

Frandsen Publishing  
CORPORATION

# ALL Ways™

COMPUTER HANDICAPPING  
SOFTWARE FOR PROFESSIONAL  
AND SERIOUS HORSEPLAYERS

VERSION 10.0

ALL-Ways Software for BRIS

**PROFESSIONAL EDITION  
AND  
STANDARD EDITION**

# USER MANUAL

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P.O. Box 1439  
Minnetonka, Minnesota 55345  
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**Phone:**  
952.937.9180

**E-Mail:**  
frandsen@qwest.net

**Web Site:**  
www.frandsen.com

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ALL  Ways™

# chapter 1

## **installing all-ways software on your computer**

Thank you and congratulations on becoming a member of our fast growing partnership of ALL-Ways handicappers!

You are about to embark on a wonderful journey as you learn and put into practice all the powerful handicapping tools contained in ALL-Ways software. We believe ALL-Ways is the most comprehensive thoroughbred horse race handicapping software ever developed for professional and serious horseplayers. Yet, as you will soon see, ALL-Ways is very easy to use.

We use the word “journey” very much on purpose. You will be able to handicap a full race card after spending just a few minutes with this manual. But that is only the beginning. As you use ALL-Ways, you will continually discover new capabilities and new ways that you can make ALL-Ways work best for you in your handicapping activities. ALL-Ways will give you many months and years of improving handicapping results as well as a whole lot of enjoyment.

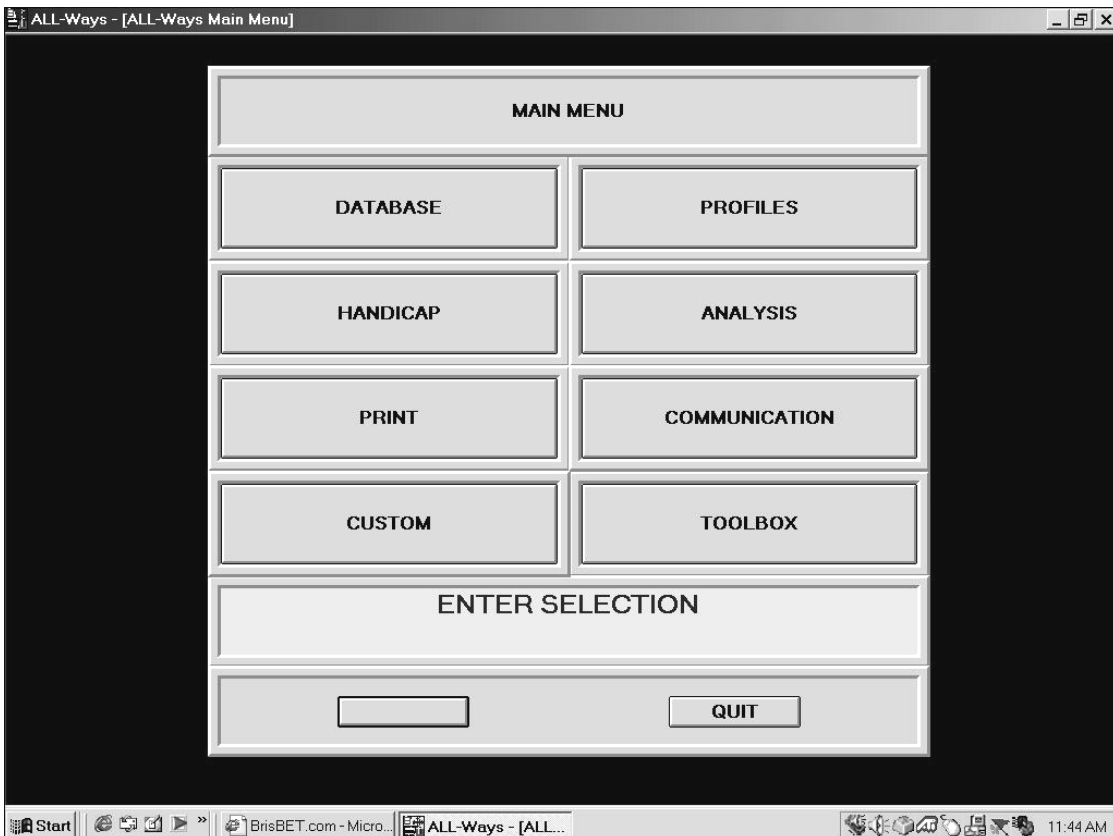
No wonder Phillips Racing Newsletter gave ALL-Ways a 9 1/2 rating ... the highest rating they have awarded any handicapping product ... ever!

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## Opening Screen



## Main Menu

## ◆ **How ALL-WAYS SOFTWARE WORKS**

ALL-Ways software includes 87 key handicapping factors. They are categorized into groups covering suitability to the distance, suitability to the surface, the horse's current form, the horse's class level, speed, pace and an "other" category that includes jockey and trainer performance, pedigree information and an overall comprehensive rating. ALL-Ways software handicaps the races and creates an oddsline for each horse using Handicapping Profiles that are made up of generally 4 to 8 of these handicapping factors. The handicapping factors in the profile are also weighted using Impact Values. ALL-Ways software comes with 18 Default Handicapping Profiles that you will use when you are getting started.

Each time you handicap a race card, the races are added to the Race Database for that particular track. After the races are run, you then enter the results of the races into the Race Database by simply clicking an "Automatic" button. After you have built up the Race Database for a track a little bit, ALL-Ways software can analyze the Race Database to determine which factors are the most predictive of the win, place and show horses for virtually every kind of race run at the track. ALL-Ways software can also determine the Impact Value and return on \$2 bets for each factor (i.e., how powerful and how profitable each factor is). You can then create your own custom Handicapping Profiles. You can also have ALL-Ways software automatically create custom Handicapping Profiles for you by simply clicking on the Multiple Regression Analysis button in the Analysis Module. You can determine how good each Handicapping Profile is by running the Database Run Analysis. This uses whatever Handicapping Profiles you choose to actually handicap every race in your Race Database. It then shows you the winning selection percentages, average payoffs and profitability of each Handicapping Profile. You can also use the Analysis Module to run a Comprehensive Gap Analysis and to create your own, personal handicapping angles called Custom Search Definitions.

To get started with ALL-Ways software, just use the Default Handicapping Profiles until you have built up one to two hundred or so races in your Race Database. Then you can let ALL-Ways software do the work to automatically create Handicapping Profiles that are customized to each track or you can be as creative as you want to be and create your own custom Handicapping Profiles for each track.

ALL-Ways software's comprehensive approach to handicapping and its ability to find the place and show horses as well as the winners sets it apart from other software programs. Perhaps even more important, however, is that ALL-Ways software lets you approach the races the way you like to play them whether you are a one horse win bettor, a two horse win bettor, an exotics player, a player that like lots of action or a player that looks for long odds spot plays. ALL-Ways software gives you the control to play the races the way that suits you best. And, you will have a lot of fun in the process!

## ◆ **HOW TO GET STARTED**

Getting started with ALL-Ways software is easy. Here is how we suggest you proceed.

- INSTALL ALL-Ways software on your computer
- Complete reading Chapter 1 including taking the Quick Tour around the ALL-Ways software modules
- Read the introduction to Chapter 2
- Complete the practice handicapping session in Chapter 2 using the demonstration race card file supplied
- Automatically enter the race results using the demonstration results file supplied
- Briefly study the ALL-Ways software handicapping reports you created in the practice session

At this point you will be ready to handicap actual races for a trip to the track. All you will need to do is to follow the

simple directions in Chapter 3 (Database Module) to download a race card file from Bloodstock Research. Once this new file is in your computer, you need only follow the same steps you did in your practice handicapping session.

### ◆ INSTALLATION REQUIREMENTS

To install ALL-Ways software you need:

- An IBM compatible personal computer with a Pentium or higher processor and at least 16 megabytes (MB) of memory. 32 MB or more is recommended.
- Microsoft Windows 95, 98, 2000, ME, XP or NT4.0 (or later) operating system.
- Approximately 30 million bytes (30 MB) of free space on your hard disk drive
- A CD ROM drive. (If you do not have a CD ROM drive, please contact Frandsen Publishing for assistance).

### ◆ UPGRADING FROM A PREVIOUS VERSION OF ALL-WAYS SOFTWARE

ALL-Ways software version 10.0 can only be directly upgraded from Versions 7.0, 8.0 8.32, 9.0 and 9.1. If you are using an older version of ALL-Ways software, please contact Frandsen Publishing for assistance.

### ◆ INSTALLATION PROCEDURE

ALL-Ways software can be installed on whichever disk drive you designate. However, ALL-Ways software requires two directories on your selected drive. They are the FRANDATA and FRANFILE directories. In the remote chance you already are using these directories, ALL-Ways software will use them too. Otherwise ALL-Ways software will create them.

Installing ALL-Ways software is a simple one or two step process. The first step installs the ALL-Ways software. If you are using the Professional Edition, the second step has you plug the Key (“dongle”) into the back of your computer and install the security key driver that comes with ALL-Ways software. This second step is not required for the Standard Edition.

#### Step 1 • Installing the ALL-Ways software

- 1 → Insert the ALL-Ways setup CD ROM into your CD ROM drive.
- 2 → Run the SETUP.EXE program by double clicking on the file name or through your Windows START-RUN function.
- 3 → Follow the directions on your screen

**NOTE: If this is a new or fresh installation, when you first start up the ALL-Ways software, it will automatically install the Race History files that are required to create and maintain track par times. You can also install the Race History files at a later time using the UNZIP Function in the ALL-Ways Toolbox Module. See Chapter 11 (Toolbox Module) for instructions.**

#### Step 2 • Plugging in the “dongle” (Professional Edition only)

**NOTE: This step is not required for the Standard Edition**

## Installation Procedure (continued)

The “dongle” that is enclosed with the ALL-Ways Users Manual and software must be installed on the back of your computer in order for the software to work. The “dongle” should be plugged into the parallel port between the computer and the printer cable.

- 1 → Unplug your printer from the back of your computer.
- 2 → Plug the “dongle” into the parallel port. Note that the shape and pins of the “dongle” will only fit in the parallel port plug, so you need not be concerned about plugging it into the wrong place.
- 3 → With your fingers, tighten the holding screws on the “dongle” to keep it secure.
- 4 → Plug your printer into the back of the “dongle”.
- 5 → Run the Sentinel System Driver installation program in the ALL-Ways version 10.0 program group.

**NOTE: If you have the Professional Edition and you do not have the “Dongle” attached to your computer, you can still start up the software and you will be able to access the Custom Module and the Handicapping Module. The Custom Module is where you can import race data from a transfer disk. The Handicapping Module is where you actually handicap the races. This freedom from the “Dongle” allows you to process ALL-Ways data files on your desktop computer and then handicap the races on a notebook computer at the track without having to move the “Dongle” from one computer to the other.**

## ◆ QUICK TOUR OF THE ALL-WAYS SOFTWARE MODULES

The primary modules in ALL-Ways software are shown below along with how to get to them **from the Main Menu** and a brief explanation of what the modules do. Detailed explanations and instructions are contained in the sections devoted to each individual module. Feel free to use your mouse to “click” your way around the ALL-Ways software modules. You will always be able to get back to the Main Menu.

### ***Database Module (click “DATABASE”)***

After you download an ALL-Ways Race Card Data File from BRIS, this is where you process the file to add the races into your Race Database for the track. It is also where you will process the results file you download from BRIS to add the race results to your Race Database.

### ***Handicapping Module (click “HANDICAP”)***

Races are handicapped, the On-Screen handicapping reports are displayed and handicapping reports are printed.

### ***Analysis Module (click “ANALYSIS”)***

Many types of analyses are done in this module using the Race Database for each track. The analyses are: **1)** The MRA Default function is used to automatically create default Handicapping Profiles that are tuned to the specific track; **2)** The MRA Pace function automatically creates Handicapping Profiles based on Race Pace Shapes (Fast Early, Lone Early, Honest and Slow); **3)** the MRA Custom function is used to automatically create custom Handicapping Profiles for the types of races you select. **4)** the Race Card function prints out a summary of each race on the race card. It also creates Handicapping Profiles for each specific race on the card. **5)** The IV Analysis calculates Impact Values and return on \$2.00 bets for each handicapping factor; **6)** The Top 3 Analysis calculates the percentage win, place and show performances of the Top 3 horses for each handicapping factor; **7)** The DB Run Analysis analyzes the performance of your Handicapping Profiles; **8)** The DB Run Track Payoff Analysis shows you the average win, Exacta and Trifecta payoffs for virtually every kind of race run at the track; **9)** The DB Run Going-off-odds analysis provides a “what if?” wagering analysis capability. **10)** The Gap Analysis function shows you the Win %, Win Profit and in-

## **Quick Tour of the ALL-Ways Software Modules (continued)**

the-money percent for horses based on the size of their advantage for 52 different handicapping factors. 11) The Pro Gap function is used to create and test your own personal handicapping angles.

### **Handicapping Profiles Module (click “PROFILES”)**

This is where you manage Handicapping Profiles with functions such as Lock, Hide, Rename and Resequence. This is also where, if you are so inclined, you can create your own Custom Handicapping Profiles “from scratch”.

### **Custom Module (click “CUSTOM”)**

There are many functions in this module. This is where you create your own Custom Handicapping Reports, set your Preferences for how you want ALL-Ways software to operate, override the pacelines automatically selected by ALL-Ways software if you want to do so, create a transfer disk for moving ALL-Ways software information from one computer to another and export all or part of your Race Database for a track in comma delimited format for importing into popular spreadsheet and database programs.

### **Print Module (click “PRINT”)**

Five special reports can be printed using this module: 1) Track Profiles; 2) Track Decisions Models for use with Brohamer Compound Pace Ratings; 3) Race Shapes; 4) Daily Track Variants; 5) Track Pars.

### **Toolbox Module (click “TOOLBOX”)**

This module contains a number of useful functions including: 1) Unzipping data files downloaded from BRIS; 2) Deleting and “un-deleting” races in the Race Database; 3) Purging Race Databases of deleted races (purging reduces the amount of disk space needed); 4) Zipping and saving key files for backup purposes and unzipping them to put them back on your hard disk if the need arises; 5) emptying the contents of your FRANDATA folder.

## **◆ ALL-WAYS SOFTWARE LICENSE**

ALL-Ways software is protected by Federal Copyright Laws. You may not provide the original or a backup copy of ALL-Ways software to anyone else. You may install the ALL-Ways software on other computers for your personal use. However, Professional Edition software will not be operable unless the “dongle” supplied to you with ALL-Ways software is plugged into the parallel port on the back of the computer you are using. Without the “dongle”, you can still access the Custom Module and the Handicapping Module.

## **◆ BLOODSTOCK RESEARCH INFORMATION SERVICES (BRIS)**

One of the key features of ALL-Ways software is that you do not need to key enter the past performance information into your computer. In fact, because ALL-Ways software uses all the past performance lines of every horse in every race, it would be virtually impossible for you to key enter all of this data each time you wanted to handicap a race card.

### **BRIS Internet Service ([www.brisnet.com](http://www.brisnet.com))**

So how does all this information get into your computer? It's simple. You will use your Web browser to connect with the Bloodstock Research Information Services website, then automatically and quickly transfer all the race card information from the BRIS computer to your own computer. A demonstration file is included with ALL-Ways software so you can immediately begin to learn how to use the software. However, you must be a BRIS subscriber in order to handicap new races. If you have not already done so, you should sign up for BRIS services on their Web site at [www.brisnet.com](http://www.brisnet.com). It is very easy to do.

## Bloodstock Research Information Services (BRIS) (continued)

**NOTE: You can also download the same files from the BRIS dial-up service using the ALL-Ways Communications Module. However, Internet downloads are both easier and faster.**

### ◆ GETTING THE MOST OUT OF YOUR ALL-WAYS SOFTWARE

First, when you are getting started with ALL-Ways software, do not try to use all the Handicapping Reports. This will most likely cause “information overload”. Instead, we suggest you start out with just the following reports: 1) Contender Summary; 2) Paceline Report; 3) Past Performance Report (No need to buy a Racing Form); 4) Dangerous Non-Contender Report (prints only one page for the entire race card). You can do a very good job of handicapping with just these reports. Refer to the Appendix Section of this Users Manual to get to understand the terminology and report headings. Then you can experiment to see if the other Handicapping Reports should be added to your routine. The Appendix also includes an explanation of all the handicapping factors in ALL-Ways software. We also suggest you download the ALL-Ways software datafiles with a “p” designation from BRIS which contains saddlecloth numbers and Morning Line Odds. If you do, ALL-Ways software will automatically include this information in handicapping reports and you will be able to plan your wagers before you get to the track.

**Be sure to read the ALL-Ways Newsletters as well the special subject “White Papers” that are published by Frandsen Publishing from time-to-time. They are full of tips and techniques that will help you optimize your handicapping with ALL-Ways software. Of particular importance, please read the article in the ALL-Ways Newsletter from October 1996 on handicapping with Race Pace Shapes.**

**Appendix G covers answers to some frequently asked questions that you may find helpful.**

**By all means, you should visit the Frandsen Publishing Web site at [www.frandsen.com](http://www.frandsen.com). You will find all back issues of our popular newsletters, handicapping tips, frequently asked questions and a host of other very useful handicapping and wagering information.**

There are other excellent sources of information that will help you get the most out of your ALL-Ways software. BRIS has many useful explanations for understanding and using the various BRIS pace, speed, class and race ratings as well as all the pedigree information that is used by ALL-Ways software. You can print these articles from the BRIS Handicappers Library on their website at [www.brisnet.com](http://www.brisnet.com). Also, there is a bibliography in Appendix F of this manual. We suggest you read the books written by Tom Brohamer, Tom Hambleton, William Scott and William Quirin. It will help you to better understand the concepts developed by these authors that have been included in the ALL-Ways software.

**Your absolute first choice of a computer printer should be a laser printer.** They have come way down in price, generally about \$400 in discount stores. The second choice would be an ink jet printer. You should **not** purchase a dot matrix printer. All of the reports printed by ALL-Ways software will print perfectly on a laser or ink jet printer. If you have an old pin feed dot matrix printer that has a fixed number of lines per inch, some of the ALL-Ways software reports will take two pages to print instead of just one. Some old dot matrix printers cannot print the Courier New type font that is a standard Windows True Type font and that ALL-Ways software uses for all of its printing.

### ◆ PROFESSIONAL VERSUS STANDARD EDITIONS

The Standard Edition of ALL-Ways software is a powerful handicapping program that is full of very advanced features. The Standard Edition was called by Phillips Racing Newsletter “*Absolutely the best free handicapping tool on the market.*” Phillips further rated both the Standard and Professional Editions at 9 1/2 ... the highest rating they have ever given to any handicapping software. Version 9.0 of the Professional Edition of ALL-Ways software takes handicapping to a whole new level.

## Professional Versus Standard Editions (continued)

Additional features found in the Professional Edition are:

*Multiple Profile Handicapping:* The Professional Edition allows you to use three Handicapping Profiles at the same time to handicap a race. ALL-Ways software literally handicaps the race three times and integrates the results on the Contender Summary Report. Using the no bias, early bias and late bias profiles, the multiple profile capability results in a very high number of place and show horses in the contender list.

*Custom Handicapping Reports to print or to display on screen:* The Professional Edition allows you to design your own handicapping reports with just the information you want to see. You can direct ALL-Ways software to print the custom reports or just show them on your computer's monitor or both.

*Customizable Top 10/Ranking Report:* This report includes 19 different handicapping factors. The Professional Edition lets you change the factors that are used by selecting from a list of 55 different available factors.

*Additional Handicapping Reports:* In addition to the custom handicapping reports that you design, the Professional Edition also includes two additional standard Handicapping reports. The Form Graph reports allow you to graph any one of a dozen different factors for a horse's last ten races. These graphs are shown on one page for all the horses. For example, you can graph Turn Time and/or Early Pace ... a good way to see where a horse is in its form cycle. Another standard report is the All Pace Report that compares Brohamer, Hambleton, BRIS and Hall pace and speed figures for all the horses for their last race, their paceline race, their last good race and their last off track race.

*Multiple Regression Analysis Custom Function:* The MRA Default function is available in both versions of ALL-Ways software. The MRA Default updates the 18 default Handicapping Profiles to match the track. The MRA Pace function automatically creates Race Pace Shape Handicapping Profiles and is also included in both the Standard and Professional Editions. The MRA Custom function (exclusive to the Professional Edition) lets you set race screens and then have ALL-Ways software automatically create a custom Handicapping Profile. For example, you could instruct ALL-Ways software to create an MRA Custom profile for all non-maiden dirt sprints at less than 7 furlongs carded for females only where the winning payoff was greater than \$12. The MRA Custom function also allows you to automatically create Handicapping Profiles aimed at finding place and show horses.

*MRA Custom Race Card Profile:* This function automatically creates individual custom MRA profiles for each individual race on the race card.

*User Preference for the Factors to be considered by Multiple Regression for creating Profiles:* You can control which of the 87 Primary Handicapping Factors you want the Multiple Regression Analysis functions to consider when automatically creating the MRA Default, MRA Pace, Race Card MRA and MRA Custom Handicapping Profiles.

*Pro Custom Search:* The Pro Custom Search feature lets you design your own personal handicapping angles, which in ALL-Ways, are called Custom Search Definitions. You can then test these angles against your track database(s) for win and in-the-money percentages, average win payoff and win ROI. At handicapping time, ALL-Ways will evaluate every angle that you have designated for the specific type of race being run and find all horses that qualify based on the Custom Search Definition elements. ALL-Ways will then show you the search results on the new Search Handicapping Report.

*Automatic Function:* There is an Automatic Function in the Analysis Module that, with the simple click of a button, will automatically update all your Handicapping Profiles for the track including custom MRA profiles, run the Race Card functions and update Gap statistics, Key Horse statistics and Profile Performance statistics.

*Paceline Override Function:* For those so inclined, the Professional Edition allows you to select your own pacelines instead of using the pacelines automatically selected by ALL-Ways software. This also includes the capability, with just the click of a button, to print out the Past Performance Reports for an entire card with the current pacelines highlighted.

### **Professional Versus Standard Editions (continued)**

*Database Export Function:* This allows you to export all or part of your Race Database for a track to a comma delimited file that can be imported by popular spreadsheet and database programs such as Excel and Access respectively.

*Additional Track reports:* The Professional edition lets you print out the detailed track pars, a chronological listing of Quirin Race Shapes and a chronological listing of ALL-Ways Daily Track Variants compared to the Daily Racing Form variants for virtually any track in the country.

# chapter 2

## **quick start --- a practice handicapping session**

The primary purpose of this chapter is to give you some practice handicapping races using the sample race card file supplied with ALL-Ways software.

When you complete this chapter you will be able to:

- Automatically process an ALL-Ways Race Card data file to add the races to your Race Database for the track
- Handicap a race and print handicapping reports
- Automatically enter the race results into your database

At this point you will be ready to download a race card file from BRIS and use it to handicap the races for a trip to the track. Chapter 3 (Database Module) explains how to do this.

Before the practice handicapping session, we will present some information that may be helpful as you begin to use your ALL-Ways software.

|           |                                                     |
|-----------|-----------------------------------------------------|
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| <b>17</b> | <b>How to unzip race card and results files</b>     |
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| <b>18</b> | <b>How to handicap a race</b>                       |
| <b>18</b> | <b>Selecting handicapping reports</b>               |
| <b>19</b> | <b>Selecting the race to handicap</b>               |
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## ◆ CONVENTIONS AND USEFUL TIPS

### **Track codes**

ALL-Ways software will often ask you to enter the track code for the track you are handicapping or for other processes such as running an analysis or printing a Track Profile. You must always enter a three character track code. Appendix A (Track Codes) includes the codes used in the industry for North American tracks. Here are the rules you must follow:

- A three character track is used as it is. For example, the track code for Hollywood Park is “HOL”. Just type “HOL” when handicapping Hollywood Park.
- A two character track code requires that you add an “X” to the end of the two characters, thus turning it into a three character track code. For example, the track code for Santa Anita is “SA”. When you are handicapping Santa Anita, just add the “X” and enter “SAX” when asked to enter the track code.

**NOTE: Appendix A includes a list of track codes for all North American tracks.**

**NOTE: You can set a default track code in the Preference function of the Custom Module.**

### **The mouse and key entry**

ALL-Ways software has been designed to be used primarily with the mouse that came with your computer system. The mouse is infinitely more efficient to navigate through ALL-Ways software and to select all the options made available to you. There is very little key entry required by ALL-Ways software. You will need to key enter track codes, unless you have a default track code set. If you choose to use your own Impact Values in Handicapping Profiles, you will need to key enter them as well. All key entered data is entered into “Text Boxes”. There are a few things you need to know about key entry in a Windows environment in general and specifically in ALL-Ways.

### **Focus**

To key enter data into a Text Box, the “focus” must be in the Text Box. You can tell if a Text Box has the focus in Windows by the cursor (a thin vertical line) being within the Text Box. If the Text Box does not have the focus, you can set the focus in the Text Box simply by clicking the Text Box with the mouse pointer. ALL-Ways software automatically sets the focus to the appropriate Text Box and highlights the Text Box in a light blue color. If the Text Box loses the focus, you can return the focus to the Text Box by clicking on it with the mouse pointer.

### **Deleting text**

There are four ways to delete text in an ALL-Ways Text Box:

- Clicking a “CLEAR” or “RESET” button if they are available
- Swiping over the text with the mouse pointer **while holding the left mouse button down** and then releasing the mouse button and pressing the “DELETE” key
- Pressing the “DELETE” key will delete individual characters to the right of the cursor
- Pressing the “BACKSPACE” key will delete individual characters to the left of the cursor

### **Practice handicapping session**

Now you are ready to practice an entire handicapping session. Actually, you will not download a race card file from BRIS quite yet. That will come later. Instead, you will use the demonstration race card file included with ALL-Ways software. The demonstration file is for the Aqueduct race track in New York. The track code for Aqueduct is “AQU”.

Here is what you will do in a typical handicapping session:

- Download a race card file from BRIS (but not in this practice exercise)
- Process the race card data file. This is where, with one click of the mouse button, you automatically update Track Pars, Daily Track Variants, Quirin Race Shapes, Track Bias Profiles. This process also “translates” the race card file by making literally thousands of calculations and adding all the horse and race information to your Race Database for the track.
- Handicap the races and print out handicapping reports
- Download the Exotic Results Data File (XRD) from BRIS (but not in this practice exercise)
- Automatically enter the race results

**NOTE: All of these steps are described in more detail in later chapters of this manual.**

Now we will go through the handicapping process one step at a time.

### ***Starting the ALL-Ways software***

- 1 →Start ALL-Ways software by clicking the Windows start button and then selecting ALL-Ways in the ALL-Ways Program Group. You will see the ALL-Ways software opening screen that includes the copyright information.
- 2 →Click the “START” button  
You will see the ALL-Ways MAIN MENU

**NOTE: You can create an ALL-Ways icon on your Window’s desktop by highlighting the ALL-Ways program file (ALLWAYS.exe) in the FRANFILE folder and dragging the file onto your Windows desktop. Then you can start ALL-Ways software by simply double clicking on the icon.**

### **◆ HOW TO UNZIP RACE CARD AND RESULTS FILES**

- 1 →On the Main Menu, click “TOOLBOX”  
This brings you to the Toolbox Module
- 2 →Click UNZIP
- 3 →Click UNZIP ALL DATA FILES
- 4 →Click GO UNZIP  
This will Unzip all Zipped files that are in your FRANDATA Folder

### **◆ HOW TO PROCESS ALL-WAYS RACE CARD DATA FILES**

- 1 →From the ALL-Ways MAIN MENU, click “DATABASE”
- 2 →On the Database Menu, click “PROCESS DATA FILE”

## How to Process ALL-Ways Race Card Data Files (continued)

This will display the ALL-Ways Data File Processing Module screen. There are two different processing modes to choose from. One is the “PROCESS ONE DATA FILE” function and the other is the “PROCESS ALL DATA FILES” function. If you have only one data file to process, you may want to use the “ONE FILE” option, although the “ALL FILES” option will work too. If you have multiple data files to process, you will want to select the “ALL FILES” option, although you could use the “ONE FILE” option to process them one at a time.

- 3 →Select the Processing Mode Option, by clicking either “PROCESS ONE” or “PROCESS ALL”.

If you choose “PROCESS ONE”:

- a) Select a file from the list
- b) Click “FILE OK”
- c) Click “GO”

If you choose “PROCESS ALL”:

- a) Click “GO AUTO”

What you will see:

ALL-Ways software will add new races to the Track History files for each track in the past performance lines of all the horses running on the race card. After ALL-Ways software adds the races to the Track History databases, It goes back and updates Track Pars, Daily Track Variants, Quirin Race Shapes and Track Bias Profiles. It does all of this for blocks of 15 tracks at a time. After the Track History part of the process is over, ALL-Ways software will automatically continue on and ‘translate” the race card. This “translate” process is where ALL-Ways software makes all of its thousands of calculations and adds all the necessary information from the ALL-Ways Race Card Data File into your Race Database for the track.

## ◆ HOW TO HANDICAP A RACE

- 1 →Click “HANDICAP” on the Main Menu

This brings you to the Handicapping screen. (Figure 5.1 in Chapter 5)

- 2 →Enter the track code “**AQU**” in the track Text Box and click “TRACK OK”

All-Ways will first load the track bias data for the track. You will then see all the races in the race card file for Aqueduct listed at the top right of the Handicapping screen. These are the races you just translated.

### **Selecting handicapping reports**

All-Ways provides you with two types of reports: **1)** An On-Screen report that is displayed on your computer monitor; **2)** a series of printed reports that are printed on your computer printer. If you do not select the On-Screen report, the printed reports will print automatically. **If you do select the On-Screen report, you will need to click the Print Reports button to cause the printed reports to print.**

The next step is to select the handicapping reports you want to print. **You must select at least one report.** For this exercise we suggest you select only the Contender Summary, Paceline, Past Performance, and Dangerous Non-Contender reports. We will use the On-Screen report a little later on. To select a report, just click its name on the screen. The name will change from black to red and a check mark will appear. To “de-select” a report, click its name again. The name will change back to black and the check mark will disappear.

**NOTE: The Professional Edition allows you to display up to thirty different reports on-screen. The Standard**

**Edition is limited to one on-screen report.**

### Selecting the race to handicap

- 1 → Click the race in the race list that you want to handicap
- 2 → Click “RACE OK”. Three things will happen when you click “RACE OK”

First, the horses will be listed. Horses in red are running. Horses in black have been scratched. Horses in purple are first time starters that are running. You can scratch and “un-scratch” horse by clicking on their names.

The second thing that happens is that pertinent race information is displayed at the top left of the screen. This information is displayed to help you select the Handicapping Profiles you want to use. This information is all explained in Chapter 5 (Handicapping Module). For now, just note whether the race is on dirt or on the turf, is a sprint or a route and is a maiden or non-maiden race (maiden races have a Race Type designation of “M” or “S”).

The third thing that happens is that the race list disappears and the Handicapping Profiles list appears.

### Selecting handicapping profiles

**NOTE: You must select a Handicapping Profile for the Profile 1 box.**

To select a Profile as Profile 1, make sure the Profile 1 box has the focus. If it doesn’t have the focus, click its “FOCUS” button. When Profile 1 does have the focus, click on the Profile name in the Profile List. The Profile name will appear in the Profile 1 box.

**NOTE: The Professional Edition allows you to use three Handicapping Profiles to simultaneously to handicap a race. The Standard Edition is limited to a single Handicapping profile.**

In the Professional Edition, to select Profile 2 and Profile 3, do just as you did for Profile 1 except click the “FOCUS” button for Profile 2 or Profile 3.

For this practice exercise, you should select from the following Handicapping Profiles:

|                  | NON-MAIDEN<br>DIRT SPRINTS | NON-MAIDEN<br>DIRT ROUTES | ALL-TURF<br>SPRINTS | ALL TURF<br>ROUTES | MAIDEN<br>DIRT SPRINTS | MAIDEN<br>DIRT ROUTES |
|------------------|----------------------------|---------------------------|---------------------|--------------------|------------------------|-----------------------|
| <b>Profile 1</b> | df: ds                     | df: dr                    | df: ts              | df: tr             | df: ds maid            | df: dr maid           |
| <b>Profile 2</b> | df: ds early               | df: dr early              | df: ts early        | df: tr early       | df: ds maid early      | df: dr maid early     |
| <b>Profile 3</b> | df: ds late                | df: dr late               | df: ts late         | df: tr late        | df: ds maid late       | df: dr maid late      |

The “early” profiles favor early runners, the “late” profiles favor late runners and the other profiles do not differentiate between running styles. In the Standard Edition, we suggest you use the appropriate non pace biased profile.

**Now you are ready to handicap the race.**

Click “GO” to handicap the race.

Here is what will happen: The message box on the bottom left part of the screen will tell you what ALL-Ways software

is doing. It will first save updated information to the Race Database. It will then handicap the race. Then it will prepare all the handicapping reports.

All of the handicapping reports will print on your printer except the “Dangerous Non-Contender List” which only prints after you click “QUIT”, “MAIN” or “RESET”. This is because the “Dangerous Non-Contender List” covers all races you handicap during a handicapping session instead of only one race at a time.

We suggest you handicap one or two more races in order to practice the process. At any time later you can come back and handicap the other races (or re-handicap any race again) that is in the Race Database. Once an input file has been used to update pars and is translated, its races are in the Race Database.

### **Using the On-Screen report**

Now try handicapping a race using the On-Screen report. To select the On-Screen report, just click its name on the screen. After you handicap the race by clicking the “GO” button, click the “SHOW SCREEN REPORT” button. The On-Screen report will now appear showing all the horses in the race. You can toggle between all horses being shown and only contenders being shown by clicking on the option buttons on the bottom of the report. Click the “HIDE” button to return to the Handicapping Module main screen.

When you are done handicapping, click “MAIN” to return to the Main Menu or “QUIT” to exit the program.

**NOTE:** If you ever get lost in the process, just click “RESET” and you will be taken back to the beginning.

**REMEMBER:** If you have selected the on-screen report and also want to print reports on your printer, you must force the printing by clicking the “PRINT REPORTS” button.

### **◆ HOW TO AUTOMATICALLY ENTER RACE RESULTS**

- 1 → Click “DATABASE” on the Main Menu
- 2 → Click “RESULTS” on the Database Menu  
This brings you to the Results Update screen (Figure 3.2 in Chapter 3)
- 3 → Key enter the three character track code. Specifically enter: “AQU”
- 4 → Click “TRACK OK”
- 5 → Click “AUTO ONE”. ALL-Ways software will now list the results files that are in your FRANDATA folder
- 6 → Select the appropriate Results File from the list and click “RESULTS FILE OK”

Then sit back and watch as ALL-Ways software automatically enters all the race results.

Please review the Automatic Results section in Chapter 3 to see how ALL-Ways software handles the results. For example, you will learn that ALL-Ways software puts Double and Pick 3 payoffs in the first race of the race sequence.

### **◆ WHERE TO GO FROM THIS POINT**

Now you know the basics of processing a race card and results files in ALL-Ways software. The next step should be to download an ALL-Ways race card file from the BRIS Internet site at [www.brisnet.com](http://www.brisnet.com). Be sure to download the file into

## **Where to Go From This Point (continued)**

the **FRANDATA** folder on your hard drive. And, remember to use the UNZIP function in the ALL-Ways software Toolbox to unzip the file. Then you will be ready to process the race card in the Database-Process Data File Module. After the races are run, download the Exotic Results Datafile (XRD) from BRIS into your **FRANDATA** folder, unzip it using the Toolbox and automatically enter the results in the Database-Results Update Module. That is all there is to it. **GOOD HANDICAPPING!**

**NOTE:** If you do not have access to the Internet, please see Appendix H on how to use the ALL-Ways Communications Module to download files from the BRIS dial-up service. You can also download files from the BRIS dial-up service using any commercial communications software. Just be sure to download the files onto your **FRANDATA** folder.

# chapter 3

## **database module**

In this chapter, you will learn how to download data files from BRIS. You will also learn how to use the functions in the Database Module to process the ALL-Ways Race Card data files and the Exotic Results Data Files you download from BRIS. These functions add all the race, horse and race results information into your Race Databases for the tracks you handicap. These Race Databases are what you use in the Handicapping and Analysis modules. These Race Databases are at the very core of ALL-Ways.

**It is very important that you process the race results for every race card that you handicap.**

- 23 The data files used by ALL-Ways software**
- 23 The ALL-Ways process**
- 23 How to process ALL-Ways Race Card Data Files**
- 25 What is the "done\_" file prefix**
- 25 How to process Early Track Data Files (if needed) (ALL-Ways Only)**
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- 28 How to handle \$1 payoffs**
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  - 29 What is Custom Card**
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  - 31 How to create and download Exotic Results Data Files**
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## ◆ THE DATA FILES USED BY ALL-WAYS SOFTWARE

The three primary data files you will use in ALL-Ways software are the ALL-Ways Race Card Data File, the Exotics Results Data file and, optionally, the Early Track Data file.

### ***ALL-Ways Race Card Data file (.ALW)***

This file has all the raw data for every horse that is running in every race on the race card you will be handicapping. This is the data that literally drives ALL-Ways software. When ALL-Ways software processes these files in the Database Module, it adds each race into your Race Database for the track. **It can also be used to drive the BRIS Past Performance Generator software to print the BRIS Ultimate PPs (free!).**

### ***Exotic Results Data file (.XRD)***

After the races are run, this file has all the final results information for each race in the ALL-Ways Race Card Data file. When you process this XRD file in the Database Module, the race results are added to your Race Database for the track. Note: ALL-Ways will also process the zipped version of the Flash Results File that is available from BRIS. However, while the XRD files include going-off-odds that are captured by ALL-Ways, the Flash results files do not. The going-off-odds are used in the ALL-Ways Analysis Module to create the Going-Off-Odds “What if?” Analysis Report.

### ***Early Track Data file (.ETD) (ALL-Ways Only)***

You do not need this file to use ALL-Ways software. It does, however, serve a useful purpose in certain circumstances. This file contains late scratch information as well as official saddlecloth program numbers and Morning Line Odds for each race on the race card. If you download an ALL-Ways Race Card Data file with a “P” designation from BRIS, the ALL-Ways software file already has all this information. But, if you download an ALL-Ways Race Card Data file before it get the “P” designation, this information is not in the file. In this case, you can later download the ETD file and ALL-Ways software will automatically extract the information and put it in your Race Database for the track.

## ◆ THE ALL-WAYS PROCESS

The process for using ALL-Ways software is simple, but extremely important. Here are the steps you should go through for any race card you handicap.

**Step 1:** Download, UnZip (in the Toolbox Module) and process the ALL-Ways Race Card in the Database Module. This is where ALL-Ways makes all its thousands of calculations and adds the race card information into your Race Database for the track.

**Step 2:** Handicap the races in the Handicapping Module. Using the Race Card feature in the Analysis Module, you may also want to print out a Race Card Summary before you handicap (recommended).

**Step 3:** Download, UnZip (in the Toolbox Module) and process the Exotic Results Data file in the Database Module. This is where ALL-Ways software adds all the results information into your Race Database for the track. **If you skip this step, the Analysis Module will not have the data it needs to carry out all of its important functions.**

### ***About Custom Card***

The three files discussed above are available for the normal full race cards posted by BRIS. They are also available if you take advantage of the Custom Card feature at BRIS. The process for downloading the files from BRIS is different for Custom Card than for their normal full cards. The Custom Card instructions are shown later in this chapter.

## ◆ HOW TO PROCESS ALL-WAYS RACE CARD DATA FILES

*To download ALL-Ways Race Card files from BRIS:*

- 1 →Go to the BRIS Website at [www.brisnet.com](http://www.brisnet.com)
- 2 →Click “SELECTIONS, PROGRAMS AND PPs”

## How to Process ALL-Ways Race Card Data Files (continued)

Select “SOFTWARE DATA FILES”

SELECT “ALL-Ways/ CAPSHEET DATA FILE”

This will display a page listing all the ALL-Ways Race Card Data Files that are available.

3 →Click on the file that you want to download to start the download process.

**You should instruct your Web browser to download the file into your FRANDATA folder. If you download it into a different folder, you will need to move it to your FRANDATA folder. If the file is not in the FRANDATA folder, ALL-Ways will not be able to find it.**

***To UNZIP files you download:***

Use the UNZIP ONE FILE or the UNZIP ALL FILES functions in the ALL-Ways Toolbox Module.

***To process ALL-Ways Race Card Data Files:***

1 →From the ALL-Ways MAIN MENU, click “DATABASE”

2 →On the Database Menu, click “PROCESS DATA FILE”

This will display the ALL-Ways Data File Processing Module screen. There are two different processing modes to choose from. One is the “PROCESS ONE DATA FILE” function and the other is the “PROCESS ALL DATA FILES” function. If you have only one data file to process, you may want to use the “ONE FILE” option, although the “ALL FILES” option will work too. If you have multiple data files to process, you will want to select the “ALL FILES” option, although you could use the “ONE FILE” option to process them one at a time.

3 →Select the Processing Mode Option, by clicking either “PROCESS ONE” or “PROCESS ALL”

If you choose “PROCESS ONE”:

- a) Select a file from the list.
- b) Click “FILE OK”
- c) Click “GO”

If you choose “PROCESS ALL”

- a) Click “GO AUTO”

What you will see:

First, ALL-Ways software will add additional races to the Track History Database for every track in the past performance lines of the horses running on the day’s race card. Note: These history databases are separate and apart from the ALL-Ways Race Databases that are created and maintained for the specific tracks you handicap. The Race Databases are used in the Handicapping Module and Analysis Module. These Track History Databases are used by ALL-Ways software in this Process Data File Module to make all its calculations. A maximum of 1,500 races are in the Track History Database for each track. When the 1,500 race maximum is reached, from that point on, ALL-Ways software replaces older races with newer races. This keeps your track information current right up to the races you are handicapping today.

After ALL-Ways software adds the races to the Track History databases, It goes back and updates Track Pars, Daily Track Variants, Quirin Race Shapes and Track Bias Profiles. It does all of this for blocks of 15 tracks at a time.

After the Track History part of the process is over, ALL-Ways software will automatically continue on and “translate” the race card. This “translate” process is where ALL-Ways software makes all of its thousands of

## How to Process ALL-Ways Race Card Data Files (continued)

calculations and adds all the necessary information from the ALL-Ways Race Card Data File into your Race Database for the track. You will notice that ALL-Ways loads Daily Track Variants and Quirin Race Shapes, makes the appropriate Track-to-Track Adjustments, loads Track Pars and examines the Race Conditions. Then, ALL-Ways goes one race at a time and processes every horse in every race and keeps you informed of its progress.

**A reminder: If you do not process the ALL-Ways Race Card file in this module, the races will not be in your Race Database and will not show up for handicapping in the Handicapping Module.**

### ◆ WHAT IS THE “DONE\_” FILE NAME PREFIX

After ALL-Ways software processes an ALL-Ways Race Card Data file (and Exotic Results Data Files as well), it adds the prefix “done\_” to the beginning of the file name. This serves two purposes. It tells you that the file has already been processed. It also tells ALL-Ways software that the file has already been processed so ALL-Ways software will not process it again in one of its automatic processing functions.

**NOTE: You can still process files again with the “done\_” prefix using the “PROCESS ONE DATA FILE” function. But, be careful. You do not want to put races into your Race Database multiple times.**

### ◆ HOW TO PROCESS EARLY TRACK DATA FILES (ALL-WAYS ONLY)

If the ALL-Ways software data file does not have a “P” designation at the time you download it, you should go back later and download the corresponding Early Track Data file for the race card.

- 1 →Go to the BRIS Web site at [www.brisnet.com](http://www.brisnet.com).
- 2 →Click “SELECTIONS, PROGRAMS and PPs”  
Select “SOFTWARE DATA FILES”  
SELECT “EARLY TRACK DATA”

This will display a page listing all the Early Track Data Files that are available.

- 3 →Click on the file that you want to download to start the download process.

**You should instruct your Web browser to download the file into your FRANDATA folder. If you download it into a different folder, you will need to move it to your FRANDATA folder. If the file is not in the FRANDATA folder, ALL-Ways software will not be able to find it.**

- 4 →Unzip the file using the UNZIP ONE FILE or the UNZIP ALL FILES functions in the ALL-Ways Toolbox Module.

**After the Early Track Data file is Unzipped, you are finished.** So long as the ETD file is in the Frandata folder, ALL-Ways software will automatically find it and add the scratch, saddlecloth program numbers and Morning Line Odds to your Race Database and the information will be there for you at handicapping time. Note also that the RACE CARD function in the Analysis Module will also use the ETD file if it is in your Frandata folder.

### ◆ HOW TO PROCESS EXOTIC RESULTS DATA FILES

*To download Exotic Results Data Files from BRIS:*

- 1 →Go to the BRIS Web site at ‘[www.brisnet.com](http://www.brisnet.com)’
- 2 →Click “RESULTS and CHARTS”
- 3 →Click “EXOTIC RESULTS DATA”
- 4 →Select a track or a race date

This will display a page listing all the Exotic Results Data Files that are available.

- 5 →Click on the file that you want to download to start the download process

## How to Process Exotic Results Data Files (continued)

The screenshot shows the 'ALL-Ways - [ALL-Ways Data File Processing Module]' window. It features a 'PROCESSING MODE' section with 'PROCESS ONE DATA FILE' and 'PROCESS ALL DATA FILES' buttons. A 'PROCESS ONE' label is centered. The 'INPUT FILE' section includes a text box with 'crd0105.alw', 'FILE OK', and 'CLEAR' buttons. A list of files is shown on the right, with 'crd0105.alw' selected. Below these are sections for 'TRACKS', 'RACES', 'NEW', 'PARS', 'VARIANTS', 'SHAPES', and 'PROFILES', each with a grid of input boxes. At the bottom, there are 'CLICK GO TO PROCEED' and 'GO' buttons, and a row of 'RESET', 'MAIN', and 'QUIT' buttons. The Windows taskbar at the bottom shows the Start button, several icons, and the system clock at 11:55 AM.

**Figure 3.1 Data File Processing Module**

The screenshot shows the 'ALL-Ways - [ALL-Ways Results Update Module]' window. It features a 'HORSES' list on the left with checkboxes for 'boodle b', 'duck grayson', 'english comedy', 'r. encounter', 'alert david', 'beam us up', 'sell the farm', 'alarm code', 'carried away', 'imperial zipper', and 'adams gold nuggett'. A table with columns 'FIN', 'WIN', 'PLACE', and 'SHOW' contains data for these horses. The 'SURFACE' section has radio buttons for 'DIRT' and 'TURF'. The 'CONDITION' section has radio buttons for 'DRY' and 'OFF'. The 'RATING' section has a text box with '114.2' and buttons for 'ESP', 'E E E', 'TRACK', and '9th at PHA'. The 'EXACTA' and 'TRIFECTA' sections have text boxes with '31.60' and '613.00' respectively, and buttons for 'DOUBLE' and 'PICK 3'. The 'LAST RACE UPDATED' section has a text box. The 'SPLIT', 'AUTO ONE', and 'AUTO ALL' sections have buttons. The 'race OK' and 'track OK' buttons are at the bottom right. A 'SAVE' button is at the bottom center. The 'ENTER RESULTS INFORMATION AND SAVE OR SELECT A DIFFERENT RACE.' text is at the bottom left. The Windows taskbar at the bottom shows the Start button, several icons, and the system clock at 11:57 AM.

**Figure 3.2 Results Update Module**

## How to Process Exotic Results Data Files (continued)

**You should instruct your Web browser to download the file into your FRANDATA folder. If you download it into a different folder, you will need to move it to your FRANDATA folder. If the file is not in the FRANDATA folder, ALL-Ways software will not be able to find it.**

- 6 →UnZip the file using the UNZIP ONE FILE or the UNZIP ALL FILES functions in the ALL-Ways Toolbox Module

### ***To process Exotic Results Data Files:***

- 1 →From the ALL-Ways MAIN MENU, click “DATABASE”
- 2 →On the Database Menu, click “ENTER RESULTS”

This will display the ALL-Ways Results Update Module screen. There are actually three ways to enter the race results information:

- A) Have ALL-Ways software automatically enter the results from a single XRD file for a track;
- B) Have ALL-Ways software automatically enter the results from all unprocessed XRD files for one or more tracks;
- C) Enter the results manually.

#### **A) To Automatically process a single XRD file:**

- 1 →Enter the 3 character track code and click “TRACK OK”.
- 2 →Click “AUTO ONE”

This will display a list of results files for the track that are in your Frandata folder. The files must be unzipped in order for ALL-Ways to find them. Files already processed will have a prefix of “done\_”.

- 3 →Select the file you want to process by clicking on the file name in the list.
- 4 →Click “RESULTS FILE OK”.

Now just sit back and watch as ALL-Ways software automatically extracts the information in the XRD file and enters the results for the races into your Race Database for the track. ALL-Ways software will scratch horses that were late scratches in the race. It will change the track surface and track condition if necessary. It will enter win, place and show results. It will enter payoffs for Exactas, Trifectas, Daily Doubles and Pick 3's.

**NOTE: ALL-Ways software will put the Daily Double and Pick 3 payoffs in the first race of the race sequence.**

**NOTE: You can still process files with the “done\_” prefix again using the “AUTO ONE” function. It will not hurt your Race Database to process race results multiple times. But, there is no reason to do so unless you are trying to re-build your Race Database.**

#### **B) To Automatically process all unprocessed XRD files:**

- 1 →Click “AUTO ALL”

You do not enter a track code because ALL-Ways will process all unprocessed files for all tracks.

- 2 →Click “GO AUTO”

That is it. ALL-Ways will now process all unprocessed XRD files, one after the other.

#### **C) To manually enter results information:**

- 1 →Enter the 3 character track code and click “TRACK OK”.

## How to Process Exotic Results Data Files (continued)

This will display a list of races in your Race Database for the track.

- 2 →Select the race you want to work with by clicking on the race in the list.
- 3 →Click “RACE OK”.

Now you can manually enter all the race information. Here are some things to keep in mind:

- If necessary, you can change the race surface and the track condition.
- You can scratch and un-scratch horses by clicking on their names.
- You must enter 1, 2 or 3 in the column labeled “FIN” to indicate the win, place and show horses.
- You must enter the win, place and show payoffs in the appropriate columns such as 6.40 or 11.20.
- You may enter Exact, Trifecta, Daily Double and Pick 3 payoffs in the appropriate box.

**NOTE: You must put the Daily Double and Pick 3 payoffs in the first race of the race sequence.**

**NOTE: Payoffs must be entered based on \$2 wagers. If your track reports Exacta, Trifecta and/or Pick 3 payoffs for \$1 wagers, such as most California tracks, you should double the payoff amount before entering it.**

- 4 →After entering the information, click “SAVE” to add the information into your Race Database.

If any of the win, place or show information is missing, ALL-Ways will recognize this after you click “SAVE” and let you know. ALL-Ways will not allow missing information. **You also should not enter results information for races that included “Dead Heats” in any position or that include both horses in a “Coupled Entry” such as the 1 and 1A horses both finishing in-the-money.** Races without results are simply ignored in the Analysis Module. You will eventually have plenty of races in your Race Database for each track. Do not worry about losing a race once in a while because of these exclusion rules.

## ◆ HOW TO PRINT RACE RESULTS ON YOUR COMPUTER

You can use the Exotic Race Results Data File to print out a summary of race results on your printer.

- 4 →In the Results Update Module, enter the track code and click TRACK OK
- 4 →Click AUTO ONE This will display all XRD files in your Franfile folder
- 4 →Select the XRD file that you want to print from the list
- 4 →Click the PRINT XRD button

## ◆ HOW TO HANDLE \$1 PAYOFFS

---

### IMPORTANT

#### !!!! California Tracks !!!!

***If you play California tracks or any other track that reports Exacta, Trifecta and/or Pick 3 payoffs based on \$1 wagers and if you use the Exotic Results Data file to automatically enter the race results, you must instruct ALL-Ways software to handle XRD payoffs based on \$1 wagers as outlined below. It is very easy.***

---

### **\$1 Exacta, Trifecta and Pick 3 Payoffs**

The Exotics Results Data Files discussed above do not include information that tells ALL-Ways the base amount of the wagers on which the payoffs are reported. This is not a problem for win, place and show payoffs or Daily Double payoffs because, at this time, these payoffs are always based on \$2 wagers. Some tracks, however, such as the California tracks, most notably Santa Anita (SAX), Hollywood (HOL), Del Mar (DMR), Golden Gate Fields (GGX) and Bay Meadows (BMX), report Exacta, Trifecta and Pick 3 payoffs based on \$1 wagers.

### **Telling ALL-Ways How to Handle \$1 Payoffs**

- 1 →From the Main Menu click “CUSTOM”.
- 2 →From the Custom Menu click “PREF” which stands for preferences.
- 3 →Click the ‘PREFERENCES #2’ button.
- 4 →Click the “ADD TRACK” button.
- 5 →Enter the 3 character track code and click “TRACK OK”. This adds the track to the list.
- 6 →Click on the track code in the Track List to highlight it.
- 7 →Click on the \$1 payoff button for each wager type that has payoffs based on \$1 wagers. As soon as you click on the wager amount, it is automatically saved.

Repeat steps 4 through 7 for each track that reports payoffs based on \$1 wagers.

When ALL-Ways processes an Exotics Results Data file, it looks to see if you have indicated that the track reports payoffs based on \$1 wagers. If it does find the instruction, it will adjust the payoffs and add them to your Race Database for the track. If it does not find this instruction, it will assume the payoffs to be based on \$2 wagers.

### ◆ HOW TO USE BRIS CUSTOM CARD™ WITH ALL-WAYS

#### ***What is Custom Card***

If you want to achieve wagering success, you must be selective in the races you play. You should play to your own handicapping and wagering strengths. You should seek out specific races and wagering situations that are particularly profitable. With ALL-Ways software and BRIS Custom Card, you specify exactly the kinds of races you want to play. **Custom Card then searches all races being run in North America and assembles your own personal, customized ALL-Ways race card made up of only the races that meet your exact specifications.** This is perfect for simulcast players and players who use brisnet.com for telephone and on-line betting services. Your race specifications can include any combination of distances, surfaces, field sizes, race types (Restricted Allowance, Maiden Special Weight, etc.), purse values, claiming prices, ALL-Ways Race Rating range, age/sex restrictions, tracks, post times and wager types. **Exclusive to ALL-Ways software, you can also specify which of the eleven ALL-Ways Race Pace Shapes that you want included. Never again will you have to pay for or handicap races that you have no intention of playing!**

#### ***How to Get to the ALL-Ways Custom Card Page on brisnet.com***

Simply click on the CUSTOM CARD link on the ALL-Ways Race Card Data file page on brisnet.com. This will display the ALL-Ways Custom Card page. Here is what you will see.

On the right, you will see all the different criteria you can use to specify your Custom Card search. This includes the following:

|            |                           |                               |
|------------|---------------------------|-------------------------------|
| Race Dates | Field Size                | First Time Starters           |
| Tracks     | Race Type                 | Purse Value or Claiming Price |
| Post Times | ALL-Ways Race Pace Shapes | Age and Sex Restrictions      |
| Distances  | ALL-Ways Race Ratings     | Wager Types                   |
| Surface    | State Bred                |                               |

On the left side you will see the three different data files you can create. These files are:

.ALW    ALL-Ways Race Card Data file  
.ETD    Early Track Data file  
.XRD    Exotic Results Data file

#### ***How to Create and Download an ALL-Ways Custom Card Data file***

NOTE: We recommend that you experiment creating Custom Card files. You can create such files without actually downloading them. BRIS does not charge for a file unless and until you actually download the file.

- 1 →Set the search criteria you want to use

Hint: If you want to select multiple different ALL-Ways Race Pace Shapes, simply hold down the CONTROL key on your computer keyboard while you click on the different Pace Shapes you want included. This technique works for all search elements that allow multiple choices, such as the designation of tracks to include.

## How to Use BRIS Custom Card with ALL-Ways (continued)

- 2 After setting your search criteria, click the “SEARCH FOR RACES” button

This will display a new Web page with the search results. Click on the arrow by the “Click here to view search results.” This will show you a summary list of all the selected races. If you click on a specific race, additional information about the race is shown in the box below.

- 3 Select the race or races you want included in your ALL-Ways Custom Card Data File.

You can select all races by clicking the appropriate button. Or, you can select individual races and add them to the card one race at a time.

- 4 To create the Custom Card Data File, click “CREATE CARD”

After a while, the ALL-Ways Race Card file name will appear on your computer screen. It will look something like this: **CRD0115.ALW** This would be the file for January 15<sup>th</sup>.

**NOTE: You can change the name of a file prior to clicking the “CREATE FILE” button. However, the file name must start with CRD and must end with .ALW. A file named CRD0115\_1.ALW and a file named CRD0115\_2.ALW are OK. A file named 1\_CRD0115.ALW is not OK. This flexibility in file names lets you download multiple ALL-Ways Custom Card Data Files on the same day.**

- 5 Click on the file name to start the download process.

**The file must be downloaded into or moved to your Frandata folder.**

**NOTE: Custom Card files are never Zipped. So, there is no need to UnZip them after you download them.**

The screenshot shows the "Custom Card" web page in Microsoft Internet Explorer. The browser's address bar displays the URL: <https://www.brisnet.com/secure-bin/brisclub/customcard.cgi?filetype=H>. The page contains several form fields and buttons for creating a custom card. The "File Type" is set to "ALL-Ways". The "File Name" is "CRD0106.ALW". The "Date" is "2002-01-06". The "Track" is "All". The "Profile" is "Use a Profile". The "Post Time" is "12:00pm" to "12:00pm (EST)". The "Distance" is "2f" to "3m". The "Surface" is "All". The "Field Size" is "Min" to "Max". The "Race Type" is "All". The "ALL-Ways Pace" is "All". The "ALL-Ways Rating" is "Min" to "Max". The "State Bred" is "All". The "First Time" is "All". The "Purse Value" is "Min" to "Max". The "Age / Sex" is "All Ages" and "No Restrictions". The "Wager Type" is "All". There are buttons for "Search for Races", "Reset Search Form", and "Create Card".

**Figure 3.3 ALL-Ways Custom Card™ Web Page on [www.brisnet.com](http://www.brisnet.com)**  
Custom Card is a trademark of Bloodstock Research Information Services

## **How to Use BRIS Custom Card with ALL-Ways (continued)**

From this point on, you process the ALL-Ways Custom Card file the same as you would any other ALL-Ways Race Card file. The key is that you must use “CRD” as the track code.

### ***How to Create and Download an Early Track Data file for the ALL-Ways Custom Card File***

**NOTE:** Custom Card will show an asterisk (\*) next to the track name in the selection criteria if the races include late scratches, official Saddlecloth numbers and Morning Line Odds. If one or more of the tracks are missing this asterisk, you can later download an Early Track Data file that matches the ALL-Ways Custom Card file.

- 1 →Click “FILE TYPE” and select Early Track Data.
- 2 →Click Prior File and select the ALL-Ways file (.ALW)
- 3 →Click “CREATE FILE”
- 4 →Click on the resultant file name that is displayed on the screen to download the file.

**The file must be downloaded into or moved to your Frandata folder.**

That is all that is required. So long as the file is in your Frandata folder, ALL-Ways will extract the information when you run the Race Card function and when you handicap the races in the Handicapping Module.

### ***How to Create and Download an Exotic Results Data file for the ALL-Ways Custom Card File***

- 1 →Click “FILE TYPE” and select Exotic Results
- 2 →Click Prior File and select the ALL-Ways file (.ALW)
- 3 →Click “CREATE FILE”
- 4 →Click on the resultant file name that is displayed on the screen to download the file.

**The file must be downloaded into or moved to your Frandata folder.**

### ***How to Handle Custom Card Files After You Download Them***

The key to using ALW, ETD and XRD Custom Card files in ALL-Ways is to use CRD as the track code.

- 1 →Process the ALW file in the DATABASE- PROCESS DATA FILE just as you would a regular ALW file, except use CRD as the track code. ALL-Ways will automatically properly handle track Pars, track-to-track adjustments and other track specific data for each individual track in the Custom Card.
- 2 →(Optional) Process the Custom Card file using the Race Card function in the Analysis Module. Again, use CRD as the track code. ALL-Ways will then print out a Race Card Summary page or pages showing the key information about each race on the Custom Card including the post times. If you have a Race Database for a track in the Custom Card file, ALL-Ways will also show you the best Handicapping Factors for the individual race. If you have a Race Database and if you turned on the options in the Race Card function, ALL-Ways will also create a Race Card Factor (rc) profile and a Race Card MRA (rcmr) profile for the specific track. These profiles will automatically be available to you at handicapping time.
- 3 →Handicap the races in the ALL-Ways Handicapping Module using CRD as the track code. ALL-Ways will show you the Race Card race number as well as the actual Host track code and Host race number. Also, the Handicapping Profiles for the Host track will automatically be presented for you to use.

**NOTE:** If you downloaded the matching Custom Card ETD file into your Frandata folder, ALL-Ways will extract the late scratch, Saddlecloth program numbers and Morning Line Odds in both the Race Card and Handicapping functions.

- 4 →After the races are run and you download the matching XRD file, you process it in the DATABASE – ENTER RESULTS Module just like any other XRD file except that you use CRD as the track code.
- 5 →After you enter the results, you should split out the individual races in the Custom Card to the correct track Race Databases. To do this, simply use the SPLIT function in the DATABASE – ENTER RESULT Module as shown below.

## How to Use BRIS Custom Card with ALL-Ways (continued)

Over time, you will keep adding new races and results for the tracks included in your Custom Cards. As you build up these Race Databases, you will be able to use ALL-Ways to create Handicapping Profiles for the tracks and to use all the functions in the Analysis Module. You can accelerate this process by downloading ALL-Ways Race Card Data Files and matching Exotic Results Data Files from the BRIS Archive files.

### ◆ HOW TO SPLIT OUT SIMULCAST AND CUSTOM CARD RACES

In this age of simulcasting, many track race programs include races run at a different track. There are also some tracks that alternate their races with those of another track, such as Thistledown and Beulah. And, if you download an ALL-Ways Race Card Data file using BRIS Custom Card, there may be many different tracks in the data file. Ideally, you would like to remove these simulcast and Custom Card races from today's track Race Database (or the special Custom Card (CRD) Race Database) and put them into the Race Databases for the actual tracks at which the races were run. The SPLIT function in the Results Update Module allows you to do just that.

**To split out races:** After you enter the track code, simply click the 'SPLIT' button in the Results Update Module and ALL-Ways software will delete the races from "today's" track database and add them to the database for the Host track, i.e., the track where the races were actually run.

**In the case of a Custom Card race card, we suggest you enter the results from the Custom Card XRD file before splitting out the races. This way, the Host track races will have the race results.**

In other cases, if the XRD file does not have results for the embedded simulcast races, you should split out the simulcast races and then process the results file(s) for the simulcast track(s). Note, if a single race is split out for a track, you may want to use the ZIP Flash Results data files that are available from BRIS instead of the XRD file. At this time, the Flash Results files are provided by BRIS at no charge.

# chapter 4

**handicapping module** The Handicapping Module is where you will actually handicap the races and print out the handicapping reports that you will take to the track.

- 35 How to select the handicapping reports to print**
- 36 How to limit the All Factor Report to a single page**
- 37 How to display the On-Screen handicapping report**
- 38 How to use the Custom Reports (print and/or display)**
- 39 How to select the race to handicap**
- 39 How to include saddlecloth numbers and Morning Line Odds (ALL-Ways Only)**
- 39 How to automatically handicap first time starters**
- 39 How to scratch horses from the race**
- 39 How to read the race information display**
- 41 How to handle off tracks**
- 41 How to select and apply Handicapping Profiles**
- 41 Handicapping profiles for Simulcast and Custom Card races**
- 42 Brief explanations of the types of Handicapping Profiles**
- 43 How to modify how ALL-Ways selects contenders**
- 44 Brief explanation of Gap Search, Key Horse Search and Custom Search**
- 44 How to learn to use the handicapping reports**
- 45 How to show Handicapping Profile performance statistics on reports**
- 45 Brief explanations of the handicapping reports**
- 51 What reports to take to the track**

### IMPORTANT (ALL-Ways Only)

If you download an ALL-Ways software datafile that has a “p” designation next to the race data such as “14p”, the file will include program scratches, official program numbers (saddlecloth numbers) and Morning Line Odds. If the file does not have a “p” designation this information will be missing. In this case, ALL-Ways software will print the post position number of the horse that is in this early datafile. The post position number may not match the actual going off post position or the official program number.

If you download a datafile without the “p” designation you can later download and unzip the corresponding Early Track Datafile (ETD file) into your FRANDATA folder. In this case, ALL-Ways software will automatically extract the scratches, program numbers and Morning Line Odds and reflect this information on handicapping reports.

ALL-Ways - [ALL-Ways Handicapping Module]

race: 6, surf: ☒ DIRT, ☐ TURF, asr: 2, distance: 6 furlongs, rating: 117.1, state: no, cond: ☒ DRY, ☐ OFF, type: N, PURSE \$: 250000, esp: E E E, cat: conten

6th at GPX

HANDICAPPING REPORTS TO BE PRINTED

☒ contender, ☐ bias-J/T, ☐ pace past perf, ☐ oddslines, ☐ suitability, ☒ custom, ☒ paceline, ☐ full pedigree, ☒ dangerous, ☐ all factors, ☐ form numbers, ☐ on screen report, ☒ search, ☐ form graphic, ☒ top10/rank, ☐ brohamer plus, ☐ past perf, ☐ all pace

PROFILE 1: fast ds, CLEAR, FOCUS

PROFILE 2: rcmr jan 25 gpx# 6, CLEAR, FOCUS

PROFILE 3: rc jan 25 gpx# 6, CLEAR, FOCUS

Last Race Handicapped: saddlecloth? yes

gpx profile list

- rc jan 25 gpx# 7
- rc jan 25 gpx# 8
- rc jan 25 gpx# 9
- rc jan 25 gpx# 10
- rc jan 25 gpx# 11
- rcmr jan 25 gpx# 1
- rcmr jan 25 gpx# 2
- rcmr jan 25 gpx# 3
- rcmr jan 25 gpx# 4
- rcmr jan 25 gpx# 5
- rcmr jan 25 gpx# 6
- rcmr jan 25 gpx# 7
- rcmr jan 25 gpx# 8
- rcmr jan 25 gpx# 9
- rcmr jan 25 gpx# 10
- rcmr jan 25 gpx# 11

JAN 25 03 6, race OK, GPX, track OK

GO

running horses (RED), 1st timers (PURPLE), scratched horses (BLACK)

|                                                        |                                                       |                                             |
|--------------------------------------------------------|-------------------------------------------------------|---------------------------------------------|
| 1 <input checked="" type="checkbox"/> chispiski        | 6 <input checked="" type="checkbox"/> brite sunny day | 11 <input type="checkbox"/> jetinto houston |
| 2 <input checked="" type="checkbox"/> icantgoforthat   | 7 <input checked="" type="checkbox"/> fly me crazy    |                                             |
| 3 <input checked="" type="checkbox"/> warren's whistle | 8 <input type="checkbox"/> four pennies               |                                             |
| 4 <input checked="" type="checkbox"/> wish it were     | 9 <input checked="" type="checkbox"/> maria's mirage  |                                             |
| 5 <input checked="" type="checkbox"/> shameful         | 10 <input checked="" type="checkbox"/> madame pietra  |                                             |

SELECT PROFILE(S) AND THEN CLICK GO.

RESET, SKIP RACE, MAIN, QUIT

start, ALL-Ways Scre..., v10 Handicap.b..., IMSI Capture S..., ALL-Ways - [AL..., 5:40 PM

Figure 4.1 Handicapping Module main screen

### **To begin the handicapping session:**

- 1 → Click “HANDICAP” in the Main Menu

The handicapping screen will appear as shown in Figure 5.1

- 2 → Type the three character track code for the track you want to handicap in the highlighted text box and then click “TRACK OK”

**NOTE: If you are handicapping an ALL-Ways Custom Card race card, you must enter CRD as the track code.**

Two things happen now. First, ALL-Ways software loads the track bias information for the track. Second, the races in the Race Database for the track are put in the race list (top right of screen). This may take a few seconds if you have a lot of races in the Race Database for the track.

---

### **IMPORTANT**

***If the races you want to handicap are not in the Race List, it means the ALL-Ways Race Card Data File was not processed in the DATABASE – PROCESS DATA FILE module. You must always process ALL-Ways Race Card Data Files, after you download and Un-Zip them, using the PROCESS DATA FILE function. This is how the races get added to your Race Database for the track so they are there for you to handicap in the Handicapping Module.***

---

### **◆ HOW TO SELECT THE HANDICAPPING REPORTS TO PRINT**

There are 17 different handicapping reports you can print. They are listed below and explained in detail later in this chapter. The 17 handicapping reports are:

- Contender Summary and Exacta Matrix Report
- Oddsline Report
- Paceline Report
- All Factors Report (Factor Values and/or Ranking Values and/or Gap Values)
- Search Report
- Top 10/Ranking Report (can be customized in the Professional Edition)
- Past Performance Report
- Track Bias and Jockey/Trainer Report
- Suitability and Pedigree Report
- Full Pedigree Report

## How to Select the Handicapping Reports to Print (continued)

- Form By The Numbers Report
- Form Graphs (*Professional Edition only*)
- Brohamer Plus Report
- All Pace Report (*Professional Edition only*)
- Pace Past Performance Report
- Custom Reports (*Professional Edition only*)
- Dangerous Non Contenders List

**NOTE: You may select one, all or any combination of reports. However, you must select the On-Screen report or at least one printed report (other than “Dangerous Non-Contenders”) in order to handicap a race.**

To select a report, simply click on the report name. When you do, the report name will change from black to red and a check mark will appear. You can “un-select” a report by clicking on its name again. The name will return to black and the check mark will disappear.

### **Four reports require special comment:**

#### **All Factors Report**

##### ***Three Versions***

The All Factors can be printed three different ways. First, it can be printed showing the horse’s values for each of the 87 Primary Handicapping Factors. Second, it can be printed showing the horse’s ranking for each factor. Third, it can be printed showing each the horse’s Gap advantage or Gap disadvantage for each of the 52 Gap Factors. You can print any individual report or any combination of reports or all three versions. You select which of the reports you want to print using the CUSTOM-PREFERENCES Module.

#### **How to Limit the All Factors Report to a Single Printed Page**

You can also specify which of the 87 Primary Handicapping Factors you would like printed on the All Factors reports by using the CUSTOM-PREFERENCES Module. If you print all 87 factors, the report requires two pages to print. If you narrow down the factors to only 65 or so factors, depending on your printer, the reports will print on a single page.

#### **Top 10/Ranking Report**

The standard Top 10/Ranking Report includes three top 10 factors and sixteen ranked factors. In the Professional Edition, you can change the specific factors by customizing the report in the CUSTOM – RANKING module. There are a total of 66 Handicapping Factors from which to select your preferred factors.

#### **Form Graphs (*Professional Edition only*)**

When you click on the “Form Graphs” reports, the “SELECT FORM GRAPHS” screen temporarily appears. There are 12 different form graphs you can select. You can select one, all or any combination of the following:

## How to Select the Handicapping Reports to Print (continued)

- HALL Early Pace Graph
- HALL Final Fraction Graph
- HALL Speed Graph
- HALL Combined Graph (early pace plus final fraction)
- HALL Total Graph (early pace plus speed)
- HALL Turn Time Graph
- BRIS Early Pace Graph
- BRIS Final Fraction Graph
- BRIS Speed Graph
- BRIS Combined Graph (early pace plus final fraction)
- BRIS Total Graph (early pace plus speed)
- BRIS Class Rating Graph

You “select” and “de-select” these form graphs by clicking the form graph names. You can cancel all selections by clicking “CANCEL”. You can return to the handicapping screen by clicking “DONE”.

### Dangerous Non-Contender List

All reports print for each race handicapped except for the “Dangerous Non Contender” report. This report only prints when you are done with the handicapping session for the track. This occurs when you click either the “RESET”, “MAIN” or “QUIT” buttons. The “Dangerous Non Contender” report is then automatically printed at one time for all the races.

## ◆ HOW TO DISPLAY THE ON-SCREEN HANDICAPPING REPORT

In the “Handicapping Reports To Be Printed” section of the Handicapping Module main screen, you will see an “On-Screen Report” check box option. If you click this option on with the mouse pointer, you will be able to view the On-Screen Handicapping report.

When you turn this option on, two command buttons will appear:

### ***“Show Screen Report” button***

This button will be visible but will not be operative until you have handicapped a race (by clicking the “Go” button as usual). After you have handicapped the race, clicking on this button will display the On-Screen Report showing all horses.

### ***“Print Selected Reports” button***

If you have selected the On-Screen Report, you can also select handicapping reports to be printed. However, these reports will *not* automatically print on your printer. To get them to print on your printer, you must click the “Print Selected Reports” button. If you have *not* selected the On-Screen Report, the selected handicapping reports will print automatically.

---

### **IMPORTANT**

***If you have selected the On-Screen report, printed handicapping reports will not print automatically. You must click the “PRINT SELECTED REPORTS” button to force them to print.***

---

### **Viewing the on-screen reports**

After you have handicapped a race by clicking the “GO” button on the Handicapping Module main screen, you can click the “Show Screen Report” button to view the On-Screen Report. The first report presented always shows all horses in the race. You can then toggle between all horses or only contenders by clicking the option buttons at the bottom of the On-Screen Report. You can also toggle between showing the report (by clicking the “Show Screen Report” on the Handicapping Module main screen) and hiding the report (by clicking the “Hide Report” button on the On-Screen Report).

A brief explanation of how to read the On-Screen report is included in a later section of this chapter. A detailed explanation of the report headings is included in Appendix C. A detailed explanation of all handicapping factors is included in Appendix B.

### **◆ HOW TO USE THE CUSTOM REPORTS (*Professional Edition only*)**

ALL-Ways software includes a special handicapping report capability which is called Custom Reports. In the REPORTS section of the CUSTOM Module, you can create your own handicapping reports. It is a very simple “point-and-click” process to create a report. ALL-Ways software allows you to create up to 28 different reports with just the information you want to see. One important feature of these Custom Reports is that, at handicapping time, you can instruct ALL-Ways software which custom reports you want to use and whether you want them to print on your printer or to display on your computer monitor screen or both.

To get to the Custom Reports in the Handicapping Module, simply click on the CUSTOM report button. You will see a screen that lists, by name, all the Custom Reports you have created. If you have not created a Custom Report, there will still be two reports listed. These are the Standard On-Screen Report and the Standard Automatic Profile Report. These two reports will always be the first two reports listed on the Custom Report screen.

#### **Standard On-Screen Report:**

This report is identical to the On-Screen Report on the main Handicapping Module screen. Selecting this report on the Custom Report screen accomplishes the same thing as selecting it on the Handicapping Module Screen.

#### **Standard Automatic Profile Report:**

This report will automatically generate a Custom Handicapping Report that shows all of the handicapping factors that are included in the Handicapping Profile that you have assigned to Profile Position #1. Again, you can instruct ALL-Ways software to print the report or to display it on your computer monitor screen or both by simply clicking on the appropriate check box.

#### **Other Custom Reports:**

If you have created your own Custom Reports, they will be listed and you can instruct ALL-Ways software to display and/or print them by clicking the appropriate check box.

## How to Use the Custom Reports (Professional Edition only) (continued)

**Reminder:** If any Custom Report is checked to be displayed on your computer monitor screen, no ALL-Ways software handicapping report, whether custom or standard, will print to your printer until you click the “PRINT SELECTED REPORTS” button on the Main Handicapping screen.

### ◆ HOW TO SELECT THE RACE TO HANDICAP

1 → Click the race in the race list

2 → Click “RACE OK”

The horse names will now appear as well as important information about the race (in the upper left portion of the screen). Running horses are shown in red, first timers are shown in purple and scratched horses are shown in black.

### ◆ HOW TO INCLUDE SADDLECLOTH NUMBERS AND MORNING LINE ODDS (ALL-WAYS ONLY)

If you download an ALL-Ways software datafile with the ‘p’ designation or if you download the Early Track Datafile for a race card into your FRANDATA directory/folder, saddlecloth numbers (**official program numbers**) will be printed on all handicapping reports instead of post position numbers. **Morning Line Odds**, along with the odds calculated by ALL-Ways software, will be printed on the Contender Summary Report, the Oddsline Report and the Paceline Report. Having this information before you go to the track is a great help in planning your wagers in advance. While you are handicapping the races, the Saddlecloth label on the Handicapping Module screen display will indicate “yes”. This lets you know that ALL-Ways software has found the information.

### ◆ HOW TO AUTOMATICALLY HANDICAP FIRST TIME STARTERS

ALL-Ways software **automatically handicaps first time starters** and does so using a dynamic scale and a self adjusting algorithm that makes the probability and oddsline comparable to and integrated with the probability and oddsline of the other horses in the race (i.e., non first time starters). This feature can be turned on or off by setting your preference in the PREFERENCE section of the CUSTOM module.

### ◆ HOW TO SCRATCH HORSES FROM THE RACE

To scratch a horse, click on the horses name. The name will turn black and the check mark will disappear. To “unscratch” a horse, click on the horses name again. The name will change back to red and the check mark will reappear.

**Note:** Horse whose names are shown in a purple color are first time starters.

### ◆ HOW TO READ THE RACE INFORMATION DISPLAY

Important information about the race you are handicapping is displayed in the upper left portion of the screen. This race information will help you select the Handicapping Profiles to apply to the race.

RACE #: The race you are currently handicapping (the race number for the track code you entered)

TRACK: The race number and track where the race is being run (the host track and race number)

SURF: Indicates if the surface is dirt or turf (whichever one is red). Also, for Aqueduct, Belmont and Saratoga, this will indicate if the track is the main or the inner track. **Capital letters designate main tracks. Lower case letters designate inner tracks.**

COND: Indicates a dry track or an off track (whichever is red). This will always be dry the first time you handicap a race.

## How to Read the Race Information Display (continued)

ASR: This stands for “AGE/SEX RESTRICTION” and will be a number from 1 to 5 as shown below:

1 is 3 year and up male or female  
 2 is 3 year and up female only  
 3 is 2 year olds only  
 4 is 3 year only male or female  
 5 is 3 year only female only  
 TYPE: The type of race

G 1-3 Graded Stakes or Handicap  
 G, N Non-Graded Stakes or Handicap  
 A, R Allowance, Restricted Allowance  
 C, CO Claiming, Optional Claiming  
 S Maiden Special Weight  
 M Maiden Claiming

DIST: Distance of the race

PURSE \$: Purse for the race. Changes to claiming price for claiming races.

CLAIMS\$

RATE: The BRIS race rating calculated by ALL-Ways software for the race. This rating may change when horses are scratched.

ESP: The projected ESP running style of the race. This projected ESP may change as horses are scratched.

The projected ESP running style is determined by the individual running styles of the horses. Horses are assigned a preferred ESP running style classified as follows:

“E” (Early) Wants and needs the lead

“EP” (Early Presser) Can handle the lead but can also press the pace 1 to 3 lengths back

“P” (Presser) Doesn’t want the lead but stays in contact with the field usually running 4 to 6 lengths back

“S” (Sustainer) Like to run from way off the pace and make a late rally

ALL-Ways software projects the ESP running style of the race based on the chart shown below.

### PROJECTED RUNNING STYLE OF THE RACE

| STYLE | EARLY<br>HORSES | EARLY PRESSER<br>HORSES | PRESSER<br>HORSES | SUSTAINER<br>HORSES |
|-------|-----------------|-------------------------|-------------------|---------------------|
| EEE   | 3 or more       | Any #                   | Any #             | Any #               |
| EE    | 2               | Any #                   | Any #             | Any #               |
| E EP  | 1               | 1 or more               | Any #             | Any #               |
| E     | 1               | None                    | Any #             | Any #               |
| EP EP | None            | 2 or more               | Any #             | Any #               |
| EP P  | None            | 1                       | 1 or more         | Any #               |
| EP    | None            | 1                       | None              | Any #               |
| PP    | None            | None                    | 2 or more         | Any #               |

## How to Read the Race Information Display (continued)

|    |      |      |      |       |
|----|------|------|------|-------|
| PS | None | None | 1    | Any # |
| S  | None | None | None | All   |

STATE: “Yes” or “No” indicates if this race is restricted to state bred horses.

CATEGORY: Indicates if the race is a “CHAOS” race, a “CONTENTIOUS” race or an “ORDERLY” race. See the Race Screens section in the Analysis Module chapter for an explanation of these categories.

### ◆ HOW TO HANDLE OFF TRACKS

If you know the track will be “OFF” (i.e., not fast), you should click the “OFF” button in the “COND” display. If you know the race will be taken off the turf and moved to the dirt, you should click on the “DIRT” button in the “SURF” display.

There are two reasons to make these changes. **First, if the race is moved off the turf onto the dirt, ALL-Ways software will handicap the race appropriately. The Comprehensive Rating will be calculated for dirt instead of turf and a dirt paceline will be used instead of a turf paceline.** Second, all of the Analyses done on these races in the Analysis Module will be correctly handled to reflect the actual race surface and track condition.

**NOTE: Changing from a “dry” to “off” track will not affect handicapping the race. If you want to handicap an “off” track, you should create and use handicapping profiles specifically aimed at “off” track races.**

If you encounter an off track situation *after* you handicap, you should make these changes at the time you enter the race results in the Results Update Module. Note that when you use Automatic Results Entry, any such changes will automatically be made for you.

### ◆ HOW TO SELECT AND APPLY HANDICAPPING PROFILES

After you clicked “RACE OK”, the list in the upper right part of the screen changed from the Race List to the Handicapping Profile List. This list will show the default Handicapping Profiles supplied with ALL-Ways software, any Multiple Regression Analysis (MRA) profiles you created in the Analysis Module, any Race Card Profiles you created in the Analysis Module and any custom Handicapping Profiles that you created in the Profile Module.

In the Professional Edition, ALL-Ways software lets you use up to three different Handicapping Profiles for any race you handicap. You must select at least one Handicapping Profile as Profile #1 in order to handicap a race.

#### **To select and apply a Handicapping Profile:**

Click the “FOCUS” button for Profile 1 or Profile 2 or Profile 3. Then click a Handicapping Profile name in the Handicapping Profile list. The name of the Handicapping Profile will now appear in the appropriate profile box. Repeat this process to apply a Handicapping Profile to each of the three profile boxes. Note that the Standard Edition uses only a single profile.

### ◆ HANDICAPPING PROFILES FOR SIMULCAST AND CUSTOM CARD RACES

ALL-Ways software automatically loads and displays the correct Handicapping Profiles for the specific track at which the race is being run. The track code for the active Profile List is shown at the top of the list. So, in the case of a simulcast race at a track other than the track you are handicapping and always in the case of Custom Card races, ALL-Ways software will automatically present you with the correct profiles for the Host Track.

## ◆ BRIEF EXPLANATION OF THE TYPES OF HANDICAPPING PROFILES

Please see the Analysis Module chapter for a thorough explanation of these additional Handicapping Profiles and for an explanation of the naming conventions used to identify the profiles in the Handicapping Module Profile List.

### **Original Default and MRA Default Handicapping Profiles**

When first using ALL-Ways software to handicap races at a track, you will use the Default Handicapping Profile originally supplied with ALL-Ways software. After you handicap a few race cards and build up your Race Database a bit for a track, you should go to the Analysis Module and use the MRA Default function (MRA = Multiple Regression Analysis) to **automatically** create MRA Default profiles that are keyed to the specific track. You should regularly update these MRA Default profiles. It is easy. All you do is click a button. Here are the eighteen Default Handicapping Profiles.

|                  | NON-MAIDEN<br>DIRT SPRINTS | NON-MAIDEN<br>DIRT ROUTES | ALL-TURF<br>SPRINTS | ALL TURF<br>ROUTES | MAIDEN<br>DIRT SPRINTS | MAIDEN<br>DIRT ROUTES |
|------------------|----------------------------|---------------------------|---------------------|--------------------|------------------------|-----------------------|
| <b>Profile 1</b> | df: ds                     | df: dr                    | df: ts              | df: tr             | df: ds maid            | df: dr maid           |
| <b>Profile 2</b> | df: ds early               | df: dr early              | df: ts early        | df: tr early       | df: ds maid early      | df: dr maid early     |
| <b>Profile 3</b> | df: ds late                | df: dr late               | df: ts late         | df: tr late        | df: ds maid late       | df: dr maid late      |

The “early” profiles favor early runners. The “late” profiles favor late runners. The other profiles do not differentiate between running styles. In the Standard Edition, we suggest you use the appropriate non-pace biased profile.

When you replace these original Default Handicapping Profiles, the names of the profiles will change from “DEF:” to “M1:”. So, the df: ds early profile becomes m1: ds early.

**NOTE:** Please see page 57 in the Analysis Module for a further explanation of the Profile Naming Convention.

**NOTE:** Please refer to Appendix “G” (Frequently Asked Questions) for ideas as to which profiles to select for particular types of races.

### **MRA Pace Handicapping Profiles**

The MRA Pace function in the Analysis Module **automatically** creates Handicapping Profiles based on Race Pace Shapes (Fast Early, Lone Early, Honest and Slow). These new profiles will be added to the bottom of the profile list in the Handicapping Module. You can select these profiles to handicap a race instead of the default profiles.

The Race Pace Shapes profiles are much more targeted at very specific sets of races and, consequently, are very powerful. This concept of Race Pace Shapes was first introduced by Frandsen Publishing in the ALL-Ways Newsletter dated October 1996. The concept has proven to be very, very powerful. We strongly suggest you read this article. You will find it on the Frandsen Publishing website.

### **MRA Custom Handicapping Profiles (Professional Edition)**

You can **automatically** create custom Handicapping Profiles aimed at very specific race types that you define any way you like. You assign the profile name when you create the profile.

### **Race Card Handicapping Profiles**

You can **automatically** create a different Handicapping Profile for each individual race on the race card. These profiles

are pinpointed to the exact characteristics of each individual race. Race Card Factor profile names begin with “rc”. Race Card MRA profile names (Professional Edition) begin with “rcmr”.

### **Manual Custom Handicapping Profiles**

You can use the ALL-Ways Profile Module to create your own personal Handicapping Profiles. You decide what factors to use and how to weight them and you assign a profile name. See the Profile Module Chapter for an explanation of how to create your own profiles.

### **◆ HOW TO MODIFY HOW ALL-WAYS SOFTWARE SELECTS CONTENDERS**

ALL-Ways software gives you some control over how ALL-Ways software selects contenders. You do not need to make any changes. If you would like to make changes, please see how to set your preferences for contender selection in the Custom Module Chapter of this manual.

### ***The last step***

**At this point you should have:**

- Selected the handicapping reports to print
- Selected a race to handicap
- Scratched any late scratched horses
- Changed the track condition if appropriate
- Changed the track surface if appropriate
- Selected from 1 to 3 Handicapping Profiles

**The last step is to click “GO”**

### ***What you will notice***

ALL-Ways software saves appropriate information to the track’s Race Database file, handicaps the race and then prints the handicapping reports (except the Dangerous Non Contender report which is printed at the end of the entire handicapping session). ALL-Ways software displays what it is doing at all times in order to keep you informed of progress.

### ***Printing the handicapping reports***

The initial tendency is to print all of the available handicapping reports. This can easily lead to information overload. Instead, we suggest you start out with just the following reports: 1) Contender Summary; 2) Paceline Report; 3) Past Performance Report (No need to buy a Racing Form); 4) Dangerous Non-Contender Report (prints only one page for the entire race card). You can do a very good job of handicapping with just these reports. Then you can experiment to see if the other Handicapping Reports should be added to your routine.

We also recommend that you *not* print all of the form graphs. Generally one or two are all you will need to accurately assess a horse’s form cycle.

## How to Modify How ALL-Ways Selects Contenders (continued)

The reports for one race will print while you move on to handicap another race. But, you will handicap faster than the reports will print, particularly if you have other than a laser printer (i.e., ink jet or dot matrix).

**NOTE: You do not have to wait for the handicapping reports to print in order to continue handicapping the races. Windows Print Manager will print the reports automatically when it has time to do so.**

### ◆ BRIEF EXPLANATION OF GAP SEARCH, KEY HORSE SEARCH AND PRO CUSTOM SEARCH

#### **Gap Search** (See Chapter 6 for details)

When you select the new Search Report in the Handicapping Module, ALL-Ways software automatically examines every horse in the race for all 52 Gap handicapping factors and lists each case where the Gap Statistics exceed either a 33% win percentage *or* a 5% positive win bet ROI *or* a 70% in-the-money percentage. You are shown the horse's name, the handicapping factor, the Gap value (from 1 to 10+), the number of qualifying horses in the Gap Statistics file and the win%, win ROI% and ITM% for these Gap qualifying horses, also from the Gap Statistics file. If you have built up a Race Database for a track and run the Gap Analysis for the track in the Analysis Module, the Gap Statistics used will be for the specific track you are handicapping. If you do not have such a Race Database or if you have not run the Gap Analysis, ALL-Ways software will automatically use the Default Gap Statistics that came with ALL-Ways software.

#### **Key Horse Search** (See Chapter 6 for details)

ALL-Ways software evaluates the Gap Statistics, proprietary “behind-the-scenes” ALL-Ways Key Horse Statistics, Profile Performance Statistics for the Handicapping Profile(s) you used to handicap the race and situational factors based on the pace pressure and other match-up considerations specific to the race. ALL-Ways software then presents you with four prime candidates for a Key Horse. These Key Horse Candidates are shown with detailed information on the Search Handicapping Report. They are also identified on the Contender Summary, Odds-Line, Paceline and All Factors handicapping reports. Here is an explanation of the Key Horse designations used on these reports.

- K1 = top ranked Key Horse Candidate
- K2d = 2<sup>nd</sup> ranked Key Horse Candidate. Also a Dual BE-BL qualifier (best early-best late)
- K3 = 3<sup>rd</sup> ranked Key Horse Candidate
- K4 = 4<sup>th</sup> ranked Key Horse Candidate

#### **Pro Custom Search** (Professional Edition Only) (See Chapter 6 for details)

The Pro Custom Search feature lets you design your own personal handicapping angles which, in ALL-Ways software, are called Custom Search Definitions. You can then test these angles against your track database(s) for win and in-the-money percentages, average win payoff and win bet ROI. At handicapping time, ALL-Ways software will evaluate every angle that you have designated for the specific type of race being run and find all horses that qualify based on the Custom Search Definition elements. ALL-Ways software will then show you the search results on the Search Handicapping Report.

### ◆ HOW TO LEARN TO USE THE HANDICAPPING REPORTS

ALL-Ways software neatly organizes the myriad of handicapping information into well organized handicapping reports that make it easy to make horse-to-horse comparisons. Learning to use ALL-Ways software handicapping reports will be a relatively fast process. After a few trips to the track, you will be able to use the reports without referring to this manual.

This manual contains some very useful information to help you get the most out of the ALL-Ways software handicapping reports and to help you “come up to speed” very rapidly.

## How to Learn to Use the Handicapping Reports (continued)

Appendix C contains an explanation of every heading on every handicapping report. To conserve space on reports, ALL-Ways software sometimes uses abbreviations to explain a column or row of data. If you do not understand an abbreviation, just look up the explanation in Appendix C. After a short while, these abbreviations will become automatically recognizable by you.

Appendix B contains an explanation of every handicapping factor available in ALL-Ways software. This will be a good reference guide for you as you learn to use the ALL-Ways software reports.

The balance of this chapter provides a brief explanation of each handicapping report.

### ***We suggest you proceed as follows:***

- 1 → Glance through Appendix B (Handicapping Factors) to get a quick overview of the information provided by ALL-Ways software. Just do a cursory review of the handicapping factors for now. You can study any individual factor on a reference basis when you want to use it.
- 2 → Read the balance of this chapter to learn the intended purpose of each handicapping report.
- 3 → Refer to Appendix C (Report Headings) only if a report heading is not intuitively obvious to you. You will be surprised how little you need to refer to this reference material.

### ◆ **HOW TO SHOW HANDICAPPING PROFILE PERFORMANCE STATISTICS ON HANDICAPPING REPORTS**

The win percentage and in-the-money percentage performance of your Handicapping Profiles will be printed on selected reports for both the first and second picks of the profile. The reports include the Odds-Line Report, the Paceline Report and the Search Report. However, you must run the Database Run Analysis in the Analysis Module and use the Automatic DB Run Function. This will run every Handicapping Profile against the appropriate races in your Race Database for the track and save the performance statistics in the file for the Handicapping Profiles. Note that you do not need to print out the One-Line DB Run Report. You just need to run the DB Run Analysis. **Professional Edition users can do all of this automatically.** Simply turn on the Profile Performance Statistics option when you run the Automatic function in the Analysis Module.

It is important to note that the Profile Performance Statistics are erased whenever the profile is changed, such as when running the MRA functions, either one at a time or, in the Professional Edition, as part of the Automatic Function to update all your profiles at one time. You can calculate and save new performance statistics by following the instructions above.

### ◆ **BRIEF EXPLANATIONS OF THE HANDICAPPING REPORTS**

This part of the manual gives you a brief explanation of each handicapping report and how you may want to use the reports in your handicapping activities. Again, a thorough explanation of each handicapping report is included in Appendix C.

A set of sample handicapping reports is included in the pocket on the inside front cover of this manual. You may find it useful to refer to these sample reports as you read how to use the ALL-Ways software handicapping reports.

### ***Contender Summary and Exacta Matrix***

This is the report that you will use for every race. Sometimes it will be the only report you will refer to because it covers every key handicapping category needed for comprehensive handicapping.

## Brief Explanations of the Handicapping Reports (continued)

This top of the report summarizes the information you need to assess the contender's relative abilities. The information is grouped as follows:

*Profile Picks:* Shows the Win, Place and Show picks of each of the Handicapping Profiles you used to handicap the race. The picks are in order of profile 1, then profile 2, then profile 3.

*Comprehensive:* The points earned by the horse for each of the components of the Comprehensive Rating as well as the horse's Total Comprehensive Rating.

*ESP and Percent Early:* The horse's preferred ESP Running Style and early energy expenditure.

*Pace and Speed:* The HALL and BRIS pace and speed figures for the paceline selected by ALL-Ways software and for the best 2 out of the horse's last 3 races.

**NOT LABELED:** Directly under the last race speed figures you will see a line that looks something like **DS/FT/SP/3**. This notation is divided into four parts: **1)** surface and distance category where D = dirt, T = turf, S = sprint, R = route; **2)** track condition; **3)** race shape; **4)** finish position. This notation quickly tells you the surface, distance, track condition, Quirin Race Shape and finish position of the horse in its last race.

*Distance:* An analysis of the horse's suitability to handle the distance.

*Surface:* An analysis of the horse's suitability to handle the surface. Note that for dirt races, this group includes the TRUE DIRT SPEED factor. For turf races it includes the BRIS TURF CLASS rating.

*Win/Good True:* Indicates if the horse has had a win or run a good race for the same distance category and surface.

*Form:* Shows several powerful factors indicating the horse's current form including days since last race and days since last good race, HAMBLETON Form Points, stretch gain performance and workout analysis.

*Class:* Ratings that indicate the horse's current class and whether the horse is actually moving up or down in class. (Note: This is a powerful class evaluator ... more powerful than traditional methods of determining class moves such as comparing claiming prices or moving from the claiming ranks to allowance company.

*Weight:* Today's weight assigned to the horse.

The bottom of the report is the Exacta Matrix. This part of the report displays, within each matrix cell, the fair Exacta payoff on the left and the premium payoff you should demand on the right. The fair and premium Exacta payoffs are calculated for every combination of Win / Place finishes of the contenders. You should compare these payoffs with the projected payoffs shown at your track and make your betting decisions based on the value presented to you.

You will also see some shorthand notations indicating the following:

|                                   |                                                                   |
|-----------------------------------|-------------------------------------------------------------------|
| Above the jockey's name:          | Positive and/or negative statistics for the jockey and/or trainer |
| Along side the ESP Running Style: | Positive or negative running style bias                           |
| Along side the horse's weight:    | Lasix and blinkers status                                         |
| Along side the post position:     | Positive or negative post position bias                           |

No notation is shown for neutral statistics (i.e., not negative or positive). These shorthand notations are also shown on the Dangerous Non-Contender List. A complete explanation of the notations is included in Appendix C.

**NOTE:** The bottom of the report also shows the odds line calculated for each of the contenders by ALL-Ways software.

## Brief Explanations of the Handicapping Reports (continued)

These odds are based on Handicapping Profile #1 that you selected when you handicapped the race.

### **Oddsline Report**

The oddsline report could actually be used by itself to handicap the races. It includes key information about *every* horse in the race including the betting line for each horse that was calculated by ALL-Ways software. The report also identifies the contenders selected by ALL-Ways software.

This report is divided into three parts:

*Top:* This shows last race information including the horses performance as well as class, speed and pace ratings for *every* horse in the race. It also shows the probability of win percent calculated by ALL-Ways software and the corresponding betting line for each horse.

*Middle:* This section shows the probability and betting line for each of the top four horses selected by each of the Handicapping Profiles you used to handicap the races (from one to three Handicapping Profiles). The middle of the report also shows a detailed track bias profile.

*Bottom:* This part of the report only shows information about the contenders automatically selected by ALL-Ways software. It repeats some of the class, speed and pace information included in the top of the report and adds additional information covering suitability to distance and surface, current form and Total Comprehensive and BRIS Prime Power ratings.

### **Paceline Report**

This is an excellent report to compare *ALL* horses in a race as opposed to just the contenders. This report may quickly become the favorite report of pace oriented handicappers.

This report is similar to the Oddsline Report. In fact, the top two parts of the report are identical. The bottom portion of the Paceline Report focuses on the Comprehensive Rating and HALL, BRIS and BROHAMER paceline ratings/rankings of *ALL* of the horses.

### **All Factors Report**

**NOTE: You can use the Custom Preferences Module to select the factors you want to print on the All Factors Report. This lets you reduce the printed report to only one page.**

This is an excellent report that shows all 87 of the available Handicapping Profile factors for every horse in the race. The data is divided into nine convenient groups. With just a quick glance at this report, you will be able to spot the horses that dominate the rankings in each of the different categories. You will be surprised how many times the winner “jumps off this page” at you and the public didn’t see it.

**The nine groups are:**

- Suitability to the Distance
- Suitability to the Surface
- Current Form
- Current Class
- Speed

## Brief Explanations of the Handicapping Reports (continued)

- Early Pace
- Late Pace and Combined Pace
- Paceline
- Other (Comprehensive Rating, post, jockey/trainer records and pedigree)

You will almost always take this report to the track. It is an excellent report for evaluating all horses including Dangerous Non-Contenders.

Note that the All Factors report can be printed showing the horse's factor values or the horse's factor rankings or both. You can also print a version of this report that shows each horse's Gap Advantage or Gap Disadvantage for each of the 52 Gap Factors. You determine how you want the report to be printed by setting the All Factors report preference in the PREFERENCE section of the CUSTOM module.

### **Search Report**

This report is divided into multiple sections, all on one page.

The **Gap Search section** shows the horses that have a Gap advantage with a high win percentage and/or a high win ROI and/ or a high ITM percentage. The **Key Horse section** shows the ranked Key Horse Candidates recommended by ALL-Ways software. The **Best Early/Best Late section** isolates the top early running horses and top late running horses. Some of these horses actually qualify in both lists. These "dual qualifiers" can identify some impressive plays. This section also looks at the remaining horses to make sure you do not leave out a horse with a particularly strong Final Fraction rating. It is impressive how many Trifectas and Superfectas are made up of horses in the Key Horse and Best Early/Best Late lists. **The Custom Search section**, exclusive to the Professional Edition, shows the results of the ALL-Ways search for horses that qualify for your personal handicapping angles (Custom Search Definitions—see Chapter 6). To make this report as powerful as possible, it also includes all the pertinent track bias information. It also shows the selections and odds-line made by the ALL-Ways Handicapping Profile(s). The Morning Line is also shown to help you plan your wagers in advance. And, if you run this report after the results have been entered, the win, place, show and fourth place horses will be identified.

### **Top 10/Ranking Report**

This is a report that will have you asking: "Why didn't someone do this before?" For the Top 10 part of the report, ALL-Ways software looks at the past performances of every horse and finds the 10 best performances. It does this for BRIS Early Pace, BRIS Final Fraction and BRIS Speed. A horse may well be listed multiple times for any of the factors. For example, if a horse has four speed figures in the top 10 of the BRIS Speed Rating figures, it will be listed 4 times for that factor group. This is a great report for finding the most consistent early runners, late runners and speed horses. *The Ranking part of the report* sorts the horses from best to worst for each of 16 different handicapping factors. Note: Professional Edition users can customize the factors used in both the Top 10 and Ranking parts of this report.

One other interesting feature of this report is that if you run it after the races are run and the results entered, the report will show you the horses that finished 1st, 2nd and 3rd in the race. It is a great visual way to see which factors were the most important for that race.

### **Past Performance Report**

This report shows past performance information for each of a horse's last five past performances. With this report, you will probably not have a need to buy a racing form again. In addition to showing the horse's running line (position and lengths ahead/behind at each point of call) and comment line, it also:

## **Brief Explanations of the Handicapping Reports (continued)**

- Calculates days ago from today's date and calculates days since last race from the race date of each past performance race (to show how a horse does after a layoff)
- Shows the claimed indicator 'c'
- Shows the BRIS Race Rating for each past performance race (much more powerful than traditional class rise/fall indicators)
- Shows BRIS pace and speed ratings (not just the speed ratings shown in racing forms and programs)
- Shows trainer and jockey statistics for the last year and the current meet
- Shows recent workouts similar to what is shown in the Daily Racing Form including the ranking of the workout for the day and a "Bullet" work indicator. One additional nice feature is the seconds per furlong figure. Workouts approaching 12 seconds per furlong or lower are considered very good workouts.

### ***Track Bias and Jockey/Trainer Report***

This report is divided into five sections as described below.

- **Pace Position and Speed Bias:** This shows the dates and number of races for the statistics, the percent of races won by E and EP running style horses, the percent won gate-to-wire and the average beaten lengths of the winner at the first two calls.
- **Running Style Bias:** This shows the plus status, percent of races won and Impact Values for each ESP Running Style.
- **Post Position Bias:** This shows the plus status, average win percent and Impact Values for each post position. Note that the average win percentages for post position bias will not add up to 100%.
- **Win and Place Track Profile:** This shows bias information for both the win horses and the place horses including position and beaten lengths for the first three calls and the stretch call, the percent early energy expended and the percent of races won (or placed) for each ESP Running Style and each post position.
- **Jockey and Trainer Statistics:** This shows the ESP Running Style and Hall and BRIS Early Pace figures for each horse and then important jockey and trainer statistics.

### ***Suitability and Pedigree Report***

This report provides you with all the information you need to determine a horse's suitability to today's distance and surface including suitability to an OFF track. This is where you also can view detailed pedigree information including dosage, average winning distance, 2 year old win percentage, first time starter win percentage and turf and mud percentages.

You will use this pedigree information for first time starters, first attempts on the turf and OFF track races. It is also extremely powerful to evaluate horses when the race is moved from turf to dirt or an unexpected change from a FAST track to an OFF track.

### ***Full Pedigree Report***

The Full Pedigree Report is, as the name implies, full of extensive pedigree information about each horse. This includes information about the sire, the dam, the sire's sire and the dam's sire. It also includes important information about the jockey and trainer. Combining all this information into a single report gives you an excellent tool for evaluating first time starters and that will help you handicap Maiden and Turf races.

### **Form By The Numbers Report**

This report shows you just about everything you need to know about a horse's current form. It is an invaluable tool to help you separate contenders. Often the only way to decide which contender to bet is to do a comprehensive analysis of each horse's *current* form.

The report is divided into three sections:

*Recent Performance:* This part of the report recaps last race performance as well as DRF (ALL-Ways Only), BRIS and HALL pace and speed ratings for the last race and the paceline race. It also summarizes information about recency, HAMBLETON and HALL form points/index, workout analysis, workout furlong days and stretch gain performance.

*Weighted Moving Averages:* The middle of the report numerically illustrates each horse's position within its own form cycle by displaying weighted moving averages for HALL speed, pace and turn time as well as BRIS class ratings. Numbers to the left are the most recent. Hence, bold numbers to the left indicate improving form.

*HAMBLETON Form Points:* The bottom of the report shows the detailed breakout of all the HAMBLETON Form Point components. This is a great snapshot of all the factors you would generally like to look at to evaluate current form.

### **Form Graphs (Professional Edition only)**

These reports show, in graphical form, where a horse is in its form cycle. Again, you will use this report to help separate contenders. While there are twelve different factors you can graph, we suggest you choose just one or two factors.

### **Brohamer Plus Handicapping Report**

With his permission, ALL-Ways software has always included the key handicapping factors described in Tom Brohamer's landmark book "Modern Pace Handicapping", based largely on the Sartin Methodology. The Brohamer Plus Report greatly expands on this. It is an extremely powerful handicapping report that includes all of the Brohamer handicapping factors plus the specific distance Brohamer Track Model, ALL-Ways Track Profile and %Early Energy range. Also included are Hall pace and speed figures (including Turn -Time), BRIS Class and True Class figures and every horse's performances running against specific pace scenarios. This is a great way to see how horses have done with the kind of pace pressure likely in today's race.

NOTE: The Brohamer Track Model comes from races in your Race Database for the track. The Brohamer Model will be blank on this report until your Race Database includes enough races to make the model reliable. This generally requires 150 to 200 races.

### **All Pace Report (Professional Edition only)**

This is a powerful report that allows you to evaluate the pace and speed performance of one horse versus every other horse in the race. It separates the horse-to-horse comparisons into four groups:

- Last Race
- Paceline Race
- Last Good Race
- Last Mud Race

## Brief Explanations of the Handicapping Reports (continued)

The comparative data includes HALL and BRIS pace and speed figures, HAMBLETON pace figures and BROHAMER compound pace *rankings*.

### **Pace Past Performance Report**

This report is similar to the Past Performance report in that it shows each of the last five races in a horse's past performance. However, this report focuses on pace figures. It is an ideal tool to evaluate if a horse is improving or declining in its ability to set or keep up with the pace of a race. It provides HALL and BRIS pace and speed figures and HAMBLETON pace figures for your evaluations.

### **On-Screen Report**

Refer to Figure 5.2 for samples of the On-Screen reports

If you take your computer to the track, you will use the On-Screen report to view the handicapping results. However, you should also take the printed reports that you like to work with to the track as well. The main purpose of the On-Screen report is to allow you to re-handicap a race if there are late scratches, if the track become muddy or if turf races are moved onto the dirt.

The very *top* of the report shows the race number, distance, surface, race type, age and sex restrictions, race rating and projected ESP race shape. This is exactly the same as shown at the top of the printed handicapping reports.

The *bottom* of the report shows the top 3 picks for each of the handicapping profile positions #1, #2 and #3. The horses name, percent probability of winning and odds line are shown. This is exactly the same information as shown in the middle of the Oddsline and the Paceline printed reports.

The *main body* of the On-Screen Report is quite different than the printed reports. The handicapping factors shown have been very carefully selected. They are important factors that are sensitive to horses being scratched, races moving off the turf onto the dirt and tracks turning from fast to off or vice versa. Some of the factors change depending on the race. For example, if the race is on the turf, the Turf Class is shown. If the race is in the mud, the Mud Class and Mud Speed factors are shown. If the race is on a fast dirt track, the True Class and the True Dirt Speed factors are shown.

### **Some other things you will notice:**

- The Top 3 ranked horse's ratings for each factor are shown in red. Only the Top 2 are shown in red on the Contenders Only Report. The Top Ranked Rating is also underlined.
- Class Figures and Race Rating Change figures are rounded to whole numbers for the On-Screen Report. They are shown to one decimal point on printed reports.
- Horses are shown in post position order on the ALL Horses Report. Horses are shown in the order of selection on the Contenders Only Report. This is the same sequence as on the printed Contender Summary and Exacta Matrix Report.

### **◆ WHAT REPORTS TO TAKE TO THE TRACK**

What reports you take to the track is absolutely a matter of personal preference. Most people will initially print out more reports than they need. Over time, you will determine the reports that work best for your handicapping style.

We suggest you use a three ring binder to hold your reports. You can either three hole punch the reports or buy paper that is already punched for a three ring binder (if you are using a laser or ink jet printer).

## What Reports to Take to the Track (continued)

### REMINDER

Refer to Appendix C for an explanation of all report headings.

Refer to Appendix B for a thorough explanation of all handicapping factors.

Refer to the ALL-Ways Newsletter for October 1996 for an article on Race Pace Shape, an incredibly powerful handicapping methodology.

Refer to Appendix G to read about the Frequently Asked Question regarding which Handicapping Profiles to select to handicap different types of races.

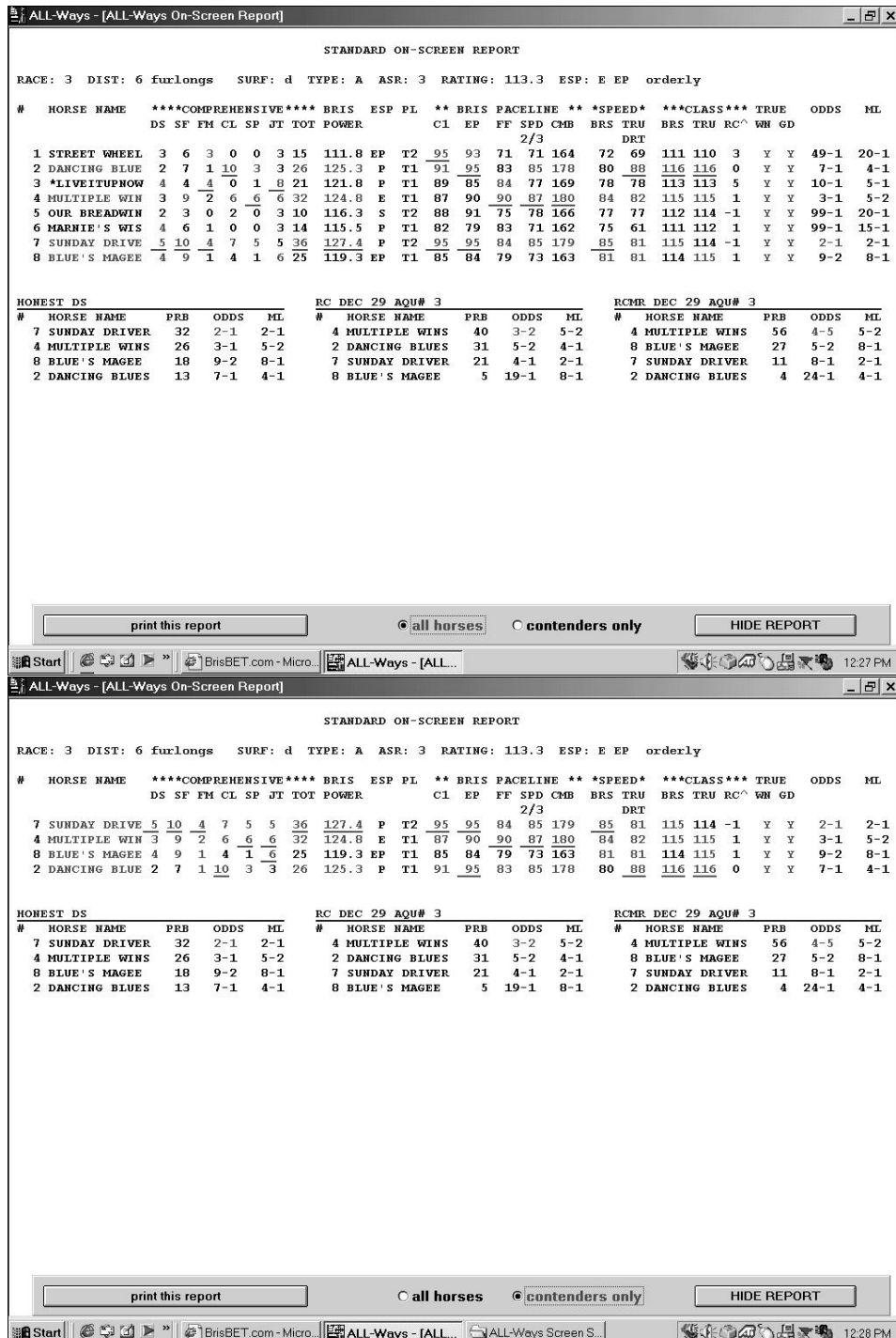


Figure 4.2 On-Screen Report (top: all horses; bottom: contenders only)

ALL-Ways™

# chapter 5

## **analysis module**

The Analysis Module uses your Race Databases, including the race results information you added after the races were run, to perform many types of analyses. The Top 3 Analysis and the Impact Value Analysis show you the power and profitability of each Handicapping Factor. The Gap Threshold Analysis shows you how well horses preform based on the size of their Gap Advantage for each Gap Factor. The Pro Gap Function lets you design and test your own personal angles, which are called Custom Search Definitions. The DB Run Analysis analyzes track payoffs and it evaluates the effectiveness of your Handicapping Profiles. The MRA Default, MRA Pace and MRA Custom functions automatically create Handicapping Profiles that are race type and track specific. The Race Card function analyzes each individual race on the race card. The Automatic Function lets you click a button and walk away while ALL-Ways software updates all your Handicapping Profiles. This Analysis Module is where the power of ALL-Ways software and the value of your Race Databases are really demonstrated.

**Note: Please see chapter 6 for: Gap Threshold Analysis, Pro Search Definitions and Key Horse Candidates**

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### **The Top 3 Analysis (for win, for place and for show horses)**

This shows the percentage of the races that were won (or place or show) by the top ranked horse, the top two ranked horses and the top three ranked horses for each of the 87 handicapping factors. A separate report is printed for win horses, place horses and show horses. Each report shows the results for the six different types of races, namely: 1) Dirt Sprints; 2) Dirt Routes; 3) Turf Sprints; 4) Turf Routes; 5) Off Sprints; 6) Off Routes.

### **Impact Value Analysis (for win, for place and for show horses)**

This calculates the Impact Values for each ranking position for all 87 of the handicapping factors. It also calculates the return on a \$2.00 win bet for each ranking position for each handicapping factor. Separate reports are printed for each of the 6 different race types. When you run this analysis, you are also given the opportunity to save the calculated Impact Values for automatic use in your Handicapping Profiles. You can instruct ALL-Ways software to run the Impact Value Analysis for win, place or show horses.

### **DB Run Analysis (Handicapping Profile Evaluation)**

This analysis allows you to use one, all or any combination of your Handicapping Profiles to see how well these profiles work against your Race Database. The full report prints out every race showing how your profile's picks actually finished. The summary report shows how your profiles performed for win, place, show, Exacta, Trifectas, Double and Pick 3 betting. The one-line DB Run Report shows you a one-line summary of the performance of each individual handicapping profile. The on-screen report shows selected data from the summary report on your computers monitor screen.

### **DB Run Analysis (Track Payoff Analysis)**

This report shows you the average win, Exacta and Trifecta payoffs at a track for just about every kind of race that is run at the track. It is a great tool to determine which kind of races have better payoffs and which tracks have the best payoffs.

### **DB Run Analysis (Going-Off-Odds "What if?" Wagering Analysis)**

This report handicaps the races in your Race Database for the track that match your Race Screens. It uses the Handicapping Profiles that you instruct it to use. It then prints a report that shows you how well you would have done wagering on selected races depending on the percentage overlay (going-off-odds higher than ALL-Ways odds), depending on minimum going-off-odds and depending on certain two-horse win betting scenarios using "Dutching" to determine wager amounts.

### **MRA DEF (Multiple Regression Analysis - Default)**

This analysis uses advanced Multiple Regression Analysis techniques to analyze your Race Database for a track and then automatically change the Default Handicapping Profiles supplied with ALL-Ways software to match the track. The original Default Handicapping profiles are averaged for all tracks in North America. The MRA Default Handicapping Profiles created by this MRA DEF analysis will work much better because they are tuned to the specific track.

### **MRA Pace (Multiple Regression Analysis – Race Pace Shapes)**

This analysis uses advanced Multiple Regression Analysis techniques to automatically create Handicapping Profiles based on Race Pace Shapes (Fast Early, Lone Early, Honest and Slow). Race Pace Shapes have proven to be an incredibly powerful method to segment races. These very special and very powerful Handicapping Profiles can now be made in just a few minutes by just clicking a button. We encourage you to read about Race Pace Shapes in the October 1996 ALL-Ways Newsletter.

## MRA CUST (Multiple Regression Analysis - Custom) (*Professional Edition only*)

This analysis allows you to first set the race screens that you want (i.e., just analyze the specific kinds of races you choose) and then it automatically creates MRA Custom Handicapping Profiles. It then shows you which profiles it created and gives you the option to save or not save each profile to your profile list for the track. This MRA Custom function can be combined with the win, place and show selection to automatically create Handicapping Profiles aimed specifically at win or place or show horses.

### Gap Threshold Analysis (See Chapter 6 for details)

If we look at non-maiden turf routes run on the main turf track at Belmont, we see that horses with a 2 point BRIS Prime Power advantage won 29% of their races and yielded a small loss with a win ROI of -6%. But look what happens if we increase the Gap advantage to 4 points. These qualifiers won 41% of the races and yielded a positive win ROI of 28%. A qualifying horse showed up in about 20% of these races. When you click the button in the ALL-Ways Analysis Module to automatically run this Gap Analysis for a track, ALL-Ways provides this data for 52 different handicapping factors, for Gap levels of 1 through 10 and for every type of race run at the track. It even separates the inner and main tracks at Aqueduct, Saratoga and Belmont.

You can use all this new Gap information in conjunction with the All Factors Gap Handicapping Report to evaluate horses. And/or, you can print out the Search Handicapping Report and see the results of an ALL-Ways search through all the horses in the race for those horses having a significant Gap advantage. And, in the Professional Edition, you may want to use the Gap Statistics as your starting point in creating your Pro Custom Search Definitions.

**AQU-BEL-SAR**

DIRT track  
☒ main  
☐ inner

turf track  
☒ main  
☐ inner

**IV ANALYSIS**

print  
☒ yes  
☐ no

iv process  
☒ win  
☐ place  
☐ show

**MRA CUST**

pace  
☐ include  
☒ exclude

mra process  
☒ win  
☐ place  
☐ show

min mra 10  
max mra 150

CREATE  
MODIFY

**DIRT SPRINTS**  
fast ds  
CLEAR FOCUS

**DIRT ROUTES**  
fast dr  
CLEAR FOCUS

**TURF SPRINTS**  
CLEAR FOCUS

**TURF ROUTES**  
fast tr  
CLEAR FOCUS

**OFF SPRINTS**  
CLEAR FOCUS

**OFF ROUTES**  
CLEAR FOCUS

**hdcp profiles**

- m1:ds maid late
- m1:dr maid
- m1:dr maid early
- m1:dr maid late
- fast ds
- fast dr
- fast tr
- lone ds
- lone dr
- lone tr
- honest ds
- honest dr
- honest tr
- slow dr
- slow tr
- fast ds maid

GPX  
TRACK OK

**GO**

**PROGRESS REPORT**

|          | DS     | DR  | TS           | TR  | OS      | OR | TOTAL |
|----------|--------|-----|--------------|-----|---------|----|-------|
| TOTAL    | 422    | 271 | 0            | 170 | 6       | 3  | 872   |
| SCREENED | 199    | 143 | 0            | 95  | 0       | 0  | 437   |
| ANALYSIS | DB RUN |     | sel profiles |     | summary |    |       |
| COMPLETE | 0%     |     |              |     |         |    |       |

TOP 3 IMPACT VALUES DB RUN MRA DEF MRA PACE MRA CUST GAP PRO GAP RACE CARD AUTO

SELECT PROFILES AND THEN CLICK GO.

CREATE PROFILE MODIFY PROFILE RESET MAIN QUIT

**Figure 5.1 Analysis Module main screen**  
(shown prior to running a DB Run Analysis including the Going-Off-Odds Wagering Analysis)

## **Pro Custom Search (Professional Edition Only) (See Chapter 6 for details.)**

The Pro Custom Search feature, exclusive to the Professional Edition, lets you design your own personal handicapping angles, which, in ALL-Ways, are called Search Definitions. You can then test these angles against your track database(s) for win and in-the-money percentages, average win payoff and win ROI. At handicapping time, ALL-Ways will evaluate every angle that you have designated for the specific type of race being run and find all horses that qualify based on the Custom Search Definition elements. ALL-Ways will then show you the search results on the new Search Handicapping Report.

## **Race Card Function**

This function prints a one page summary of the entire race card and shows you the most powerful and profitable Handicapping Factors for each individual race. It can also automatically create Handicapping Profiles aimed at each specific race on the card.

## **Automatic Functions (Professional Edition Only)**

With the simple click of the mouse, ALL-Ways software will automatically update MRA Default, MRA Pace and MRA Custom Handicapping Profiles and it will automatically run the Race Card functions. So, by clicking a button, ALL-Ways software will do everything to get ready to handicap today's race card.

All of these analyses, except the MRA DEF and MRA Pace Functions, can be done for all races in a tracks Race Database or for only *selected* races.

---

## **IMPORTANT**

***You should not draw any conclusions regarding Impact Values until you have sufficient a number of races in your database. The numbers start to become useful when you have 20 to 30 races of any one type of race in the Race Database. They become significant when you get above 40 to 50 or so races. Generally, it is wise to wait until you have a total of 100 races or more in your Race Database for a track before creating custom Handicapping Profiles. To get to the Analysis Module:***

- 
- 1 → Click "ANALYSIS" on the Main Menu

The Analysis Module screen now appears as shown in Figure 5.1

- 2 → Enter the 3 character track code when prompted to do so

- 3 → Click "TRACK OK"

The "PROGRESS" section of the Analysis Module screen will now display the number of each of the 6 types of races that are in your Race Database for the track.

**NOTE:** If a race has no race results, it is not included in the race count.

## **◆ How to select the Factors to Print on the Top 3 Analysis and Impact Value Analysis Reports**

If you print all 87 Primary Handicapping Factors, the Top 3 Analysis and Impact Value Analysis reports will require two pages when printed. You can specify which of the 87 Primary Handicapping Factors you would

### **How to Select the Factors to Print on the Top 3 Analysis and Impact Value Analysis Reports (continued)**

like printed by using the CUSTOM-PREFERENCES Module. If you narrow down the factors to only 65 or so factors, depending on your printer, the reports will print on a single page.

#### **◆ HOW TO RUN THE TOP 3 ANALYSIS**

- 1 → Click the “TOP 3” button
- 2 → Click the “GO” button

ALL-Ways software will now make the Top 3 Analysis calculations and print the Top 3 Analysis reports.

**NOTE: The Top 3 Analysis is not affected by the win, place or show selection or by the include/exclude pace factor option. It is affected by the race screens you set and by the inner/main track selection.**

**NOTE: You can control which of the Top Three Reports actually print in the PREFERENCE section of the CUSTOM Module. You can choose to have any combination of the Win Horse report, Place Horse report or Show Horse report.**

#### **◆ HOW TO RUN THE IMPACT VALUE (IV) ANALYSIS**

- 1 → Select win or place or show horses for the analysis
- 2 → Click the “IV’s” button.
- 3 → Click the “GO” button.

ALL-Ways software will now make the IV Analysis calculations and return on \$2.00 win bet calculations and print the IV Analysis reports.

ALL-Ways software will ask you if you want to save the calculated IV’s. If you do, then you might want to go directly to the PROFILE Module by clicking one of the PROFILE buttons on the bottom of the screen and use the calculated IV’s to create or modify a Handicapping Profile.

**NOTE: At the top of the Analysis Module screen display, there is an option you can choose to save the calculated Impact Values but not print the IV Reports.**

**NOTE: The IV Analysis is not affected by the include/exclude pace factor selection. It is affected by the race screens you set, by the IV Analysis win, place or show selection and by the inner/main track selection.**

**NOTE: You can select whether or not you want the Total IV report to print and/or if you want to not print reports with fewer than twenty race. You do this in the PREFERENCE section of the CUSTOM Module.**

#### **◆ Selecting the Handicapping Factors Used by the MRA Functions (Professional Edition Only)**

All of the MRA (Multiple Regression Analysis) functions in ALL-Ways will automatically use most of the 87 Primary Handicapping Factors. However, if you desire, you can eliminate some of the factors from consideration by the MRA functions. You do this in the CUSTOM-PREFERENCES Module.

#### **◆ HOW TO RUN THE MRA DEFAULT ANALYSIS**

All you do to run the MRA Default Analysis is to click the MRA DEF button and then click the GO button. Then sit back and watch as ALL-Ways software does everything automatically. It will first isolate the non-maiden races excluding off tracks and races carded for two year olds. Then ALL-Ways software does the MRA calculations and creates and saves new non-maiden MRA Default Handicapping Profiles. ALL-Ways software then repeats the entire process for

maiden races.

### ***Here are some things to note:***

ALL-Ways software will not create new profiles if there are not enough races of any particular type. You can change the minimum number of races required for an MRA Analysis in the PREFERENCES section of the CUSTOM Module. ALL-Ways software will only use MRA to analyze the maximum number of races allowed and it always uses the most recent races. You can change the number of maximum races in the PREFERENCE section of the CUSTOM Module. The default minimum number of races is 20. The default maximum number of races is 100 (the most recent 100 races).

MRA has been implemented in ALL-Ways software with a bias towards finding the win, place and show horses ... not just the win horses. Therefore, you can expect not only good win selection performance, but a high percentage of the win, place and show horses to come out of the top three to four selections. This, obviously, is very important to Exakta and Trifecta players.

**NOTE: The MRA Default function is not affected by race screen settings, by the win, place or show setting, or by the include/exclude pace setting. The MRA Default process sets its own race screens that override anything you may set. The MRA Default function is, however, affected by the inner/main track selection.**

### **◆ HOW TO RUN THE MRA RACE PACE SHAPE ANALYSIS**

**NOTE: Please read the article covering Race Pace Shapes in the October 1996 ALL-Ways Newsletter.**

In the October 1996 ALL-Ways Newsletter, we introduced the concept of Race Pace Shapes. Races can be categorized into four distinct Race Pace Shapes, namely Fast Early, Lone Early, Honest and Slow. We recommended that you create custom Handicapping Profiles aimed at these four Race Pace Shapes with separate profiles for Maiden and Non-maiden races and separate profiles for dirt sprints, dirt routes, turf sprints and turf routes. Theoretically, you could end up with 32 different profiles with 16 for non-maidens and 16 for maidens. **The most frequently requested feature in our ALL-Ways User Survey was to automate the creation of these Race Pace Shape profiles. A new Multiple Regression Analysis function was added to ALL-Ways software in Version 7.0 that does just that.** Simply click on the MRA Pace button and ALL-Ways software automatically sets the race screens for the Race Pace Shapes and non-maiden or maiden races, runs an Impact Value Analysis, performs the Multiple Regression Analysis and creates the Handicapping Profiles. ALL-Ways software even automatically deletes the old MRA Pace profiles from your profile list and sequences the new profiles so they are always in the proper order. So now, at the click of a button, you can automatically create all these profiles in a matter of just two to three minutes. The MRA Pace function also automatically creates Race Pace Shape profiles for off tracks.

#### **To use the MRA Pace function to create Race Pace Shape profiles:**

- In the Analysis Module, simply click the MRA Pace button. Everything else is automatic. Here is the naming convention used for the profiles:

| <b>Race Pace Shape</b>  | <b>Non-Maidens</b> | <b>Maidens</b>     |
|-------------------------|--------------------|--------------------|
| fast early dirt sprints | fast early ds      | fast early ds maid |
| lone early dirt sprints | lone early ds      | lone early ds maid |
| honest dirt sprints     | honest ds          | honest ds maid     |
| slow dirt sprints       | slow ds            | slow ds maid       |

The other names follow the same convention using the following race type designations:

|                             |                       |
|-----------------------------|-----------------------|
| ds = dirt sprint (as above) | dr = dirt routes      |
| ts = turf sprints           | tr = turf routes      |
| os = off track sprints      | or = off track routes |

**NOTE: The MRA Pace function is not affected by any race screens you set or by the pace include/exclude option or by the win, place or show option. It is affected by the main/inner track selection.**

### ◆ **HOW TO RUN THE MRA CUSTOM ANALYSIS (Professional Edition only)**

The difference between the MRA Custom Analysis and the MRA Default Analysis is that the MRA Custom Analysis allows you to set race screens before you run the analysis. For example, you could set the race screens to only analyze non-maiden dirt sprints under 7 furlongs carded for 3 year and up females where the winning horse earned a win payoff of \$12 or more. Then invoke the MRA Custom Analysis and ALL-Ways software will automatically run the IV Analysis and MRA Custom Analysis and then create the Custom Handicapping profiles just for the screened-in races. You will be given the option of whether or not you want to save the MRA Custom profiles. See the section below on **How To Analyze Only Selected Races** to learn how to use the Analysis Race screens. By selecting the win, place or show MRA Process Option at the top of the Analysis Module screen display, you can instruct the MRA Default function to create Handicapping Profiles aimed specifically at either win, place or show horses.

#### **To run the MRA Custom Analysis:**

- 1 → Set the race screens for the races you want to analyze
- 2 → Select the win, place or show horse option
- 3 → Click the MRA CUST button
- 4 → When the analysis is done, the MRA Custom Profile summary will be displayed
- 5 → To save a Custom MRA Handicapping Profile:
  - Click “MAKE PROFILE”
  - Enter a profile name
  - Click “SAVE” to save the profile

**NOTE: The MRA Custom function is affected by all selection options. This includes any race screens you set, by the MRA win, place, show selection, by the include/exclude pace factors selection and by the inner/main track selection. Here are some things you should note:**

There are four levels of confidence that ALL-Ways software assigns to Custom MRA Profiles: Very High, High, Good or Marginal. These confidence levels measure how well the MRA Analysis was able to correlate the handicapping factors with the results. Do not be put off by a “Marginal” confidence level. These profiles, far more often than not, work very well.

ALL-Ways software will not create new profiles if there are not enough races of any particular type. ALL-Ways software will only use MRA to analyze the maximum number of races allowed and it always uses the most recent races. You can change the number of minimum and maximum races in the PREFERENCE section of the CUSTOM Module.

You can choose whether or not you want pace factors included in the MRA Analysis by setting the Pace Factor option at the top of the Analysis Module screen display.

MRA has been implemented in ALL-Ways software with a bias towards finding the win, place and show horses ... not just the win horses. Therefore, you can expect not only good win selection performance, but a high percentage of the win, place and show horses to come out of the top three to four selections. This, obviously, is very important to Exacta and Trifecta players.

### ◆ **HANDICAPPING PROFILE NAMING CONVENTION SUMMARY**

There have been some relatively minor changes to how profiles are named by ALL-Ways in Version 8.0. The changes

## How to Handicapping Profile Naming Conventions (continued)

are reasonably intuitive. Here is a summary of the naming conventions used in Version 8.0.

### All Profiles

|    |                    |
|----|--------------------|
| ds | = dirt sprint      |
| dr | = dirt route       |
| ts | = turf sprint      |
| tr | = turf route       |
| os | = off track sprint |
| or | = off track route  |

MDN or maid = Maiden races

IN = inner track (Aqueduct, Belmont and Saratoga)

### Original Default Handicapping Profiles

|              |                                               |
|--------------|-----------------------------------------------|
| DF: DS       | = default dirt sprint (no running style bias) |
| DF: DR Early | = default dirt sprint (favors early runners)  |
| DF: DR Late  | = default dirt sprint (favors late runners)   |

### MRA Default Handicapping Profiles

|              |                                                   |
|--------------|---------------------------------------------------|
| M1: DS       | = MRA default dirt sprint (no running style bias) |
| M1: DR Early | = MRA default dirt sprint (favors early runners)  |
| M1: DR Late  | = MRA default dirt sprint (favors late runners)   |

### MRA Pace Handicapping Profiles

|           |                                        |
|-----------|----------------------------------------|
| fast ds   | = MRA Pace Fast paced dirt sprint      |
| lone ds   | = MRA Pace Lone Early pace dirt sprint |
| honest ds | = MRA Pace Honest pace dirt sprint     |
| slow ds   | = MRA Pace Slow pace dirt sprint       |

### Race Card Handicapping Profiles

|                 |                                                                            |
|-----------------|----------------------------------------------------------------------------|
| rc sep 25 # 1   | = Best Factor Race Card profile for race #1 on the September 25 race card. |
| rcmr sep 25 # 1 | = Custom MRA Race Card profile for race #1 on the September 25 race card.  |

## ◆ HOW TO USE THE RACE CARD FUNCTION

The Race Card function is one of the easiest features to describe in ALL-Ways and one of the easiest to use, yet it is one of the most powerful features in the software. Just click the Race Card Function button one time and ALL-Ways will analyze **each individual race** on the race card and **automatically** do all of the following:

- Using “Progressive Segmentation”, find and isolate comparable races in the Race Database for the track
- Run an Impact Value Analysis that determines the power and profitability of each of the 87 key Handicapping Factors in ALL-Ways for this kind of race.
- Identify the most powerful and profitable handicapping factors for this individual race.
- Create a Handicapping Profile using these “Best Factors” that is aimed at finding the winning horse in this individual race.
- Create a Multiple Regression Analysis Handicapping Profile that is tuned to finding the most likely win, place and show horses in this individual race. (*Professional Edition only*)
- Print an Impact Value Analysis Report, a one-page report for this individual race.

After ALL-Ways has completed all the above, it will print a Race Card Summary Report that shows you key information about each race on the race card. All the races are shown on a single page

### To Use the Race Card Function

- 1 → From the Main Menu, go to the Analysis Module, enter a track code and click TRACK OK.
- 2 → Click the RACE CARD function button. This will display a set of check boxes that lets you select exactly what you want the Race Card function to do.
- 3 → Click on the check boxes to make your selections. The choices are:

**Print Report** Prints the Race Card Summary Report for all races.

**Print IV's** Prints an Impact Value Analysis Report for each individual race. Note that even if this box is not checked, ALL-Ways will still run the Impact Value Analysis because it needs the data to determine the best factors for this individual race.

**Factor Profiles** Creates a Handicapping Profile made up of the handicapping factors selected as the best factors and uses the Impact Values calculated for the factors. This Handicapping Profile is aimed specifically at the individual race being analyzed. It is aimed at finding the winning horse.

**MRA Profiles** (*Professional Edition only*) Creates a Handicapping Profile using the MRA Custom function. This profile is aimed at finding the win, place and show horses in this individual race.

When you have made your selections, click the DONE button. This will display a list of Race Cards in your Race Database for the track.

- 4 → Select the race card you want to run by clicking on it in the list.
- 5 → Click the GO button.

Now sit back and watch as ALL-Ways does everything described above in just two or three minutes for the entire race card.

### The Race Card Report

See Figure 8.2.

All races on the Race Card are shown on a single page. There are three groups of information shown for each race:

#### Race Information:

This shows you all the pertinent information for each race including distance, surface, Race Type (i.e., Maiden Special Weight, Allowance, etc.), purse value, claiming price if applicable, Race Rating, Race Pace Shape (i.e., EEE, E-EP, etc.), Race Category (i.e., Chaos, Orderly, etc.), field size, number of first time starters and a state bred flag. This is a great tool for spotting potential good plays on the card. Some ALL-Ways users like to focus on EEE, EE, E, EP and EP-P races because they are so heavily influenced by the pace match-ups.

#### Best Factors

ALL-Ways uses the Impact Value Analysis to identify the best Form Factors, the best Class Factors, the best Speed Factors and the best Compound Pace Factors. The Comprehensive Rating Factor will also be used if it has a good Impact Value. The best Pace Factors will also be used if ALL-Ways uses pace in the Progressive Segmentation process “Best factors” are selected by looking at both Impact Values and Return on \$2 Bets. The selected factors are shown on the Race Card Summary Report along with their Impact Values and Return on \$2 Bets.

#### Race Segmentation Used

ALL-Ways shows you on the Race Card report exactly what Race Screens were used when it ran the Impact Value

**KEE RACE CARD SUMMARY for APR 08**

| RACE#                                                                                                                                                                            | DISTANCE   | SURFACE | RACE TYPE  | AGE/SEX<br>RESTRICT | PURSE\$   | CLAIM\$  | RACE<br>RATING | RACE<br>ESP | CATEGORY    | FIELD<br>SIZE | FIRST<br>TIME | STATE<br>BRED |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------------|---------------------|-----------|----------|----------------|-------------|-------------|---------------|---------------|---------------|
| # 1                                                                                                                                                                              | 1 1/8 mile | Dirt    | Claiming   | 1)3up M&F           | \$28,000  | \$25,000 | 114.6          | EP EP       | Contentious | 7             | 0             | No            |
| GOOD FACTORS (IV) (ROI): TRUE CLASS 2.34 \$1.48 TRUE DIRT SPEED 2.83 \$2.19 BRIS CMB 2.52 \$2.08<br>BRIS BACK CLASS 2.13 \$1.49 BRIS SPEED 2.76 \$2.18 COMPREHENSIVE 2.44 \$1.79 |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 32 dry dirt routes non-maiden 108 to 115 race rating                                                                                                               |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 2                                                                                                                                                                              | 4 1/2 furl | Dirt    | Maid Sp Wt | 3)2yr               | \$50,000  |          | 110.8          | S           | Chaos       | 11            | 10            | No            |
| GOOD FACTORS (IV) (ROI): TRUE CLASS 3.63 \$6.36 BRIS SPEED 2.79 \$2.07 HALL CMB 3.20 \$2.52<br>BRIS CLASS 3.53 \$2.43 BRIS BACK SPEED 2.72 \$1.78                                |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 35 dry dirt sprints maiden 108 to 115 race rating                                                                                                                  |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 3                                                                                                                                                                              | 7 furl     | Dirt    | Maid Sp Wt | 4)3 M&F             | \$50,000  |          | 112.5          | P P         | Orderly     | 10            | 1             | No            |
| GOOD FACTORS (IV) (ROI): TRUE CLASS 3.63 \$6.36 BRIS SPEED 2.79 \$2.07 HALL CMB 3.20 \$2.52<br>BRIS CLASS 3.53 \$2.43 BRIS BACK SPEED 2.72 \$1.78                                |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 35 dry dirt sprints maiden 108 to 115 race rating                                                                                                                  |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 4                                                                                                                                                                              | 7 furl     | Dirt    | Maid Sp Wt | 4)3 M&F             | \$50,000  |          | 111.7          | EP P        | Orderly     | 9             | 2             | Yes           |
| GOOD FACTORS (IV) (ROI): TRUE CLASS 3.63 \$6.36 BRIS SPEED 2.79 \$2.07 HALL CMB 3.20 \$2.52<br>BRIS CLASS 3.53 \$2.43 BRIS BACK SPEED 2.72 \$1.78                                |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 35 dry dirt sprints maiden 108 to 115 race rating                                                                                                                  |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 5                                                                                                                                                                              | 7 furl     | Dirt    | Allowance  | 4)3 M&F             | \$54,000  |          | 114.5          | E E E       | Contentious | 12            | 0             | No            |
| GOOD FACTORS (IV) (ROI): SCOTT PCR 2.50 \$2.22 BRIS BACK SPEED 3.16 \$2.30 BRIS CMB 2.05 \$2.04<br>ACL 2.24 \$1.56 BRIS SPEED LAST 2.91 \$2.22 COMPREHENSIVE 2.63 \$2.93         |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 35 dry dirt sprints non-maiden 108 to 115 race rating Contentious                                                                                                  |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 6                                                                                                                                                                              | 1 1/2 mile | Turf    | Allowance  | 2)3up Fem           | \$65,000  |          | 117.2          | EP EP       | Orderly     | 5             | 0             | No            |
| GOOD FACTORS (IV) (ROI): BRIS BACK CLASS 2.04 \$2.25 BRIS SPEED 1.74 \$2.06 BRIS CMB 1.58 \$2.99<br>TURF CLASS 1.98 \$2.24                                                       |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 35 dry dirt routes non-maiden 166 and up race rating                                                                                                               |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 7                                                                                                                                                                              | 7 furl     | Dirt    | Allowance  | 2)3up Fem           | \$54,000  |          | 113.6          | EP P        | Chaos       | 7             | 0             | No            |
| GOOD FACTORS (IV) (ROI): SCOTT PCR 2.37 \$1.65 BRIS SPEED LAST 2.74 \$1.51 BRIS CMB 2.30 \$1.17<br>ACL 2.04 \$3.00 BRIS BACK SPEED 2.59 \$1.67                                   |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 35 dry dirt sprints allowance 108 to 115 race rating                                                                                                               |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 8                                                                                                                                                                              | 1 mile     | Turf    | STK/HDCP   | 5)3 Fem             | \$100,000 |          | 115.5          | E EP        | Contentious | 9             | 0             | No            |
| GOOD FACTORS (IV) (ROI): TURF CLASS 2.42 \$2.51 BRIS SPEED 2.12 \$2.37 BRIS CMB 1.89 \$3.22<br>BRIS BACK CLASS 2.25 \$2.36                                                       |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 33 turf routes non-maiden 166 and up race rating Contentious                                                                                                       |            |         |            |                     |           |          |                |             |             |               |               |               |
| # 9                                                                                                                                                                              | 1 1/8 mile | Turf    | Allowance  | 1)3up M&F           | \$56,000  |          | 113.8          | EP EP       | Orderly     | 10            | 0             | No            |
| GOOD FACTORS (IV) (ROI): TURF CLASS 2.42 \$2.51 BRIS SPEED 2.12 \$2.37 BRIS CMB 1.89 \$3.22<br>BRIS BACK CLASS 2.25 \$2.36                                                       |            |         |            |                     |           |          |                |             |             |               |               |               |
| RACE SCREENS: 30 turf routes allowance 108 to 115 race rating                                                                                                                    |            |         |            |                     |           |          |                |             |             |               |               |               |

**Figure 5.2 Race Card Summary Report**

Analysis and, optionally, when it created the Custom MRA Handicapping Profile.

### **The Best Factor Handicapping Profiles**

These profiles will appear in your profile list for the track as follows:

|               |                                                                            |
|---------------|----------------------------------------------------------------------------|
| rc sep 25 # 1 | This is the best factor profile for race #1 on the September 25 race card. |
| rc sep 25 # 2 | This is the best factor profile for race #2 on the September 25 race card. |
| rc sep 25 # 3 | This is the best factor profile for race #3 on the September 25 race card. |
| Etc.          |                                                                            |

### **The Multiple Regression Analysis (MRA) Custom Handicapping Profiles**

These profiles will appear in your profile list for the track as follows:

|                 |                                                                           |
|-----------------|---------------------------------------------------------------------------|
| rcmr sep 25 # 1 | This is the Custom MRA profile for race #1 on the September 25 race card. |
| rcmr sep 25 # 2 | This is the Custom MRA profile for race #2 on the September 25 race card. |
| rcmr sep 25 # 3 | This is the Custom MRA profile for race #3 on the September 25 race card. |
| Etc.            |                                                                           |

## ◆ HOW TO USE THE AUTOMATIC FUNCTIONS (PROFESSIONAL EDITION ONLY)

### **Automatic Update of MRA Custom Profiles (Professional Edition only)**

Beginning with ALL-Ways Professional Edition Version 8.0, when you create a new Handicapping Profile using the MRA Custom profile function in the Analysis Module, ALL-Ways “remembers” the Race Screens that were set when the profile is made. This is the new Memory Screens feature in Version 8.0.

In the section below that explains the new Automatic Function in Version 8.0, you will see that you can instruct ALL-Ways to automatically update your MRA Custom Handicapping Profiles. When ALL-Ways does this, it looks at each of your MRA Custom profiles, one at a time, automatically sets the same Race Screens that were used when the profile was made and then automatically invokes the Custom MRA function to update the profile. When it is done with one MRA Custom profile, it moves on to the next MRA Custom profile, then the next, etc. This is a very big time saver.

**NOTE: ALL-Ways cannot automatically update MRA Custom profiles that were created in ALL-Ways prior to Version 8.0. This is because ALL-Ways has no way of knowing what Race Screens were used. So, in order to use this new automatic update feature on your old MRA Custom profiles, you will first need to update or create the profiles again in Version 8.0 using the MRA Custom function. Thereafter, ALL-Ways can automatically update these profiles for you.**

### **What “update” means**

When you created the MRA Custom profile the first time, the number of races back that were analyzed to create the profile was either the total number of races that passed the Race Screens or the Maximum number of MRA races that was set **at the time**, whichever was lower. When the profile is automatically updated as described above, the number of races back will be either the total number of races that passed the Race Screens or the Maximum number of MRA races that is set **at this time**, whichever was lower. So, if you have added races and their results to your Race Database for the track since the last time the MRA Custom profile was created or updated, these new races will be included in the MRA Custom profile analysis. And, if the total races that pass the Race Screens exceed the Max MRA Races setting, ALL-Ways will use the newest races just added and ignore the oldest races. A good way to think of this is that this new feature gives you a simple way to keep your MRA Custom profiles updated on a rolling basis.

### **Automatic Function (Professional Edition only)**

The Automatic function added in Version 8.0 saves a lot of time in preparations to do your handicapping for a track. You simply tell ALL-Ways which functions you want it to perform, click the GO button and walk away. ALL-Ways will automatically perform any, all or any combination of running the MRA Default function, running the Automatic Update of MRA Custom profiles, running the MRA Pace function and/or running any or all of the Race Card functions.

### How to use the Automatic Function

- 1 → From the Main Menu go to the Analysis Module.
- 2 → Enter the track code and click TRACK OK.
- 3 → Click the AUTO button. This will display the list of check boxes for all the functions that the Automatic Function is capable of performing.
- 4 → Select the functions that you want ALL-Ways to automatically perform. The choices are:
  - MRA Default    Creates the MRA Default Handicapping Profiles
  - MRA Custom    Automatically updates MRA Custom profiles that were created in Version 8.0
  - MRA Pace       Creates the MRA Pace Handicapping Profiles
  - Race Card       Runs the Race Card function for the **most recent** race card in your Race Database for the track.  
  
NOTE: You must also tell ALL-Ways if you want the Race Card function to print the IV Analysis Reports for each race and/or to create the Best Factor profiles and/or to create the MRA profiles.
  - Gap Statistics   Updates both the Gap Analysis Statistics and the Key Horse Statistics without printing a report. The statistics are used at handicapping time by the Gap Search feature and the Key Horse Candidate Search feature.
  - Profile Performance  
Automatically updates the performance statistics for all your Handicapping Profiles. It does not print out a report. The statistics will be printed on selected handicapping reports.
- 5 → Click the GO AUTO button

At this point, ALL-Ways will start working automatically to carry out all the functions you selected. When it is done, you can do the same thing for additional tracks, if you are playing more than one track, or you can go directly to the Handicapping Module to let ALL-Ways handicap the races and print the handicapping reports.

**NOTE: Because the Race Card Function within the Automatic Function always processes the most recent race card in your Race Database for the track, you will want to run the Par Update and the Translate functions for the race card before invoking the Automatic Function. If you want to run the Race Card Function for a different race card, simply use the Race Card Function itself.**

### ◆ HOW TO RUN THE DB RUN ANALYSIS (HANDICAPPING PROFILE EVALUATION)

There are two ways to run the DB Run analysis with respect to the use of the Handicapping Profiles:

**NOTE: Before you run a DB Run Analysis, we suggest you read the section later in this chapter covering “How to Analyze Only Selected Races”. For example, you will always want to have separate DB Runs for maiden and non-maiden races.**

- First, you can run the analysis using just the Handicapping Profiles that you select and assign to each type of race.
- Second, You can instruct ALL-Ways software to run a separate analysis for all the Handicapping Profiles that are in the track Handicapping Profile list.

**SAX AVERAGE PAYOFF ANALYSIS**  
**(AVERAGE WIN PAYOFFS)**  
**all payoffs included**

| CATEGORY                              | DIRT SPRINTS |        | DIRT ROUTES |        | TURF SPRINTS |        | TURF ROUTES |        | OFF | SPRINTS | OFF | ROUTES |
|---------------------------------------|--------------|--------|-------------|--------|--------------|--------|-------------|--------|-----|---------|-----|--------|
|                                       | NUM          | AVE \$ | NUM         | AVE \$ | NUM          | AVG \$ | NUM         | AVG \$ | NUM | AVG \$  | NUM | AVG \$ |
| <b>RACE DISTANCES</b>                 |              |        |             |        |              |        |             |        |     |         |     |        |
| 5 Furlongs and under                  | 3            | 10.67  |             | .00    |              | .00    |             | .00    |     | .00     |     | .00    |
| 5 1/2 Furlongs                        | 35           | 18.29  |             | .00    |              | .00    |             | .00    | 1   | 29.20   |     | .00    |
| 6 Furlongs                            | 233          | 14.51  |             | .00    |              | .00    |             | .00    | 8   | 15.57   |     | .00    |
| 6 1/2 Furlongs                        | 147          | 14.72  |             | .00    | 93           | 15.93  |             | .00    | 8   | 24.10   |     | .00    |
| 7 Furlongs                            | 62           | 10.98  |             | .00    |              | .00    |             | .00    | 4   | 16.55   |     | .00    |
| 7 1/2 Furlongs                        |              | .00    |             | .00    |              | .00    |             | .00    |     | .00     |     | .00    |
| 1 Mile                                |              | .00    | 143         | 13.35  |              | .00    | 94          | 13.03  |     | .00     | 6   | 8.97   |
| 1 Mile Plus 40 & 70                   |              | .00    |             | .00    |              | .00    |             | .00    |     | .00     |     | .00    |
| 1 1/16 Mile                           |              | .00    | 129         | 13.05  |              | .00    |             | .00    |     | .00     | 4   | 18.90  |
| 1 1/18 Mile                           |              | .00    | 31          | 12.85  |              | .00    | 56          | 12.65  |     | .00     | 4   | 11.45  |
| 1 3/16 Mile                           |              | .00    |             | .00    |              | .00    |             | .00    |     | .00     |     | .00    |
| 1 1/4 Mile                            |              | .00    | 8           | 11.90  |              | .00    | 28          | 10.12  |     | .00     |     | .00    |
| <b>RACE TYPES</b>                     |              |        |             |        |              |        |             |        |     |         |     |        |
| Grades Stakes & Hdcp                  | 26           | 12.69  | 36          | 12.90  | 9            | 14.82  | 36          | 8.73   | 1   | 28.20   | 5   | 9.72   |
| Stakes and Handicap                   | 20           | 8.54   | 22          | 13.49  | 9            | 19.87  | 22          | 14.00  |     | .00     | 1   | 9.60   |
| Allowance                             | 61           | 9.77   | 48          | 9.28   | 38           | 14.76  | 52          | 13.82  | 1   | 67.00   | 1   | 4.60   |
| Non-Maiden Claiming                   | 154          | 14.23  | 148         | 14.41  | 34           | 16.70  | 47          | 12.54  | 13  | 17.12   | 3   | 7.40   |
| Maiden Special Wgt.                   | 120          | 13.22  | 25          | 9.95   | 2            | 15.80  | 21          | 13.65  | 4   | 17.00   | 2   | 7.50   |
| Maiden Claiming                       | 97           | 20.48  | 30          | 16.26  |              | .00    |             | .00    | 2   | 13.50   | 2   | 37.60  |
| <b>RACE ESP SHAPES</b>                |              |        |             |        |              |        |             |        |     |         |     |        |
| E E E                                 | 33           | 9.95   | 4           | 19.95  | 2            | 19.20  | 4           | 6.00   | 2   | 28.70   | 1   | 11.60  |
| E E                                   | 70           | 10.88  | 17          | 13.55  | 19           | 16.77  | 8           | 7.68   | 1   | 15.00   | 1   | 9.60   |
| E EP                                  | 112          | 15.41  | 94          | 14.33  | 26           | 11.99  | 45          | 14.89  | 7   | 17.43   | 5   | 6.68   |
| E                                     | 44           | 13.59  | 15          | 16.72  | 10           | 23.84  | 17          | 8.24   | 1   | 67.00   | 1   | 17.00  |
| EP EP                                 | 90           | 13.74  | 75          | 11.89  | 21           | 18.10  | 33          | 12.93  | 6   | 12.90   | 4   | 19.30  |
| EP P                                  | 44           | 14.61  | 62          | 13.78  | 10           | 14.82  | 42          | 12.34  |     | .00     | 1   | 20.20  |
| EP                                    | 9            | 9.51   | 4           | 10.85  |              | .00    | 2           | 11.10  |     | .00     |     | .00    |
| P P                                   | 45           | 17.33  | 33          | 10.39  | 4            | 9.55   | 24          | 12.60  | 2   | 6.40    | 1   | 6.20   |
| P S                                   | 17           | 29.15  | 4           | 7.80   | 1            | 7.80   | 3           | 17.27  | 1   | 14.20   |     | .00    |
| P                                     | 4            | 8.05   | 2           | 4.60   |              | .00    |             | .00    |     | .00     |     | .00    |
| S                                     | 12           | 17.58  | 1           | 6.60   |              | .00    |             | .00    | 1   | 47.00   |     | .00    |
| <b>RACE PACE SHAPES</b>               |              |        |             |        |              |        |             |        |     |         |     |        |
| Fast (EEE, EE)                        | 103          | 10.58  | 21          | 14.77  | 21           | 17.00  | 12          | 7.12   | 3   | 24.13   | 2   | 10.60  |
| Lone (E, P-P, EP)                     | 97           | 13.67  | 81          | 14.18  | 20           | 19.33  | 61          | 11.15  | 1   | 67.00   | 2   | 18.60  |
| Honest (E-EP, EP-EP)                  | 202          | 14.67  | 169         | 13.24  | 47           | 14.72  | 78          | 14.06  | 13  | 15.34   | 9   | 12.29  |
| Slow (PP, PS, P, S)                   | 78           | 19.47  | 40          | 9.75   | 5            | 9.20   | 27          | 13.12  | 4   | 18.50   | 1   | 6.20   |
| <b>RACES AGE AND SEX RESTRICTIONS</b> |              |        |             |        |              |        |             |        |     |         |     |        |
| ASR 1 (3Up M&F)                       | 183          | 12.78  | 164         | 14.85  | 41           | 13.43  | 104         | 13.82  | 12  | 21.28   | 8   | 16.33  |
| ASR 2 (3 Up F)                        | 75           | 13.77  | 49          | 9.59   | 34           | 20.13  | 47          | 9.57   | 3   | 19.93   | 2   | 11.70  |
| ASR 3 (2 Yr M&F)                      | 46           | 13.83  | 15          | 14.53  | 1            | 13.80  | 4           | 14.50  |     | .00     |     | .00    |
| ASR 4 (3Yr M&F)                       | 99           | 16.22  | 56          | 11.02  | 4            | 18.05  | 10          | 12.18  | 3   | 10.53   | 3   | 6.13   |
| ASR 5 (3Yr F)                         | 77           | 16.68  | 27          | 12.82  | 3            | 8.73   | 13          | 11.54  | 3   | 22.00   | 1   | 2.80   |
| <b>RACE FIELD SIZES</b>               |              |        |             |        |              |        |             |        |     |         |     |        |
| UP TO 6 HORSES                        | 77           | 8.60   | 66          | 7.58   | 14           | 14.16  | 26          | 7.56   | 1   | 6.20    | 4   | 8.85   |
| 7 AND 8 HORSES                        | 156          | 10.87  | 126         | 11.54  | 28           | 13.82  | 63          | 9.55   | 13  | 17.46   | 3   | 7.47   |
| 9 AND 10 HORSES                       | 137          | 16.95  | 95          | 16.33  | 18           | 11.09  | 66          | 15.20  | 5   | 27.24   | 5   | 10.44  |
| 11 AND 12 HORSES                      | 109          | 20.24  | 23          | 24.80  | 30           | 20.60  | 21          | 18.68  | 2   | 21.70   | 2   | 32.60  |
| 13 AND UP HORSES                      |              | .00    |             | .00    | 3            | 26.20  | 2           | 11.70  |     | .00     |     | .00    |
| <b>FIRST TIME STARTERS</b>            |              |        |             |        |              |        |             |        |     |         |     |        |
| RACE WITH 1st TIMERS                  | 210          | 16.50  | 15          | 11.16  | 5            | 12.60  | 14          | 14.21  | 5   | 17.76   | 1   | 8.80   |
| RACES W/O 1st TIMERS                  | 270          | 12.71  | 296         | 13.24  | 88           | 16.12  | 164         | 12.30  | 16  | 20.25   | 13  | 12.80  |
| <b>RACES FOR STATEBREDS</b>           |              |        |             |        |              |        |             |        |     |         |     |        |
| ONLY STATE BRED RACES                 | 34           | 11.76  | 2           | 6.60   | 3            | 4.87   | 6           | 30.97  | 2   | 11.20   | 1   | 6.20   |
| NO STATE BRED RACES                   | 89           | 13.51  | 54          | 12.77  | 28           | 14.72  | 62          | 13.33  | 11  | 18.62   | 7   | 14.71  |

**Figure 5.3 Track Payoff Analysis**

## **How to Run the DB Analysis (Handicapping Profile Evaluation) (continued)**

There are four ways to run the DB Run Analysis with respect to the types of reports printed:

- First, you can select the Summary Report which prints a statistical summary of betting performance.
- Second, you can select the Full Report which prints the summary and also prints a listing of every race used in the DB Run Analysis. You can limit the printing of the list of races to just a single page in the PREFERENCE section of the CUSTOM Module.
- Third, you can select the One-Line Report. This report prints a maximum of six lines for each DB Run and you can include multiple DB Runs on a single page. It is a nice paper saver.
- Fourth, you can skip printing the reports on your printer in favor of showing selected information on your computers monitor screen.

**NOTE: The DB Run Analysis is not affected by the win, place, show option or the include/exclude pace selection. It is affected by the race screens you set and by the inner/main track selection.**

### ***To run the Selected Handicapping Profile version of the DB Run Analysis:***

- 1 → Click the “DB RUN” button
- 2 → Select the “SELECTED PROFILES” option
- 3 → Select the “SUMMARY” or the “FULL” or the “ONE-LINE” or the “ON-SCREEN” report type option
- 4 → Click “DONE”
- 5 → Select the profile you want to use for each race type

To do this, click the “FOCUS” button for the race type and then click the Handicapping Profile name in the profile list that you want to use for the race type. You must assign a profile to each race type unless the race type is “Blacked Out”.

- 6 → Click “GO”

ALL-Ways software will now run one analysis for the Handicapping Profiles that you selected.

### ***To run the Automatic ALL Handicapping Profiles version of the DB Run Analysis***

When you run this version of the DB Run Analysis, ALL-Ways software will automatically run a One-Line DB Run Analysis for each individual Handicapping Profile in your profile list for the track, provided the specific profile has “memorized” the Race Screens that were used when the profile was made, using the ALL-Ways Memory Screen feature. It prints one line on the report for each profile. The key point here is that the profile is tested against the specific types of races it was intended to handicap.

NOTE: See a complete description of Memory Screens later in this chapter.

- 1 → Click the “DB RUN” button

This will force the selection of the One-Line DB Run Report

- 2 → Click “GO AUTO”

This will start the process of running each Handicapping Profile that used the Memory Screens feature.

- 3 → After the run is complete, click the “PRINT ONE LINE REPORT” button.

| PROFILE ANALYSIS SCREENS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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-------------------------------------------------------------------------------------------------------------|--|----|----|----|----|----|----|-------|-----|----|---|----|---|---|-----|----|----|---|----|---|---|-----|-------|-------|-------|------|
| RACE SCREENS #1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | RACE SCREENS #2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                                                                                                                                                                                                                                                                | SAVE/RECALL RACE SCREENS                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                           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| <b>SURF</b><br><input checked="" type="radio"/> all<br><input type="radio"/> dirt<br><input type="radio"/> turf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>DISTANCE</b><br><input checked="" type="radio"/> all <input type="radio"/> sprints <input type="radio"/> routes <input type="radio"/> select<br><div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> 5 F/under<br/> <input checked="" type="checkbox"/> 5 1/2 F<br/> <input checked="" type="checkbox"/> 6 F<br/> <input checked="" type="checkbox"/> 6 1/2 F<br/> <input checked="" type="checkbox"/> 7 F<br/> <input checked="" type="checkbox"/> 7 1/2 F             </div> <div> <input checked="" type="checkbox"/> 1 mile<br/> <input checked="" type="checkbox"/> 1 mile +40/+70<br/> <input checked="" type="checkbox"/> 1 1/16 mile<br/> <input checked="" type="checkbox"/> 1 1/8 mile<br/> <input checked="" type="checkbox"/> 1 3/16 mile<br/> <input checked="" type="checkbox"/> 1 1/4 mile/over             </div> </div> |    | <b>ESP</b><br><input type="radio"/> all <input checked="" type="radio"/> select<br><div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> E E E<br/> <input checked="" type="checkbox"/> E E<br/> <input checked="" type="checkbox"/> E EP<br/> <input type="checkbox"/> E<br/> <input checked="" type="checkbox"/> EP EP<br/> <input type="checkbox"/> EP P             </div> <div> <input type="checkbox"/> EP<br/> <input type="checkbox"/> P P<br/> <input type="checkbox"/> P S<br/> <input type="checkbox"/> P<br/> <input type="checkbox"/> S<br/> <input type="checkbox"/> P             </div> </div> |    | <b>RACE SHAPE</b><br><input type="radio"/> all <input checked="" type="radio"/> select<br><input checked="" type="checkbox"/> Fast Early<br><input type="checkbox"/> Lone Early<br><input checked="" type="checkbox"/> Honest<br><input type="checkbox"/> Slow |                                                                                                                                                                                                                                                                                                                                                                                                            | <b>MAX RACES</b><br><input checked="" type="radio"/> all races<br><input type="radio"/> mra max<br><input type="radio"/> select<br><div style="display: flex; align-items: center;"> each type<br/>ds dr<br/>ts tr<br/>os or             <div style="margin-left: 10px;"> <input type="text" value="all"/><br/> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |    |    |    |              |  |  |  |  |  |  |           |  |  |  |  |  |  |          |  |  |  |  |  |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |    |    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                              |  |    |    |    |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
| <b>DATE</b><br><input checked="" type="radio"/> all <input type="radio"/> select                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                                                                                                                                                                                                                                                                | <b>RATING</b><br><input type="radio"/> all <input checked="" type="radio"/> select<br><div style="display: flex; align-items: center;"> equal or less             <div style="margin-left: 10px;"> </div> </div> <div style="text-align: center; margin-top: 5px;">116</div> <div style="display: flex; align-items: center;"> equal or greater             <div style="margin-left: 10px;"> </div> </div> |                                                                                                                                                                                                                                                                                                                               | <b>WIN PAYOFF</b><br><input checked="" type="radio"/> all <input type="radio"/> select<br><div style="display: flex; align-items: center;"> equal or less             <div style="margin-left: 10px;"> </div> </div> <div style="text-align: center; margin-top: 5px;">no high limit</div> <div style="text-align: center; margin-top: 5px;">no low limit</div> <div style="display: flex; align-items: center;"> equal or greater             <div style="margin-left: 10px;"> </div> </div> |    |    |    |    |              |  |  |  |  |  |  |           |  |  |  |  |  |  |          |  |  |  |  |  |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |    |    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                              |  |    |    |    |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
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border-collapse: collapse; text-align: center;"> <thead> <tr> <th>DS</th><th>DR</th><th>TS</th><th>TR</th><th>OS</th><th>OR</th><th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>190</td><td>81</td><td>7</td><td>97</td><td>7</td><td>7</td><td>389</td> </tr> <tr> <td>98</td><td>25</td><td>1</td><td>29</td><td>5</td><td>3</td><td>161</td> </tr> </tbody> </table> |  | DS | DR | TS | TR | OS | OR | TOTAL | 190 | 81 | 7 | 97 | 7 | 7 | 389 | 98 | 25 | 1 | 29 | 5 | 3 | 161 | COUNT | PRINT | CLEAR | DONE |
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| PROFILE ANALYSIS SCREENS                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                              |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
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| RACE SCREENS #1                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                    |    | RACE SCREENS #2                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SAVE/RECALL RACE SCREENS                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                              |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
| <b>RACE TYPE</b><br><input type="radio"/> all <input checked="" type="radio"/> sel<br><input checked="" type="checkbox"/> graded stk/hcp<br><input checked="" type="checkbox"/> stk/hcp<br><input checked="" type="checkbox"/> allowance<br><input checked="" type="checkbox"/> claiming<br><input type="checkbox"/> maiden special<br><input type="checkbox"/> maiden claiming                              | <b>ASR</b><br><input checked="" type="radio"/> all <input type="radio"/> select<br><input checked="" type="checkbox"/> asr 1 (3up M and F)<br><input checked="" type="checkbox"/> asr 2 (3up Female)<br><input checked="" type="checkbox"/> asr 3 (2 yr olds)<br><input checked="" type="checkbox"/> asr 4 (3yr M and F)<br><input checked="" type="checkbox"/> asr 5 (3yr Female) |    | <b>DAY OF WEEK</b><br><input type="radio"/> all <input checked="" type="radio"/> select<br><input checked="" type="checkbox"/> Saturday<br><input checked="" type="checkbox"/> Sunday<br><input checked="" type="checkbox"/> Monday<br><input checked="" type="checkbox"/> Tuesday<br><input checked="" type="checkbox"/> Wednesday<br><input checked="" type="checkbox"/> Thursday<br><input checked="" type="checkbox"/> Friday |    | <b>FIELD SIZE</b><br><input type="radio"/> all <input checked="" type="radio"/> select<br><input checked="" type="checkbox"/> up to 4<br><input checked="" type="checkbox"/> 5<br><input checked="" type="checkbox"/> 6<br><input checked="" type="checkbox"/> 7<br><input checked="" type="checkbox"/> 8<br><input checked="" type="checkbox"/> 9<br><input checked="" type="checkbox"/> 10<br><input checked="" type="checkbox"/> 11<br><input checked="" type="checkbox"/> 12<br><input checked="" type="checkbox"/> 13 and up |                                                                                                                                                     | <b>PURSE VALUE</b><br><input type="radio"/> all <input checked="" type="radio"/> select<br><div style="display: flex; align-items: center;"> equal or less             <div style="margin-left: 10px;"> </div> </div> <div style="text-align: center; margin-top: 5px;">no high limit</div> <div style="text-align: center; margin-top: 5px;">no low limit</div> <div style="display: flex; align-items: center;"> equal or greater             <div style="margin-left: 10px;"> </div> </div> |                                                                                                                                                              |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
| <b>STATE BRED</b><br><input checked="" type="radio"/> all<br><input type="radio"/> no state bred<br><input type="radio"/> only state bred                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>1st TIMERS</b><br><input checked="" type="radio"/> all<br><input type="radio"/> no 1st timer races<br><input type="radio"/> only 1st timer races |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>CATEGORY</b><br><input checked="" type="radio"/> all<br><input type="radio"/> chaos<br><input type="radio"/> contentious<br><input type="radio"/> orderly |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
| <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>DS</th><th>DR</th><th>TS</th><th>TR</th><th>OS</th><th>OR</th><th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>190</td><td>81</td><td>7</td><td>97</td><td>7</td><td>7</td><td>389</td> </tr> <tr> <td>75</td><td>22</td><td>1</td><td>29</td><td>4</td><td>3</td><td>134</td> </tr> </tbody> </table> |                                                                                                                                                                                                                                                                                                                                                                                    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DS                                                                                                                                                  | DR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TS                                                                                                                                                           | TR | OS | OR | TOTAL | 190 | 81 | 7 | 97 | 7 | 7 | 389 | 75 | 22 | 1 | 29 | 4 | 3 | 134 | COUNT | PRINT | CLEAR | DONE |
| DS                                                                                                                                                                                                                                                                                                                                                                                                           | DR                                                                                                                                                                                                                                                                                                                                                                                 | TS | TR                                                                                                                                                                                                                                                                                                                                                                                                                                | OS | OR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TOTAL                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                              |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
| 190                                                                                                                                                                                                                                                                                                                                                                                                          | 81                                                                                                                                                                                                                                                                                                                                                                                 | 7  | 97                                                                                                                                                                                                                                                                                                                                                                                                                                | 7  | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 389                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                              |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |
| 75                                                                                                                                                                                                                                                                                                                                                                                                           | 22                                                                                                                                                                                                                                                                                                                                                                                 | 1  | 29                                                                                                                                                                                                                                                                                                                                                                                                                                | 4  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 134                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                              |    |    |    |       |     |    |   |    |   |   |     |    |    |   |    |   |   |     |       |       |       |      |

**Figure 5.4 Analysis Race Screens**

## How to Run the DB Analysis (Handicapping Profile Evaluation) (continued)

This report almost always reveals that if the first pick of a profile does not do particularly well, the second pick does well and vice versa. This is the primary reason why we say it is important to pay attention to the top two or three selections made by ALL-Ways software.

### ◆ HOW TO RUN THE DB RUN ANALYSIS (GOING-OFF-ODDS “WHAT IF?” WAGERING ANALYSIS)

This report handicaps the races in your Race Database for the track that match your Race Screens. It uses the Handicapping Profiles that you instruct it to use. It then prints a report that shows you how well you would have done wagering on selected races depending on the percentage overlay (Going-Off-Odds higher than ALL-Ways odds), depending on minimum going-off-odds and depending on certain two-horse win betting scenarios using “Dutching” to determine wager amounts.

To use the Going-Off-Odds “What if?” Wagering Analysis

- 1 → Set the Race Screens you want to use
- 2 → Click the “DB RUN” button
- 3 → Select either the “FULL” or “SUMMARY” report type
- 4 → Click on the check box labeled “OFF-ODDS ON”
- 5 → Click “DONE”
- 6 → Select the profile you want to use for each race type
- 7 → Click “GO”

NOTE: As with other DB Run Analysis Reports, this DB Run is affected by the Race Screens you set, the inner/main track settings for AQU, BEL and SAR and the Handicapping Profiles that you assign for each race type.

### ◆ HOW TO RUN THE DB RUN ANALYSIS (TRACK PAYOFF ANALYSIS)

See figure 5.3.

This report shows you, in a very comprehensive manner, the average win payoff, the average Exacta payoff and the average Trifecta payoff for virtually every type of race run at the track you are analyzing. **This is a powerful tool to determine where the high payoffs are occurring.** ALL-Ways software will even automatically exclude abnormally high payoffs so that you get an accurate picture of the average payoffs. Not only is this powerful for determining which kinds of races to play, it is also a great tool to determine which tracks to play.

#### To use the Database Run Payoff Analysis:

- 1 → In the Analysis Module, click the DB Run function.
- 2 → Select the Payoff Analysis, either all payoffs or screened payoffs. The screened payoffs eliminate abnormally high payoffs that might distort the average.
- 3 → Click “done” and then click “go”.

**NOTE: The DB Run Analysis for the Track Payoff Analysis is affected by the race screens you set and by the inner/main track selection. If you want to just examine maiden races, then simply set the race screens to**

include only maiden races.

## ◆ **HOW TO ANALYZE ONLY SELECTED RACES**

The Analysis Module includes a special capability that allows you to select only certain types of races for an analysis run. This screening capability is done using the Analysis Race Screening Form.

### **To get to the Analysis Race Screening Form:**

- If you are creating the race screens, click the “CREATE” button in the upper left hand corner of the Analysis Module.
- If you are modifying the race screens, click the “MODIFY” button in the upper left hand corner of the Analysis Module.

The Analysis Screening Form will now appear as shown in Figure 5.2.

There are sixteen different race factors that can be screened. You may screen races using one, all or any combination of these race factors.

### **How to set up the race screens:**

#### **Track Surface:**

- Click “DIRT” for only dirt races
- Click “TURF” for only turf races

#### **Track Condition:**

- Click “DRY” for only dry conditions
- Click “OFF” for only off tracks

**NOTE: This only affects dirt races**

#### **Race Distance:**

- Click “SPRINTS” for only sprints
- Click “ROUTES” for only routes
- Click “SEL” to select specific distances, then click the distances you want to *include* in the analysis

#### **Race Type:**

- Click “SEL” to select specific race types
- Click the race types you want to *include* in the analysis

#### **Projected Race ESP Shape:**

- Click “SELECT” to select specific projected ESP Race Shapes
- Click the projected ESP Race Shapes you want to *include* in the analysis

#### **Age and Sex Restrictions (ASR):**

- Click “SEL” to select specific ASR’s
- Click the ASR’s you want to *include* in the analysis

Reminder:

ASR 1 = 3 up male/female and 3 up male only

ASR 2 = 3 up female only

## How to Analyze Only Selected Races (continued)

ASR 3 = 2 year old only

ASR 4 = 3 year old only males/females and 3 year old only male only

ASR 5 = 3 year old only females

### Race Date:

- Click “SELECT” to select before and after date cutoffs
- Use the left side calendar to select the *early* date cutoff
- Use the right side calendar to select the *late* date cutoff

### Race Rating:

- Click “SELECT” to select high and low race rating cutoffs
- Click the top “SPIN BUTTON” to set the high race rating cutoff
- Click the bottom “SPIN BUTTON” to set the low race rating cutoff

### Mutual Payoff:

- Click “SELECT” to select high and low winner’s mutual payoff cutoffs
- Click the top “SPIN BUTTON” to set the high mutual payoff cutoff
- Click the bottom “SPIN BUTTON” to set the low mutual payoff cutoff

### Races Back:

- Set how far back in your database you want ALL-Ways software to go in terms of the number of races it examines for each type of race (i.e., DS, DR, TS, TR, OS, OR).

### State Bred:

- Click “INCLUDE” to include state bred races
- Click “EXCLUDE” to exclude state bred races
- Click “ONLY” to include only state bred races

### First Time Starters:

- Click “INCLUDE” to include races with first time starters
- Click “EXCLUDE” to exclude races with first time starters
- Click “ONLY” to include only races with first time starters

### Day of Week:

- Click “SELECT” to select specific day of the week
- Click the days of the week you want to include

### Field Size:

- Click “select” to select the specific field sizes you want to include
- Click the specific field sizes to include

### Purse Value:

- Click “SELECT” to select high and low purse values
- Click the top “SPIN BUTTON” to set the upper purse value limit
- Click the bottom “SPIN BUTTON” to set the lower purse value limit

### Race Category:

- Click “ALL” to include all Race Categories
- Click the specific Race Category you want to include if you do not want to include all categories

## 1sx TOP 3 ANALYSIS: WIN HORSES

[illegible]

```
*bold print 1: 30%, 2: 40%, 3: 60%
```

**Figure 5.5 Top 3 Analysis Report (only 71 of 87 Factors are shown here)**

### ***Here is the definition for the three different Race Categories***

#### **Race Category**

ALL-Ways assigns every race to a Race Category. The concept of Race Categories was discussed at length in ALL-Ways Newsletter #2 dated July 1996. The Newsletter explains how to determine the category and how to handicap and wager on these races. You can obtain a copy of this ALL-Ways Newsletter from the Frandsen Publishing Web site or by calling Frandsen Publishing. The three Race Categories are:

#### **Chaos Races:**

The Hall Speed Ratings can be compared directly to the Race Rating of today's race to determine if a horse has demonstrated the ability to run to the Par Time of today's race. For example, if today's race has a Race Rating of 115, then a horse with a 115 or higher Hall Speed Rating (either Hall Speed Paceline, Hall Speed Last or Hall Speed 2/3), has demonstrated the ability to run to the Par Time of today's race.

ALL-Ways considers a race to be a Chaos Race if no horse in the race has a Hall Speed Rating (Paceline or 2/3) that is within 2 points of the Race Rating of today's race.

#### **Contentious Races:**

ALL-Ways considers a race to be Contentious if there are four or more horses with the highest speed figures and their speed figures are within two points of each other. Both Hall and BRIS speed figures are examined to make this determination. ALL-Ways also looks at Total Comprehensive Points for each horse. If four or more of the top rated horses have Total Comprehensive Points that fall in a narrow range (within 6 points), then the race is also considered Contentious. You will see that more races are assigned to this Contentious category than the other two categories.

#### **Orderly:**

If a race is not a Chaos race or a Contentious race, it is an Orderly race. Orderly races generally have one to three horses that stand out clearly from the rest of the field and at least one of these horses has demonstrated the ability to run to the Par Time of today's race.

When you are done selecting the screens, click "DONE" to return to the main Analysis Module.

#### ***Some other race screening functions:***

- **"COUNT" button:** Click this to see a count of the races that passed your Race Screens.
- **"PRINT" button:** Click this to print a one page summary of your Race Screen settings.
- **"CLEAR" button:** Click to reset the Race Screens to "ALL" races (i.e., no races will be screened out).

### **◆ HOW TO HANDLE INNER AND MAIN TRACKS AT AQUEDUCT, BELMONT AND SARATOGA**

ALL-Ways software maintains separate pars, daily track variants, track profiles, and track-to-track adjustments for main and inner tracks. So, all pace and speed figures calculated by ALL-Ways software are developed separately for inner and main tracks. The MRA Default and MRA Pace functions, which automatically create profiles if there are a sufficient number of races, create both inner and main turf course profiles for Belmont and Saratoga. These profiles coexist in the same profile list.

**Since Aqueduct does not use both the inner and main dirt tracks on the same race card, it is more convenient not to have both sets of profiles in the same list. So, the inner and main dirt tracks at Aqueduct require you to set the Main or Inner Dirt selection in the Analysis Module. All dirt profiles in your profile list for Aqueduct will be**

## **How to Handle Inner and Main Tracks at Aqueduct, Belmont and Saratoga (continued)**

either for the inner dirt track OR the main dirt track, but not both.

**How to use the Inner/main track Race Screen:**

- The Race Screen selection for inner vs. main tracks is actually made on the main Analysis Module display. Simply click on the appropriate option button at the top left part of the display.

**NOTE: The default settings are for main tracks. There is no need to change these settings for any tracks other than Aqueduct when creating Handicapping Profiles.**

The inner vs. main track setting affects all analysis reports. This means the Top 3, Impact Value, and DB Run Reports. The MRA Custom function is also affected by this selection. At Aqueduct, where there are separate inner and main dirt track meets, just select the setting that matches the meet. Belmont and Saratoga have inner and main turf tracks and they intermix these races. If you want to analyze Inner Turf Track races, you must select Inner Turf races. Otherwise, only Main Turf Track races will be analyzed.

### **◆ AN EXPLANATION OF MEMORY SCREENS**

The Memory Screen feature in ALL-Ways software is automatically used when Handicapping Profiles are created using the MRA Default, MRA Pace, MRA Custom, Race Card Best Factor and Race Card MRA functions. In addition, The Memory Screen feature is used for profiles you create manually in the Profile Module provided you saved the Calculated Impact Values after running the IV Analysis Report and used the Calculated Impact Values method to assign Impact Values to the profile.

MRA Custom profiles began using Memory Screens in ALL-Ways Version 8. The other types of profiles began using Memory Screens in Version 9. If you have a profile created without Memory Screens in a prior version of ALL-Ways software, simply create it again in ALL-Ways Version 9 or later.

The Memory Screens feature means that ALL-Ways software “remembers” the Race Screens that were used when the profile was created. In this manner, ALL-Ways software knows exactly the kinds of races that each profile was designed to handicap.

These Memory Screens are used two ways by ALL-Ways software:

- 1 → They are used by the Automatic All Profiles One-Line DB Run Analysis in the Analysis Module. The Memory Screens feature lets ALL-Ways automatically test the effectiveness of each profile for the races in your Race Database that pass the Race Screens that were used when the profile was made.
- 2 → (Professional Edition) They are used by the Automatic Function in the Analysis Module to automatically update your MRA Default, MRA Pace and MRA Custom handicapping profiles.

**NOTE:** The Automatic Function will not update manually created Handicapping Profiles even if they include the Memory Screen feature. This is because ALL-Ways software has no way to know what Handicapping Factors you want to continue to use in your manual profiles.

### **◆ HOW TO SAVE RACE SCREEN SETTINGS**

When you create a set of Race Screens, there are times you will want use the same set over and over again. For example, you may create a set of Race Screens for non maiden, 6 and 6 ½ furlong, dirt sprint Claiming races so that you can create a custom Handicapping Profile. To test the profile, you will want to use exactly the same set of Race Screens to run the Database Run Analysis. ALL-Ways lets you create a set of Race Screens and then save the set so you can recall the same set for use any time you want to use it in the future.

#### **Saving a Set of Race Screens**

- 1 → Set the Race Screens you want to use.
- 2 → Click on the SAVE/RECALL RACE SCREENS button at the top of the Race Screens pages.

RACES: 55   HORSES: 437

**Figure 5.6 IV Analysis Report (only 71 of 87 Factors are shown here)**

- 3 → Click the SAVE FUNCTION button.
- 4 → Enter the name you want to assign to the set of Race Screens. We suggest you make it a very descriptive name.
- 5 → Click the GO SAVE button.

### Recalling a Set of Race Screens

- 1 → Click the RECALL FUNCTION button. This will display the list of previously saved Race Screen sets.
- 2 → Click on a set of Race Screens in the list. This will display the screens that are included in the selected Race Screen set.
- 3 → Click GO RECALL. This will load the set of Race Screens. You will be able to see them actually set on the Race Screen pages just as though you had set them yourself one-at-a-time.

### Deleting a Set of Race Screen

- 1 → Click the DELETE FUNCTION. This will display the list of previously saved Race Screen sets.
- 2 → Click on a set of Race Screens in the list. This will display the screens that are included in the selected Race Screen set.
- 3 → Click GO DELETE. This will remove the selected set of Race Screens.

## ◆ HOW TO READ THE ANALYSIS REPORTS

### *The Top 3 Analysis report*

Refer to Figure 5.5.

**NOTE: You can reduce the Top 3 Analysis Report printout to one page by selecting the factors you want to print in the Custom-Preferences Module.**

The Top 3 Analysis prints three pages, one each for win, place and show horses. You can choose which reports to print in the PREFERENCE section of the CUSTOM Module.

Each report lists the 87 main handicapping factors down the left side. See Appendix B for an explanation of these handicapping factors.

Each report has 7 major column groups, one each for dirt sprint, dirt routes, turf sprints, turf routes, off sprints and off routes (“OFF” means an off dirt track) and one column group for the total of all race types.

Each column group has three additional columns marked 1, 2 and 3. These three columns are the key to interpreting the Top 3 Analysis report.

Using the Win Horses page, you interpret these three columns as follows:

- **Column #1:** This is the percentage of races won by horses that were ranked **number one** for this factor
- **Column #2:** This is the percentage races won by horses that ranked **number 1 or number 2** for this factor
- **Column #3:** This is the percentage of races won by horses that ranked **number 1 or number 2 or number 3** for this factor

**NOTE: Some of the main handicapping factors are *not* included because they do not lend themselves to this type of analysis. Other factors are shown only for the type of races to which they apply (such as, “Turf Record” only applies to turf races). The Top 3 Report is most effective for handicapping factors that use the ranking scheme 1, 2, 3, front half, and rear half.**

### *The IV Analysis report*

Refer to Figure 5.6.

**NOTE: You can reduce the IV Analysis Report printout to one page by selecting the factors you want to print in**



gpx SUMMARY DB RUN ANALYSIS REPORT

DS: ml:ds  
DR: ml:dr

TS: NONE  
TR: ml:tr

OS: NONE  
OR: NONE

|                   | DIRT SPRINT |    | DIRT ROUTE |    | TURF SPRINT |   | TURF ROUTE |    | OFF SPRINT |   | OFF ROUTE |   | ALL RACES |    |
|-------------------|-------------|----|------------|----|-------------|---|------------|----|------------|---|-----------|---|-----------|----|
| NO. OF RACES      | NUM         | %  | NUM        | %  | NUM         | % | NUM        | %  | NUM        | % | NUM       | % | NUM       | %  |
|                   | 35          |    | 35         |    | 0           |   | 35         |    | 0          |   | 0         |   | 105       |    |
| FIRST PICK        |             |    |            |    |             |   |            |    |            |   |           |   |           |    |
| WIN               | 14          | 40 | 15         | 43 | 0           | 0 | 15         | 43 | 0          | 0 | 0         | 0 | 44        | 42 |
| PLACE             | 4           | 11 | 8          | 23 | 0           | 0 | 3          | 9  | 0          | 0 | 0         | 0 | 15        | 14 |
| SHOW              | 3           | 9  | 3          | 9  | 0           | 0 | 4          | 11 | 0          | 0 | 0         | 0 | 10        | 10 |
| ITM               | 21          | 60 | 26         | 74 | 0           | 0 | 22         | 63 | 0          | 0 | 0         | 0 | 69        | 66 |
| SECOND PICK       |             |    |            |    |             |   |            |    |            |   |           |   |           |    |
| WIN               | 13          | 37 | 4          | 11 | 0           | 0 | 8          | 23 | 0          | 0 | 0         | 0 | 25        | 24 |
| PLACE             | 4           | 11 | 9          | 26 | 0           | 0 | 3          | 9  | 0          | 0 | 0         | 0 | 16        | 15 |
| SHOW              | 5           | 14 | 7          | 20 | 0           | 0 | 7          | 20 | 0          | 0 | 0         | 0 | 19        | 18 |
| ITM               | 22          | 63 | 20         | 57 | 0           | 0 | 18         | 51 | 0          | 0 | 0         | 0 | 60        | 57 |
| THIRD PICK        |             |    |            |    |             |   |            |    |            |   |           |   |           |    |
| WIN               | 1           | 3  | 6          | 17 | 0           | 0 | 4          | 11 | 0          | 0 | 0         | 0 | 11        | 10 |
| PLACE             | 5           | 14 | 5          | 14 | 0           | 0 | 5          | 14 | 0          | 0 | 0         | 0 | 15        | 14 |
| SHOW              | 7           | 20 | 7          | 20 | 0           | 0 | 6          | 17 | 0          | 0 | 0         | 0 | 20        | 19 |
| ITM               | 13          | 37 | 18         | 51 | 0           | 0 | 15         | 43 | 0          | 0 | 0         | 0 | 46        | 44 |
| FOURTH PICK       |             |    |            |    |             |   |            |    |            |   |           |   |           |    |
| WIN               | 2           | 6  | 4          | 11 | 0           | 0 | 3          | 9  | 0          | 0 | 0         | 0 | 9         | 9  |
| PLACE             | 6           | 17 | 1          | 3  | 0           | 0 | 5          | 14 | 0          | 0 | 0         | 0 | 12        | 11 |
| SHOW              | 4           | 11 | 4          | 11 | 0           | 0 | 6          | 17 | 0          | 0 | 0         | 0 | 414       | 13 |
| ITM               | 12          | 34 | 9          | 26 | 0           | 0 | 14         | 40 | 0          | 0 | 0         | 0 | 35        | 33 |
| 1ST AND 2ND PICKS |             |    |            |    |             |   |            |    |            |   |           |   |           |    |
| WIN               | 27          | 77 | 19         | 54 | 0           | 0 | 23         | 66 | 0          | 0 | 0         | 0 | 69        | 66 |
| PLACE             | 8           | 23 | 17         | 49 | 0           | 0 | 6          | 17 | 0          | 0 | 0         | 0 | 31        | 30 |
| SHOW              | 8           | 23 | 10         | 29 | 0           | 0 | 11         | 31 | 0          | 0 | 0         | 0 | 29        | 28 |
| 1ST,2ND,3RD,PICKS |             |    |            |    |             |   |            |    |            |   |           |   |           |    |
| WIN               | 28          | 80 | 25         | 71 | 0           | 0 | 27         | 77 | 0          | 0 | 0         | 0 | 80        | 76 |
| PLACE             | 13          | 37 | 22         | 63 | 0           | 0 | 11         | 31 | 0          | 0 | 0         | 0 | 46        | 44 |
| SHOW              | 15          | 43 | 17         | 49 | 0           | 0 | 17         | 49 | 0          | 0 | 0         | 0 | 49        | 47 |

|                | AVG\$ | \$ROI | AVG\$ | \$ROI | AVG\$ | \$ROI | AVG\$ | \$ROI | AVG\$ | \$ROI | AVG\$ | \$ROI | AVG\$ | \$ROI |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| FIRST PICK     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TO WIN         | 8.09  | 61.7  | 7.11  | 52.3  | .00   | .0    | 9.31  | 99.4  | .00   | .0    | .00   | .0    | 8.17  | 71.1  |
| TO PLACE       | 4.50  | 15.7  | 4.02  | 32.0  | .00   | .0    | 4.50  | 15.7  | .00   | .0    | .00   | .0    | 4.31  | 21.1  |
| TO SHOW        | 3.37  | 1.1   | 3.17  | 17.6  | .00   | .0    | 3.22  | 1.3   | .00   | .0    | .00   | .0    | 3.25  | 6.7   |
| TO W/P         |       | 38.7  |       | 42.1  |       | .0    |       | 57.6  |       | .0    |       | .0    |       | 46.1  |
| TO W/P/S       |       | 26.2  |       | 34.0  |       | .0    |       | 38.8  |       | .0    |       | .0    |       | 33.0  |
| 2nd TO WIN     | 9.97  | 85.1  | 7.35  | -58.0 | .00   | .0    | 10.05 | 14.9  | .00   | .0    | .00   | .0    | 9.58  | 14.0  |
| 1st,2nd TO WIN | 8.99  | 73.4  | 7.16  | -2.9  | .00   | .0    | 9.57  | 57.1  | .00   | .0    | .00   | .0    | 8.68  | 42.6  |

|                              | # BETS | # WINS | \$ WINS | \$ BET | \$ WIN | \$ ROI | AVG BET | AV WIN PO |
|------------------------------|--------|--------|---------|--------|--------|--------|---------|-----------|
| EXACTA AVG PAYOFF = 109.12   |        |        |         |        |        |        |         |           |
| 1/2                          | 105    | 12     | 11      | 210    | 137    | 65.0   | 2.00    | 29        |
| 1/23                         | 105    | 21     | 20      | 420    | 372    | 88.6   | 4.00    | 38        |
| 12/12                        | 105    | 20     | 19      | 420    | 135    | 32.2   | 4.00    | 28        |
| 12/123                       | 105    | 29     | 28      | 840    | 161    | 19.1   | 8.00    | 35        |
| 12/1234                      | 105    | 37     | 35      | 1260   | 67     | 5.3    | 12.00   | 36        |
| 123/123                      | 105    | 31     | 30      | 1260   | -207   | -16.4  | 12.00   | 34        |
| 1/ALL                        | 105    | 44     | 42      | 1686   | 1256   | 74.5   | 16.06   | 67        |
| 12/ALL                       | 105    | 69     | 66      | 3372   | 1978   | 58.7   | 32.11   | 78        |
| TRIFECTA AFB PAYOFF = 755.21 |        |        |         |        |        |        |         |           |
| 1/2/34                       | 105    | 6      | 6       | 420    | 198    | 47.0   | 5.00    | 103       |
| 1/23/23                      | 105    | 7      | 7       | 420    | 222    | 52.8   | 4.00    | 92        |
| 1/23/234                     | 105    | 14     | 13      | 1260   | 2824   | 224.1  | 12.00   | 292       |
| 12/12/34                     | 105    | 11     | 10      | 840    | 166    | 19.7   | 8.00    | 91        |
| 12/123/1234                  | 105    | 16     | 15      | 1680   | 98     | 5.9    | 16.00   | 111       |
| 12/1234/1234                 | 105    | 19     | 18      | 2520   | 1952   | 77.5   | 24.00   | 235       |
| 123/123/123                  | 105    | 10     | 10      | 1260   | -348   | -27.6  | 12.00   | 91        |
| 123/123/1234                 | 105    | 18     | 17      | 2520   | -43    | -1.7   | 24.00   | 138       |
| 1234/1234/1234               | 105    | 23     | 22      | 5040   | 934    | 18.5   | 48.00   | 260       |
| 12/12/ALL                    | 105    | 20     | 19      | 2952   | 212    | 7.2    | 28.11   | 158       |
| 12/123/ALL                   | 105    | 29     | 28      | 5904   | -490   | -8.3   | 56.23   | 187       |
| 12/1234/ALL                  | 105    | 37     | 35      | 8856   | 652    | 7.4    | 84.34   | 257       |
| DOUBLE AVG PAYOFF = 161.97   |        |        |         |        |        |        |         |           |
| 1/1                          | 8      | 0      | 0       | 16     | -16    | -100.0 | 2.00    | 0         |
| 12/12                        | 8      | 4      | 50      | 64     | 73     | 113.7  | 8.00    | 34        |
| 123/123                      | 8      | 7      | 88      | 144    | 909    | 631.5  | 18.00   | 150       |
| 1234/1234                    | 8      | 7      | 88      | 256    | 797    | 311.5  | 32.00   | 150       |
| TRIPLE AVG PAYOFF = 680.37   |        |        |         |        |        |        |         |           |
| 1/1/1                        | 36     | 1      | 3       | 72     | -26    | -36.4  | 2.00    | 46        |
| 12/12/12                     | 36     | 8      | 22      | 576    | 1006   | 174.6  | 16.00   | 198       |
| 123/123/123                  | 36     | 17     | 47      | 1944   | 6178   | 317.8  | 54.00   | 478       |
| 1234/1234/1234               | 36     | 24     | 67      | 4608   | 5126   | 111.2  | 128.00  | 406       |

CALCULATIONS EXCLUDE RACES WITHOUT RESULTS DATA

Figure 5.8 DB Run Analysis Report - Summary Report

### the Custom Preferences Module.

Please see Appendix 'G' for a thorough explanation of how to read the IV Analysis Report.

The IV Analysis report prints seven pages, one each for dirt sprints, dirt routes, turf sprints, turf routes, off sprints and off routes and a page for *all* races combined. You can eliminate the Total report and you can eliminate any report with less than 20 races by using the PREFERENCE section in the CUSTOM Module.

The 87 main handicapping factors are listed down the left side.

The number of races and horses included in the analysis are shown at the top of each page.

The reports columns are divided into two groups, the Left Group and the Right Group.

### The Left Group

The Left Group has up to 5 columns for the IV ranking position. These ranking positions correspond exactly with the ranking schemes discussed in Chapter 7 (Handicapping Profile Module).

For example, the IV Rank Columns for some specific handicapping factors are shown below.

|               | FIRST<br>IV | SECOND<br>IV | THIRD<br>IV | FOURTH<br>IV | FIFTH<br>IV |
|---------------|-------------|--------------|-------------|--------------|-------------|
| Dist Switch   | POSITIVE    | NEUTRAL      | NEGATIVE    |              |             |
| ESP           | ESP 1       | ESP 2        | ESP 3       | ESP 4        |             |
| Comprehensive | 1st         | 2nd          | 3rd         | FRONT        | REAR        |

**NOTE:** See Chapter 7 (Handicapping Profile Module) for a complete explanation of the nine different ranking schemes.

Each column contains the Impact Value for that ranking slot for that handicapping factor. A figure less than 1 is unfavorable (horses win less than their fair share of races). A figure greater than 1 is favorable (horses win more than their fair share of races). A figure of 1 is neutral. Any figure over 2 makes this a powerful handicapping factor for selecting winners (but not necessary for making a profit).

### IMPORTANT

**Please note that handicapping factors with low Impact Values are very important and useful. They should be used in your Handicapping Profiles to help eliminate non-contenders.**

### The Right Group

The right side also has up to 5 column groups that correspond to the handicapping factor rating slots, just like the left side.

Each column group has 2 columns, one for BETS and one for WIN \$.

**Bets:** This is how many bets you would have made if you bet every horse with this ranking slot for this handicapping factor. Remember that more than one horse in a race can have the same ranking. For example, if the highest BRIS speed rating is a 95 and two horses have a 95 BRIS speed rating, then both of them would be ranked "1 st" for this handicapping factor.

**Win:** This column shows the average return on a \$2.00 bet on *all* the horses receiving this ranking position for this handicapping factor. Since you would probably use other handicapping factors to narrow your bet down to one horse (or

## How to Read the Analysis Reports (continued)

2 horses at most), this analysis tends to be a bit conservative (i.e., you should do better than this analysis indicates). A number over \$2.00 is a winning proposition. A number under \$2.00 will cost you money.

The way to use the IV analysis is to look for Impact Values over 1 with a return on a \$2.00 bet over \$2.00. The Impact Value over 1 provides you with frequent payoffs. Returns over \$2.00 makes the win bets profitable.

### How to read the DB Run Analysis - Full report

Refer to Figure 5.7.

This analysis evaluates the effectiveness of your Handicapping Profiles. The report lists the results for all the races in the Race Database for the track you are analyzing. Of course, it does not include races you screened out. You can limit this report to one page, about the most recent 75 races, by using the PREFERENCE section in the CUSTOM Module.

Before you ran this report, you either assigned specific Handicapping Profiles to each race type or you instructed ALL-Ways software to analyze all Handicapping Profiles in the profile list for this track. The profiles assigned by you, or by ALL-Ways software, for each race type are shown at the top of the report (DS = Dirt Sprint, DR = Dirt Route, TS = Turf Sprint, TR = Turf Route, OS = Off Sprint, OR = Off Route).

There are three sections of this report, namely the left side, the right side and the middle.

- The left side of the report shows the race type, date and race number.
- The right side shows the *winners* win, place and show payoffs and the payoffs for Exactas, Trifectas, Doubles and Pick 3's.
- The four column groups in the middle of the report show information about the top 4 picks selected by your handicapping profiles. There are two columns to the left of each horse's name.

The first column ("F") is the *actual finish position of your pick*: Win (1); Place (2); Show (3); Out of the money (0).

The second column (PB) is the percent probability calculated during the handicapping process. This is the percent that was used to calculate the oddsline for the horse. The higher the percent probability, the higher the caliber of the horse and, theoretically, the more reliable the pick should be.

### IMPORTANT

**REPEAT: The horses listed in the middle of the report are the first, second, third and fourth picks made by your Handicapping Profiles. The numbers to the left of the horse show the actual finish position of the horse where a "0" indicates an out of the money finish. The actual winning horse is shown in bold print.**

---

### The DB Run Analysis - Summary report

Refer to figure 5.8.

This report analyzes the results you would have had for various kinds of bets had you made these bets based on the picks of your Handicapping Profiles.

The profiles you assigned to each type of race, or the profiles automatically assigned by ALL-Ways software if you selected all profiles, are shown at the top of the report. (DS = Dirt Sprint, DR = Dirt Route, TS = Turf Sprint, TR = Turf Route, OS = Off Sprint, OR = Off Route).

The type of bet is listed down the left side of the report. The report is divided into three sections: TOP, MIDDLE,

BOTTOM.

### TOP Section

This section shows the number and percentage of Win, Place and Show finishes for:

- Your First Pick
- Your Second Pick
- Your Third Pick
- Your Fourth Pick
- Your First and Second Picks Combined
- Your First, Second and Third Picks Combined

### MIDDLE Section

This section shows the average payoff you would have received and the NET return on investment you would have received if you had:

- Bet your first pick to WIN
- Bet your first pick to PLACE
- Bet your first pick to SHOW
- Bet your first pick to WIN and PLACE
- Bet your first pick to WIN, PLACE and SHOW (across the board)
- Bet your second pick to WIN
- Bet both your first and second picks to WIN

### BOTTOM Section

This section shows you how you would have done with various kinds of “Exotic” bets. Specifically it covers Exacta, Trifecta, Double and Pick 3 wagering.

The left column shows the type of combination bet and is read as follows:

- 1/2                      Your 1st pick over your 2nd pick
- 1/2,3                    Your 1st pick over your 2nd and 3rd picks
- 1,2/1,2                Your 1st and 2nd picks over your 1st and 2nd picks (i.e., a 2 horse box)
- 1,2,3/1,2,3            A 3 horse box
- ETC
- ETC

Reading across you are shown:

- Number of Bets (# bets)
- Number of Wins (# wins)
- Percent Wins (% wins)
- Total Dollars Bet for all Races (\$ bet)
- Total **NET** Profit for all Bets (\$ win)
- Total **NET** Return on Investment (% ROI)
- Average Dollars Bet Per Bet (av. bet)
- Average Payoff Per Win (av. win PO)

**NOTE: ALL-Ways software automatically excludes Double and Pick 3 race groups if any race is missing in the group.**

### **The DB Run Analysis - On-screen**

If you know how to read the DB Run Analysis summary report described above, the ON-Screen report will be intuitively

obvious to you.

### **One-Line Database Run Analysis Report**

When you select the One-Line DB Run report, you can run any number of DB Run analyses and, when you are finished, tell ALL-Ways to print out the One-Line DB Run report that will have all the DB Run results summarized onto a single page. It is a real paper saving feature and it is a good way to run a lot of DB Run analyses when you are evaluating Handicapping Profiles.

#### **To Run the One-Line DB Run Report**

- 1 → From the Main Menu go to the Analysis Module.
- 2 → Enter the track code and click TRACK OK.
- 3 → Click the DB RUN function button This will display the options you have for this DB Run Analysis.
- 4 → Select the ONE-LINE option and click DONE
- 5 → Select the Handicapping Profiles) to analyze and click GO.

ALL-Ways software will now run the DB Run Analysis as it normally does. However, you will now see a new button appear directly above the DB RUN function button. This is the PRINT ONE-LINE REPORT button. This button will remain there until you click it, at which time, it will cause the One-Line DB Run Report to be printed. While this button is displayed, you can continue to run a DB Run Analysis after DB Run Analysis, after DB Run Analysis, etc. Just click the PRINT ONE-LINE REPORT button when you are done.

The One-line DB Run Analysis Report shows the win percent, place percent, show percent, in-the-money percent and average winning mutuel payoff for the first, second and third picks of the Handicapping Profile. It also shows win percent for the top 2 picks and the top 3 picks.

### **The DB Run Going-OFF-Odds “What if?” Wagering Analysis**

There are four column groups of information. There is a group for Dirt Sprints, Dirt Routes, Turf Sprints and Turf Routes. Each column group includes the following information:

- BET # This is the number of wagers made.  
Win % This is the percentage of wagers won.  
AVG \$ This is the average winning payoff.  
ROI % This is the return-on-investment for the wagers.

Reading down the left side of the report, there are four groups of wagering criteria as follows:

#### **ALL RACES**

As you would guess, this means a wager on every race.

#### **OVERLAYS**

An overlay occurs when the going-off-odds for a horse are higher than the odds calculated by ALL-Ways software. If ALL-Ways software pegs a horse at 2 to 1, it is an Overlay if the going-off-odds are higher than 2 to 1. For example, in this case, going-off-odds of 3 to 1 or 5 to 2 or 5 to 1 would all be Overlays. Horses with actual odds below ALL-Ways odds are considered Underlays. It is always best to wager on Overlays.

A 50% Overlay means the ALL-Ways 2 to 1 horse had going-off-odds of 3 to 1 or higher. A 100% overlay would be 4 to 1, and so on. Here is how you read a line in the Overlay portion of the report. It would be something like this: “If I bet ALL-Ways first pick on races where the ALL-Ways first pick was a 50% Overlay, I would have made 31 wagers. I would have won 39% percent of the wagers with an average payoff of \$6.72 and an ROI of 30%.”

### MINIMUM ODDS

The minimum odds portion of the report simply says that you would only bet on the ALL-Ways software pick if the going-off-odds for the horse were at or above a certain minimum. Here is how you read a line in the minimum odds portion of the report. "If I bet ALL-Ways first pick on races where the ALL-Ways first pick went off at 2 to 1 or higher, I would have made 34 wagers. I would have won 29% percent of the wagers with an average payoff of \$7.84 and an ROI of 15%."

### 2-Horse WIN DUTCH

This section shows you how well you would have done by betting two horses to win at various minimum going-off-odds. This requires that both horses you wager on have odds at or above the minimum. "Dutching" means that you bet a proportional amount on each horse such that the payoff you receive for a win would be exactly the same regardless of which horse wins. Here is how you read a line in the 2-Horse Win Betting portion of the report. "If I bet and Dutch ALL-Ways first two picks on races where the two horses went off at 3 to 1 or higher, I would have made 9 wagers. I would have won 44% percent of the wagers with an average payoff of \$11.17 and an ROI of 24%."

**A Reminder: This report is impacted by the Race Screens you set and by the Handicapping Profile you use. At a minimum, you will want to run separate reports for Maiden and Non Maiden races.**

### ***The DB Run Track Payoff Analysis***

This is a very easy report to read. The types of races are listed down the left side. Then, under each distance/surface category, there are two columns. One is the number of races for that type of race in the analysis. The other is the average

# chapter 6

## **gap analysis and search functions**

This chapter is somewhat of an extension of Chapter 5 (Analysis Module).

You will actually use the Analysis

Module to run the Gap Threshold Analysis Report that uses your Race Database for a track to produce an impressive array of Gap Analysis statistics. And, related to this, you can create and test your own personal handicapping angles, called Custom Search Definitions, using the Pro Custom Search functions, also in the Analysis Module. The Search part of all of this occurs automatically at handicapping time where ALL-Ways searches for certain Gap qualifying horses, searches for Key Horse Candidates and searches for horses that meet your Custom Search Definitions. The results of these searches are shown on the Search Handicapping Report.

|           |                                                                                     |
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payoff for those races.

## ◆ **Gap Threshold Analysis**

### ***What is meant by “Gap Analysis”***

If a horse is ranked 1st for a factor, such as BRIS Speed 2/3, with a value of 98 and the 2<sup>nd</sup> ranked horse for BRIS Speed 2/3 has a value of 95, then the top ranked horse has a 3 point gap advantage. Only one horse in a race can have a gap advantage for any single factor. If two horses are tied for 1<sup>st</sup>, they both have a gap advantage of zero. Also, if only one horse has a value for a factor, as sometimes happens in maiden races, then we do not consider it to have a gap advantage. When you run the Gap Analysis function for a track in the Analysis Module, ALL-Ways software calculates the win percentage, the win bet ROI percentage and the in-the-money percentage for each level of gap advantage from 1 to 10+ for each of 52 different handicapping factors that are suitable for such a Gap Analysis. It does this for each particular type of race including separate calculations for inner and main tracks on the New York circuit. For example, using our Race Database for Belmont, if we look at non-maiden turf routes run on the main turf track, we see that horses with a 2 point BRIS Prime Power advantage won 29% of their races and yielded a small loss with a win bet ROI of -6%. But look what happens if the Gap advantage is 4 points. These qualifiers won 41% of the races and yielded a positive win ROI of 28%. A qualifying horse showed up in about 20% of these races.

### ***How to run the Gap Threshold Analysis Report***

- 1 → Go to the Analysis Module, enter the track code and click TRACK OK
- 2 → Click the GAP function button.

This will show the Gap Functions that are available for the current track. The choices are:

- **UPDATE ONLY:** This will run the Gap Analysis and save the Gap Statistics in a file that ALL-Ways will use in the Handicapping Module. It will not print the Gap Analysis Report.
- **PRINT ONLY:** This will run the Gap Analysis and print out the Gap Analysis Report for the track. It will not save the Gap Statistics to the file.
- **UPDATE-PRINT:** This updates the Gap Statistics in the file and prints the Gap Analysis Report.

- 3 → Select the Gap Function you want to use from the 3 choices described above
- 4 → Click the GO GAP button.

**NOTE:** If you want ALL-Ways software to use the Gap Statistics for a specific track, you *must* use an **UPDATE** option so the data is saved for later use by ALL-Ways software in the Handicapping Module. If you do not do this, ALL-Ways software will, at handicapping time, automatically use the statistics contained in the Default Gap Statistics file that was put into your Franfile folder when you installed ALL-Ways software. You can print the Default Gap Statistics Report by clicking the **PRINT DEFAULT** button in the Gap Function list.

### ***How to read the Gap Threshold Analysis Report***

There are 24 possible race type groups of Gap statistics for a track covering sprints/routes, dirt/turf, non-maiden/maiden, dry tracks/off tracks and main tracks/inner tracks (BEL, SAR, and AQU). The race type group is shown at the top of the report. There are three pages per group, also shown at the top of the page. It takes three pages in order to cover the 52 handicapping factors included on the Gap Threshold Analysis Report.

**NOTE:** No track will ever have all 24 race types. See the Gap Analysis and Race Segmentation below.

**NOTE: If there are less than 25 races of a type, the race type will be skipped (i.e., not printed)**

**NOTE: The Handicapping Factors that are not included as Gap factors are just not suitable for a Gap Analysis. This includes factors such as the Workout Rating, Furlong Days, Jockey-Trainer-Pedigree Ratings, etc.**

There are ten main columns across the page for each of the Gap value possibilities, specifically 1, 2, 3, 4, 5, 6, 7, 8, 9, 10+. Each column shows four statistical values for that Gap figure. The four items are: 1) the number of horses that qualified for this Gap value; 2) the percentage of races won by these qualified Gap horses; 3) the flat win bet return-on-investment you would have earned had you bet on every one of these Gap Qualifying horses to win; 4) the percentage of in-the-money finishes by these Gap Qualifying horses. So, you would read the following group of figures under the 6+ Gap column like this:

|                |     |     |
|----------------|-----|-----|
|                |     | 7+  |
| BRIS Speed 2/3 | 215 | 39% |
|                |     | 12% |
|                |     | 74% |

Horses with a 7 point and higher Gap advantage for the BRIS Speed 2/3 Handicapping Factor won 39% of their races and generated a flat bet win ROI of 12%. They finished in-the-money 74% of the time. There were 215 such horses in the sample that were qualified, meaning they had a Gap advantage of 7 or more points for the BRIS Speed 2/3 Rating. Incidentally, these statistics are from the Default Gap Statistics supplied with ALL-Ways software, specifically for 899 maiden dirt sprints.

Note that the Gap Analysis in ALL-Ways software is considered a Gap Threshold Analysis, meaning a Gap column includes all horses with that Gap advantage value and higher. The 7+ column in the example includes all horses having a Gap advantage of **7 points and higher**.

## **Gap Analysis and Race Segmentation**

### **Automatic Race Segmentation**

As stated earlier, ALL-Ways software automatically segments races into 24 different types for the Gap Analysis. However, no single track will ever have all 24 types. Tracks other than Aqueduct, Belmont and Saratoga can have a maximum of 12 race types. These would be maiden and non-maiden dirt sprints, dirt routes, turf sprints, turf routes, off track sprints and off track routes. Aqueduct will have both main and inner track dirt races. Belmont and Saratoga will have both main and inner track turf races. Again, ALL-Ways software automatically separates the main and inner tracks for the Gap Threshold Analysis..

### **Manual Race Segmentation**

You can also set additional race screens as explained in Chapter 5 (Analysis Module – How to Analyze Only Selected Races). For example, if you want to see a set of Gap statistics for only races having a Fast Race Pace Shape (EEE and EE races), you simply set the appropriate race screens in the Analysis Module before you run the Gap Analysis. ALL-Ways software will still automatically segment the races as described above. However, ALL-Ways software will **also** eliminate any races that do not pass your additional race screens. So, in this example, the Gap Threshold Analysis Report would only be for Fast Race Pace Shape races. Note that ALL-Ways software will ignore your settings for main

and inner tracks.

### **IMPORTANT**

***If you set additional race screens as described above and you run a Gap Analysis that includes the UPDATE option, the Gap Statistics for the track that will be used by ALL-Ways software at handicapping time will be the statistics for only the screened races. For this reason, we suggest your last Gap Analysis run prior to handicapping be done for all races and not for races that have been screened. By doing this, you will have a full set of Gap Statistics at ~~handicapping time~~***

### **ALL-Ways search for Gap Qualifiers at handicapping time**

When you select the new Search Report in the Handicapping Module, ALL-Ways software automatically examines every horse in the race for all 52 Gap handicapping factors and lists each case where the Gap Statistics exceed either a 33% win percentage *or* a 5% positive win bet ROI *or* a 70% in-the-money percentage. You are shown the horse's name, the handicapping factor, the Gap value (from 1 to 10+), the number of qualifying horses in the Gap Statistics file and the win%, win ROI% and ITM% for these Gap qualifying horses, also from the Gap Statistics file. These Gap Search results are shown on the top left part of the report.

### **About the Default Gap statistics**

The Gap Statistics file for a specific track is created the first time you run the Gap Analysis for the track. Then it is updated each time you run another Gap Analysis if you use one of the UPDATE Gap functions. At handicapping time, if you do not have a set of Gap Statistics for the track being handicapped, ALL-Ways software will automatically use the Default Gap Statistics that were put into your Franfile folder when you installed ALL-Ways software. These Default Gap Statistics were created by running and combining the Gap Statistics for several representative tracks in North America. More than 6,000 races were included in the sample. At the top of the Gap Search portion of the Search Handicapping Report, ALL-Ways software will show you if the Gap Statistics ALL-Ways software used were for the specific track or were the Default Gap Statistics.

You can print out the Default Gap Statistics by clicking the PRINT DEFAULT button in the Gap Function list.

### **How to print and read the ALL Factors Gap Handicapping Report**

Another way to use the Gap Analysis Statistics is to print out the All Factors Gap handicapping report. The All Factors Gap handicapping report is similar to the regular All Factors report except that it shows the Gap values for each of the 52 handicapping factors. If two horses are tied for the top figure, the Gap value will be zero. All other horses will have negative values indicating how far their ratings are below the rating of the top horse. To print this report, you must turn on the All Factors Gap Report preference in the CUSTOM-PREFERENCE module and save the preference. Then simply turn on the All Factors Report at handicapping time.

### **◆ PRO CUSTOM SEARCH (PROFESSIONAL EDITION ONLY)**

#### **What is a Custom Search Definition**

The Pro Custom Search feature lets you design your own personal handicapping angles which, in ALL-Ways, are called Search Definitions. You can then test these angles against your track database(s) for win and in-the-money percentages, average win payoff and win bet ROI. At handicapping time, ALL-Ways software will evaluate every angle that you have designated for the specific type of race being run and find all horses that qualify based on the Custom Search Definition elements. ALL-Ways software will then show you the search results on the Search Handicapping Report. Here is an example:

**Sample Pro Custom Search Definition**

| Element | Type   | Factor        | Value |
|---------|--------|---------------|-------|
| 1       | top    | Hall FF P/L   | 3     |
| 2       | within | Comprehensive | -5    |
| 3       | within | Prime Power   | -3    |
| 4       | true   | surface ITM   |       |
| 5       | true   | days good: 90 |       |

Here is how you read this definition. You are instructing ALL-Ways software to look for horses that have a Hall Final Fraction Paceline Gap advantage of 3 points, that have the top ALL-Ways Comprehensive Rating or are within 5 points of the top ranked horse and that have the top BRIS Prime Power rating or are within 3 points of the top ranked horse, that have run in-the-money on the same surface as today's race and that have run a good race within the last 90 days.

We used the Pro Custom Search feature to test this Search Definition for non maiden inner turf routes in our Race Database for Belmont. ALL-Ways software found a qualifying horse in about 6% of the races. The horses won 62% of their races and yielded a whopping win ROI of 93%. These horses finished in-the-money 88% of the time. These figures will obviously vary somewhat for different Race Databases.

ALL-Ways software gives you great flexibility in creating your personal Search Definitions. **Each definition can have up to 7 elements. There is no limit to the number of definitions you can create.** You can even build a special Search Definition Library, click a single button to automatically test all the definitions in the Library File against a track database and then copy the best definitions from the Library to the specific track. You can also build a Default File of Search Definitions that ALL-Ways software will use at handicapping time until you have built up your own file of Custom Search Definitions for the track.

It is axiomatic in horse racing that good angles do not occur very often. If they did, too many people would play the angle and it would lose its value. The angle in our sample Custom Search Definition occurred in only 6% of the races. Now imagine that you have developed 20 or 30 or 40 or 100 different angles and consider that ALL-Ways software will do all the work to look for qualifying horses in every race you handicap. This is a very powerful capability.

**The two Custom Search Definition Modules ( see figure 6.1)**

There are two modules that you will use to create, modify, delete, copy and test Custom Search Definitions. The primary module you will use is the **Custom Search Definition Management Module**. You get to this module by clicking the PRO GAP function button in the Analysis Module. You can then access the **Create-Modify Custom Search Definition Module** from this Management Module. Note that you do not need to enter a track code in the Analysis Module to use the PRO GAP function. However, if you want to set additional race screens, then you must enter the track code in the Analysis Module.

**How to create a new Custom Search Definition**

First, go to the Custom Search Definition Management Module and then click the CREATE button. This will bring you to the Create-Modify Custom Search Definition Module.

- 1 → Select the Element by clicking on the FOCUS button.
- 2 → Select the Type for this element. Your choices are:

| ANALYSIS MODULE: CREATE or MODIFY SEARCH DEFINITIONS |       |        |                    |      |
|------------------------------------------------------|-------|--------|--------------------|------|
|                                                      | type  | factor | value              |      |
| element 1                                            | focus | top    | hall ff p/l        | 3    |
| element 2                                            | focus | within | bris power         | -3   |
| element 3                                            | focus | within | comprehensive      | -5   |
| element 4                                            | focus | true   | surface itm        | true |
| element 5                                            | focus | true   | days good: 90 days | true |
| element 6                                            | focus |        |                    |      |
| element 7                                            | focus |        |                    |      |

**description:** Hall Final fraction works extremely well for turf races.

**apply to:**

|                                            |                                          |                                         |                                              |                                                         |
|--------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------------|---------------------------------------------------------|
| distance                                   | surface                                  | condition                               | race type                                    | track                                                   |
| <input type="checkbox"/> sprints           | <input type="checkbox"/> dirt            | <input checked="" type="checkbox"/> dry | <input checked="" type="checkbox"/> non maid | <input type="checkbox"/> main                           |
| <input checked="" type="checkbox"/> routes | <input checked="" type="checkbox"/> turf | <input type="checkbox"/> off            | <input type="checkbox"/> maiden              | <input checked="" type="checkbox"/> inner (aqu-bel-sar) |

**type**

☒ top gap

☐ within gap

☐ true

☐ clear element

**value**

|    |   |   |
|----|---|---|
| 1  | 2 | 3 |
| 4  | 5 | 6 |
| 7  | 8 | 9 |
| 10 |   |   |

**name:** inner turf route

**save to:**

☒ track BEL clear

☐ save to default (DF1)

☐ save to library (LB1)

SAVE

MODIFY DEFINITION AND THEN SAVE

RESET

CANCEL

| ANALYSIS MODULE: CUSTOM SEARCH MANAGEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |                                         |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|-----------------------------------------|----------------------------------------------|-------------------------------|--------------------------------------------|------------------------------------------|------------------------------|---------------------------------|---------------------------------------------------------|--|--|--|--|--|--|
| search properties                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                          |                                         |                                              | TEST ALL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |           |           | search definitions for bel                                                                                                                   |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | type                                     | factor                                  | value                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| element 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | top                                      | hall ff p/l                             | 3                                            | <div style="border: 1px solid black; padding: 5px;"> <p>definition to test</p> <p>all definitions</p> <p>target track</p> <p>BEL <span style="margin-left: 20px;">track ok</span></p> <p><input checked="" type="checkbox"/> print test report</p> <p><input type="checkbox"/> exclude \$40 +</p> </div>                                                                                                                                                                                              |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| element 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | within                                   | bris power                              | -3                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| element 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | within                                   | comprehensive                           | -5                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| element 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | true                                     | surface itm                             | true                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| element 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | true                                     | days good: 90 days                      | true                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| element 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |                                         |                                              | WIN%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AVG\$   | ROI%      | ITM%      | <div style="border: 1px solid black; padding: 5px; height: 150px;"> <p>inner turf route</p> <p>class drop 4</p> <p>nm turf routes</p> </div> |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| element 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |                                         |                                              | 62%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$6.18  | 93%       | 88%       |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| <b>description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |                                         |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>distance</td> <td>surface</td> <td>condition</td> <td>race type</td> <td>track</td> </tr> <tr> <td><input type="checkbox"/> sprints</td> <td><input type="checkbox"/> dirt</td> <td><input checked="" type="checkbox"/> dry</td> <td><input checked="" type="checkbox"/> non maid</td> <td><input type="checkbox"/> main</td> </tr> <tr> <td><input checked="" type="checkbox"/> routes</td> <td><input checked="" type="checkbox"/> turf</td> <td><input type="checkbox"/> off</td> <td><input type="checkbox"/> maiden</td> <td><input checked="" type="checkbox"/> inner (aqu-bel-sar)</td> </tr> </table> |                                          |                                         |                                              | distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | surface | condition | race type | track                                                                                                                                        | <input type="checkbox"/> sprints | <input type="checkbox"/> dirt | <input checked="" type="checkbox"/> dry | <input checked="" type="checkbox"/> non maid | <input type="checkbox"/> main | <input checked="" type="checkbox"/> routes | <input checked="" type="checkbox"/> turf | <input type="checkbox"/> off | <input type="checkbox"/> maiden | <input checked="" type="checkbox"/> inner (aqu-bel-sar) |  |  |  |  |  |  |
| distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | surface                                  | condition                               | race type                                    | track                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| <input type="checkbox"/> sprints                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> dirt            | <input checked="" type="checkbox"/> dry | <input checked="" type="checkbox"/> non maid | <input type="checkbox"/> main                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| <input checked="" type="checkbox"/> routes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/> turf | <input type="checkbox"/> off            | <input type="checkbox"/> maiden              | <input checked="" type="checkbox"/> inner (aqu-bel-sar)                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px;">CREATE</div> <div style="border: 1px solid black; padding: 5px;">MODIFY</div> <div style="border: 1px solid black; padding: 5px;">DELETE</div> <div style="border: 1px solid black; padding: 5px;">COPY ONE</div> <div style="border: 1px solid black; padding: 5px;">COPY ALL</div> <div style="border: 1px solid black; padding: 5px;">TEST ONE</div> <div style="border: 1px solid black; padding: 5px;">TEST ALL</div> </div>                                                                                                                       |                                          |                                         |                                              | <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px;">bel</div> <div style="border: 1px solid black; padding: 5px;">CLEAR</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="border: 1px solid black; padding: 5px;">TRACK OK</div> <div style="border: 1px solid black; padding: 5px;">DF1</div> <div style="border: 1px solid black; padding: 5px;">LB1</div> </div> |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |
| ENTER THE TRACK FOR THE DATABASE TO BE TESTED AND CLICK TRACK OK.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                          |                                         |                                              | <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 10px; width: 100px;">RESET</div> <div style="border: 1px solid black; padding: 10px; width: 100px;">DONE</div> </div>                                                                                                                                                                                                                                                     |         |           |           |                                                                                                                                              |                                  |                               |                                         |                                              |                               |                                            |                                          |                              |                                 |                                                         |  |  |  |  |  |  |

**Figure 6.1 Custom Search Definitions Screens (Professional Edition Only)**

- TOP GAP: This element type means the horse must be the top ranked horse for the Gap Factor
- WITHIN GAP: This element type means the horse must either be the top ranked horse or within a certain range of the top ranked horse for the Gap Factor
- TRUE: This element type means that the horse must pass the true/false test for this element

3 → Select a Search Factor from the list.

**NOTE: If the element type is Top Gap or Within Gap, the list will include the 52 Gap handicapping Factors. If the element type is True, the list will include 94 possible True\False factors.**

4 → Assign a value by clicking on one of the Value buttons ( 1 through 10)  
Note that the value of True element type factors will always be TRUE.

Repeat steps 1 through 4 above for each element you want to include in your Custom Search Definition.

NOTE: The elements in a Custom Search Definition are viewed by ALL-Ways software as a logical “AND”. This means that ALL-Ways software will consider a horse to be qualified for a Search Definition if it meets the requirements of element #1 AND the requirements of element #2 AND the requirements of element #3, etc. If you want to use the logical “OR”, you simply create a different Search Definition with the “OR” conditions.

When you are done creating the elements, you go on to complete the Custom Search Definition by following the steps below:

5 → Turn on the APPLY TO: check boxes for the race types that you want this Custom Search Definition to be used for by ALL-Ways.

**NOTE: A good way to get started is to apply the Custom Search Definition to all races by turning on all check boxes. Then test the Custom Search Definition (directions are below). Then you can go back and turn off the check boxes for the race types that did not yield positive results.**

6 → Give the Custom Search Definition a name by typing it into the appropriate text box. The name must be 25 characters or less.

7 → Optional: You can type in a description of the Custom Search Definition in the appropriate text box. The description is limited to 50 characters. This description will show up on the Search Handicapping Report if a qualifying horse is found.

8 → Enter the track code for the track you want the Search Definition to be used for and then click the SAVE button.

**NOTE: There are three choices for the file to save the Custom Search Definition to:**

- 1 → Simply enter a track code for a specific track.
- 2 → Click the “save to default” option to save the Search Definition to this special Default File. If you do not have a file of Custom Search Definitions for a track at handicapping time, ALL-Ways software will automatically look for horses that qualify for Custom Search Definitions in the special default file.
- 3 → Click the “save to library” option to save the Search Definition to the special Library File. This lets you build an extensive library of Custom Search Definitions that can be tested against a track database. Then you can copy Search Definitions that perform well for the track to the Custom Search Definitions for the

specific track. ALL-Ways software will not use the Library file at handicapping time.

Repeating, in short form, here are the 8 simple steps to create a new Search Definition

- 1 → Click on the FOCUS button to select the Search Definition element.
- 2 → Select the Type.
- 3 → Select the factor.
- 4 → Select the value.

Repeat the steps 1 - 4 for each element you want to include in the Custom Search Definition

- 5 → Turn on the types of races you want the definition to be used for.
- 6 → Enter the name you want to use.
- 7 → Optionally enter a description.
- 8 → Enter the track code and click the SAVE button.

When you are done creating new Custom Search Definitions, click the DONE button to get back to the Custom Search Definition Management Module.

### ***Where to start when designing your Custom Search Definitions***

No doubt you will have your own thoughts regarding handicapping angles you would like to create and test in ALL-Ways using the Custom Search Definition feature. By all means, you should give them a try. Another good starting point is to run a Gap Threshold Analysis and use it to spot one or two good TOP GAP factors to use as the anchor of your Custom Search Definition. You can then refine the Custom Search Definition by adding WITHIN GAP and TRUE elements. It is a good idea to test the Custom Search Definition after adding these additional elements and to keep doing so until you get the test results you are looking for.

### ***How to modify, delete, copy and test a Custom Search Definition***

First, in the Custom Search Definition Management Module, enter the track code for the track you want to work with and click TRACK OK.. Or, click the LB1 button if you want to work with your Library File of Search Definitions or the DF1 button if you want to work with your Default File of Search Definitions. Note that the artificial track code for the Library is LB1 and for the Default it is DF1. The reason for the last character being the digit "1" is so there can be no conflict with a real track code in the future.

#### **How to Modify a Custom Search Definition:**

- 1 → Select the Custom Search Definition you want to modify from the list.
- 2 → Click the MODIFY function button. This will take you to the Create/Modify Custom Search Definition Module
- 3 → Make the modification(s)
- 4 → Click the SAVE button

#### **How to delete a Custom Search Definition**

First, in the Custom Search Definition Management Module, enter the track code for the track you want to work with and click TRACK OK.. Or, click the LB1 button if you want to work with your Library File of Search Definitions or the DF1 button if you want to work with your Default File of Search Definitions.

To Delete a Custom Search Definition:

- 1 → Select the Custom Search Definition you want to delete from the list
- 2 → Click the DELETE function button.
- 3 → Click the GO DELETE button.

### **How to copy Custom Search Definitions**

First, in the Custom Search Definition Management Module, enter the track code for the track you want to work with and click TRACK OK.. Or, click the LB1 button if you want to work with your Library File of Search Definitions or the DF1 button if you want to work with your Default File of Search Definitions.

To Copy One Custom Search Definition:

- 1 → Click the COPY ONE function button.
- 2 → Select the Custom Search Definition to copy from the list.
- 3 → Enter the Target Track (the track you want to copy to). Or, use LB1 for the Library File and DF1 for the Default File.
- 4 → Click the GO COPY ONE button

To Copy All Custom Search Definitions:

- 1 → Click the COPY ALL function button.
- 2 → Enter the Target Track (the track you want to copy to). Or, use LB1 for the Library File and DF1 for the Default File.
- 3 → Click GO COPY ALL

### **How to test Custom Search Definitions**

First, in the Custom Search Definition Management Module, enter the track code for the track you want to work with and click TRACK OK.. Or, click the LB1 button if you want to work with your Library File of Search Definitions or the DF1 button if you want to work with your Default File of Search Definitions.

There are two things you can instruct ALL-Ways to do prior to running the test.

- You can instruct ALL-Ways software to either include all races or to exclude races where the winner paid \$40 or more to win. The default choice is to include all races.
- You can instruct ALL-Ways software to print or to not print the Detailed Test Report. The default option is to print the test report. **If you choose to not print the test results, you will still be able to read the test results later.** See the section below on “How to Read the Test Results Report”.

To Test One Custom Search Definition:

- 1 → Click the TEST ONE function button
- 2 → Select the Search Definition you want to test from the list
- 3 → Enter the track code for the Race Database you want to use for the test
- 4 → Click TRACK OK
- 5 → Select the Exclude \$40 option and the Print Test Report option you want to use
- 6 → Click GO TEST ONE

**NOTE: The Custom Search Definitions for any track, or the Library File or the Default File, can be tested against the Race Database of any track. The source file and the test track will be identified on the test reports.**

To Test All Search Definitions:

- 1 → Click the TEST ALL function button
- 2 → Enter the track code for the Race Database you want to use for the test
- 3 → Click TRACK OK
- 4 → Select the Exclude \$40 option and the Print Test Report option you want to use
- 5 → Click GO TEST ALL

**NOTE: The Custom Search Definitions for any track, or the Library File or the Default File, can be tested against the Race Database of any track. The source file and the test track will be identified on the test reports.**

**NOTE: You can abort the Test All function at any time. The Search Definition currently being tested will be completed and then the process will stop.**

### **How to Read the Test Results Report**

There are three places to view the test results:

- **On Screen:** The summary test results are displayed on the Custom Search Definition Management screen. Note that these results are the summary results for all races in the test. You must use a printed test report to view the results for each individual race type.
- **Search Definition Summary:** You can cause this report to print by clicking on the PRINT button under the list of Custom Search Definitions. This report breaks down the test results by race type. It also shows you the details about the elements in the Custom Search Definition.
- **Search Definition Test Report:** This report will print if you choose the Print Test Report option before running the test. It also shows the detailed test results by individual race type.

Here is how you read the test results on the Search Definition Test Results Report.

The top of the report shows the statistics for each of ALL-Ways software primary race types, namely all dirt sprints, all dirt routes, all turf sprints, all turf routes, all off track sprints and all off track routes. It also shows the totals for all these race type. It is the Total figures that show on the Custom Search Definition Management screen.

Only races that meet the “Applies to:” criteria you established when you created or modified the Search Definition are included.

The Bottom of the report shows individual lines for each individual race type that meets your “Applies to:” criteria. So, if your “Applies to:” criteria includes both maiden dirt sprints and non-maiden dirt sprints, the top of the report will show the grand total statistics for both maiden and non-maiden dirt sprints. The bottom of the report separates the maiden and non maiden results.

The report fields are:

|               |                                                                         |
|---------------|-------------------------------------------------------------------------|
| # Races       | the number of races in the test that passed your “Applies to:” criteria |
| # Qual Horses | the number of horses that qualified                                     |
| % Qual Races  | the percent of races that had a qualifying horses                       |
| % Qual Horses | the percent of all horses that qualified                                |
| % win         | the percent of qualified horses that won                                |

|            |                                                             |
|------------|-------------------------------------------------------------|
| AVG Win \$ | the average win payoff for the winning horses               |
| % Win ROI  | the win bet return-on-investment percent                    |
| % Place    | the percent of qualifying horses that finished second       |
| % Show     | the percent of qualifying horses that finished third        |
| % ITM      | the percent of qualifying horses that finished in-the-money |

### **Custom Search Definitions and Race Segmentation**

ALL-Ways software will automatically segment the races using the same segmentation rules described above in the section on “Gap Analysis and Race Segmentation”. You can also set Race Screens in the Analysis Module, just like you might do to run a DB Run Analysis. The Race Screens you set will be used in addition to the “Applies to:” settings in your Custom Search Definitions. For example, if you set the Maximum Race Screen to 100, only 100 of each of the “Applies to:” races will be used. If you set the Race Screens to EEE and EE races, only those races will be included and only if they also pass your “Applies to:” settings.

### **IMPORTANT**

***If you do set manual Race Screens before running a test, be aware that the test will reflect the results only for the race types that passed your manual screens. In this case, we suggest you enter a notation in the description field of your Custom Search Definition that includes a brief explanation of the manual Race Screens.***

---

### **The special Default and Library files for Custom Search Definitions**

If you save new Custom Search Definitions to the Default file, ALL-Ways software puts them into a file with the artificial track code of DF1. You can create, modify, delete, copy and test these Custom Search Definitions just like those of a specific, real track. At handicapping time, if you do not have a file of Custom Search Definitions for a specific track, ALL-Ways software will automatically use the Custom Search Definitions in this special Default File. We suggest placing Custom Search Definitions that tend to do well at multiple tracks into the Default File. In this way, ALL-Ways software will always have a source of good Custom Search Definitions to use at handicapping time for tracks for which you do not have a sizable Race Database.

If you save new Custom Search Definitions to the Library file, ALL-Ways software puts them into a file with the artificial track code of LB1. This is a good file to maintain a large set of Custom Search Definitions. You can create, modify, delete, copy and test these Custom Search Definitions just like those of a specific, real track. This repository of a large number of Custom Search Definitions can be tested on the races in one of your Race Databases for a track. Then you can copy Custom Search Definitions that do well in the test from the Library to the specific track.

### **ALL-Ways Search for Custom Search Definition Qualifiers at Handicapping Time**

At handicapping time, if you have a Custom Search Definition file for the track you are handicapping, ALL-Ways software will search each race for horses that meet the requirements of all elements in the Custom Search Definition. If it finds a qualifier, it will print the horse’s name and the name of the Custom Search Definition it qualifies for. It will also show you the test statistics for the most recent test you ran for the Custom Search Definition. This includes the win%, the win bet ROI% and the in-the-money% for the Custom Search Definition as well as the number of horses that qualified in the test. It will also display the description you entered, if any, for the Custom Search Definition.

If you do not have a Custom Search Definition for the specific track you are handicapping, ALL-Ways software will use the Custom Search Definitions that you have placed in the special Default File described above, if indeed you have

placed definitions in this special file.

ALL-Ways software will use Custom Search Definition in accordance with your “Applies to:” directions that you determined when you created or modified the definition. For example, if you told ALL-Ways software to apply a specific Custom Search Definition only to non-maiden dirt sprints and non-maiden dirt routes, then, at handicapping time, ALL-Ways software will indeed only use the Custom Search Definition if the race being handicapped is a non-maiden dirt sprint or non-maiden dirt route.

**List of True Type Search Definition Factors**

|                         |                        |                      |                    |
|-------------------------|------------------------|----------------------|--------------------|
| “EXACT DIST WIN”        | “GOOD 2-BACK”          | “FCP 4/5 1ST”        | “BRO FX 1ST”       |
| “EXACT DIST ITM”        | “LST 5 WIN AT TRACK”   | “FCP 4/5 1-2”        | “BRO FX 1-2”       |
| “LST 10 DIST WIN 20%+”  | “LST 5 GOOD AT TRACK”  | “FCP 4/5 1-2-3”      | “BRO FX 1-2-3”     |
| “LST 10 DIST WIN 40%+”  | “LST 10 WIN AT TRACK”  | “SGN 4/5 1ST”        | “POST RAIL”        |
| “LST 10 DIST WIN 60%+”  | “LST 10 GOOD AT TRACK” | “SGN 4/5 1-2”        | “POST 1-2-3”       |
| “LST 10 DIST WIN 80%+”  | “RECENCY: 10 DAYS”     | “SGN 4/5 1-2-3”      | “POST 4-5-6-7”     |
| “LST 10 DIST GOOD 30%+” | “RECENCY: 20 DAYS”     | “SGN DIST 4/5 1ST”   | “POST 8-9-10”      |
| “LST 10 DIST GOOD 50%+” | “RECENCY: 30 DAYS”     | “SGN DIST 4/5 1-2”   | “POST 11 OUT”      |
| “LST 10 DIST GOOD 70%+” | “RECENCY: 60 DAYS”     | “SGN DIST 4/5 1-2-3” | “POST 1 TO 7”      |
| “SURFACE WIN”           | “RECENCY: 90 DAYS”     | “ESP E”              | “POST 8 OUT”       |
| “SURFACE ITM”           | “DAYS GOOD: 10 DAYS”   | “ESP EP”             | “JOCKEY 4-5”       |
| “LST 10 SURF WIN 20%+”  | “DAYS GOOD: 20 DAYS”   | “ESP P”              | “JOCKEY 3-4-5”     |
| “LST 10 SURF WIN 40%+”  | “DAYS GOOD: 30 DAYS”   | “ESP S”              | “TRAINER 4-5”      |
| “LST 10 SURF WIN 60%+”  | “DAYS GOOD: 60 DAYS”   | “ESP E or EP”        | “TRAINER 3-4-5”    |
| “LST 10 SURF GOOD 30%+” | “DAYS GOOD: 90 DAYS”   | “ESP P or S”         | “TRAIN TURF 4-5”   |
| “LST 10 SURF GOOD 50%+” | “WORK RATING 2”        | “BRO EP 1ST”         | “TRAIN TURF 3-4-5” |
| “LST 10 SURF GOOD 70%+” | “WORK RATING 1-2”      | “BRO EP 1-2”         | “TURF PED 4-5”     |
| “MUD WIN”               | “FURLONG DAYS >1.0”    | “BRO EP 1-2-3”       | “TURF PED 3-4-5”   |
| “MUD ITM”               | “FURLONG DAYS >0.8”    | “BRO AP 1ST”         | “MUD PED 4-5”      |
| “WIN TRUE”              | “FURLONG DAYS >0.6”    | “BRO AP 1-2”         | “MUD PED 3-4-5”    |
| “GOOD TRUE”             | “FURLONG DAYS >0.4”    | “BRO AP 1-2-3”       | “FIRST PED 4-5”    |
| “WON LAST”              | “SCOTT ABILITY 1ST”    | “BRO SP 1ST”         | “FIRST PED 3-4-5”  |
| “GOOD LAST”             | “SCOTT ABILITY 1-2”    | “BRO SP 1-2”         | “CLASS DROP 2+”    |
| “WON 2-BACK”            | “SCOTT ABILITY 1-2-3”  | “BRO SP 1-2-3”       |                    |

“CLASS DROP 4+”

**LEGEND:**

**LST = last**

**ITM = in-the-money**

**GOOD = ITM or w/I 2 lengths in sprints or 3 lengths in routes**

**2-BACK = 2 races back**

**RECENCY = days since last race**

**DAYS GOOD = days since last Good race**

**1<sup>st</sup> = highest ranking for the factor, 1-2 = 1<sup>st</sup> or 2<sup>nd</sup>, 1-2-3 = 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup>**

**ESP = the horse’s running style**

**BRO = Brohamer**

**4-5 = rating index of 4 or 5, 3-4-5 = rating index of 3, 4 or 5**

**PED = pedigree**

**CLASS DROP 2+ = Today’s Race Rating is 2 to 4 points lower than the horses last race**

**CLASS DROP 4+ = Today's Race Rating is 4 points or more lower than the horses last race**

## ◆ **KEY HORSE CANDIDATES**

### ***What is a Key Horse and why it is important***

Anyone who has read our newsletters over the years knows how strongly we feel about the advantage of identifying a Key Horse in every race. A Key Horse is a horse that we believe has a very high probability of finishing in-the-money. If you have five horses you like and box them in a \$1 Trifecta, it will cost you \$60. Make one of the horses a Key Horse and single it in the win, place and show positions and the cost of the bet drops to only \$36. We also never want our Key Horse to be the crowd favorite because we want the crowd favorite to finish off-the-board. This is what makes payoffs skyrocket.

### ***ALL-Ways search for Key Horse Candidates at handicapping time***

ALL-Ways evaluates the Gap Statistics, the new proprietary “behind-the-scenes” ALL-Ways Key Horse Statistics, Profile Performance Statistics for the Handicapping Profile(s) you used to handicap the race and situational factors based on the pace pressure and other match-up considerations specific to the race. ALL-Ways then presents you with four prime candidates for a Key Horse. You are shown the Key Horse Score and Key Horse Rank for each of these horses as well as their likely in-the-money percentage and their Morning Line Odds. Why do we show you multiple horses? Well, if the top ranked Key Horse Candidate is also the post time favorite, just move down to the second ranked candidate. Also, if there is a late scratch, you still have a Key Horse candidate to play. And, here is the “frosting on the cake”: You will be truly impressed at the number of Exactas that are made up of the horses in the Key Horse Candidate list. Finally, our work so far indicates that a solid number of **longer odds** Key-Horse candidates do indeed finish in-the-money. So, you may select one as a Key-Horse and another as a long-odds horse to also include in your wagers. Again, however, we urge ALL-Ways handicappers not to play mechanically. We suggest you review all of the Key Horse Candidates and make your own informed decision.

### **How to Read the Key Horse Section of the Search Report**

Here is a sample of what you might see on the Search Handicapping Report for the Key Horse Candidates.

| PG# | KEY<br>NAME    | KEY<br>ITM% | KEY<br>SCORE | DUAL<br>RANK | BE-BL | ML   |
|-----|----------------|-------------|--------------|--------------|-------|------|
| 10  | MOST FEARED    | 73%         | 12           | 1            |       | 5-2  |
| 11  | SAINTLY LOOK   | 76%         | 27           | 2            | dual  | 5-1  |
| 4   | ZYDECO AFFAIR  | 75%         | 31           | 3            |       | 12-1 |
| 3   | LEO'S LAST HUR | 67%         | 32           | 4            |       | 8-1  |

- The Key ITM% is an overall estimate of the horse's potential in-the-money performance level
- The Key Score is the overall score that ALL-Ways gives the horse as a Key Horse. A low score is best
- Key Rank is simply the rank for the Key Score
- Dual BE-BL means the horse shows up in both the Best Early list and the Best Late list directly below the Key Horse Candidate List
- ML is Morning Line Odds

ALL-Ways software also identifies the Key Horse Candidates on a number of other handicapping reports, specifically the Contender Summary, Odds-Line, Paceline and All Factors reports. Here is the short hand notation that is used on these reports:

- K1 = top ranked Key Horse Candidate
- K2d = 2<sup>nd</sup> ranked Key Horse Candidate. Also a Dual BE-BL qualifier
- K3 = 3<sup>rd</sup> ranked Key Horse Candidate
- K4 = 4th ranked Key Horse Candidate

### ◆ HOW TO UPDATE GAP, KEY HORSE AND HANDICAPPING PROFILE PERFORMANCE STATISTICS

It is important to maintain current Gap Analysis statistics, current Key Horse statistics and current Handicapping Profile Performance statistics. You are able to see the Gap and Profile Performance statistics, but the Key Horse statistics are internal to ALL-Ways. Nevertheless, it is important to keep all of these current because they all impact the selection of Key Horse Candidates.

#### Updating the Gap Analysis and Key Horse Statistics

You can update the Gap Analysis and the Key Horse Statistics all at once by simply running the Gap Analysis using one of the Update Gap Function options. You will not want to print the Gap Threshold Analysis Report each time you do this. So, you will probably want to use the UPDATE ONLY Gap Function. Again, when you do this, ALL-Ways will update both the Gap and Key Horse statistics.

#### Updating the Profile Performance Statistics

Each time you update your MRA Default profiles, MRA Pace profiles, MRA Custom profiles (in the Professional Edition), Race Card Best Factor profiles and Race Card MRA profiles (in the Professional Edition), the old Profile Performance Statistics for these profiles are erased. This means the Profile Performance statistics will not be used for the Key Horse Candidates selection and they will not be printed on the handicapping reports. You can calculate new performance statistics by simply running the DB Run Analysis using the AUTOMATIC DB Run option. You do not need to print out the resultant One-Line DB Run Report. You just need to run the Automatic DB Run function.

#### Automatic Update (Professional Edition Only)

Professional Edition users can update all these statistics at one time by simply turning them on when running the Professional Edition Automatic function in the Analysis Module. This means you can update all your Handicapping

# chapter 7

## **handicapping profile module**

Perhaps the single most powerful feature of ALL-Ways software is its ability to create Handicapping Profiles that are both race track specific and race type specific. After you build up your Race Database for a track a bit, you can have ALL-Ways software **automatically** create Custom Handicapping Profiles using the MRA (Multiple Regression Analysis) and Race Card functions in the Analysis Module (see Chapter 5).

Some ALL-Ways software handicappers like to make their own Custom Handicapping Profiles “from scratch”, so to speak. This Handicapping Profile Module is where you are able to manually create and/or modify your own profiles.

The module also includes a Handicapping Profile Management feature that let you hide/unhide, lock/unlock and re-order the profiles in your profile list for a track.

Using this Handicapping Profile Module is certainly optional. But, after you build your Race Database a bit, you may want to come back and read this chapter to get a better understanding of how Handicapping Profiles work.

- 97 Automatic vs. manual creation of handicapping profiles**
- 97 How the handicapping process uses the Handicapping Profiles**
- 99 How to manually create a new Handicapping Profile**
  - 100 How to select the handicapping factors**
  - 100 How to enter Impact Values**
    - 100 Calculated Impact Values (and saving race screens)**
    - 101 Default Impact Values**
    - 101 Manually key entered Impact Values**
  - 103 Using Proportional Impact Values**
  - 104 How to save a new Handicapping Profile**
  - 104 How to print a new Handicapping Profile**
- 104 How to modify, print or delete a Handicapping Profile**
- 106 How to copy a Handicapping Profile form one track to another**
- 106 How to use the Handicappng Profile Management Module**

Profiles, run all the Race Card options and update all the statistics by simply clicking the GO AUTO button.

### ◆ **AUTOMATIC VS. MANUAL CREATION OF HANDICAPPING PROFILES**

There are two ways to create custom Handicapping Profiles in ALL-Ways software. First, you can automatically create Handicapping Profiles that are customized for the tracks you are handicapping by using the Multiple Regression Analysis (MRA) functions in the ANALYSIS Module. Second, you can manually create them in this HANDICAPPING PROFILE Module.

There are three types of MRA functions. One is the MRA Default (MRA DEF) function. This analyzes the Race Database for the track and automatically creates new Default Handicapping Profiles for that track. The Default Handicapping Profiles are now no longer averaged for all tracks in North America, but are tuned to each specific track you play. The second type of MRA profiles is the MRA Pace profiles. These profiles are based on the concept of Race Pace Shapes (Fast Early, Lone Early, Honest and Slow). Please read the article on Race Pace Shapes in the October 1996 ALL-Ways Newsletter. The third type of MRA function is MRA Custom (MRA CUST) (*Professional Edition only*). You can use this function to automatically create Handicapping Profiles for any specific kinds of races you choose. Again, the MRA functions can be found in the ANALYSIS Module.

This chapter of the User's Manual explains how to manually create custom Handicapping Profiles.

**NOTE: Even if you do not plan to manually create your own Handicapping Profiles, please be sure to read the section on How to Use the Handicapping Profile Management Module at the end of this chapter.**

### ◆ **HOW THE HANDICAPPING PROCESS USES HANDICAPPING PROFILES**

We suggest you print out a profile for the track you just initialized. It will be of help to you as you learn about how the profiles work. To do this, look ahead a few pages to "How to Print Out Handicapping Profiles" and follow the simple instructions. Be sure to select the "PRINT ALL" print option.

There are three elements that make up a profile. They are:

- Handicapping factors
- Horse Rankings for the handicapping factors
- Impact Values

#### ***Handicapping factors:***

There are 87 handicapping factors available for use in a Handicapping Profile. These are exactly the same handicapping factors that are printed out in the ALL FACTORS handicapping report. Note that there are many more than 87 handicapping factor in ALL-Ways software. The Handicapping Profiles make use of 87 of these many handicapping factors.

You have complete control over which factors to include in a Handicapping Profile, except ALL-Ways does limit you to a maximum number of 10 handicapping factors in any individual Handicapping Profile.

### **IMPORTANT**

***Fewer factors is actually better than more factors. Generally, a good profile will be made up of from 4 to 6 factors. However, you can choose to have as few as 1 and as many as 10.***

## How the Handicapping Process uses Handicapping Profiles (continued)

### Horse rankings:

You do not have to worry about the horse rankings for each factor because ALL-Ways software automatically determines the rankings. However, you should be aware of how the various rankings work.

There are several different kinds of rankings which you are already aware of if you have read Appendix B (Handicapping Factors Quick Reference). These different kinds of rankings are shown below with a brief explanation. Again, if you have not already done so, you should read about each handicapping factor in the appendix.

### There are nine different ranking schemes for the 87 handicapping factors:

|                 |                                                                                                                                                                                                                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ranking Scheme: | <b>4 points    3 points    2 points    1 point    0 points</b>                                                                                                                                                                                                                                                                     |
| Explanation:    | Each horse is awarded a certain number of points based on the factor. This scheme is used to evaluate the records of horses, jockeys and trainers, to evaluate the horse's efforts in prior races and to evaluate the horse's pedigree.                                                                                            |
| Ranking Scheme: | <b>Positive    Neutral    Negative</b>                                                                                                                                                                                                                                                                                             |
| Explanation:    | Used to evaluate the probable effect on a horse if this race is a different distance category (sprint or route) or a shorter or longer length (for example: 6 to 6 1/2 furlongs or 1 1/8 to 1/16 mile) than the horse has been running. It specifically applies to the "DISTANCE SWITCH" and "LENGTH CHANGE" handicapping factors. |
| Ranking Scheme: | <b>Excellent    Good    Not Good    None</b>                                                                                                                                                                                                                                                                                       |
| Explanation:    | Used specifically for the "WORKOUT" handicapping factor. <i>Note:</i> On your handicapping reports, workouts are evaluated as +2, +1, 0, -1 which correlate to Excellent, Good, Not Good and None.                                                                                                                                 |
| Ranking Scheme: | <b>&gt; 1.00 FD    &gt; 0.80 FD    &gt; 0.60 FD    &gt; 0.40 FD    &lt; 0.40 FD</b>                                                                                                                                                                                                                                                |
| Explanation:    | Used specifically to rank the workout "FURLONG DAYS" handicapping factor.                                                                                                                                                                                                                                                          |
| Ranking Scheme: | <b>4+ Rise    2&amp;3 Rise    None    2&amp;3 Drop    4+ Drop</b>                                                                                                                                                                                                                                                                  |
| Explanation:    | Used to rank a horse's rise or drop in BRIS Race Ratings from the last race to the current race. Used specifically for the "RACE CHANGE" handicapping factor.                                                                                                                                                                      |
| Ranking Scheme: | <b>ESP 'E'    ESP 'EP'    ESP 'P'    ESP 'S'</b>                                                                                                                                                                                                                                                                                   |
| Explanation:    | Used specifically to identify the horse's preferred ESP running style (the "ESP" handicapping factor).<br><br><b>ESP 'E'</b> Early<br><b>ESP 'EP'</b> Early Presser<br><b>ESP 'P'</b> Presser<br><b>ESP 'S'</b> Sustainer                                                                                                          |
| Ranking Scheme: | <b>Under 48    48&amp;49    50&amp;51    52&amp;53    Over 53</b>                                                                                                                                                                                                                                                                  |
| Explanation:    | Used specifically to identify the horse's preferred percent early energy expenditure (the "PERCENT EARLY" handicapping factor)                                                                                                                                                                                                     |
| Ranking Scheme: | <b>1,2,3    4,5,6    7,8,9    10,11,12    13 +</b>                                                                                                                                                                                                                                                                                 |
| Explanation:    | Used specifically to slot the horse in its post position. (The "POST POSITION" factor).                                                                                                                                                                                                                                            |

## How the Handicapping Process uses Handicapping Profiles (continued)

|                 |                                                                                                                                                                                      |                                         |            |              |             |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|--------------|-------------|
| Ranking Scheme: | <b>1st</b>                                                                                                                                                                           | <b>2nd</b>                              | <b>3rd</b> | <b>Front</b> | <b>Rear</b> |
| Explanation:    | This applies to all other handicapping factors and is the most widely used Ranking Scheme. It is used to rank horses based on their figures relative to speed, pace, class and form. |                                         |            |              |             |
|                 | <b>1st</b>                                                                                                                                                                           | Top Figure Horse                        |            |              |             |
|                 | <b>2nd</b>                                                                                                                                                                           | 2nd Figure Horse                        |            |              |             |
|                 | <b>3rd</b>                                                                                                                                                                           | 3rd Figure Horse                        |            |              |             |
|                 | <b>Front</b>                                                                                                                                                                         | Front Half of Field (but not 1, 2 or 3) |            |              |             |
|                 | <b>Rear</b>                                                                                                                                                                          | Rear Half of Field                      |            |              |             |

### Impact Values:

This is the third component of a Handicapping Profile. You do not have control over the horse rankings because ALL-Ways software determines the rankings. However, you have complete control over the handicapping factors used in the Handicapping Profile and the Impact Values assigned to each ranking position.

If you have not read BILL QUIRIN'S landmark computer study of the Impact Values of different handicapping factors, you should. The book's name is Winning At The Races (Computer Discoveries In Thoroughbred Handicapping) published by William Morrow and Company, Inc.

### The fundamental principle of Impact Values is:

- An Impact Value (or IV) of one (1.00) means that horses with a specific characteristic have won *no more* and *no less* than their fair share of the races.
- An Impact Value less than one ( $< 1.0$ ) is a negative situation because it means horses with this characteristic win *less* than their fair share of races.
- Conversely, an Impact Value above one ( $> 1.0$ ) is positive because it means horses with this characteristic win *more* than their fair share of races.
- An Impact Value of 2 is very powerful because horses with this characteristic win twice their fair share of races.

ALL-Ways software uses Impact Values by assigning an IV to each ranking slot for all handicapping factors included in a Handicapping Profile. ALL-Ways software then makes sophisticated calculations to calculate each horse's percentage odds of winning and to calculate the oddsline for the race.

**NOTE: If you are not quite clear on how all of this works, NOT TO WORRY. ALL-Ways software will lead you through the simple steps to create a Handicapping Profile and all of this will become clear with a little practice. There is also a Special Subject White Paper posted in the Support Section of the Frandsen Publishing Website that explains, in great detail, how best to create your own custom profiles.**

### ◆ HOW TO MANUALLY CREATE A NEW HANDICAPPING PROFILE

There are three steps to creating a new profile:

Select the handicapping factors

Enter the Impact Values

Save the Handicapping Profile to the track's Handicapping Profile list

### ***How to select the handicapping factors***

- 1 → Click “PROFILES” on the Main Menu
- 2 → Click “CREATE IV PROFILE” on the Profile Menu

The Factor Select Screen now appears as shown in figure 7.1. All 87 handicapping factors are shown on the screen. They are conveniently grouped by the handicapping categories of distance, surface, form, class, speed, pace, paceline and other.

- 3 → To select a factor, simply click on the factor with the mouse pointer.

Selected factors are red with a check mark. Factors not selected are black with no check mark. You can “SELECT” and “UNSELECT” any factor at any time.

You must select at least one factor but not more than 10. We suggest 4 to 6 factors is best.

- 4 → When through selecting factors, click “DONE”.

### ***How to enter Impact Values***

At this point, the IV Input Method and the IV Input screens are displayed as shown in Figures 7.2 and 7.3, respectively. The first step in entering IVs is to select the method you want to use. Until you have selected the method the IV Input Method screen is operable and the IV Input screen is inoperable. After you select the method, the IV Input Method screen will disappear and the IV Input screen will become operable.

There are three possible methods you can use to enter IVs as show in figure 7.2:

- 1 → Manual key entry
- 2 → Automatically use the default IVs provided with ALL-Ways software
- 3 → Automatically use the IVs calculated by ALL-Ways software when you run the IV Analysis in the Analysis Module.

### **Calculated Impact Values**

This method is useful only if you have run the IV Analysis for this track in the Analysis Module and saved the calculated IVs when prompted to do so. By “this track” we mean the track for which you are currently creating a new profile. If you did save the calculated IVs, separate IVs were saved for the following six types of races:

- Dirt Sprints
- Dirt Routes
- Turf Sprints
- Turf Routes
- OFF Sprints (OFF dirt track conditions)
- OFF Routes (OFF dirt track conditions)

To use the calculated IVs

- 1 → Click “CALCULATED” on the IV Input Method Screen.

## How to Manually Create a New Handicapping Profile (continued)

- Select either Dirt Sprint (DS), Dirt Route (DR), Turf Sprint (TS), Turf Route (TR), Off Sprint (OF) or Off Route (OR) by clicking on the appropriate button.
- Enter the 3 character track code when prompted to do so.

That's all there is to it. The calculated IVs are now in the cells on the IV Input screen. Where to go from here is explained a little later.

**NOTE: When you use calculated IVs, ALL-Ways software saves the race screens that you used when you ran the IV Analysis and saved the calculated IVs. See An Explanation of Memory Screens in the Analysis Module chapter.**

### Default Impact Values

- Click "DEFAULT" on the IV Input Method screen
  - Enter the 3 character track code when prompted
  - Click "TRACK OK"
- The default IVs are now in the cells on the IV Input screen

### Manually key entered Impact Values

- Click "MANUAL" on the IV Input Method screen

The screenshot shows the "ALL-Ways Factor Selection" window. It contains several sections of checkboxes for selecting factors. The "DISTANCE" section has checkboxes for "dist record", "dist eff 2/3", "dist switch", and "len change". The "FORM" section has checkboxes for "eff last", "eff last true", "eff 2/3", "recency", "days good", "ham form", "workout(s)", "furlong days", "wgt bris total", and "wgt hall total". The "EARLY PACE" section has checkboxes for "FCP 4/5", "quirin speed", "bris call 1 2/3", "bris ep 2/3", "hall call 1 2/3", "hall ep 2/3", and "true dirt ep". The "LATE PACE" section has checkboxes for "str gain 4/5", "str gain dist", "bris ff 2/3", "hall ff 2/3", and "true dirt ff". The "COMPOUND PACE" section has checkboxes for "bris cmb 2/3", "bris total 2/3", "bris late 2/3", "hall cmb 2/3", "hall total 2/3", "hall late 2/3", "true dirt cmb", "ESP", and "percent early". The "SURFACE" section has checkboxes for "dirt record", "dirt eff 2/3", "turf record", "turf eff 2/3", "mud record", and "mud eff 2/3". The "CLASS" section has checkboxes for "back class", "race change", "race good", "bris class", "true class", "ACL class", "turf class", "mud class", and "scott pcr". The "SPEED" section has checkboxes for "scott ability", "bris speed last", "bris speed 2/3", "hall speed last", "hall speed 2/3", "SRTV last", "bris back speed", "true dirt speed", and "mud speed". The "PACELINE" section has checkboxes for "bris call 1", "bris ep", "bris ff", "bris speed", "bris cmb", "bris total", "bris late", "hall call 1", "hall ep", and "hall ff". The "OTHER" section has checkboxes for "comprehensive", "bris power", "post", "jockey", "trainer", "trainer turf", "turf pedigree", "mud pedigree", and "first pedigree". At the bottom, there is a "DONE" button and a "RESET" button. The status bar at the bottom shows the time as 5:49 PM.

| DISTANCE                                        | FORM                                   | EARLY PACE                               | LATE PACE                                       | COMPOUND PACE                                      |
|-------------------------------------------------|----------------------------------------|------------------------------------------|-------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> dist record | <input type="checkbox"/> eff last      | <input type="checkbox"/> FCP 4/5         | <input type="checkbox"/> str gain 4/5           | <input type="checkbox"/> bris cmb 2/3              |
| <input type="checkbox"/> dist eff 2/3           | <input type="checkbox"/> eff last true | <input type="checkbox"/> quirin speed    | <input type="checkbox"/> str gain dist          | <input type="checkbox"/> bris total 2/3            |
| <input type="checkbox"/> dist switch            | <input type="checkbox"/> eff 2/3       | <input type="checkbox"/> bris call 1 2/3 | <input type="checkbox"/> bris ff 2/3            | <input type="checkbox"/> bris late 2/3             |
| <input type="checkbox"/> len change             | <input type="checkbox"/> recency       | <input type="checkbox"/> bris ep 2/3     | <input checked="" type="checkbox"/> hall ff 2/3 | <input type="checkbox"/> hall cmb 2/3              |
|                                                 | <input type="checkbox"/> days good     | <input type="checkbox"/> hall call 1 2/3 | <input type="checkbox"/> true dirt ff           | <input checked="" type="checkbox"/> hall total 2/3 |
|                                                 |                                        | <input type="checkbox"/> hall ep 2/3     |                                                 | <input type="checkbox"/> hall late 2/3             |
|                                                 |                                        | <input type="checkbox"/> true dirt ep    |                                                 | <input type="checkbox"/> true dirt cmb             |
|                                                 |                                        |                                          |                                                 | <input type="checkbox"/> ESP                       |
|                                                 |                                        |                                          |                                                 | <input type="checkbox"/> percent early             |

| SURFACE                                         | CLASS                                | SPEED                                               | PACELINE                             | OTHER                               |
|-------------------------------------------------|--------------------------------------|-----------------------------------------------------|--------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> dirt record | <input type="checkbox"/> back class  | <input type="checkbox"/> scott ability              | <input type="checkbox"/> bris call 1 | <input type="checkbox"/> hall speed |
| <input type="checkbox"/> dirt eff 2/3           | <input type="checkbox"/> race change | <input type="checkbox"/> bris speed last            | <input type="checkbox"/> bris ep     | <input type="checkbox"/> hall cmb   |
| <input type="checkbox"/> turf record            | <input type="checkbox"/> race good   | <input type="checkbox"/> bris speed 2/3             | <input type="checkbox"/> bris ff     | <input type="checkbox"/> hall total |
| <input type="checkbox"/> turf eff 2/3           | <input type="checkbox"/> bris class  | <input type="checkbox"/> hall speed last            | <input type="checkbox"/> bris speed  | <input type="checkbox"/> hall late  |
| <input type="checkbox"/> mud record             | <input type="checkbox"/> true class  | <input type="checkbox"/> hall speed 2/3             | <input type="checkbox"/> bris cmb    | <input type="checkbox"/> bro ep     |
| <input type="checkbox"/> mud eff 2/3            | <input type="checkbox"/> ACL class   | <input type="checkbox"/> SRTV last                  | <input type="checkbox"/> bris total  | <input type="checkbox"/> bro ap     |
|                                                 | <input type="checkbox"/> turf class  | <input type="checkbox"/> bris back speed            | <input type="checkbox"/> bris late   | <input type="checkbox"/> bro sp     |
|                                                 | <input type="checkbox"/> mud class   | <input checked="" type="checkbox"/> true dirt speed | <input type="checkbox"/> hall call 1 | <input type="checkbox"/> bro fx     |
|                                                 | <input type="checkbox"/> scott pcr   | <input type="checkbox"/> mud speed                  | <input type="checkbox"/> hall ep     | <input type="checkbox"/> bro total  |
|                                                 |                                      |                                                     | <input type="checkbox"/> hall ff     |                                     |

CLICK BOXES TO SELECT DESIRED FACTORS.  
CLICK DONE WHEN FINISHED SELECTING.

DONE

RESET MAIN PROFILE MAIN

Figure 7.1 Handicapping Profiles Factor Selection Screen

ALL-Ways - [ALL-Ways IV Input Form]

WORKOUT(S) excellent good not good none

TRUE CLASS 1st 2nd 3rd front rear

HALL SPEED 2/3 ☐ proportional 1st 2nd 3rd front rear

STR GAIN 4/F DIST ☐ proportional 1st 2nd 3rd front rear

TRUE DIR

BRO TOI

COMPREHE

PROFILE MODULE: IV INPUT METHOD

MANUAL DEFAULT CALCULATED

ENTER TRACK CODE THEN  
CLICK OK.

TRACK CODE  
KEEP

OK CLEAR

RESET MAIN PROFILE MAIN

DONE

RESET MAIN PROFILE MAIN QUIT

Start ALL-Ways - [ALL-Ways IV AUX] 8:43 PM

ALL-Ways - [ALL-Ways IV Input Form]

WORKOUT(S)

TRUE CLASS

HALL SPEED 2/3

STR GAIN 4/5 DIST

TRUE DIRT FF

BRO TOTAL

COMPREHENSIVE

excellent

1.5

1st

2

maximum

1.8

1st

2.5

1st

1.5

1st

2

good

1.3

2nd

1.7

2nd

2

2nd

1.3

2nd

1.7

2nd

1.7

not good

1.1

3rd

1.4

3rd

1.5

3rd

1.1

3rd

1.4

3rd

1.4

none

0.8

front

1.1

front

1

front

1

front

1.1

front

1

rear

0.7

rear

0.7

rear

0.7

rear

0.7

rear

0.7

rear

0.6

☐ proportional

☒ proportional

☐ proportional

☐ proportional

☐ proportional

☐ proportional

1st

2nd

3rd

front

rear

MODIFY IV VALUES MANUALLY. USE ARROW KEYS TO NAVIGATE. CLICK DONE WHEN FINISHED.

DONE

RESET

MAIN

PROFILE MAIN

QUIT

Start

ALL-Ways

ALL-Ways - [ALL...

8:45 PM

## How to Manually Create a New Handicapping Profile (continued)

The cells on the IV Input screen are now empty

### How to key enter Impact Values

At this point, the IV Input screen appears and is operable as shown in Figure 6.3.

If you selected the manual IV input method, the input cells are blank. If you used either the default or calculated IV input method, the input cells have values in them. You now need to either enter your own Impact Values or modify or accept the Impact Values already there. Use the “arrow” and “enter keys” to navigate between the cells. There are a few simple rules:

- Every cell must have an Impact Value.
- No Impact Value may be greater than 5.0
- No Impact Value may be less than 0.5
- An Impact Value of 1 is neutral

**NOTE: ALL-Ways software automatically adjusts the calculated Impact Values to fit within these limits.**

You can change the value in a cell using the following techniques.

- 1 → Set the focus to the cell you want to change.
- 2 → Use the backspace and/or delete keys to erase individual characters.

### OR

While holding the left mouse button down, swipe the mouse pointer across the cell and then press the delete key to erase all the characters in the cell.

- 3 → Now, key in the correct information.

### Using proportional Impact Values

Many of the handicapping factors allow you to use proportional IVs. You can use proportional IVs by simply clicking the “PROPORTIONAL” box next to the factor name on the I V input screen. When you do this, the middle IVs disappear, leaving only the highest IV and the lowest IV. Clicking “PROPORTIONAL” off restores all of the IV values.

Here is an example of how proportional Impact Values work using the HALL Speed handicapping factor.

| Ranking Scheme | 1st        | 2nd   | 3rd         | Front           | Rear |
|----------------|------------|-------|-------------|-----------------|------|
| Impact Value   | 1.8        | 1.5   | 1.3         | 1.0             | 0.6  |
|                | HALL Speed | Rank  | Absolute IV | Proportional IV |      |
| Horse A        | 116        | 1st   | 1.8         | 1.80            |      |
| Horse B        | 115        | 2nd   | 1.5         | 1.68            |      |
| Horse C        | 111        | 3rd   | 1.3         | 1.20            |      |
| Horse D        | 110        | Front | 1.0         | 1.08            |      |
| Horse E        | 109        | Rear  | 0.6         | 0.96            |      |
| Horse F        | 109        | Rear  | 0.6         | 0.96            |      |
| Horse G        | 107        | Rear  | 0.6         | 0.72            |      |
| Horse H        | 106        | Rear  | 0.6         | 0.60            |      |

In this example, horse B has a HALL figure very close to horse A and far superior to horse C. If proportional IVs are not used, horse B is assigned an IV closer to horse C than to horse A. (Again, this is acceptable based on QUIRIN’S Study Of Impact Values. However, if proportional IVs are used, horse B receives an Impact Value much closer to horse A. Many

## How to Manually Create a New Handicapping Profile (continued)

handicappers will prefer this approach.

If you click “PROPORTIONAL” on, ALL-Ways software will handle these calculations automatically,. All you need to do is assign the high and low Impact Values.

### **How to save a new Handicapping Profile**

When you are done entering the Impact Values on the IV Input screen, just click “DONE”. The IV save screen will appear as shown in Figure 7.4.

To save the Handicapping Profile:

- 1 → Enter the 3 character track code and click “OK”
- 2 → Enter the name you want for the Handicapping Profile and click “OK”
- 3 → Click the “SAVE” button

The Handicapping Profile has now been saved to the Handicapping Profile list for the track.

### **How to print a new Handicapping Profile**

You can now print out the Handicapping Profile in one of two ways:

- Click the “ONLY FACTORS IN USE” print mode and then click “PRINT” and ALL-Ways software will print out the Handicapping Profile showing only the factors you included in the Handicapping Profiles.
- Click the “ALL FACTORS” print mode and then click “PRINT” and ALL-Ways software will print out the Handicapping Profile with all 87 factors. The factors you *did not* select to be included in the Handicapping Profile will have all “1’s” Impact Values.

**Reminder:** An Impact Value of 1 is neutral. It neither favors or penalizes a horse.

## ◆ HOW TO MODIFY, DELETE OR PRINT AN EXISTING HANDICAPPING PROFILE

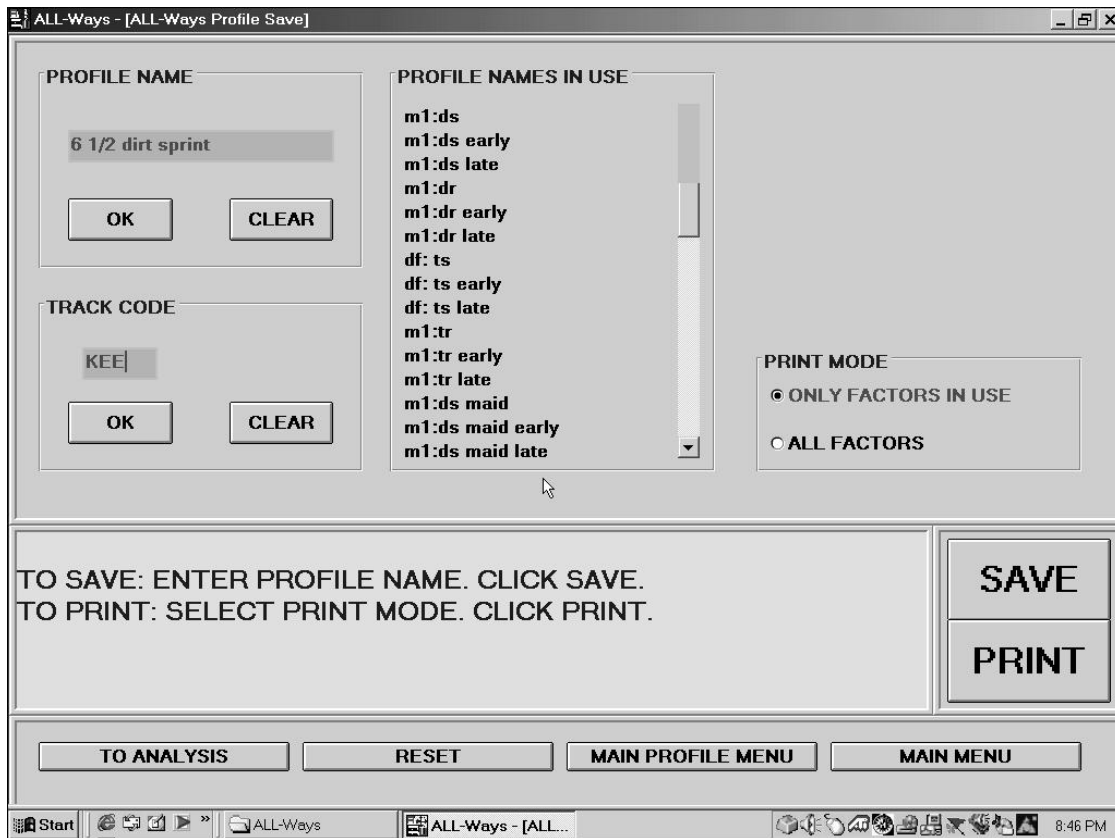
- 1 → Click “PROFILE” on the Main Menu
- 2 → Click “MODIFY-PRINT-DELETE” on the IV Profile Menu
- 3 → Enter the 3 character track code when prompted to do so and then click “OK”

The Modify-Print-Delete screen now looks like that shown in Figure 7.5. The Profile list is in the upper right portion of the screen

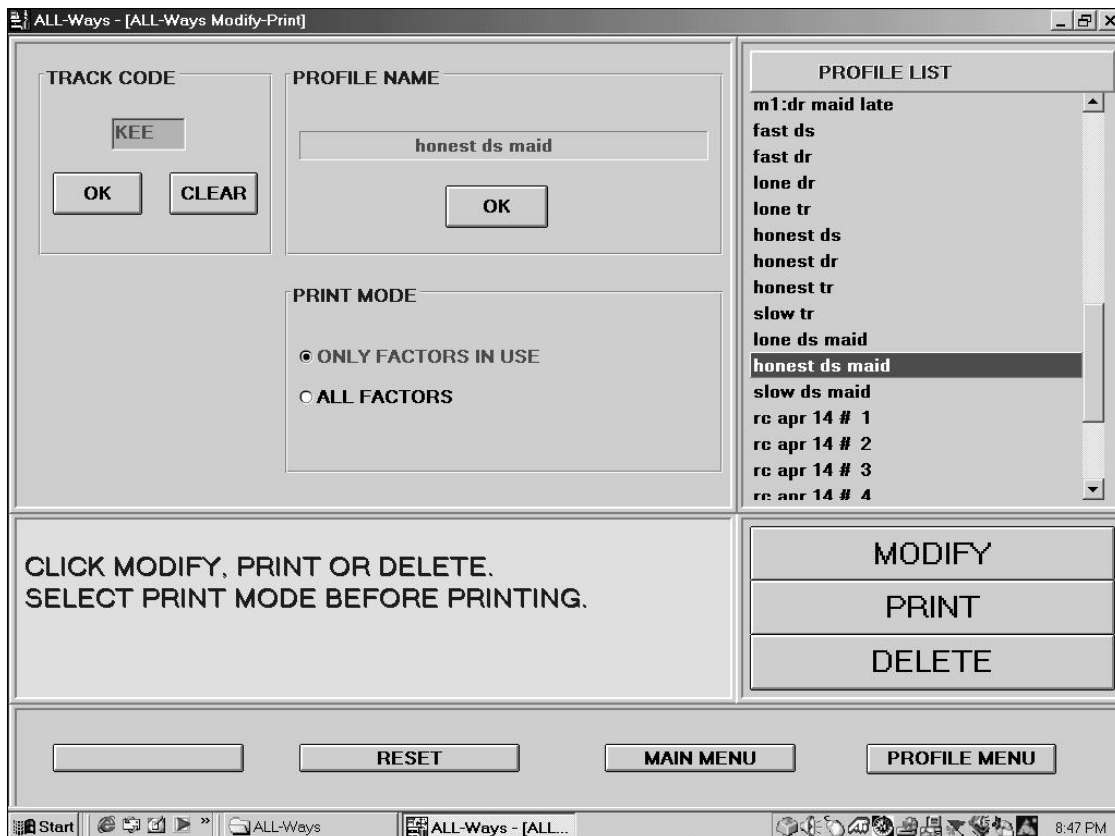
- 4 → Select the Handicapping Profile you want to modify, print or delete by clicking its name in the profile list and clicking “OK”

### **To modify the Handicapping Profile**

- 1 → Click “MODIFY”
- 2 → This will get you to the IV Select screen that will display the handicapping factors included in this Handicap-



**Figure 7.4 Handicapping Profiles Module IV Profile Save screen**



**Figure 7.5 Handicapping Profiles Module Modify-Delete-Print screen**

## How to Modify, Delete or Print an Existing Handicapping Profile (continued)

- ping Profile You can now accept or change the selected handicapping factors and then click “DONE”
- 3 → This will take you to the IV Input Method screen. Choose the method of inputting Impact Values the same way you do when you create a new profile. If you select “MANUAL”, you will go directly to the IV Input screen where you will see the Impact Values that are currently being used by the profile.
  - 4 → This will take you to the IV Input screen where you can accept or change the IVs and click “DONE” when you are finished.
  - 5 → This will take you to the IV Profile Save screen. At this point you can either:
    - Keep the same Handicapping Profile name and track code, in which case the old Handicapping Profile is replaced with the modified Handicapping Profile.
    - Change the Handicapping Profile name but keep the same track code, in which case the modified Handicapping Profile will be saved as an additional Handicapping Profile in the track’s profile list.
    - Change the track code, in which case the modified Handicapping Profile will be saved as a new Handicapping Profile in the new track’s Handicapping Profile list.

### **To delete a Handicapping Profile**

- 1 → Select the Handicapping Profile to delete and then click “DELETE” on the Modify-Print-Delete screen

### **To print a Handicapping Profile**

- 1 → Select the Handicapping Profile to print
- 2 → Select the print mode: either “ONLY FACTORS IN USE” or “ALL FACTORS”
- 3 → Click “PRINT”

## ◆ HOW TO COPY A HANDICAPPING PROFILE FROM ONE TRACK TO ANOTHER

An easy way to *copy* a Handicapping Profile from one tracks profile list to another tracks profile list is to follow this procedure:

- 1 → Select the Handicapping Profile to copy and click “MODIFY”
- 2 → Without changing the selected factors, click “DONE” on the IV Select screen
- 3 → Select the MANUAL input method
- 4 → Without changing the Impact Values on the IV Input screen, click “DONE”
- 5 → Without changing the Handicapping Profile name, change the track code and then click “DONE”

An exact copy of the Handicapping Profile will now be in the new tracks profile list.

## ◆ HOW TO USE THE HANDICAPPING PROFILE MANAGEMENT MODULE

### **Handicapping Profile Management Module**

## How to Copy a Handicapping Profile from One Track to Another (continued)

This module, which is shown in Figure 7.6, provides easy ways for you to control your profile lists for a track. You can hide or unhide any profile. You can lock or unlock any profile. You can view the date and time the profile was created. For Handicapping Profiles that were made in the Analysis Module using the MRA Custom function (Professional Edition only), you can view if the profile can automatically be updated by ALL-Ways. More about that later. You can rename profiles. You can change the order of profiles in your profile list. You can print out your list of profiles. Finally, you can purge your profile list of profiles you no longer want to keep.

### To get to the Profile Management Module:

- 1 → From the Main Menu, click PROFILE to get to the Profile Menu.
- 2 → Then select PROFILE MANAGEMENT.
- 3 → Enter the TRACK CODE and click TRACK OK.

At this point, the profiles for the track will be displayed and you will be prompted to select the View/Modify function, the Re-Order function or the Purge function.

### View/Modify Functions

The current Profile List displays all the profiles in the profile list for the track, whether the profiles are hidden (or deleted) or not. Clicking on a profile in the list will display information about the profile. You can view this information. You can also change certain profile attributes as well.

**Name:** This is the name of the profile that is selected in the Current Profile List.

**Memory Screens:** This shows you if the Race Screens that were used when the Handicapping Profile was made have been “memorized” by ALL-Ways software. This is called the “Memory Screen” feature in ALL-Ways software. MRA Custom profiles began using the Memory Screen feature in Version 8. MRA Default, MRA Pace and Race Card profiles began using the Memory Screen feature in ALL-Ways software Version 9. Also beginning in Version 9, if you use the Calculated Impact Values option to enter the Impact Values in your manually created profiles, the Race Screens that were used when you saved the Calculated Impact Values in the Analysis Module will be “memorized” by ALL-Ways software.

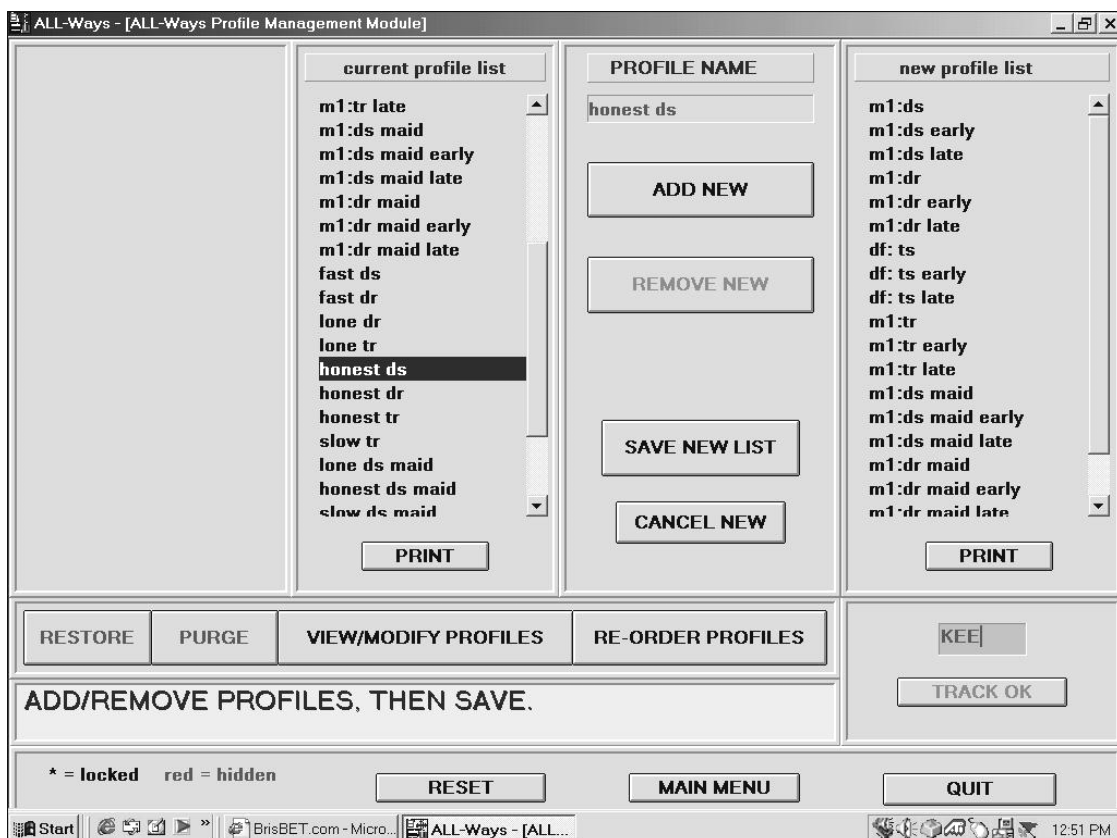
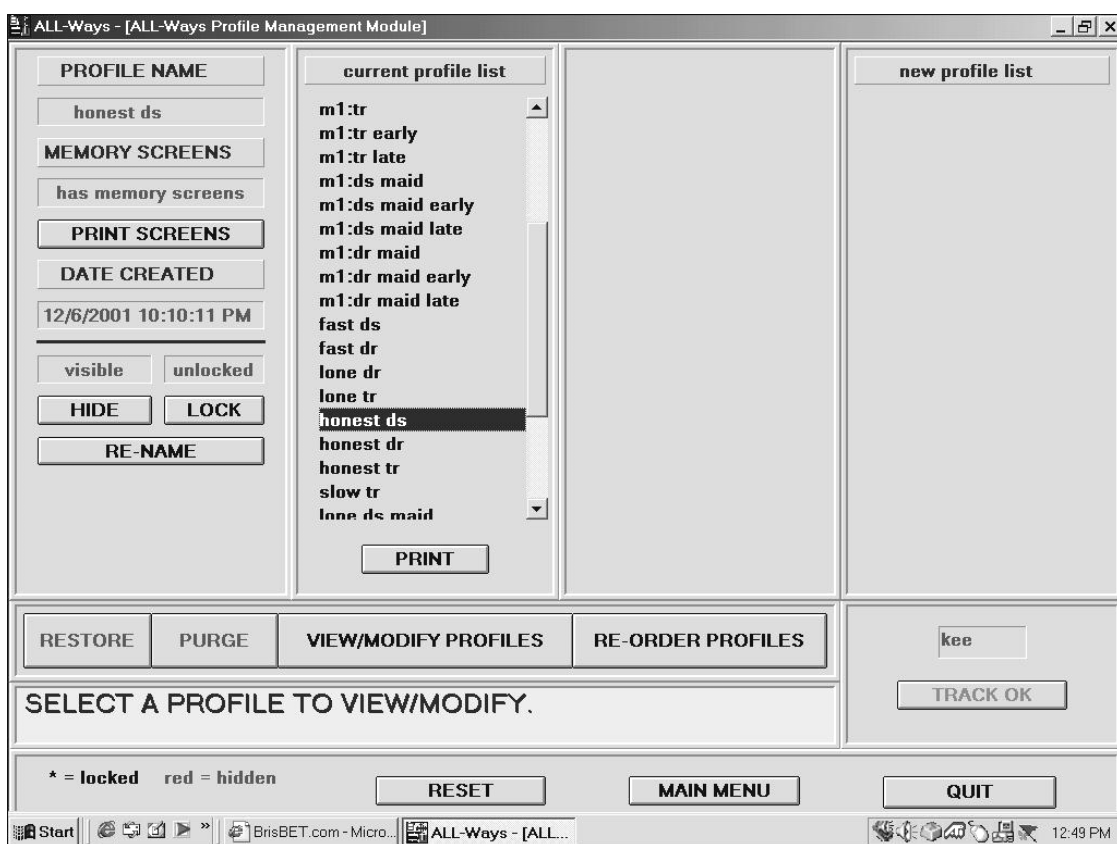
**Date Created:** This shows the date and the time the profile was created or last updated.

**Hidden or Visible:** This shows you if the profile is currently hidden or currently visible. All profiles, whether hidden or visible, are displayed in the Current Profile List in this Profile Management Module. Hidden profiles are in red and visible profiles are in black. Hidden profiles will not, however, be displayed in the profile lists in the Handicapping Module or the Analysis Module. Note that the terms “hidden” and “deleted” mean exactly the same thing when referring to Handicapping Profiles. The terms “un-hide” and “un-delete” do as well.

Why hide a profile? Perhaps your profile list is getting quite long and you would like to shorten it, but you are not ready to get rid of some profiles forever. Just hide the profiles and they will not be displayed. You can unhide then at any time. Another example is if you no longer use the MRA Default profiles because you have your own custom profiles. In this case, just hide the MRA Default profile. They will still be there, but you will not be able to see them except in this Profile Management Module.

You can change the hidden or visible attribute by clicking on the HIDE or UNHIDE button.

**Locked or Unlocked:** This shows you if a profile is currently locked or unlocked. Profiles that are locked will also have an asterisk (\*) at the beginning of the profile name. For example, if you lock the MRA Default profile for non



**Figure 7.6 Handicapping Profiles Management Module screens**

## How to Use the Handicapping Profile Management Module (continued)

maiden dirt sprints with an early running style bias, the name of the profile will change from M1: DS EARLY to \*M1: DS EARLY. **Note:** You are not allowed to use an asterisk as the first character in a profile name. This is reserved for use by the Lock/Unlock function.

Why lock a profile? A Handicapping Profile that is locked will not (cannot) be automatically updated by the MRA Default, MRA Pace or MRA Custom functions. So, for example, if you have a MRA Pace profile for Honest paced dirt sprints that is really working well and you want to leave it alone but update all the other MRA Pace profiles, just lock the Honest DS profile and it will not be updated when you run the MRA Pace function. In this example, the name of the locked profile will change from Honest DS to \*Honest DS.

You can change the locked or unlocked attribute by clicking on the LOCK or UNLOCK button.

**Rename:** To give a new name to a profile, click the RENAME button, enter the name and click the SAVE NAME button. ALL-Ways software will examine the name you use to make sure it does not begin with an asterisk and that it is not too long for displaying in the Profile Lists in the Handicapping and Analysis Modules.

### Re Order Function

This function lets you change the order of profiles in your list and to exclude some profiles if you so desire. The method for accomplishing this is to move profiles from your Current Profile List to the New Profile List. When you have the New Profile List the way you want it, you simply save the new list and it becomes your Current Profile.

When the New Profile List is first displayed, it will always include the 18 Default or MRA Default Handicapping Profiles. You cannot rename or get rid of these profiles. You can, however, hide and unhide them or lock and unlock them.

#### To add a profile to the New Profile List:

- 1 → Click on the profile name in the Current Profile List that you want to add to the New Profile List. The name will now be displayed in the Profile Name box.
- 2 → Click the ADD button. This will add the selected profile to the New Profile List as the last profile in the list.

#### To remove a profile from the New Profile List:

- 1 → Click on the profile name in the New Profile List that you want to remove. The name will now be displayed in the Profile Name box.
- 2 → Click the REMOVE button. This will remove the selected profile from the New Profile List.

#### To save the New Profile List:

- 1 → Click on the SAVE NEW LIST button. You will be prompted to verify that you want to save the New Profile List. **Remember, when you save it, the old profile list is gone forever because it is replaced by the New Profile List.** ALL-Ways will also check to see if any profiles in your old list were not moved to the new list and let you know, just to make sure that is your intention.

### The Purge Function

When you Purge your list of Handicapping Profiles, ALL-Ways software will remove all hidden profiles. Again, the terms “hidden” and “deleted” mean exactly the same thing. When you hide or delete profiles, they are actually still in your profile list. They just cannot be seen (except in the Profile Management Module). You can always unhide/undelete

## **How to Use the Handicapping Profile Management Module (continued)**

them. However, after you purge your profile list, these hidden/deleted profiles are gone forever.

### **To purge your profile list:**

Simply click on the PURGE button and answer “yes” when asked to confirm that you want to proceed with the purge operation.

### ***The Restore Function***

Clicking the RESTORE button will automatically delete all profiles for the track and restore the original Default Profiles that came with ALL-Ways software. You will be given a warning that you are about to delete all your profiles for the track, so you can stop the action if you so choose. This is a convenient feature for starting over “from scratch” with the profile list for a track.

# chapter 8

**custom module** This module contains many diverse, useful functions.

## In this Chapter you will learn:

- How to create your own custom Handicapping reports. (*Professional Edition only*)
- How to customize the Top 10/Ranking report (Professional Edition only)
- How to override the paceline that is automatically selected by ALL-Ways software. (*Professional Edition only*)
- How to export comma delimited Race Database files (*Professional Edition only*)
- How to create a transfer disk that allows you to easily transfer data from a desktop computer to a notebook computer.
- How to set your personal preferences for how some parts of ALL-Ways software operate.

To get to the Custom Module, click CUSTOM on the ALL-Ways Main Menu.

- 112 How to create custom reports**
- 113 How to customize the Top 10/Ranking report**
- 114 How to override the automatic paceline selection**
- 115 How to export a comma delimited Race Database file**
- 115 How to create a computer-to-computer transfer disk**
- 118 How to set your preferences**
  - 118 How to select the type of ALL Factors report**
  - 118 How to turn off the beeper**
  - 118 How to establish a default track code**
  - 118 How to use the Analysis "Paper Saver" feature**
  - 119 How to set minimum/maximum number of races for the MRA Analyses**
  - 119 How to enable/disable automatic first time starter handicapping**
  - 119 How to change how ALL-Ways selects contenders**
  - 119 How to instruct ALL-Ways software how to handle \$1 wager payoffs**
  - 119 How to select factors to print on All Factors, Top 3 and IV Analysis reports**
  - 120 How to select factors considered by the MRA Functions**
  - 120 How to limit the number of races in a race list**

ALL  Ways™

8

## ◆ HOW TO CREATE CUSTOM REPORTS (*PROFESSIONAL EDITION ONLY*)

**NOTE:** You can design up to 28 different Custom Reports and then select the specific Custom reports to print in the Handicapping Module.

To get to the Custom Reports section, click the REPORT button.

At this point, the Custom report screen will now be displayed. At the top left of the screen you will see an indication of the post position and the horses name. These will always be the first two fields printed on any custom report.

To the right you will see labels for the ten possible columns that will print on your custom report. Custom Reports are limited to ten columns so they can be displayed on your computer monitor screen as well as printed.

### **To create a new Custom report:**

Click the CREATE button.

You will now see six list boxes that contain the possible factors that you can assign to any report column. There are more than 230 factors divided into distance/surface factors, form factors, class factors, speed factors, pace factors and other factors. There are obviously some factors that are additional to those you use in Handicapping Profiles. For example, there are earnings and earnings per start factors. There are some additional compound pace factors such as Early Pace + Speed, Final Fraction + Speed and Turn Time + Final Fraction. There are the Brohamer Feet-Per-Second figures for each of the three Brohamer race fractions. The “Other” group of factors include pedigree factors. The “Other” group also includes past performance race information that you can print on your reports such as BRIS Race Ratings, Quirin Race Shapes, distance, surface, etc.

ALL-Ways - [ALL-Ways Custom Report Module]

|       |       |       |       |       |        |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| #     | name  | ham   | true  | back  | bro tl | bris  | bris  | bris  | comp  | bris  | morn  |
| form  | class | speed | rank  | ep    | ff     | cmb   | total | prime | line  |       |       |
|       |       |       | P/L   | P/L   | P/L    | P/L   |       | power | odds  |       |       |
| clear | clear | clear | clear | clear | clear  | clear | clear | clear | clear | clear | clear |
| focus | focus | focus | focus | focus | focus  | focus | focus | focus | focus | focus | focus |

| DIST - SURF  | FORM         | CLASS         | SPEED         | PACE           | OTHER         |
|--------------|--------------|---------------|---------------|----------------|---------------|
| DIST RECORD  | LAST EFFORT  | BACK CLASS    | SCOTT ABL LST | BRIS EP P/L    | MORNING LINE  |
| DIST EFF 2/3 | LAST TRU EFF | RACE LAST     | SCOTT ABL PL  | BRIS FF P/L    | COMP DIST     |
| DIST SWITCH  | EFFORT 2/3   | RACE CHANGE   | BRIS SPD LAST | BRIS SPD P/L   | COMP SURF     |
| LEN CHANGE   | REGENCY      | RACE GOOD     | BRIS SPD 2/3  | BRIS CMB P/L   | COMP FORM     |
| DIST STARTS  | DAYS GOOD    | BRIS CLASS    | HALL SPD LAST | BRS EP+SP P/L  | COMP CLASS    |
| DIST WIN %   | HAM FORM     | TRUE CLASS    | HALL SPD 2/3  | BRS FF+SP P/L  | COMP SPEED    |
| DIST ITM %   | WORKOUT RATE | ACL           | SRTV LAST     | HALL EP LST    | COMP J/T      |
| DIRT RECORD  | WORK SEC/FUR | SCOTT PCR     | BACK SPEED    | HALL FF LST    | COMP TOTAL    |
| DIRT EFF 2/3 | FURLONG DAYS | LIFE EARNINGS | TRUE DIRT SPD | HALL SPD LST   | BRIS POWER    |
| TURF RECORD  | HALL FORM    | LIFE ERN/STRT | MUD SPEED     | HALL TRN LST   | JOCKEY RATE   |
| TURF EFF 2/3 |              | DIST EARNINGS |               | HALL CMB LST   | JOCK ESP STRT |
|              |              | DIST ERN/STRT |               | HALL TN+FF LST | JOCK ESP WIN% |

**NOTES :** Hambleton Form is particularly strong for maiden races.  
Very high win percent if Comprehensive and BRIS Prime Power point to same horse.

CREATE      MODIFY      DELETE      REPORT NAME

SELECT REPORT FIELDS. THEN SAVE.      SAVE REPORT

RESET      MAIN      QUIT

Start      ALL-Ways      ALL-Ways - [ALL...      9:31 PM

**Figure 8.1 Custom Module Custom Reports Screen (*Professional Addition Only*)**

To create a report, simply set the focus to a column and then click on the factor in the factor list that you want in that column. It is that simple. You can also type in a two line comment that will be printed whenever you print or display the report at handicapping time. Again, you can design up to 28 different Custom Reports.

When you are done designing your report simply click SAVE REPORT, enter a name for the report and click OK. You now have a custom report that will be available for you whenever you use the Handicapping Module. Again, you can design up to 28 different custom reports.

### **To modify a Custom Report:**

Click the MODIFY button. Select the report you want to modify from the list of reports. Change the factors that are assigned to the columns you want to change and then click SAVE REPORT.

### **To delete a Custom Report:**

Click the DELETE button. Select the report you want to delete from the list of reports and then click the DELETE REPORT button. You will be asked to verify that you want to delete the report.

## **◆ HOW TO CUSTOMIZE THE TOP 10/RANKING REPORT (PROFESSIONAL EDITION ONLY)**

**To get to the Top 10/Ranking Report Customization screen:**

- 1 → On the Main Menu click “CUSTOM”
- 2 → On the Custom Form click “RANKING”

**Some things you will see:**

ALL-Ways will retain a separate report definition for:

- non-maiden dirt sprints
- non-maiden dirt routes
- non-maiden turf sprints
- non-maiden turf routes
- maiden dirt sprints
- maiden dirt routes
- maiden turf races

There are eight factors available for the three factor positions in the Top 10 part of the report. There are 47 factors available for the sixteen factor positions in the Ranking part of the report.

For the Top 10 part of the report, you can force **any combination** of the following requirements:

- Only past performance races on the same surface will be considered.
- Only past performance races in the same distance category (sprint or route) will be considered.
- Only past performance races run at today's track will be considered.

**To customize a report:**

## How to Customize the Top 10/Ranking Report (Professional Edition Only) (continued)

- 1 → Select the race type you want work with.
- 2 → Click the “FOCUS” button for the factor position on the report.
- 3 → Click the “FACTOR” button for the factor you want used in that factor position.
- 4 → When you have assigned all the factors you want to use, click “SAVE” to save the report definition.

If at any time you want to start over for a race type, you can click the “RESTORE DEFAULT” button.

When you are finished, click “DONE”.

### ◆ HOW TO OVERRIDE THE AUTOMATIC PACELINE SELECTION (PROFESSIONAL EDITION ONLY)

ALL-Ways software automatically selects one race in each horse’s past performance races that it designates as the horse’s paceline race. Some handicappers may prefer to select their own paceline races or, at least, would like the ability to change a particular paceline selected by ALL-Ways software. ALL-Ways software gives you a simple way to override the pacelines that are automatically selected by ALL-Ways software.

#### To override the ALL-Ways software automatic paceline selections:

Click the PACELINE button in the CUSTOM Module. Enter the 3 character track code and then click TRACK OK. You are now given three possible functions from which to choose. They are:

- 1 → PRINT RACE

This function will print the ALL-Ways Past Performance Handicapping report for the race that you select from

**Top 10 Fields**

bris ep focus focus focus focus focus focus

**Ranking Fields**

back class focus focus focus focus ham form focus focus focus focus wgt bris hall late 2/3 prime total power comp ff 2/3 ff 2/3 focus focus focus focus restore default save

bris ep bris ff bris cmb bris speed ☒ same surface  
hall ep hall ff hall cmb hall speed ☐ same dist cat  
☐ same track

| FORM       | SPEED      | PACE           |                |                |
|------------|------------|----------------|----------------|----------------|
| ham form   | bris last  | true dirt ep   | bris total p/l | hall total p/l |
| wgt bris   | bris 2/3   | true dirt ff   | bris late p/l  | hall late p/l  |
| wgt hall   | hall last  | true dirt cmb  | hall call1 2/3 | hall turn p/l  |
| CLASS      | hall 2/3   | bris call1 2/3 | hall ep 2/3    | bro ep         |
|            | SRTV last  | bris ep 2/3    | hall ff 2/3    | bro ap         |
| back class | bris back  | bris ff 2/3    | hall cmb 2/3   | bro sp         |
| race good  | true dirt  | bris cmb 2/3   | hall total 2/3 | bro fx         |
| bris class | mud        | bris total 2/3 | hall late 2/3  | bro total      |
| true class | bris p/l   | bris late 2/3  | hall turn 2/3  | OTHER          |
| ACL        | hall p/l   | bris call1 p/l | hall call1 p/l |                |
| turf class | scott abil | bris ep p/l    | hall ep p/l    | bris power     |
| mud class  |            | bris ff p/l    | hall ff p/l    | total comp     |
| Scott PCR  |            | bris cmb p/l   | hall cmb p/l   |                |

☒ dirt sprint ☐ dirt route ☐ turf sprint ☐ turf route  
☐ maid dirt sprint ☐ maid dirt route ☐ maid turf CUSTOM

DONE

Figure 8.2 Top 10/Ranking Report Customization Screen (Professional Edition Only)

## How to Override the Automatic Paceline Selection (continued)

the race list. The Past Performance Report highlights the paceline currently in effect for each horse.

### 2 → PRINT CARD

This function will print all the Past Performance Reports for every race on the race card that you select from the race card list. The Past Performance Reports highlight the paceline currently in effect for each horse.

### 3 → SELECT

This function takes you to the MANUAL PACELINE screen where you can make your own paceline selections. See Figure 9.2. To examine the pacelines for a race and to change pacelines, first select a race from the race list. ALL-Ways software will now show you all the information about the race and will display the pacelines that are currently in effect for each horse in the race.

The left side of the paceline area shows the pacelines that are automatically selected by ALL-Ways software and the corresponding race check box has a check mark. You can change the paceline by simply clicking on the check box for the race you want to select. Note that ALL-Ways software requires that the paceline be selected from the horse's last five races. You can reset the paceline selected for a particular horse to the automatic paceline by clicking the checkbox under the AUTO column. You can reset all the pacelines for all horses back to the automatic pacelines by clicking the RESET PACELINES button. When you are satisfied with the paceline, click the SAVE button. ALL-Ways software will now save the pacelines and use them when it handicaps the race.

**NOTE: You can change the pacelines any time before or after you handicap a race. If you change a paceline after you have handicapped a race, ALL-Ways software will use the new paceline in the ANALYSIS Module for all of the various kind of analyses available in ALL-Ways software. ALL-Ways software will always use the manual paceline that is currently selected. If there is no manual paceline, then ALL-Ways software will always use the automatic paceline.**

## ◆ HOW TO EXPORT A COMMA DELIMITED RACE DATABASE FILE

This feature allows you to **export a comma delimited file** containing all 87 key handicapping factors in ALL-Ways software as well as selected additional information including Hambleton Pace figures, finish positions, mutuel payoffs and race information. You can instruct ALL-Ways software to export just a certain race, a full race card or the entire database. This file can then be imported by any modern spreadsheet software, such as Microsoft Excel, or any modern database software, such as Microsoft Access. Once the data is imported into one of these spreadsheet or database packages, you can use the sort and the query capabilities in the software package you are using to examine the data in great detail. Watch out! This really is addictive. It is great fun.

### To use the Database Export function:

- 1 → Select the Export Function in the Custom Module and then enter the track code.
  - 2 → Select how much of the database you want exported (a race, a race card or the entire database).
  - 3 → Select either values or rankings to export.
  - 4 → Accept or change the file name and click FILE OK.
  - 5 → Click GO EXPORT.
- The exported file will be in the FRANFILE directory/folder. The default file name will be EXPORT.xxx where the "xxx" is the three digit track code.
  - The first record (row) exported has the headings for each column so it is easy to tell what data is in each column.
  - Use the Open File or Import function in your spreadsheet or database software to input the data.

## ◆ HOW TO CREATE A COMPUTER-TO-COMPUTER TRANSFER DISK

## How to Create a Computer-to-Computer Transfer Disk (continued)

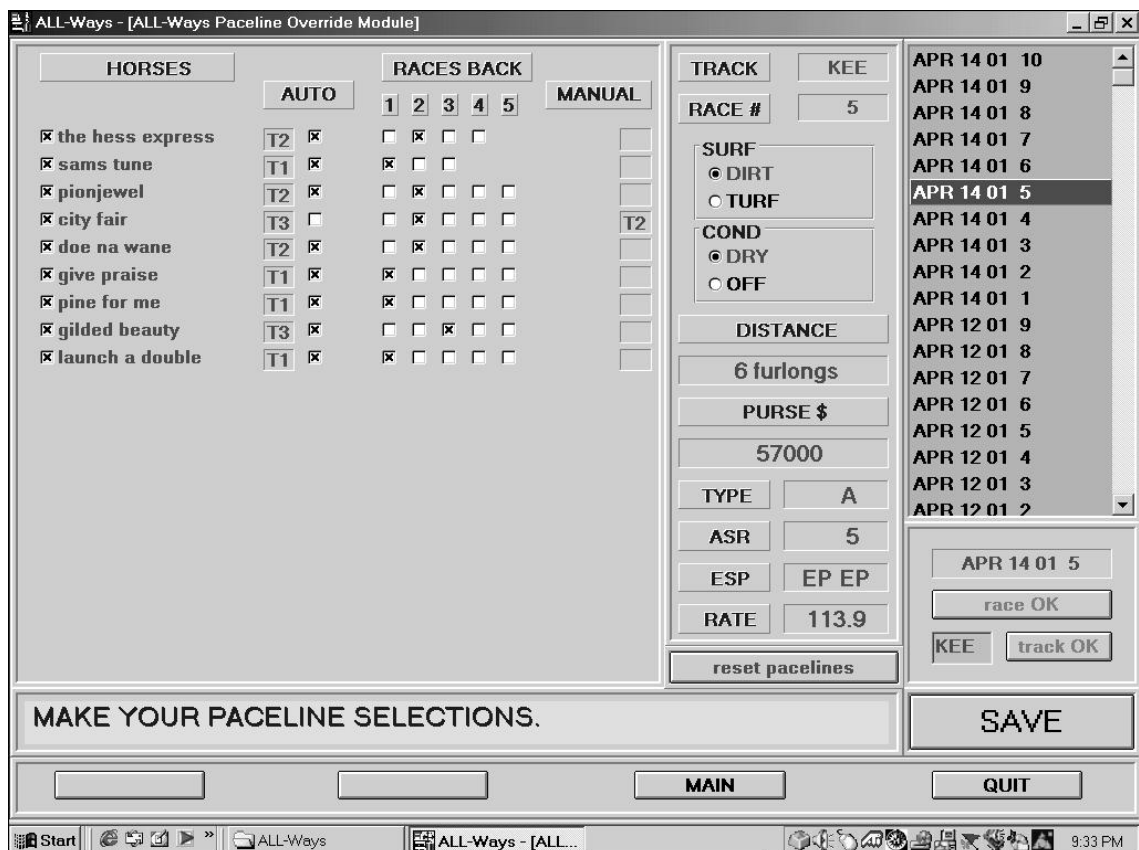
This function is for users who like to use their desktop computers to process the ALL-Ways software data files and also take a notebook computer to the track. The advantage of this is being able to re-handicap the races at the track if there are last minute scratches, if the race is taken off the turf and put on the dirt or if there is an off track.

### IMPORTANT

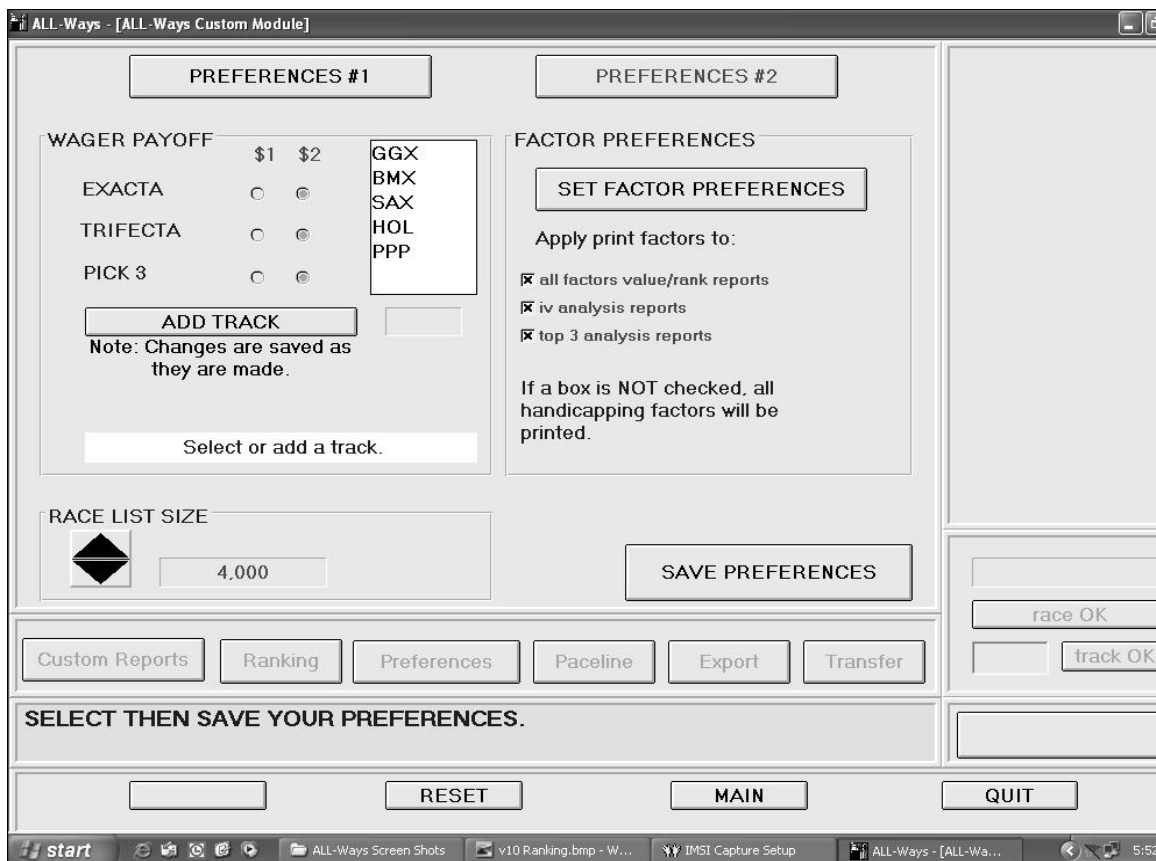
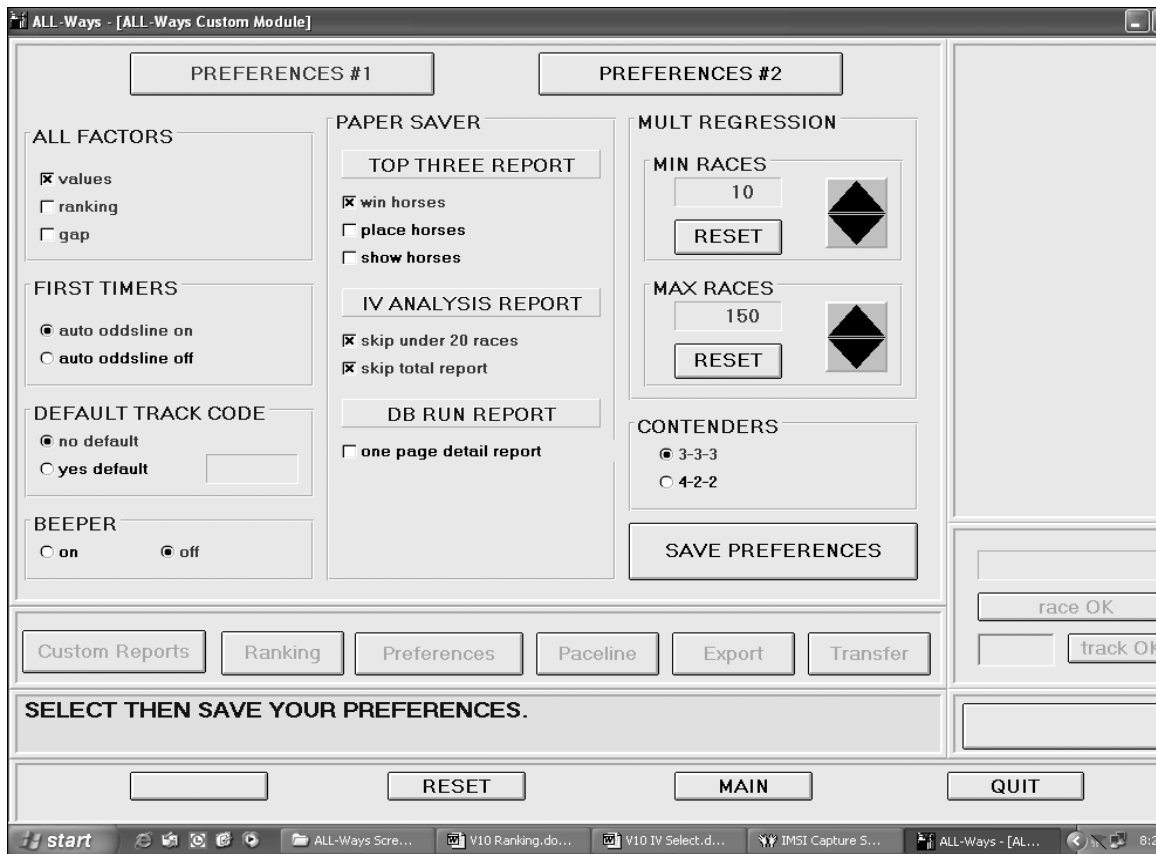
***In order to handicap the races using your notebook computer, you must run the ALL-Ways software setup program on your notebook computer. However, you do not need to install the Race History files as you did on your desktop computer.***

#### To create a transfer disk (EXPORT):

- 1 → Click TRANSFER in the CUSTOM Module
- 2 → Select the floppy disk drive
- 3 → Click EXPORT
- 4 → Enter the track code and click TRACK OK
- 5 → Select the race card you want to handicap and click RACE CARD OK



**Figure 8.3 Custom Module Paceline Override Screen (Professional Edition Only)**



**Figure 8.4 Custom Module Preferences Screen**

## How to Create a Computer-to-Computer Transfer Disk (continued)

6 → Click EXPORT

ALL-Ways software will now write to the floppy disk all the information you need to handicap the races on your notebook computer. This includes a Race Database containing only the race card races, your Handicapping Profiles for the track and the Track Profile information.

**NOTE: We suggest you use a clean, formatted floppy disk.**

### **To IMPORT a transfer disk:**

- 1 → Click TRANSFER in the CUSTOM Module
- 2 → Select the floppy disk drive
- 3 → Insert the transfer disk into to floppy disk drive
- 4 → Click IMPORT

ALL-Ways software will now copy the files from the transfer disk into the FRANFILE directory on your notebook computer.

## ◆ HOW TO SET YOUR PREFERENCES

See Figure 7.3.

ALL-Ways software lets you set your preferences for a number of things that determine how ALL-Ways software operates on your computer. ALL-Ways software “remembers” these preferences and thus operates according to your personal instructions.

### **To set your preferences:**

Click PREFERENCE in the CUSTOM Module. ALL-Ways software will now display all the operating options that are made available to you. Simply click the options that you want to use. The individual options are described below.

#### **All Factors Report**

|                |                                                                    |
|----------------|--------------------------------------------------------------------|
| Values Only:   | Prints the All Factors Handicapping Report with horse values only  |
| Rankings only: | Print the All Factors Handicapping Report with horse rankings only |
| Gap Values:    | Prints the All Factors Gap Report                                  |

#### **Beeper**

Turns the beeper on or off

#### **Default Track Code**

|             |                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------|
| No default: | You must enter the track code whenever prompted to do so                                           |
| Default:    | ALL-Ways software will automatically enter whatever track code you enter as the default track code |

#### **Paper Saver**

##### *Top 3 Report*

|              |                                                   |
|--------------|---------------------------------------------------|
| Top 3 Win:   | The Top 3 Report for win horses will be printed   |
| Top 3 Place: | The Top 3 Report for place horses will be printed |

## How to Set Your Preferences (continued)

Top 3 Show: The Top 3 Report for show horses will be printed  
*IV Analysis*

Skip Under 20: IV Analysis Reports with fewer than 20 races will not be printed

Skip Total: The IV Analysis Report that is a summary of all races all races will not be printed

### *DB Run*

One Page Detail: The DB Run Detail Analysis Report will be limited to a single page (about 75 races)

## Multiple Regression

Minimum Races: This is the minimum number of races that ALL-Ways software will require to run an MRA Analysis

Maximum Races: This is the maximum number of races that ALL-Ways software will use to run an MRA Analysis. Ways software always will use the most recent races in the Race Database.

## First Time Starters

Auto Oddsline On: This enables the feature that automatically handicaps first time starters and integrates the oddsline for the first time starters with the oddsline for the other horses in the race.

Auto Oddsline Off: This turns off the automatic first time starter handicapping.

## Contender Selection

4-2-2 vs 3-3-3: This controls how contenders are selected by ALL-Ways software. The 3-3-3 scheme selects contenders as follows:

- First, include the top three horses selected by the Handicapping Profile in profile position #1.
- Second, if not already included, include the top 3 selections of the Handicapping Profile in profile position #2. (Professional Edition Only)
- Third, if not already included, include the top 3 selections of the Handicapping Profile in profile position #3. (Professional Edition Only)
- Fourth, if not already included, include any horse ranking in the top 3 of certain speed figures *and* the top 3 of certain class figures.
- Fifth, if not already included, include any horse ranking in the top 3 of the Comprehensive Rating.

You can change this selection criteria to “4-2-2” meaning the top 4 picks of Handicapping Profile #1 will be included along with the top two picks of Handicapping Profile #2 and the top two picks of Handicapping Profile #3.

## Wager Payoff

This is where you instruct ALL-Ways software how to handle tracks that have payoffs for Exactas, Trifectas and Pick 3's based on \$1 wagers. ALL-Ways software considers all payoffs to be based on \$2 payoffs unless you have added a track to the Wager Payoff list and clicked on the \$1 payoff(s).

## Handicapping Factors to Print

Use the SET FACTOR PREFERENCES on the PREFERENCES #2 page in the CUSTOM MODULE to select the factors you want to print on the All Factors Value Report, the All Factors Ranking Report, the Top 3 Analysis Report and the Impact Value Analysis report. All of these reports will require two pages to print if you require all 87 Primary Handicapping to be printed. By turning off some factors, getting the number of factors printed down to 65 or so,

depending on your printer, the reports will print on a single page.

You can select/un-select the factors to print. Then you can specify which report(s) you want to print just the selected factors. If a report is not selected, all 87 factors will be printed on that report.

### Handicapping Factors for MRA (Professional Edition Only)

Use the SET FACTOR PREFERENCES on the PREFERENCES #2 page in the CUSTOM MODULE to select the factors you want to be considered by the MRA (Multiple Regression Analysis) functions in the Analysis Module. You may turn off some factors, if you like, and they will not be used by the MRA functions. Factors shown with an asterisk(\*) must be left on because they are required by the MRA functions. You cannot turn these factors off. Also, ALL-Ways will check the factors that you leave on to make sure it has adequate data to create good MRA Handicapping Profiles. If ALL-Ways sees a potential problem, it will give you a message so that you may change your selections.

### Maximum races in a Race List

This Preference item lets you set the maximum number of races to load into a race list. Setting this to a number that is less than the number of races in your Race Database for a track will speed up the loading of the race lists in the Handicapping and Results Update modules. For example, if you have a 1500 race database for a track and you set the maximum number of races to load into a race list to 300, only 300 races will loaded and it will be quite fast. This does not remove any races from your database. It simply doesn't load them all. It also has no bearing on any Analysis function like an Impact Value Analysis, DB Run Analysis, MRA Pace function, etc. You can also go back and increase this number at any time.

# chapter 9

**print module** The Print Module provides you the capability to print five different reports:

- The Track Profile (*Professional Edition only*)
- The BROHAMER Track Decision Module
- Track Pars (*Professional Edition only*)
- Track Race Shapes (*Professional Edition only*)
- Daily Track Variants (*Professional Edition only*)

The Track Profile and the Track Decision Model are two reports you may want to take to the track. They can help you in your handicapping. The Par, Shapes and Variants reports are there in case you want to see more detailed information.

- 122 Updated information about the Track Profile and Brohamer Track Model**
- 122 How to print the Track Profile**
  - 123 How to read the Track Profile Summary Report**
- 123 How to print the Track Decision Module (Brohamer Compound Pace ratings)**
  - 125 How to read the Track Decision Module**
- 127 How to print the Track Pars**
  - 127 How to read the Track Pars**
- 127 How to print the Race Shapes**
  - 128 How to read the Track Race Shapes**
- 128 How to print the Daily Track Variants**
  - 128 How to read the Daily Track Variants**

## ◆ UPDATED INFORMATION ABOUT THE TRACK PROFILE AND BROHAMER TRACK MODEL

The Track Profile and Brohamer Track Model reports in this Print Module show the profiles and models for all dirt sprints and for all dirt routes and for all turf routes. Beginning with ALL-Ways Version 9 that was introduced in January of 2002, the Track Profile and Brohamer Track Model are both shown on a number of handicapping reports and the data is for races at the same exact distance and surface as the race you are handicapping. The handicapping reports that include the Track Profile and Brohamer Track Model are the Paceline Report, Oddsline Report (Track Profile only), the Brohamer Plus Report and the Track Bias jockey/Trainer Report.

### To get to the Print Module:

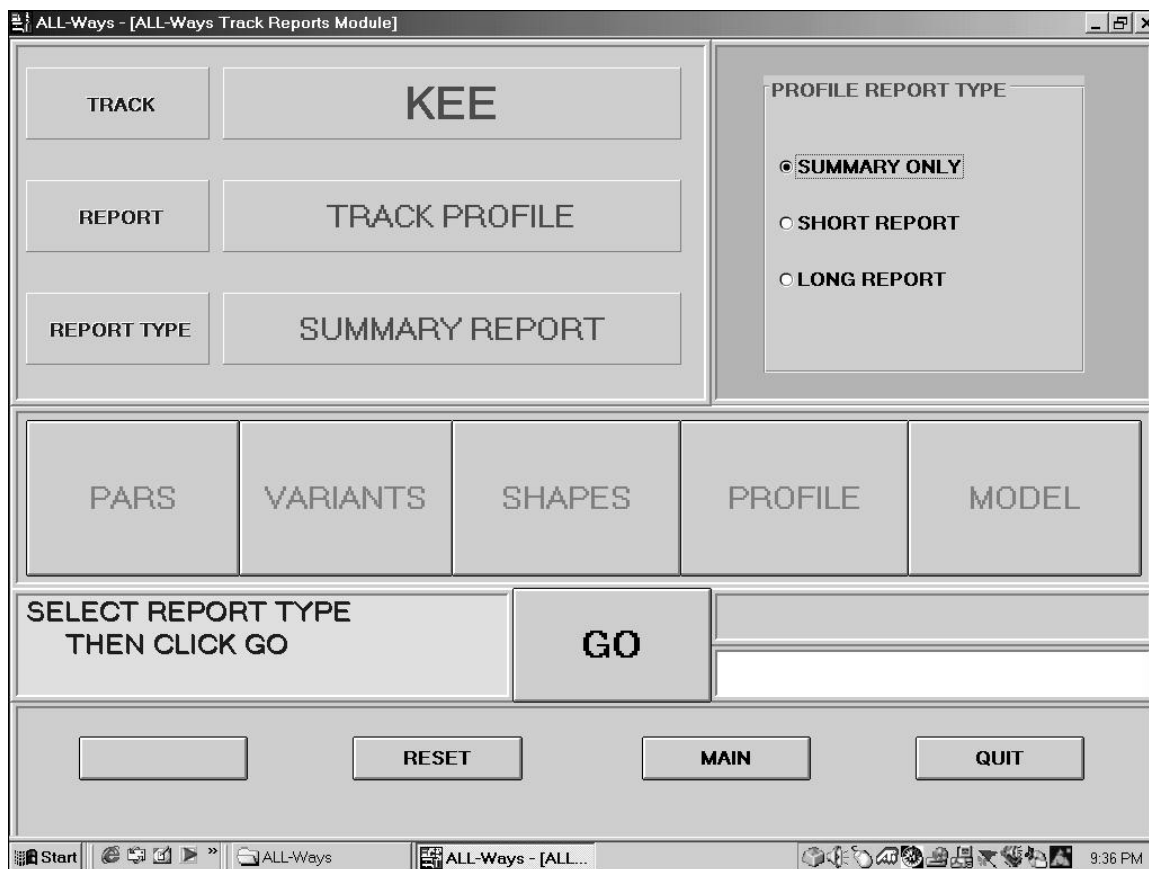
- 1 → Click “PRINT” on the Main Menu

The Print Module screen will now appear as shown in Figure 10.1.

## ◆ HOW TO PRINT THE TRACK PROFILE (*PROFESSIONAL EDITION ONLY*)

You can select one of three formats for the Track Profile:

- **Summary Only:** The Summary report provides, on one page, all you need to know about biases at the track for win horses and for place horses. This is a statistical report and probably the most useful to take to the track.
- **Short Report:** This prints the Summary report and it prints out the last 75 race detail on separate pages for each surface/distance category for both win and place horses.
- **Long Report:** This prints the Summary report and it prints the detail for *all* races in the Race History file.



**Figure 9.1 Print Module (shown prior to printing a Track Profile)**

### To Print the Track Profile:

- 1 → Click “PROFILES” on the Print Menu
- 2 → Enter the 3 character track code when prompted to do so and then click “TRACK OK”
- 3 → Select the report format (Summary, Short or Long)
- 4 → Click “GO”

### How to read the Track Profile Summary report

Refer to Figure 8.2.

The Track Profile displays track biases, if they exist. The report is prepared by ALL-Ways software by looking at the running lines of the winning horses and the horses that placed.

The top half of the Summary report covers win horses. The bottom half covers place horses.

Each half is further divided into 3 parts: **1)** Dirt Sprints; **2)** Dirt Routes; **3)** All Turf Races.

Each of these parts are further divided into three parts: **1)** Last 25 Races; **2)** Last 75 Races (including the previous 25); **3)** All Races (including the previous 75).

The following information is then printed for each of the parts listed above. We will use the winners group of statistics for our example.

- **Running position:** The winners position and lengths behind at each call. This is shown as percentages.
- **Percent Early:** The average percent early energy expended by the winners.
- **ESP Running Style:** The percentage of winners that ran the race in the shape of ESP 1, ESP 2, ESP 3 and ESP 4 running styles.
- **Post Position:** The percentage of winners running from each group of post positions.

### EXAMPLE

You would read the 25 winners dirt sprint group as follows:

“44 percent of the winners lead at the second call. 64 percent of the winners were leading or within 1 length of the leader at the second call. 88 percent of the winners were running no worse than 3rd or no more than 3 lengths off the lead at the second call. Winners, on average, had a 51.96 Percent Early energy expenditure figure. 32 percent of the winners ran the race in an ESP 1 running style. Posts 1 through 8 are fine, but, the outside posts are generally not winning”.

### ◆ HOW TO PRINT THE TRACK DECISION MODEL

The Track Decision Model was devised by Tom Brohamer as a way of helping to apply the compound pace ratings and rankings at each track. It is similar in concept to the Track Profile in that it reveals track biases but the Track Decision Model’s power comes from using it in conjunction with the Brohamer figures.



---

### IMPORTANT

**The data in the Track Decision Model is generated when you enter the race results data in the Results Update Module (see Chapter 6). Only races with race results data are included in the Track Decision Model.**

---

You can select one of two formats to print

- **The Summary report:** This is similar to the Track Profile Summary in that it prints summary statistics. You will want to take this report to the track.
- **The Detail report:** This prints the Summary report *and* it prints the Race Detail for all races in the tracks Race Database. This is another report supplied just for your interest. All you should really need to take to the track is the Summary report.

### To Print The Track Decision Model:

- 1 → Click “MODEL”
- 2 → Enter the 3 character track code when prompted to do so and then click “TRACK OK”
- 3 → Select the report format (summary or long)
- 4 → Click “GO”

### How to read the Track Decision Model

You should read the explanation of the Brohamer Compound Pace Ratings in Appendix B before attempting to use the Track Decision Model. Better yet, you should read either Tom Brohamer’s book Modern Pace Handicapping or the ALL Ways Newsletter articles on handicapping with Brohamer pace figures.

Refer to Figure 10.3

Separate Brohamer Track Decision Models are automatically maintained for inner and main tracks at Aqueduct, Belmont and Saratoga, the only tracks in North America with separate inner and main tracks.

The Track Decision Model Summary is divided into two halves: **1)** win horses; **2)** place horses.

Each half is divided further into 6 parts, one part each for Dirt Sprint, Dirt Routes, Turf Sprints, Turf Routes, Off Track Sprints and Off Track Routes.

Each race type group has three lines: **1)** Last 10 races; **2)** Last 25 Races; **3)** Last 75 Races (or less if there are not 75 races). The BROHAMER Compound Pace **Rankings** are shown for each of the parts listed above. The rankings are shown rounded to two decimal points. They are also shown rounded to whole numbers. By way of explanation, Brohamer ratings are expressed in feet per second velocity. The figures in the Track Decision Model are based on the **ranking** of the horses for the ratings. The highest ranked horses have the highest rating figures.

**NOTE: All race types show the early pace (EP), average pace (AP), sustained pace (SP) and total pace (TOTAL) rankings. The Factor X (FX) ranking is shown only for sprints.**

CDX MAIN TRACK SUMMARY DECISION MODEL  
(SCREENED)

|                       | AVERAGE RANKINGS |      |      |      |       | ROUNDED AVERAGE RANKINGS |    |    |    |       |
|-----------------------|------------------|------|------|------|-------|--------------------------|----|----|----|-------|
|                       | EP               | AP   | SP   | FX   | TOTAL | EP                       | AP | SP | FX | TOTAL |
| 10 WIN DIRT SPRINTS   | 2.90             | 3.10 | 3.50 | 3.00 | 12.80 | 3                        | 3  | 4  | 3  | 13    |
| 25 WIN DIRT SPRINTS   | 2.48             | 2.44 | 3.08 | 2.96 | 10.96 | 2                        | 2  | 3  | 3  | 11    |
| 75 WIN DIRT SPRINTS   | 3.28             | 3.25 | 3.65 | 3.51 | 13.69 | 3                        | 3  | 4  | 4  | 14    |
| 10 WIN DIRT ROUTES    | 3.90             | 2.90 | 2.60 | .00  | 9.40  | 4                        | 3  | 3  |    | 9     |
| 25 WIN DIRT ROUTES    | 4.16             | 3.20 | 2.96 | .00  | 10.32 | 4                        | 3  | 3  |    | 10    |
| 75 WIN DIRT ROUTES    | 3.96             | 3.59 | 3.56 | .00  | 11.11 | 4                        | 4  | 4  |    | 11    |
| 6 WIN TURF SPRINTS    | 3.00             | 3.00 | 3.67 | 3.33 | 13.00 | 3                        | 3  | 4  | 3  | 13    |
| 6 WIN TURF SPRINTS    | 3.00             | 3.00 | 3.67 | 3.33 | 13.00 | 3                        | 3  | 4  | 3  | 13    |
| 6 WIN TURF SPRINTS    | 3.00             | 3.00 | 3.67 | 3.33 | 13.00 | 3                        | 3  | 4  | 3  | 13    |
| 10 WIN TURF ROUTES    | 4.30             | 3.20 | 4.00 | .00  | 11.50 | 4                        | 3  | 4  |    | 12    |
| 25 WIN TURF ROUTES    | 3.32             | 2.52 | 3.20 | .00  | 9.04  | 3                        | 3  | 3  |    | 9     |
| 75 WIN TURF ROUTES    | 3.52             | 2.79 | 3.23 | .00  | 9.53  | 4                        | 3  | 3  |    | 10    |
| 10 WIN OFF SPRINTS    | 3.40             | 4.00 | 3.60 | 3.70 | 14.70 | 3                        | 4  | 4  | 4  | 15    |
| 25 WIN OFF SPRINTS    | 3.44             | 3.80 | 3.88 | 4.24 | 15.36 | 3                        | 4  | 4  | 4  | 15    |
| 44 WIN OFF SPRINTS    | 3.25             | 3.43 | 3.55 | 3.77 | 14.00 | 3                        | 3  | 4  | 4  | 14    |
| 10 WIN OFF ROUTES     | 4.00             | 3.60 | 3.50 | .00  | 11.10 | 4                        | 4  | 4  |    | 11    |
| 25 WIN OFF ROUTES     | 3.52             | 3.28 | 3.20 | .00  | 10.00 | 4                        | 3  | 3  |    | 10    |
| 0 WIN OFF ROUTES      | 3.66             | 3.46 | 3.37 | .00  | 10.49 | 4                        | 3  | 3  |    | 10    |
| 10 PLACE DIRT SPRINTS | 4.30             | 4.10 | 4.00 | 4.00 | 16.40 | 4                        | 4  | 4  | 4  | 16    |
| 25 PLACE DIRT SPRINTS | 4.04             | 4.20 | 4.16 | 4.48 | 16.88 | 4                        | 4  | 4  | 4  | 17    |
| 75 PLACE DIRT SPRINTS | 3.76             | 3.96 | 3.97 | 3.99 | 15.68 | 4                        | 4  | 4  | 4  | 16    |
| 10 PLACE DIRT ROUTES  | 4.00             | 4.20 | 5.40 | .00  | 13.60 | 4                        | 4  | 5  |    | 14    |
| 25 PLACE DIRT ROUTES  | 3.36             | 3.20 | 4.08 | .00  | 10.64 | 3                        | 3  | 4  |    | 11    |
| 75 PLACE DIRT ROUTES  | 3.48             | 3.44 | 3.97 | .00  | 10.59 | 3                        | 3  | 4  |    | 11    |
| 5 PLACE TURF SPRINTS  | 4.60             | 4.20 | 3.60 | 7.00 | 16.40 | 5                        | 4  | 4  | 4  | 16    |
| 5 PLACE TURF SPRINTS  | 4.60             | 4.20 | 3.60 | 7.00 | 16.40 | 5                        | 4  | 4  | 4  | 16    |
| 5 PLACE TURF SPRINTS  | 4.60             | 4.20 | 3.60 | 7.00 | 16.40 | 5                        | 4  | 4  | 4  | 16    |
| 10 PLACE TURF ROUTES  | 4.80             | 4.50 | 4.80 | .00  | 14.10 | 5                        | 4  | 5  |    | 14    |
| 25 PLACE TURF ROUTES  | 4.88             | 4.24 | 3.84 | .00  | 12.96 | 5                        | 4  | 4  |    | 13    |
| 75 PLACE TURF ROUTES  | 4.53             | 3.83 | 3.69 | .00  | 12.05 | 5                        | 4  | 4  |    | 12    |
| 10 PLACE OFF SPRINTS  | 4.40             | 3.90 | 3.70 | 4.50 | 16.50 | 4                        | 4  | 4  | 4  | 16    |
| 25 PLACE OFF SPRINTS  | 3.88             | 3.72 | 4.08 | 4.32 | 16.00 | 4                        | 4  | 4  | 4  | 16    |
| 41 PLACE OFF SPRINTS  | 3.41             | 3.20 | 3.54 | 3.88 | 14.02 | 3                        | 3  | 4  | 4  | 14    |
| 10 PLACE OFF ROUTES   | 4.70             | 3.80 | 3.30 | .00  | 11.80 | 5                        | 4  | 3  |    | 12    |
| 25 PLACE OFF ROUTES   | 3.96             | 3.80 | 3.96 | .00  | 11.72 | 4                        | 4  | 4  |    | 12    |
| 0 PLACE OFF ROUTES    | 3.88             | 3.65 | 3.63 | .00  | 11.15 | 4                        | 4  | 4  |    | 11    |

Figure 9.3 Brohamer Track Decision Model Report

**NOTE:** The whole number total rankings may not cross foot due to rounding.

**NOTE:** ALL-Ways software automatically excludes aberrations that would distort the calculations such as a winning horse with a ranking pattern of 8-8-8 = 24.

When you print the Track Decision Model, you will actually get two different versions of the report.

- Unscreened Report
- Screened Report

The Screened report *excludes* the lowest and the highest class races at the track, the youngest horses at the track and all maiden claiming races. We suggest you use the Unscreened report until you have 15 to 20 races for each race type and then switch to using the Screened report.

### ◆ HOW TO PRINT TRACK PARS (PROFESSIONAL EDITION ONLY)

**To print the Track Pars:**

- 1 → Click “PARS”
- 2 → Enter the 3 character track code and then click “TRACK OK”
- 3 → Click “GO”

---

#### **IMPORTANT**

***This is a very long report (about 80 pages ... 160 pages if your track has an inner track). It will take a long time to print and will use a lot of paper. If you are curious, start the report and click “ABORT” after a short time. Only a few pages will print and you can then decide if you want to print the full report.***

---

#### **How to read the Track Pars**

The Par report is printed in five parts, one part for each of the five age/sex restriction categories (ASR 1-5).

Within each ASR part, the pars are printed for each surface/distance category.

The numbers down the left side ranging from 98 to 128 correspond to BRIS race class ratings.

For each Race Rating, the report shows the average times to each point of call, final time, final fraction time and turn time.

**NOTE:** Proprietary, very sophisticated par smoothing algorithms are used to calculate the pars.

**NOTE:** If the track has an inner track (such as Saratoga and Aqueduct), two complete sets of pars will be printed, one for the outer track and one for the inner track(s).

### ◆ HOW TO PRINT RACE SHAPES (PROFESSIONAL EDITION ONLY)

**To print the Track Race Shapes:**

- 1 → Click “SHAPES”

2 → Enter the 3 character track code when prompted and then click “TRACK OK”

3 → Click “GO”

**How to read the Track Race Shapes report**

All the races in the tracks Race History database will be printed in chronological order. The following information is printed opposite each race:

|                     |                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MO DY YEAR</b>   | The date of the race                                                                                                                                                                                                                                                                                                    |
| <b>RC</b>           | The race number                                                                                                                                                                                                                                                                                                         |
| <b>PACE</b>         | By how many seconds was the time to the second call faster (positive numbers) or slower (negative numbers) than par                                                                                                                                                                                                     |
| <b>FINAL</b>        | By how many seconds was the final time faster (positive numbers) or slower (negative numbers) than par                                                                                                                                                                                                                  |
| <b>SP (shape)</b>   | The first letter is the pace shape. The second letter is the final time shape<br><br><b>F</b> = FAST<br><b>P</b> = PAR<br><b>A</b> = AVERAGE (but slower than par)<br><b>S</b> = SLOW                                                                                                                                   |
| <b>DRF TV DELTA</b> | (ALL-Ways Only) A notation of “FAST VS TV” will be shown if ALL-Ways software has detected that the Daily Track Variant calculated by ALL-Ways software was significantly faster than that shown in the Daily Racing Form. A “SLOW VS TV” is shown if the Daily Track Variant was significantly slower than the DRF TV. |

**◆ HOW TO PRINT THE DAILY TRACK VARIANTS (PROFESSIONAL EDITION ONLY)**

To print the Daily Track Variants:

1 → Click “VARIANTS”

2 → Enter the 3 character track code when prompted and then click “TRACK OK”

3 → Click “GO”

**How to read the Daily Track Variant report**

All the races in the tracks Race History database will be printed in chronological order. The following information is printed opposite each race.

|                        |                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DATE</b>            | The race date                                                                                                                                                                                                                  |
| <b>COND</b>            | The condition of the track where “D” is a dry track and “O” is an off track                                                                                                                                                    |
| <b>1st, 2nd, FINAL</b> | The Daily Track Variant is shown for the first call, the second call and the final time. The variants are shown in seconds with a positive number meaning the track was fast and a negative number meaning the track was slow. |

**NOTE: ALL-Ways software uses very sophisticated algorithms, including multiple days analyses, to arrive at variant numbers.**

# chapter 10

**toolbox module** The Toolbox Module contains many useful functions for managing your valuable data and for hard disk usage.

## **In this Chapter you will learn how to:**

- Unzip race card and results data files downloaded from BRIS
- Backup important files on your hard disk by zipping and writing copies to removable disks or writeable CD ROM's
- Restore backup data by unzipping files back to your had disk
- Delete or undelete an individual race or a range of races in your Race Database
- Delete or undelete individual Handicapping Profiles
- Purge your databases of deleted records
- Delete all file in your FRANDATA folder
- Test all your files in FRANFILE for the current version of ALL-Ways

- 130 How to Unzip BRIS data files**
- 130 How to Zip and back up files**
- 130 How to Unzip and restore backed-up files**
- 132 How to extract a single set of Handicapping Profiles**
- 133 Why and how to delete and undelete records in files**
- 134 How to purge deleted records from files**
- 134 How to empty your FRANDATA folder**
- 134 How to test files for the correct version**

ALL  Ways™

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### **How to get to the Tool box Module:**

- 1 → Click “TOOLBOX” on the Main Menu

The Toolbox screen will appear as shown in Figure 11.1.

### **◆ HOW TO UNZIP BRIS DATA FILES**

You must unzip zipped data files before you can process them in the Par Update, Translate and Results Update Modules.

- 1 → Click “UNZIP”
- 2 → Select “UNZIP ONE DATA FILE” to unzip a single data file in the list, or  
Select “UNZIP ALL DATA FILES” to unzip all data files in the list
- 3 → Click “GOUNZIP”

---

### **Important**

***This process will only unzip files that are in your FRANDATA folder.***

---

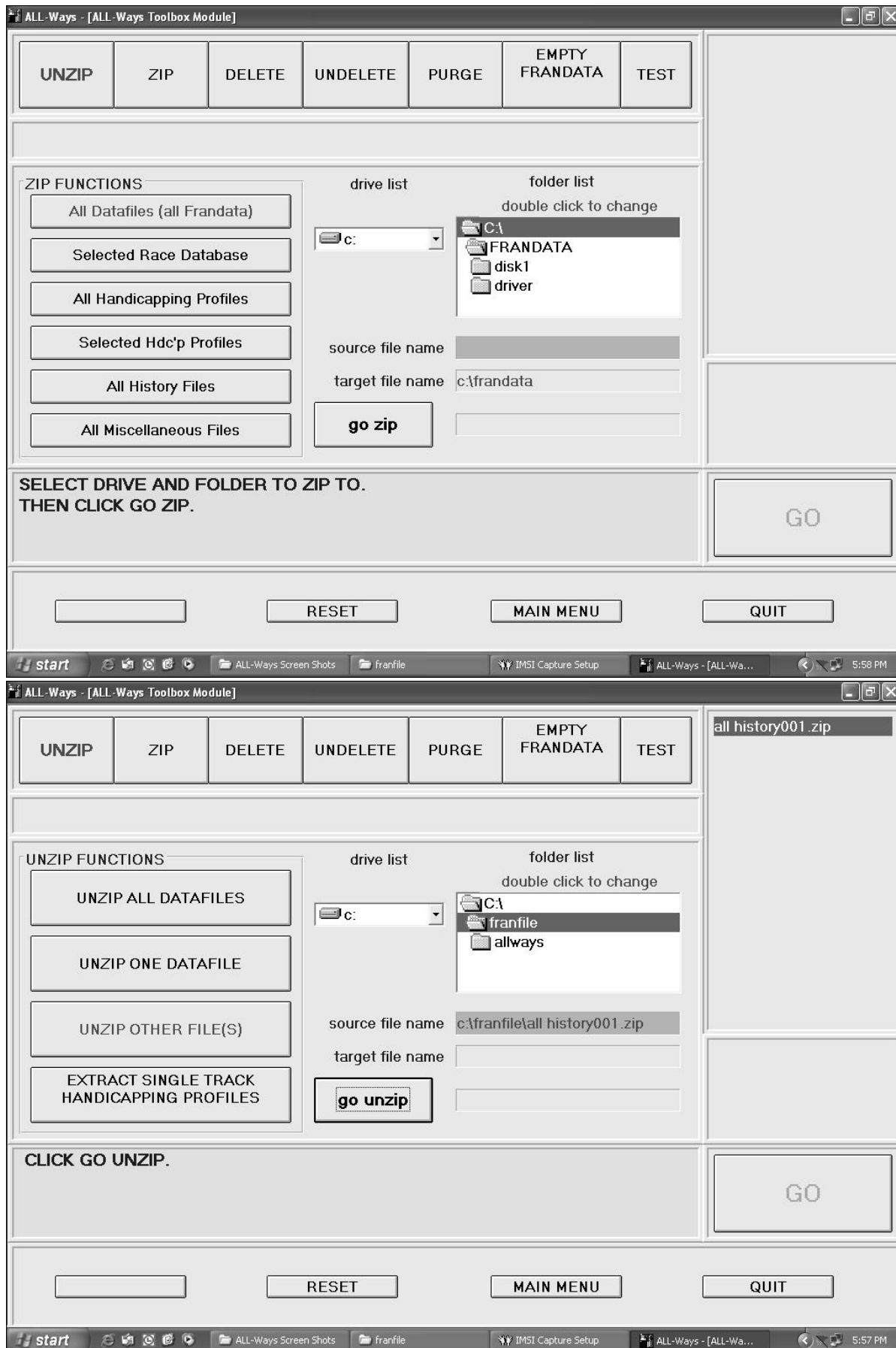
### **◆ HOW TO ZIP AND BACK UP FILES**

- 1 → Click “ZIP”
- 2 → Select one of the following file types to Zip
  - All Data Files (All files in FRANDATA)
  - A Selected Race Database
  - All Handicapping Profiles
  - Selected Handicapping Profiles
  - All History Files
  - All Miscellaneous Files in the FRANFILE folder
- 3 → If you select “A Selected Race Database” or “Selected Handicapping Profiles”, enter the track code when prompted to do so.
- 4 → Set the target “DRIVE” and “FOLDER” to which you want to save the zipped file.  
Make sure you have a disk or CD ROM in the drive.
- 5 → Click “GO ZIP”

**NOTE: Files Zipped by ALL-Ways software are given temporary new file names as shown below under Zipped File Names.**

### **◆ HOW TO UNZIP AND RESTORE BACKED UP FILES**

- 1 → Click “UNZIP”
- 2 → Insert the disk or CD ROM containing the zipped file into the appropriate drive.
- 3 → Set the source “DRIVE” and “FOLDER” from which you want to unzip the backed-up file.  
All Zipped files in the source folder will be displayed in the list.
- 4 → Select the file you want to unzip by clicking on the file name in the list.
- 5 → Click “GO UNZIP”



**Figure 10.1 Toolbox  
(showing the Zip and Unzip functions)**

## How to Unzip and Restore Backed Up Files (continued)

The specified file will now be unzipped and copied into the destination folder shown below:

| Zipped File Names    | Destination Folders | File Types                          |
|----------------------|---------------------|-------------------------------------|
| ALL FRANDATA001.ZIP  | FRANDATA            | Files originating in FRANDATA       |
| XXX RACE DB001.ZIP   | FRANFILE            | Race Database for track xxx         |
| ALL PROFILES001.ZIP  | FRANFILE            | All Handicapping Profile            |
| XXX PROFILES001.ZIP  | FRANFILE            | Handicapping Profiles for track xxx |
| ALL HISTORY001.ZIP   | FRANFILE            | All Race History files              |
| MISC FRANFILE001.ZIP | FRANFILE            | All other files from FRANFILE       |

**NOTE:** Any other zipped file with a .ZIP extension will be unzipped and copied into the Frandata folder. This lets you use the Unzip Function in ALL-Ways to unzip any file that is WinZip compatible.

The miscellaneous files in FRANFILE include the files that hold your Preferences, Communications Module settings, Custom Report definitions (Professional Edition) and \$1 Payoffs list.

When you zip a Race Database for a track, the companion temporary results file (tempres2.xxx) is also zipped and saved.

### ◆ HOW TO EXTRACT A SINGLE SET OF HANDICAPPING PROFILES

If you backed-up all your Handicapping Profiles into one backup file as explained in “How to Zip and Back-up Files” above, you can unzip all the Handicapping Profiles for all tracks by following the instructions in “How to Restore Backed-up Files” above. However, there may be times when you only want to restore the Handicapping Profiles for a single track. Here is how this is done:

- 1 → Click “UNZIP”
- 2 → Select “EXTRACT SINGLE TRACK HANDICAPPING PROFILES”
- 3 → Insert the disk or CD ROM containing the zipped file into the appropriate drive.
- 4 → Set the source “DRIVE” and “FOLDER” from which you want to unzip the backed-up file.  
All Zipped files in the source folder will be displayed in the list.
- 5 → Select the file in the list from which you want to extract a single set of Handicapping Profiles.  
This will cause the “SHOW FILES” button.
- 6 → Click the “SHOW FILES” button.
- 7 → Select the Handicapping Profiles for the specific track from the list.
- 8 → Click “GO EXTRACT”.

The single set of Handicapping Profiles will be unzipped and copied into the FRANFILE folder.

---

### IMPORTANT

***A popular way to back up your ALL-Ways files in the Franfile folder, or to transfer the files from one computer to another, is to use a writable CD ROM. However, the CD ROM software may automatically set the file attributes for such files to “READ ONLY”. This causes an error after these files are restored into the Franfile folder and ALL-Ways tries to update the files. If this happens to you, it is very easy to fix.***

- 1 → **Open the Franfile folder.**
- 2 → **Click EDIT at the top of the Franfile folder window. This will drop down a menu list.**
- 3 → **Choose SELECT ALL. This will highlight all files in the Franfile folder.**
- 4 → **Right mouse click one time on the highlighted files. This will drop down another menu list.**
- 5 → **Select PROPERTIES.**

6 → **Uncheck the READ ONLY checkbox.**

7 → **Click APPLY or OK.**

---

### ◆ **WHY AND HOW TO DELETE AND UNDELETE RECORDS IN FILES**

ALL-Ways software lets you delete records in your Race Database and your Handicapping Profile files. When you delete a race or a profile record, the record doesn't really go away. It is just ignored. This is why you can "UNDELETE" them.

#### **Why delete races in the Race Database**

You will want to delete races that were not run at the track you were handicapping (i.e., simulcast from another track). You may also want to delete races with unusually large payoffs that skew your analysis reports.

---

#### **IMPORTANT**

**Deleting records does not decrease hard disk space usage. To reduce hard disk space used, you must also purge the deleted records from the database. Purging instructions are discussed below.**

---

You can delete and undelete ranges of races instead of just one race at a time. When you start up the Delete or Undelete functions in the Toolbox, you will be asked if you want to work with single races or with ranges of races. If you select the latter, you will then be shown a delete/undelete screen where you will be asked to identify the first and last race of the range you want to delete/undelete.

#### **To delete records:**

- 1 → Click the "DELETE" function
- 2 → Click the file containing the records you want to delete
- 3 → Enter the 3 character track code when prompted and click "TRACK OK"

The records in the database will be displayed in the list

- 4 → Click the record you want to delete
- 5 → Click the "DELETE" button

#### **To undelete records:**

- 1 → Click the "UNDELETE" function
- 2 → Click the file containing the records you want to "undelete"
- 3 → Enter the 3 character track code when prompted and then click "TRACK OK"

The deleted records will be displayed in the list

4 → Click the record you want to “undelete”

5 → Click the “UNDELETE” button

### ◆ HOW TO PURGE DELETED RECORDS FROM FILES

---

#### **IMPORTANT**

***Purging deleted records actually removes them from the database. After you purge records from a database, they are gone forever. You cannot “unpurge” them.***

---

#### **To purge records:**

- 1 → Click the “PURGE” function
- 2 → Click the file you want to purge
- 3 → Enter the 3 character track code when prompted and then click “TRACK OK”
- 4 → Click “GO”

### ◆ HOW TO EMPTY THE CONTENTS OF YOUR FRANDATA FOLDER

ALL-Ways uses two folders in your computer. One is the Frandata folder. This is where you download files from BRIS such as the ALL-Ways Race Card Data Files, the Exotics Results Data Files and the Early Track Data Files. When you process these files in ALL-Ways, the necessary information from these files is extracted and put into the Track History files for each track in North America and into your Race Database for each track that you handicap.

There are two good reasons why you may want to empty Frandata. One is that the files are large and take up a lot of disk space. Second, and perhaps most important, the old files keep showing up in the file lists causing you to scroll through a lot of old files to find the new files you are looking for.

Once you have processed a data file in ALL-Ways, ALL-Ways does not need the data file again. The only reason for keeping these old data files in your Frandata folder is in case you ever need to re-create your Race Database for a track.

The best way to protect your valuable databases in ALL-Ways is to regularly back-up all files in your Franfile folder. A good “rule of thumb” is to back-up Franfile and then empty Frandata. We recommend that this be done about once each month.

If you want to save a Zipped file containing all your old data files in Frandata, you can use the Zip function in the Toolbox to do so. At the end of this process, you will be asked if you want to delete all the files in Frandata. Answering “yes” will do so.

If you do not want to save your old data files in Frandata, simply click the “EMPTY FRANDATA” button in the Toolbox and it will be done.

### ◆ HOW TO TEST FILE FOR THE CORRECT VERSION

When you click the TEST button in the Toolbox Module, ALL-Ways software will set itself up to test every file in your Franfile folder to make sure it is formatted for the version of ALL-Ways that you are using. You will be instructed to quit ALL-Ways and then start.

# appendix a

## ◆ NORTH AMERICAN TRACK CODES

|     |                                 |     |                                           |
|-----|---------------------------------|-----|-------------------------------------------|
| ACX | Agua Caliente, Mexico           | ERD | Erie Downs, Pennsylvania                  |
| AIK | Aiken, South Carolina           | EUR | Eureka Downs, Kansas                      |
| ALB | Albuquerque, New Mexico         | EVD | Evangeline Downs, Louisiana               |
| APX | Arlington Park, Illinois        | FAI | Fair Hill, Maryland                       |
| ARP | Arapahoe Park, Colorado         | FAX | Fairfax, Virginia                         |
| AQU | Aqueduct, New York              | FER | Ferndale, California                      |
| ASD | Assiniboia Downs, Canada        | FEX | Fort Erie, Canada                         |
| ATH | Atlanta, Georgia                | FGX | Fair Grounds, Louisiana                   |
| ATL | Atlantic City, New Jersey       | FHX | Far Hills, New Jersey                     |
| ATO | Atokad Park, Nebraska           | FLX | Finger Lakes, New York                    |
| AVN | Avon-Sugarberry, New York       | FMT | Fair Meadows (Tulsa State Fair), Oklahoma |
| BCF | Brown County Fair, South Dakota | FNO | Fresno, California                        |
| BEL | Belmont Park, New York          | FON | Fonner Park, Nebraska                     |
| BEU | Beulah Park, Ohio               | FOX | Foxboro Park, Massachusetts               |
| BIL | Billings, Montana               | FPX | Fairmount Park, Illinois                  |
| BIR | Birmingham Turf Club, Alabama   | FPX | Fairplex, California                      |
| BMX | Bay Meadows, California         | FTP | Fort Pierre, South Dakota                 |
| BMF | Bay Meadows Fair, California    | FXX | Foxfield, Virginia                        |
| BML | Balmoral Park, Illinois         | GBF | Great Barrington Fair, Massachusetts      |
| BND | Bandera Downs, Texas            | GFX | Great Falls, Montana                      |
| BOI | Boise (Les Bois Park), Idaho    | GGX | Golden Gate, California                   |
| BOW | Bowie, Maryland                 | GIL | Gillespie County Fair, Texas              |
| BRD | Blue Ribbon Downs, Oklahoma     | GLN | Glyndon, Maryland                         |
| CAM | Camden, South Carolina          | GNX | Grand National, Maryland                  |
| CBY | Canterbury Downs, Minnesota     | GPX | Gulfstream Park, Florida                  |
| CDA | Coeur d'Alene, Idaho            | GRD | Greenwood, Canada                         |
| CDX | Churchhill Downs, Kentucky      | GRM | Great Meadows, Virginia                   |
| CEN | Centennial Race Track, Colorado | GRP | Grants Pass, Oregon                       |
| CHA | Charleston, South Carolina      | GSX | Garden State, New Jersey                  |
| CLM | Clemmons, North Carolina        | GTW | Gateway Downs, South Dakota               |
| CLS | Columbus, Nebraska              | GVX | Genesee Valley, New York                  |
| CRC | Calder Race Course, Florida     | HAP | Harbor Park, Washington                   |
| CTX | Charles Town, West Virginia     | HAW | Hawthorne, Illinois                       |
| CWF | Central Wyoming Fair, Wyoming   | HIA | Hialeah Park, Florida                     |
| DAR | Darby Downs, Ohio               | HOL | Hollywood, California                     |
| DED | Delta Downs, Louisiana          | HOU | Sam Houston Race Park, Texas              |
| DEL | Delaware Park, Delaware         | HPX | Hazel Park, Michigan                      |
| DEP | Desert Park, Canada             | JND | Jefferson Downs, Louisiana                |
| DET | Detroit Race Course, Michigan   | JUA | Juarez, Mexico                            |
| DMR | Del Mar, California             | KAM | Kamloops, Canada                          |
| DMF | Del Mar Fair, California        | KEE | Keenland, Kentucky                        |
| DUE | Dueling Grounds, Kentucky       | KEY | Keystone, Pennsylvania                    |
| EDX | Energy Downs, Wyoming           | KIN | Kin Park, Canada                          |
| ELP | Ellis Park, Kentucky            | LSX | Lone Star Park, Texas                     |
| EPX | Exhibition Park, Canada         | LAX | Los Alamitos, California                  |
|     |                                 | LAD | Louisiana Downs, Louisiana                |
|     |                                 | LAM | La Mesa Park, New Mexico                  |
|     |                                 | LAR | Nuevo Laredo, Mexico                      |
|     |                                 | LAT | Latonia, Kentucky                         |
|     |                                 | LEX | Lexington, Kentucky                       |

LIG Ligonier, Pennsylvania  
 LNN Lincoln State Fair, Nebraska  
 LRL Laurel Race Course, Maryland  
 MAL Malvern, Pennsylvania  
 MAS Mason Dixon, Ohio  
 MDX Marquis Downs, Canada  
 MED Meadowlands, New Jersey  
 MEP Metrapark, Montana  
 MEX Mexico City, Mexico  
 MFX Marshfield Fair, Massachusetts  
 MID Middleburg, Virginia  
 MIX Midway Downs, Oklahoma  
 MNR Mountaineer Park, West Virginia  
 MON Monkton, Maryland  
 MOR Morven Park, Virginia  
 MPM Mt. Pleasant, Michigan  
 MTH Monmouth Park, New Jersey  
 MTN Mountaineer Park, West Virginia  
 MTP Montpelier, Virginia  
 NMP Northampton, Massachusetts  
 NPX Northlands Park, Canada  
 OPX Oaklawn Park, Arkansas  
 OXM Oxmoor, Kentucky  
 PEN Penn National, Pennsylvania  
 PHA Philadelphia Park, Pennsylvania  
 PIM Pimlico, Maryland  
 PJX Park Jefferson, South Dakota  
 PLA Playfair, Washington  
 PLN Pleasanton, California  
 PMB Palm Beach, Florida  
 PMT Pine Mountain, Georgia  
 PMX Portland Meadows, Oregon  
 PMF Portland Meadows Fair, Oregon  
 POM Pomona, California  
 PRE Prescott Downs, Arizona  
 PRM Prairie Meadows, Iowa  
 PRO Prospect, Kentucky  
 PWX Percy Warner, Tennessee  
 QBY Queensbury Downs, Canada  
 RAP Rapid City, South Dakota  
 RBX Red Bank, New Jersey  
 RDX River Downs, Ohio  
 REG Regina, Canada  
 RET Retama, San Antonio, Texas  
 RIL Rillito, Arizona  
 RKM Rockingham Park, New Hampshire  
 RPX Remington Park, Oklahoma  
 RUI Ruidoso, New Mexico  
 RWD Rollie White Downs, Texas  
 SAX Santa Anita, California

SAC Sacramento, California  
 SAG Sagebrush Downs, Oregon  
 SAL Salem, Oregon  
 SAN Sandown Park, Canada  
 SAR Saratoga, New York  
 SED Sedalia, Missouri  
 SFE Santa Fe, New Mexico  
 SHX Strawberry Hill, Virginia  
 SJD San Juan Downs, New Mexico  
 SND Sunflower Downs, Canada  
 SOL Solano, California  
 SOP Southern Pines, North Carolina  
 SPT Sportsman's Park, Illinois  
 SRX Santa Rosa, California  
 STK Stockton, California  
 STL St. Louis, Missouri  
 STP Stampede Park, Canada  
 SUD Sun Downs, Washington  
 SUF Suffolk Downs, Massachusetts  
 SUN Sunland Park, New Mexico  
 SWF Sweetwater Fair, Wyoming  
 TAM Tampa Bay Downs, Florida  
 TDN Thistledown, Ohio  
 TIM Timonium, Maryland  
 TPX Turfway Park, Kentucky  
 TRM Trinity Meadows, Texas  
 TRY Tryon, North Carolina  
 TUP Turf Paradise, Arizona  
 UDX Uranium Downs, Colorado  
 UNI Unionville, Pennsylvania  
 VEG Vegreville, Canada  
 WAR Warrenton, Virginia  
 WAT Waterford Park, West Virginia  
 WDS Woodlands, Kansas  
 WOX Woodbine, Canada  
 WRD Will Rogers Downs, Oklahoma  
 WYO Wyoming Downs, Wyoming  
 YMX Yakima Meadows, Washington

# appendix b

## ◆ HANDICAPPING FACTORS QUICK REFERENCE

This appendix provides you with a brief description of each handicapping factor contained in ALL-Ways software. After a short time, you will need to use this Quick Reference only once in a while. While you are “coming up to speed”, however, you will find this Quick Reference to be an important tool in your ALL-Ways software handicapping endeavors. We suggest, when you are getting started, that you bring a copy of this Quick Reference with you to the track.

Many of the handicapping factors in ALL-Ways software are calculated using techniques proprietary to Frandsen Publishing Corporation. We will explain how to interpret the factor but we will not necessarily explain the details of how the calculation was made.

## ◆ SOME INTRODUCTORY INTRODUCTIONS

To avoid repetition later on, we are providing a number of definitions that will apply to several different factors.

**Effort:** This is a value of 0 to 4 (4 being best) given to a horse based on its effort in a past race. On rare occasions the horse may be given a 5.

**Record:** This is a value of 0 to 4 (4 being best) given to a horse, to a jockey or to a trainer based on their past win-place-show performance. On some occasions, the horse, jockey or trainer may be given a bonus point for a total of 5 points.

**Pedigree:** This is a value of 0 to 4 (4 being best) given to a horse based on its pedigree information.

**2/3:** When you see the “2/3” designator, calculations are based on a horse's best 2 out of its last 3 races.

**4/5** When you see the “4/5” designator, calculations are based on the horse's best 4 out of its last 5 races. Recent races are given added weight in the calculation.

**Distance Category:** When you read the term “Distance Category”, it means either a sprint (less than a mile) or a route (one mile or longer).

## ◆ THE MAIN 87 HANDICAPPING FACTORS

### ***Distance factors***

#### **1 → Distance Record**

Rated 0 to 4 based on the horse's record at the **EXACT** distance of today's race.

#### **2 → Distance Effort 2/3**

Rated 0 to 4 (possible 5 with a bonus point) based on the horse's efforts at today's Distance Category.

#### **3 → Distance Switch**

Rated from -1 to +1 (+ = positive, 0 = neutral, -1 = negative) with in-between values as well. If ALL-Ways software believes the horse will benefit from the switch to today's distance category, the horse gets a positive (+) number. Conversely, if ALL-Ways software believes the horse's performance will be hurt by the switch, the horse gets a minus (-) number.

**4 → Length Change**

Rated from -1 to +1 (+1 = positive, 0 = neutral, -1 = negative) with in-between values as well. This is calculated the same as #3 above (positive distance switch) except ALL-Ways software makes its evaluation based on a change in distance within the same distance category ... for example, by a horse stretching out from 6 furlongs to 7 furlongs.

**Surface Factors**

**5 → Dirt Record**

Rated 0 to 4 (4 being best) based on the horses lifetime record on *fast* dirt tracks.

**6 → Dirt Effort 2/3**

Rated 0 to 4 (4 being best with a possible bonus point = 5) based on the horses past efforts on *fast* dirt tracks.

**7 → Turf Record**

Rated 0 to 4 (4 being best) based on the horses lifetime record on the turf.

**8 → Turf Effort 2/3**

Rated 0 to 4 (4 being best with a possible bonus point = 5) based on the horses past efforts on the turf.

**9 → Mud Record**

Rated 0 to 4 (4 being best) based on the horses lifetime record racing on off *dirt* track conditions.

**10 → Mud Effort 2/3**

Rated 0 to 4 (4 being best with a possible bonus point = 5) based on the horses past efforts on off dirt track conditions.

**Form Factors**

**11 → Effort Last**

Rated 0 to 4 (4 being best) based on the horses last race effort (most recent race).

**12 → Effort Last True**

Rated 0 to 4 (4 being best) based on a horses effort in its last race at the same distance category and on the same surface. Off tracks are excluded.

**13 → Effort 2/3**

Rated 0 to 4 (4 being best with possible bonus point = 5) based on a horses performance in past races.

**14 → Recency**

The number of days since the horses last race.

**15 → Days Good**

The number of days since the horses last good race. A good race is a finish in-the-money or within 2 lengths of the winner in sprints or within 3 lengths of the winner in routes.

**16 → HAMBLETON Form Points**

All horses start with 10 points and are given extra points for factors that measure the horses current form. The maximum points a horse can earn is 24. Points are subtracted for certain negative form factors, so a horse can end up with less than 10 points. See the Bibliography for books authored by TOM HAMBLETON that you

## Handicapping Factors Quick Reference (continued)

should read. Also, at the end of this appendix you will find an explanation of the individual elements making up the HAMBLETON Form Points.

### 17→ Workouts

The horses workouts since its last race are examined. Times are adjusted for breezing versus handily, dogs up, etc. Based on the adjusted times, frequency of works, spacing of works and length of works, horses are assigned a workout ranking:

- 2 = Excellent
- 1 = Good
- 0 = Undistinguished Workouts
- 1 = No workout and last race was not recent enough to eliminate the requirement for a workout to prepare for today's race distance.

### 18→ Furlong Days

A measure of how many furlongs a horse has run in its workouts since its last race and the days since its last race. Special adjustments are made for maidens. If the figure is too low, such as .5 or under, it may signal that a horse has not worked enough. A figure over 1.0 may mean a horse was worked too much.

### 19→ WGT BRIS Total

A weighted moving average of the horse's BRIS Total Pace Ratings (early pace rating + speed rating)

### 20→ WGT Hall Total

A weighted moving average of the horse's Hall Total Pace Ratings (early pace rating + speed rating)

## Class figures

### 21→ Back Class

The BRIS Back Class rating which is the horses best class rating for the past 12 months.

### 22→ Race Change

The difference between the race class rating calculated by ALL-Ways software for today's race and the BRIS race class rating for the horses last race. A negative number indicates a class drop. A positive number indicates a class rise.

---

## IMPORTANT

**BRIS race class ratings are more precise than simply comparing claiming prices or comparing conditions of allowance races (NW 1, NW2, etc.). For example: Two \$30,000 claiming races will generally have different BRIS race class ratings. This is because BRIS calculates the race class rating based on the class ratings of the horses that actually ran in the race. The BRIS race class ratings thus become a more precise rating within a general class rating. These ratings will not necessarily correlate with, for example, a rise from a \$30,000 claiming race to a \$40,000 claiming race. Indeed, the BRIS race class ratings may show that a horse appearing to take a rise in class may actually be dropping against the horses actually running in the race. This can provide you with a powerful edge over the general public.**

---

### 23→ Race Good

The highest race class rating of the horse's good races in its last 5 races.

**24→BRIS Class**

The BRIS class rating assigned to this horse based on recent performances.

**25→True Class**

The BRIS class rating assigned to this horse based on recent performances in races run at the same distance category and on the same surface as today's race.

**26→ACL (average competitive level)**

The BRIS class rating assigned to this horse based on recent good performances. Positive numbers indicate the races evaluated were true (i.e., the same distance category and surface as today's race). A number preceded by a minus (-) sign indicates the horse has no recent true races at the same distance category and race surface as today's race. This rating weights the recent races.

**27→Turf Class**

The BRIS class rating assigned to the horse based on its races on the turf.

**28→Mud Class**

The BRIS class rating assigned to the horse based on its races on off dirt tracks.

**29→SCOTT PCR**

This is a very complex calculations developed by WILLIAM SCOTT. This class rating is derived from looking at a horse's last ten past performances and factoring in the size of the fields, the horse's position at the second call, the horse's finish position and a rise or drop in class. See the Bibliography for a list of books authored by WILLIAM SCOTT that you should read.

**SPEED FACTORS:**

**30→SCOTT Last Race Ability Times (lower figures are best)**

A very complex calculation that derives an ability time for each horse in today's race. What makes these figures unique is that they allow for direct horse-to-horse comparisons regardless of distances, surfaces and the tracks on which they ran their last race. Ability times are normalized to 6 furlongs for sprints and 1 1/8 miles for routes. Sixty seconds (60) have been deducted from route times to make it easier to read them. See the Bibliography for books authored by WILLIAM SCOTT that you should read.

**31→BRIS Speed Last**

The BRIS speed rating assigned to the horse based on it's final time in it's last race.

**32→BRIS Speed 2/3**

The BRIS speed rating assigned to the horse based on it's final times in recent races.

---

**IMPORTANT**

***HALL speed and pace ratings are calculated independently from the corresponding BRIS ratings. Also, the HALL ratings relate directly to BRIS race ratings. For example; if today's race rating is 115 and a horse has a HALL rating of 115 or better, it has the ability to run to today's paces.***

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**33→HALL Speed Last**

The HALL speed rating assigned to the horse based on it's final time in it's last race. HALL ratings correlate directly to BRIS race ratings.

### 34→**HALL Speed 2/3**

The HALL speed rating assigned to the horse based on it's final times in recent races. HALL ratings correlate directly to BRIS race and class ratings.

### 35→**SRTV Last (ALL-Ways Only)**

The Daily Racing Forms speed rating plus track variant assigned to the horse based on it's final time in it's last race.

### 36→**Back Speed**

The horses best BRIS Speed Rating during the past 12 months.

### 37→**True Dirt Speed**

The BRIS speed rating assigned to the horse based on the horse's final times in recent races run on fast dirt tracks.

### 38→**Mud Speed**

The BRIS speed rating assigned to the horse based on the horse's final times in races run on an off dirt track.

## **Early Pace Factors**

### 39→**FCP 4/5 (first call position)**

Rated 0 to 4 (4 indicates a strong early pace horse. Possible bonus point = 5) based on the horse's position at the first call in each of it's most recent races. This is a measure of a horses need and ability to lead at the first call. *A low rating is not bad*, it simply means this horse doesn't lead at the first call.

### 40→**QUIRIN Points**

These are the "speed points" assigned to a horse based on WILLIAM QUIRIN's formula for measuring the horses recent performances running fast to the first call. The higher the number, the more likely the horse is to lead at the first call of today's race. See the Bibliography for books authored by WILLIAM QUIRIN that you should read.

### 41→**BRIS Call 1 2/3**

The BRIS first call pace rating assigned to the horse based on its "speed" running to the First Call.

### 42→**BRIS EP 1 2/3**

The BRIS early pace rating assigned to the horse based on it's "speed" running to the second call in it's most recent races.

### 43→**HALL Call 1 2/3**

The Hall first call pace rating assigned to the horse based on its "speed" running to the First Call.

### 44→**HALL EP 2/3**

The HALL early pace rating assigned to the horse based on it's "speed" running to the second call in it's most recent races. HALL ratings correlate directly to BRIS race ratings.

### 45→**True Dirt EP**

The BRIS early pace rating assigned to the horse based on the horses "speed" running to the second call in recent races run on fast dirt tracks.

### 46→**STR GAIN 4/5 (stretch gain performance)**

Rated 0 to 4 (4 being best with possible bonus point = 5) based on the horse's ability to gain in the stretch (or hold it's lead position) in it's recent races. In this case, a low rating is bad because it indicates the horse is not competitive in the stretch run.

**47→STR GAIN 4/5 Distance (stretch gain performance)**

Rated 0 to 4 (4 being best with possible bonus point = 5) based on the horse's ability to gain in the stretch (or hold its lead position) in its recent races at today's distance category.

**48→BRIS FF 2/3**

The BRIS final fraction pace rating assigned to the horse based on its "speed" in the stretch run of its most recent races.

**49→HALL FF 2/3**

The HALL final fraction pace rating assigned to the horse based on its "speed" in the stretch run of its most recent races. HALL ratings correlate directly with BRIS race and class ratings.

**50→True Dirt FF**

The BRIS final fraction pace rating assigned to the horse based on its "speed" in the stretch run of its races on fast dirt tracks.

---

**IMPORTANT**

***Combined 2/3 ratings are not calculated simply by adding the EP 2/3 and final fraction 2/3 ratings. To do so would overstate a horse's combined 2/3 rating. Instead, the calculation is the average of the horse's best 2 out of the last 3 combined pace ratings.***

---

**51→BRIS Combined 2/3**

The BRIS combined pace ratings for its most recent races.

**52→BRIS Total 2/3**

The sum of the Horse's BRIS early pace rating plus speed rating.

**53→BRIS Late 2/3**

The sum of the horse's BRIS final fraction pace rating plus speed rating

**54→HALL Combined 2/3**

The HALL combined pace rating for its most recent races. HALL ratings correlate directly with BRIS race and class ratings.

**55→HALL Total 2/3**

The sum of the horse's Hall early pace rating plus speed rating

**56→HALL Late 2/3**

The sum of the horse's Hall final fraction pace rating plus speed rating

**57→True Dirt CMB**

The horse's BRIS combined pace ratings for races run on fast dirt tracks (early pace plus final fraction)

**58→ESP**

A value of 0 to 4 assigned to a horse to indicate its preferred running style.

0 = No running lines to evaluate (first time starters and foreign horses without a start in North America)

E = Early runner (must have the lead at the second call)

## Handicapping Factors Quick Reference (continued)

EP = Early presser (comfortable either on the lead or running very close to the lead at the second call)

P = Presser (doesn't want the lead or even being too close to the leader. Comfortable laying 4 to 6 length's off the pace)

S = Sustainer (likes to come from way off the pace with a driving finish in the stretch run)

A very good description and evaluation of ESP running styles is included in TOM BROHAMER's book Modern Pace Handicapping. See Bibliography in appendix F.

### 59→Percent Early

This is a calculation of a horse's preferred running style with respect to it's early energy expenditure. A high *percentage* means a horse prefers to run fast early. A low percentage means a horse prefers to run fast late. A very good description and evaluation of early energy is included in TOM BROHAMER's book Modern Pace Handicapping.

## Paceline factors

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### IMPORTANT

***ALL-Ways software selects a specific race out of the horse's last five past performances to use as its paceline. It uses the most recent race run at today's distance category and on the same surface at today's race. It excludes races run on off dirt tracks. If the horse has no such race, then ALL-Ways software uses the horse's last race. It is important to note the paceline code on the handicapping reports. It tells you what race ALL-Ways has chosen as the paceline:***

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T = True (same distance category and surface)

L = Last

# = Number of races back

For Example:

T1 = True last race

L1 = Not true last race

T3 = True race 3 races back

### 60→BRIS Call 1 P/L

The BRIS first call pace rating assigned to the horse for its paceline race.

### 61→BRIS EP P/L

The BRIS early pace rating assigned for the horse's paceline race.

### 62→BRIS FF P/L

The BRIS final fraction pace rating assigned for the horse's paceline race. (Stretch run)

### 63→BRIS Speed P/L

The BRIS speed rating assigned for the horse's paceline race.

### 64→BRIS CMB P/L

The BRIS early pace rating *plus* the BRIS final fraction rating assigned to the horse for it's paceline race.

**65→BRIS Total P/L**

The BRIS total pace rating assigned to the horse for its paceline race.

**66→BRIS Late P/L**

The BRIS late pace rating assigned to the horse for its paceline race.

**67→HALL Call 1 P/L**

The Hall first call pace rating assigned to the horse for its paceline race.

**68→HALL EP P/L**

The HALL early pace rating assigned for the horse's paceline race.

**69→HALL FF P/L**

The HALL final fraction rating assigned for the horse's paceline race. (second call to finish)

**70→HALL Speed P/L**

The HALL speed rating assigned for the horse's paceline race.

**71→HALL CMB P/L**

The HALL early pace rating plus the HALL final fraction rating assigned to the horse for its paceline race.

**72→HALL Total P/L**

The Hall total pace rating assigned to the horse for its paceline race.

**73→HALL Late P/L**

The Hall late pace rating assigned to the horse for its paceline race.

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**IMPORTANT**

***BROHAMER compound pace ratings are all velocity based ratings expressed in feet per second. Please read TOM BROHAMER'S book Modern Pace Handicapping. It is one of the best handicapping books ever written. See the Bibliography in appendix F. The ALL-Ways Newsletters also include a series of articles on handicapping with Brohamer figures.***

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**74→BRO EP (BROHAMER early pace)**

Feet-per-second velocity of the horse up to the second call in its paceline race. This is a measure of the horses early speed.

**75→BRO AP (BROHAMER average pace)**

For Routes: The average feet-per-second velocity of a horse calculated by: (early pace plus sustained pace) divided by 2. For Sprints: The average feet-per-second velocity of a horse calculated by: (1st fraction plus 2nd fraction plus final fraction) divided by 3. This is a measure of a horse's average velocity during the entire race.

**76→BRO SP (BROHAMER sustained pace)**

The average of a horses early pace velocity and its final fraction velocity. It is designed to relate second call position with a horse's finishing ability.

**77→BRO FX (BROHAMER factor X)**

The average of a horse's first fraction velocity and its final fraction velocity.

## Handicapping Factors Quick Reference (continued)

### 78→**BRO Total (BROHAMER total) (Lower is better)**

Lower figures are best. This is a ranking number. For example, if there are 10 horses in today's race, each horse is ranked 1 to 10 (1 is best) for each of the BRO EP, BRO AP, BRO SP and BRO FX figures. Then these rankings are added to arrive at the BRO total ranking. Note that the FX ranking is only included for sprints.

## Other factors

### 79→**Comprehensive**

This is the Total Comprehensive Ratings. This is the sum of the distance, surface, form, class, speed and jockey/trainer ratings. Twenty-two handicapping factors are evaluated to arrive at this rating.

### 80→**BRIS Power**

The BRIS Prime Power rating, an overall comprehensive rating of the horse.

### 81→**Post**

This is the post position assigned to the horse before any scratches.

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## IMPORTANT

***This post position number is not necessarily the same as the track program number. DO NOT PLACE BETS USING THIS POST POSITION NUMBER. You must bet based on the track program numbers contained in the track program.***

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### 82→**Jockey**

Rated 0 to 4 (4 being best with possible bonus point to 5) based on the jockey's record during the past 365 days.

### 83→**Trainer**

Rated 0 to 4 (4 being best with possible bonus point to 5) based on the trainer's record during the past 365 days.

### 84→**Trainer Turf**

Rated 0 to 4 (4 being best with possible bonus point to 5) based on the trainer's record during the past 365 days for turf races only.

### 85→**Turf Pedigree**

Rated 0 to 4 (4 being best) based on ALL-Ways software evaluation of the horse pedigree with respect to it's ability to run in turf races.

### 86→**Mud Pedigree**

Rated 0 to 4 (4 being best) based on ALL-Ways software evaluation of the horse pedigree with respect to it's ability to run on off tracks.

### 87→**First Pedigree**

Rated 0 to 4 (4 being best) based on ALL-Ways software evaluation of the horse pedigree with respect to it's ability to run well in it's first start.

## ◆ OTHER HANDICAPPING FACTORS

### **Quirin Race shapes**

ALL-Ways software assigns a Quirin Race Shape to each of a horse's past performance races. The race shape tells you if the pace was slow (S), average (A), par (P), or fast (F). It also tells you if the final speed of the race was (S), (A), (P), or (F). Note that average (A) is faster than slow (S) but not quite as fast as par (P).

Examples:

- FF Fast early pace; Fast final time (A type of "key race"). Horses exiting this race shape deserve watching)
- FP Fast early pace; Par final time
- PP Par early pace; Par final time
- SA Slow early pace; Average final time

## **IMPORTANT**

**Shapes describe the shape of the race. They do not describe how this particular horse ran in the race.**

### **Win true**

Yes (Y) if the horse has a win at the same distance category and surface as today's race.

### **Good true**

Yes (Y) if the horse ran a good race at the same distance category and surface as today's race. If a horse has a "win true", it automatically gets a "good true" as well.

### **Total pace versus Combined pace**

BRIS and HALL pace figures include both combined pace and total pace ratings.

- Combined Pace: = Early Pace + Final Fraction
- Total Pace: = Early Pace + Speed Rating

### **Hall and BRIS First Call Pace Ratings**

This is the horse's pace rating from the gate to the first call (2 furlongs in sprints and 4 furlongs in routes). Hall and BRIS Early Pace Ratings (EP) are measured from the gate to the second call.

### **BRIS last race rating**

The rating assigned by BRIS for the horses last race.

### **SRTV 2/3 (ALL-Ways Only)**

The average DRF speed rating plus track variant for the horses best 2 out of its last 3 races.

### **HALL form**

## Other Handicapping Factors (continued)

This index is shown on the Form By the Numbers report. This combines the moving class average with the moving speed average of a horse's last 3 races giving added weight to the most recent races. The result is a Form Index. A number over 100 indicates improving form. A number under 100 indicates declining form.

### **HALL turn time**

Turn Time is the 2 to 4 furlong fraction in sprints and the 4 to 6 furlong fraction in routes. This is generally run around at least part of the final turn, hence the name Turn Time. Improving Turn Time often signals improving form.

### **Weighted moving averages**

Weighted moving averages are calculated for HALL speed, HALL combined pace, HALL total pace, HALL turn time and BRIS class. A weighted average looks at four races and gives added weight to the more recent races when calculating the average. The Form By The Numbers handicapping report shows 4 such calculations for each horse and factor.

B1 = Weighted average for 1, 2, 3, 4 races back

B2 = Weighted average for 2, 3, 4, 5 races back

B3 = Weighted average for 3, 4, 5, 6 races back

B4 = Weighted average for 4, 5, 6, 7 races back

### **Hambleton Pace Figures**

Shown on the ALL PACE and PACE PAST PERFORMANCE handicapping reports.

HAMBLETON pace figures are based on a 100 scale. There are three pace figures:

EPR: Early Pace Rating

This is the horses pace rating to the second call which is the 4 furlong mark in sprints and the 6 furlong mark in routes.

FFR: Final Fraction Rating

This is the horses pace rating for how it ran the final fraction (second call to finish).

TPR: This is the horses EPR rating *plus* the horses FFR rating. Note that rounding may cause the TPR to appear one point off.

### **Hambleton form points detail**

|                |                                                                      |
|----------------|----------------------------------------------------------------------|
| <b>REC</b>     | Points for recency                                                   |
| <b>REC BNS</b> | Bonus points for recency                                             |
| <b>CLO</b>     | Points for being up close                                            |
| <b>CLO BNS</b> | Bonus points for being up close                                      |
| <b>TRK</b>     | Points for performance at track                                      |
| <b>DST</b>     | Points for performance at exact distance                             |
| <b>CLS</b>     | Points for performance at class level                                |
| <b>CLS DRP</b> | Points for a class drop                                              |
| <b>2nd 3rd</b> | Points for this being 2nd or 3rd race of career or after long layoff |
| <b>FAV</b>     | Points for being favorite last race                                  |
| <b>WK</b>      | Points from workout analysis                                         |
| <b>NO WIN</b>  | Point deduction for no wins                                          |

## Other Handicapping Factors (continued)

|                 |                                                                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NEG DROP</b> | Point deduction for negative drop (good last race but drop in claiming price or move down to claiming ranks from allowance company or drop from Maiden Special Weight to Maiden Claiming) |
| <b>4 YR RSE</b> | Point deduction for 4 yr. old rising in class ( last race not good but taking a rise in BRIS Race Rating)                                                                                 |
| <b>1st RTE</b>  | Point deduction for first route                                                                                                                                                           |
| <b>1st SPR</b>  | Point deduction for first sprint                                                                                                                                                          |
| <b>HAM TOT</b>  | Total HAMBLETON form points                                                                                                                                                               |
| <b>LO</b>       | Layoff indicator ("L")                                                                                                                                                                    |

# appendix c

## ◆ EXPLANATION OF REPORT HEADINGS

This section explains the headings on all the ALL-Ways software handicapping reports. ALL-Ways software handicapping reports contain a tremendous amount of information and, consequently, some of the report headings are abbreviated. This section serves as a quick reference for you as you are learning to use the reports. In a very little time, you will not need to refer to this reference.

This section does not attempt to explain the various handicapping factors. Explanations of the handicapping factors are included in Appendix “C”.

Before covering the report headings for each report, we will explain the heading that is at the top of every report. We will also explain a number of special codes that are used so they do not have to be explained for every report.

### **Common report headings**

|                  |                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RACE DATE</b> | Date of the race                                                                                                                                              |
| <b>RACE</b>      | Race number                                                                                                                                                   |
| <b>HOST</b>      | Track where the race is actually run if this is a simulcast race                                                                                              |
| <b>TRACK</b>     | Today's track                                                                                                                                                 |
| <b>DIST</b>      | Distance of the race                                                                                                                                          |
| <b>SURF</b>      | Surface of the race (D = dirt, T = turf)                                                                                                                      |
| <b>TYPE</b>      | The type of race                                                                                                                                              |
|                  | G 1-3    Graded Stakes                                                                                                                                        |
|                  | G , N    Non-Graded Stakes                                                                                                                                    |
|                  | T        Starter Handicap                                                                                                                                     |
|                  | A, R    Allowance, Starter Allowance                                                                                                                          |
|                  | C, CO   Claiming, Optional Claiming                                                                                                                           |
|                  | S        Maiden Special Weight                                                                                                                                |
|                  | M        Maiden Claiming                                                                                                                                      |
| <b>ASR</b>       | Age and sex restriction                                                                                                                                       |
|                  | ASR 1 = 3 up male/female and 3 up male only                                                                                                                   |
|                  | ASR 2 = 3 up female only                                                                                                                                      |
|                  | ASR 3 = 2 year old only                                                                                                                                       |
|                  | ASR 4 = 3 year old only males/females and 3 year old only male only                                                                                           |
|                  | ASR 5 = 3 year old only females                                                                                                                               |
| <b>RATING</b>    | The BRIS race rating calculated by ALL-Ways software for this race                                                                                            |
| <b>ESP</b>       | The ESP Race Shape projected by ALL-Ways software for the race based on the individual running styles of the horses in the race according to the chart below. |
| <b>CATEGORY</b>  | Chaos, Contentious or Orderly                                                                                                                                 |

### **Projected running style of the race**

| STYLE | EARLY<br>HORSES | EARLY<br>HORSES | PRESSER<br>HORSES | PRESSER<br>HORSES | SUSTAINER |
|-------|-----------------|-----------------|-------------------|-------------------|-----------|
| EEE   | 3 or more       | Any #           | Any #             | Any #             |           |
| EE    | 2               | Any #           | Any #             | Any #             |           |
| E EP  | 1               | 1 or more       | Any #             | Any #             |           |
| E     | 1               | None            | Any #             | Any #             |           |

## Explanation of Report Headings (continued)

|       |      |           |           |       |
|-------|------|-----------|-----------|-------|
| EP EP | None | 2 or more | Any #     | Any # |
| EP P  | None | 1         | 1 or more | Any # |
| EP    | None | 1         | None      | Any # |
| PP    | None | None      | 2 or more | Any # |
| PS    | None | None      | 1         | Any # |
| S     | None | None      | None      | All   |

### ◆ EXPLANATION OF COMMON FACTORS (TO AVOID REPETITION)

#### Key Horse Notations

- K1 = top ranked Key Horse Candidate
- K2d = 2<sup>nd</sup> ranked Key Horse Candidate. Also a Dual BE-BL qualifier (best early-best late)
- K3 = 3<sup>rd</sup> ranked Key Horse Candidate
- K4 = 4<sup>th</sup> ranked Key Horse Candidate

#### Hall pace and speed ratings

All Hall pace and speed ratings can be compared directly with BRIS Race Ratings. For example, if a horse has a Hall Speed Rating of 115, the horse is capable of running to the speed par time in a race with a BRIS Race Rating of 115.

#### Surface and distance code

The surface/distance code is comprised of two letters. The first letter is the surface and the second letter is the distance. The code are: D = dirt, T = turf, S = sprint, R = route. This translate into the following combinations:

- **DS** Dirt Sprint
- **DR** Dirt Route
- **TS** Turf Sprint
- **TR** Turf Route

#### Favored ESP running style of the horse

The codes for the four classes of preferred running style are:

- **E** Early
- **EP** Early Presser
- **P** Presser
- **S** Sustainer

#### Effort, record and pedigree index

An index of 1 to 4 is assigned for a horse's recent efforts, a horse's or a jockey's or a trainer's record or a horses pedigree. It is also possible for a horse, jockey or trainer to get a bonus point to raise a 4 index to a 5. In all cases, the higher the number the better.

#### Combined versus Total versus late pace ratings

- The Combined pace rating is the Early pace rating plus the Final Fraction pace rating.
- The Total pace rating is the Early pace rating plus the Speed rating.

## Explanation of Common Factors (continued)

- The Late pace rating is the Final Fraction pace rating plus the Speed rating

### **TRUE**

Whenever you see the word “TRUE” it means the rating is based on the past performance race(s) that were run on the same surface as today’s race and the same distance category (i.e. sprint or route) as today’s race.

### **GOOD**

A good race is defined as an in-the-money performance or within 2 lengths of the winner in sprints or within 3 lengths of the winner in routes.

### ◆ **REPORT HEADINGS: ON-SCREEN HANDICAPPING REPORT**

|                      |                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------|
| <b>PG #</b>          | Post or program (saddlecloth) number                                                                 |
| <b>HORSE NAME</b>    | Non-Contenders in black, contenders in red                                                           |
| <b>ODDS</b>          | The oddsline generated by Profile Position #1                                                        |
| <b>COMPREHENSIVE</b> | Comprehensive Ratings                                                                                |
| <b>DS</b>            | Suitability to distance component                                                                    |
| <b>SF</b>            | Suitability to surface component                                                                     |
| <b>FM</b>            | Form component                                                                                       |
| <b>CL</b>            | Class component                                                                                      |
| <b>SP</b>            | Speed component                                                                                      |
| <b>JT</b>            | Jockey/Trainer component                                                                             |
| <b>TOT</b>           | The Total of all the components                                                                      |
| <b>ESP</b>           | The horse’s preferred running style                                                                  |
|                      | E = Early<br>EP = Early Presser<br>P = Presser<br>S = Sustainer                                      |
| <b>PL</b>            | Paceline Notation                                                                                    |
|                      | T = True, L = Last, N = None<br>The number following the ‘T’, ‘L’ or ‘N’ is the number of races back |
| <b>BRIS PACELINE</b> | BRIS Paceline Figures                                                                                |
| <b>C1</b>            | BRIS BRIS Call One Pace Rating                                                                       |
| <b>EP</b>            | BRIS Early Pace Rating                                                                               |
| <b>FF</b>            | BRIS Final Fraction Rating                                                                           |
| <b>SPD</b>           | BRIS Speed Rating                                                                                    |
| <b>CMB</b>           | BRIS EP plus BRIS FF ratings                                                                         |
| <b>SPEED</b>         | Speed ratings that change depending on the race.                                                     |
| <b>BRIS 2/3</b>      | <b>Always shown.</b> Average BRIS Speed Rating of the best two out of the horse’s last three races.  |
| <b>TRU DRT</b>       | <b>Shown only for fast dirt tracks.</b> The horse’s True Dirt Speed rating.                          |
| <b>MUD</b>           | <b>Shown only for off dirt tracks.</b> The horse’s Mud Speed rating.                                 |

## Report Headings: On-Screen Handicapping Report (continued)

|              |                                                                                                                                                                                             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CLASS</b> | Class Ratings that change depending on the race                                                                                                                                             |
| <b>BRIS</b>  | <b>Always shown.</b> The horse's BRIS Class Rating.                                                                                                                                         |
| <b>TRU</b>   | <b>Shown only for fast dirt tracks.</b> The BRIS True Class Rating                                                                                                                          |
| <b>MUD</b>   | <b>Shown only for off dirt tracks.</b> The BRIS Mud Class Rating.                                                                                                                           |
| <b>TRF</b>   | <b>Shown only for turf races.</b> The horse's BRIS Turf Class Rating                                                                                                                        |
| <b>RC^</b>   | The Race Rating change from the horses last race to today's race. A minus (-) means the horse is dropping in Race Rating. A positive number means the horse is rising in Race Rating today. |
| <b>TRUE</b>  |                                                                                                                                                                                             |
| <b>WN</b>    | True or False that the horse has had a win in its last 10 races at today's distance category (i.e., Sprint or Route) and on today's surface (i.e., Dirt or Turf).                           |
| <b>GD</b>    | True or False that the horse has had a Good race in its last 10 races at today's distance and surface.                                                                                      |
| <b>ODDS</b>  | ALL-Ways calculated odds                                                                                                                                                                    |
| <b>ML</b>    | Official Morning Line Odds                                                                                                                                                                  |

### ◆ REPORT HEADINGS: CONTENDER SUMMARY AND EXACTA MATRIX

|                             |                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------|
| <b>PROFILE PICKS</b>        | Win, place, show picks of profiles 1, 2 and 3                                                         |
| <b>COMPREHENSIVE POINTS</b> | Total comprehensive points                                                                            |
| <b>DISTANCE POINTS</b>      | Comprehensive distance component                                                                      |
| <b>SURFACE POINTS</b>       | Comprehensive surface component                                                                       |
| <b>FORM POINTS</b>          | Comprehensive form component                                                                          |
| <b>CLASS POINTS</b>         | Comprehensive class component                                                                         |
| <b>SPEED POINTS</b>         | Comprehensive speed component                                                                         |
| <b>JOCK/TRAIN POINTS</b>    | Comprehensive Jockey/Trainer component                                                                |
| <b>BRIS PWR</b>             | BRIS prime power rating                                                                               |
| <b>ESP</b>                  | Horses preferred ESP running style (E, EP, P, S)                                                      |
| <b>PERCENT EARLY</b>        | Horses preferred early energy expenditure                                                             |
| <b>PACELINE (HALL-BRIS)</b> | Paceline Code T = True, L = Last, # = Number Back                                                     |
| <b>CALL ONE</b>             | Hall then BRIS first call pace rating                                                                 |
| <b>Q</b>                    | Quirin Speed points                                                                                   |
| <b>EP</b>                   | HALL then BRIS early pace rating                                                                      |
| <b>(BEST)</b>               | In parenthesis:<br>Best Hall EP rating of all ESP E horses<br>Best BRIS EP rating of all ESP E horses |
| <b>FF</b>                   | HALL then BRIS final fraction pace ratings                                                            |
| <b>SPEED</b>                | HALL then BRIS speed rating                                                                           |
| <b>COMBINED</b>             | HALL then BRIS combined pace rating                                                                   |
| <b>BROHAMER TOTAL</b>       | BROHAMER Total Ranking                                                                                |
| <b>2 of 3 (HALL -BRIS)</b>  |                                                                                                       |
| <b>CALL ONE 2 of 3</b>      | Hall then BRIS best 2 out of last 3 first call pace rating                                            |
| <b>EP 2 of 3</b>            | HALL then BRIS best 2 out of last 3 early pace rating                                                 |
| <b>FF 2 of 3</b>            | HALL then BRIS best 2 out of last 3 final fraction pace rating                                        |
| <b>Speed 2 of 3</b>         | HALL then BRIS best 2 out of last 3 speed rating                                                      |
| <b>Combined 2 of 3</b>      | HALL then BRIS best 2 out of last 3 combined pace rating                                              |

## Report Headings: Contender Summary and Exacta Matrix (continued)

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| <b>LAST SPEED</b>      | HALL THEN BRIS SPEED RATING FOR LAST RACE                                               |
| <b>DISTANCE</b>        |                                                                                         |
| <b>LIFE EX</b>         | Life record at <u>EXACT</u> distance                                                    |
| <b>ST</b>              | Number of starts                                                                        |
| <b>WN</b>              | Win percent                                                                             |
| <b>ITM</b>             | In The Money percent                                                                    |
| <b>LAST 10</b>         | Record for distance category in last 10 races                                           |
| <b>ST</b>              | Number of starts                                                                        |
| <b>WN</b>              | Win percent                                                                             |
| <b>GD</b>              | Good race percent                                                                       |
| <b>SURFACE</b>         | Dirt or Turf                                                                            |
| <b>LIFE</b>            | Lifetime record on the surface                                                          |
| <b>ST</b>              | Number of starts                                                                        |
| <b>WN</b>              | Win percent                                                                             |
| <b>ITM</b>             | In The Money percent                                                                    |
| <b>LAST 10</b>         | Record on the surface in the last 10 races                                              |
| <b>ST</b>              | Number of starts                                                                        |
| <b>WN</b>              | Win percent                                                                             |
| <b>GD</b>              | Good race percent                                                                       |
| <b>TRUE DIRT SPEED</b> | BRIS speed on FAST dirt track (dirt races only)                                         |
| <b>TURF CLASS</b>      | BRIS turf class rating (turf races only)                                                |
| <b>WIN TRUE</b>        | Horse has won at today's distance/surface category (yes/no)                             |
| <b>GOOD TRUE</b>       | Horse has run a good race at today's distance/surface category (yes/no)                 |
| <b>FORM</b>            |                                                                                         |
| <b>DAYS AGO</b>        | Days since last race                                                                    |
| <b>DAYS GOOD</b>       | Days since last good race                                                               |
| <b>HAM POINTS</b>      | HAMBLETON form points                                                                   |
| <b>STR GN</b>          | Index: Stretch gain performance                                                         |
| <b>STR GN DIST</b>     | Index: Stretch gain performance at same distance category                               |
| <b>WORKOUT</b>         | Index: Analysis of workouts since last race<br>(length of workout, seconds per furlong) |

**NOTE:** If you see a notation "NEG DROP" it means the horse had a good race last time out but is dropping in claiming price today or moving from allowance company to the claiming ranks or from maiden special weight to maiden claiming.

**NOTE:** If you see a notation "4 UP" it means the horse is four years old or older, did not win its last race but is rising in BRIS race class rating today. This is a negative situation.

### CLASS

|             |                                                                             |
|-------------|-----------------------------------------------------------------------------|
| <b>BRIS</b> | BRIS class rating                                                           |
| <b>TRUE</b> | BRIS true class rating                                                      |
| <b>GOOD</b> | Highest BRIS class rating for the horses good races (* means highest tried) |

## Report Headings: Contender Summary and Exacta Matrix (continued)

### RACE CHANGE

Today's race rating minus race rating of horses last race (+ is rise, - is drop)

### WEIGHT

Today's weight assignment for the horse

## ◆ EXACTA MATRIX

Shows horse's names and post positions across the top (horizontal horse). Shows horses names and oddslines (for Handicapping Profile 1) down the side. Each cell in the matrix shows the fair Exacta payoff and the 50% premium payoff you should demand for a value bet. Each cell represents a "straight \$2.00 Exacta bet" (i.e., the vertical horse over the horizontal horse).

### Key Horse Notations

- K1 = top ranked Key Horse Candidate
- K2d = 2<sup>nd</sup> ranked Key Horse Candidate. Also a Dual BE-BL qualifier (best early-best late)
- K3 = 3<sup>rd</sup> ranked Key Horse Candidate
- K4 = 4<sup>th</sup> ranked Key Horse Candidate

## ◆ NOTATIONS ON THE CONTENDER SUMMARY REPORT

Note that these notations are also shown for horses on the Dangerous Non-Contender List.

### Last Race

Directly under the last race speed figures you will see a line that looks something like DS/FT/SP/3. This notation is divided into four parts: **1)** surface and distance category where D = dirt, T = turf, S = sprint, R = route; **2)** track condition; **3)** race shape; **4)** finish position. This notation quickly tells you the surface, distance, track condition, Quirin Race Shape and finish position of the horse in its last race.

### Jockey/Trainer

The notation is shown only if there is a favorable or unfavorable statistic for the jockey or trainer. The format is: (JabcTxyz). Plus (+) is favorable. Minus (-) is unfavorable. The notation is shown above the jockey's name. A blank space indicates neither favorable or unfavorable.

- J a: The jockey's 14 day record
- J b: The jockey's record on this horse's running style
- J c: Plus (+) if the jockey has had a good race on this horse
  
- T x: The trainer's 14 day record
- T y: Trainer stat category #1
- T z: Trainer stat category #2

### ESP Bias

The notation is shown only if there is a positive or negative bias for the horse's running style. The format is (W#xx). The notation is shown opposite the horse's ESP running style.

- W: "W" indicates the notation is based on the weeks statistics. "M" indicates the notation is based on the meet statistics.
- #: The number of races used for the statistics.
- xx: ++ for very favorable
- + for slightly favorable
- for slightly unfavorable
- for very unfavorable

## Notations on the Contender Summary Report (continued)

Note that the weeks stats are used if there are at least six races of the race type used in the stats. Otherwise, the stats for the current meet are used.

### Post Position Bias

The notation is shown only if there is a positive or negative bias for the horses post position. The format is (W#xx) and it is interpreted exactly the same as the ESP Bias notation as described above. The notation is shown opposite the horses Post Position number.

### Lasix and Blinkers Status

This notation is shown only if there is important lasix information or if there is a change in the use of blinkers. The format is (Lx ON/OFF). The notation is shown opposite the horses weight carried. Note that the lasix and blinker status is shown for all horses on the Past Performance handicapping report.

#### Lasix

- L1: First time lasix
- L2: Second time lasix (if the horse has two or more past performance races)
- L3: Third time lasix (if the horse has three or more past performance races)
- LC: Continuing lasix
- LO: Coming off of lasix (lasix in last race and no lasix today)
- LR: Returning to lasix (no lasix in last race and on lasix today)
- na: Lasix information not available (sometimes BRIS does not have the lasix information when you download the race card file.)

#### Blinkers

- ON: Blinkers on
- OFF: Blinkers off
- nc: No change in blinkers status

### ◆ EXAMPLE

Refer to the Contender Summary and the Bias - Jockey/Trainer reports for the 10th race at Gulfstream Park on January 6th. Here is how you interpret the notations.

Menke is ridden by Bailey. Bailey has a plus rating for his last 14 days and has a plus rating for his ability to ride ESP S horses but he has not had a good race on Menke. The trainer for Menke has no positive or negative performance characteristics. The Vid is ridden by McCauley. McCauley has had just an average last 14 days and average performance on ESP P horses. However, he has had a good race on The Vid. The trainer for The Vid has a plus rating for the last 14 days and plus ratings for both performance categories related to The Vid and today's race. If you look at the Bias-Jockey/Trainer report we see that the trainer does well with horses that have been away from 31 to 90 days and horses coming back after a win.

We see that Menke, who was selected as the first pick, is fighting a very negative ESP bias against ESP S type runners based on the 33 races run this meet. A look at the Bias - Jockey/Trainer report tells us that the statistics are based on 8.5 furlong races. On the other hand, The Vid will be aided by a very positive bias in favor of an ESP running style.

Looking at the Turf Class line, we see that Dove Hunt does not have a Turf Class rating. However, he has an outstanding turf trainer with the top Trainer Turf Rating possible (5), a powerful turf pedigree (4) and that the offspring of Dove Hunt's sire win their first turf races 24% of the time. This is a powerful indicator that Dove Hunt is one to be considered today.

Looking at the post bias situation, we see that Menke has a slightly favorable post bias and that the other contenders have neither a favorable or unfavorable post bias.

# CONTENDER SUMMARY AND EXACTA MATRIX

JAN 06 RACE: 10 TRACK: GPX DIST: 1 1/16 mile SURF: T TYPE: G ASR: 1 RATING: 118.5 ESP: E

|               |           |           |           |             |             |
|---------------|-----------|-----------|-----------|-------------|-------------|
| HORSE NAME    | MECKE     | THE VID   | DOVE HUNT | HOMING PIGE | PROPER TEXA |
| PROFILE PICKS | ( 1 1 1 ) | ( 2 2 2 ) | ( 3 3 0 ) | ( 0 0 3 )   | ( 0 0 0 )   |

|                      |            |             |            |           |            |
|----------------------|------------|-------------|------------|-----------|------------|
| COMPREHENSIVE POINTS | 37         | 36          | 26         | 28        | 28         |
| DISTANCE POINTS      | 4          | 4           | 4          | 6         | 6          |
| SURFACE POINTS       | 8          | 8           | 7          | 10        | 10         |
| FORM POINTS          | 4          | 4           | 1          | 3         | 6          |
| CLASS POINTS         | 8          | 4           | 2          | 2         | 0          |
| SPEED POINTS         | 9(J++ T )  | 6(J +T+++)  | 2(J + T +) | 1(J+ T )  | 1(J +T )   |
| JOCK/TRAIN POINTS    | 4 BAILEY J | 10 MCCAULEY | 10 DAY P   | 6 DAVIS R | 5 RIVERA J |

|               |             |             |             |             |             |
|---------------|-------------|-------------|-------------|-------------|-------------|
| ESP           | S (M 33 --) | P (M 33 ++) | P (M 33 ++) | S (M 33 --) | P (M 33 ++) |
| PERCENT EARLY | 50.86       | 50.47       | 50.51       | 49.50       | 50.92       |

|                      |         |         |         |         |       |
|----------------------|---------|---------|---------|---------|-------|
| PACELINE (HALL-BRIS) | T1      | T1      | T1      | T1      | T1    |
| EP(BEST: 123 87 )    | 117 0   | 126 92  | 93 115  | 103 85  | 0 88  |
| FF                   | 122 95  | 126 101 | 106 77  | 127 104 | 0 90  |
| SPEED                | 120 106 | 126 102 | 99 98   | 114 98  | 0 90  |
| COMBINED             | 239 0   | 252 193 | 199 192 | 230 189 | 0 178 |
| BROHAMER TOTAL       | 16      | 6       | 13      | 12      |       |

|                    |         |         |         |         |         |
|--------------------|---------|---------|---------|---------|---------|
| 2 OF 3 (HALL-BRIS) |         |         |         |         |         |
| EP 2 OF 3          | 126 94  | 124 102 | 109 108 | 98 88   | 124 90  |
| FF 2 OF 3          | 126 114 | 118 98  | 120 94  | 126 106 | 126 92  |
| SPEED 2 OF 3       | 123 108 | 122 104 | 115 102 | 110 100 | 119 92  |
| COMBINED 2 OF 3    | 245 198 | 242 195 | 230 198 | 223 193 | 238 180 |

|            |            |            |            |            |           |
|------------|------------|------------|------------|------------|-----------|
| LAST SPEED | 120 106    | 126 102    | 230 198    | 223 193    | 238 180   |
|            | TR/FM/PP/2 | TR/FM/PP/1 | TR/SF/SS/4 | TR/YL/PP/1 | TR/FM/ /1 |

|                   |             |            |            |            |            |
|-------------------|-------------|------------|------------|------------|------------|
| DISTANCE          |             |            |            |            |            |
| LIFE EX ST-WN-ITM | 1 100% 100% | 6 33% 67%  | 6 67% 67%  | 5 60% 60%  | 4 75% 100% |
| LIFE 10 ST-WN-GD  | 10 10% 80%  | 10 40% 70% | 10 60% 70% | 10 60% 80% | 8 38% 63%  |
| DISTANCE SWITCH   | .0          | .0         | .0         | .0         | .0         |
| LENGTH CHANGE     | -.7         | .0         | .3         | .0         | .0         |

|                  |           |            |             |            |           |
|------------------|-----------|------------|-------------|------------|-----------|
| SURFACE: TURF    |           |            |             |            |           |
| LIFE ST-WN-ITM   | 8 25% 75% | 21 43% 76% | 17 53% 65%  | 13 46% 69% | 6 50% 83% |
| LAST 10 ST-WN-GD | 5 9% 100  | 9 44% 67%  | 10 60% 70%  | 10 60% 80% | 6 50% 83% |
| TURF CLASS       | 122.3     | 120.7      | (T5/P4/24%) | 120.1      | 117.2     |

|           |   |   |   |   |   |
|-----------|---|---|---|---|---|
| WIN TRUE  | N | Y | Y | Y | Y |
| GOOD TRUE | Y | Y | Y | Y | Y |

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| FORM        |     |     |     |     |     |
| DAYS AGO    | 21  | 42  | 70  | 55  | 19  |
| DAYS GOOD   | 21  | 42  | 126 | 55  | 19  |
| HAM POINTS  | 17  | 18  | 16  | 13  | 16  |
| STR GN      | 4.2 | 2.8 | 2.8 | 5.0 | 3.8 |
| STR GN DIST | 4.2 | 2.8 | 2.8 | 5.0 | 3.8 |
| WORKOUT     | 1   | 2   | 2   | 1   | 1   |

|             |        |       |        |       |       |
|-------------|--------|-------|--------|-------|-------|
| CLASS       |        |       |        |       |       |
| BRIS        | 122.8  | 120.5 | 120.9  | 119.9 | 117.2 |
| TRUE        | 122.9  | 120.0 | 119.8  | 120.7 | 117.2 |
| GOOD        | 119.7* | 120.1 | 120.8* | 118.3 | 116.7 |
| RACE CHANGE | -.8    | 1.4   | -1.7   | .4    | 2.8   |

|        |     |     |     |     |     |
|--------|-----|-----|-----|-----|-----|
| WEIGHT | 118 | 122 | 120 | 115 | 113 |
|--------|-----|-----|-----|-----|-----|

|  |            |         |           |             |             |
|--|------------|---------|-----------|-------------|-------------|
|  | 3 (M 33 +) | 12      | 9         | 5           | 8           |
|  | MECKE      | THE VID | DOVE HUNT | HOMING PIGE | PROPER TEXA |

|       |   |            |    |    |    |    |    |    |     |     |
|-------|---|------------|----|----|----|----|----|----|-----|-----|
| MECKE | 3 | XXXXXXXXXX | 22 | 33 | 28 | 42 | 32 | 48 | 132 | 198 |
| 2-1   |   | XXXXXXXXXX |    |    |    |    |    |    |     |     |

|         |    |    |    |            |    |    |    |     |     |     |
|---------|----|----|----|------------|----|----|----|-----|-----|-----|
| THE VID | 12 | 27 | 40 | XXXXXXXXXX | 63 | 94 | 72 | 108 | 297 | 446 |
| 9-2     |    |    |    | XXXXXXXXXX |    |    |    |     |     |     |

|           |   |    |    |    |    |            |    |     |     |     |
|-----------|---|----|----|----|----|------------|----|-----|-----|-----|
| DOVE HUNT | 9 | 36 | 54 | 66 | 99 | XXXXXXXXXX | 96 | 144 | 396 | 594 |
| 6-1       |   |    |    |    |    | XXXXXXXXXX |    |     |     |     |

|               |   |    |    |    |     |    |     |            |     |     |
|---------------|---|----|----|----|-----|----|-----|------------|-----|-----|
| HOMING PIGEON | 5 | 42 | 63 | 77 | 116 | 98 | 147 | XXXXXXXXXX | 462 | 693 |
| 7-1           |   |    |    |    |     |    |     | XXXXXXXXXX |     |     |

|              |   |     |     |     |     |     |     |     |     |            |
|--------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| PROPER TEXAN | 8 | 192 | 288 | 352 | 528 | 448 | 672 | 512 | 768 | XXXXXXXXXX |
| 32-1         |   |     |     |     |     |     |     |     |     | XXXXXXXXXX |

## Contender Summary and Exacta Matrix

# TRACK BIAS AND JOCKEY/TRAINER REPORT

JAN 06 RACE: 10 TRACK: GPX DIST: 1 1/16 mile SURF: T TYPE: G ASR: 1 RATING: 118.5 ESP: E

## PACE POSITION AND SPEED BIAS

|       | DISTANCE | START | END   | RACES | SPEED BIAS % | WIRE % | ABL CALL 1 | ABL CALL 2 |
|-------|----------|-------|-------|-------|--------------|--------|------------|------------|
| WEEK: | 8.5f     | 01/03 | 01/04 |       | .00          | .00    | .00        | .00        |
| MEET: | 8.5f     | 01/04 | 03/16 | 33    | 39.40        | 21.21  | 3.47       | 2.25       |

## RUNNING STYLE BIAS

|       | *****PLUS STATUS***** |    |    |   | *****PLUS STATUS***** |       |       |       | *****PLUS STATUS***** |     |      |     |
|-------|-----------------------|----|----|---|-----------------------|-------|-------|-------|-----------------------|-----|------|-----|
|       | E                     | EP | P  | S | E                     | EP    | P     | S     | E                     | EP  | P    | S   |
| WEEK: |                       |    |    |   | .00                   | .00   | .00   | .00   | .00                   | .00 | .00  | .00 |
| MEET: | +                     |    | ++ |   | 27.27                 | 12.12 | 45.45 | 15.15 | 1.37                  | .65 | 1.29 | .50 |

## POST POSITION BIAS

|       | *****PLUS STATUS***** |     |     |    | *****PLUS STATUS***** |       |       |      | *****PLUS STATUS***** |      |     |     |
|-------|-----------------------|-----|-----|----|-----------------------|-------|-------|------|-----------------------|------|-----|-----|
|       | RAIL                  | 1-3 | 4-7 | 8+ | RAIL                  | 1-3   | 4-7   | 8+   | RAIL                  | 1-3  | 4-7 | 8+  |
| WEEK: |                       |     |     |    | .00                   | .00   | .00   | .00  | .00                   | .00  | .00 | .00 |
| MEET: |                       | +   |     |    | 9.09                  | 12.12 | 13.13 | 6.78 | .85                   | 1.13 | .93 | .95 |

## TRACK PROFILE AND BROHAMER TRACK MODEL FOR WIN AND PLACE

PROFILE for 100 races: 1 1/16 mile on turf course.MODEL for 50 races: 1 1/16 mile on turf course.

|                    | 1st CALL PROFILE |    |    |    |    | 2nd CALL PROFILE |    |    |    |    | PERCENT EARLY |        |      | *** TRACK MODEL *** |     |     |     |      |
|--------------------|------------------|----|----|----|----|------------------|----|----|----|----|---------------|--------|------|---------------------|-----|-----|-----|------|
|                    | 1                | 2  | 3  | 4  | 5  | 1                | 2  | 3  | 4  | 5  | LOW           | MEDIAN | HIGH | EP                  | AP  | SP  | FX  | TOT  |
| WIN POSITION %     | 28               | 7  | 14 | 13 | 14 | 24               | 28 | 13 | 18 | 8  | 18            | 15     | 49.1 | 3.2                 | 2.7 | 2.8 | 0.0 | 8.7  |
| WIN BEATEN LEN %   | 35               | 14 | 16 | 7  | 13 | 15               | 43 | 20 | 15 | 4  | 8             | 10     | 49.9 | 2.7                 | 2.8 | 2.8 | 0.0 | 8.7  |
| PLACE POSITION %   | 10               | 18 | 14 | 12 | 9  | 37               | 14 | 21 | 13 | 20 | 11            | 21     | 49.2 | 3.8                 | 3.1 | 3.2 | 0.0 | 10.1 |
| PLACE BEATEN LEN % | 20               | 20 | 13 | 8  | 10 | 29               | 33 | 16 | 14 | 17 | 11            | 9      | 50.1 | 3.1                 | 3.2 | 3.2 | 0.0 | 10.1 |

## JOCKEY AND TRAINER STATISTICS

| POST | HORSE NAME    | ESP | PL | **2ND CALL | EP* | HALL BRIS | JOCKEY  | STS | WIN | ITM | ROI   | GD | DX | TRAINER         | STATS | WIN | ITM | ROI   | DX | DX | TF |
|------|---------------|-----|----|------------|-----|-----------|---------|-----|-----|-----|-------|----|----|-----------------|-------|-----|-----|-------|----|----|----|
| 1    | MONTREAL RED  | P   | T1 | P/L        | 90  |           | 14 DAYS | 40  | 30% | 50% | -.13  | Y  | 5  | 14 DAYS         | 381   | 12% | 40% | -.66  | 2  | 3  |    |
|      |               |     |    | 2/3        | 110 | 94        | w/ESP   | 93  | 12% | 40% | -.57  |    |    | 2nd grass race  | 56    | 5%  | 38% | -1.58 |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Turf starts     | 479   | 17% | 45% | -.22  |    |    |    |
| 2    | CLINT ESSENT  | P   | T1 | P/L        | 91  |           | 14 DAYS | 29  | 7%  | 31% | -.86  | Y  | 3  | 14 DAYS         | 72    | 14% | 44% | -.64  | 3  | 5  |    |
|      |               |     |    | 2/3        | 110 | 94        | w/ESP   | 161 | 19% | 46% | -.38  |    |    | Wnr last race   | 33    | 18% | 39% | .18   |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Turf starts     | 60    | 23% | 53% | 1.17  |    |    |    |
| 3    | MECKE         | S   | T1 | P/L        | 117 |           | 14 DAYS | 21  | 33% | 67% | 1.31  | N  | T  | 14 DAYS         | 560   | 12% | 46% | -.80  | 2  | 1  |    |
|      |               |     |    | 2/3        | 125 | 94        | w/ESP   | 208 | 26% | 52% | -.05  |    |    | Turf starts     | 164   | 9%  | 35% | -.76  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Btn favorite    | 166   | 19% | 49% | -.07  |    |    |    |
| 5    | HOMING PIGEON | S   | T1 | P/L        | 103 | 85        | 14 DAYS | 17  | 24% | 41% | .25   | N  | 3  | 14 DAYS         | 610   | 14% | 41% | -.54  | 2  | 3  |    |
|      |               |     |    | 2/3        | 98  | 88        | w/ESP   | 267 | 15% | 48% | -.05  |    |    | 30-90 days away | 315   | 13% | 4%  | -.25  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Shipper         | 251   | 12% | 36% | -.14  |    |    |    |
| 6    | OLDER BUT SM  | P   | T1 | P/L        | 109 | 84        | 14 DAYS | 30  | 13% | 67% | -.60  | N  | 2  | 14 DAYS         | 301   | 18% | 42% | -.51  | 5  | 5  |    |
|      |               |     |    | 2/3        | 112 | 98        | w/ESP   | 208 | 17% | 43% | -.42  |    |    | 90+ days away   | 77    | 21% | 48% | -.51  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Shipper         | 261   | 23% | 52% | -.09  |    |    |    |
| 7    | BRAZANY       | S   | T1 | P/L        | 105 | 89        | 14 DAYS | 41  | 27% | 56% | .14   | N  | 5  | 14 DAYS         | 701   | 25% | 53% | -.04  | 5  | 5  |    |
|      |               |     |    | 2/3        | 103 | 83        | w/ESP   | 241 | 19% | 49% | -.34  |    |    | 31-90 days away | 548   | 26% | 46% | -.12  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Shipper         | 489   | 25% | 56% | -.19  |    |    |    |
| 8    | PROPER TEXAN  | P   | T1 | P/L        | 88  |           | 14 DAYS | 59  | 10% | 32% | .02   | Y  | 2  | 14 DAYS         | 213   | 13% | 36% | -.36  | 2  | 3  |    |
|      |               |     |    | 2/3        | 124 | 90        | w/ESP   | 154 | 10% | 43% | -.50  |    |    | Wnr last race   | 37    | 19% | 43% | 1.11  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Turf starts     | 44    | 11% | 36% | -.77  |    |    |    |
| 9    | DOVE HUNT     | P   | T1 | P/L        | 93  | 115       | 14 DAYS | 18  | 6%  | 33% | -1.44 | N  | 5  | 14 DAYS         | 258   | 17% | 48% | -.60  | 4  | 5  |    |
|      |               |     |    | 2/3        | 109 | 108       | w/ESP   | 180 | 22% | 58% | -.62  |    |    | 31-90 days away | 213   | 16% | 54% | -.78  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Shipper         | 211   | 24% | 48% | -.24  |    |    |    |
| 12   | THE VID       | P   | T1 | P/L        | 126 | 92        | 14 DAYS | 38  | 11% | 37% | -1.13 | Y  | 4  | 14 DAYS         | 275   | 21% | 52% | -.35  | 5  | 5  |    |
|      |               |     |    | 2/3        | 124 | 102       | w/ESP   | 110 | 15% | 41% | -.88  |    |    | 31-90 days away | 186   | 22% | 51% | -.21  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Wnr last race   | 221   | 25% | 57% | .08   |    |    |    |
| 13   | PRIME RATE P  | E   | T1 | P/L        | 123 | 87        | 14 DAYS | 99  | 12% | 47% | -.49  | N  | 2  | 14 DAYS         | 145   | 17% | 41% | -.11  | 3  | 3  |    |
|      |               |     |    | 2/3        | 117 | 96        | w/ESP   | 183 | 15% | 43% | -.19  |    |    | 31-90 days away | 29    | 17% | 41% | -.36  |    |    |    |
|      |               |     |    |            |     |           |         |     |     |     |       |    |    | Turf starts     | 43    | 15% | 37% | 1.17  |    |    |    |

## Track Bias and Jockey/Trainer Report

Whew! That is a lot of powerful information for such a small set of notations on the Contender Summary. Incidentally, The Vid won the race. Dove Hunt placed and a horse on the Dangerous Non Contender list, Montreal Red, was the show horse. The new notations on the Dangerous Non Contender List showed that Montreal Red had a hot jockey (last 14 days), a very strong ESP running style bias, an excellent workout and had been in the money 100% of the time on the turf and at the exact distance. Menke could not overcome the strong negative running style bias and finished fourth. The Trifecta paid \$143.

◆ **REPORT HEADINGS: ODDSLINE REPORT**

**Top of report**

|                     |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PG #</b>         | Post position on program (saddlecloth) number                                                                                                                                                                                               |
| <b>HORSE NAME</b>   | The horses name                                                                                                                                                                                                                             |
| <b>DA</b>           | Days ago (days since last race)                                                                                                                                                                                                             |
| <b>SD</b>           | Surface/Distance code<br>DS = dirt sprint<br>DR = dirt route<br>TS = turf sprint<br>TR = turf route                                                                                                                                         |
| <b>CD</b>           | Track condition                                                                                                                                                                                                                             |
| <b>R</b>            | Age/Sex restrictions (1-5 ... see explanation earlier in this Section)                                                                                                                                                                      |
| <b>FN</b>           | Finish position in last race                                                                                                                                                                                                                |
| <b>LEN</b>          | Beaten lengths in last race (on winning margin)                                                                                                                                                                                             |
| <b>RC^</b>          | Race rating change from last race to this race (minus means horse is dropping, plus means horse is rising)<br>NOTE: This is based on the BRIS race rating which may be different than other measurements such as changes in claiming price. |
| <b>LX</b>           | Lasix status (See Contender Summary Report Notations for explanation of codes.)                                                                                                                                                             |
| <b>CLASS BRIS</b>   | BRIS class rating                                                                                                                                                                                                                           |
| <b>CLASS TRUE</b>   | BRIS true class (same surface and distance category)                                                                                                                                                                                        |
| <b>CLASS GOOD</b>   | ALL-Ways software class rating for horses good races (highest race rating for a good race)                                                                                                                                                  |
| <b>SPEED DRF</b>    | (ALL-Ways Only) Average of best 2 out of last 3 DRF speed rating plus track variant DRF is Daily Racing Form                                                                                                                                |
| <b>SPEED BRS</b>    | Average of best 2 out of last 3 BRIS speed rating                                                                                                                                                                                           |
| <b>SPEED HLL</b>    | Average of best 2 out of last 3 HALL speed rating                                                                                                                                                                                           |
| <b>SPEED LST</b>    | BRIS speed rating for last race                                                                                                                                                                                                             |
| <b>PACE SGN</b>     | Stretch gain rating                                                                                                                                                                                                                         |
| <b>PACE C1</b>      | Average of best 2 out of 3 BRIS first call pace rating                                                                                                                                                                                      |
| <b>PACE BRS EP</b>  | Average of best 2 out of last 3 BRIS early pace rating                                                                                                                                                                                      |
| <b>PACE BRS FF</b>  | Average of best 2 out of last 3 BRIS final fraction rating                                                                                                                                                                                  |
| <b>PACE BRS CMB</b> | Average of best 2 out of last 3 BRIS combined ratings                                                                                                                                                                                       |
| <b>PACE HLL CMB</b> | Average of best 2 out of last 3 Hall combined ratings                                                                                                                                                                                       |
| <b>ESP</b>          | Preferred running style of horse                                                                                                                                                                                                            |
| <b>PRB</b>          | The percent win probability for the horse                                                                                                                                                                                                   |
| <b>ODDS</b>         | The ALL-Ways software odds line (betting line) for the horse                                                                                                                                                                                |

**Middle of report (Profile Summary)**

This shows the horse name, percentage probability of winning and ALL-Ways software odds line for each of up to three different Handicapping Profiles used to handicap the race. Profile 1 is on the left, profile 2 in the middle and profile 3 on the right.

This also shows summary track bias statistics. See the Track Bias-Jockey/Trainer Report for an explanation of these figures.

**Bottom of report (Contender Summary)**

ALL-Ways software has a build in contender selection capability. Only horses that pass this selection criteria are printed on the bottom of this report.

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| <b>P1, P2, P3</b> | The picks of Handicapping Profiles 1, 2 and 3 respectively                                  |
| <b>CLASS BRIS</b> | Same as top of report                                                                       |
| <b>CLASS TRUE</b> | Same as top of report                                                                       |
| <b>CLASS GOOD</b> | Same as top of report                                                                       |
| <b>SPEED DRF</b>  | (ALL-Ways Only) Same as top of report                                                       |
| <b>SPEED BRIS</b> | Same as top of report                                                                       |
| <b>SPEED HLL</b>  | Same as top of report                                                                       |
| <b>SPEED LST</b>  | Same as top of report                                                                       |
| <b>PACE FCP</b>   | Same as top of report                                                                       |
| <b>PACE SGN</b>   | Same as top of report                                                                       |
| <b>PACE CMB</b>   | Same as top of report                                                                       |
| <b>PACE RSP</b>   | Same as top of report                                                                       |
| <b>WN TR</b>      | Has horse won race at same distance/surface category (yes/no)                               |
| <b>GD TR</b>      | Has horse had a good race at same distance/surface category (yes/no)                        |
| <b>DIST SW</b>    | Favorable (+) or unfavorable (-) distance category switch (Sprint to route/route to sprint) |
| <b>LEN CHG</b>    | Favorable (+) or unfavorable (-) change of length (6f to 7f, 1 1/16 to 1 mile, etc.)        |
| <b>DAYS AGO</b>   | Days since last race                                                                        |
| <b>DAYS GD</b>    | Days since last good race                                                                   |
| <b>LS EF</b>      | Rating of effort in last race                                                               |
| <b>WO</b>         | Rating of workouts since last race                                                          |
| <b>HM</b>         | Ham form points (total)                                                                     |
| <b>RC^</b>        | Same as top of report                                                                       |
| <b>CMP</b>        | Comprehensive rating (total)                                                                |
| <b>BRIS PWR</b>   | BRIS prime power rating                                                                     |

**Key Horse Notations**

|     |                                                                                                  |
|-----|--------------------------------------------------------------------------------------------------|
| K1  | = top ranked Key Horse Candidate                                                                 |
| K2d | = 2 <sup>nd</sup> ranked Key Horse Candidate. Also a Dual BE-BL qualifier (best early-best late) |
| K3  | = 3 <sup>rd</sup> ranked Key Horse Candidate                                                     |
| K4  | = 4 <sup>th</sup> ranked Key Horse Candidate                                                     |

**◆ REPORT HEADINGS: PACELINE REPORT****Top of report**

Same as Odds Line report

**Middle of report**

Same as Odds Line report except the % early energy range and Brohamer Track Model are show as well. See the Track Bias Jockey/Trainer report for an explanation of these bias statistics.

**Bottom of report**

**Comprehensive**

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>DS</b>       | Distance component rating of comprehensive rating       |
| <b>SF</b>       | Surface component rating of comprehensive rating        |
| <b>FM</b>       | Form component rating of comprehensive rating           |
| <b>CL</b>       | Class component rating of comprehensive rating          |
| <b>SP</b>       | Speed component rating of comprehensive rating          |
| <b>JT</b>       | Jockey/Trainer component rating of comprehensive rating |
| <b>TOT</b>      | Total comprehensive rating                              |
| <b>BRIS PWR</b> | BRIS prime power rating                                 |

**Paceline**

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>PL</b>       | Pace Line Code (T = true: same distance/surface category, L = last)<br>(1-5 = races ago, 1 = last, 2 = 2 back, 3 = 3 back, etc.) |
| <b>HALL C1</b>  | HALL pace line first call rating                                                                                                 |
| <b>HALL EP</b>  | HALL pace line early pace rating                                                                                                 |
| <b>HALL FF</b>  | HALL pace line final fraction rating                                                                                             |
| <b>HALL SP</b>  | HALL pace line speed rating                                                                                                      |
| <b>HALL CMP</b> | HALL pace line combined rating                                                                                                   |
| <b>BRIS C1</b>  | BRIS pace line first call pace rating                                                                                            |
| <b>BRIS EP</b>  | BRIS pace line early pace rating                                                                                                 |
| <b>BRIS FF</b>  | BRIS pace line final fraction rating                                                                                             |
| <b>BRIS SP</b>  | BRIS pace line speed rating                                                                                                      |
| <b>BRIS CMB</b> | BRIS pace line combined rating                                                                                                   |
| <b>EP</b>       | BROHAMER paceline early pace <b>ranking</b>                                                                                      |
| <b>AP</b>       | BROHAMER paceline average pace <b>ranking</b>                                                                                    |
| <b>SP</b>       | BROHAMER paceline sustained pace <b>ranking</b>                                                                                  |
| <b>FX</b>       | BROHAMER paceline factor X pace <b>ranking</b>                                                                                   |
| <b>TOT</b>      | BROHAMER paceline total pace <b>ranking</b>                                                                                      |
| <b>ESP</b>      | Horses preferred ESP running style                                                                                               |
| <b>QN</b>       | Quirin speed points                                                                                                              |
| <b>%ERLY</b>    | Percent early energy expenditure                                                                                                 |

**Key Horse Notations**

|     |                                                                                                  |
|-----|--------------------------------------------------------------------------------------------------|
| K1  | = top ranked Key Horse Candidate                                                                 |
| K2d | = 2 <sup>nd</sup> ranked Key Horse Candidate. Also a Dual BE-BL qualifier (best early-best late) |
| K3  | = 3 <sup>rd</sup> ranked Key Horse Candidate                                                     |
| K4  | = 4 <sup>th</sup> ranked Key Horse Candidate                                                     |

## ◆ **REPORT HEADINGS: ALL FACTORS REPORT**

### **Key Horse Notations**

|     |                                                                                                  |
|-----|--------------------------------------------------------------------------------------------------|
| K1  | = top ranked Key Horse Candidate                                                                 |
| K2d | = 2 <sup>nd</sup> ranked Key Horse Candidate. Also a Dual BE-BL qualifier (best early-best late) |
| K3  | = 3 <sup>rd</sup> ranked Key Horse Candidate                                                     |
| K4  | = 4 <sup>th</sup> ranked Key Horse Candidate                                                     |

|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| <b>Dist Record</b>     | Index: (Record at exact distance)                                                    |
| <b>Dist EFF 2/3</b>    | Index: Average best 2 out of last 3 efforts at same distance category                |
| <b>Dist Switch</b>     | Favorable (+) or unfavorable (-) change of distance category                         |
| <b>Len Change</b>      | Favorable (+) or unfavorable (-) length change (i.e., 6 to 61/2 F)                   |
| <b>Dirt Record</b>     | Index: (Record on dirt)                                                              |
| <b>Dirt EFF 2/3</b>    | Index (Average best 2 out of last 3 efforts on dirt)                                 |
| <b>Turf Record</b>     | Index (Record on turf)                                                               |
| <b>Turf EFF 2/3</b>    | Index (Average best 2 out of last 3 efforts on turf)                                 |
| <b>Mud Record</b>      | Index (Record on OFF track)                                                          |
| <b>Mud EFF 2/3</b>     | Index (Average best 2 out of last efforts on OFF track)                              |
| <b>EFF Last</b>        | Index (Effort in last race)                                                          |
| <b>EFF Last True</b>   | Index (Effort in last race at same distance/surface category)                        |
| <b>EFF 2/3</b>         | Index (Average best 2 out of last 3 efforts)                                         |
| <b>Recency</b>         | Days since last race                                                                 |
| <b>Days Good</b>       | Days since last good race                                                            |
| <b>HAM Form</b>        | HAMBLETON form points (total)                                                        |
| <b>Workout(s)</b>      | Index (Evaluation of workouts since last race)                                       |
| <b>Furlong Days</b>    | Average number of workout furlongs per day since last race                           |
| <b>WGT BRIS Total</b>  | BRIS Weighted Moving Average Total Pace Ratings                                      |
| <b>WGT HALL Total</b>  | Hall Weighted Moving Average Total Pace Ratings                                      |
| <b>Back Class</b>      | BRIS Back Class rating                                                               |
| <b>Race Change</b>     | Today's race rating minus last race rating ( + is rise in class, - is drop in class) |
| <b>Race Good</b>       | Highest race rating at which horse ran a good race                                   |
| <b>BRIS Class</b>      | BRIS class rating                                                                    |
| <b>True Class</b>      | BRIS true class rating                                                               |
| <b>ACL</b>             | BRIS average competitive level                                                       |
| <b>Turf Class</b>      | BRIS turf class rating                                                               |
| <b>Mud Class</b>       | BRIS mud class rating                                                                |
| <b>SCOTT PCR</b>       | SCOTT performance class rating                                                       |
| <b>SCOTT Ability</b>   | SCOTT last race ability time                                                         |
| <b>BRIS Speed Last</b> | BRIS speed rating (last race)                                                        |
| <b>BRIS Speed 2/3</b>  | BRIS speed rating (best 2 of 3)                                                      |
| <b>HALL Speed Last</b> | HALL speed rating (last race)                                                        |
| <b>HALL Speed 2/3</b>  | HALL speed rating (best 2 of 3)                                                      |
| <b>SRTV Last</b>       | (ALL-Ways Only) DRF speed rating PLUS track variant (last race)                      |
| <b>Back Speed</b>      | BRIS Back Speed rating                                                               |
| <b>True Dirt Speed</b> | BRIS speed rating on FAST dirt track                                                 |
| <b>Mud Speed</b>       | BRIS mud speed rating                                                                |
| <b>FCP 4/5</b>         | Index: First call position performance                                               |
| <b>QUIRIN Points</b>   | QUIRIN speed points                                                                  |
| <b>BRIS CALL 1 2/3</b> | BRIS first call pace rating (best 2 of 3)                                            |

## Report Headings: All Factors Report (continued)

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| <b>BRIS EP 2/3</b>        | BRIS early pace rating (best 2 of 3)                                    |
| <b>HALL Call 1 2/3</b>    | HALL first call pace rating (best 2 of 3)                               |
| <b>HALL EP 2/3</b>        | HALL early pace rating (best 2 of 3)                                    |
| <b>True Dirt EP</b>       | BRIS early pace rating on FAST dirt track                               |
| <b>STR Gain 4/5</b>       | Index: Stretch gain performance at all distances categories             |
| <b>STR Gain 4/5 Dist</b>  | Index: Stretch gain performance at today distance category              |
| <b>BRIS FF 2/3</b>        | BRIS final fraction rating (best 2 of 3)                                |
| <b>HALL FF 2/3</b>        | HALL final fraction rating (best 2 of 3)                                |
| <b>True Dirt FF</b>       | BRIS final fraction rating on FAST dirt track                           |
| <b>BRIS CMB 2/3</b>       | BRIS combined pace rating (best 2 of 3)                                 |
| <b>HALL CMB 2/3</b>       | HALL combined pace rating (best 2 of 3)                                 |
| <b>HALL Total 2/3</b>     | HALL total pace rating (best 2 of 3)                                    |
| <b>HALL Late 2/3</b>      | HALL late pace rating (best 2 or 3)                                     |
| <b>True Dirt CMB</b>      | True dirt combined pace rating                                          |
| <b>ESP</b>                | Horses preferred ESP running style                                      |
| <b>PERCENT EARLY</b>      | Horses preferred early energy expenditure                               |
| <b>BRIS Call 1 P/L</b>    | BRIS paceline first call pace rating                                    |
| <b>BRIS EP P/L</b>        | BRIS paceline early pace rating                                         |
| <b>BRIS FF P/L</b>        | BRIS paceline final fraction pace rating                                |
| <b>BRIS Speed P/L</b>     | BRIS paceline speed rating                                              |
| <b>BRIS CMB P/L</b>       | BRIS paceline combined pace rating                                      |
| <b>BRIS Total P/L</b>     | BRIS paceline total pace rating                                         |
| <b>BRIS Late P/L</b>      | BRIS paceline late pace rating                                          |
| <b>HALL Call P/L</b>      | HALL paceline first call pace rating                                    |
| <b>BRIS Total 2/3 P/L</b> | BRIS total pace rating (best 2 of 3)                                    |
| <b>BRIS Late 2/3 P/L</b>  | BRIS late pace rating (best 2 of 3)                                     |
| <b>HALL EP P/L</b>        | HALL paceline early pace rating                                         |
| <b>HALL FF P/L</b>        | HALL paceline final fraction pace rating                                |
| <b>HALL Speed P/L</b>     | HALL paceline speed rating                                              |
| <b>HALL CMB P/L</b>       | HALL paceline combined pace rating                                      |
| <b>HALL Total P/L</b>     | HALL paceline total pace rating                                         |
| <b>HALL Late P/L</b>      | HALL paceline late pace rating                                          |
| <b>BRO EP</b>             | BROHAMER paceline early pace rating (feet per second)                   |
| <b>BRO AP</b>             | BROHAMER paceline average pace rating (feet per second)                 |
| <b>BRO SP</b>             | BROHAMER paceline sustained pace rating (feet per second)               |
| <b>BRO FX</b>             | BROHAMER paceline factor X pace rating (feet per second)                |
| <b>BRO Total</b>          | BROHAMER paceline total pace <b>ranking</b>                             |
| <b>Comprehensive</b>      | Total comprehensive points                                              |
| <b>BRIS Power</b>         | BRIS Prime Power rating                                                 |
| <b>Post</b>               | Horses post position today (check track program numbers before betting) |
| <b>Jockey</b>             | Index: Rating of today's Jockey                                         |
| <b>Trainer</b>            | Index: Rating of today's Trainer                                        |
| <b>Trainer Turf</b>       | Index: Rating of today's Trainer for turf races                         |
| <b>Turf Ped</b>           | Index: Horses turf pedigree                                             |
| <b>Mud Ped</b>            | Index: Horses mud pedigree                                              |
| <b>First Ped</b>          | Index: Horses first time starter pedigree                               |

## ◆ Report Headings: Search Handicapping Report

**Gap Search Section (See Chapter 6 for details)**

## Report Headings: Search Handicapping Report (continued)

This prints the result of ALL-Ways software's search for horses having a Gap advantage that statistically results in a win percent of 33% or higher or a win bet return-on-investment of 5% or higher or an in-the-money percent of 70% or higher.

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| <b>NUM RACES</b>  | Number of races used to develop the Gap statistics for this race                   |
| <b>MIN RACES</b>  | The minimum number of races required for valid Gap statistics search               |
| <b>MIN HORSES</b> | The minimum number of qualifying horses required for a factor to be listed         |
| <b>TRACK</b>      | The track for which the statistics were calculated (or the Default Gap Statistics) |
| <b>UPDATED</b>    | The date the Gap Statistics were last updated                                      |
| <b>PG#</b>        | The qualifying horse's post or saddlecloth number                                  |
| <b>NAME</b>       | The qualifying horse's name                                                        |
| <b>FACTOR</b>     | The Gap factor for which this horse qualifies                                      |
| <b>GAP</b>        | The horse's Gap advantage                                                          |
| <b>#HRS</b>       | The number of qualifying horses used for the statistics                            |
| <b>WIN</b>        | The win percent of all qualifying horses                                           |
| <b>ROI</b>        | The win bet ROI percent of all qualifying horses                                   |
| <b>ITM</b>        | The in-the-money percent of all qualifying horses                                  |

### **Key Horse Search Section (See Chapter 6 for details)**

**Top Key Candidates**    The top four Key Horse Candidates identified by ALL-Ways

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| <b>PG#</b>        | The horse's post position or saddlecloth number                                       |
| <b>NAME</b>       | The horse's name                                                                      |
| <b>KEY ITM%</b>   | Estimate of the horse's best possible in-the-money percentage                         |
| <b>KEY SCORE</b>  | The Key Horse Score calculated by ALL-Ways. <b>Lowest is best.</b>                    |
| <b>KEY RANK</b>   | The rank of the horse based on its Key Horse Score                                    |
| <b>DUAL BE-BL</b> | Will have the entry "dual" if the horse is in both the Best Early and Best Late lists |
| <b>ML</b>         | Morning Line Odds for the horse                                                       |

**Best Early**    The top best early horses based on their BRIS and Hall Total Pace ratings

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| <b>PG#</b>            | The horse's post position or saddlecloth number |
| <b>NAME</b>           | The horse's name                                |
| <b>BRIS TOTAL 2/3</b> | The horse's BRIS Total 2/3 pace rating          |
| <b>BRIS RANK</b>      | The horse's rank for BRIS Total 2/3 pace rating |
| <b>HALL TOTAL 2/3</b> | The horse's Hall Total 2/3 pace rating          |
| <b>HALL RANK</b>      | The horse's rank for Hall Total 2/3 pace rating |
| <b>ML</b>             | Morning Line Odds for the horse                 |

**Best Late**    The top best late horses based on their BRIS and Hall Late Pace ratings

|                      |                                                 |
|----------------------|-------------------------------------------------|
| <b>PG#</b>           | The horse's post position or saddlecloth number |
| <b>NAME</b>          | The horse's name                                |
| <b>BRIS LATE 2/3</b> | The horse's BRIS Late 2/3 pace rating           |
| <b>BRIS RANK</b>     | The horse's rank for BRIS Late 2/3 pace rating  |
| <b>HALL LATE 2/3</b> | The horse's Hall Late 2/3 pace rating           |
| <b>HALL RANK</b>     | The horse's rank for Hall Late 2/3 pace rating  |
| <b>ML</b>            | Morning Line Odds for the horse                 |

**Other Top Closers**    Any horses not listed in the Late list that is in the top 3 BRIS or Hall Final Fraction 2/3 pace ratings

## Report Headings: Search Handicapping Report (continued)

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| <b>PG#</b>         | The horse's post position or saddlecloth number          |
| <b>NAME</b>        | The horse's name                                         |
| <b>BRIS FF 2/3</b> | The horse's BRIS Final Fraction 2/3 pace rating          |
| <b>BRIS RANK</b>   | The horse's rank for BRIS Final Fraction 2/3 pace rating |
| <b>HALL FF 2/3</b> | The horse's Hall Final Fraction 2/3 pace rating          |
| <b>HALL RANK</b>   | The horse's rank for Hall Final Fraction 2/3 pace rating |
| <b>ML</b>          | Morning Line Odds for the horse                          |

### **Highest Top 3 ITM% Search Section**

This section shows the results of ALL-ways search through the Top 3 portion of the Key Horse Statistics for every horse's very best Top 3 in-the-money percentage rating based on its Top 3 Ranking for every factor

|               |                                                                                 |
|---------------|---------------------------------------------------------------------------------|
| <b>PG#</b>    | The horse's post position or saddlecloth number                                 |
| <b>NAME</b>   | The horse's name                                                                |
| <b>FACTOR</b> | The horse's best in-the-money percentage factor                                 |
| <b>RANK</b>   | The horse's rank for that factor                                                |
| <b>ITM</b>    | The in-the-money percentage for all horses having the same rank for that factor |

### **Handicapping Profile Summary Section**

This shows the horse's name, percentage probability of winning, ALL-Ways software's odds-line and the Morning Line odds for the top four selections of the up to three different Handicapping Profiles. If you have run the Automatic DB Run Analysis, the win percentage and in-the-money percentage performance of the top 2 picks of each Handicapping Profile is also shown.

This section also shows track bias statistics. See the Track Bias and Jockey/Trainer Report for an explanation of the bias statistics.

### **Pro Gap Search Results Section (See Chapter 6 for details.) (Professional Edition Only)**

This section shows the results of ALL-Ways search for horses that meet the requirements of your Pro Custom Search Definitions. See Chapter 6 for a complete explanation.

|                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| <b>PG#</b>             | The qualifying horse's post position or saddlecloth number                            |
| <b>NAME</b>            | The qualifying horse's name                                                           |
| <b>#HRS</b>            | Number of horses that qualified for this definition on which the statistics are based |
| <b>WIN%</b>            | Win percentage of all qualifying horses                                               |
| <b>ROI%</b>            | Win bet return-on-investment percentage of all qualifying horses                      |
| <b>ITM%</b>            | In-the-money percentage of all qualifying horses                                      |
| <b>SEARCH DEF NAME</b> | The name you gave your Custom Search Definition for which this horse qualifies        |
| <b>SEARCH DEF DESC</b> | The description you included for this Custom Search Definition                        |

## ◆ **REPORT HEADINGS: TOP 10/ RANKING REPORT**

The Top 10 part of the report:

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| <b>PG#</b>        | post position or program (saddlecloth) number                    |
| <b>Horse Name</b> | the horse's name                                                 |
| <b>#BK</b>        | the number of races back. For example, a 2 means two races back. |

## Report Headings: Top Ten/Ranking Report (continued)

|     |                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------|
| +   | If a plus sign (+) appears by the #BK figure, it means the race was run 120 or more days ago.   |
| SD  | surface and distance code. DS = dirt sprint, DR = dirt route, TS = turf sprint, TR = turf route |
| CD  | track condition                                                                                 |
| SH  | Quirin Race Shape                                                                               |
| FIN | the horse's finish position in the race                                                         |

The figures without a heading are the ratings for the particular factor group. The name of the handicapping factor is shown above the factor group.

### The Ranking part of the report:

There are no headings for the columns in the ranking groups. The factor name for each group is shown above the group. The information in each group, reading from left to right is:

post position or program (saddlecloth) number

horse's name

paceline designation (only if the factor is a paceline factor)

the rating for the particular factor group

**NOTE: In the Professional Edition, you can customize the factors that are used on the Top 10/Ranking Report.**

## ◆ REPORT HEADINGS: PAST PERFORMANCE REPORT

### Column headings

|           |                                                                               |
|-----------|-------------------------------------------------------------------------------|
| DA        | Days since last race from today's date                                        |
| DS        | Days since last race from past performance race date                          |
| C         | Claimed Flag (c)                                                              |
| TRK       | Track where race was run                                                      |
| DIST      | Distance of the race                                                          |
| SD        | Surface/Distance code of the race (T = turf, D = dirt, S = sprint, R = route) |
| CD        | Condition of track                                                            |
| R         | Age/Sex restrictions (ASR 1-5)                                                |
| Race Rate | BRIS race rating of the race                                                  |
| SH        | QUIRIN style shape of the race                                                |
| BRIS C1   | BRIS first call pace rating                                                   |
| BRIS EP   | BRIS early pace rating                                                        |
| BRIS FF   | BRIS final fraction pace rating                                               |
| BRIS SPD  | BRIS speed rating                                                             |
| BRIS CMB  | BRIS combined pace rating (Early Pace + Final Fraction)                       |
| BRIS TOT  | BRIS total pace rating (Early Pace + Speed)                                   |

### First, Second, Stretch, Finish

## Report Headings: Past Performance Report (continued)

|                |                                                                                 |
|----------------|---------------------------------------------------------------------------------|
| <b>PS</b>      | Position at the call                                                            |
| <b>LEN</b>     | Lengths behind (or leading lengths) at the call                                 |
| <b>WGT</b>     | Weight carried                                                                  |
| <b>LSX</b>     | Lasix status (See Contender Summary Report Notations for explanation of codes.) |
| <b>BLK</b>     | Blinkers change (ON or OFF)                                                     |
| <b>ESP</b>     | Horses preferred running style                                                  |
| <b>Comment</b> | Comment Line                                                                    |

### **Individual horse header**

This heading shows the following information:

Horses name  
CMP = Total comprehensive rating  
Horses lifetime record (starts, win, place, show, earnings)  
Jockey name  
Jockey statistics for last 365 days  
Jockey statistics for current meet  
PWR = BRIS prime power rating  
Trainer name  
Trainer statistics for last 365 days  
Trainer statistics for current meet  
Horses weight today  
Horses lasix status (See Contender Summary Notations for an explanation of lasix status codes)  
Blinkers on or blinkers off  
Horses preferred ESP running style  
(Age of horse)

### **Workout line**

For each of the last three workouts since its last race, this shows workout date, track, condition, time, seconds per furlong and the days workout ranking. "Bullet" workouts are highlighted.

## ◆ **REPORT HEADINGS: TRACK BIAS AND JOCKEY/TRAINER REPORT**

Note that there are two sets of bias statistics on the report. There is one set for the most recent week and another set for the current meet.

### **Pace Position and Speed Bias**

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>DISTANCE:</b>     | The distance category for the statistics                                                                  |
| <b>START/END:</b>    | The start date and the end date of the statistics                                                         |
| <b>RACES:</b>        | The number of races used to calculate the statistics                                                      |
| <b>SPEED BIAS:</b>   | The percent of races won by E and EP running style horses                                                 |
| <b>WIRE PERCENT:</b> | The percent of races won "gate-to-wire"                                                                   |
| <b>ABL CALL 1:</b>   | The average beaten lengths of the winner at the first call (2 furlongs in sprints, 4 furlongs in routes)  |
| <b>ABL CALL 2:</b>   | The average beaten lengths of the winner at the second call (4 furlongs in sprints, 6 furlongs in routes) |

## Report Headings: Track Bias and Jockey/Trainer Report (continued)

### Running Style Bias

**PLUS STATUS:** + for slight bias, ++ for strong bias, blank for no significant bias  
**PERCENT WIN:** The percent of races won by horses with each running style  
**IMPACT VALUE:** The Impact Values for each running style

### Post Position Bias

**PLUS STATUS:** + for slight bias, ++ for strong bias, blank for no significant bias  
**AVERAGE WIN%:** The average win percent by horses in the post positions. Note that these percentages will not add up to 100%.  
**IMPACT VALUE:** The Impact Values for each post position

### Track Profile, %Early Energy Range and Brohamer track Model

The Track Profile, %Early Energy Range and Brohamer Track Model are also shown on the Paceline Report, Oddsline Report (Track Profile only), the Brohamer Plus Report and on this Track Bias Jockey/Trainer Report.

Here are the figures for winners in 6 furlong dirt sprints at Belmont Park.

|                 | 1st CALL PROFILE |    |    |    |    |    | 2nd CALL PROFILE |    |    |   |   |   | PERCENT EARLY |        |      | TRACK MODEL |     |     |     |      |
|-----------------|------------------|----|----|----|----|----|------------------|----|----|---|---|---|---------------|--------|------|-------------|-----|-----|-----|------|
|                 | 1                | 2  | 3  | 4  | 5  | +  | 1                | 2  | 3  | 4 | 5 | + | LOW           | MEDIAN | HIGH | EP          | AP  | SP  | FX  | TOT  |
| WIN POSITION%   | 22               | 23 | 22 | 11 | 10 | 12 | 44               | 26 | 12 | 8 | 4 | 6 | 51.1          | 51.9   | 52.7 | 2.6         | 2.4 | 2.8 | 2.5 | 10.4 |
| WIN BEATEN LEN% | 55               | 17 | 8  | 3  | 4  | 13 | 74               | 14 | 5  | 7 | 0 | 0 |               |        |      |             |     |     |     |      |

The second call Track Profile is interpreted as follows:

Winners are on the lead at the second call 44% of the time.

Winners are either first or second at the second call 70% of the time (44% + 26%).

Winners are on the lead or within one length of the leader at the second call 74% of the time.

Winners are on the lead or within two lengths of the leader at the second call 88% of the time (74% + 14%).

The Percent Early Range is interpreted as follows:

The Median Early Energy is 51.59%. Half the winners are above this figure and half are below this figure.

The low end of the range is 51.1% and the high end of the range is 52.7%. Approximately 90% of all 6 furlong dirt sprints are won by horses expending their %Early Energy within this range.

The Brohamer Model is interpreted as follows:

**EP** Average Brohamer Early Pace Ranking of winning horses  
**AP** Average Brohamer Average Pace Ranking of winning horses  
**SP** Average Brohamer Sustained Pace Ranking of winning horses  
**FX** Average Brohamer Factor X Ranking of winning horses  
**TOT** Average Brohamer Total Ranking of winning horses

### Jockey and Trainer Statistics

Each horse is listed along with its running style and its Hall and BRIS Early Pace Ratings for both its paceline and its

## Report Headings: Track Bias and Jockey/Trainer Report (continued)

best 2 of 3 races. In addition several important statistics are shown for the horses jockey and trainer as described below. All the statistics are reported as win percentage, In-the-money percentage and net return for every \$2 bet.

|                 |                                                                            |
|-----------------|----------------------------------------------------------------------------|
| <b>Jockey</b>   | Jockey name                                                                |
| <b>14 DAYS:</b> | The jockeys record during the past 14 days                                 |
| <b>W/ESP:</b>   | The jockeys record on horses with this horses running style                |
| <b>W/TRAIN:</b> | The jockey's record riding for this trainer                                |
| <b>GD:</b>      | Y(yes) or N(no) as to whether the jockey has had a good race on this horse |
| <b>DEX:</b>     | The jockeys overall rating index (1 to 5)                                  |
| <b>Trainer</b>  | Trainer name                                                               |
| <b>14 DAYS:</b> | The trainers record during the past 14 days                                |
| <b>STAT #1:</b> | The trainers record with respect to the indicated statistical category     |
| <b>STAT #2:</b> | The trainers record with respect to the indicated statistical category     |
| <b>DEX:</b>     | The trainers overall rating index (1 to 5)                                 |
| <b>DEX TF:</b>  | The trainers turf rating index (1 to 5) ... shown only for turf races      |

## ◆ REPORT HEADINGS: SUITABILITY AND PEDIGREE REPORT

### Headings Common To Suitability Groups

|                      |                                                 |
|----------------------|-------------------------------------------------|
| <b>PG#</b>           | Post (on program (saddlecloth) number)          |
| <b>HORSE NAME</b>    | Name of horse                                   |
| <b>PL</b>            | Place finishes                                  |
| <b>SH</b>            | Show finishes                                   |
| <b>EARN</b>          | Life earnings                                   |
| <b>WIN %</b>         | Win percent                                     |
| <b>ITM %</b>         | In The Money percent                            |
| <b>REC</b>           | Index of lifetime record                        |
| <b>LAST 10 RACES</b> |                                                 |
| <b>ST</b>            | Starts                                          |
| <b>WN</b>            | Wins                                            |
| <b>GD</b>            | Good finishes                                   |
| <b>WIN %</b>         | Win percent                                     |
| <b>GD %</b>          | Good percent                                    |
| <b>2/3</b>           | Index (effort best 2 of last 3)                 |
| <b>LF</b>            | Last finish position                            |
| <b>LEN</b>           | Last finish lengths behind (or winning lengths) |

### Headings unique to suitability groups

#### SUITABILITY TO DISTANCE

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| <b>DIST SW</b>       | Favorable (+) or unfavorable (-) distance category switch |
| <b>LEN CHG</b>       | Favorable (+) or unfavorable (-) change in length         |
| <b>DIST SGN</b>      | Stretch gain performance at today's distance category     |
| <b>BRIS DIST PED</b> | BRIS distance pedigree rating                             |

#### SUITABILITY TO DIRT

|                   |                                        |
|-------------------|----------------------------------------|
| <b>DIRT SPEED</b> | BRIS speed ratings on FAST dirt tracks |
|-------------------|----------------------------------------|

## Report Headings: Suitability and Pedigree Report (continued)

### SUITABILITY TO TURF

|                   |                             |
|-------------------|-----------------------------|
| <b>TURF CLASS</b> | BRIS turf class rating      |
| <b>TR FF REC</b>  | Index: Trainers turf record |
| <b>TURF PED</b>   | Index: Horses turf pedigree |

### SUITABILITY TO MUD

|                     |                            |
|---------------------|----------------------------|
| <b>MUD CLASS</b>    | BRIS mud class rating      |
| <b>MUD SPD</b>      | BRIS mud speed rating      |
| <b>MUD PED</b>      | Index: Horses mud pedigree |
| <b>BRIS WET PED</b> | BRIS wet pedigree rating   |

### ***Pedigree information***

|                       |                                              |
|-----------------------|----------------------------------------------|
| <b>PGH</b>            | Post or program (saddlecloth) number         |
| <b>HORSE NAME</b>     | Name of horse                                |
| <b>DOSAGE</b>         | Horse dosage index                           |
| <b>SIRE NAME</b>      | Name of horse's sire                         |
| <b>SPI</b>            | Sire Production Index                        |
| <b>AWD</b>            | Average winning distance of sire's offspring |
| <b>FOALS</b>          | Number of sire's offspring                   |
| <b>WIN %</b>          | Percent of foals that won at least one race  |
| <b>2 YR WIN %</b>     | Percent of foals that won as 2 year old      |
| <b>1 st WIN %</b>     | Percent of foals that won their first race   |
| <b>TURF STARTS</b>    | Number of turf starts by foals               |
| <b>TURF WIN %</b>     | Percent of foals that won on turf            |
| <b>1st TURF WIN %</b> | Percent of foals that won first try on turf  |
| <b>MUD STARTS</b>     | Number of mud starts by foals                |
| <b>MUD WIN %</b>      | Percent of foals that won in the mud         |
| <b>TOT PED</b>        | Index: First time starter pedigree           |
| <b>BRIS DIRT PED</b>  | BRIS dirt pedigree rating                    |
| <b>BRIS TURF PED</b>  | BRIS turf pedigree rating                    |

### ◆ **REPORT HEADINGS: FULL PEDIGREE REPORT**

#### ***Full Pedigree Report***

The Full Pedigree Report is, as the name implies, full of extensive pedigree information about each horse. It also includes key information about the Jockey and Trainer. Combining this information provides you with an outstanding report that will help you evaluate first time starters and that will help you handicap Maiden and turf races. What follows is an explanation of each field on the Full Pedigree Report.

#### ***Sire and Dam's Sire Fields***

|                  |                                                                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NAME</b>      | Name of the horse's Sire and Dam's Sire                                                                                                                            |
| <b>SPI</b>       | Sire Production Index (An Impact Value like rating that measures how well the offspring of this Sire have performed. A SPI rating over 2.00 is considered strong). |
| <b>AWD</b>       | Average Winning Distance                                                                                                                                           |
| <b>FOALS</b>     | Number of foals (offspring) from this Sire                                                                                                                         |
| <b>WIN %</b>     | Percent of foals that won at least one race                                                                                                                        |
| <b>2YR WIN %</b> | Percent of foals that won as a 2 year old                                                                                                                          |
| <b>1ST WIN %</b> | Percent of foals that won their very first race                                                                                                                    |
| <b>TURF STS</b>  | Number of turf races started                                                                                                                                       |

## Report Headings: Full Pedigree Report (continued)

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| <b>TURF WIN %</b> | Percent of turf races won                                    |
| <b>1ST TURF</b>   | Percent of turf starters that won their very first turf race |
| <b>MUD STS</b>    | Number of mud races started                                  |
| <b>MUD WIN %</b>  | Percent of mud races won                                     |

### ***Sire's Sire Fields***

|              |                                         |
|--------------|-----------------------------------------|
| <b>NAME</b>  | Name of the Sir's Sire                  |
| <b>SPI</b>   | The Sire's Sire's Sire Production Index |
| <b>CROPS</b> |                                         |

### ***Dam Fields***

|                  |                                                                                                 |
|------------------|-------------------------------------------------------------------------------------------------|
| <b>NAME</b>      | The Dam's name                                                                                  |
| <b>DPI</b>       | Dam Production Index (similar to the SPI figure, but very volatile because of so few offspring) |
| <b>RACE PERF</b> | How well the Dam performed in races, if she started any races                                   |
| <b>STARTERS</b>  | Number of Dam offspring that started a race                                                     |
| <b>WIN</b>       | The <u>number</u> of starters that won a race                                                   |
| <b>STK WIN</b>   | The <u>number</u> of starters that won a stakes race                                            |
| <b>2YR</b>       | The <u>percent</u> of starters that won as a 2 year old                                         |
| <b>TURF WIN</b>  | The <u>number</u> of starters that won a turf race                                              |

### ***Sire Fields (continued)***

|                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| <b>STUD FEE (FOAL)</b> | The stud fee of the sire the year the horse was foaled               |
| <b>STUD FEE (CURR)</b> | The current stud fee of the Sire                                     |
| <b>NUM SOLD (AGE)</b>  | Number of offspring sold the year the horse was sold                 |
| <b>NUM SOLD (ALL)</b>  | Number of total offspring sold for all years                         |
| <b>SALES AVG (AGE)</b> | The average sale price of offspring sold the year the horse was sold |
| <b>SALES AVG (ALL)</b> | The average sale price of offspring sold for all years               |

### ***Horse Fields***

|                    |                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DOSAGE</b>      | A measure of a horse's Speed (likes shorter distances) or Stamina (likes longer distances). The lower the number, the more Stamina. The higher the number, the more Speed. Horse's with Dosage figures of 4.00 or higher are said to have a problem winning at the Classic 1 ¼ mile distance of the Kentucky Derby because of a lack of Stamina in their pedigree. |
| <b>BLENDED SPI</b> | This is an ALL-Ways software generated number that blends the Sire's SPI, the Dam's Sire's SPI and the Sire's Sire's SPI. It is not just a simple average. It takes into account the percent influence each of these Sires has on the horse's pedigree.                                                                                                            |
| <b>PRICE</b>       | The price paid for the horse at auction                                                                                                                                                                                                                                                                                                                            |
| <b>RANK</b>        | The rank of the sales price of this horse among all the Sire's offspring sold the same year                                                                                                                                                                                                                                                                        |
| <b>FOAL</b>        | The foaling date of this horse                                                                                                                                                                                                                                                                                                                                     |
| <b>RATE: PED</b>   | ALL-Ways overall Pedigree Rating on a scale of 0 to 4 (+ possible bonus point). High is best.                                                                                                                                                                                                                                                                      |
| <b>RATE: TURF</b>  | ALL-Ways turf Pedigree Rating on a scale of 0 to 4 (+ possible bonus point). High is best.                                                                                                                                                                                                                                                                         |
| <b>RATE: MUD</b>   | ALL-Ways mud Pedigree Rating on a scale of 0 to 4 (+ possible bonus point). High is best.                                                                                                                                                                                                                                                                          |
| <b>WORK ( )</b>    | ALL-Ways workout rating for this horse: 2= excellent, 1 = good, 0 = poor, -1 = no work<br>Followed in parentheses by best work in terms of seconds per furlong                                                                                                                                                                                                     |

### ***Jockey/Trainer Fields***

|             |             |
|-------------|-------------|
| <b>JOCK</b> | Jockey name |
|-------------|-------------|

## Report Headings: Full Pedigree Report (continued)

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| <b>JOCK RATE</b>      | ALL-Ways overall rating of the Jockey on a scale of 0 to 4 (+ possible bonus point). High is best.  |
| <b>TRAINER</b>        | Trainer name                                                                                        |
| <b>TRAIN RATE</b>     | ALL-Ways overall rating of the Trainer on a scale of 0 to 4 (+ possible bonus point). High is best. |
| <b>TRAINER #1</b>     | Brief description of Trainer Statistic #1 (Such as “first time starters” or “maiden race debut”)    |
| <b>TRAINER #1 STS</b> | Number of starts with this trainer angle                                                            |
| <b>TRAINER #1 WIN</b> | Percent wins with this trainer angle                                                                |
| <b>TRAINER #2</b>     | Brief description of Trainer Statistic #2 (Such as “first time starters” or “maiden race debut”)    |
| <b>TRAINER #2 STS</b> | Number of starts with this trainer angle                                                            |
| <b>TRAINER #2 WIN</b> | Percent wins with this trainer angle                                                                |

### **BRIS pedigree Fields**

**BRIS DIRT PEDIGREE RATING**  
**BRIS TURF PEDIGREE RATING**  
**BRIS DISTANCE PEDIGREE RATING**  
**BRIS WET PEDIGREE RATING**

## ◆ **REPORT HEADINGS: FORM BY THE NUMBERS REPORT**

### **Recent Performance**

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| <b>PG#</b>        | Post or program (saddlecloth) number                                   |
| <b>HORSE NAME</b> | Name of horse                                                          |
| <b>LAST RACE</b>  |                                                                        |
| <b>FIN</b>        | Finish position                                                        |
| <b>LEN</b>        | Beaten or sinning lengths                                              |
| <b>RATE</b>       | BRIS race rating for the race                                          |
| <b>DRF SPD</b>    | (ALL-Ways Only) DRF speed rating plus track variant                    |
| <b>BRIS SPD</b>   | BRIS speed rating                                                      |
| <b>HLL SPD</b>    | HALL speed rating                                                      |
| <b>BRIS CNB</b>   | BRIS combined pace rating (BRIS Early Pace + BRIS Final Fraction Pole) |
| <b>HLL CMB</b>    | HALL combined pace rating (HALL early Pace + HALL Final Fraction Pole) |

### **PACELINE**

|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| <b>PL</b>       | Type of paceline (T = true, L = last, # = number races back) |
| <b>DRF SPD</b>  | (ALL-Ways Only) DRF speed rating plus track variant          |
| <b>BRIS SPD</b> | BRIS speed rating                                            |
| <b>HLL SPD</b>  | HALL speed rating                                            |
| <b>BRIS CMB</b> | BRIS combined pace rating                                    |
| <b>HLL CMB</b>  | HALL combined pace rating                                    |
| <b>DYS AGO</b>  | Days since last race                                         |
| <b>DYS GD</b>   | Days since last good race                                    |
| <b>EFF 2/3</b>  | Index: Best 2 out of last 3 efforts                          |
| <b>HAM FRM</b>  | HAMBLETON form points                                        |
| <b>HLL FRM</b>  | HALL form index                                              |
| <b>WK</b>       | Workout analysis                                             |
| <b>FLG DYS</b>  | Workout furlong days                                         |
| <b>SGN</b>      | Index: Stretch gain performance                              |

### **Weighted moving averages**

|                      |                            |
|----------------------|----------------------------|
| <b>HALL SPEED</b>    | HALL speed rating          |
| <b>HALL COMBINED</b> | HALL combined pace rating  |
| <b>HALL TOTAL</b>    | HALL total pace rating     |
| <b>HALL TURN</b>     | HALL turn time pace rating |

## Report Headings: Form by the Numbers Report (continued)

|                   |                                 |
|-------------------|---------------------------------|
| <b>BRIS CLASS</b> | BRIS class rating for the horse |
| <b>B1</b>         | One race back                   |
| <b>B2</b>         | Two races back                  |
| <b>B3</b>         | Three races back                |
| <b>B4</b>         | Four races back                 |

### ***Hambleton Form Points***

|                 |                                                                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>REC</b>      | Points for recency                                                                                                                                                                        |
| <b>REC BNS</b>  | Bonus points for recency                                                                                                                                                                  |
| <b>CLO</b>      | Points for being up close                                                                                                                                                                 |
| <b>CLO BNS</b>  | Bonus points for being up close                                                                                                                                                           |
| <b>TRK</b>      | Points for performance at track                                                                                                                                                           |
| <b>DST</b>      | Points for performance at exact distance                                                                                                                                                  |
| <b>CLS</b>      | Points for performance at class level                                                                                                                                                     |
| <b>CLS DRP</b>  | Points for a class drop                                                                                                                                                                   |
| <b>2nd 3rd</b>  | Points for this being 2nd or 3rd race of career or after long layoff                                                                                                                      |
| <b>FAV</b>      | Points for being favorite last race                                                                                                                                                       |
| <b>WK</b>       | Points from workout analysis                                                                                                                                                              |
| <b>NO WIN</b>   | Point deduction for no wins                                                                                                                                                               |
| <b>NEG DROP</b> | Point deduction for negative drop (good last race but drop in claiming price or move down to claiming ranks from allowance company or drop from Maiden Special Weight to Maiden Claiming) |
| <b>4 YR RSE</b> | Point deduction for 4 yr. old rising in class ( last race not good but taking a rise in BRIS Race Rating)                                                                                 |
| <b>1st RTE</b>  | Point deduction for first route                                                                                                                                                           |
| <b>1st SPR</b>  | Point deduction for first sprint                                                                                                                                                          |
| <b>HAM TOT</b>  | Total HAMBLETON form points                                                                                                                                                               |
| <b>LO</b>       | Layoff indicator ("L")                                                                                                                                                                    |

### ◆ **REPORT HEADINGS: FORM GRAPHS**

Each form graphic report displays a graph for ONE handicapping factor. All of a horses last ten past performances are on the graph. The first race listed is the most recent race. The last race listed is the oldest race.

### ***Headings for each graph***

|             |                                          |
|-------------|------------------------------------------|
| <b>DIST</b> | Distance of the listed race              |
| <b>SF</b>   | Surface/distance code of the listed race |
| <b>CD</b>   | Track condition of the listed race       |
| <b>RATE</b> | BRIS race rating of the listed race      |

### ***Hall graphs***

|            |                                                       |
|------------|-------------------------------------------------------|
| <b>EP</b>  | Early pace rating                                     |
| <b>FF</b>  | Final fraction pace rating                            |
| <b>SPD</b> | Speed rating                                          |
| <b>CMB</b> | Combined pace rating (Early Pace plus Final Fraction) |
| <b>TOT</b> | Total pace rating (Early Pace plus Speed)             |
| <b>TRN</b> | Turn time pace rating                                 |

**BRIS graphs**

|            |                                                       |
|------------|-------------------------------------------------------|
| <b>EP</b>  | Early pace rating                                     |
| <b>FF</b>  | Final fraction pace rating                            |
| <b>SPD</b> | Speed rating                                          |
| <b>CMB</b> | Combined pace rating (Early Pace plus Final Fraction) |
| <b>TOT</b> | Total pace rating (Early Pace plus Speed)             |
| <b>CLS</b> | BRIS class rating                                     |

◆ **REPORT HEADINGS: BROHAMER PLUS REPORT**

**The Top Part of the Report**

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| <b>PG#</b> | post position or program (saddlecloth) number                                      |
| <b>ESP</b> | the horse's running style (E, EP, P or S)                                          |
| <b>QN</b>  | Quirin Speed Points                                                                |
| <b>PL</b>  | paceline designation (T = True, N = not a True race, # = the number of races back) |

**FRACTIONS**

|            |                                                                                                                        |
|------------|------------------------------------------------------------------------------------------------------------------------|
| <b>1st</b> | Horse's feet-per-second velocity in the 1st fraction (gate to 2 furlongs in sprints, gate to 4 furlongs in routes)     |
| <b>2nd</b> | Horse's feet-per-second velocity in the 2nd fraction (2 to 4 furlongs in sprints, 4 to 6 furlongs in routes)           |
| <b>3rd</b> | Horse's feet-per-second velocity in the 3rd fraction (4 furlongs to finish in sprints, 6 furlongs to finish in routes) |

|            |                                                                                                                                                                                                                                                                                                                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mfg</b> | <b>If this column includes the abbreviation "mfg", it means the Brohamer Compound Pace Ratings required Brohamer type adjustments to the feet-per-second calculations.</b><br>This happens when the horse's paceline race is a sprint and today's race is a route. This also happens if the horse's paceline race is a route and today's race is a sprint under 7 furlongs. |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**COMPOUND RATINGS**

|           |                                |
|-----------|--------------------------------|
| <b>EP</b> | Brohamer Early Pace Rating     |
| <b>AP</b> | Brohamer Average Pace Rating   |
| <b>SP</b> | Brohamer Sustained Pace Rating |
| <b>FX</b> | Brohamer Factor X Pace Rating  |

**RANKINGS**

|            |                                 |
|------------|---------------------------------|
| <b>EP</b>  | Brohamer Early Pace Ranking     |
| <b>AP</b>  | Brohamer Average Pace Ranking   |
| <b>SP</b>  | Brohamer Sustained Pace Ranking |
| <b>FX</b>  | Brohamer Factor X Pace Ranking  |
| <b>TOT</b> | Brohamer Total Pace Ranking     |

|              |                                           |
|--------------|-------------------------------------------|
| <b>%ERLY</b> | horse's Percent Early energy distribution |
|--------------|-------------------------------------------|

|               |                                                               |
|---------------|---------------------------------------------------------------|
| <b>AP 2/3</b> | average of the horses best two AP ratings in its last 3 races |
| <b>SP 2/3</b> | average of the horses best two SP ratings in its last 3 races |
| <b>FX 2/3</b> | average of the horses best two FX ratings in its last 3 races |

**The Middle Part of the Report**

The middle of the report includes a comprehensive Track Profile for the first call and second call .

The middle of the report includes the track's Percent Early Energy Distribution Range.

The middle of the report includes the Brohamer Track Model.

Please refer to the Track Bias Jockey/Trainer Report for a detailed description of how to interpret these track bias statistics.

**The Bottom Part of the Report****HALL PACE/SPEED 2/3 FIGURES**

|                   |                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>C1 1st</b>     | Average of the horse's best 2 Hall first call pace ratings out of its last 3 races (1st Fraction of the race)     |
| <b>TRN 2nd</b>    | Average of the horse's best 2 Hall Turn-Time pace ratings out of its last 3 races (2nd Fraction of the race)      |
| <b>FF 3rd</b>     | Average of the horse's best 2 Hall Final Fraction pace ratings out of its last 3 races (3rd Fraction of the race) |
| <b>EP</b>         | Average of the horse's best 2 Hall Early Pace ratings out of its last 3 races (gate to second call)               |
| <b>CMB</b>        | Average of the horse's best 2 Hall Combined pace ratings out of its last 3 races (EP + FF)                        |
| <b>SPD</b>        | Average of the horse's best 2 Hall Speed ratings out of its last 3 races                                          |
| <b>BRIS CLASS</b> | BRIS Class rating                                                                                                 |
| <b>TRUE CLASS</b> | BRIS True Class rating                                                                                            |

**Quirin Race Shape Performances**

This section of the report shows the Quirin Race Shape for each of the last five races for each horse and how the horse finished in the race. BACK 1 is the horse's last race. BACK 2 is two races back and so on.

|            |                                       |
|------------|---------------------------------------|
| <b>SH</b>  | Quirin Race Shape                     |
| <b>FN</b>  | the horse's finish position           |
| <b>LEN</b> | the horse's winning or beaten lengths |

**◆ REPORT HEADINGS: ALL PACE REPORT****Four pace groups**

|                     |                                                                            |
|---------------------|----------------------------------------------------------------------------|
| <b>1) LAST RACE</b> | The pace ratings for each horses last race                                 |
| <b>2) PACELINE</b>  | The pace ratings for each horses paceline as selected by ALL-Ways software |
| <b>3) LAST GOOD</b> | The pace ratings for each horses last <b>good</b> race                     |
| <b>4) LAST MUD</b>  | The pace ratings for each horses last <b>off track</b> race                |

**Common heading**

|                   |                                      |
|-------------------|--------------------------------------|
| <b>PG#</b>        | Post or program (saddlecloth) number |
| <b>HORSE NAME</b> | Name of horse                        |
| <b>DIST</b>       | Distance                             |
| <b>SD</b>         | Surface/distance code                |

## Report Headings: All Pace Report (continued)

|                                                                   |                                    |
|-------------------------------------------------------------------|------------------------------------|
| CD                                                                | Track condition                    |
| R                                                                 | Age/Sex restriction code (ASR 1-5) |
| RATE                                                              | BRIS race rating                   |
| FN                                                                | Finish position                    |
| SH                                                                | QUIRIN race shape                  |
| DA                                                                | Days ago                           |
| PL                                                                | Paceline code                      |
| (T = true, L = last, G = good, M = mud, # = number of races back) |                                    |

### Hall figures

|      |                                                       |
|------|-------------------------------------------------------|
| EP   | Early pace rating                                     |
| FF   | Final Fraction Pace Rating                            |
| SPD  | Speed rating                                          |
| COMB | Combined pace rating (Early Pace plus Final Fraction) |
| TRN  | Turn time pace rating                                 |

### BRIS figures

|     |                                                       |
|-----|-------------------------------------------------------|
| EP  | Early pace rating                                     |
| FF  | Final fraction pace rating                            |
| SPD | Speed rating                                          |
| CMB | Combined pace rating (Early Pace plus Final Fraction) |

### Hambleton figures

|     |                       |
|-----|-----------------------|
| EPR | Early pace rating     |
| FFR | Final fraction rating |
| TPR | Total pace rating     |

### Brohamer figures

|     |                                             |
|-----|---------------------------------------------|
| EP  | Early pace <i>ranking</i>                   |
| AP  | Average pace <i>ranking</i>                 |
| SP  | Sustained pace <i>ranking</i>               |
| FX  | Factor X <i>pace ranking</i> (sprints only) |
| TOT | Total pace <i>ranking</i>                   |
| ESP | Horses preferred running style (ESP 1 - 4)  |

## ◆ REPORT HEADINGS: PACE PAST PERFORMANCE REPORT

### Common header

|           |                                                       |
|-----------|-------------------------------------------------------|
| DA        | Days ago from today's race date                       |
| DS        | Days from past performance race date to previous race |
| TRK       | Track where race was run                              |
| DIST      | Distance of race                                      |
| SD        | Surface/Distance code                                 |
| CD        | Condition of race                                     |
| R         | Age/Sex restriction (ASR 1-5)                         |
| RACE RATE | BRIS race rating                                      |
| SH        | QUIRIN race shape                                     |

### Hall figures

|    |                        |
|----|------------------------|
| C1 | First call pace rating |
| EP | Early pace rating      |

## Report Headings: Pace Past Performance Report (continued)

|            |                                                       |
|------------|-------------------------------------------------------|
| <b>FF</b>  | Final fraction pace rating                            |
| <b>SPD</b> | Speed rating                                          |
| <b>CMB</b> | Combined pace rating (Early Pace plus Final Fraction) |
| <b>TOT</b> | Total pace rating (Early Pace plus Speed)             |
| <b>TRN</b> | Turn time pace rating                                 |

### ***BRIS figures***

|            |                                                       |
|------------|-------------------------------------------------------|
| <b>C1</b>  | First call pace rating                                |
| <b>EP</b>  | Early pace rating                                     |
| <b>FF</b>  | Final fraction pace rating                            |
| <b>SPD</b> | Speed rating                                          |
| <b>CMB</b> | Combined pace rating (Early Pace plus Final Fraction) |
| <b>TOT</b> | Total pace rating (Early Pace plus Speed)             |

### ***Hambleton figures***

|            |                       |
|------------|-----------------------|
| <b>EPR</b> | Early pace rating     |
| <b>FFR</b> | Final fraction rating |
| <b>TPR</b> | Total pace rating     |

### ***Second call and finish***

|            |                                         |
|------------|-----------------------------------------|
| <b>PS</b>  | Position at second call/Finish position |
| <b>LEN</b> | Lengths behind or winning lengths       |

### ***Header for each horse***

|                      |                                                 |
|----------------------|-------------------------------------------------|
| <b>ESP</b>           | Preferred running style of horse (ESP 1-4)      |
| <b>PERCENT EARLY</b> | Preferred early energy expenditure of the horse |

# appendix d

## ◆ ALL-WAYS SOFTWARE FILE STRUCTURE

ALL-Ways software uses three directories on your hard disk. (You can change the disk drive designation):

- c:\ Windows\System
- c:\ franfile
- c:\ frandata

### **Windows/system directory**

ALL-Ways software uses many files in your Windows\System directory. Some of these files may also be used by other Windows programs. You should never erase any files in your Windows\System directory unless you are absolutely sure they are not used by any program that you use.

### **FRANDATA directory**

The FRANDATA folder holds the data files you download from BRIS. If you download in “ZIP” compressed format, you must unzip them using the ALL-Ways Toolbox Module “UNZIP” function. The file names will look something like these shown below:

|                  |              |
|------------------|--------------|
| “ZIP” COMPRESSED | SAX0212L.ZIP |
| AFTER UNZIP      | SAX0212.ALW  |

### **Race Card Files Downloaded From BRIS**

These files typically take up 350,000 to 500,000 bytes each, after they are decompressed. Once you have used these files to update pars and you have translated them, ALL-Ways software has no further need for them. You should periodically use the “ZIP” function in the ALL-Ways software Toolbox Module to remove them from your hard disk and write them on to removable disks for backup/archive purposes. If you do not want to archive them, you can simply delete them from your Frandata folder. Use the “EMPTY FRANDATA” function in the toolbox to do this.

### **FRANFILE directory**

This directory contains several hundred files that are essential to ALL-Ways software. A brief explanation follows. Note that “XXX” indicates the 3 character track code belongs here.

| FILE NAME               | PURPOSE                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| HISTDB.XXX , HISTDX.XXX | Race History database used to calculate Track Pars, Daily Track Variants, Race Shapes and Track Profiles |
| PARS2.XXX , PARSDX.XX   | Track pars file                                                                                          |
| PROFILE.XXX             | Track Profile file                                                                                       |
| VAR.XXX                 | Daily Track Variants file                                                                                |

|                         |                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| SHAPE.XXX               | Track Race Shape file                                                                                                                        |
| PHONE                   | Communications Module phone number list                                                                                                      |
| RACEDB.XXX , RACEDX.XXX | Track Race Database used for handicapping, results update and all analyses                                                                   |
| IV.XXX , IVDEX.XXX      | Handicapping Profiles                                                                                                                        |
| RANKDEF                 | The Top 10/Ranking report definitions                                                                                                        |
| PREFER                  | Your preferences                                                                                                                             |
| CUSTREP                 | Your Custom Reports (Professional Edition only)                                                                                              |
| FACTORPREF              | Your preferences for factors to print on the All Factors, IV Analysis and Top 3 Analysis reports and factors to be used by the MRA functions |
| GAP_1.XXX               | Gap Analysis Statistics: If xxx = DF1, these are the Default Gap Statistics                                                                  |
| GAP_SEARCH_DEF.XXX      | Pro Custom Search Definitions                                                                                                                |
| KEYSTAT.XXX             | Key Horse Statistics: If xxx = DF1, these are the Default Key Statistics                                                                     |
| VERSION 10_DONE         | This file was created after Version 10 was first started up. Eliminating this file forces Version to check all files for correct formats.    |

#### ◆ **BACKING UP YOUR DATA**

As a general rule, you should back up all the content of your FRANFILE folder on a frequent basis. The ALL-Ways Toolbox Module includes ZIP and UNZIP functions to make this an easy process. For a complete backup, you should:

- ZIP each Race Database
- ZIP all History Files
- ZIP all Handicapping Profiles
- ZIP all miscellaneous files

---

#### **Important**

***Remember the old piece of wisdom that says “It is not if you will have a hard disk crash ... it’s when”. Please back up the contents of your FRANFILE folder!***

---

# appendix e

## ◆ SUPPORT AND TROUBLESHOOTING

### **Support**

Because ALL-Ways software has been extensively field tested, you should have few, if any, problems using the software. That is why this troubleshooting chapter is relatively short.

You have two sources to turn to for support.

#### **Bloodstock Research Information Services**

BRIS personnel can generally answer your questions and resolve problems associated with downloading race card files from their computer to your computer. In the *rare* case that you have a downloading problem, before calling BRIS, you should download the race card file a second time. The problem will most likely correct itself and BRIS will give you a credit for one of the two downloads if you request it. If you still have a problem, you should call BRIS for support.

You can reach BRIS by calling 1-800-354-9206.

#### **Frandsen Publishing Corporation**

You should call Frandsen Publishing for any other problem that you experience. If the problem is not keeping you from handicapping the races log the problem and, after a while, mail the log to:

Frandsen Publishing Corporation  
PO Box 1439  
Minnetonka, Minnesota 55345

If you have a problem that is keeping you from handicapping the races:

- 1 → Check this Troubleshooting Appendix for the answer
- 2 → Reread the chapter of the manual covering the area in which you are having a problem.
- 3 → If you still have a problem call:

Frandsen Publishing Corporation  
952.937.9180

You can also send an e-mail to [frandsen@qwest.net](mailto:frandsen@qwest.net)

### **Future enhancements**

We will be publishing enhanced versions of ALL-Ways software at the rate of about one per year. The next several enhanced versions are already on the drawing board. We would very much like to hear from you if you have ideas as to how we can make ALL-Ways software an even more powerful handicapping software tool. Please write your ideas down and, after a while, mail them to Frandsen Publishing.

### **Troubleshooting**

#### **Installation problems**

##### **Insufficient disk space**

In round numbers, you will need about 30 million bytes of free hard disk space on your hard disk drive to install ALL-Ways software. If you get an error message indicating that you have insufficient disk space, here are some things you may want to check or do.

If you partitioned your hard disk into drive “C” and drive “D”, you should consider installing ALL-Ways software on the drive that has the most free disk space.

If you simply do not have space on your hard drive, you will need to remove some files. Windows installs many files that you probably will never use. Your Windows users manual has a chapter devoted to managing disk files that contains many suggestions of files that you can safely remove. Another opportunity to free up disk space is to remove applications that you installed but no longer want or need. If the application is a widely use consumer application, you may want to purchase the “UN INSTALLER” program published by Microhelp. You will find it at your software store.

### Cannot install a file during setup

If you get a message during the setup process of installing ALL-Ways software that a particular file cannot be installed, follow these instructions:

- 1 → Write down the name of the file that cannot be installed
- 2 → Create a temporary directory on your hard drive
- 3 → Look in the C:\windows\System directory for a file with the same name as the file that could not be installed
- 4 → Move this file from the c:\Windows\System directory to the temporary directory (move ... not copy)
- 5 → Run the ALL-Ways software setup program again. It should run fine

### Error messages

#### Probable printer font problem

If you receive an error message that says “Invalid Property Value”, it means your PRINTER DRIVER does not support the “COURIER NEW” type font. This is easy to fix.

ALL-Ways software uses the Courier New printer font. This is a True Type Font that is **always** delivered with Windows software. If you get the font problem message, chances are that you are using the wrong print driver. This is very easy to check and to correct. You can determine if this is the problem by starting up the Write program that comes with Windows or any modern word processing software. Try to change the font that is in use and see if the Courier New font is in the font list. If it is not there, you will need to change the printer driver.

To change the printer driver, click on the “PRINT MANAGER” icon in the Main Program Group in Program Manager. Now, select a different print driver from the list that you think may work with your printer. For example, if you have a laser printer, use one of the HP Laserjet drivers. You can test if the change has fixed the problem by looking for the Courier New font in the font list of a word processor program.

#### Run Time Error #9 (Subscript Out of Range)

The two most common causes of this error message are:

- 1 → One of the files in your Franfile folder is either corrupted or is not in the correct format for the version of ALL-Ways software that you are using. Before calling for support, please click the TEST button in the Toolbox

Module and then start up ALL-Ways again. ALL-Ways software will then test all the files in the Franfile folder. It will automatically convert older format files to the current version. It will also give you a message as to what file has a problem.

- 2 → In the Professional Edition, one of the fields in the Top 10/Ranking Report is missing a factor assignment. You can check this by looking at your Top 10/Ranking Report layouts in the CUSTOM-RANKING Module. If there is a missing field, simply assign a Handicapping Factor to the field and then see if the problem goes away.

If, after checking these possibilities, you still have a problem, then call BRIS or Frandsen Publishing for assistance.

### **Run Time Error #75 (Path/File Access Error)**

Quite often this problem is caused by a file in your Franfile folder having been mistakenly turned into a Read-Only file by CD Writer software. Here are simple instructions to clear such an error.

- 1 → Open the Franfile folder
- 2 → Click EDIT at the top of the Franfile folder window. This will drop down a menu list.
- 3 → Choose SELECT ALL. This will highlight all files in the Franfile folder.
- 4 → Right mouse click one time on the highlighted files. This will drop down another menu list.
- 5 → Select PROPERTIES.
- 6 → Uncheck the READ ONLY checkbox.
- 7 → Click APPLY or OK.

This will remove the Read-Only attribute for all files in Franfile. There should never be any Read-Only file in the Franfile folder.

### **Communications problems**

Communications by computers is a very complex process. Here is how to correct the most common kind of problems.

#### **The phone doesn't dial**

- Make sure that you have the proper communications port setting in the Directory Settings. See Chapter 3 (Communications Module).
- Make sure your modem is properly connected to your computer and is turned on.
- Make sure your telephone line is in good working order by picking up the phone and listening for a dial tone.
- Make sure the phone number is correct
- If you still have a problem, exit ALL-Ways software, turn your computer off, restart the computer, restart ALL-Ways software and try to dial the number again.

#### **The remote computer doesn't send a message ... the terminal screen still just shows the number dialed**

- If you are using a 14400 baud modem, make sure you set the baud rate in the ALL-Ways Communication Module to 19200 baud. This is the recommendation of BRIS.
- Exit ALL-Ways software, turn off your computer, restart your computer and redial the number.
- If you still have a problem, wait about 15 minutes or so and try again.

ALL  Ways™

# appendix f

## ◆ BIBLIOGRAPHY

Many great handicapping books have been published. One interesting and welcome thing about thoroughbred horse racing is that the professionals and the experts are quick to share their ideas, discoveries and insights. The bibliography that follows is not a complete list of all the fine handicapping books available. The list does contain the works of the authors that most heavily influenced the design of ALL-Ways software. You will benefit greatly by reading these books, if you have not already done so. These books will help you get the most out of ALL-Ways software and will be very enjoyable reading. An asterisk (\*) indicates books that you should put high on your priority list.

### \*MODERN PACE HANDICAPPING

Author: Tom Brohamer  
Preface by Howard Sartin  
Published: 1991 by William Morrow and Company, Inc.

### INVESTING AT THE RACETRACK

Author: William L. Scott  
Forward by Tom Ainslie  
Published: 1981 by Simon and Shuster, Inc.

### \* TOTAL VICTORY AT THE TRACK

Author: William L. Scott  
Published: 1988 by Amicus Press

### \* PACE MAKES THE RACE

An Introduction to the Sartin Methodology  
Authors: Tom Hambleton, Dick Schmidt, Michael Pizolla and Dr. Howard Sartin  
Published: 1991 by O. Henry House Publishers

### \* FORM POINTS

Author: Tom Hambleton  
Published: 1993 by Tom Hambleton

### THOROUGHBRED HANDICAPPING, STATE OF THE ART

Author: William L. Quirin, Ph.D.  
Published: 1988 by William Morrow and Company, Inc.

### HANDICAPPING BY EXAMPLE

Author: William L. Quirin, Ph.D.  
Published: 1988 by William Morrow and Company, Inc.

### \* WINNING AT THE RACES

Computer Discoveries in Thoroughbred Handicapping  
Author: William L. Quirin, Ph.D.  
Published: 1979 by William Morrow and Company, Inc.

### HIGH-TECH HANDICAPPING IN THE INFORMATION AGE

Author: James Quinn  
Published: 1986 by William Morrow and Company, Inc.

### \*THE NEW EXPERT HANDICAPPERS

Author: James Quinn  
Published: 1989 by William Morrow and Company, Inc.

### \*THE BEST OF THOROUGHBRED HANDICAPPING

Advice on Handicapping From The Experts  
Author: James Quinn  
Published: 1987 by William Morrow and Company, Inc.

### THE HANDICAPPER'S CONDITION BOOK

An Advanced Treatment of Thoroughbred Class  
Author: James Quinn  
Published: 1986 by William Morrow and Company, Inc.

### \*FIGURE HANDICAPPING

Author: James Quinn  
Published: 1992 by William Morrow and Company, Inc.

# appendix g

## ◆ FREQUENTLY ASKED QUESTIONS

This Appendix section includes brief articles covering major recommendations and answers to frequently asked questions. The articles are listed below. There is an extensive number of FAQ's in the Support section of the ALL-Ways Web site at [www.frandsen.com](http://www.frandsen.com).

1. Start using custom Handicapping Profiles as soon as possible.
2. Segment the races by race type
3. Follow good wagering and money management practices
4. What is the best way to get started with ALL-Ways software?
5. What is the best way to get to learn to read the handicapping reports?
6. What is the best way to get to learn the meaning of each handicapping factor?
7. Which Handicapping Profile(s) should I use to handicap a race?
8. How can I tell if a horse can run to the par times of today's race?
9. How do you read the Impact Value (IV) Report?
10. What are the Impact Value ranking schemes for each of the 87 handicapping factors?
11. What is the proper way to test MRA profiles using the Database Run Analysis?

### 1→ ***Start using custom Handicapping Profiles as soon as possible!***

When you first use ALL-Ways software to handicap races at a specific track, you must use the default Handicapping Profiles that are supplied with ALL-Ways software. These default Handicapping Profiles are averaged for all tracks in the country. Therefore, the default profiles work better at some tracks than they do at others.

Now, ALL-Ways software automatically builds a Race Database for every track you handicap. Each time you process a race card data file, ALL-Ways software adds the races to the Race Database for the track. When you process the race results file, ALL-Ways software automatically adds the race results to the Race Database for the track. This Race Database is then available to the ALL-Ways Analysis Module.

The Analysis Module can be used several different ways to analyze the Race Database for a track. You can click the Multiple Regression Analysis Default function (MRA DEF) and ALL-Ways will automatically replace the default Handicapping Profiles originally supplied with ALL-Ways software (remember, they are averaged for all tracks) with MRA profiles that are tuned to the specific types of races run at the specific track. You can also use the Impact Value Analysis to automatically calculate the power of each of the 87 key handicapping factors in terms of predicting the winning horse for the specific types of races run at the specific track. Then you can create your own custom Handicapping Profiles based on these Impact Values. In the Professional Edition, you can set the race screens to analyze very specific kinds of races and then click the Multiple Regression Analysis Custom function (MRA CUSTOM) to automatically create Handicapping Profiles for the specific track that are highly targeted at specific types of races.

The new MRA Pace function in Version 7.0 automatically creates Handicapping Profiles based on the concept of Race Pace Shapes and has proven to be an incredibly powerful way to segment the races.

Isolating the analysis to a specific track is a major, incredibly powerful feature of ALL-Ways software. **Most other handicapping software does not differentiate between tracks.** Well, we know that what works at one track does not necessarily work at another track. Our studies show that Handicapping Profiles created for one track do not travel well to another track but do travel extremely well from year-to-year at the same track. What we are saying is that for any handicapping methodology to be effective, it absolutely must be tailored to each specific track. **In this age of simulcasting, it is imperative for handicapping software to be track specific. ALL-Ways is such software.**

Just as different tracks must be handicapped differently, so must different races be handicapped differently. To state the obvious, sprints are fundamentally different than routes, turf races are fundamentally different than dirt races, and maiden races are fundamentally different than non-maiden races (See our April, 1997 newsletter.). Now lets state some race types that may not be so obvious. Allowance races are different than claiming races. Seven-furlong sprints are different than 6-furlong sprints. Maiden races for two-year-olds are different than maiden races for three-year-olds. Races with multiple front-running style horses are different than races with only one front runner. Races for higher-class horses are different than races for lower level horses. We could keep going on and on, but we think the point is made. **To be effective, not only must handicapping software be able to be tuned to a specific track, it must also be able to be tuned to specific race types run at the specific track. ALL-Ways is such software.**

Whether you use the MRA Default profiles, the MRA Pace profiles or the MRA Custom profiles or you create your own custom profiles, you will get vastly improved performance form ALL-Ways software then is possible by using the original default profiles. All of these profiles are customized to the track. As soon as you have 60 to 80 races or so in the Race Database for a track, you should start using the Analysis Module capabilities to generate Handicapping Profiles for the specific track.

### 2→ **Segment the races by race type**

The single most important thing you can do *right now* to improve your selections and your profitability is to aim your Handicapping Profiles directly at specific types of races run at the tracks you handicap. Sprints are fundamentally different than routes. Dirt races are fundamentally different than turf races. Maiden races are fundamentally different than non-maiden races. These are the three areas that represent the **minimum** level of race segmentation.

To illustrate the point, let's look at the results of some Impact Value Analyses for the eight factors making up the form group of ALL-Ways software's handicapping factors. We ran the IV Analysis individually for dirt sprints at four different tracks, first for maiden and non- maiden races combined and then individually. The table below shows the top handicapping factor in the form group based on the highest Impact Value.

| Track                                 | Best Form Factor | IV  |
|---------------------------------------|------------------|-----|
| <i>Non-Maiden and Maiden Together</i> |                  |     |
| SAX                                   | Effort 2/3       | 1.7 |
| BMX                                   | Effort Last      | 1.3 |
| OPX                                   | Effort 2/3       | 2.3 |
| TUP                                   | Effort 2/3       | 2.2 |
| <i>Maidens Only</i>                   |                  |     |
| SAX                                   | Hambleton Form   | 2.2 |
| BMX                                   | Hambleton Form   | 1.8 |
| OPX                                   | Workouts         | 2.3 |
| TUP                                   | Hambleton Form   | 2.2 |
| <i>Non-Maidens Only</i>               |                  |     |
| SAX                                   | Effort 2/3       | 1.9 |
| BMX                                   | Effort 2/3       | 1.4 |
| OPX                                   | Effort Last      | 1.8 |
| TUP                                   | Effort 2/3       | 1.9 |

## Frequently Asked Questions (continued)

Notice how the IV Analysis for maidens identified Hambleton Form Points and the Workout Index as the most powerful form factors for maiden dirt sprints, yet they did not even show up in the IV Analysis for maidens and non- maidens combined.

We used the MRA Custom Function to automatically create Handicapping Profiles for dirt sprints, with one combining maidens and non-maidens and then separate profiles for maiden and non- maidens. Look at the dramatic ROI improvement when maiden and non- maiden races are separated.

| Track                                 | Win % | ROI  |
|---------------------------------------|-------|------|
| <i>Non-Maiden and Maiden Together</i> |       |      |
| SAX                                   | 31%   | -9%  |
| BMX                                   | 31%   | -16% |
| OPX                                   | 36%   | -3%  |
| TUP                                   | 39%   | 7%   |
| <i>Maidens Only</i>                   |       |      |
| SAX                                   | 44%   | 34%  |
| BMX                                   | 37%   | 63%  |
| OPX                                   | 31%   | 27%  |
| TUP                                   | 35%   | 26%  |
| <i>Non-Maidens Only</i>               |       |      |
| SAX                                   | 32%   | 15%  |
| BMX                                   | 39%   | 25%  |
| OPX                                   | 38%   | 18%  |
| TUP                                   | 46%   | 47%  |

The Default Handicapping Profiles, both those originally supplied with ALL-Ways software and those automatically generated by the MRA Default function, use this minimum level of race segmentation. In both cases, there are five groups of three profiles. There is a group for non-maiden dirt sprints, non-maiden dirt routes, all turf races, maiden dirt sprints and maiden dirt routes.

Lets stop a minute. You now know that both the original and the MRA default profiles segment the races into five types of races, which we consider to be the minimum segmentation to be successful. You also know that you should run the MRA Default function as soon as possible so that the default profiles are tuned to the specific track. You could stop right here and do exceedingly well with ALL-Ways software by simply making sound wagers and practicing good money management.

**NOTE: In ALL-Ways software Version 7.0, the MRA Pace function was added that automates the creation of Handicapping Profiles based on the Race Pace Shape segmentation method that is described below.**

But, we do not want to leave the subject of race segmentation just yet. We are getting great reports from a number of ALL-Ways software users regarding one particular race segmentation strategy. We have tried it, also with impressive results.

We will call this The Race Shape Segmentation Strategy. In our October, 1996 newsletter, we showed you how to put the eleven possible ESP Race Shapes that ALL-Ways software designates for a race into four different categories. Here is the chart that we showed you.

| <b>Category</b>   | <b>ESP Race Shape</b> |
|-------------------|-----------------------|
| <i>FAST</i>       | EEE, EE               |
| <i>LONE EARLY</i> | E, EP, EP-P           |
| <i>HONEST</i>     | E-EP, EP-EP           |
| <i>SLOW</i>       | PP, PS, S             |

The Race Shape Segmentation Strategy calls for you to create a set of Handicapping Profiles for non-maiden races for each of the four categories and another set for maidens. Here is a list of the Handicapping Profiles you may end up with:

fast dirt sprint non-maiden (fast ds nm)  
fast dirt route non-maiden (fast dr nm)  
fast turf non-maiden (fast turf nm)  
lone early dirt sprint non-maiden (lone ds nm)  
lone early dirt route non-maiden (lone dr nm)  
lone early turf non-maiden (lone turf nm)

honest dirt sprint non-maiden (hon ds nm)  
honest dirt route non-maiden (hon dr nm)  
honest turf non-maiden (hon turf nm)

slow dirt sprint non-maiden (slow ds nm)  
slow dirt route non-maiden (slow dr nm)  
slow turf non-maiden (slow turf nm)

You will also have a set for maiden races. In reality, you will not have all these Handicapping Profiles until your Race Database for a track is quite large. For example, you will find that there are not many non-maiden SLOW category races. Almost all SLOW races are maiden races. Note also that, at some point, you may have enough races for off tracks and for turf sprints.

Creating these Handicapping Profiles is very easy. As an example, consider creating the FAST NON-MAIDEN profiles. Step one is to click the CREATE button in the Analysis Module. This gets you to the race screens. Simply turn on all Race Types except maidens and turn on only the “EEE” and “EE” ESP Race Shapes. Then create the dirt sprint, dirt route and turf profiles as you normally do by running the IV Analysis, saving the calculated Impact Values, selecting the best handicapping factors and then going to the Profile Module to actually create the profiles. If you are unsure how to do this, please read the two chapters in the ALL-Ways Software User Manual covering the Analysis Module and the Profile Module. Professional Edition users may choose to use the Multiple Regression Analysis Custom function to automatically create the profiles. If so, you should turn the pace factors on before running the MRA Custom function.

If you have not yet advanced to the point of creating your own Handicapping Profiles in ALL-Ways software, you really should make it a point to do so. This is how you can really unleash the power of ALL-Ways software. It is very easy to do and you will be rewarded well for doing so. Plus, it is a lot of fun. How many other things can you think of that are both fun and profitable.

### **Additional Race Segmentation**

There are nine different race screens in the ALL-Ways Analysis Module that can be used in any combination to screen-in/screen-out any set of races. You can use these race screens to segment races so your Handicapping Profiles can be aimed at an almost infinite array of race groups. Here are the nine race screens:

Track Surface

Race Types

Race Class Ratings

## Frequently Asked Questions (continued)

Track Condition

Race ESP Shapes

Winner's mutuel Win Payoff

Race Distances

Race Age and Sex Restrictions

Race Dates

You need not worry about surface or condition because ALL-Ways software automatically segments these races. Let's look at the other possibilities.

### Distance

ALL-Ways software automatically segments sprints and routes. This race screen allows you to go even further to isolate specific distances or groups of distances. For example, you may want to analyze and to set up specific Handicapping Profiles for short sprints at 5 1/2 furlongs and under, middle range sprints of 6 and 6 1/2 furlongs and long sprints of 7 and 7 1/2 furlongs. Short sprints are indeed run differently. They tend to be all out dashes to the wire. Middle sprints often require tactical speed and long sprints usually do.

### Race Types

As we said in our previous newsletter, you should always use this race screen to separate maiden and non-maiden races. You can also use these race screens to isolate graded stakes races, non-graded stakes races, allowance races and claiming races. A number of ALL-Ways software users have reported good results by isolating allowance races separately from claiming races.

### Race Class Rating

This race screen lets you set a specific range of BRIS Race Ratings. This is a way, for example, that you can isolate very high class races (which generally have Race Ratings above 117) from middle class races (which generally have Race Ratings between 108 and 117) from lower class races (which generally have Race Ratings under 108). Many handicapping books tell you that all \$10,000 claiming races are at the same class level at all tracks in the North America. This is simply not the case. Even \$10,000 claiming races at the same track can have a 3 or 4 point difference in class level. Indeed, this explains the incredible power of the BRIS Race Rating figures. They show you the real class within a class. And All-Ways software lets you segment races based on these powerful ratings.

### ESP Race Shapes

Please read our October, 1996 and our April, 1997 newsletters for a thorough explanation of how to segment races using these ESP Race Shapes. If you do not have these newsletters, contact Frandsen Publishing and we will be glad to send them to you at no charge.

### ASR (Age and Sex Restrictions)

There are five ASR categories: **1)** 3 years and up males and females; **2)** 3 years and up females only; **3)** two year olds; **4)** 3 year olds only males and females; **5)** 3 year olds only females only. Once your Race Database has enough races, you should create a profile aimed at 2 year olds in dirt sprints. These youngsters rarely do anything other than run as fast as they can for as far as they can. Another race segmentation you may want to try is for 3 year olds. These horses mature rapidly and constantly during their sophomore (3 year old) season. A segmentation strategy that has been reported to be effective is to have a set of profiles for three year olds running during the first eight months of the year and a separate set for the last four months of the year. You will have to wait to use this idea until your second year of using ALL-Ways software.

### Race Dates

We just gave you a way to use date cutoffs for handicapping 3 year olds. Another use of the Race Date Screens is to limit

any analysis to the most recent races. Still another use is to have separate profiles for each meet at tracks that run more than one meet in a year. The Oak Tree meet at Santa Anita is one example. This race screen may be particularly important for tracks that make use of inner tracks during a separate meet such as the inner dirt track at Aqueduct.

### **Winners Win Payoff**

This is an incredibly powerful race screen in ALL-ways software. The most obvious use of this race screen is to build profiles aimed at finding high payoff horses.

In summary, there is an almost infinite number of ways you can segment the races when creating Handicapping Profiles. This may well be the single most powerful feature in ALL-Ways software. And, ALL-Ways software gives you the ability to not only create the profiles but to measure their effectiveness as well by running a Database Run Analysis.

### **3→ Follow good wagering and money management practices**

Let's do some level setting. Taken as a whole, all betterers at the track have a *negative* ROI equivalent to the tracks takeout, often around 17%. That's a -17% ROI. If you bet the post time favorite to win in every race, you would have a win percentage of about 30% to 32% and your ROI would be in the area of a negative ten percent (-10%). Professionals strive for ROI's in the range of 20%. If you learn to use the power of ALL-Ways software, apply basic handicapping skills and follow good betting and money management practices, your ROI should be at or near the top of the professional level range. Those of us that have been involved with All-Ways for some time are achieving this level of performance and, we are happy to report, so have a majority of our All-Ways Handicapping partners who have put the effort into mastering the use of their All-Ways software.

There are four simple, disciplined things you need to do to approach the professional level. The "things" are easy. The discipline is not.

#### **1. Put thought and effort into developing your All-Ways Handicapping Profiles.**

"No pain, no gain" and "no free lunch" are old adages that are right on the mark. Study and understand the handicapping factors in All-Ways. Study, understand and use the Analysis Reports. This will not only help you develop predictive Handicapping Profiles, it will also help you apply sound handicapping judgment when selecting the horse(s) you are going to bet. By all means, use the Multiple Regression Analysis (MRA) functions in the Analysis Module to automatically create Handicapping Profiles that are tuned specifically for the tracks you play.

#### **2. Never blindly accept the computers first pick.**

All-Ways was designed to give you access to extensive, powerful handicapping information ... information for you to use to apply your own handicapping skills... information not available anywhere else ... information not in the hands of the general public. You should use this information to the maximum extent possible.

- Look for reasons why the first pick might not win. Maybe the horse is falling out of form. Maybe the pace of the race is setting up wrong for this horses running style. Maybe this horse is set to bounce, etc., etc., etc.
- Ask yourself: "If the first pick doesn't win, which horse is the most likely to beat it." This examination may well lead you to compelling reasons to bet this alternate horse.
- Watch the tote board action for unexpected support of another horse. Look at the handicapping information in ALL-Ways software to see if you can figure out why the horse is getting support. Maybe the support is justified.

### 3. Do not bet every race.

At least do not bet serious money. Entertainment bets are certainly OK. After all, this is supposed to be fun too. Some races are just too contentious to risk your bankroll. Professionals will tell you that they hope to find 1 to 3 playable races on a card. With ALL-Ways software, we have been able to bet 4 to 6 races on a typical ten race card and maintain a solid ROI. But, if we bet every race, our ROI would surely turn negative.

The Contender Summary handicapping report in ALL-Ways software warns you of races you may want to avoid. If the Hall Comprehensive total figures are all bunched in a narrow range and if there are a lot of contenders, such as 6 horses in an 8 horse field, you should generally pass the race. Bet the race if you can find a clear reason to back one of the horses **with conviction** such as a speed or class standout or a lone early runner that will be loose on the lead and is capable of running to the par times. If you can't bet with conviction, pass the race.

### 4. Follow good betting and money management practices

This is easier said than done. But, it must be done. We are not going to give you a lot of advice on this subject, just a few tips. There are many good books on the subject of betting strategies and money management. We particularly like some of the works of Dick Mitchell.

Here are a few tips:

- Demand value. Bet on overlays, not underlays. Demand premium payoffs on Exacta and doubles. The Exacta matrix on the Contender Summary report shows you the fair Exacta payoff and the premium payoff you should demand.
- Do not go overboard on combination bets. Instead of a 3 horse Exacta box (ABC/ABC, a \$12 bet), see if you can narrow the horses on top to just two horses (AB/ABC). This only cost \$8. Instead of a four horse Trifecta box that costs \$48 (a \$2 ticket), try keying your top pick (A/BCD/BCD, BCD/A/BCD, BCD/BCD/A). This only costs \$36. Try to find a single horse in one of the races of a pick 3. Betting three horses in each race of a pick 3 will cost you \$54 (a \$2 ticket). Three horses in each of two races and a single horse in one race will only cost you \$18. Instead of wagering \$54 to win a \$2 Pick 3 bet, wager \$54 to win it 3 times (i.e., a \$6 bet). If you have to bet too many combinations, then you probably do not have the race(s) figured out. Maybe they are too contentious and simply can't be figured out **with conviction**.
- When you have a **strong conviction** that you have spotted the probable winner that the public has missed and the horse is a solid overlay, bet your **conviction** with confidence and "crush" the race with a prime bet.
- Have a betting strategy and a money management strategy. Now there are many possible strategies and their are as many expert proponents as their are expert opponents for every one of them. The actual strategies that you adopt are not as important as the fact that you have some kind of strategy. This instills a discipline in your wagering that will both save you money and make you money. You should have a personal betting strategy for betting Exacta, Trifecta, doubles and pick 3's. You should have a strategy for your typical bets as well as your prime bets aimed at crushing a race. You should know, in advance, what odds you will require before you will bet two horses to win and whether you will bet them equally or "Dutch" them. You should know how you are going to manage your bankroll, perhaps fixed dollar bets or a percentage of bankroll approach or any other planned , consistent approach. Having some kind of strategy and sticking to it in a reasonable fashion means your wagering will be disciplined. You will avoid the single biggest problem faced by losing horseplayers which is last minute , insecure, undisciplined betting.

There you have it. These are the four things we suggest you do to approach a professional level of play.

- 1 → Put study, thought and effort into learning to use ALL-Ways software effectively
- 2 → Never blindly accept the computers first pick
- 3 → Do not try to bet every race
- 4 → Develop your own disciplined betting and money management strategies

### **4→ What is the best way to get started with ALL-Ways software?**

We will keep this answer reasonably brief. First, let's review the process (mechanics) for handicapping a race card in ALL-Ways software.

- |        |                                                                             |
|--------|-----------------------------------------------------------------------------|
| Step 1 | Download the ALL-Ways software data file from BRIS                          |
| Step 2 | Unzip the data file                                                         |
| Step 3 | Process the data file in the Par Update function                            |
| Step 4 | Process the data file in the Translate function                             |
| Step 5 | Handicap the races in the Handicapping Module                               |
| Step 6 | Enter the results using the Automatic function in the Results Update Module |

Now, we will try to answer the question with some simple do's and do not's.

**Do not** try to read the entire User Manual. Use the User Manual as a reference manual. Go to it when you have a question.

**Do** read the paper "How ALL-Ways Works". You can view and/or print this paper from the Support section of our Web site. It is also included with this manual and/or as a file when you install ALL-Ways software. This brief five-page paper will give you a good feel for the concepts behind ALL-Ways software.

**Do** read through the Quick Start Manual so you get a feel for how the software works.

**Do** process the sample race card that came with ALL-Ways software.

**Do not** print out all the handicapping reports. It will, for sure, be information overload.

**Do** print out the Contender Summary Report and the All Factors Report. Learn to read the Contender Summary Report and you will go a long way towards being able to read any handicapping report in ALL-Ways software. Appendix B in the User Manual explains all the contents of the Contender Summary Report. Learn the handicapping factors that are in the All Factors Report. Appendix B in the User Manual explains each of the handicapping factors.

**Do** print out the Dangerous Non Contender List, which only prints one page for the entire race card. This will be a rich source of long shot play.

**Do** read the ALL-Ways Newsletters. Pay particular attention to the October 1996 Newsletter and the article on Pace Handicapping. Also, pay attention to the October 1997 Newsletter and the article on Spotting High Priced Horses.

**Do** build up your Race Database for a track to 100 or so races and then use the Multiple Regression Analysis functions in the Analysis Module to automatically create Handicapping Profiles tuned to the specific types of races run at the specific track.

**Do not** try to bet every race. It is as important to know when not to bet as it is knowing when to bet.

**Do** contact us if you have any questions.

**Do** have fun.

### 5→ **What is the best way to learn to read the handicapping reports?**

There are many handicapping reports in ALL-Ways software. The first thing to understand is that you should not try to use them all. That would be information overload. After you have used ALL-Ways software for a while, you will settle in on the few reports that suit your style of play.

Here is how we suggest you get started:

- First, read the overview explanation of each report that is in the Handicapping Module Chapter in the ALL-Ways User Manual. This will give you some idea of the intended use of each report.
- Second, learn how to read and understand two specific reports. The first is the Contender Summary Report. The second is the All Factors Report. Appendix B in the User Manual explains the reports in detail. Appendix B explains the handicapping factors in detail. When you understand these two reports, you will understand virtually every handicapping factor in ALL-Ways software and you will be able to quickly understand any other report in ALL-Ways software.
- Third, select the set of reports that you feel best match your style of play and learn to read them. If you do step two above, you will be amazed at how fast you are able to master the other reports.

**Here is a reprint of an article that is in our October 1997 ALL-Ways Newsletter. It may help you select the set of reports that will get you started.**

The ALL-Ways software's handicapping reports you use should be those that best match your style of play. One thing for sure, however, is that you should not print them all. This would be a big case of "information overload". Perhaps the best way to answer this question is to suggest a set of reports to use when you are first starting to use ALL-Ways software. Then, as you gain experience, you can add or change reports as you go forward.

Here are the specific reports that we suggest you start with:

*Contender Summary Report*

*Paceline Report*

*Past Performance Report*

*Track Bias—Jockey/Trainer Report*

Print these out for every race. Additionally, print out the Suitability and Pedigree Report if the race is on the Turf, if the race will be run in the mud or if there are first time starters in the race. Of course, you should always print the Dangerous Non-Contender List. It prints only one page for a full race card. You may want to buy paper for your printer that is already three hole punched and take the reports to the track in a convenient 3 ring binder.

Here is a very quick explanation as to how to use the reports.

*Contender Summary Report*

This is the main handicapping report in ALL-Ways software. It has just about everything you need to do a side-by-side comparison of the contenders for suitability to distance and surface, current form, class level, speed and the pace match-up in the race. If you spend a little time mastering this report, you will find that all the other ALL-Ways software handicapping reports will become easy to use almost instantly.

*Paceline Report*

There are a number of good uses for this report. Here are two of them. First, use this report to evaluate Dangerous Non-Contenders (See our July 1997 newsletter). Second, use it to look for higher priced horses with a significant pace attribute such as a big Hall or BRIS Final Fraction figure in Fast Early pace shape races. Note that this report also shows key information about all the runners in the race, not just the contenders.

*Past Performance Report*

This report is used for what you would expect, which is to evaluate a horse's past several performances. It is particularly useful to see how the horse performed at various BRIS Race Rating levels and for different past performance Quirin Race Shapes (See our January, 1997 newsletter.).

*Track Bias—Jockey/Trainer Report*

Use this report to check the running style, call position and post position biases at the track for the current week and the current meet. If there is a strong bias, it should figure in your selections. Also, the jockey and the trainer statistics, which are keyed to this specific race situation, can lead to some very nice high priced horses.

*Suitability and Pedigree Report*

To repeat, we suggest you use this report for turf races, off-track races and races with first timers. The pedigree information is extremely valuable for these kinds of races as is the detailed information about suitability to the distance and surface.

Again, we need to stress that this isn't "the right way". It is simply a good way to get started. You may find, as may ALL-Ways software handicappers have, that these are the reports you will continue to use. We know of a number of very successful ALL-Ways software users that only print out the All Factors Report which gives you a side-by-side comparison of all horses in the race for all 87 key handicapping factors, all on a single page. We also know that each ALL-Ways software handicapping report is used by many ALL-Ways software's handicappers. However, we know of no one who prints them all. The other reports available in ALL-Ways software that were not discussed above, but which are used by many ALL-Ways software handicappers, are the Oddsline Report, the Form Numbers Report, the Form Graphs Reports, the Pace Past Performance Report and the All Pace Report.

**6→ What is the best way to learn the meaning of each handicapping factor?**

Appendix B of the ALL-Ways User Manual includes an explanation of all the handicapping factors that are used in ALL-Ways software. We have included the Appendix in a somewhat condensed version at the end of this answer. It really is very easy to learn the handicapping factors. Here are three tips that may help you along.

**1. Focus on the main 87 handicapping factors.**

There are 87 key handicapping factors in ALL-Ways software. Actually, there are a few other factors, but these 87 factors are the ones that can be included in the Handicapping Profiles that are used by ALL-Ways software to handicap the races. All 87 factors can be seen together on the All Factors handicapping report. We suggest you initially focus on these 87 factors. Short, concise explanations of each factor are shown below.

**2. Keep in mind how the 87 factors are grouped.**

The factors are grouped into 7 categories. These groups are very logical as they pretty much represent the thought processes handicappers go through to evaluate a horse. Here are the groups:

- suitability to the distance
- suitability to the surface
- current form
- class level
- speed ratings
- pace ratings
- other factors (comprehensive, jockey, trainer and pedigree ratings)

### **3. Focus on two specific reports to begin with.**

Focus on learning how to understand the Contender Summary Report and the All Factors report. Use Appendix B in the ALL-Ways Users Manual to learn how to read the reports. Use the explanation of the handicapping factors below to learn what the factors mean. Once you understand these two reports, you will thoroughly understand the key handicapping factors and you will be able to quickly understand every other handicapping report in ALL-Ways software.

### **4. Start by understanding the introductory in Appendix B.**

Many of the factors are rating figures that use the same rating scheme. Understanding these simple rating schemes will speed the learning process.

### **7→ What Handicapping Profiles should I use to handicap a race?**

When you first receive ALL-Ways software, it includes fifteen default Handicapping Profiles. There are five groups of profiles as shown below. Each group has three profiles. The second profile in each group favors early running horses. The third profile in each group favors late runners. The first profile in each group does not consider pace (early or late runners) at all.

| <b>Non-Maiden<br/>Dirt Sprints</b> | <b>Non-Maiden<br/>Dirt Routes</b> | <b>All<br/>Turf</b> | <b>Maiden<br/>Dirt Sprints</b> | <b>Maiden<br/>Dirt Routes</b> |
|------------------------------------|-----------------------------------|---------------------|--------------------------------|-------------------------------|
| def: ds                            | def: dr                           | def: turf           | def: ds maid                   | def: dr maid                  |
| def: ds early                      | def: dr early                     | def: turf early     | def: ds maid early             | def: dr maid early            |
| def: ds late                       | def: dr late                      | def: turf late      | def: ds maid late              | def: dr maid late             |

The first thing to do in determining which profile(s) to use is to decide which group to use. In the Handicapping Module, the race display shows you if the race is to be run on the dirt or the turf. It also shows you the distance. Remember that sprints are less than one mile and routes are one mile or longer. Finally, under the Race Type, a “M” stands for Maiden Claiming races and a “S” stands for Maiden Special Weight races, both of which are considered maiden races. All other Race Type designations are non-maiden races. Knowing these three things (surface, distance and Race Type) shows you which group to use.

The next issue is which of the three profiles within the group to use. In the Professional Edition, you can use all three profiles simultaneously. Most people put the non biased profile in position #1, the early biased profile in position #2 and the late biased profile in position #3. ALL-Ways software then handicaps the race three times in just a second or two and integrates the results on the Contender Summary Report. The top four picks of each profile are also shown on the Oddsline and the Paceline reports.

In the Standard Edition, you must select one of the profiles. We recommend that, in most cases, you use the non-biased profile. Here are situations where you may want to use one of the biased profiles:

- Use a biased profile if your track has a very strong early or late track bias
- Use the late biased profile if the ESP shape of the race is “EEE”
- Use the late biased profile if the ESP shape of the race is “EE” and it is a route
- Use the early biased profile if the ESP shape of the race is “E”, “EP” or “EP-P”
- Use the early biased profile if the ESP shape of the race is “P” or “PP”
- Use the late biased profile if the ESP shape of the race is “S”

The logic of using the biased profiles as previously shown is explained in the ALL-Ways Newsletter of October 1996 in the article on pace handicapping.

Note that if you have the Standard Edition, you may want to handicap the race multiple time using a different profile each time.

When you have built up the races in your Race Database, you should use the Multiple Regression Analysis (MRA) Default function in the Analysis Module to automatically replace the original default profiles with the MRA profiles. These MRA profiles still use the non-biased, early biased and late biased scheme as the original default profiles. So, the same recommended guidelines apply.

At some point, you will begin to use the MRA Pace profiles or Custom profiles. These profiles will be aimed at very specific race types and the answer as to which profile to use will be quite obvious.

### **8→ How can you tell if a horse can run to the Par Times of today's race?**

Knowing which horse or horses can run to the Par Times of today's race is very important. If only one horse can run to Par, then you may have a very solid single win candidate. If no horse can run to Par, then you have what we refer to as a Chaos Race (see ALL-Ways Newsletter #2, July 1996). Chaos races can lead to some great long shot winners.

Making this determination is very simple thanks to the Hall Pace and Speed figures. ALL-Ways software calculates Par Times for each BRIS Race Rating. This BRIS Race Rating is shown at the top right of every ALL-Ways software handicapping report. Let's say the BRIS Race Rating for today's race is a 114. This not only tells you the race class level of today's race but, also, the Par Time designation for today's race. So a 114 BRIS Race Rating also means that the Par Time designation for today's race is also a 114.

This information is of no use by itself. You must be able to tell if any horse(s) can achieve this Par Time. Fortunately, the Hall Pace and Speed Rating are on exactly the same scale as the BRIS Race Rating. So, in our example, if the horse has a Hall Speed Rating of 114 or better, then it has demonstrated its ability to run to today's Par Time. Actually, we would consider a horse as being able to run to the Par Times if its Hall Speed figure is within one point of today's BRIS Race Rating. So a horse with a 113 Hall Speed figure can run to the Par Times of a race with a BRIS Race Rating of 114.

Note also that you can determine if a horse can run to the internal Pace Par Times by looking at the Hall Early Pace and Hall Final Fraction figures and comparing them to the BRIS Race Rating.

The most important figure by far in determining a horse's ability to run to today's Par Times is the horse's Hall Speed Rating. You can use either the horse's Hall Speed last race, or Hall Speed for its paceline race or Hall Speed 2 of 3, which is the average Hall Speed for the horse's best 2 out of its last 3 races. **Our recommendation is that you use the horse's Hall Speed for its paceline race.**

9→ **How do you read the Impact Value Report?**

On the left side of the report under the heading “IMPACT VALUES” you see five columns labeled “FIRST IV”, “SECOND IV”, “THIRD IV”, “FOURTH IV” AND “FIFTH IV”. These five columns correspond to the (up to) five ranking slots for each of the handicapping factors. There are nine different ranking schemes that are used by the 87 handicapping factors in ALL-Ways software. Note that the most widely used ranking scheme is the type 1st, 2nd, 3rd, front half, rear half. The examples below show the nine ranking schemes and how they relate to the five IV positions on the IV Analysis Report.

| EXAMPLE<br>FACTOR     | FIRST<br>IV   | SECOND<br>IV | THIRD<br>IV  | FOURTH<br>IV | FIFTH<br>IV |
|-----------------------|---------------|--------------|--------------|--------------|-------------|
| <b>Dist Record</b>    | 4 points      | 3 points     | 2 points     | 1 point      | 0 points    |
| <b>Dist Switch</b>    | Positive      | Neutral      | Negative     |              |             |
| <b>Workouts</b>       | Excellent (2) | Good (1)     | Not Good (0) | None (-1)    |             |
| <b>Furlong Days</b>   | > 1.00 FD     | > 0.80 FD    | > 0.60 FD    | > 0.40 FD    | <0.40FD     |
| <b>Race Change</b>    | 4+ Rise       | 2&3 Rise     | None         | 2&3 Drop     | 4+ Drop     |
| <b>ESP</b>            | ESP E         | ESP EP       | ESP P        | ESP S        |             |
| <b>Percent Early</b>  | Under 48      | 48&49        | 50&51        | 52&53        | Over 53     |
| <b>Post</b>           | 1,2,3         | 4,5,6        | 7,8,9        | 10,11,12     | 13 +        |
| <b>BRIS Speed 2/3</b> | 1st           | 2nd          | 3rd          | Front        | Rear        |

**NOTE: The ranking scheme for each of 87 handicapping factors is shown as a separate FAQ in this appendix section of the ALL-Ways User’s Manual.**

On the right side of the report you see five groups made up of two columns each. These five groups also correspond to the (up to) five ranking slots. The first column in each group, labeled “BETS”, shows the number of horses assigned to the ranking slot. The second column in each group, labeled “WIN”, shows the average return for \$2 bets on **ALL** of the horses assigned to the ranking slot. Here is an example based on 60 races and how you should interpret it.

|                    | IMPACT VALUE |              |             |              |             |
|--------------------|--------------|--------------|-------------|--------------|-------------|
|                    | FIRST<br>IV  | SECOND<br>IV | THIRD<br>IV | FOURTH<br>IV | FIFTH<br>IV |
| <b>HALL EP 2/3</b> | 2.00         | 1.27         | .64         | .66          | .15         |

| RETURN ON \$2 BET  |                     |                    |                     |                    |
|--------------------|---------------------|--------------------|---------------------|--------------------|
| FIRST<br>BETS WINS | SECOND<br>BETS WINS | THIRD<br>BETS WINS | FOURTH<br>BETS WINS | FIFTH<br>BETS WINS |
| 74 2.67            | 58 1.57             | 67 1.04            | 85 1.26             | 192 .64            |

#### FIRST IV (1st ranking slot)

Horses ranked 1st in Hall EP 2/3 won 2.0 times their fair share of races. There were 74 horses ranked 1st. Since there were only 60 races, there were obviously some races where two or more horses tied for the 1st ranking position. If you had bet \$2 to win on all of the 74 horses, you would have received \$2.67 for each \$2 you bet. This is a profit of 67 cents on every \$2 bet or a return on investment (ROI) of 33.5%.

#### SECOND IV (2nd ranking slot)

Horses ranked 2nd in Hall EP 2/3 won 1.27 times their fair share of races. If you had bet \$2 to win on each of the 58 horses that were ranked 2nd, you would have gotten back only \$1.57. This is a loss of 43 cents for each \$2 bet for a negative ROI of -21.5%.

#### THIRD IV (3rd ranking slot)

Horses ranked 3rd in Hall EP 2/3 won .64 times their fair share of races. If you had bet \$2 to win on each of the 67 horses that were ranked 3rd, you would have gotten back only \$1.04. This is a loss of 96 cents for each \$2 bet for a negative ROI of -48.0%.

#### FOURTH IV (4th ranking slot)

Horses ranked in the front half of the field (but not 1st, 2nd or 3rd) in Hall EP 2/3 won .66 times their fair share of races. If you had bet \$2 to win on each of the 85 horses that were ranked 4th, you would have gotten back only \$1.26. This is a loss of 74 cents for each \$2 bet for a negative ROI of -37.0%.

#### FIFTH IV (5th ranking slot)

Horses ranked in the rear half of the field in Hall EP 2/3 won only 0.15 times their fair share of races. You would have received only 64 cents for each \$2 bet on the 192 horses assigned to the rear half ranking slot. This is a loss of \$1.36 for each \$2 bet for a negative ROI of -68%.

Here are some important points to keep in mind about the IV Analysis report:

- This report analyzes *only winners*. You should use this report to help construct profiles aimed at selecting winners ... not place or show horses.
- Low IV numbers, such as the 0.15 IV for the rear half ranked horses in the Hall EP 2/3 handicapping factor example, provide a very useful way to eliminate non contenders. This is discussed in the Creating Custom Handicapping Profiles section of this “White Paper”.
- By comparing the number of horses for a ranking slot with the number of races in the analysis, you can determine several useful things.

## Frequently Asked Questions (continued)

- If there are more horses than races, it means there were ties for the ranking slot. You could expect to increase the return on \$2 bets by betting on only one horse in each race (i.e., using other handicapping factors to isolate a single horse win bet). Here is a good example of this from an analysis of 89 races.

| IMPACT VALUE |             |              |             |              |             |
|--------------|-------------|--------------|-------------|--------------|-------------|
|              | FIRST<br>IV | SECOND<br>IV | THIRD<br>IV | FOURTH<br>IV | FIFTH<br>IV |
| HALL EP 2/3  | 1.39        | 1.26         | .99         | .78          | .15         |

| RETURN ON \$2 BET |                    |                     |                    |                     |                    |
|-------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|                   | FIRST<br>BETS WINS | SECOND<br>BETS WINS | THIRD<br>BETS WINS | FOURTH<br>BETS WINS | FIFTH<br>BETS WINS |
|                   | 122 2.04           | 101 1.64            | 85 1.67            | 113 1.59            | 293 1.26           |

There were 122 horses assigned to the #1 ranking slot but only 89 races. This indicates 33 ties. By doing a good job of isolating a single horse using other handicapping factors, you should substantially increase the \$2.04 return on a \$2 bet.

- If there are more horses than races (meaning ties for the ranking slot) and the return on \$2 bets is very high, you may have found a handicapping factor that supports two horse betting. Two horse betting is one of the basic tenets of the Sartin Methodology. Here is a good example of this from an analysis of 89 races.

| IMPACT VALUE |             |              |             |              |             |
|--------------|-------------|--------------|-------------|--------------|-------------|
|              | FIRST<br>IV | SECOND<br>IV | THIRD<br>IV | FOURTH<br>IV | FIFTH<br>IV |
| HALL EP 2/3  | 1.59        | .84          | .80         | .74          | .2          |

| RETURN ON \$2 BET |                    |                     |                    |                     |                    |
|-------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|                   | FIRST<br>BETS WINS | SECOND<br>BETS WINS | THIRD<br>BETS WINS | FOURTH<br>BETS WINS | FIFTH<br>BETS WINS |
|                   | 108 2.67           | 109 1.16            | 108 1.43           | 128 2.03            | 261 1.05           |

There were 19 ties for the 1st ranking slot ( 108 horses and 89 races), yet the return on a \$2 bet is a solid \$2.67 for an ROI of 33.5%.

- If there are far fewer horses than races, a high IV and a high return on \$2 bet, you may have found a solid long shot factor.

### 10→ What are the Impact Value ranking schemes for each of the 87 handicapping factors?

Each of the 87 handicapping factors in ALL-Ways software has one the nine basic Impact Value ranking schemes as described earlier in this Appendix of the ALL-Ways User's Manual. The following pages list every handicapping factor along with the ranking scheme and default Impact Value. The first page is labeled: "PROFILE NAME: default iv values"

**11→ What is the proper way to test MRA profiles using the Database Run Analysis?**

One of two things can cause the win percentage and the ROI to be less than expected when running a Database Run Analysis Report.

First, more often than not, this is caused by a mismatch between the races being analyzed and the races that the Handicapping Profile(s) were intended for. For example, you should not use the Multiple Regression Analysis Default non-maiden dirt sprint profile in a Database Run Analysis that includes both maiden and non-maiden races. If the profile is aimed at non-maiden races, then the Database Run Analysis must be run for only non-maiden races. This mismatch between targeted and analyzed races is almost always the cause of less than expected DB Run Analysis results.

There is a second cause of the results being less than expected and that is that the results are real. Indeed, you will come across certain types of races run at certain tracks where selecting winners is just plain tough. For example (hypothetical), non-maiden dirt sprints may be tough to handicap at River Downs. The way to try to solve this problem is to segment the races into more specific sets of races. In our example, you may want to have different profiles for 6 furlong races and 6 ½ furlong races. Or you may want to divide them into higher and lower class (Race Rating) groups.

# appendix h

## ◆ COMMUNICATIONS MODULE

There are two different files you will want to download from BRIS to use in ALL-Ways. They are the race datafiles in the ALL-Ways format (.ALW) and the Exotic Results Data Files (.XRD). If you download an ALL-Ways software datafile without the “p” designation, you may want to also download the Early Track Datafile (.ETD). There are two ways to download these files. One is from the BRIS Internet site at [www.brisnet.com](http://www.brisnet.com). The other is from the BRIS dial-up service. If you use the Internet site, then you use your Internet browser. If you use the dial-up service, you use this Communications Module or any commercial communications software.

**NOTE: If you have Internet service, we strongly suggest you download files from the BRIS Internet site. It is both easier and faster than using their dial-up service. Also, there is no connect time charge as there is when using their dial-up service.**

## ◆ DOWNLOADING FROM THE BRIS INTERNET SITE ([WWW.BRISNET.COM](http://WWW.BRISNET.COM))

**You should download all files directly into your FRANDATA directory/folder or move the files there after downloading.**

To download the ALL-Ways software datafiles, go to the “Past Performance, Programs and Tipsheets” section of the site then go to the “Software Datafile” section and download the ALL-Ways/Capsheet file for the track and day you want to handicap.

To download the Exotic Resource Datafile (.XRD), go to the “Results and Charts” section of the site and download the Exotic Results Datafile for the track and day of the races you handicapped.

**NOTE: If you download an ALL-Ways software datafile with the “p” designation, the file contains morning line odds, scratches and official saddlecloth numbers. This information is not included if there is no “p” designation. However, if you download a datafile without the ‘p’ designation, you can later download and unzip the Early Track Datafile into your FRANDATA folder. Then ALL-Ways software will automatically extract all this information and put it in your handicapping reports.**

To download the Early Track Datafile (.ETD) go to the “Past Performance, Programs and Tipsheets” section of the site. Then go to the “Software Data files” section and download the Early Track Datafile file for the track and day you want to handicap.

## ◆ DOWNLOADING FROM THE BRIS DIAL-UP SERVICE

**The balance of this chapter applies only to downloading files from the BRIS dial-up service. If you use the Internet as your source of files (highly recommended), you can skip the remainder of this chapter.**

The ALL-Ways Communications Module is used to telephone and connect with the computer at BRIS and then to download race card files, race results and/or other information available from BRIS directly into your computer. The ALL-Ways communication module can also be used for simple computer communication tasks not associated with ALL-Ways software. However, this manual will focus only on downloading information from BRIS.

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**Figure h.1 Communications Module main screen**

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**Figure h.2 Directory Setting Screen (shown while modifying a directory item)**

**NOTE: If you use a different communications software package to download from BRIS, which is perfectly acceptable, be sure to put the downloaded files in the FRANDATA directory on your hard disk drive.**

**What you will learn in the balance of this appendix:**

- Updating the phone number directory
- Dialing a BRIS phone number and logging on to the BRIS computer
- Conducting a file transfer session to download race card files, Early Track Data Files and race results files
- Conducting a capture session to download race results and other information
- Printing captured information

**To get to the Communications Module:**

- 1 → Click “COMMUNICATIONS” on the ALL-Ways Main Menu  
Figure 3.1, shows the Communications Module main screen

### ***How to update the phone number directory***

Please contact BRIS for the phone number and communication settings. Then, you need to add this as a new directory item following the instructions below.

#### **Adding a new directory item**

- 1 → Click “DIRECTORY” on the Communication Module main screen
- 2 → Click “ADD” on the directory display

You will now see the directory setting display shown in Figure 3.2.

There are only six easy things you need to do to add a new phone number to the directory list

- 1 → Enter the name you want to show in the directory list by typing it into the Name text box. **Reminder:** Click the mouse pointer on the Name text box to set the focus.
- 2 → Type the phone number into the Phone Number text box

Here are some helpful hints:

The comma character “,” causes a pause of about one second when the phone number is dialed. This is useful if you need to dial 9 for an outside line or you need to disable “call waiting” on your phone line.

---

### **IMPORTANT**

***Many people have “call waiting” on their phones. This is the service where, if you are on the phone and someone is calling you, you here a “beep” on your line. If you have this feature, you***

***should disable it before calling BRIS. It is easy to do. In most areas, dialing “\*70” before dialing the number disables “call waiting”. It is automatically enabled again when you hang up. If this doesn’t work for you, call your local telephone company and ask them how to disable “call waiting”.***

---

Here are some examples of how to type phone numbers.

|                                          |                  |
|------------------------------------------|------------------|
| Standard (local):                        | 5551212          |
| Dial 9 for outside line:                 | 9,5551212        |
| Long distance:                           | 1,8005551212     |
| Long distance ...disable “call waiting”: | *70,1,8005551212 |

---

### **IMPORTANT**

***Never include any spaces in the phone number.***

---

3 → Select the BAUD rate of your modem

There are five possible selections: 9600; 14,400; 28,800; 38,400 and 56,000 BAUD. Click on the BAUD rate that matches your modem specifications. The default setting is 9600 BAUD.

---

### **IMPORTANT**

***BRIS recommends using a baud rate of 19200 when using 14400 baud modems. BRIS recommends using a baud rate of 38400 when using 28800 and higher baud modems.***

---

4 → Select the computer communications port number that your modem is attached to

The default setting is communications port 1. If you are not sure of the communications port, use the default communications port to test dial a number. If nothing happens or if you get an error message, just modify the phone number directory setting to a different communications port and try again. How to modify the phone number directory setting is explained below. Modems are generally on communications port one or two.

5 → Select data bits, stop bits and parity.

The BRIS 800 numbers use 8 data bits, 1 stop bit and no parity. These are the default settings.

6 → Click “Save” on the directory display

The new phone number and associated settings will be added to your directory

**NOTE: The other settings have default values that are optimized for BRIS. However, you may need to change these settings if you use the ALL-Ways Communication Module for Non-BRIS communications.**

---

## **IMPORTANT**

***You must make sure that the baud rate, data bits, stop bits, parity and communications port settings are correct.***

---

### **Modifying an existing directory item**

There may be times when you need to modify a directory listing. You may need to correct a phone number or, if you buy a new modem, you may need to change the BAUD rate. You may also need to change the communications port setting. You may need to disable “call waiting”.

To modify a directory item:

- 1 → Click “DIRECTORY”
- 2 → Click “MODIFY”
- 3 → Click the item in the directory list you want to modify  
All the settings for that phone number listing are now shown in the settings display
- 4 → Change the settings
- 5 → Click “SAVE”

### **Deleting an existing directory item**

To delete a phone number from the directory:

- 1 → Click “DIRECTORY”
- 2 → Click “DELETE”
- 3 → Click the item in the directory list you want to delete
- 4 → Click “SAVE”

### **How to dial a phone number**

The ALL-Ways Communication Module actually dials phone numbers for you. To dial a phone number, the phone number must be in the directory list.

- 1 → Click “DIAL”
- 2 → Click the phone number item in the directory list you want to dial

At this point the “DIAL OK” button is displayed in the bottom right portion of the screen

- 3 → Click “DIAL OK”

Two things happen now:

First, the screen display completely changes. The screen is now in “Terminal Mode” and ready to communicate with another computer. The large burgundy colored part of the screen will display all characters you are sending to the other computer as well as all characters the other computer sends to you.

The second thing that happens is the computer displays the phone number being called in the very top left position of the terminal screen and makes the phone call. Note that the phone number is always preceded by the characters “ATDT”. If your modem has a speaker, you will hear the dialing and subsequent connection with the other computer. Then you will hear what sounds like a lot of noise but is actually the two computers sending information back and forth to try to make a compatible connection. When the connection is completed, the noise will stop and the remote computer will send a message to your computer.

The computer will display a message when the connection is made.

### ***How to log on to the BRIS computer***

PROMPT: Connection message

**YOUR RESPONSE:** press “Enter”

**NOTE: You are now communicating directly with the BRIS computer.**

PROMPT: “user name”

**YOUR RESPONSE:** Type the user name *exactly* as BRIS assigned it to you. Then press “Enter”

PROMPT: “password”

**YOUR RESPONSE:** Type your password *exactly* as BRIS assigned it to you. Then press “Enter”

**NOTE: Your password will *not* be displayed on the terminal screen.**

You are now logged on to the BRIS computer.

**NOTE: If the BRIS computer tells you there was a “User authorization failure”, just press “Enter” and repeat the user name/password sequence again. If you still are denied access, you must call BRIS to resolve the problem.**

What you will see now is the introductory information sent by BRIS. It will scroll down the terminal screen.

You may be asked by BRIS if you want your copy of the Handicappers Edge, a very useful, daily publication that is available to you for free. You will learn how to download this publication in just a little bit.

You should now be looking at the main BRIS Main Menu.

### ***File transfer versus data capture***

Before selecting an item from the BRIS Main Menu, it is important to understand the difference between a file transfer and data capture.

#### **File Transfer:**

A file transfer is a high speed batch transfer of an entire file from the BRIS computer to your computer. File transfers use certain transfer protocols which provide for both speed and error free transfers.

In the phone number directory settings screen, ALL-Ways software provides you with two possible file transfer protocols:

1) Y modem batch and; 2) Z modem.

---

### **IMPORTANT**

***If BRIS gives you the option, always use Z Modem protocol to download files. It is fast and virtually error free.***

---

### **Data capture:**

You will use the capture function capability in ALL-Ways software to download the BRIS Handicappers Edge publication and other text files into your computer. Data Capture handles one character at a time exactly as the characters appear on your terminal screen. The captured information will also be saved in a file on your hard disk.

### **How to download a race card file (file transfer)**

Now we will learn how to conduct a file transfer of a race card file. We pick up where we left off which is the BRIS Main Menu displayed on your terminal screen.

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| PROMPT:   | The BRIS Main Menu                                               |
| RESPONSE: | Type "A" (for ENTRIES) and press "ENTER"                         |
| PROMPT:   | The BRIS ENTRIES menu                                            |
| RESPONSE: | Type "9" (for the programmers data file) and then press "ENTER"  |
| PROMPT:   | "select format"                                                  |
| RESPONSE: | Type "ALW" (for the ALL-Ways file format) and then press "ENTER" |

---

### **IMPORTANT**

***ALL-Ways requires that you use the Programmers Data File Format "ALW".***

---

|           |                                                                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROMPT:   | "Enter track code"                                                                                                                                    |
| RESPONSE: | Key in the <b>3 character</b> code for the track you want to handicap such as "SAX for Santa Anita or "HOL" for Hollywood Park and then press "ENTER" |

**NOTE:** See the track code list in Appendix "A" of this manual if you are unsure of the track code.

|           |                                                                                             |
|-----------|---------------------------------------------------------------------------------------------|
| PROMPT:   | "Enter race date"                                                                           |
| RESPONSE: | Enter the one or two numbers for the <b>day</b> you want to handicap and then press "ENTER" |

**NOTE:** BRIS will list the dates of race files that are currently available. It will look something like this: (15p, 16p, 17p, 18p, 19p, 20 or 99 to exit) The small "p" indicates that the race file includes all the late scratches, morning line odds and official "saddle cloth" numbers. If there is no small "p" then late scratches have not yet been determined. It is always best, but not necessary, to wait for the late scratches. If you download a file without

the 'p' designation, we suggest you download the **EARLY/TRACK DATAFILE** when it is available and Unzip it before you handicap the race. If you do, **ALL-Ways** software will add scratch, morning line odds and saddle-cloth numbers to your handicapping reports.

You will now be asked for the file transfer protocol.

PROMPT: "Enter Y for Y modem batch, or Z for Z modem"  
RESPONSE: press "Z" ... **DO NOT PRESS "ENTER!"**

You will now be asked if you want to receive the file in the ZIP compatible compressed format. We advise you to answer yes. The compressed file takes only about one third the time to be transferred compared to the uncompressed format. **ALL-Ways** software has the ability to decompress (UNZIP) zipped files in the Toolbox Module.

PROMPT: "would you like the file in ZIP compatible compressed format"  
RESPONSE: type "Y" then press "enter"

PROMPT: "Start your Z modem transfer now"  
RESPONSE: With the mouse, click the "TRANSFER" button at the bottom of the screen

**NOTE: You should always use the Z modem protocol. The protocol you set up in the phone list directory for the phone number you used is displayed in the far right bottom display.**

Now sit back and let the computers do the work. **ALL-Ways** software will display a "File Transfer Status" on top of your terminal screen to keep you informed of how the file transfer is progressing.

At the end of the file transfer, **ALL-Ways** software will confirm that the transfer was successful. At this point you should click the "TRANSFER" button again to turn it off. If the transfer was not successful, you should back up the BRIS "Entries" menu and try again. Unsuccessful transfers are extremely rare.

---

### **IMPORTANT**

***If you downloaded the data file in compressed format, you must decompress the file using the Toolbox Module before you can handicap the races.***

---

When you are done transferring files, just follow the BRIS instructions on your screen to access other BRIS information or to log off the system.

**After you log off from the BRIS computer:**

- 1 → Click "HANG UP" at the bottom of the screen  
The terminal screen will now disappear and the main Communication Module screen will appear

### **How to download Early Track Data Files**

Just like the **ALL-Ways** software datafiles, Early Track Data Files (ETD) are also located in the Programmers Data file section of the BRIS dial-up service. When BRIS asks for the type of file, instead of responding with the "ALW" file type, simply respond with the "ETD" file type.

### **How to download race results (file transfer)**

Approximately one hour after the completion of the races at the track, you can obtain detailed race results information from BRIS. This includes the win, place and show payoffs as well as Exacta, Trifecta, Daily Double and Pick 3 payoffs. We strongly recommend that you always download this information into your computer. ALL-Ways software will use this file to automatically enter the race results.

You use the Z Modem file transfer protocol in ALL-Ways software to download race results.

Log on to the BRIS computer and get to the BRIS Main Menu (this was explained earlier in this chapter).

|           |                                        |
|-----------|----------------------------------------|
| PROMPT:   | BRIS Main Menu                         |
| RESPONSE: | Type "B" (Results) then "ENTER"        |
|           | You will now see the BRIS results menu |
| PROMPT:   | BRIS Results Menu                      |
| RESPONSE: | Type "I" (Flash Results) then "ENTER"  |

You will now be asked for the file transfer protocol.

|           |                                                                         |
|-----------|-------------------------------------------------------------------------|
| PROMPT:   | "Enter Y for Y modem batch, or Z for Z modem"                           |
| RESPONSE: | press "Z" ... <b>DO NOT PRESS "ENTER!"</b>                              |
| PROMPT:   | "Start your Z modem transfer now"                                       |
| RESPONSE: | With the mouse, click the "TRANSFER" button at the bottom of the screen |

**NOTE:** We suggest you download the Exotic Results Datafile (XRD) instead of the Flash Results file (RES). If you do, ALL-Ways software will record the going-off odds of all horses. This will be used by future versions of ALL-Ways software.

---

### **IMPORTANT**

**BRIS will assign a name for the results file that looks something like this: SAX0123.RES or SAX0123.XRD. When ALL-Ways software automatically enters race results, ALL-Ways software will look for files that have the track code in the first three character positions and that have the .RES OR XRD file name extension. This is the only file naming protocol that will allow ALL-Ways software to automatically enter the race results.**

---

### **How to capture downloaded information**

We will use the excellent Handicappers Edge publication from BRIS to illustrate the data capture function. BRIS will ask you if you want to download this free publication every time you sign on to BRIS, provided you have not already downloaded the most recent issue.

|           |                                                 |
|-----------|-------------------------------------------------|
| PROMPT:   | "Do you want to download the Handicappers Edge" |
| RESPONSE: | Type "Y" for yes                                |
| PROMPT:   | "Turn capture on and then press enter"          |
| RESPONSE: | Turn the capture function on as explained below |

**To turn the capture function on:**

- 1 → Click the “CAPTURE” button (bottom of screen)
- 2 → Enter the name you want to use for the capture file. We suggest you use “EDGE” as the file name
- 3 → Click the “CAPTURE OK” button

ALL-Ways software is now ready to capture all the information that appears on the screen from this point on. The information will be stored in a file named “EDGE” (or any other file name you chose).

The next step is to actually begin capturing the race results data. Simply press the “ENTER” key.

When the BRIS computer is done sending the information, click the “CAPTURE” button again to turn off the capture function. You now have the Handicappers Edge publication in your computer.

At anytime you can turn this capture function on to download other information from BRIS. The process is always the same as shown below.

- 1 → Click the “CAPTURE” button to turn on the capture function
- 1 → Enter the name of the file to save the captured information
- 2 → Click the “CAPTURE OK” button and then press “ENTER” to start the capture
- 3 → Click the “CAPTURE” button again to end the capture

**How to print captured data**

To conserve disk space, we suggest you print out files that you capture and re-use the file name for subsequent captures. For example, capture the Handicappers Edge in a file named “EDGE”. Print out the “EDGE” file. Reuse the EDGE file name the next time you capture The Handicappers Edge for a different day.

**To print out a captured file:**

- 1 → Click the “PRINT” button in the Communications Module
- 2 → Enter the name of the capture file (such as “EDGE”)
- 3 → Click the “PRINT OK” button

**PROFILE NAME: default iv values**

|                 |            |            |            |            |              |
|-----------------|------------|------------|------------|------------|--------------|
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| DIST RECORD     | 2          | 1.6        | 1.2        | 1          | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| DIST EFF 2/3    | 1.5        | 1.3        | 1.1        | 1          | .8           |
|                 | positive   | neutral    | negative   |            |              |
| DIST SWITCH     | 1.3        | 1          | .7         |            |              |
|                 | positive   | neutral    | negative   |            |              |
| LEN CHANGE      | 1.3        | 1          | .7         |            |              |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 point      |
| DIRT RECORD     | 2          | 1.6        | 1.2        | 1          | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| DIRT EFF 2/3    | 1.5        | 1.3        | 1.1        | 1          | .8           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| TURF RECORD     | 2.5        | 2          | 1.5        | 1.2        | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| TURF EFF 2/3    | 2          | 1.7        | 1.4        | 1.2        | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| MUD RECORD      | 2.5        | 2          | 1.5        | 1.2        | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| MUD EFF 2/3     | 2          | 1.7        | 1.4        | 1.2        | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| EFF LAST        | 1.7        | 1.5        | 1.3        | 1.1        | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| EFF LAST TRUE   | 1.5        | 1.3        | 1.1        | 1          | .7           |
|                 | 4 points   | 3 points   | 2 points   | 1 point    | 0 points     |
| EFF 2/3         | 1.5        | 1.3        | 1.1        | 1          | .7           |
|                 | <= 10 days | <= 20 days | <= 30 days | <= 60 days | over 60 days |
| REGENCY         | 1.5        | 1.3        | 1.1        | 1          | .8           |
|                 | <= 10 days | <= 20 days | <= 30 days | <= 60 days | over 60 days |
| DAYS GOOD       | 2          | 1.7        | 1.2        | 1          | .6           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| HAM FORM        | 1.5        | 1.4        | 1.3        | 1.1        | .7           |
|                 | excellent  | good       | not good   | none       |              |
| WORKOUT(S)      | 1.5        | 1.3        | 1.1        | .8         |              |
|                 | > 1.00 fd  | > 0.80 fd  | > 0.60 fd  | > 0.40 fd  | < 0.40 fd    |
| FURLONG DAYS    | 1.3        | 1.2        | 1.1        | .6         | .7           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| WGT BRIS TOTAL  | 2.4        | 1.9        | 1.6        | 1.1        | .7           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| WGT HALL TOTAL  | 2.2        | 1.8        | 1.4        | 1.1        | .8           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| BRIS BACK CLASS | 1.6        | 1.3        | 1.1        | 1          | .7           |
|                 | 4 + rise   | 2 & 3 rise | none       | 2 & 3 drop | 4 + drop     |
| RACE CHANGE     | .7         | .9         | 1          | 1.1        | 1.3          |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| RACE GOOD       | 1.8        | 1.5        | 1.2        | 1          | .7           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| BRIS CLASS      | 1.8        | 1.5        | 1.2        | 1          | .7           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| TRUE CLASS      | 2          | 1.7        | 1.4        | 1.1        | .7           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| ACL             | 1.8        | 1.5        | 1.2        | 1          | .7           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| TURF CLASS      | 2.3        | 1.7        | 1.3        | 1.         | .6           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| MUD CLASS       | 2.3        | 1.7        | 1.3        | 1          | .8           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| SCOTT PCR       | 1.5        | 1.3        | 1.1        | 1          | .8           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| SCOTT ABILITY   | 1.3        | 1.2        | 1.1        | 1          | .9           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| BRIS SPEED LAST | 2          | 1.7        | 1.4        | 1.1        | .7           |
|                 | 1st        | 2nd        | 3rd        | front      | rear         |
| BRIS SPEED 2/3  | 1.8        | 1.5        | 1.3        | 1.1        | .7           |

**PROFILE NAME:**

|                    | 1st      | 2nd     | 3rd     | front   | rear    |
|--------------------|----------|---------|---------|---------|---------|
| HALL SPEED LAST    | 2        | 1.7     | 1.4     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| HALL SPEED 2/3     | 1.8      | 1.5     | 1.3     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| SRTV LAST          | 2        | 1.7     | 1.4     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS BACK SPEED    | 1.6      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| TRUE DIRT SPEED    | 1.8      | 1.5     | 1.3     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| MUD SPEED          | 2        | 1.7     | 1.4     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| FCP 4/5            | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| QUIRIN POINTS      | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS CALL 1 2/3    | 1.8      | 1.5     | 1.3     | 1       | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS EP 2/3        | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| HALL CALL 1 2/3    | 1.7      | 1.4     | 1.2     | 1       | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| HALL EP 2/3        | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| TRUE DIRT EP       | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| STR GAIN 4/5       | 2.5      | 2       | 1.5     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| STR GAIN 4/5 DIST  | 2.5      | 2       | 1.5     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS FF 2/3        | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| HALL FF 2/3        | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| TRUE DIRT FF       | 1.5      | 1.3     | 1.1     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS CMB 2/3       | 2        | 1.7     | 1.4     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS TOTAL 2/3     | 2.2      | 1.7     | 1.4     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS LATE 2/3      | 1.9      | 1.6     | 1.4     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| HALL CMB 2/3       | 2        | 1.7     | 1.4     | 1.1     | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| HALL TOTAL 2/3     | 2        | 1.6     | 1.2     | 1       | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| HALL LATE 2/3      | 1.8      | 1.5     | 1.3     | 1       | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| TRUE DIRT COMBINED | 2.1      | 1.7     | 1.4     | 1.1     | .7      |
|                    | esp 1    | esp 2   | esp 3   | esp 4   |         |
| ESP                | 1.5      | 1.4     | 1.3     | .9      |         |
|                    | under 48 | 48 & 49 | 50 & 51 | 52 & 53 | over 53 |
| PERCENT EARLY      | .8       | 1.1     | 1.3     | 1.1     | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS CALL 1 P/L    | 1.7      | 1.4     | 1.2     | 1       | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS EP P/L        | 1.6      | 1.4     | 1.2     | 1       | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS FF P/L        | 1.6      | 1.4     | 1.2     | 1       | .8      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS SPEED P/L     | 1.7      | 1.5     | 1.3     | 1       | .7      |
|                    | 1st      | 2nd     | 3rd     | front   | rear    |
| BRIS CMB P/L       | 2        | 1.7     | 1.4     | 1.1     | .7      |

**PROFILE NAME:**

|                |                 |                 |                 |                 |                 |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| HALL EP P/L    | <b>1.6</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| HALL FF P/L    | <b>1.6</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| HALL SPEED P/L | <b>1.7</b>      | <b>1.5</b>      | <b>1.3</b>      | <b>1</b>        | <b>.7</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| HALL CMB P/L   | <b>1.7</b>      | <b>1.5</b>      | <b>1.3</b>      | <b>1</b>        | <b>.7</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| HALL TOTAL P/L | <b>1.9</b>      | <b>1.5</b>      | <b>1.1</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| HALL LATE P/L  | <b>1.7</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| BRO EP P/L     | <b>1.6</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| BRO AP P/L     | <b>1.6</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| BRO SP P/L     | <b>1.6</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| BRO FX P/L     | <b>1.6</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| BRO TOTAL P/L  | <b>2</b>        | <b>1.7</b>      | <b>1.4</b>      | <b>1.1</b>      | <b>.7</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| COMPREHENSIVE  | <b>2.6</b>      | <b>2.1</b>      | <b>1.6</b>      | <b>1.3</b>      | <b>.7</b>       |
|                | <i>1st</i>      | <i>2nd</i>      | <i>3rd</i>      | <i>front</i>    | <i>rear</i>     |
| BRIS POWER     | <b>2</b>        | <b>1.7</b>      | <b>1.4</b>      | <b>1.1</b>      | <b>.7</b>       |
|                | <i>1,2,3</i>    | <i>4,5,6</i>    | <i>7,8,9</i>    | <i>10,11,12</i> | <i>12 +</i>     |
| POST           | <b>1.5</b>      | <b>1.3</b>      | <b>1.1</b>      | <b>1</b>        | <b>.7</b>       |
|                | <i>4 points</i> | <i>3 points</i> | <i>2 points</i> | <i>1 point</i>  | <i>0 points</i> |
| JOCKEY         | <b>1.5</b>      | <b>1.3</b>      | <b>1.1</b>      | <b>1</b>        | <b>.7</b>       |
|                | <i>4 points</i> | <i>3 points</i> | <i>2 points</i> | <i>1 point</i>  | <i>0 points</i> |
| TRAINER        | <b>1.5</b>      | <b>1.3</b>      | <b>1.1</b>      | <b>1</b>        | <b>.7</b>       |
|                | <i>4 points</i> | <i>3 points</i> | <i>2 points</i> | <i>1 point</i>  | <i>0 points</i> |
| TRAINER TURF   | <b>1.8</b>      | <b>1.6</b>      | <b>1.3</b>      | <b>1</b>        | <b>.7</b>       |
|                | <i>4 points</i> | <i>3 points</i> | <i>2 points</i> | <i>1 point</i>  | <i>0 points</i> |
| TURF PED       | <b>1.6</b>      | <b>1.4</b>      | <b>1.2</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>4 points</i> | <i>3 points</i> | <i>2 points</i> | <i>1 point</i>  | <i>0 points</i> |
| MUD PED        | <b>1.5</b>      | <b>1.3</b>      | <b>1.1</b>      | <b>1</b>        | <b>.8</b>       |
|                | <i>4 points</i> | <i>3 points</i> | <i>2 points</i> | <i>1 point</i>  | <i>0 points</i> |
| FIRST PED      | <b>1.3</b>      | <b>1.2</b>      | <b>1.1</b>      | <b>1</b>        | <b>.9</b>       |

ALL  Way