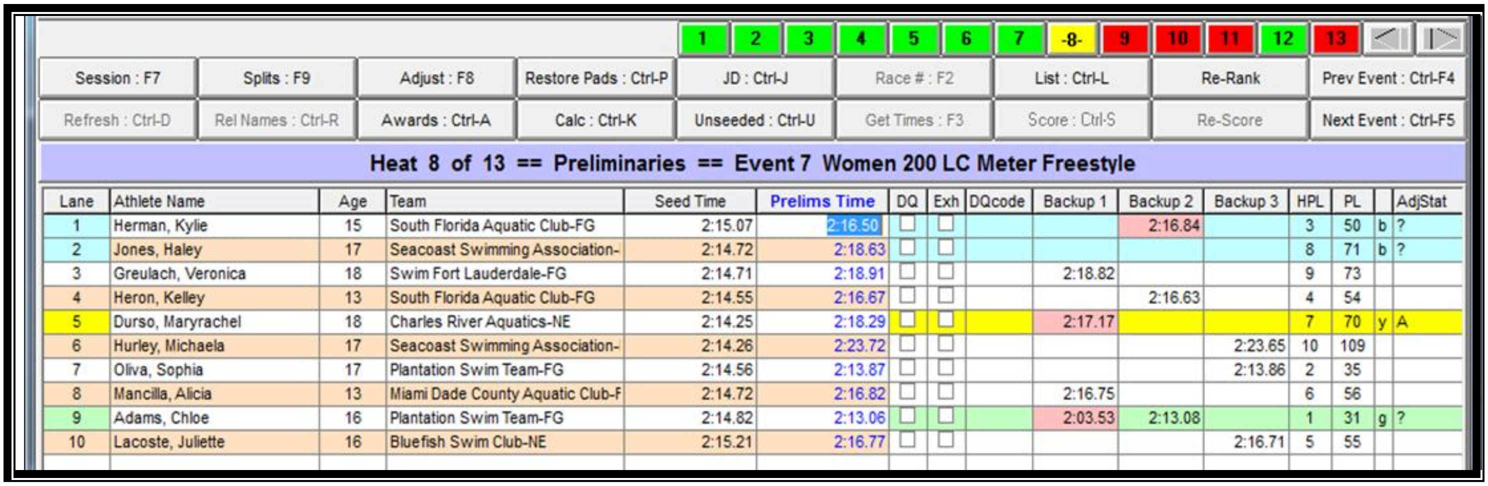
RECONCILING TIMES IN MEET MANAGER 5.0

When running a meet in Meet Manager 5.0, different color lines will appear in the Run screen for each heat to highlight variations in pad-to-backup time differences. **These different colors indicate a *possible* timing malfunction with either the electronic timing system (pads and buttons), the timers operating the buttons and/or watches, or light or missed touches by the swimmer.** ***A timing investigation is necessary to provide the swimmer with an accurate time.***



Heat 8 of 13 == Preliminaries == Event 7 Women 200 LC Meter Freestyle

Lane	Athlete Name	Age	Team	Seed Time	Prelims Time	DQ	Exh	DQcode	Backup 1	Backup 2	Backup 3	HPL	PL		AdjStat
1	Herman, Kylie	15	South Florida Aquatic Club-FG	2:15.07	2:16.50	☐	☐			2:16.84		3	50	b	?
2	Jones, Haley	17	Seacoast Swimming Association-	2:14.72	2:18.63	☐	☐					8	71	b	?
3	Greulach, Veronica	18	Swim Fort Lauderdale-FG	2:14.71	2:18.91	☐	☐		2:18.82			9	73		
4	Heron, Kelley	13	South Florida Aquatic Club-FG	2:14.55	2:16.67	☐	☐			2:16.63		4	54		
5	Durso, Maryrachel	18	Charles River Aquatics-NE	2:14.25	2:18.29	☐	☐		2:17.17			7	70	y	A
6	Hurley, Michaela	17	Seacoast Swimming Association-	2:14.26	2:23.72	☐	☐				2:23.65	10	109		
7	Oliva, Sophia	17	Plantation Swim Team-FG	2:14.56	2:13.87	☐	☐				2:13.86	2	35		
8	Mancilla, Alicia	13	Miami Dade County Aquatic Club-F	2:14.72	2:16.82	☐	☐		2:16.75			6	56		
9	Adams, Chloe	16	Plantation Swim Team-FG	2:14.82	2:13.06	☐	☐		2:03.53	2:13.08		1	31	g	?
10	Lacoste, Juliette	16	Bluefish Swim Club-NE	2:15.21	2:16.77	☐	☐				2:16.71	5	55		

BUTTON TIME VARIES MORE THAN .31 FROM PAD TIME

- Backup time is highlighted in pink when it varies by more than .31 seconds from primary pad time

.31 PAD-TO-BUTTON DIFFERENCE—Late Button or No Button?

- Lane is highlighted in blue when the button time is slower than the primary pad time or no button time recorded

. 31 PAD-TO-BUTTON DIFFERENCE— Early Button or Late Touch?

- Lane is highlighted in yellow when the button time is faster

AVERAGE BUTTON TIME GREATER OR LESS THAN PAD TIME

- Lane is highlighted in green when there are two backup times and one is within .30 to the pad time and one greater than .30 to the pad time, leading to the Official Back Up time (average of the two buttons) still greater than .30 to the pad time.

PROVE THE PAD TIME IS INCORRECT!

USA Swimming Rule 102.24.4A: Automatic Timing – When recorded by properly operating automatic equipment, the pad time shall be the official time. To do this, the Admin Official ***must***

INVESTIGATE

Evidence Needed:

- Button and/or Watch Times *AND* Order(s) of Finish (OOF)

Ask Questions:

- Timers: Accurate buttons and watches; swimmer soft or missed pad touch
- OOF Judges: Accurate order
- Both: Anything peculiar about this situation

What is your proof the pad time is not accurate?

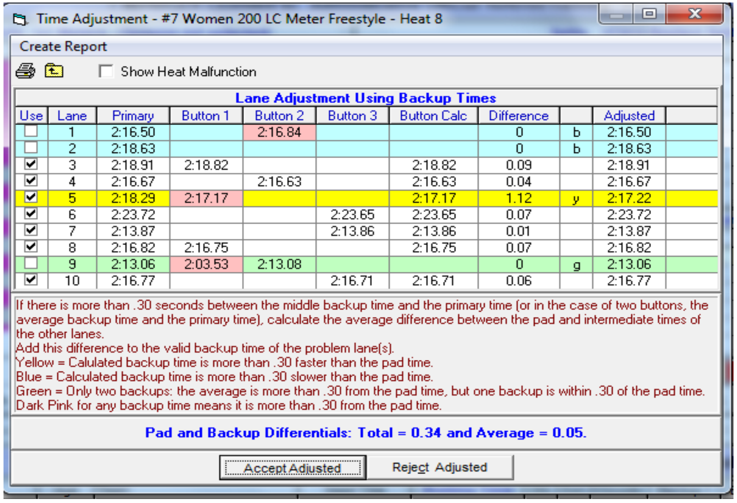
- How much difference is there between the pad and button time? ***What might have happened with the timer in this race?***
- What is the watch time? Does the watch time support the pad or the button?
- What is the order of finish? Does it support the pad or button times?
- Are there two watches/buttons? Was there a separate timer operating each watch and button (two people – remember USAS Rule 102.17.3)? Are you confident in the timers?
- Did the timer report a late or soft touch that would have prevented the pad from getting an official time? Are they novice swimmers who may have been exhausted at the finish?

- **If the button(s), watch(es) and/or OOF support the pad time there is nothing more that needs to be done, other than clearing the "?" in the AdjStat column in MM 5.0***

  ***Click on the "?" and it will auto change to a "K" for OK – you have verified the primary time for that lane is accurate**

- **If the watch(es) and OOF support the button time, go to the CALC screen to adjust the button time for the malfunctioning lane and accept it.**

- **When calculating average heat differentials, do not use the pad-to-button differentials for those lanes where there is a missing or late button, or the average button time is greater or less than .31 to the pad time.** ***When calculating differentials, do not insert a watch time when a button is missing.***



Lane Adjustment Using Backup Times

Use	Lane	Primary	Button 1	Button 2	Button 3	Button Calc	Difference		Adjusted
☐	1	2:16.50		2:16.84			0	b	2:16.50
☐	2	2:18.63					0	b	2:18.63
☑	3	2:18.91	2:18.82			2:18.82	0.09		2:18.91
☑	4	2:16.67		2:16.63		2:16.63	0.04		2:16.67
☑	5	2:18.29	2:17.17			2:17.17	1.12	y	2:17.22
☑	6	2:23.72			2:23.65	2:23.65	0.07		2:23.72
☑	7	2:13.87			2:13.86	2:13.86	0.01		2:13.87
☑	8	2:16.82	2:16.75			2:16.75	0.07		2:16.82
☐	9	2:13.06	2:03.53	2:13.08			0	g	2:13.06
☑	10	2:16.77			2:16.71	2:16.71	0.06		2:16.77

If there is more than .30 seconds between the middle backup time and the primary time (or in the case of two buttons, the average backup time and the primary time), calculate the average difference between the pad and intermediate times of the other lanes.
Add this difference to the valid backup time of the problem lane(s).
Yellow = Calulated backup time is more than .30 faster than the pad time.
Blue = Calculated backup time is more than .30 slower than the pad time.
Green = Only two backups: the average is more than .30 from the pad time, but one backup is within .30 of the pad time.
Dark Pink for any backup time means it is more than .30 from the pad time.

Pad and Backup Differentials: Total = 0.34 and Average = 0.05.

TIPS

There should always be a minimum of two timers per lane. When the semi-automatic and manual *backup* timing systems consist of two buttons and two watches, Timer A operates one button and one watch while Timer B operates one button and one watch.

When the backup systems consist of one button and one or two watches, Timer A operates the button and one watch while Timer B operates one watch.

In the Run Menu, if one of two button times support the pad time, there is nothing more that needs to be done.

*** When an ERROR repeatedly occurs – FIX the cause!**

  - **Change the malfunctioning pad or button**
  - **Re-educate the Timer on pushing the button or using a watch, and stepping to the edge of the pool to get a better view of the swimmer's finishing touch**