TIMING

-The timer is the "HEARTBEAT" of the Race Committee

- All of the actions from start to recording of finishes depend on the timer

TIMING

- AYC uses "GPS" time. Do a time check with the PRO at the pre-Race meeting to co-ordinate watches

- Remind the PRO of the course location announcement on the way to the race course

- Remind the PRO of 30 minutes, 15 minutes, and 10 minutes before the first warning

- Timer takes over at 5 minutes to Warning and will be announcing time and start order

- This is now "Quiet boat" time – no unnecessary talk or conversation until to finish of the start sequence
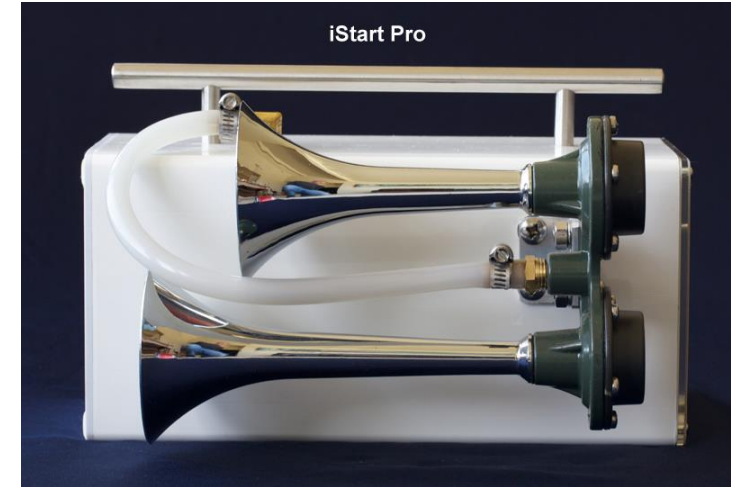
TIMING

- AYC generally uses two different starting sequences, depending on the event and classes.

- WNR uses both RRS 26 (5 minute sequence) AND Appendix U (3 minute audible sequence)

- 2024 Frostbite using Appendix U

- Weekend Regattas and Championships usually use RRS 26

- Junior Regattas at AYC typically use RRS 26 for Opti R/W/B and Appendix U for 420s and Ilca classes

TIMING

TIMING

Typical timing of radio announcements for a rolling sequence using RRS 26:

Attention – Series of short sounds(5) – 2 minute before the first warning sequence

At 1 min before Warning: "Less than 1 minute to Warning for ORC-1"

"30 seconds", "15", countdown last 10 seconds to Warning Signal

At 30 seconds before Preparatory Signal: "Less than 30 Seconds to "Papa" Flag up. "15", countdown last 10 seconds to Papa Flag up

At 30 seconds before the drop of the Papa flag: "Less than 30 seconds to "Papa" flag down, countdown last 10 seconds to P flag down

At 30 seconds to Start: "Less than 30 seconds to Start for ORC-1 and Warning for ORC-2"

At Start : "Start for ORC-1, less than 1 minute to Papa flag up for ORC-2"

Continue through remaining starts

APPENDIX U (Audible Signal)

- No flags used – except Recall may be used

- Courses may be posted or announced – must be done before the Warning Signal

- Communication on radio by timer, is key and helpful to FB and WNR scoring team

APPENDIX U (Audible Signal System)

Attention – Series of short sounds(5) – 1 minute before the first warning sequence

Warning – 3 long sounds   - 3 minutes

Preparatory – 2 long sound   - 2 minutes

1 long sound/1short sound – 1 ½ minutes

1 long sound - 1 minute

3 short sounds – 30 seconds

2 short sounds – 20 seconds

1 short sound - 10 seconds

5 short sounds – 5-4-3-2-1 seconds

1 long sound – 0 (START)

During this sequence, timer communicates when a horn is NOT forthcoming

SCRIPT

- As seen by the last few slides, the sequence has many steps. FOCUS is very important. Timing scripts are available and can be pre-filled (a perfect world) but be sure to have a way to adjust for Postponements of General Recalls

- There's a reason we use pencils ☺

- You'll get a rhythm after awhile and know when to key the mic, talk and then hold in front of horns..

RACE COMMITTEE STARTING SCRIPT

Event: _____ **Date:** _____

Timer: _____ **Race #:** _____

Notes:	- Timer should be using radio on competitor channel (refer to SI). Keep the microphone "keyed" so that the sound signal is broadcast on radio

[Beginning of the day, prior to first sequence, often by PRO] • 120 minutes before (pre-dock-out) - to notice board - initial starting area, order of starts for 1st race • 60 minutes before: Approximate location of starting area (SSI 7.3) • 30 minutes before warning: Location of RC Signal (SSI 7.4)	**First Warning Signal:**

[ONLY if A/P or General Recall flag is up] 1 minute before lowering [AP or General]:
"Less than 1 minute to [AP or General] down with sound."
   "30 seconds"... "10"...."5,4,3,2,1"
   " [AP, Abandon, General] down"
	ORDER OF Starts:

[Do this once, for first class of a new sequence only & always before first race of each day] 1 minute before warning – multiple short sounds for attention – no radio "Less than 1 minute to _[1ˢᵗ]_____warning with sound". "30 seconds" … "10"…"5,4,3,2,1 **[Start Horn]**	**1:** **2:** **3:** **4:**

[REPEAT below for each starting class] - PREP*: or U, I, Z or Black
5 Minute Horn sounds
   "Less than 1 minute to papa up with sound."
   "30 seconds" … "10"…"5,4,3,2,1"
4 Minute Horn sounds
Just under 2 Minutes
   "Less than 1 minute to papa down with sound
   "30 seconds" …. "10" … "5,4,3,2,1"
1 Minute Horn sounds
   "Less than I minute to _____ Start and
      _[next class]_____Warning."
   "30 seconds to _____ Start" …"10" "5,4,3,2,1" **[Start Horn]**
   [repeat for each class]
	5:
	
	6:
	
	7:

Script – Appendix U

ANNAPOLIS YACHT CLUB RACE COMMITTEE
STARTING SCRIPT – Appendix U (3 Minute Sequence)

Event/Series: _____ Date: _____

Timer: _____ Race #: _____

Class Order	Warning Time	Start Time	1 minute Before Warning
1:			"Less than 1 minute to warning, _____ class." "30 seconds"
2:			"15" ... "10" .... "5,4,3,2,1"
3:			**Click Start on iHorn Timer box (begin 3-minute sequence)**
4:			
6:			**During Sequence:** @2:30 "30 seconds" "15" ... "10" .... "5,4,3,2,1" @2:00 hold radio in front of iHorn
7:			@1:30 hold radio in front of iHorn @1:15 "15" ... "10" .... "5,4,3,2,1"
8:			@1:00 hold radio in front of iHorn
9:			@:30 hold radio in front of iHorn @:20 hold radio in front of iHorn
10:			@:15 "15 seconds"
Notes:			@:10 hold radio in front of iHorn for remainder of sequence
			Istart will stop and revert to 3 minutes
			Begin Next Class Sequence (repeat above)

Oops..I didn't charge the iStart :-(

- It is imperative that if something goes wrong, nobody panics and there are various options:

  - You keep going and use a manual horn

  - The PRO stops the sequence..you figure out a game plan, and start again

TIMING – The Finish

- Timing of finishes is critical for handicap boats. Exact start time and exact finish times are needed to correctly calculate their handicap adjustments

- Coordinate with the Finish Team and let them know how you plan on calling out the times. Often the boats will come in one at a time or in small groups, so it is relatively easy to get the finish times.

- PENMANSHIP is key..others may need to read your sheets

TIMING – Finishes

- In the case of a large group of boats, not all times can be recorded at the instant a given boat crosses the line, be sure to get the time of the first and last boats in the pack and as many times in the middle as you can (sail numbers are not as critical as timing order), others on the finish team will be getting sail numbers and order.

- Once the group is past, the finishes can be sorted and times applied to the correct boats.

- VIDEO on the finish line is VERY helpful

TIMING – Finishes (cont)

- For one design classes (J-105's, J-80's, etc.), we like to get the first to finish time, 5th to finish and last in class, if possible since these times are used in setting up course lengths and starting order in future races.

- When OD and handicapped finishers may intermingle, you may decide to record times for all boats like WNR & FB do, but it depends on the finish team.

Example – Finish Sheet

TIMING Conclusion

- Timing is critical to the running of the race both at the start AND the finish.

- Keep track of class finishes…keep the PRO in the loop

- Key elements of a good timer are organization, focus aka keep your head in the game and awareness of where we are in the sequence

- Speak clearly on the radio and be sure to remember to "key" the transmit button 5 seconds before you intend to speak, or the first few words will not be broadcast