

# Huber Timing, LLC



2023 TIMING PRESENTATION

# Start\Finish Line



2018 Start of ORRC Champoeg 10K. Photo copyright Lester Tsai 2018.



# Start\Finish Line



Start of 2018 Stoller 5K. Arch belongs to Foot Traffic.

# Start\Finish Line



Finish of 2017 Stumptown Fernhill Park XC Race and USATF PNW Regional Championships.

# Start\Finish Line



Start and Finish Line for 2018 ORRC Hagg Lake Ultra.

# Finisher Video in Results



2018 Stoller 5K  
Stoller Middle School, Portland, OR  
April 22nd, 2018

Huber Timing Home  
Finishers: 876  
Male: 427  
Female: 449

Email [timing@hubertiming.com](mailto:timing@hubertiming.com) with any questions or corrections. Please include your bib number if you have it.

Results **LORILYNN BLOOMER** ✕

Place	Bib	Name	Gender	Age	City	State	Chip Time	Chip Pace	Gender Place	Age Group	Age Group Place	Time to Start	Gun Time
2	744	LORILYNN BLOOMER	F	45	PORTLAND	OR	00:17:59	05:48	1 of 449	F 45-49	1 of 35	00:00:01	00:18:00

Finish Video

2018 Stoller 5K

WALK

MORE VIDEOS

0:39 / 1:00:03

Open Full Screen

Finisher Certificate

**FINISHER CERTIFICATE**

**LORILYNN BLOOMER**

FINISHED THE 2018 STOLLER 5K IN

**00:17:59**

PRESENTED BY: *Stoller Middle School*

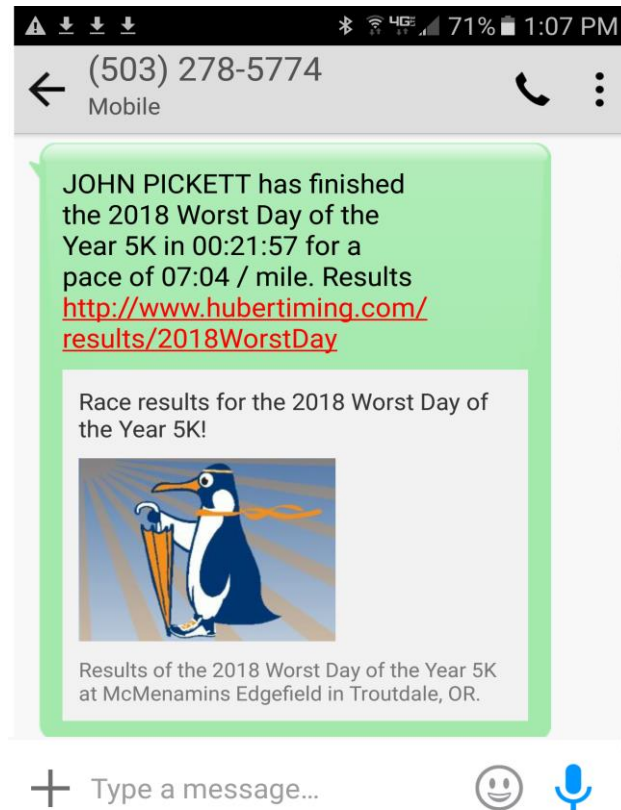
ON THIS DAY: *April 22, 2018*

APRIL 22, 2018

Print Finisher Certificate

# Finisher Txt and Email Notification

- Each finisher is sent a txt message and email with their results typically within a minute of their finish:

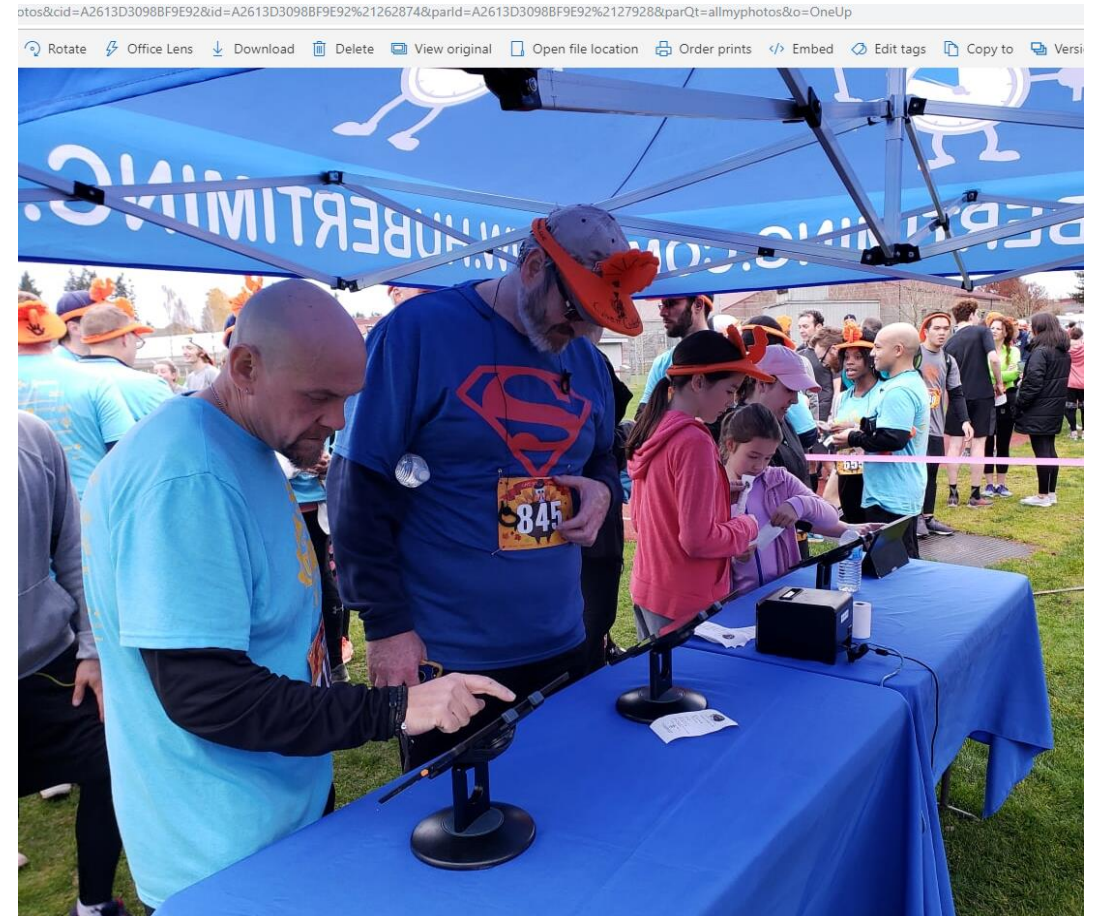
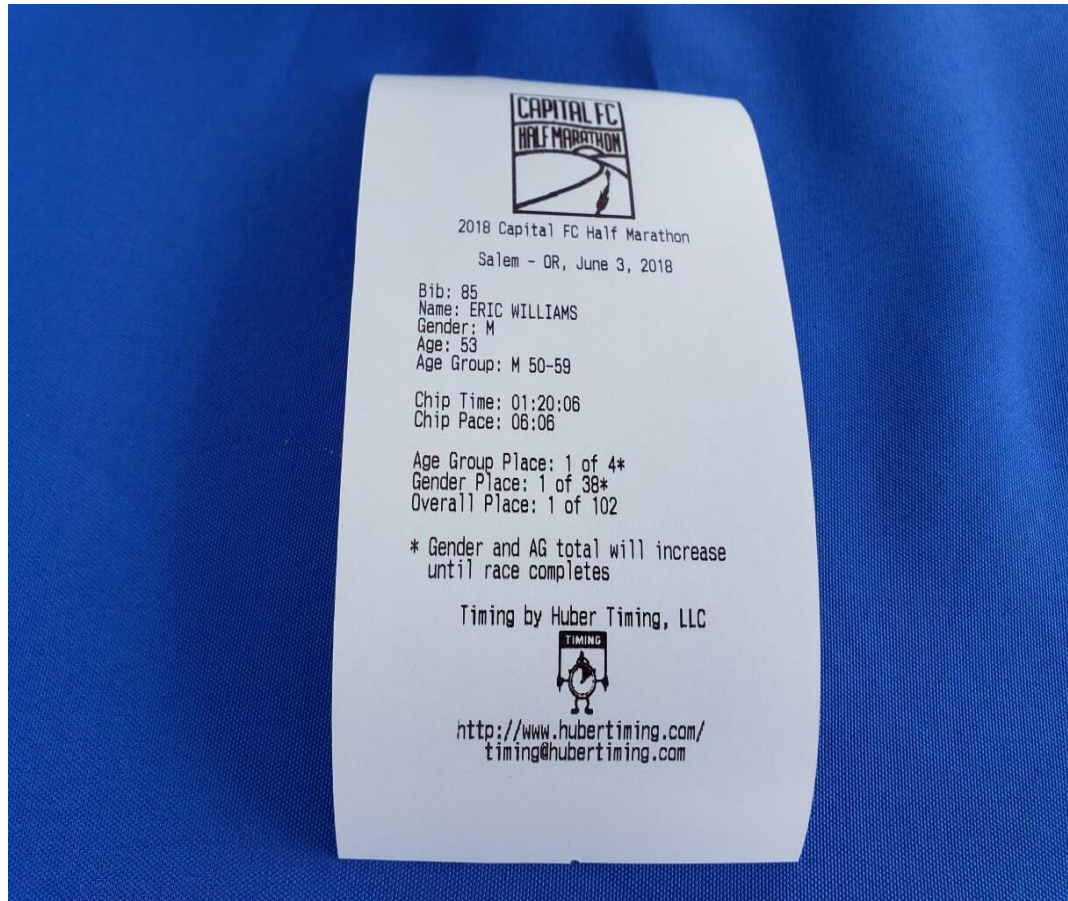


# Results Kiosks



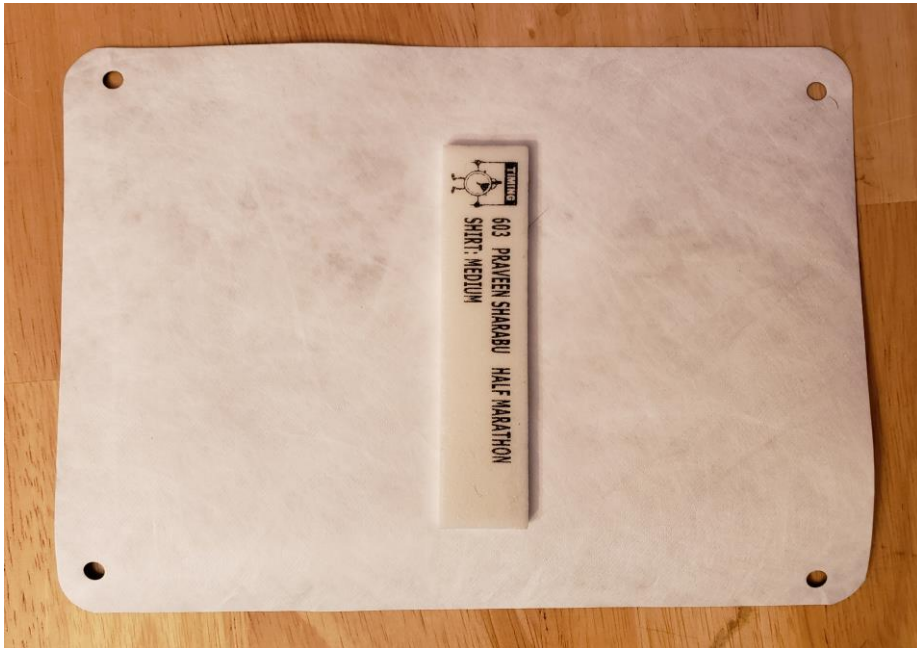


# Results Kiosk Printers



# Disposable Chip Placement on Bibs

- UHF RFID chips placed on back of bib printed with participant information and shirt size.
- Bibs are placed in containers for distribution at Packet Pickup.



# Packet Pickup Distribution



# About Our Timing System



- Uses standard compliant Ultra High Frequency RFID complies with EPCGlobal Generation 2 Class 1 standard.
- Seattle-based Impinj, the worldwide leader in UHF RFID, is our RFID component vendor.
- Uses commercial RFID components used in many industrial applications.
- Ultra High Frequency RFID uses 902-928MHZ ISM band. No interference with Wifi or cell phones.

# About Our Timing System



- Software that controls readers and scores race is custom software we developed and extensively tested. Development started 9 years ago in 2009.
- Our system uses a combination of ground and side antennas with different polarization attributes that maximize accuracy.
- Multiple layers of backup in our timing system:
  1. Every timing line has a backup timing line.
  2. We record the finish with two digital video cameras.
  3. All timing controllers have battery backup in case of power failure.
  4. All timing chips tested before packet pickup.



# About Us

- Husband and wife team own company and have been timing races since 2009. Connected to running community and previously participated in events we now time.
- Time over 60 races of year of all sizes from 100 person events to over 3,500 person events. Some of the events are:



# About Us



- Carry full business liability insurance. Note this insurance only applies to us, and your event still needs event insurance.
- Heather is extremely detailed oriented and focuses on business processes and operations.
- Jeff focuses on the technical aspects of timing.
- Heather has a BA in Business Administration from Linfield College.
- Jeff has a Masters in Software Engineering from Portland State University and a Bachelors of Science in Software Engineering from Oregon Institute of Technology.



# Online Registration



- We can work with any online registration vendor.
- We prefer we are given access to Race Director tools with the online registration vendor so that we can download entries when needed.
- If asked for an online registration vendor recommendation, our preferred vendor is RunSignUp.com. They have extensive race director tools, make immediate payouts, a good price point, and a high-availability and redundant infrastructure. We can setup your race on RunSignUp.com.



# For More Information

- Email: [timing@hubertiming.com](mailto:timing@hubertiming.com)
- Website: <http://www.hubertiming.com/>
- Facebook: <http://www.facebook.com/HuberTiming/>

