



## ROAD MODULE 2 – ASSISTANT JUDGE: TIME TRIAL



### **Purpose**

The purpose of this module is to provide the road assistant timer with the necessary information and experience needed for timing time trial events. The module serves as part of the training necessary for Level C Road Officials for advancement to Level B Road Official.

### **Required Reading**

1. 2013 USA Cycling Rulebook
  - a. **3E.** Individual Time Trial
  - b. **3F.** Team Time Trial
  - c. **8I.** Time Penalties for Time Trials
2. USA Cycling Race Officials Manual Part 2: Officiating Road Events
  - a. Chapter 7 Individual Time Trials
  - b. Chapter 10 Team Time Trials

### **Prerequisites**

- Level C Official
- Module Pre-Test (see next section)

### **Goals**

After successful completion of this module the Level C Road Official will be able to do the following:

1. Understand the concepts and terminology for timing individual time trials, and team time trials.
2. Successfully time an individual time trial in regard to start time, penalties, finish time, and place.
3. Successfully time a team time trial in regard to start time, penalties, finish time, and place. (optional)

### **Tasks to be Completed (Objectives)**

1. Time an individual time trial or team time trial

### **Criteria for Successful Completion**

1. Successfully time an individual or team time trial

Prior to the start of a time trial, check to see what time and where the officials will start all of the stopwatches. It is the official's responsibility to be at the appointed place in plenty of time for the start of the watches. It may also be the responsibility of the Assistant Judge to get start lists for all of the officials. If the race starts and finishes at different places, get to the finish line for the finish of the first rider. The Assistant Judge will score the riders along with the time the rider crosses the finish. It is a good idea to do the math for the rider's time as a back up to the results. Many



## ROAD MODULE 2 – ASSISTANT JUDGE: TIME TRIAL



officials use a spreadsheet with the rider's bib number, the stopwatch time, the start time, and another place for doing the subtracted time. Others will use index cards to do the math and keep the riders in order by their time. The best thing to do is to try several methods and find what works best for you. Whichever method is used, preparation prior to the start of the time trial will help make the method successful.

- a. Start time: Though you will not see the riders start (except possibly the first one), make sure you are familiar with the times if they are run on the minute or every 30 seconds. In larger events the last few riders may have a bigger time gap between starts. Unless you start at midnight, there is no need to print your timing sheets with time of day start times. First rider is usually off at minute 1 (0:01:00.000), although sometimes the first rider off is at time zero.
- b. Penalties: The Starter should provide you a list of those riders that should have a penalty applied for starting early. You can either adjust their start time or, if you have a column on your timing sheets for penalties, you can note it. Assistant Referees should provide the judges with penalties on the road. Be sure to use Section 8I of the rulebook to provide the correct assessment.
- c. Finish time: Finish time minus start time plus penalties. Do not do the math in your head unless you are infallible. Use a calculator or the old fashioned pencil and paper method. These are backups in those time trials with computer results. For team time trials, make sure you know the rider for which you record a time. Depending on the size of the event it could be the second, third, or even ninth rider across the line. In the case of team time trials with more than two members, it is good to get the times of all individual competitors that cross the line.
- d. Place: Computer results make it easy to sort places, but the judges should always have their backup ready. Whether you use a spreadsheet or the card index system, make sure more than one person checks the work.



## ROAD MODULE 2 – ASSISTANT JUDGE: TIME TRIAL Pre-Test



Prior to beginning the practical portion of this module, please complete the following pre-test and check your answers in the back of the document.

Use the data below to calculate the final results of the time trial. For the start sheet, the Starter's note designation (+2) indicates that the rider left 2 seconds early.

Start Time	Rider #	Finish Order	Finish Time (from zero)	Calculated (Elapsed) Time	Place
10:00:00	----				
10:00:30	1 (+1) ✓	1	57:32.34		
10:01:00	2 ✓	2	58:00.12		
10:01:30	3 ✓	4	58:06.67		
10:02:00	4 ✓	3	58:04.99		
10:02:30	5 ✓	5	59:36.55		
10:03:00	6 (late)	9	1:02:15.25		
10:03:30	7 (DNS)				
10:04:00	8 ✓	7	1:01:13.26		
10:04:30	9 ✓	6	1:01:12.42		
10:05:00	10 ✓	8	1:02:07.78		
10:05:30	11 ✓	10	1:02:27.84		
10:06:00	12 ✓	11	1:03:05.21		
10:06:30	13 ✓	12	1:03:10.45		
10:07:00	14 ✓	13	1:03:22.65		
10:07:30	15 ✓ (+2)	14	1:03:40.45		
10:08:00	16 ✓	15	1:04:23.02		
10:08:30	17 ✓	16	1:04:53.12		
10:09:00	18 ✓	17	1:05:26.34		
10:09:30	19 ✓	19	1:15:35.88		
10:10:00	20 ✓	18	1:06:33.56		



## ROAD MODULE 2 – ASSISTANT JUDGE: TIME TRIAL Task Completion



The purpose of this document is to show proof that the Level C Road Official has successfully completed each task required for mastery of the position as required for partial fulfillment for upgrade to Level B Road Official.

TASK TO BE COMPLETED	CHIEF REFEREE	DATE
Time an Individual or Team Time Trial Time Sheets with Correct Start Time	_____	_____
Assess Penalties	_____	_____
Calculate Finish Times	_____	_____
Provide an Order of Finish	_____	_____

When complete, please return to the [National Technical Commission member from your region](#)



# ROAD MODULE 2 – ASSISTANT JUDGE TIME TRIAL

## Appendices



### Appendix A – Time Trial Grid

Sec	H:MM	Bib	Sec	H:MM	Bib	Sec	H:MM	Bib	Sec	H:MM	Bib
	Tenths			Tenths			Tenths			Tenths	
0.			0.			0.			0.		
1.			1.			1.			1.		
2.			2.			2.			2.		
3.			3.			3.			3.		
4.			4.			4.			4.		
5.			5.			5.			5.		
6.			6.			6.			6.		
7.			7.			7.			7.		
8.			8.			8.			8.		
9.			9.			9.			9.		
10.			10.			10.			10.		
11.			11.			11.			11.		
12.			12.			12.			12.		
13.			13.			13.			13.		
14.			14.			14.			14.		
15.			15.			15.			15.		
16.			16.			16.			16.		
17.			17.			17.			17.		
18.			18.			18.			18.		
19.			19.			19.			19.		
20.			20.			20.			20.		
21.			21.			21.			21.		
22.			22.			22.			22.		
23.			23.			23.			23.		
24.			24.			24.			24.		
25.			25.			25.			25.		
26.			26.			26.			26.		
27.			27.			27.			27.		
28.			28.			28.			28.		
29.			29.			29.			29.		
30.			30.			30.			30.		
31.			31.			31.			31.		
32.			32.			32.			32.		
33.			33.			33.			33.		
34.			34.			34.			34.		
35.			35.			35.			35.		
36.			36.			36.			36.		
37.			37.			37.			37.		
38.			38.			38.			38.		
39.			39.			39.			39.		
40.			40.			40.			40.		
41.			41.			41.			41.		
42.			42.			42.			42.		
43.			43.			43.			43.		
44.			44.			44.			44.		
45.			45.			45.			45.		
46.			46.			46.			46.		
47.			47.			47.			47.		
48.			48.			48.			48.		
49.			49.			49.			49.		
50.			50.			50.			50.		
51.			51.			51.			51.		
52.			52.			52.			52.		
53.			53.			53.			53.		
54.			54.			54.			54.		
55.			55.			55.			55.		
56.			56.			56.			56.		
57.			57.			57.			57.		
58.			58.			58.			58.		
59.			59.			59.			59.		



## ROAD MODULE 2 – ASSISTANT JUDGE TIME TRIAL Appendices



### Scoring a Time Trial

The timekeeping duties for a time trial are a bit different from other disciplines. Duties can be broken into several categories. Larger races will have one person assigned to each judging position.

- Record raw finish order and time of finish of each rider.
- Record and calculation of finish times, taking into consideration any time adjustments from the Chief Referee.
- Place rider numbers into grids with the decimal times (see Appendix A). This will give you a quick reference for the final order of places that should be ready almost as soon as the event is done. “Minutes” should be completed at the top of the grid. If a Results company is used, their calculated finish time can be used. Otherwise, manually calculated results done by another person will be used.



## ROAD MODULE 2 – ASSISTANT JUDGE: TIME TRIAL Pre-Test Answers



Start Time	Rider #	Finish Order	Finish Time (from zero)	Calculated Time	Place
10:00:00	----				
10:00:30	1 (+1) ✓	1	57:32.34	57:03.34	13
10:01:00	2 ✓	2	58:00.12	57:00.12	12
10:01:30	3 ✓	4	58:06.67	56:36.67	8
10:02:00	4 ✓	3	58:04.99	56:04.99	1
10:02:30	5 ✓	5	59:36.55	57:06.55	15
10:03:00	6 (late)	9	1:02:15.25	59:15.25	18
10:03:30	7 (DNS)				DNS
10:04:00	8 ✓	7	1:01:13.26	57:12.26	17
10:04:30	9 ✓	6	1:01:12.42	56:42.42	10
10:05:00	10 ✓	8	1:02:07.78	57:07.78	16
10:05:30	11 ✓	10	1:02:27.84	56:57.84	11
10:06:00	12 ✓	11	1:03:05.21	57:05.21	14
10:06:30	13 ✓	12	1:03:10.45	56:40.45	9
10:07:00	14 ✓	13	1:03:22.65	56:22.65	3
10:07:30	15 ✓ (+2)	14	1:03:40.45	56:12.45	2
10:08:00	16 ✓	15	1:04:23.02	56:23.02	4
10:08:30	17 ✓	16	1:04:53.12	56:23.12	5
10:09:00	18 ✓	17	1:05:26.34	56:26.34	6
10:09:30	19 ✓	19	1:15:35.88	1:06:05.88	19
10:10:00	20 ✓	18	1:06:33.56	56:33.56	7