

# Relay Judging Platforms (RJP)

RJP Differential Time	Protocol	Procedure
More than -0.09 negative	One or both human judges must mark a takeoff violation on their ballots, indicating possible electronic malfunction. Team is disqualified.	Designated official watching RJP communicates to investigate specific lane(s) with differential. If one or both judges indicate an early take-off, then the CJ will communicate a confirmed ETO. CJ will collect Take-Off slip(s) and write up DQ slip with take-off judge(s) signing DQ slip.
-0.09 to -0.01	The determination of the automatic relay judging equipment shall be official indicating an early relay take-off disqualification.	Designated official watching RJP communicates which Event, Heat, Lane and swimmer(s) had the ETO. CJ assigned to Lane 1 Start End, will write up the DQ slip and give to the Deck Referee.
.00 to +0.09	Indicates a legal exchange and team cannot be disqualified regardless of human judging.	Designated official watching RJP communicates all lanes are clear.
More than +0.09 positive	Both human judges must mark a takeoff violation on their ballots, indicating possible electronic malfunction. Team is disqualified.	CJs will look at the outside take-off judge's relay take off slip at end of exchanges. If any swimmers are indicated as an ETO, the CJ will call in, "Investigating Lane X, Swimming #X" If Designated official watching RJP sees swimmer is within the .00 to +.09 differential, they communicate, "All Clear" If the differential is outside of that range, then the CJ will look for a dual confirmation ETO. If one is found, the CJ will communicate to the Deck Ref that a dual confirmed ETO has been found. CJ will write DQ slip, have turn judges sign the slip and turn into the Deck Ref.
NO RESULTS	Both human judges must mark a takeoff violation on their ballots, indicating an ETO. Team is disqualified.	Designated official watching RJP communicates to investigate specific lane(s) with NO RESULTS. If both judges indicate an early take-off, then the CJ will communicate a confirmed ETO. CJ will collect Take-Off slips and write up DQ slip with take-off judges signing DQ slip.

\*NOTE: Colorado Time Systems Relay Judging Platform (RJP) printout uses exchange #

Exchange #1 = Swimmer #2

Exchange #2 = Swimmer #3

Exchange #3 = Swimmer #4

**Recommend for best implementation:**

- a) At least four judges are positioned to observe relay takeoffs (8 for LCM 200-meter relays);
- b) At least two CJs are positioned to work with the judges (4 CJs for LCM 200-meter relays) and;
- c) Radios are used for communication between the CJs and the designated RJP official.