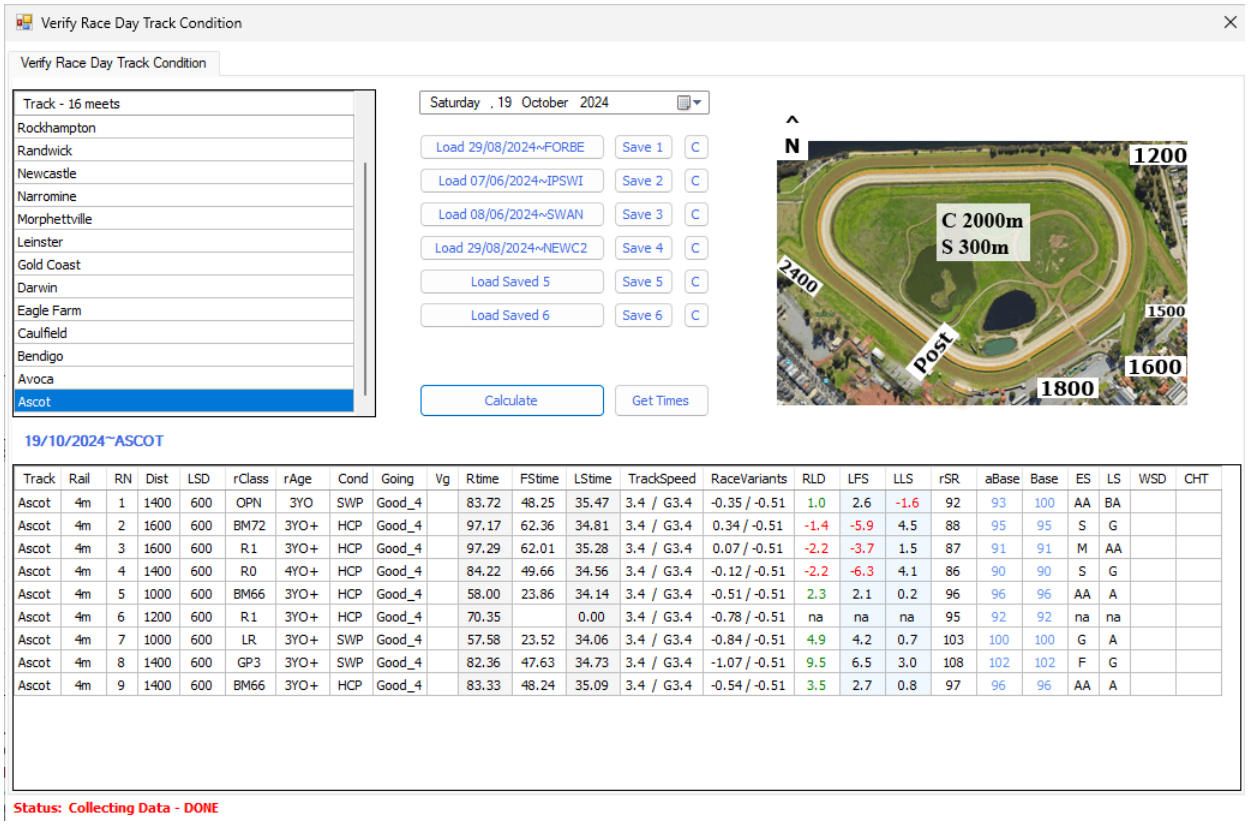
Verify Race Day Track Condition

The purpose of this module is to verify any discrepancies in the official track condition on race day. Clients simply need to enter the official overall time and/or last sectional times. Axis will then calculate the track speed for each race based on the provided data and compare it against our algorithms to determine an accurate track speed. Additionally, the module calculates speed rating variables based on the supplied times, providing further insights into race performance.



Track	Rail	RN	Dist	LSD	rClass	rAge	Cond	Going	Vg	Rtime	FStime	LStime	TrackSpeed	RaceVariants	RLD	LFS	LLS	rSR	aBase	Base	ES	LS	WSD	CHT
Ascot	4m	1	1400	600	OPN	3YO	SWP	Good_4		83.72	48.25	35.47	3.4 / G3.4	-0.35 / -0.51	1.0	2.6	-1.6	92	93	100	AA	BA		
Ascot	4m	2	1600	600	BM72	3YO+	HCP	Good_4		97.17	62.36	34.81	3.4 / G3.4	0.34 / -0.51	-1.4	-5.9	4.5	88	95	95	S	G		
Ascot	4m	3	1600	600	R1	3YO+	HCP	Good_4		97.29	62.01	35.28	3.4 / G3.4	0.07 / -0.51	-2.2	-3.7	1.5	87	91	91	M	AA		
Ascot	4m	4	1400	600	R0	4YO+	HCP	Good_4		84.22	49.66	34.56	3.4 / G3.4	-0.12 / -0.51	-2.2	-6.3	4.1	86	90	90	S	G		
Ascot	4m	5	1000	600	BM66	3YO+	HCP	Good_4		58.00	23.86	34.14	3.4 / G3.4	-0.51 / -0.51	2.3	2.1	0.2	96	96	96	AA	A		
Ascot	4m	6	1200	600	R1	3YO+	HCP	Good_4		70.35		0.00	3.4 / G3.4	-0.78 / -0.51	na	na	na	95	92	92	na	na		
Ascot	4m	7	1000	600	LR	3YO+	SWP	Good_4		57.58	23.52	34.06	3.4 / G3.4	-0.84 / -0.51	4.9	4.2	0.7	103	100	100	G	A		
Ascot	4m	8	1400	600	GP3	3YO+	SWP	Good_4		82.36	47.63	34.73	3.4 / G3.4	-1.07 / -0.51	9.5	6.5	3.0	108	102	102	F	G		
Ascot	4m	9	1400	600	BM66	3YO+	HCP	Good_4		83.33	48.24	35.09	3.4 / G3.4	-0.54 / -0.51	3.5	2.7	0.8	97	96	96	AA	A		

By comparing the official track condition with Axis's preliminary track speed, clients can quickly view the eRS (early race speed) at a glance. This helps in accurately identifying any potential track bias, rather than relying solely on visual judgment.

Note: The program uses the times entered by the user or received automatically to assess the track condition based on race time pars. Extremely fast or slow races on a given day may distort the results for individual races. The accuracy improves with a larger number of results, so it is important to focus on overall trends rather than isolated race outcomes.

Using the module

To access this module, use the right-click menus in the RDP and Pro function race grids. Select a race from the meeting, then right-click and choose 'Verify Race Day Track Condition'. Alternatively, you can access it from the ADMIN tab by navigating to the PROGRAM FUNCTIONS tab, where you can open the module from the list of available functions.

If the module is opened via a right-click menu, the selected day and all its meetings will automatically load into the meeting selection grid, and the chosen meeting will be pre-loaded in the main Race Grid when the Verify TC module opens. You can also use the date picker to select any day, and the program will load all the meetings from that day for you to choose from.

Verifying Track Condition

To verify the track condition, enter the race times into the 'Rtime' (Race Time) and 'LS Time' (Last Sectional Time) columns for a race, then press the 'Calculate' button. Most of the time you can sidestep this and press the 'Get Times' button. While it is not mandatory to input the last sectional (last 600m) time for verifying track condition, providing it enables the program to calculate both the Race Speed and sectional ratings.

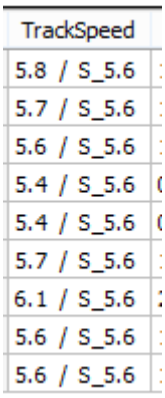
Adjusting Input Data

In some cases, it may be necessary to adjust the input data due to changes in race distance, evolving track conditions, and other factors. The user can manually edit the race and last sectional distances directly within the grid.

The data entered will then be used to calculate the actual variant for the entire meeting. Naturally, the accuracy of this variant improves as more race results are added.

Track Speed column

The **Track Speed** column represents our calculated 'Track Condition'. We use the term **Track Speed** because several factors beyond the simple penetrometer reading—such as wind, grass length, and other variables—often influence how a track performs.



This column displays the individual Race Track Speeds. Additionally, if the **'Use Meeting Variant'** option is enabled, the overall meeting variant will be shown alongside each race's speed.

Since a track 'condition' can encompass a range of values (e.g., a **Slow 5** might be on the higher, lower, or middle end of the scale), Axis provides more precise details by expressing Track Speeds to one decimal place. For instance:

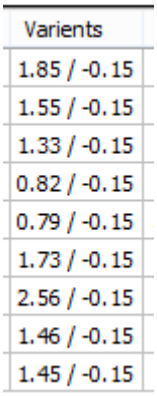
- A **Track Speed** of **5.4** indicates a **Slow 5** on the faster side.
- A **Track Speed** of **5.8** indicates a **Slow 5** on the slower side.

The meeting variant is displayed as a full value, such as **S_5.6**, providing a finer level of detail for better analysis.

Variants column

This feature provides additional insights about the race by displaying two key values:

1. **Actual Race Variant**: This is calculated by comparing the class of the race against the par time, giving an accurate measure of the race's performance relative to expectations.
2. **Average Variant**: This value is derived either from the predefined track condition setting or from calculations made in Meet mode. It represents the overall trend for the meeting.



Varients
1.85 / -0.15
1.55 / -0.15
1.33 / -0.15
0.82 / -0.15
0.79 / -0.15
1.73 / -0.15
2.56 / -0.15
1.46 / -0.15
1.45 / -0.15

By reviewing the individual variants of each race, you gain a clearer understanding of the likely track condition and deeper insights into the specifics of each race. This helps to identify patterns and anomalies, enhancing your analysis and decision-making.

urSR column

While our Ratings are subject to various calculations and smoothing algorithms, ‘Unadjusted Race Speed Rating’ column provides raw Speed rating. This is a product of simple race Time and Track Distance Par conversion.

RLD column

This is a directly equivalent to the Relative Lengths Difference you see in all past data modules.

The urSR and RLD columns are displayed based on the client's setting for the "Adjust Class Sectional Ratings" switch. If the setting is enabled, both columns are shown to display the urSR and the class-adjusted RLD. If the RLD is not class-adjusted, then both values will be the same.

If there is no Last Sectional value, the RLD cannot be calculated, so the column is removed, and only the urSR is displayed instead.

Vg Column

The Variant Group column allows clients to fine-tune the meeting's Track Speed by splitting the meeting into multiple variant groups, each with its own track speed and variant. You can separate one or more races into different groups, which is particularly useful if the track conditions have changed during the meeting. For example, you can split the meeting by assigning group "A" to races 1-4 and group "B" to the remaining races, effectively dividing the meeting into two or more distinct groups.

CHT Column

This feature enables the program to obtain a Chute par for tracks where the same race distance can start from both the main course and a Chute regularly. Pakenham 1200m is an example of such a track and distance. These variations are poorly advertised, often substituted ad hoc, and schedules are frequently disregarded. As a result, the Chute par can only be assigned manually after the races. By entering 'Y' in the race row cell, clients can ensure the race is calculated using the correct par value.

Early Speed and Late Speed columns

Are provided as a alphanumeric speed description of the calculated values.

Saving a meeting data is possible using the Save buttons. Clients can save up to 6 meetings to preserve the time and settings they typed in. Press the Save button corresponding to the 'slot' you want to save the meeting in. The content of each slot is displayed in the Load buttons. You can load any of the saved meetings at any time. To clear a slot, press the 'C' button.

Controls

The controls of the Verify TC modules are explained below:

- Date Picker allows clients to select any day they wish. If the database contains any meetings on that day, they will be displayed in the Meetings grid. Selecting a meeting in the grid will display the meeting's races in the Races grid.
- Load buttons allow clients to display meetings that were saved. This can be done regardless of the day loaded. The buttons show the meeting available in the slot.
- Save buttons allow clients to save the current meeting in the Races grid. By selecting one of the buttons, the data is saved to the corresponding slot.
- Clear buttons can be used to clear the content of a saved slot. It is unnecessary to do this to save data, as it will be replaced, however, it may be of benefit for clients to be able to clear the data.
- Get Times button does the obvious task of obtaining the official times available during the race day. Although you can always enter this yourself.
- Calculate button will use the information in the Race grid to calculate the Verified TC, race speed, race rating and both first and last sectional ratings.