

1 - The value of number of qualifications rounds are not being written to the db

	NumberOfLaps	NumberOfQualRounds	Length
	Filter	Filter	Filter
..	3	0	400.0

Stage Management

Number of Laps Number of Qualification Rounds

2 - Change the Avg Speed to km/h instead of m/s

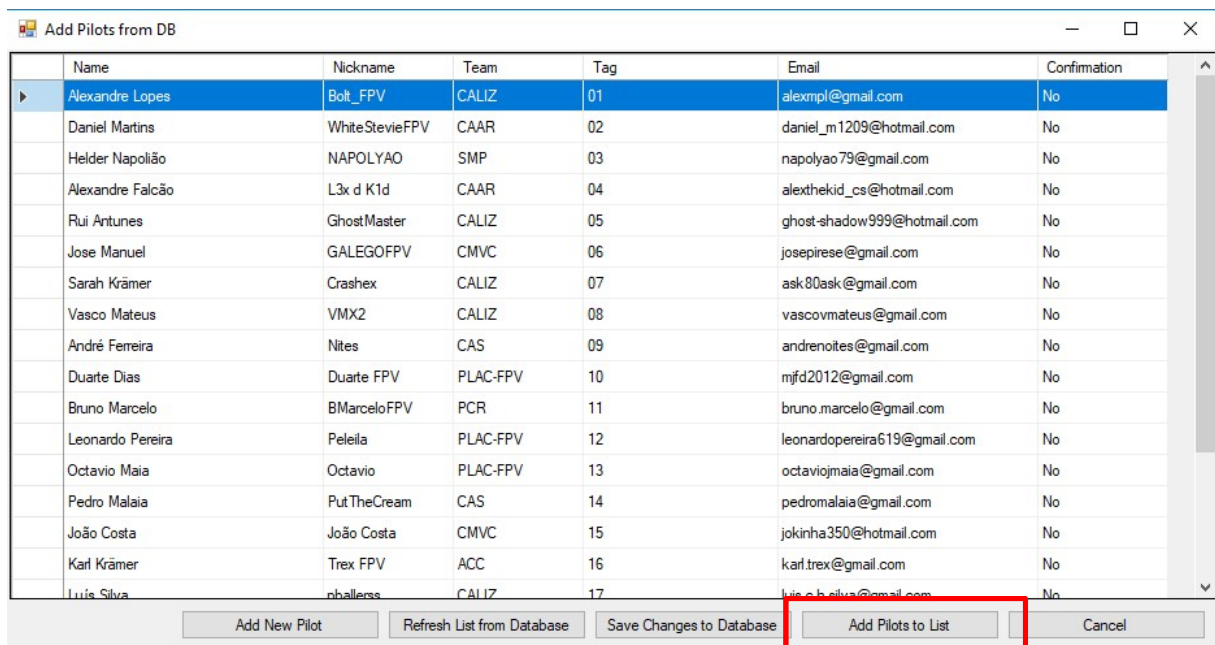
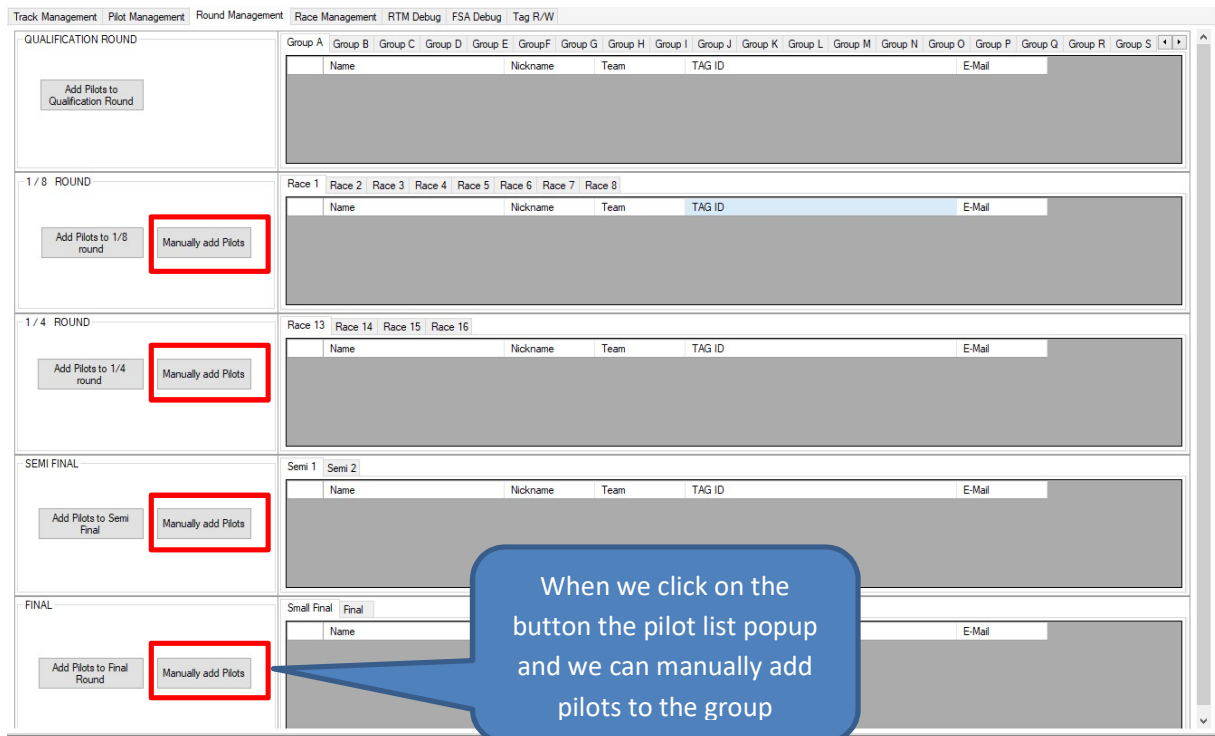
	Avg Speed, m/s	Laps
47	47,92	3
94	69,03	3
47	67,26	3
9	66,77	3

3 - Change the time format on the table for minute : seconds : milliseconds

Example: 00:00,000

LAP1	LAP2	LAP3	Time Diff	Best
0:00:12,577	0:00:07,098	0:00:05,367	-0:00:01,731	0:0
0:00:05,324	0:00:06,94	0:00:05,119	-0:00:01,821	0:0
0:00:07,035	0:00:05,622	0:00:05,185	-0:00:00,437	0:0
0:00:05,69	0:00:07,129	0:00:05,152	-0:00:01,977	0:0

4 - Add a button to access the pilot list to manually assign pilots to the each phase of the race. Do this for all race stages 1/8 , 1/4, semi final and final



5 - New tab for setting all variables of the race (do as you think is better regarding the 1/4 and the 1/8)

RFID Chrono Timing System v1.0 by RC-WORKS | 3D-WORKS | CHRONOSYSTEM

Reader Setup | **Race Management** | Track Management | Pilot Management | Round Management | Race Management | RTM Debug | FSA Debug | Tag R/W

Race Properties

Event Name:

Location:

Track Length (meters):

Date: 25-Oct-18

Number of Laps:

Number of Qualification Rounds:

Number of Pilots per Group:

Minimum First Lap Time (sec):

Minimum Lap Time (sec):

Use second Change: ☐

Round type:

Save

Check box, when checked we are using the second chance method

Combo box, with 2 options, 1/4 or 1/8, change the tab round management to 1/4 or 1/8 mode

6- New button for re flight , repeat a round

Antenna Selection: ☒ Ant1 ☐ Ant2 ☐ Ant3 ☐ Ant4

Min RSSI: 0 Max RSSI: 0

Mode: Real Time

Event Round: Round Q1 Group Group B

Export Data: Export to CSV

Race Control: START STOP RESET

Race Time: 00 : 58 : 293

Race Properties: Minimum First Lap Time (sec): 5 Minimum Lap Time (sec): 5 Event Name: TEST Track Length, m: 500 Location: TEST Date: 18-Oct-18

Current Event: Q1 Group B Confirm and Save to DB

TAG ID	ID Count	RSSI	Freq	LAP1	LAP2	LAP3	Time Diff	Best Lap	Average	Distance	Penalty
06	0	0	0	0:00:26.567	0:00:26.567	0:00:26.567		0:00:26.567	0:00:26.567		
07	0	0	0	0:00:16.567	0:00:16.567	DNF		0:00:16.567			
08	0	0	0	0:00:19.567	0:00:19.567	0:00:19.567		0:00:19.567	0:00:19.567		
09	0	0	0	0:00:19.567	0:00:19.567	0:00:19.567		0:00:19.567	0:00:19.567		

Race Ranking (Qualification rounds): Display Ranking by Average Time Top 3

#	Name	Average Top 3
1	Vasco Mateus	0:00:19.567
2	André Ferreira	0:00:19.567
3	Jose Manuel	0:00:26.567
4	Daniel Martins	2:0:00:00
5	Helder Napolião	2:0:00:00
6	Alexandre Falcão	2:0:00:00
7	Rui Antunes	2:0:00:00
8	Sarah Krämer	

IT'S NEED TO IMPLEMENT A NEW FUNCION, CALLED "RE-FLIGHT" FOR EXAMPLE IN A EVENT OF A BIG CRASH THAT WE NEED TO INTERRUPT THE RACE, WE NEED TO START THE ROUND AGAIN AND SAVE THE NEW DATA TO THE DB, IMAGINE THAT WE ARE RUNING Q1 - GROUP B AND WE NEED TO STOCK THE RACE AND ALL PILOTS HAVE DONE 2 LAPS, IN A RE-FLIGHT SITUATION ALL THE INFO MUST BE DELETED FORM THE DB REGARDING THAT Q1 - GROUP B AND WE WILL REPEAT THE Q1 - GROUP B

7 - Add a new field Position

This field will show the position of the pilot on the race, is calculated using the lap's done the position will order the pilots on each round, this field will be used on the video overlay

#	Name	TAG ID	ID Count	RSS	Freq	LAP1	LAP2	LAP3	Time Diff	Best Lap	Average	Avg Speed, m/s	Laps	Distance	Penalt
1	Alexandre Lopes	01	0			0:00:05.354	0:00:10.354	0:00:09.354	-0:00:01	0:00:05.354	0:00:08.354		3		
2	Daniel Martins	02	0			0:00:15.354	0:00:08.354	0:00:05.354	-0:00:03	0:00:05.354	0:00:09.687		3		
3	Heider Napolião	03	0			0:00:25.354	0:00:05.354	0:00:08.354	0:00:03	0:00:05.354	0:00:13.021		3		
4	Alexandre Falcão	04	0			0:00:10.354	0:00:05.354	0:00:18.354	0:00:13	0:00:05.354	0:00:11.354		3		

8 - 1/4 Mode

Pilot Management Round Management Race Management RTM Debug FSA Debug Tag R/W

QUALIFICATION ROUND

Number of Pilots per Group: 4

Add Pilots to Qualification Round

1/4 ROUND

Add Pilots to 1/4 round

SEMI FINAL

Add Pilots to Semi Final

FINAL

Add Pilots to Final Round

Group A Group B Group C Group D Group E Group F Group G Group H Group I Group J Group K Group L Group M Group N Group O

Name Nickname Team TAG ID E-Mail

Draw for 1/4th final round

Race 1	Placed 1	Placed 5	Placed 9	Placed 13
Race 2	Placed 4	Placed 8	Placed 12	Placed 16
Race 3	Placed 3	Placed 7	Placed 11	Placed 15
Race 4	Placed 2	Placed 6	Placed 10	Placed 14

4 pilots per group
(Scenario A, B or C)

SMALL FINAL	4 th semi 1
	3 rd semi 1
	3 rd semi 2
	4 th semi 2
FINAL	2 nd semi 1
	1 st semi 1
	2 nd semi 2

Semi-final round	
Semi 1	2 nd race 1
	1 st race 1
	1 st race 2
Semi 2	2 nd race 2
	2 nd race 2
	1 st race 3
	1 st race 4
	2 nd race 4

IMPORTANT NOTE:

In the qualification tab we maintain the groups, but after the qualification we change the groups name and id to Race 1, Race 2, ..., Semi 1, Semi 2, Small final, final

9 - 1/8 Mode

USE THE 26 LETTER OF THE ALPHABET FOR THE GROUPS THIS ALLOW TO A MAX OF 104 PILOTS IN A 4 PILOTS PER GROUPS SITUATION

Pilot ManagementRound ManagementRace ManagementRTM DebugFSA DebugTag R/W

QUALIFICATION ROUND

Number of Pilots per Group4

Add Pilots to Qualification Round

Group AGroup BGroup CGroup DGroup EGroup FGroup GGroup HGroup IGroup JGroup KGroup LGroup MGroup NGroup O

Name	Nickname	Team	TAG ID	E-Mail
------	----------	------	--------	--------

RENAME THIS TO "1/8 ROUND"

ADD 8 RACES
1, 2, 3, 4, 5, 6, 7, 8

1 / 4 ROUND

Add Pilots to 1/4 round

Group AGroup BGroup CGroup D

Name	Nickname	Team	TAG ID	E-Mail
------	----------	------	--------	--------

POPULATE THE NEW GROUP USING THE AvgTop3RankingItem

Draw for 1/8 th final round				
Race 1	Placed 1	Placed 9	Placed 17	Placed 25
Race 2	Placed 8	Placed 16	Placed 24	Placed 32
Race 3	Placed 6	Placed 14	Placed 22	Placed 30
Race 4	Placed 4	Placed 12	Placed 20	Placed 28
Race 5	Placed 3	Placed 11	Placed 19	Placed 27
Race 6	Placed 5	Placed 13	Placed 21	Placed 29
Race 7	Placed 7	Placed 15	Placed 23	Placed 31
Race 8	Placed 2	Placed 10	Placed 18	Placed 26

RENAME TO
RACE 13, 14, 15, 16

1 / 4 ROUND

Add Pilots to 1/4 round

Group AGroup BGroup CGroup D

Name	Nickname	Team	TAG ID	E-Mail
------	----------	------	--------	--------

POPULATE THE 1/4 ROUND USING THIS

1/4 th final round	
Race 13	2 nd race 1
	1 st race 1
	1 st race 2
	2 nd race 2
Race 14	2 nd race 3
	1 st race 3
	1 st race 4
	2 nd race 4
Race 15	2 nd race 5
	1 st race 5
	1 st race 6
	2 nd race 6
Race 16	2 nd race 7
	1 st race 7
	1 st race 8
	2 nd race 8

RENAME TO
Semi 1 and Semi 2

SEMI FINAL	Group A Group B				
	Name	Nickname	Team	TAG ID	E-Mail
Add Pilots to Semi Final					

Semi-final round

POPULATE THE SEMI FINAL ROUND
USING THIS

RENAME TO
Small Final and Final

Semi 1	2 nd race 13
	1 st race 13
	1 st race 14
	2 nd race 14
Semi 2	2 nd race 15
	1 st race 15
	1 st race 16
	2 nd race 16

SEMI FINAL	Group A Group B				
	Name	Nickname	Team	TAG ID	E-Mail
Add Pilots to Semi Final					

4 pilots per group
(Scenario A, B or C)

POPULATE THE SEMI FINAL ROUND
USING THIS

SMALL FINAL	4 th semi 1
	3 rd semi 1
	3 rd semi 2
	4 th semi 2
FINAL	2 nd semi 1
	1 st semi 1
	1 st semi 2
	2 nd semi 2

10 - New interface with video overlay (work in progress)

	#	Name	TAG ID	ID Count	RSS	Freq	LAP1	LAP2	LAP3	Time Diff	Best Lap	Average	Avg Speed, m/s	Laps	Distance	Penalt
	1	Alexandre Lopes	01	0			0:00:05.354	0:00:10.354	0:00:09.354	-0:00:01	0:00:05.354	0:00:08.354		3		
	2	Daniel Martins	02	0			0:00:15.354	0:00:08.354	0:00:05.354	-0:00:03	0:00:05.354	0:00:09.687		3		
▶	3	Helder Napolião	03	0			0:00:25.354	0:00:05.354	0:00:08.354	0:00:03	0:00:05.354	0:00:13.021		3		
	4	Alexandre Falcão	04	0			0:00:10.354	0:00:05.354	0:00:18.354	0:00:13	0:00:05.354	0:00:11.354		3		

New Field position

Create a json file to interact with OBS the objective is to create an overlay in html for the current race, using the items:

Example: <https://youtu.be/ZMJpKGmxdB0?t=295>

- Position - Name – Lap – Best lap

And

Round and Group

