

## **CHIEF FINISH JUDGE CLINIC**

1.	Equipment and Supplies Required	2
2.	Role and Location	2
3.	Performance of the Position	3
4.	Before the Meet	3
	b) Pre – Meet Briefing With the Referee	3
5.	During the Meet	4
	a) General Information	4
	b) Manual Times and Manual Placings	5
	c) Automatic Judging and Timing System	6
	d) Failure of Automatic Timing System	6
6.	After the Meet	8
7.	EXERCISES FOR THE CHIEF FINISH JUDGE	9
8.	Chief Judge Electronics (Supplement)	13

## CHIEF FINISH JUDGE

### Equipment and / or Supplies Required

1. Calculator
2. Elastic Bands
3. Stapler and Staples
4. Sharp Pencils
5. Rule Book for Reference
6. Ensure extra finish cards [ or blank paper ] on hand

### Role and Location

#### 1. Role

**SW 2.9.1** *The Chief Finish Judge shall assign each Finish Judge his position and the placing to be determined.*

- < This Fina rule applies to those federations where Finish Judges are still used.  
In Canada, the use of Finish Judges has been eliminated in all sanctioned meets (CSW 1.2.4.1).

**SW 2.9.2** *After the race, the Chief Finish Judge shall collect the signed results sheets from each finish judge and establish the result and placing which will be sent directly to the referee.*

- < The Chief Finish Judge's primary responsibility is the determination of the official placings and results of a race.

**SW 2.9.3** *When Automatic Officiating equipment is used to judge the finish of a race , the Chief Finish Judge must report the order of finish recorded by the equipment after each race*

- c Electronic times are automatically official and cannot be overruled by manual times (watches) or semi-automatic times (plungers) if there is no failure of the electronic system or evidence of a "light touch". (difference of .03 seconds)

#### 2. Location

- a) Usually in a room to the side of the deck or an area free of excess traffic, noise, or air turbulence (you don't need cards or papers flying around) with easy access from the deck for receipt of cards, Timekeeper sheets, or electronic tapes.
- b) Accessible to the Referee for resolution of time / place discrepancies.
- c) If possible, there should also be easy access to Chief Judge Electronics and "desk

control” (Chief Recorder / Scorer – Meet Office).

## **Performance of the Position**

### **A. BEFORE THE MEET**

- 1) Pre-Meet Briefing With The Referee.
  - a) Ask how the Referee wishes time / place discrepancies to be handled (RD)
  - b) Would he like you to solve them according to the rules, and then advise him of the decision for his approval?
- 2) How does the Referee want to handle the signing of each event’s results? (SW 2.9.2)
- 3) Introduce yourself to the other key officials:
  - a) Your responsibilities require you to interact with the
    - < Clerk of Course
    - < Chief Timekeeper
    - < Recorder / Scorer (Desk Control)
    - < Chief Judge Electronics.
- 4) How will combined events be indicated on the cards, sheets ?
- 5) Ensure the Chief Timekeeper briefs his Timekeepers where on the cards the splits and times are to be recorded (Chief Timekeeper and/or Referee will brief the timers)
- 6) How will you receive your electronic tapes ?
- 7) How will the Chief Judge Electronics notify you of any problems?
- 8) Are there Runners in place, if needed? (If pre-seeded event sheets are being used, often an assistant Chief Finish Judge can be assigned to collect these)
- 9) Any special requirements for the Recorder/Scorer or office ?
- 10) How and when would the office like to receive the time cards or sheets? (ie. distance events)
- 11) Check out your working space and equipment required.

## **B. DURING THE MEET**

- < Monitor the performance of Assistant Finish Judges and address any problems.
- < If the Timekeepers are putting the times in the wrong places on the time cards, advise the Chief Timekeeper of the lane and the problem that is occurring. The Chief Timekeeper looks after his Timekeepers.

### **A] General Information**

**CSW 1.2.4.1** *Use of Finish Judges has been eliminated in all Canadian sanctioned meets. However, a Chief Finish Judge is required.*

**SW 11.1** *The operation of Automatic Officiating Equipment shall be under the supervision of appointed officials. Times recorded by Automatic Equipment shall be used to determine the winner, all placings and the time applicable to each lane. **The placings and times so determined shall have precedence over the decisions of human judges and timekeepers. In the event that a break-down of the Automatic Equipment occurs or that it is clearly indicated that there has been a failure of the Equipment, the decisions of the human judges and recordings of the human timekeepers shall be official.** [ SW 13.3 ]*

- < If the electronics is working for all lanes in a race, use the electronics for the official times and placing. (SW 13.1)
- < If the Chief Judge Electronics or a Timekeeper marks a lane on a tape or time card as a "light touch", use the procedures outlined in SW 13.2 addressing the failure of Automatic Equipment.

**SW 11.2** *When Automatic Equipment is used, the results shall be recorded only to 1/100 of a second. When timing to 1/1000 of a second is available, the third digit shall not be recorded or used to determine time or placement. In the event of equal times, all swimmers who have recorded the same time at 1/100 of a second shall be accorded the same placing. Times displayed on the electronic scoreboard should show only to 1/100 of a second.*

**SW 11.4** *Should a swimmer be disqualified during or following an event, such disqualification should be recorded in the official results, but no time or place shall be recorded or announced.*

- < At most meets you will leave the official time empty and place the card at the end of the event. Ensure the **DQ** is clearly marked.

**SW 11.5** *In the case of a relay disqualification, legal splits up to the time of the*

*disqualification shall be recorded in the official result*

**SW 11.6** *All 50 meter and 100 meter splits shall be recorded for lead-off swimmers during relays and published in the official results.*

**B] Manual Times and Manual Placings**

1.) Determine the official times of the heat. (SW 11 Timing)

**SW 11.3** *Any timing device that is terminated by an official shall be considered a watch. Such manual times must be taken by three Timekeepers appointed or approved by the Member of the country concerned. All watches shall be certified as accurate to the satisfaction of the governing body concerned. Manual timing shall be registered to 1/100 of a second. Where no Automatic Equipment is used, the official manual time shall be determined as follows.*

When three watches are being used:

In the event that all three watches agree, then that's the time.

**SW 11.3.1** *If two of the three watches record the same time and the third disagrees, then the two identical times shall be the official time.*

- **1:02.66**, 1:02.76, **1:02.66** The official time is 1:02.66

**SW 11.3.2** *If all three watches disagree, the watch recording the intermediate time shall be the official time.*

- 1:02.60, **1:02.76**, 1:02.94 The official time is 1:02.76

**CSW 11.3.2.1** *If only **TWO** watches are being used, the arithmetic average to the slowest hundredth shall be the official time.*

- 1:02.65 , 1:02.76, the official time is  $(.65+.76) / 2 = 0.705$ ,  
(rounded up becomes 0.71, = O.T. of 1:02.71)

< This is where a calculator can be very handy. Complete the official time on the bottom of the card. Finish Judges do not enter into this decision. If **three** times are recorded on the time card, use the official time as calculated above.

< Place the time cards in a sequence of official times (fastest to slowest).

< Compare the time cards to the official Chief Finish Judge's report.

- < If the time sequence is not the same as the official placing, follow the procedure established with the Referee during the pre-meet briefing.
- < Any problems the Chief Finish Judge is unable to resolve are referred to the Referee.
- < If the Official times are identical, the swimmers shall be **TIED** (“**TT**”).

2.) The Referee will be advised of the placings according to his directions during the pre-meet briefing.

- < This may be when the Recorder/Scorer or Desk Control brings the result sheets to the Referee to review and sign.

#### C] Automatic Judging and Timing System [ SW 2.9 , SW 13. ]

**SW 2.9.3** *Where Automatic Officiating Equipment is used to judge the finish of a race, the Chief Finish Judge must report the order of finish recorded by the equipment after each race.*

- < **Automatic Officiating Equipment takes precedence over manual judges, at times when it is deemed to be operating correctly (i.e. no “light touches” or electronic malfunctions).**

#### D] Failure of Automatic Judging and/or Timing System

**SW 13.1** *When Automatic Officiating Equipment is used [FR 4] in any competition, the placing and time so determined and relay take-offs judged by such Equipment shall have precedence over the Timekeepers.*

##### ***Determining Placings:***

**SW 13.2** *When the Automatic Officiating Equipment fails to record the place and or time of one or more swimmers in a given race, then:*

**SW 13.2.1** *Record the Automatic Equipment times and places.*

**SW 13.2.2** *Record the human times and places.*

**SW 13.2.3** *The official place will be determined as follows:*

Complete comparisons and ranking procedure of Automatic Equipment times and places.

- < The Chief Judge Electronics may indicate a **malfunction or inactivation** of the equipment (light touch) by a note on the computer print out paper.

- < In such cases the Chief Finish Judge should use the manual times and mark the time card (MT) Manual Time
- < Should the Chief Finish Judge see a **discrepancy of .30 seconds or greater between an automatic time and the manual time, it should be viewed as a possible malfunction of the electronics and reviewed by the Referee or dealt with as determined in the pre-meet briefing.**

**SW 13.2.3.1** *A swimmer with an Automatic Equipment time and place must retain his relative order when compared with the other swimmers having an Automatic Equipment time and place within that race.*

**SW 13.2.3.2** *A swimmer not having an Automatic Equipment place but having an Automatic Equipment time will establish his relative order by comparing his Automatic Equipment time with the Automatic Equipment time of other swimmers.*

**SW 13.2.3.3** *A swimmer having neither an Automatic Equipment place nor an Automatic Equipment time shall establish his relative order by the time recorded by the Semi – Automatic Equipment or by three digital watches.*

- < **If automatic equipment fails or is not activated by the swimmer, the time from three digital watches is official.**

**SW 13.3** *The official time will be determined as follows:*

**SW 13.3.1** *The official time for all swimmers having an Automatic Equipment time will be that time.*

**SW 13.3.2** *The official time for all swimmers not having an Automatic Equipment time will be the three digital watches or the Semi-Automatic Equipment time.*

- If there is no automatic equipment **time** use three human times

**SW 3.2.3** *In the event that swimmers from the same or different heats have equal times registered to 1/100 second for either the eight place or sixteenth place, there shall be a swim-off to determine which swimmer shall advance to the appropriate finals. Such swim-off shall take place **not less than one hour** after all involved swimmers have completed their heat. Another swim-off shall take place if equal times are registered again.*

- < Notify the Referee or Meet Manager, in the method determined during the pre-meet briefings.

- < Record the placing within the event on each card. (when swimmers from different heats have the same official time, whether automatic, manual , or a Referee’s decision, they shall all be TIED in their relative order of finish.) Ties will take up the same number of placings as the number of swimmers involved in the tie.

ie.	<u>Placing</u>	<u>Official Time</u>	
	1	1:00.01	
	2	1:00.12	TI
	2	1:00.12	TI
	4	1:02.43	

- < While entering the placings, ensure that the markers are also indicated: **Exhibition Swims (EX), Official Splits (OS), and Disqualification’s (DQ)**. Placing these at the bottom of your cards, results sheets and or electronic tapes.
- < Bundle all the cards for the event (time cards, finish sheets and electronic tapes) together and forward as directed by the Referee. (usually to the Recorder/Scorer or Desk Control in the Meet Office)

### 3. AFTER THE MEET

- a) Ensure the Referee will be available for the time required to complete the results, in the event you require his approval or decision to resolve a problem.
- b) Check with the Referee, Recorder/Scorer, and/or Office for any out-standing problems.
- c) Return all meet materials, pens, staplers, etc.



## EXERCISES FOR THE CHIEF FINISH JUDGE

### Electronic Timing

- a) Times secured by automatic timing equipment shall be recorded to the 100<sup>th</sup> of a second only.  
< If this results in identical times then the swimmers are tied for both time and place; regardless of their placing by the system.
- b) Determining the official place and time in a heat or final:  
< If, in the judgement of the Referee, the automatic system fails in timing and/or placing (after consultation with the Chief Judge Electronics and the Chief Finish Judge ) **The swimmer shall be given the back-up time (manual or semi-automatic.** (SW 13.3.2)
- c) Determining the order of finish for the combined heats of one event:
1. The order is determined by comparing the competitor's official times (Electronic or back-up).
  2. All swimmers with the same official time shall be TIED.

### Example 1

SWIMMER	MACHINE TIME	MACHINE TIME	OFFICIAL TIME	PLAC E
A	1:04.371	1	1:04.37	1 <b>TI</b>
B	1:04.372	2	1:04.37	1 <b>TI</b>
C	1:05.012	3	1:05.01	3
D	1:05.854	4	1:05.85	4

**Example 2**

SWIMMER	MACHINE TIME	MACHINE PLACE	BACK-UP TIME	BACK-UP PLACE	OFFICIAL TIME & PLACE
A	1:01.21	1		1	1:01.21
B	1:01.47	2		2	1:04.47
C	-	-	1:01.12	3	1:02.12 <b>MT</b>
D	1:02.15	3		4	1:02.15

**Example 3**

SWIMMER	MACHINE TIME	MACHINE PLACE	BACK-UP TIME	BACK-UP PLACE	OFFICIAL TIME & PLACE
A	1:00.59	1		2	1:00.59 <b>RD</b>
B		-	1:00.60	1	1:00.59 <b>RD</b>
C	1:01.10	2		3	1:01.1
D	1:01.56	3		4	1:01.56

- a) Electronic Time Integration
- < Write down the integrated places and times
  - < After the time, show **RD** (Referee's Decision) or **TI** (Tie) if applicable.

ANSWER: 1 – A = 1:00.12      2 – B = 1:00.34      3 – C = 1:01.06  
 4 – D = 1:02.38 **MT**      5 – E = 1:03.6

**Example: Event 1 Heat 1**

Swimmer	Electronic		BACK-UP		Integrated Place	Result Time
	Place	Time	Place	Time		
A	1	1:00.12	1	1:00.02	-	-
B	2	1:00.34	2	1:00.36	-	-
C	3	1:01.06	3	1:01.14	-	-
D	-	-	4	1:02.38	-	-
E	4	1:03.64	5	1:03.75	-	-

**Example: Event 2 Heat 1**

Swimmer	Electronic		Back-up		Integrate d Place	Result Time
	Place	Time	Place	Time		
A	1	1:00.12	1	1:00.09	-	-
B	2	1:00.34	2	1:00.31	-	-
C	3	1:01.06	3	1:01.04	-	-
D	-	-	4	1:01.06	-	-
E	4	1:01.14	5	1:01.17	-	-

ANSWER: 1 – A = 1:00.12                      2 – B = 1:00.34                      3 – C = 1:01.06 **RD**,  
 4 – D = 1:00.06 **MT RD**                      5 – E = 1:01.17

**Example: Event 2 Heat 3**

Swimmer	Electronic		Back-up		Integrated Place	Result Time
	Place	Time	Place	Time		
	1	1:00.12	1	1:00.09	-	-
G	2	1:00.34	2	1:00.32	-	-
H	-	-	3	1:01.00	-	-
I	-	-	4	1:01.00	-	-
J	3	1:01.14	5	1:01.18	-	-

**If Two Times on “H” and “I” - Use Back-up Placings.**

ANSWER: 1 – F = 1:00.12,                      2 – G = 1:00.34,                      3 – H = 1:01.00 **MT RD**  
 4 – H = 1:01.00 **MT RD**,                      5 – J = 1:01.18

**If Three Times on “H” and “I” Use Back-up Times.**

3 – H = 1:01.00 **MT TI**,                      3 – I = 1:01.00 **MT TI**

**If only Two Times on “H” and Three Times on “I” then**

3 – H = 1:01.00 **MT TI**,                      3 – I = 1:01.00 **MT TI**

**Example: Event 2 Heat 3**

Swimmer	Electronic		Back-up		Integrated Place	Result Time
	Place	Time	Place	Time		
K	1	1:00.01	1	1:00.00	-	-
L	2	1:00.96	2	1:00.88	-	-
M	3	1:01.00	3	1:00.92	-	-
N	4	1:02.34	4	1:02.43	-	-
O	5	1:03.62	5	1:03.78	-	-

ANSWER: 1 – K = 1:00.01, 2 – L = 1:00.96 3 – M = 1:01.00

4 – N = 1:02.34, 5 – O = 1:03.62

**Situation:** You are using a six (6) lane pool, with HEATS and FINALS:

- Place EVENT 2 , Heat 1,2,3 in **Finals “A”** and **Consolations “B”**

ANSWER:

PLACE	SWIMMER	INTEGRATED TIME
<b>FINALS “A”</b>		
1	K	
2	A	1:00.12 <b>TI</b>
2	F	1:00.12 <b>TI</b>
4	B	1:00.34 <b>TI</b>
4	G	1:00.34 <b>TI</b>
6	L	1:00.96
<b>CONSOLATIONS “B”</b>		
7	H	1:01.00 <b>TI</b>
7	I	1:01.00 <b>TI</b>
7	M	1:01.00 <b>TI</b>
10	C	1:01.06 <b>RD</b>
11	D	1:01.06 <b>RD</b>
12	E	1:01.17
<b>ALTERNATES</b>		
13	J	1:01.18
14	N	1:02.34

- A and F are Tied because they are in different Heats. Lanes assigned by draw.
- B and G are Tied because they are in different Heats. Lanes assigned by draw.
- H, I, and M are Tied because they are in different Heats. Lanes assigned by draw.
- C and D are in the same Heat and are an **RD**. Lanes assigned by placings in the same Heat.
- If we had a TIE between L and H , we would require a swim-off for last place in Finals, or found some other way of resolving it.
- If we had a TIE between E and J we would require a swim-off for last place in Consolations, or found some other way of resolving it.

## **Chief Judge Electronics: (Supplement)**

### **CSW 2.12.1.2**

- a) *Shall oversee the operation of any SNC approved Automatic Officiating Equipment.*
- b) *Shall determine if the Automatic Officiating Equipment is in error and advise the Referee of any malfunction or light touch.*
  - < This is done by a note written on the electronic tape.
- c) *Shall observe the touches of all swimmers and note any cases in which the Automatic Equipment fails to properly record the touch.*
  - < This may happen on occasion when younger swimmers fail to de-activate the touch pad.
- d) *Shall be positioned with the Automatic Officiating Equipment near the finish end with an unobstructed view of the finish of each lane.*
- e) *Shall be fully familiar with the rules of swimming and the operation of the Automatic Officiating Equipment.*

- f) *Shall ensure that the Automatic Officiating Equipment is activated manually to obtain placings when the system has failed to be activated by the starting signal.*

### **CSW 2.12.1.3 Electronics Operator**

- a) *Shall operate, or assist in the operation of any SNC approved Automatic Officiating Equipment.*

