

HTR2 Upgrade July 2006 – Summary Sheet

Introduction

HTR2 software has a significant major upgrade -- July 2006. While most of the data methodology and algorithms remains the same for popular factors, there are some new items and even some brand new screens and a little touch up on almost everything.

We are making the HTR2 program available with two file names.

HTR2.EXE

HTR2006.EXE

This is being done to avoid the common problems with Windows XP download overwrites. If you are unable to get the update by over-writing with HTR2.exe, download the HTR2006.EXE file into your HTR folder and create a new shortcut to run it. There is no conflict with having both and they are exactly the same program.

New Stuff

Added new items throughout the Program (see below)

Robot Tester

The Robot has undergone a major league overhaul. There are dozens of new bells and whistles, new filters, options and output. The "[Robot User Guide](#)" a 13-page PDF booklet has the full scoop. It is a must read for anyone wanting to research with HTR2.

TPG Rating

Great new assessment of trainer intention and success. Based on the Trainer Stats file – read all about this new rating in the PDF "[TPG Rating Info](#)".

PPX – past-performances.

Pulls data from previous HTR Racefiles so you can compare critical ratings (PED, JKY, TRN, WK, etc) from the past. The PPX is an entirely fresh approach to viewing past-performances. Read the "[PPX User Guide](#)".

FIG1 – a slightly experimental update to the standard 'sheets' output with adjustments for weight and possibly trip including ½ point variance.

FIG3 – the DFIGS, an idea proposed by Donnie Nadermann, the graph numbers are based on pace (PAC figures) rather than speed figures.

KM – everything designed on this screen gets my attention for live longshots identification. Read the "[HTR USER GUIDE](#)" pdf for all the details.

TLC – expanded workout information in section II

Auto-Downloader

Did some repairs on this screen and now it should work as expected with the "Select Tracks" option. Additionally, new tracks were added to the lists. Using the auto-downloader from within the software (look for the "Download" button under the 'eye' when you first load HTR2) avoids the limitations and slow wait times on our Internet members site.

Export – new items added to HX4, HX5 and HXV. See below.

New Stuff – July 2006 Update

- Also-Eligible: notated between the horse's program number and post-position on the PRGM and other screens. The (A) for also-eligible and (M) main track also-eligible (the horse will run only if the race is shifted from the turf to the dirt). The overwhelming majority of these horses are scratched. The notation will not appear on the screen after the results are in.
- Temporary Turf Rail Position: sometimes the inside of the turf course is protected from over use by placing a temporary plastic rail up several feet from the inside. The number of feet out from the rail is now notated in some PP screens in the track condition location (next to the Distance). Example: 9.0T "R22" = 9-furlong turf race had a rail-out 22 feet. When the temporary rail is used, the circumference of the course changes – often causing tighter turns and unusual timing.
- Poly and Artificial Track: the artificial surface is now notated throughout HTR when referencing the surface. The "A" is used, i.e. "6.0A" = a six furlong race run on the poly/synthetic track.
- OFF Turf: if the race was taken off the turf due to wet weather the PP screens now notate this with an "x" next to the distance, i.e. "x8.5w" = a race moved from the turf. Many horses are "stuck" in these races – meaning they were entered to run on grass but were denied the scratch in order to keep the race filled – and can be excused for a bad effort.
- WINF (see below)
- FT Rating for First Route (see below)
- H4C – Horse for Course rating found only on the KM Screen (HTR User Guide)
- TPG Rating (PDF report)
- PPX Screen (PDF report)
- Robot (PDF booklet)
- Export (see changes below)
- Other Screens (HTR User Guide or Update Summary Sheet)

WINF

The WINF or "winning effort" is as an actual win or an all out effort that came up just short of the victory. This differs from the "Live" race designation because the WINF race is usually a maximum performance by the horse. The 'cross' symbol marks these efforts in the Past-Performance screens to the trip note. The Robot has the item for testing from the horse's last start. HX4 adds this item to the output. HX5 has the full pp history. The 'cross' symbol also appears on the PP screens in front of the trip note WINF from each race.

The WINF has many implications that are important to analysis. These horses are typically over bet based on the 'sharp' last race and strong speed figure they receive. Many will run well again and are in excellent condition and unbeatable, others will 'bounce' or run poorly. Either way, they are the horses that attract the most attention from the public.

FT (nFT)

The FT rating has been expanded to include horses making their first start in a route ($\geq 8.0f$). The FT rating is assigned to any of the following horses now and combines them if applicable →

- Debut (FTS)
- First Start on Dirt
- First Lifetime Start on Turf
- First Lifetime Start in a Route (8.0f +)

Export Changes and Additions

All export functions will now output additional nSURF (surface) and nTDS (today's dist/surf category) for the artificial (i.e. Poly) surface. In addition HX4 and HX5 contain nCOURSE for separating "Inner".

All HX Output / Addition to Surface and DS fields

nSURF = 4: Artificial or Poly surface

nGL8 has been removed from throughout HTR2 and the export. This field will now export 'Lifetime Wins' in Field 36 in HX1,2,3 with no header change. HX4 changes the header for field 36 to **nLWINS**.

HX4 Additions/Changes

Field 36 nLWINS Lifetime wins

Integer (>0) = Lifetime Wins

0 = still a maiden

Field 159 nCOURSE Course Type for this race

1= Main Dirt

2= Main Turf

3= Inner Dirt

4= Inner Turf

5= Artificial Surface – Main Course

0= Unknown or other (such as Steeplechase)

Field 160 nLWINF Ran a *winning effort* last out

1 = ran a *winning effort* (see explanation) in its prior race

0 = raced, but did not run a *winning effort*

-1 = no race or data

Field 161 tTPG (text) Trainer Power Grade from Trainer Stats Download

Letter Grade and +/- Suffix (i.e. "B+")

"N" = insufficient data on trainer or no data file available

If the matching trainer file was not available during export, this field lists "N" for all horses.

Field 162 nLTOP PAC and/or PER "tops" run last out; minimum 2-lifetime starts

1 = ran PAC top last out

2 = ran PER top last out

3 = ran both a PAC and PER top last out

0 = ran a race, but did not have a "top" or has just one lifetime start

-1 = no race or no data

note: fields 163-168 below were previously found in HX5, same output here, min 2 starts

Field 163 nTOPPAC high PAC figure from last 10 PPs

Field 164 nTOPPER high PER figure from last 10 PPs

Field 165 nTOPSHF high Cramer 'sheet' figure from last 10 PPs

Field 166 nTOPPACAGO number of days ago the top PAC figure was run

Field 167 nTOPPERAGO number of days ago the top PER figure was run

Field 168 nTOPSHFAGO number of days ago the top Cramer 'sheet' fig was run

(All above) 0 = no data or output not applicable to this horse

Field 169 tOWNER Name of owner (from Trainer Stat File), 25 char truncation.

Blank = no Trainer File found

Export Changes and Additions

HX5 Additions/Changes

Field 41-50 nPPxSUR (surface code) addition of Artificial/Poly designation

- 1 = Fast Dirt
- 2 = Turf
- 3 = Wet Dirt
- 4 = Artificial Surface (Poly Track, etc.)

Field 61-70 nPPxSOR

Field name (header) change only – previous was: nPARx

Field 131-140 nCOURSEx (Race Course Type)

- 1= Main Dirt
- 2= Main Turf
- 3= Inner Dirt
- 4= Inner Turf
- 5= Main Artificial/Poly
- 6= Other (such as Steeplechase)

Field 141-149 nWINFx replaces nLIVEx

- 1 = Horse ran a *winning effort* (not necessarily a Win but always a big effort)
- 0 = Horse ran, but it was not a *winning effort*
- 1 = No race

HXV Additions/Changes

Field 61-70 nPPxSOR

Field name (header) change only

Field 211 – 220 nCVARx Cramer Track Variant / adjusts raw Cramer speed rating

- Positive Integer = Track was Slow
- Negative (-) Integer = Track was Fast
- 999 = no variant or race
- e.g. (3) = the track was 3 points slow; (-6) = the track was six points fast
- note: this item is provided by Jim Cramer “as is” / KM cannot provide further info

Field 221-230 nTURFCHx Turf Race Changes

Temporary Turf Rail Position (‘dogs up’) – When Applicable – Grass Races Only
Also indicates OFF TURF when the race was scheduled for Turf but was moved off.

- Integer Value (>0) = number of feet the temporary rail was set out
- 0 = race was run on Turf but the rail was at zero (or there was no report)
- 999 = race was scheduled for Turf, but was taken off
- 1 = race was not scheduled or run on the Turf

Field 231-240 nDFIGx DFIG = (PAC – Cramer Fig); same as FIG3 screen but full decimal value

- Value > 0 = DFIG for the horse in that race, decimal portion included
- 0 = no race or no figure computed

Field 241-250 nPURSEx Purse of each PP race (x \$1000)

- Integer Value = Purse of race x \$1000 (e.g. 37 = \$37,000; 1000 = \$1,000,000)
- 0 = no race or data

HTR 2006 Upgrade

Minimums and Maximums

I have reset the minimum and maximum values in HTR for several key factors. This was done to create a clear whole number range from top to bottom for display, robot and export. It has no little effect on factor computation or rank →

Factor	Min	Max	Robot Default	Export Max
(K)	050	115	090 - 115	115.4999
TRN	050	550	250 - 550	550
JKY	050	550	250 - 550	550
PED	090	990	300 - 990	990
WK	065*	095	080 - 095	95.4999
EPR	080	115	080 - 115	115
VI	15	50	Any	50

* Wk Score minimum is for non-zero values. Some horses will have Wk = 0 if they have no workouts or devoid of any recent work pattern to compute.

Robot Default refers to the Range Settings area and these values can be changed by the user to test any parameter within the minimum and maximum values.

