

HTR Glossary of Terms and Symbols

Updated June 1, 2004

Terms

1. **ACL** - The Average Class Level is the average of the last 3 races Strength of Race (**SOR**) ratings.
2. **AG** - This abbreviation indicates the age and the sex the horse. i.e. 5g = Five year old gelding.
3. **A/P** - Average Pace velocity rating/rank, formula depends on route or sprint. Key overall velocity measurement.
4. **Att** - "Attack" rating on the IMPACT screen for the true turn time. Different measure than traditional "turn time" or Fr2.
5. **BL** - Beaten Lengths abbreviation.
6. **Bo/Bx** - Blinkers On / Off.
7. **C90** - Best Cramer speed figure the horse has earned in the last 90 days.
8. **Ch** - A column header listed to note changes in equipment or medication.
9. **CLCH** - Class change as reflected by subtracting the Strength of Race (**SOR**) of the horse's last race and today's Estimated Performance Rating (**EPR**).
10. **Edif** - a unit difference between the fastest first-fraction as determined on the IMPACT screen.
11. **EEN** or (early) **ENERGY**. The percentage of energy expended by the horse at second call. Relates the ratio of unrecoverable energy that a horse expends: 2nd call / final fraction.
12. **EPR** - Estimated Performance Rating is an attempt to accurately predict the strength of today's race based on the quality of the entrants. This rating is used to replace the static PAR or LEVEL concept.
13. **E/P** - Early Pace velocity rating/rank from the start of the race to the second call.
14. **Eq** - Indicates the changes in equipment that the horse may have added or removed since its last race.
15. **Esp** - On the IMPACT screen this is the rating given to the horses' effort in the race's first fraction.
16. **Ev** - Same as **FR1**. Column header for "Early". Indicates probable early speed hierarchy in the race.
17. **FR1** - The first fraction velocity rating/rank for the horse. This is based on the fully adjusted feet-per-second computations. Key longshot indicator. See "Notes" below.
18. **FR2** - The second fraction velocity rating/rank for the individual horse. This is a fully adjusted feet-per-second velocity rating from 1st call to the 2nd call. Also known as "turn-time".
19. **FR3** - The third or final fraction velocity rating/rank.
20. **FTS** - First Time Starter, first lifetime start.
21. **F/X** - The average of the first and third fraction velocity rating/rank.
22. **GL8** - Number of 'good' races in the last 8 starts. "Good" = defined by William Quirin in his books.
23. **Jky** - Jockey rating based on overall performance last 365-days. Rating > 350 = a top rider.
24. **(K)** rating/rank - comprehensive power rating and high-percentage contender selector.
25. **Key** - Indicates a "key" or highly rated race run in last outing. Found only on the [TLC] screen.
26. **LAY** - An abbreviation for "Layoff" - the number days since the horse has last raced.
27. **Live** - Update to the Quirin "good" race concept. An indication of the number of efforts in recent starts that the performance was deemed a "solid try". i.e. 5/9= five solid efforts last 9 starts.
28. **L/P** - The average of the second and third fraction represented velocity rating/rank.
29. **Lv** - Same as **L/P**, used as column header for noting the "Late" rank of the field.
30. **Lx, L1, L2**. Lasix indicators; **L1** = First time Lasix user; **L2** = Second start on Lasix.
31. **MLO** - An abbreviation for the official track Morning Line Odds.
32. **nVEL** - See **VEL**. n= number or rating
33. **PAC** - A fully adjusted whole number Pace rating based on the second call of the race.
34. **PED** - Pedigree rating/rank based on sire + dam-sire records at today's distance and surface.

35. **PER** - Performance rating/rank. A fully adjusted whole number rating based on full race effort in Quirin style format.
36. **Post Time** - Shown in all screen headers in local time after the user has set the option for time zone.
37. **Pn** - Program number. The horse's actual saddlecloth betting number.
38. **PP** - The assigned post position in the starting gate the horse will break from.
39. **Prb** - The probability that a specific horse will win today's race shown as a percentage.
40. **Pscan** - Performance Scan. Fixed estimate of performance based on last 4 efforts.
41. **Qp** - Quirin Speed Points the horse has earned from its last four starts - an estimate of early speed potential for today's race. +8 is the highest rating (horse always goes to the lead) and zero is the low (horse never shows early speed). A blank in this factor indicates insufficient data.
42. **Qp%** - Quirin speed point percentage. Indicates the percentage of all the Quirin Early Speed Points in today's race for one horse.
43. **QT3** - Quirin Top-3 speed points. The total of the top three horses in today's field in terms of their Quirin Early Speed Points. Shown in all report headers. A total of 20 or higher may be indicative of pressured early speed.
44. **RES** - The rating for the stretch call (last 1/8 mile) on the IMPACT screen.
45. **RP** - Race Position abbreviation and estimate of early race placement.
46. **RS** - The Running Style of the horse as determined by the HTR program: "F" = Front; "E" = Early; "P" = Pressure or Stalker; "S" = Sustained or mid-pack to rear runner; "R" = rear runner, deep closer.
47. **rtg** or **r** - column header for "rating"
48. **SOR** - Strength of Race, used to rate the quality of a race from a class/performance perspective.
49. **S/P** - Sustained Pace velocity rating. The average of the E/P and final fraction.
50. **Tan** - Tandem race indicator (horses that have competed against each other in their last start).
51. **T&J** - Trainer and Jockey win percentage together, last 365-days.
52. **Tri30** - Trainer Last 30-day wins / starts.
53. **TRN** = Trainer rating based on overall results last 365-days. A rating > 400 = "super trainer".
54. **VBET** - Value bet odds line for the individual horse in today's race based on the probability%.
55. **VEL** - Overall weighted consensus of the five compounded velocity ratings: E/P, A/P, S/P, F/X, L/P.
56. **Vi** - Volatility Index ranges from 15-50. The lower the number, the less likely the favorite will win the race and greater the likelihood of a longshot or chaotic outcome. 30-34 is the average range. A high Vi indicates the greater probability that the race will be won by the favorites. The Vi is computed for each race in the top header of all reports.
57. **Wgt** - Indicates the weight carried by the horse in today's race. Weight history is shown in the [FIG2] past-performance lines to the far right.
58. **Wk** or **Wks** - Workout rating or score. An HTR exclusive that quantifies the work/activity pattern. A rating of 80 or higher is considered good; 85 - 99 reveals excellent pattern of fitness.
59. **1cT, 2cT, FinT** - On the Velocity screen, the projected time a horse will run the first/second/final call times based on the velocity ratings and today's fractional segments.

Symbols

1. (#) Primarily used to indicate a change in trainer or jockey from the last race.
2. (*) Generally indicates a top rating in the particular factor or a flag to grab user attention.
3. (+) Strong positive indicator with several meanings depending on the context of the report, generally means an exceptional or high value number.
4. (%) [if not used as standard percentage indicator] - flags a significant class change since the last race. For example, a drop from Allowance to Claiming or Maiden Special to Maiden Claiming.
5. (\$) A single longshot indicator - one factor is present that portends a high-priced winner.
6. (\$\$) A double strength longshot indicator - two or more factors present.

Misc. Screens / Reports / Buttons

[BIAS] [Track Bias] - Statistics for track profile, running positions and post-positions. Requires download of the 30day or 1yr Track Profile files.

[Trn] - Comprehensive Trainer Report, requires separate file download. Detailed trainer stats.

[Chart] - Result Chart view. Requires separate download.

[Longshot] [Post-Time] - Prints a list of potential longshot plays for the day in two styles.

[FIG1] [FIG2] - Past performances highlighting speed figures in 'sheets' style (low numbers best).

[PPQ] - Displays past-performances with Quirin style Pace and Performance ratings.

[PGM] - Standard facts of the race with various ratings and rankings and sorted by the (K).

[Card] - The entire card with (K)-ranks.

[TLC] - Comprehensive report brings together several reports into 1-page/race report.

[KM] - Quick overview designed to find "live longshots"

[HTR] - Consensus of various diverse rankings.

[VEL] - Detailed look at the feet-per-second pace and velocity ratings.

[PP1] [PP2] - Standard past-performances with fractional info and Cramer speed figs.

[HST] [PED] [T+J] - Reports specific to horse-history, pedigree, trainer + jockey statistics.

Notes

- The **EPR**, **SOR**, **PAC** and **PER** are congruent to each other and based on the "Quirin style" figures. The **EPR** (estimated performance rating) is found in the top header of every report. The **SOR** (strength of race) is located in the past-performance screens next to the class description. The **PAC** (pace rating) and **PER** (performance rating) are available for every past-performance line in the **[PPQ]** screen -- the race ratings are shown to the left, the horse's own ratings on the right next to its finish.
- Velocity feet-per-second (fps) ratings such as Fr1 and A/P, and the (K) rating can change according to the PL-mode chosen (see below). This happens because the calculations are based on the selected running lines.
- Velocity calls - Sprint races: Fr1 = 2f; E/P = 4f; Routes: Fr1 = 4f; E/P= 6f
- Rankings: 1= top ranked, usually designated by a (*); 9= lowest or worse rank in field.
- All ratings and figures in HTR2 are "fully adjusted" which refers to computing: 1) daily track variant; 2) track to track adjustment; 3) distance and surface adjustment.
- Automatic paceline selection methods. **PL-1** = selects last line only. **PL-2** = best effort last 3 starts. **PL-3** = selects best two of last three lines. **PL-4** = picks the best effort at today's surface and approximate distance in the last 6-months (if no qualifying line - blanked). **PL-5** = artificial intelligence method that seeks to choose one or two lines based on today's probably pace match up. **PL-0** is the user choice and manual selection method. A "#" by the date marks the chosen line in the PP screens.