```
      DAKTRONICS
   OMNISPORT 2000
START AT 13:35:31.397
   DATE: 10-06-12
SOURCE: EXTERNAL

        L      RACE:881
P       E     EVENT:053
L   L   N   HEAT/R:02 F
A   A   G   LENGTH:08
C   N   T
E   E   H      -TIME-

    4   2      29.18
    5   2      30.26
    3   2      32.12
    2   2      35.14
    6   2      36.48
    7   2      36.75
    1   2      37.94
    8   2      39.06
    4   4    1:02.65
    5   4    1:03.56
    3   4    1:08.92
    2   4    1:15.60
    7   4    1:18.67
    6   4    1:19.37
    1   4    1:21.44
    8   4    1:24.49
    4   6    1:37.04
    5   6    1:39.01
    3   6    1:46.78
    2   6    1:57.82
    7   6    2:01.19
    6   6    2:03.16
    1   6    2:06.70
    4   8    2:11.26
    5   8    2:11.42
    8   6    2:11.60
    3   8    2:24.27
    2   8    2:38.52
    7   8    2:42.62
    6   8    2:46.24
    1   8    2:49.46
    8   8    2:56.24


      DAKTRONICS
   OMNISPORT 2000
START AT 13:35:31.397
   DATE: 10-06-12
SOURCE: EXTERNAL

        L      RACE:881
P       E     EVENT:053
L   L   N   HEAT/R:02 F
A   A   G   LENGTH:08
C   N   T
E   E   H    -RESULTS-

7   1   8    2:49.46
       BK    2:49.65
       B1    2:49.72
       B2    2:49.58

4   2   8    2:38.52
       BK    2:38.60
       B1    2:38.60
       B2    2:38.60

3   3   8    2:24.27
       BK    2:24.45
       B1    2:24.46
       B2    2:24.44

1   4   8    2:11.26
       BK    2:11.41
       B1    2:11.37
       B2    2:11.44

2   5   8    2:11.42
       BK    2:11.54
       B1    2:11.52
       B2    2:11.55

6   6   8    2:46.24
       BK    2:46.37
       B1    2:46.41
       B2    2:46.33

5   7   8    2:42.62
       BK    2:42.80
       B1    2:42.76
       B2    2:42.84

8   8   8    2:56.24
       BK    2:56.37
```

DAKTRONIKCS OMNISPORT 2000 **

TIMING SLIP EXAMPLES

Example 1

This is an example of a "clean" heat. There were no timing malfunctions, soft touches, no touches, etc. This particular race was a 200 Y Freestyle, which cannot be determined from the timing slip.

Top of tape is a recording of the race as it progresses.

- Race # - always can retrieve by race #
- Event #
- Heat #
- F or P (final or prelim)
- Length of race – in this case 8 lengths or a 200
- Splits by lane and length
  - This can help in determining if a swimmer missed a touch and the final touch was actually recorded based on subtractive splits.

Bottom of tape summarizes the race.

- Repeats race, event, heat, prelim/final, length
- Place
- Lane
- Top number is pad time across from lengths
- This system uses 2 backup times. Top one is average of two backup buttons (BK) followed by each individual backup button.
  - **Lane 8 buttons were cutoff in scanning– they were: 2:56.32,2:56.42**

**Colorado timing systems record the same type of information on a chatter sheet, which can be printed at the end of each race. The format is slightly different, but all of the information is available.

```
        DAKTRONICS
        OMNISPORT 2000
  START AT 13:31:42.769
      DATE: 10-06-12
  SOURCE: EXTERNAL

          L        RACE:880
   P      E       EVENT:053
   L  L   N     HEAT/R:01  F
   A  A   G     LENGTH:08
   C  N   T
   E  E   H        -TIME-

      1 LANE OFF
      7 LANE OFF
      8 LANE OFF
      3  2        33.91
      4  2        42.90
      6  2        43.78
      5  2        44.68
      2  2        46.42
      3  4      1:13.42
      4  4      1:32.89
      5  4      1:34.61
      6  4      1:35.16
      2  4      1:46.83  +
      3  6      1:53.99
      4  6      2:23.60
      6  6      2:24.54
      5  6      2:24.60
      3  8      2:34.22
      2  6      2:42.62
      5  8      3:10.81
      6  8      3:11.18
      2  8      3:36.34
      4  8      3:37.31
```

```
        DAKTRONICS
        OMNISPORT 2000
  START AT 13:31:42.769
      DATE: 10-06-12
  SOURCE: EXTERNAL

          L        RACE:880
   P      E       EVENT:053
   L  L   N     HEAT/R:01  F
   A  A   G     LENGTH:08
   C  N   T
   E  E   H       -RESULTS-

   4  2   8       3:36.34
          BK      3:36.59
          B1      3:36.82
          B2      3:36.35
   1  3   8     * 2:34.22
   5  4   8     * 3:37.31
          BK      3:10.11
          B1      3:10.09
          B2      3:10.12
   2  5   8       3:10.81
          BK      3:10.91
          B1      3:10.90
          B2      3:10.91
   3  6   8       3:11.18
          BK      3:11.26
          B1      3:11.27
          B2      3:11.25
```

Example 2

This was a 200 Y Freestyle event. This example shows the importance of having an order of finish judge and a good timing operator who notes finishes on their heat sheets. Timers are also to note soft or no touches on finishes.

Top of tape:

- Lane 2 missed a touch and the timing operator manually armed the pad. This is denoted by the +

Bottom of tape:

- Lane 3 has a pad time but no backup button times. In addition the timers did not get watch times.
  - However the timing operator and order of finish judge confirmed there was a swimmer.
  - Order of finish – 34562- confirmed the swimmers place. This was noted on the order of finish judge's heat sheet, and checked by the timing judge.
  - Splits also indicate that the time was accurate (33.91, 1:13.42(39.50), 1:53.99(40.57), 2:34.22(40.23))
  - Pad time was the most automated and ONLY time available.
- Lane 4 pad time was 27 seconds slower than the backup buttons, and thus the Daktronics flagged the time. Times are set on this system to flag at greater than 0.3.
  - Timing operator noted a soft touch in lane 4. This was noted on the bottom of the tape by the timing judge, after communicating with the timing operator.
  - Order of Finish – 34562 – confirms lane 4 finished before lane 5. Therefore, the backup times were taken and corrected (by Meet Manager).
    - If lane 4 was not corrected they would have finished behind lane 6, which we knew was incorrect. The order of finish was confirming the need for using the backup not changing the order. Changing order of finish requires 2 judges noting a different order and non-functioning timing equipment.

```
        DAKTRONICS
       OMNISPORT 2000
START AT 13:38:44.695
     DATE: 10-06-12
   SOURCE: EXTERNAL

          L      RACE:882
   P      E     EVENT:054
   L  L   N    HEAT/R:01  F
   A  A   G    LENGTH:08
   C  N   T
   E  E   H      -TIME-

      1 LANE OFF
      2 LANE OFF
      8 LANE OFF
      7 LANE OFF
      4   2        36.78
      3   2        40.17
      6   2        40.90
      5   2        43.48
      4   4      1:18.94
      3   4      1:24.47
      6   4      1:31.88
      5   4      1:39.63  +
      4   6      2:03.17
      3   6      2:10.30
      6   6      2:20.98
      5   6      2:30.96
      4   8      2:43.58
      6   8      3:11.04
      5   8      3:21.37


        DAKTRONICS
       OMNISPORT 2000
START AT 13:38:44.695
     DATE: 10-06-12
   SOURCE: EXTERNAL

          L      RACE:882
   P      E     EVENT:054
   L  L   N    HEAT/R:01  F
   A  A   G    LENGTH:08
   C  N   T
   E  E   H     -RESULTS-

      3   6   * 2:10.30
         BK     2:53.92
         B1     2:53.88
         B2     2:53.95
   1  4   8     2:43.58
         BK     2:43.73
         B1     2:43.75
         B2     2:43.70
   3  5   8     3:21.37
         BK     3:21.46
         B1     3:21.41
         B2     3:21.51
   2  6   8     3:11.04
         BK     3:11.30
         B1     3:11.28
         B2     3:11.32

         ST 3
```

Example 3

This was a 200 Y Freestyle event. This example discusses using lengths to identify errors in timing.

Top of tape:

- Lane 5 missed the touch at the 100 (4 lengths). The + indicates the pad was manually armed for the next length.

Bottom of tape:

- Lane 3 is showing they only completed 6 lengths.
  - Splits indicate that the pad was not set off on the last length.
  - Timing judge indicated a soft touch.
  - Order of finish – 4365 – confirms use of backup.
    - Lane 3 finished after lane 4.

```
          L     RACE:883
    P     E    EVENT:054
P   L  L  N   HEAT/R:02  F
L   A  A  G   LENGTH:08
A   C  N  T
C   E  E  H     -TIME-
E

       4  2      30.41
       6  2      32.32
       5  2      32.48
       2  2      34.17
       3  2      34.19
       7  2      36.26
       8  2      36.46
       1  2      38.73
       4  4     1:05.15
       6  4     1:08.17
       5  4     1:08.91
       2  4     1:11.95
       3  4     1:13.95
       7  4     1:17.46
       8  4     1:19.50
       1  4     1:21.78
       4  6     1:40.42
       5  6     1:44.67
       6  6     1:44.89
       2  6     1:49.32
       3  6     1:53.16
       7  6     1:59.24
       8  6     2:04.16
       1  6     2:07.10
       5  8     2:17.15
       6  8     2:17.29
       4  8     2:23.71
       2  8     2:24.08
       3  8     2:30.70
       7  8     2:39.45
       8  8     2:46.11
       1  8     2:49.49


        DAKTRONICS
       OMNISPORT 2000
  START AT 13:42:19.854
      DATE:  10-06-12
  SOURCE:  EXTERNAL


          L     RACE:883
    P     E    EVENT:054
P   L  L  N   HEAT/R:02  F
L   A  A  G   LENGTH:08
A   C  N  T
C   E  E  H    -RESULTS-
E

8   1  8   * 2:49.49
       BK    2:49.80
       B1    2:49.89
       B2    2:49.71
4   2  8     2:24.08
       BK    2:24.21
       B1    2:24.16
       B2    2:24.26
5   3  8     2:30.70
       BK    2:30.80
       B1    2:30.81
       B2    2:30.78
3   4  8   * 2:23.71
       BK    2:11.32
       B1    2:11.30
       B2    2:11.33
1   5  8     2:17.15
       BK    2:17.27
       B1    2:17.26
       B2    2:17.27
2   6  8     2:17.29
       BK    2:17.44
       B1    2:17.46
       B2    2:17.41
6   7  8     2:39.45
       BK    2:39.66
       B1    2:39.65
       B2    2:39.66
7   8  8     2:46.11
       BK    2:46.25
       B1    2:46.22
       B2    2:46.27

          ST 4
```

Example 4

This was a 200 Y Freestyle event, where a pad time was faster than backup buttons. Also, the order of finish judge noted they could not determine the order of 2 lanes.

Top of tape:

- No discrepancies.

Bottom of tape:

- Lane 1 pad time was faster than backup times and flagged because the average backup and one of the backup times were not within 0.3sec.
    - Pad time was confirmed by one backup time 2:49.71.
    - *No reason to change*.
- Lane 4 was flagged.
    - Timing judge noted a soft touch.
    - Order of finish is a double check and confirms - 46523781.
        - Backup was taken and corrected.
- Order of finish judge noted lane 4 came in first but also showed that they were unsure if lane 6 or 5 came in next by circling the numbers. They may indicate this in other manners as well, i.e. ? If there is a large gap in their recorded order, in which they are unsure, they may indicate with a line between numbers, i.e. 4_____3781.

```
        DAKTRONICS
      OMNISPORT 2000
  START AT 12:14:26.859
      DATE: 10-06-12
    SOURCE: EXTERNAL

           L      RACE:850
    P      E     EVENT:037
    L  L   N    HEAT/R:02 F
    A  A   G    LENGTH:02
    C  N   T
    E  E   H      -TIME-

       4   2      32.35
       6   2      32.78
       5   2      33.17
       7   2      33.48
       1   2      33.59
       3   2      34.17
       8   2      35.78
       2   2      36.97


        DAKTRONICS
      OMNISPORT 2000
  START AT 12:14:26.859
      DATE: 10-06-12
    SOURCE: EXTERNAL

           L      RACE:850
    P      E     EVENT:037
    L  L   N    HEAT/R:02 F
    A  A   G    LENGTH:02
    C  N   T
    E  E   H     -RESULTS-

    5  1   2      33.59
          BK      33.60
          B1      33.61
          B2      33.59
    8  2   2  *   36.97
          BK      36.55
          B1      36.55
          B2      36.54
    6  3   2      34.17
          BK      34.23
          B1      34.25
          B2      34.21
    1  4   2      32.35
          BK      32.49
          B1      32.48
          B2      32.49
    3  5   2      33.17
          BK      33.26
          B1      33.24
          B2      33.27
    2  6   2      32.78
          BK      32.86
          B1      32.84
          B2      32.87
    4  7   2      33.48
          BK      33.49
          B1      33.50
          B2      33.47
    7  8   2      35.78
          BK      35.76
          B1      35.74
          B2      35.78
```

Example 5

This was a 50 Y Freestyle event, where based on all of the information no change was made, even though a lane was flagged.

Top of tape:

- No discrepancies.

Bottom of tape:

- Lane 2 pad time was slower than backup times and flagged because the average backup and backup times were not within 0.3sec.
  - No soft touch was noted by timing operator or timers.
  - Order of finish judge recorded 4657128.
    - Although lane 2 was recorded to finish before lane 8, automated times were available, and backup times on lane 2 would not change that order. In addition, only one order of finish judge was available and was positioned closer to lane 2 than lane 8.
  - This was not a backstroke event or butterfly event where swimmers are more likely to not set the pad off due to how they touch, i.e. top of the pad.
  - This was an 11-12 year old event and swimmers at this age are generally hitting the pad hard.
  - *There was no evidence that a change needed to be made to the pad time, and thus it was not changed*.

```
          DAKTRONICS
         OMNISPORT 2000
  START AT 12:12:54.285
       DATE: 10-06-12
  SOURCE: EXTERNAL

          L      RACE:849
    P     E      EVENT:037
    L  L  N    HEAT/R:01  F
    A  A  G    LENGTH:02
    C  N  T
    E  E  H      -TIME-

       6  2      34.45
       4  2      34.68
       5  2      42.36
       3  2      47.23
       2  2      47.72
```

Example 6

This was a 50 Y Freestyle event, with missing pad times and soft touches.

Top of tape:

- No discrepancies

Bottom of tape:

```
          DAKTRONICS
         OMNISPORT 2000
  START AT 12:12:54.285
       DATE: 10-06-12
  SOURCE: EXTERNAL

          L      RACE:849
    P     E      EVENT:037
    L  L  N    HEAT/R:01  F
    A  A  G    LENGTH:02
    C  N  T
    E  E  H     -RESULTS-

       1  0
          BK      42.36
          B1      42.30
          B2      42.41
    5  2  2  *    47.72
          BK      38.70
          B1      38.61
          B2      38.79
    4  3  2       47.23
          BK      47.36
          B1      47.38
          B2      47.34
    2  4  2       34.68
          BK      34.80
          B1      34.80
          B2      34.79
    3  5  2  *    42.36
          BK      41.69
          B1      41.67
          B2      41.71
    1  6  2       34.45
          BK      34.50
          B1      34.47
          B2      34.53
       7  0
          BK      50.25
          B1      50.21
          B2      50.29

        ST 1,2,5,7
```

- Lanes 1 and 7 have no recorded pad time. This is indicated by the 0 in the length column, and lack of time above the average backup button.
  - Need to take the most automated times, which would be the corrected backup times.
  - Timing operator did note soft touches for these lanes.
  - Order of finish – 6425137 – confirms lane 7 is last, and puts lane 1 after lane 5, since a soft touch was also noted in lane 5.
- Lane 2 pad time was 10 seconds off of backup time.
  - Common sense indicates something is wrong. In this case timing judge and order of finish assist in confirming. The likely scenario was the swimmer set off the pad climbing out of the pool. Since it was the first heat, the swimmer may be less experienced, even though it was a forward finishing stroke and older age range. However, if this information was not available then confirming with timers how the swimmer touched the wall, or if they accidently stepped on the pad if it was a gutterless pool could give additional insight into the discrepancy, and validation for a change.
  - Note timers' times were not consulted since they would have been similar to the backup times, as they are the same operators.
- Lane 5 soft touch indicated and confirmed by timing operator and order of finish.

```
      DAKTRONICS
    OMNISPORT 2000
START AT 12:07:53.181
    DATE: 10-06-12
  SOURCE: EXTERNAL

           L        RACE:846
  P        E       EVENT:036
  L   L    N     HEAT/R:01  F
  A   A    G     LENGTH:02
  C   N    T
  E   E    H        -TIME-

    1  LANE  OFF
    2  LANE  OFF
    6  LANE  OFF
    7  LANE  OFF
    8  LANE  OFF
    4   2          19.15
    5   2          40.77
    3   2        1:10.82
```

```
      DAKTRONICS
    OMNISPORT 2000
START AT 12:07:53.181
    DATE: 10-06-12
  SOURCE: EXTERNAL

           L        RACE:846
  P        E       EVENT:036
  L   L    N     HEAT/R:01  F
  A   A    G     LENGTH:02
  C   N    T
  E   E    H       -RESULTS-

  3   3    2      1:10.82
          BK      1:10.85
          B1      1:10.79
          B2      1:10.91

  1   4    2  *     19.15
          BK        55.58
          B1        55.53
          B2        55.62

  2   5    2        40.77
          BK        41.00
          B1        40.94
          B2        41.05
```

Example 7

This was a 50 Y Freestyle event, with an odd time.

Top of tape:

- No discrepancies, except an odd looking time.

Bottom of tape:

- Lane 2 pad is much faster than backups.
  - Common sense says this is not a reasonable pad time for a 9-10 year old boy.
  - Order of finish – 543 - supports change and use of backup.