

**USA Swimming**  
**1999/2000 Officials Re-Certification Test**

The USA Swimming Officials Committee is pleased that you wish to re-new your certification as a USA Swimming official. Tests are provided in each of the following areas of re-certification:

**Timer**  
**Stroke and Turn Judge**  
**Starter**  
**Referee**  
**Administrative**  
**Clerk of Course**  
**Timing Judge**

**Directions:** Each test is in a multiple choice/true-false format and is composed of 5 to 25 questions. The questions are based on the *1999 USA Swimming Rules and Regulations* published by USA Swimming, Inc. (ISSN 0742-7808). As was the case as when you joined USA Swimming, Inc. as a non-athlete (official) member in your LSC, you will receive by mail a copy of the *Rules and Regulations*. Study the technical rules carefully in answering the questions on each test.

There is a single best choice for each question. You will be required to cite the Glossary (if applicable) or all the appropriate articles and sub-paragraphs of the technical rules for each question. Review the technical rules thoroughly, since there may be more than one citation for each question. A sample question with the proper technical reference is given below:

**ANSWER & TECHNICAL REFERENCE**

- [1] From the beginning of the first arm stroke, the position of the body shall be kept:
- a. on the breast.
  - b. past vertical towards the breast.
  - c. in any position.

a. 101.1.2

Each LSC may determine how it wishes to use any or all of the sections in this test. The USA Swimming Officials Committee considers this test to be an educational tool that should be used to supplement or reinforce teaching points to be presented at officials clinics; consequently, it recommends this be administered as an "open book" exam. It also recommends against giving all sections of the test to all officials. Conversely, since they are responsible for everything that goes on at a meet, referees should take all sections of the test, not just the **Referee** section. Individuals who are re-certifying for a particular position other than referee should take the appropriate specialized section and any other sections - or specific questions from other sections - that would assist them in performing their job better (e.g., a clerk of course applicant might take the **Clerk of Course** section plus questions 8-13 inclusive from the **Administrative** section). The matrix at the end of this sheet indicates a recommended application of these test sections. If you are upgrading your certification you may take

the Re-Certification Tests for your previous level of certification but should take the entire test for the new level. (e.g., A starter wishing to become a referee may take the Re-Certification tests for **Timer**, **S&T** and **Starter** but should take the entire **Ref** and **Admin Ref** tests.) There is no difference between the original and the Re-Certification Tests for **Clerk of Course** and **Timing Judge**.

There is provided a separate answer page on which you are to record your letter answers and technical references. Please retain the test booklet with your answers marked on it for your reference and return the completed answer page only, in accordance with your LSC's instructions, to your LSC's Officials Chairperson (or his designee) who will let you know the results. The Officials Committee extends to you the best of luck and hopes that your volunteer service to USA Swimming will continue to be both enjoyable and rewarding.

Recommended Application of the Re-Certification Tests

Certifying Position	Sections						
	Timer	S&T Judge	Starter	Ref	Administrative	CofC	TJ
Referee	R	R	R	R	R	x	x
Starter	R	R	R		q #s 8-13 incl.	x	x
Timing Judge	R					x	x
S&T Judge	R	R					
Clerk of Course					q #s 8-13 incl.	x	
Timer	R						

x = entire original test

R= re-certification test

q = question #s from that section in addition to

those from the position's primary section of the test

Officials Committee-1999/2000

Effective: May 15, 1999

Ltr 2

**USA Swimming Officials Re-Certification Test 1999/2000**

**Timer**

Multiple Choice/True-False

Answer & Technical Reference

[1] The Head Lane Timer shall:

- a. determine that the proper swimmer is in his lane.
- b. determine that relay swimmers are swimming in the order listed on the timer's card.
- c. neither of the above.
- d. both a & b.

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[2] The number of timers required for each competitor when automatic or semiautomatic equipment is not available is:

- a. one.
- b. two or three.
- c. no less than three.

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[3] A lane timer may operate:

- a. a manual watch or button only.
- b. a manual watch and a button.
- c. two buttons.

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[4] At the start, a timer should start the watch:

- a. at the instant of observing the visual starting signal.
- b. preferably at the instant of sound.
- c. either of the above.

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[5] After the start of a relay heat, the Head Lane Timer shall change, on the lane timer's card, the first name and last name, the age and order of any relay swimmer whom a coach substitutes.

- a. True.
- b. False.

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[6] The Lane Timer's position at the finish is:

- a. at the side of the pool.
- b. directly over the assigned lane.
- c. behind the block of the assigned lane.

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Effective: May 15, 1999

Timer 1

**USA Swimming Officials Re-Certification Test 1999/2000**  
**Timer**

- [7] Whenever semi-automatic or manual timing is used, if all three buttons or watch times disagree, the official time is:
- a. the average of all three watches or buttons.
  - b. the time of the intermediate watch or button.
  - c. the average of the two closest watches or buttons.
- 

- [8] When automatic timing equipment is used, lane timers consider the backstroke finished:
- a. only when the swimmer contacts the touch pad.
  - b. when any part of the swimmer touches the wall.
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- [9] When three watches on a lane are the primary timing system, the official time is:
- a. the time of two watches that agree.
  - b. The average of all three watches.
  - c. the average of the fastest two watches.
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- [10] When the times from only two watches are available, the official time is:
- a. the slower of the two watches.
  - b. the faster of the two watches.
  - c. the average of the two watches.
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Effective: May 15, 1999

Timer 2

**USA Swimming Officials Re-Certification Test 1999/2000**  
**Clerk of Course**

Men's 400-meter Freestyle

A. Vendt, Erik	3:52.49	R. Justice, Sean	3:58.36
B. Younhouse, Jon	3:53.06	S. Siciliano, Tim	3:58.50
C. Taner, Ugur	3:55;58	T. Neligan, Brendan	3:58.58
D. Thompson, Chris	3:55.69	U. Potts, Andy	3:58.75
E. Lewis, Nat	3:55.72	V. Leonard, Mark	3:58.86
F. Warkentin, Mark	3:55.81	W. Donnelly, Eric	3:58.86
G. Malchow, Tom	3:56.02	X. Martin, Tim	3:59.58
H. Ramirez, Austin	3:56.47	Y. Neebe, Steven	3:59.95
I. Messner, Adam	3:56.68	Z. VanPool, Ron	4:00.10
J. Painter, Tyler	3:56.90	AA. Sawatzki, Matt	4:00.13
K. Keller, Klete	3:57.30	AB. Davison, James	4:00.24
L. Sirringhaus, Denis	3:57.32	AC. deFrabrique, Yann	4:00.42
M. Irvin, Reeve	3:57.39	AD. Malchak, Mike	4:00.94
N. Mull, Cameron	3:57.70	AE. Hart, Don	4:27.57(y)
O. Dolan, Tom	3:57.80	AF. Caisse, Kris	4:27.72(y)
P. Hartzel, David	3:57.94	AG. Lunsford, Pat	4:28.08(y)
Q. Hooper, Matt	3:58.04	AH. Godsman, Eric	4:28.10(y)

Technical References:

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

**USA Swimming Officials Re-Certification Test 1999/2000**  
**Timing Judge**

Multiple Choice/True-False

Answer & Technical Reference

- [1] The Timing Judge shall:
- a. determine the official order of finish.
  - b. only look at watch times when there is no pad or button times on a lane.
  - c. notify the referee when a time obtained by the primary timing system cannot be used as the official time.
  - d. all of the above.

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- [2] When the primary timing system consists solely of watches, a backup system must still be provided for all competitors to determine the official time.
- a. True.
  - b. False.

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- [3] The following official decides whether or not there is a malfunction of the primary timing system:
- a. Timing Equipment Operator.
  - b. Timing Judge.
  - c. Chief Timer.
  - d. Referee.

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- [4] In a timed finals meet, when official times in different heats are identical to the 100<sup>th</sup>s, the final order of finish shall be determined by:
- a. a swim-off.
  - b. place judges.
  - c. declaring a tie.
  - d. flipping a coin.

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- [5] If the primary timing system is either automatic or semi-automatic but is started late, it may be used to determine the order of finish.
- a. True.
  - b. False.

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- [6] The official time cannot be determined if only one watch or button time is available.
- a. True.
  - b. False.

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**USA Swimming Officials Re-Certification Test 1999/2000**  
**Timing Judge**

[7] The Timing Judge should check for a possible primary timing system error when:

- a. an official reports a late or missed touch.
- b. there is more than .20 second difference between the primary system time and the backup times.
- c. both primary and secondary times are exactly the same, to the 100<sup>ths</sup>, on any lane.

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[8] Judging shall only be used to change the order of finish if:

- a. the swimmers competed in the same heat.
- b. times obtained from properly operating automatic timing equipment are not available.
- c. both place judges determine a different relative order of finish and make a written record.
- d. all of the above.

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[9] When automatic equipment is used and two swimmers tie to the 100<sup>th</sup> of a second, the 1000<sup>ths</sup> may be used to break a tie.

- a. True.
- b. False.

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[10] When automatic equipment is used that reports times to 1000<sup>ths</sup>, the final digit is dropped and the time recorded to 100<sup>ths</sup>.

- a. True.
- b. False.

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[11] The correction factor applied to the primary times when a malfunction equally affects an entire heat is the simple average of the total time difference between the primary times and the valid back-up times of each swimmer in a heat.

- a. True.
- b. False.

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[12] When automatic equipment is used, a potential malfunction exists if there is a difference of 0.30 seconds or more between the primary and secondary times for any lane.

- a. True.
- b. False.

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**USA Swimming Officials Re-Certification Test 1999/2000**  
**Timing Judge**

[13] When a malfunction in the primary system is confirmed for a single lane, the secondary time is used as the official time.  
 a. True.            b. False.

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[14] Fill in the official times, noting the lane malfunction.

Primary System - Automatic  
 Secondary system - Semi-automatic, 3-buttons  
 Tertiary system - Manual, one watch

LANE	PRIMARY PAD TIME	BUTTON A	BUTTON B	BUTTON C	WATCH TIME	PAD MINUS MIDDLE BUTTON	OFFICIAL TIME
1	53.75	53.79	53.65	53.48	53.55		
2	54.19	54.03	54.08	54.01	54.00		
3	54.29*	53.49	53.46	53.47	53.45		
4	53.35	53.28	53.25	53.20	53.17		
5	52.92	52.83	52.78	52.68	52.74		
6	52.95	52.90	52.87	52.91	52.85		
7	54.10	53.96	53.81	53.91	53.85		
8	54.12	54.04	54.02	53.97	53.94		



**USA Swimming Officials Re-Certification Test 1999/200**  
**Timing Judge**

[15] Fill in the official times and placement for a heat malfunction in the following situation:

Primary System - Automatic (late manual start confirmed)  
 Secondary system - Semi-automatic, 3-buttons (button times invalid)  
 Tertiary system - Manual, one watch

LANE	PRIMARY PAD TIME	WATCH TIME	WATCH TIMES LESS PAD TIME	HEAT ADJUSTMENT	OFFIC. TIME	ORDER OF FINISH
1	54.80	57.89				
2	54.13	57.20				
3	50.86	53.96				
4	51.68	54.80				
5	52.02	55.08				
6	53.00	56.08				
7	53.46	56.51				
8	54.00	57.04				