



RDSS Update - Version - 0.97.8 (February 14, 2008)

New Expiry Date

March 31, 2008

Bugs Corrected

1. Random crashes when clearing the Projected Pace times window have been corrected (hopefully).

Changes / Additions

1. I overhauled the RDSS Desktop, making the existing links into buttons with logos and generally having a party with graphics and colours, and an attempt at *branding* the software. Hope you like it! If you want to try changing the main background graphic image, look for `\rdss\images\RDSS_Desktop.gif` (1253 x 1029 pixels) and swap it for something else with the same file name. Let me know how that works!
2. Changed Configuration Settings window. I removed this window from the Data Center and put it back as its own standalone window. Access it via the Configure button on the RDSS Desktop, or the Toolbar icon, or the F3 key in most open race cards or other windows.

(please see the screenshot on the next page)

How to use Configuration Settings. The window is divided into roughly two sections. [The upper section](#) lets you control how the TrackMaster Daily Track Variant (DTV) and the Inter Track Variant (ITV) is used when adjusting raw running times. You also select Validator or Speculator mode here. [The lower section](#) (in the single Tab labeled Settings/Markups) gives you some control over use of colours and whether markups like Paceline Indicator, Layoff Interval and strong Position Gain are displayed.

[First of all, I don't recommend making ANY change to the default DTV and ITV settings!](#) These adjustments have been working well for over 10 years. If you think there are some scenarios which benefit by eliminating or mitigating the DTV range, or if you want to tinker with what the numbers look like without any ITV adjustments, here is where you can do that. These settings could be primarily useful to Match Up practitioners who seek confirmation from other factors based on raw, unadjusted times. You don't have to use these settings, and *caveat emptor* applies!

3. DTV is an expression of how much faster or slower than average (par) the final times were on a race day. Faster than average final times show as negative numbers and



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slower times as positive numbers (i.e. in the DTV column on the Original and Adjusted screens). Traditionally, Sartin Methodology software has used 50% of this variant in adjusting raw running times on the theory that a good measure of the fluctuations in final times is *not only* due to variations in weather or track moisture content, but rather due to the match up of competitors in races, pace scenarios and swings in competition levels throughout a racing week. If you wish to not use any DTV adjustment, select 'Don't use DTV'.

Configuration Settings

Configuration Settings

Daily Track Variant Settings

- Use 50% of DTV (recommended)
- Use 100% of DTV
- Don't Use DTV

Inter Track Variant Settings

- Use TrackMaster ITV (recommended)
- Don't Use TrackMaster ITV

Compatibility Mode

- Validator 4
- Speculator 160

Range of Daily Track Variant used in Adjustments

Minimum DTV: -50 | Maximum DTV: +50

-50 -25 0 0 +25 +50

<-- Faster Average Slower -->

Settings / Markups

- Show Paceline Indicator (good race against best POR)
Use: Unadjusted POR Adjusted POR
- Show Position Gains of 3+
- Use Rank Colors

Interval/Layoff Settings

- Show Days Since Today's Race
- Show Layoff Intervals
- Show Layoff/Interval Separator
30 | 60 | 90 | 180

Save & Close Restore Defaults Cancel

If you wish to mitigate the extremes of DTV (e.g. really fast, like -30 or really slow, like +30), you can set the minimum and maximum DTV slider settings to something which cuts off the worst extremes (e.g. set limits of -15 to +15). Doing that for example, would mean a -20 DTV will be treated as -15, then half of that (in the case of 50% DTV) would be applied to the raw running times, distributed over the 3 fractions at so many fractional seconds per DTV point. Thus fractional and final times are not overly penalized by really fast DTVs, or overly advantaged by really slow DTVs. (Note that



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setting the Min and Max DTV limits to 0 and 0 is the same thing as checking 'Don't use DTV'). Right now the Min and Max tolerances are -50 to +50 which should cover all DTV values.

4. Similarly, if you wish to create readouts with no ITV adjustments, check off 'Don't Use TrackMaster ITV' in the ITV settings box.

When you turn of DTV and ITV like this, the only adjustment left is a distance equalization formula based roughly on 6.2 to 6.4 tenth seconds per half furlong. In this case, adjusted call times and Velocities and all subsequent compound factors are based on raw (unadjusted) times and beaten lengths.

Again, the default settings are to leave things as they have always been. If you make changes, then wish to reinstate the Defaults, just click the **Restore Defaults** button. If you have any cards open when you change these settings, you will be notified that they must close before you can actually save the changed settings.

5. Also, if you wish to change modes from Validator to Speculator, you make that choice in the Compatibility Mode box. Unlike in previous versions, you now don't have to exit the software for any changes between Spec and Val modes, or any of the other new changes which affect adjustments or readout formulas: just open a new card and it is calculated with the changed settings.
6. The Settings/Markup section of the Configuration Settings Window enables and defines various markings, mostly on the Original screen.
7. Paceline Indicator: these are up to 3 small coloured boxes which can appear next to final times on the Original screen, indicating the 3 best pacelines from the point of view of top ranked Pace of Race Total Energy where the horse finished well or ran competitively, regardless of distance, surface or timeframe (remember the POR Total Energy is calculated from distance equalized lines).



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2 Back In The Money ch f 3 PP-2 M/L: 4

Original Adjusted Velocity Energy TPR + E/L Primary

Original Data E EP P SP S L

Intervals #	23	Dist	1st	2nd	Str	Fin	Age	Conditions	Br	1st	2nd	Str	Fin					
<input type="checkbox"/>	1	17	21Jan08	6Aqu	1 ft	6.0	:22 ⁶	:46 ¹	:58 ⁵	1:11 ⁷	3	CL	20	4	4 3.5	4 9	3 12	4 11
<input type="checkbox"/>	2	54	4Jan08	3Aqu	ft	6.0	:22 ⁷	:46 ²	:58 ⁵	1:11 ⁶	3	SH 50nw1x		2	5 1.7	8 13	8 18	8 15
<input type="checkbox"/>	3	20	11Nov07	10Crc	3 ft	6.5	:22 ⁶	:46 ¹	1:11 ⁶	1:18 ⁵	2	SH	25	2	1 hd	1 hd	2 5	4 4.8
<input type="checkbox"/>	4	11	22Oct07	6Crc	ft	6.5	:22 ⁵	:46 ¹	1:12 ³	1:19 ⁵	2	MC	25	4	1 5	1 2	1 3.5	1 8
<input type="checkbox"/>	5	21	11Oct07	6Crc	ft	7.0	:22 ⁴	:46 ³	1:12 ³	1:26 ³	-2	MC	25	3	1 hd	1 hd	3 6	2 8
<input type="checkbox"/>	6	25	20Sep07	1Crc	ft	5.0	:22 ⁷	:47 ⁵		1:01	2	MC	25	2	3 nk	3 1.1	4 2.1	3 4
<input type="checkbox"/>	7		26Aug07	6Crc	ft	6.5	:22 ³	:46 ³	1:12 ⁹	1:19 ⁵	2	MC	32	6	1 hd	2 5	8 8.2	8 19

You can choose to use unadjusted POR Total Energy as the basis of the Paceline Indicator formula (the default, and in keeping with a Match Up approach), or you can choose to use adjusted POR Total Energy, governed by the adjustment controls in the upper part of the Configuration Settings. So, the Paceline Indicator formula can be either raw or adjusted, and all the velocities and factor readouts can also be either raw or adjusted - and each independent of the other.

Use the Unadjusted POR or Adjusted POR buttons to choose how the Paceline Indicator is calculated:

Settings / Markups

Show Paceline Indicator (good race against best POR)

Use: Unadjusted POR Adjusted POR

Use the Paceline Indicator as a guideline to what the horse is capable of doing when in form. Use your own judgement as to whether a strong line from a surface other than today's is representative or not. I might fine tune the formula based on guidance from Jim Bradshaw and Richie.

PLEASE NOTE: This Paceline Indicator (PI) is NOT the same as the ranking produced on the Primary Screen in the Perceptor Total column, which is the ranked line-score of adjusted Primary Factor differentials. If that is what you have success with in picking representative lines for today's match up, please continue using that.

This PI is a *first attempt* at what will likely turn out to be a *collection* of automated paceline identification methods (e.g. last line, best raw or adjusted POR Total Energy, best of the last 3 same distance/surface, etc). Soon you will be able to allow the software to check these lines, according to method chosen, and present you with an initial collection of pre-selected lines in the Analysis screens for you to look at further.



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I'm curious to see what Match Up practitioners do with this little tool.

- Show Strong Moves. Check this setting to underline position gains of 3 or more between any 2 call points. This includes where a horse got the lead at the 2nd Call or Stretch call and extended his lead to the finish by 3 or more lengths over the rest of the field (a Big Finish). FYI, in future, I intend to add some further settings, configurable by the user, to refine how and when this Strong Move markup appears.

9 Downtown Victory													b 5		PP-9		M/L: 5/2							
Original Data													E		EP		P		SP		S		U	
Intervals #	20	Dist	1st	2nd	Str	Fin	Age	Conditions	Br	1st	2nd	Str	Fin	Odds	TrkMast	SR	DTV	Fld						
<input type="checkbox"/>	1	12	23Jan08	5Tam	gd	8.5	:24 ²	:48 ⁸	1:14	1:48 ²	4+	CL 8nw2l	1	1 hd	1 hd	1.5	3 2.4	1.7*	76	7	10			
<input type="checkbox"/>	2	14	11Jan08	2Tam ³	ft	8.0	:24 ⁴	:48 ⁵	1:13 ⁵	1:40 ⁵	4+	CL 8nw2l	1	3 1	3 1.6	4 1.1	2.8	3.3	68	-5	9			
<input type="checkbox"/>	3	17	28Dec07	8Tam ⁴	ft	8.5	:24 ⁵	:48 ⁵	1:13 ³	1:47 ²	3+	CL 10nw2l	6	6 5.7	8 8.1	5 5	3 6.3	4.5	59	-13	9			
<input type="checkbox"/>	4	17	11Dec07	2Tam ⁵	ft	8.5	:24 ⁴	:49	1:14 ¹	1:46 ⁹	3+	CL 8nw2l	10	4 2	3 2.5	3 5.5	3 1.1	2.9	65	-1	10			
<input type="checkbox"/>	5	17	24Nov07	3Hoo	ft	6.0	:22 ⁹	:46 ⁹	:59 ⁴	1:12 ⁹	3+	CL 10nw3l	2	6 3.7	7 4.8	8 4.3	7 5.8	12.0	67	-4	10			
<input type="checkbox"/>	6	12	7Nov07	2Hoo	ft	6.0	:22 ⁷	:46 ⁹	:59 ⁷	1:13 ¹	3+	CL 10nw2l	1	6 3.7	5 5.1	6 5.2	4 7.5	2.5*	61	-4	10			
<input type="checkbox"/>	7	13	26Oct07	3Hoo	my	6.0	:22 ⁷	:46 ²	:59	1:12 ⁸	3+	CL 10nw2l	6	4 3.5	4 4.5	4 3.5	3 3	3.2	67	-12	8			
<input type="checkbox"/>	8	14	13Oct07	3Hoo	ft	6.0	:22 ⁸	:46 ⁸	:59 ⁴	1:13 ⁴	3+	CL 10nw2l	5	4 3.1	4 4.1	4 4.5	2 2	2.5*	74	0	6			
<input type="checkbox"/>	9	14	29Sep07	8Hoo	ft	6.0	:22 ⁸	:46 ⁷	:59 ⁴	1:13 ²	3+	CL 10nw2l	2	4 2.5	5 4.8	5 4	2 8	6.4	79	0	9			
<input type="checkbox"/>	10	15Sep07	8Hoo	ft	6.0	:23 ¹	:47	:59 ⁷	1:13 ²	3+	AL 15nw2l	2	5 3.2	4 3.5	4 3.7	4 3.3	13.2	76	3	8				

- Use Rank Colors. Uncheck this setting if you do not want to see ranking colours on the various readouts.

9 Downtown Victory													b 5		PP-9		M/L: 5/2							
Original Data													E		EP		P		SP		S		U	
Intervals #	20	Dist	1st	2nd	Str	Fin	Age	Conditions	Br	1st	2nd	Str	Fin	Odds	TrkMast	SR	DTV	Fld						
<input type="checkbox"/>	1	12	23Jan08	5Tam	gd	8.5	:24 ²	:48 ⁸	1:14	1:48 ²	4+	CL 8nw2l	1	1 hd	1 hd	1.5	3 2.4	1.7*	76	7	10			
<input type="checkbox"/>	2	14	11Jan08	2Tam ³	ft	8.0	:24 ⁴	:48 ⁵	1:13 ⁵	1:40 ⁵	4+	CL 8nw2l	1	3 1	3 1.6	4 1.1	2.8	3.3	68	-5	9			
<input type="checkbox"/>	3	17	28Dec07	8Tam ⁴	ft	8.5	:24 ⁵	:48 ⁵	1:13 ³	1:47 ²	3+	CL 10nw2l	6	6 5.7	8 8.1	5 5	3 6.3	4.5	59	-13	9			
<input type="checkbox"/>	4	17	11Dec07	2Tam ⁵	ft	8.5	:24 ⁴	:49	1:14 ¹	1:46 ⁹	3+	CL 8nw2l	10	4 2	3 2.5	3 5.5	3 1.1	2.9	65	-1	10			
<input type="checkbox"/>	5	17	24Nov07	3Hoo	ft	6.0	:22 ⁹	:46 ⁹	:59 ⁴	1:12 ⁹	3+	CL 10nw3l	2	6 3.7	7 4.8	8 4.3	7 5.8	12.0	67	-4	10			
<input type="checkbox"/>	6	12	7Nov07	2Hoo	ft	6.0	:22 ⁷	:46 ⁹	:59 ⁷	1:13 ¹	3+	CL 10nw2l	1	6 3.7	5 5.1	6 5.2	4 7.5	2.5*	61	-4	10			
<input type="checkbox"/>	7	13	26Oct07	3Hoo	my	6.0	:22 ⁷	:46 ²	:59	1:12 ⁸	3+	CL 10nw2l	6	4 3.5	4 4.5	4 3.5	3 3	3.2	67	-12	8			
<input type="checkbox"/>	8	14	13Oct07	3Hoo	ft	6.0	:22 ⁸	:46 ⁸	:59 ⁴	1:13 ⁴	3+	CL 10nw2l	5	4 3.1	4 4.1	4 4.5	2 2	2.5*	74	0	6			
<input type="checkbox"/>	9	14	29Sep07	8Hoo	ft	6.0	:22 ⁸	:46 ⁷	:59 ⁴	1:13 ²	3+	CL 10nw2l	2	4 2.5	5 4.8	5 4	2 8	6.4	79	0	9			
<input type="checkbox"/>	10	15Sep07	8Hoo	ft	6.0	:23 ¹	:47	:59 ⁷	1:13 ²	3+	AL 15nw2l	2	5 3.2	4 3.5	4 3.7	4 3.3	13.2	76	3	8				



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10. Interval/Layoff Settings. On the Original screen, to the left of the race date, the column of numbers can show either the number of days since today, or the number of days since the previous race (aka Layoff interval). In the above example, the setting is Layoff Interval and we can see that this horse has raced remarkably consistently each 14 to 17 days, and that it was 20 days since its last race (the top number in the green header section). Though the Layoff/Interval Separator setting is checked, no layoff lines are displayed because the minimum Layoff interval is set at 30 days and this horse has never been away from the track for more than 30 days.

Interval/Layoff Settings

Show Days Since Today's Race

Show Layoff Intervals

Show Layoff/Interval Separator

30 60 90 180

You can set 4 intervals, each one appearing with a thicker separator line, per the following example:

6 Starlight Serenade														ch 7		PP-6		ML: 7/2							
Original														Adjusted		Velocity		Energy		TPR + E/L		Primary			
Original Data														E		EP		P		SP		S		U	
Intervals #	35	Dist	1st	2nd	Str	Fin	Age	Conditions	Br	1st	2nd	Str	Fin	Odds	TrkMast	SR	DTV	Fld							
1	79 ⁵	8Jan08	7Tam	fm	8.5	<u>24</u> ⁴	:49 ¹	1:12 ³	1:42 ⁴	4+	OC	62.5	2	4.2 ¹	5.1 ²	5.1 ²	2.1	6.4	91	-10	8				
2	36	21Oct07	2Crc	ft	8.0	:23 ⁵	:46 ³	1:12 ⁷	1:40 ⁴	3+	CL	c32	5	6.8 ²	3.4	2.5	2.1 ³	1.6*	87	-9	7				
3	16	15Sep07	5Crc	fm	8.5	<u>23</u> ⁴	:48 ⁵	1:12	1:41 ⁹	3+	OC	25nw2x	8	5.2 ²	4.2 ³	2.1 ⁵	1 nk	3.9	96	2	11				
4	12	30Aug07	5Crc	fm	8.5	<u>23</u> ⁵	:47 ⁵	1:10 ⁹	1:41 ³	3+	OC	25nw2x	6	3.1 ³	3.1 ¹	3.8 ⁵	2.4 ³	3.6	81	-13	9				
5	21	18Aug07	2Crc	gd	8.5	<u>23</u> ³	:47 ²	1:12 ²	1:43 ⁴	3+	CL	32	1	7.1 ³	10.5 ³	10.6 ³	9.7 ⁵	3.5	83	15	11				
6	22	28Jul07	10Crc	gd	10.0	:47 ⁸	1:13 ⁷	1:40 ⁵	2:06 ⁷	3+	SS	16	5	5.6 ¹	4.4 ⁵	1 hd	2.3	3.3	105	-4	9				
7	21	6Jul07	3Crc	ft	8.5	:24 ⁷	:49 ⁵	1:14 ⁷	1:46 ⁵	3+	SH	16	3	4.2 ³	3.2 ⁵	2.1 ⁵	2.1 ⁸	3.5	91	-11	7				
8	176	15Jun07	5Crc	10sy	8.5	:23 ³	:48 ³	1:13 ⁷	1:45 ⁹	3+	OC	16nw1x	3	5.3 ³	4.2 ¹	2.4	2.8	26.0	101	2	9				
9	18	21Dec06	4Crc	gd	8.5	<u>24</u> ⁸	:51 ³	1:15	1:44 ²	3+	SH	16	7	5.3 ³	4.3 ¹	3.2 ⁵	3.5 ³	2.5	80	12	7				
10		3Dec06	6Crc	fm	9.0	<u>48</u> ⁴	1:11 ⁹	1:36	1:48 ³	3+	OC	25nw2x	1	5.7 ³	8.4 ²	5.2 ²	2.1	9.3	92	-1	11				

Here we see that the horse has been laid off for 35 days, which is over our first Layoff interval of 30 days so a thin underline appears beneath it (in the green header). Next, we see that its last race occurred after a 79 day layoff, which is over our next Layoff interval of 60 days. Looking into the past, we see that it raced every 12 - 21 days between June 15 and September 15, but that it was off 176 days before June 15, which is over our next Layoff interval of 90 days, so an even thicker line appears.



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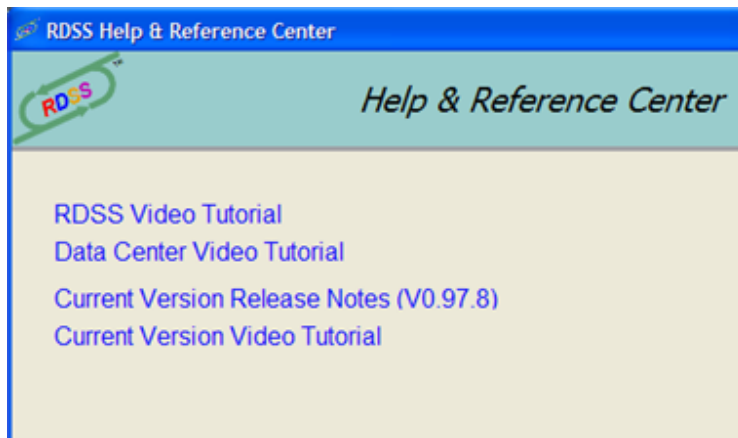
Here's how the same horse's Past Performances look if we select the (traditional) Days Since Last Race setting (but keep the Layoff markups, and the same interval settings):

6 Starlight Serenade																	ch 7	PP-6	M/L: 7/2														
Original																	Adjusted	Velocity	Energy	TPR + E/L	Primary												
Original Data																	E	EP	P	SP	S	U											
Days Ago	#	Dist	1st	2nd	Str	Fin	Age	Conditions	Br	1st	2nd	Str	Fin	Odds	TrkMast	SR	DTV	Fld															
35 ⁵	8Jan08	7Tam	fm	8.5	:24 ⁴	:49 ¹	1:12 ⁸	1:42 ⁴	4+	OC 62.5	2	4 2.1	5 1.2	5 1.2	2 1	6.4	91	-10	8														
114	21Oct07	2Crc	ft	8.0	:23 ⁵	:46 ⁸	1:12 ⁷	1:40 ⁴	3+	CL c32	5	6 8.2	3 4	2 5	2 1.3	1.6*	87	-9	7														
150	15Sep07	5Crc	fm	8.5	:23 ⁴	:48 ⁵	1:12	1:41 ⁹	3+	OC 25nw2x	8	5 2.2	4 2.6	2 1.5	1 nk	3.9	96	2	11														
166	30Aug07	5Crc	fm	8.5	:23 ⁵	:47 ⁵	1:10 ⁹	1:41 ³	3+	OC 25nw2x	6	3 13	3 11	3 8.5	2 4.3	3.6	81	-13	9														
178	18Aug07	2Crc	gd	8.5	:23 ³	:47 ²	1:12 ²	1:43 ⁴	3+	CL 32	1	7 13	10 5.3	10 8.3	9 7.5	3.5	83	15	11														
199	28Jul07	10Crc	8	gd	10.0	:47 ⁸	1:13 ⁷	1:40 ⁵	2:06 ⁷	3+ SS 16	5	5 8.1	4 4.5	1 hd	2 3	3.3	105	-4	9														
221	6Jul07	3Crc	ft	8.5	:24 ⁷	:49 ⁵	1:14 ⁷	1:46 ⁵	3+	SH 16	3	4 2.8	3 2.5	2 1.5	2 1.8	3.5	91	-11	7														
242	15Jun07	5Crc	10	sy	8.5	:23 ⁶	:48 ³	1:13 ⁷	1:45 ⁹	3+ OC 16nw1x	3	5 3.6	4 2.1	2 4	2 8	26.0	101	2	9														
418	21Dec06	4Crc	gd	8.5	:24 ⁸	:51 ³	1:15	1:44 ²	3+	SH 16	7	5 3.8	4 3.1	3 2.5	3 5.3	2.5	80	12	7														
436	3Dec06	6Crc	fm	9.0	:48 ⁴	1:11 ⁹	1:36	1:48 ³	3+	OC 25nw2x	1	5 7.8	8 4.2	5 2.2	2 1	9.3	92	-1	11														

11. Final Note about new Configuration Settings. Remember, if you make no changes to any of the above new Settings, RDSS will look and function much as it has done so far. Feel free to explore these new settings, but always use your current success records as a gauge when tinkering with what currently works for you.

Miscellaneous Other New Things

1. Help and Reference Center. Here is where I will add the general Help System, and links to online resources like Video Tutorials, Release Notes, Follow Up articles, interesting research reports submitted by users, etc. You can get this by the F1 key, or the Toolbar Icon, or the Help button on the RDSS Desktop.





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2. Reminder of Useful Keys. Found in the bottom of the Sidebar.

Useful Keys	
F1 -	Help
F2 -	Data Center
F3 -	Configure
F11 -	Sidebar
F12 -	Desktop

3. Equibase Mutuels Webpage. A link to the Equibase site for the Summary Results for a given race card now appear on the race card Summary screen. (Wait about 5 minutes after a race is complete). Please only use this link for current race dates - the mutuel results for a day are dropped after about 30 days.

Track	#	Dist	Surf	Type	Purse	Clm Amt	Age	Field	Class	Post Time
<input type="checkbox"/>	TAM	1	8.5	CL	11,600	12,500	3	8	67	12:25 pm
<input type="checkbox"/>	TAM	2	6.0	MC	8,600	8,000	4+	12	65	12:56 pm
<input type="checkbox"/>	TAM	3	7.0	CL	7,200	5,000	4+	12	88	1:23 pm
<input type="checkbox"/>	TAM	4	6.5	MC	11,000	12,500	3F	12	56	1:50 pm
<input type="checkbox"/>	TAM	5	8.5	CL	9,500	8,000	4+F	10	74	2:17 pm
<input type="checkbox"/>	TAM	6	8.2	CL	11,300	10,000	4+	9	76	2:44 pm
<input checked="" type="checkbox"/>	TAM	7	8.5	SH	20,000	16,000	4+	14	100	3:12 pm
<input type="checkbox"/>	TAM	8	8.5	CL	17,700	16,000	4+	7	95	3:40 pm
<input type="checkbox"/>	TAM	9	5.0	OC	20,400	32,000	4+F	14	95	4:07 pm
<input type="checkbox"/>	TAM	10	8.5	CL	10,400	6,250	4+F	9	79	4:34 pm

When the Result Charts portion of RDSS is ready (sometime soon...) these same mutuel results will *automatically* stream into RDSS and update your financial records and factor models on a real-time basis (i.e. not next day), if you subscribe to the PP+Results data package.



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That's all for now! If you have been using RDSS and have not yet taken the time to send me your feedback, commentary or critique, please digest these new additions, work some cards, then please do let me hear from you. That was part of the deal for doing pre-release testing, and the software becomes stronger for having many eyes and brains on the job.

Thank you all for your support.

Yours,

A handwritten signature in purple ink, appearing to read 'Ted Craven', with a stylized, cursive script.

Ted Craven

