

Enduro Basics

Intro

The sport is based on riders attempting to maintain an exact schedule, regardless of the difficult terrain and conditions they may encounter. Checkpoints, where crews will mark the time of each rider's arrival, are located along the course. After the race, the score of each rider is calculated. The riders with the lowest number of penalty points are awarded trophies in their respective classes.

Definitions

Key Time - The scheduled starting time and scheduled time of arrival at each check for a rider on row 00.

Ground Mileage - The actual Mileage traveled by a rider, which is the course Mileage minus any Resets.

Free Zone - *Timed* checkpoints, including Known Controls, cannot be located closer than 3.0 course miles apart. Therefore 3.0 course miles before, or 3.0 course miles after a *timed* checkpoint can be considered Free Zones. Similar Free Zones may apply to Gas Stops, usually with *timed* checks no closer than 2.0 course miles before, or 3.0 course miles after the Gas Stop.

Reset - A point along the course where the posted course Mileage is advanced to some greater number. This gives a rider on schedule a rest period.

Free Time (Layover) - A point along the course where the Mileage remains fixed while the time is allowed to run. A rider on schedule would wait until the Free Time has run out, then he would proceed down the course. It has an effect very similar to a Reset.

Checkpoints

Checkpoints are located along the course where crews will mark the minute, and seconds if an Emergency check, that a rider enters the check. The Key Time and the course Mileage for that check should be posted near the flags. The Mileage accuracy for the check location must be within .02 of a mile, while the clocks used at the check must be within 5 seconds of the master Key clock. The colors of the flags used to mark each check are shown in parenthesis.

Secret - (Red & White) An unknown, timed checkpoint.

Emergency - (Green & White) Same as a Secret check, except mins. *and* seconds are recorded.

Known control - (Yellow) A timed checkpoint whose location is known to all participants.

Observation - (White) An unknown, untimed checkpoint where no time penalty is recorded.

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Scoring

After the race, penalty points are computed based on the rider's variance from a perfect schedule.

All checks EARLY: More than 15 minutes - disqualified from that point.

LATE: More than 60 minutes and 59 seconds - disqualified from that point.

Secret EARLY: 2 points for the first minute, plus 5 points for each additional minute LATE: 1 point for each minute.

Emergency The major points are computed like a Secret check, with Tie-breakers points placed after the major points. Tie-breaker points are the total number of seconds from the 30 second point of the rider's due minute.

Known EARLY: Zero points for early up to 15 minutes, 2 points for each minute for an early departure.

LATE: 1 point for each minute.

Possible Chart

To ease course layout and scoring, timed checks can only be located where a whole tenth of a mile falls on a whole minute. Below is the time and distance between possibles at each speed from 1 to 99 MPH.

MPH	MILES	MINUTES	MPH	MILES	MINUTES	MPH	MILES	MINUTES
1	.1	6	34	1.7	3	67	6.7	6
2	.1	3	35	3.5	6	68	3.4	3
3	.1	2	36	.6	1	69	2.3	2
4	.2	3	37	3.7	6	70	3.5	3
5	.5	6	38	1.9	3	71	7.1	6
6	.1	1	39	1.3	2	72	1.2	1
7	.7	6	40	2.0	3	73	7.3	6
8	.4	3	41	4.1	6	74	3.7	3
9	.3	2	42	.7	1	75	2.5	2
10	.5	3	43	4.3	6	76	3.8	3
11	1.1	6	44	2.2	3	77	7.7	6
12	.2	1	45	1.5	2	78	1.3	1
13	1.3	6	46	2.3	3	79	7.9	6
14	.7	3	47	4.7	6	80	4.0	3
15	.5	2	48	.8	1	81	2.7	2
16	.8	3	49	4.9	6	82	4.1	3
17	1.7	6	50	2.5	3	83	8.3	6
18	.3	1	51	1.7	2	84	1.4	1
19	1.9	6	52	2.6	3	85	8.5	6
20	1.0	3	53	5.3	6	86	4.3	3
21	.7	2	54	.9	1	87	2.9	2
22	1.1	3	55	5.5	6	88	4.4	3
23	2.3	6	56	2.8	3	89	8.9	6
24	.4	1	57	1.9	2	90	1.5	1
25	2.5	6	58	2.9	3	91	9.1	6
26	1.3	3	59	5.9	6	92	4.6	3
27	.9	2	60	1.0	1	93	3.1	2
28	1.4	3	61	6.1	6	94	4.7	3
29	2.9	6	62	3.1	3	95	9.5	6
30	.5	1	63	2.1	2	96	1.6	1
31	3.1	6	64	3.2	3	97	9.7	6
32	1.6	3	65	6.5	6	98	4.9	3
33	1.1	2	66	1.1	1	99	3.3	2

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