

Summary of Timing Requirements in R-15

If the meet is using a timing system with....→	Automatic Primary Timing System (Touchpads)	Semiautomatic Primary Timing System (Buttons Only – No Pads)	Manual Primary Timing System (Watches Only)
These are the requirements to establish a...↓			
World Record	Touchpad Time		
	Three, two, or one backup button(s) if the touchpad fails	Three valid buttons	
	Three valid watches if the both the pad and all buttons fail	Three valid watches if all of the buttons fail	Three valid watches
World Record for an Intermediate Split or Relay Takeoff Distance	Touchpad Time		
	Three valid watches if the touchpad fails	Three valid watches	Three valid watches
USMS Records	Touchpad Time		
	Three, two, or one backup button(s) if the touchpad fails	Three-button system with a time calculated using the procedure in 103.17.3B	
	Two valid watches if the both the pad and all buttons fail	Two valid watches if all of the buttons fail	Three valid watches
USMS Record for an Intermediate Split or Relay Takeoff Distance	Leadoff or intermediate split recorded by touchpad.	<i>Split times may only be used for USMS records when timed with fully automatic timing.</i>	<i>Split times may only be used for USMS records when timed with fully automatic timing.</i>
USMS Top 10 Times	Touchpad Time		
	Three, two, or one backup button(s) if the touchpad fails	Two-button system with a time calculated using the procedure in 103.17.3B	
	One valid watch if both the pad and all buttons fail	One valid watch if all of the buttons fail	Two valid watches
USMS Top 10 Times for an Intermediate Split or Relay Takeoff Distance	Two valid watches if the touchpad fails.	Two valid watches.	Two valid watches.

Running a Meet with Fully Automatic Timing

The officials determine that...	The swimmer's official time is....	This time is valid for...
The pad time is valid.	The pad time	World records, USMS records, Top 10
The pad fails, but at least one button is valid.	Backup time using the valid button times determined per 103.17.3B	World records, USMS records, Top 10
The pad fails and all buttons fail. Three valid watch times are available.	Intermediate watch time	World records, USMS records, Top 10
The pad fails and all buttons fail. Two valid watch times are available.	Average of the two valid watch times	USMS Records and Top 10
The pad fails and all buttons fail. Only one valid watch time is available.	The remaining valid watch time	Top 10 only

Assigning Timers:

Three timers per lane.	Two backup buttons and three watches will protect most records.	Two timers can operate both a button and watch. A third button is optional.
Two timers per lane.	Two backup buttons and two watches will protect most USMS records.	An additional watch timer can be added to protect world records in the event that both the pad and all buttons fail.
One timer per lane.	World and USMS records are not valid if both the pad and button fail.	One timer can operate both a button and watch.

Note: One timer may only operate one of the same device (one watch or one button). A single timer may not operate two buttons or two watches.