square?), Close All. Apple: Double tap button, flick all apps off screen to close them.

# Time Allowance Kerfuffle

- Current increments match historical practices. :10, :20, :30, 1:30, 2:30, ... up to max in Event Settings
- :10 and :20 added at Detroit Region request to handle balking by local traffic
- Does not meet requirements for some snow rallies where maintaining the CAST can be a challenge
- Recommendation: adopt approach used by Buffum's Winter Challenge
  - Prohibit short TAs in general instructions (:10 and :20)
  - Scoring team monitors via Show Short TAs
  - :10 TA removed, timeslip rescored
  - :20 TA changed to :30, timeslip rescored
- Longer Term - Will implement option for :15, :30, :45, 1:15, 1:30, 1:45 ... TA increments and minimum TA. Check with sanctioning organization for allowable increments.



# Edit Timeslips

- Technology Preview (Android Rallymaster only)
- Original scoring approach: export spreadsheet with leg scores and local formatting and customization
- More events are relying on Scoreboard only. Generates need to adjust timeslips
- Recent change in 1.38 to allow score override
- Allows inclusion of non Richta scores, like staffed CPs, into Scoreboard

Questions?