



Team Information Packet

Brunswick Eruption 11 will be held on

Saturday, November 17th, 2012

at

North Brunswick Township High School

98 Raider Road

North Brunswick, NJ 08902

Table of Contents

- What to Bring
- Registration and Payment
- Event Agenda
- Robot Drop Off
- What To Do Upon Arrival
- Rule Changes
- FRCTurtle Mobile Application
- Webcast Information
- FTC and VEX
- Important Housekeeping Rules
- Food and Shoe Drives
- Raffles
- Food Concessions
- Feedback

Appendix

- Awards
- Local Hardware Stores
- Alliance Selection Tracking
- Elimination Bracket
- Team List

Website

<http://be.raiderrobotix.org>

Social Media

Twitter [@BrunsEruption](https://twitter.com/BrunsEruption)

Facebook: facebook.com/BrunswickEruption



What to Bring

Please make sure that your team brings the following material to the competition. Outside of asking the other teams attending Brunswick Eruption, there will be no designated spare parts table. If essential, we can make an announcement on the field for any part requests.

1. Safety glasses for all team members, plus any extras for guests.
2. A working robot with its driver station and controls.
3. Robot DAP-1522 wireless bridge (radio).
4. Programming laptop
5. Power strips and extensions cords (each team's pit will be outfitted with a power connection).
6. Robot batteries and chargers
7. Non-perishable food items for the food drive.
8. Any old, used and unwanted shoes to be recycled for our shoe drive.
9. Spirit items and any documentation needed as proof of Aloha Award task completion.
10. Gracious Professionalism :)

Registration and Payment

Registration for Brunswick Eruption costs \$200. Any team bringing a pre-rookie team to compete will receive a \$100 discount per pre-rookie. As always, pre-rookies play for free!

At this point, all registered teams should have received a personalized invoice from Wayne Cokeley. If you have not paid already, please bring your payment to the event or contact Wayne at smwonder@comcast.net to set up arrangements. Please make checks payable to **NBTHS Robotics**. Payment in person at the event can also be completed using a credit card.

Event Agenda

7 AM - Doors open / Robot Load-In
7:30 AM - 8:15 AM - Practice Matches
8:15 AM - 8:25 AM - Drivers Meeting
8:25 AM - 8:40 AM - Opening Ceremonies
8:40 AM - 12:45 PM - Seeding Rounds*
12:45 PM - 1 PM - Alliance Selections
1:00 PM - 1:50 PM - Lunch
1:50 PM - 2:05 PM - Evil Sundae Contest
2:05 PM - 2:30 PM - Brief Awards Ceremony
2:30 - 4:30 PM - Elimination Rounds
4:30 - 4:45 PM - Closing Ceremonies

*Note – We are aiming to have each team play 6 qualification matches.



Robot Drop Off

Teams can drop off their robots and pit supplies early starting on Friday, November 16th at 4:00PM. If you choose this option, please let us know by sending a message to brunswickeruption@gmail.com.

Otherwise, regular robot drop off will start at 7AM on the morning of the event, Saturday, November 17th. **If your team is running late or will not attend last minute, please call or text Wayne Cokeley at (609) 558-8326 or 8325.**

At the end of Raider Road, make a right turn into the parking lot. Robots and supplies can be unloaded curbside (in between the football field entrance and the academic trailer). Then follow the sidewalk path to enter the school near the rightmost entrance. Heading straight down the hallway will lead you to the check-in table and main gym area.

What To Do Upon Arrival

1. Check in with Mr. Cokeley at the team registration table, located at the entrance to the pits on the side of the gym.
2. Bring your robot's radio to the scoring table to have it configured with the proper WPA key.
3. Once your radio has been configured and your robot is ready, please sign up for a practice match as soon as possible so we can ensure your robot connects to the field properly. To sign up for a practice match, please go to the scoring table and speak to the head referee. Practice matches will be filled on a first come, first served basis.
4. Enjoy a tasty breakfast from our concession stands. ☺

Rule Changes

Brunswick Eruption 11 will follow all official 2012 FRC Rebound Rumble Rule with the exception that the Kinect Stations will not be available for teams to use during the hybrid period. Otherwise, there will **NOT** be any rule changes to the game play or the tournament structure. This means that teams within the top 8 may select one another during the alliance selection process.

Robot inspection and weigh in will not take place.



FRCTurtle Mobile Application

NEW - For this year's Brunswick Eruption, we have developed a smartphone web application, FRCTurtle. FRCTurtle will be updated live with the latest match results and team rankings. The application also includes other information such as the event schedule, team list, food menu, and pit map.



To install FRCTurtle, visit be.raiderrobotix.org/mobile.html on your smartphone and follow the installation instructions provided for iPhone and Android. There will also be flyers and QR codes posted throughout the event advertising the application.

Webcast Information

Brunswick Eruption will be streamed live at our webcast portal:
<http://be.raiderrobotix.org/webcast.html>

Please share this link with your friends and family who will not be able to attend the event in person.

Live match results and team rankings are also linked to on the webcast portal:

Match Results: <http://be.raiderrobotix.org/matchresults.html>

Rankings: <http://be.raiderrobotix.org/rankings.html>

Qualification Round Schedule

As soon as all teams have arrived and checked in, a qualification rounds schedule will be generated and distributed to all teams' pits. Pictures of the qualification match schedule will be posted to the [@BrunsEruption](#) Twitter account for team members to save and download to their mobile devices. We will also try to post a PDF of the schedule online.

FTC and VEX Practice Day

FTC and VEX playing fields will be available for teams to use in the Commons area and the Cafeteria. This will simply be a casual practice day for teams in both programs.



Important Housekeeping Rules

Opening Ceremonies

We politely request that all team members temporarily put down their power tools and move to the stands for the event's opening ceremonies.

A Note Regarding Mobile Devices

While we highly encourage the use of mobile devices for communication and scouting purposes throughout the event, we require that the Wi-Fi features of these devices be turned off for the duration of Brunswick Eruption to ensure they do not interfere with the field's communications.

Power Outlets

The Brunswick Eruption crew will attempt to label any power outlets that are in use by the field, webcast, or pits. Please, under any circumstances, **DO NOT** unplug any power cords you encounter in order to plug in or charge your personal cell phone/laptop/tablet, etc. as this will disrupt and delay the event for everyone. If a power outlet is needed, please use the one provided in your team's pit.

Seating

Seating is available in the bleachers located on either side of the field. As per the regular FIRST competition manual, section 4.41, we ask that you do not save seats and graciously accommodate any visitors looking to sit. If possible, please store any spirit items in your team's pit when not in use. Additionally, we ask that you do not obstruct the webcast cameras.

Safety

Please wear safety glasses and close toed shoes while in the pits or on the field at all times. We take no liability for any injuries.



Food and Shoe Drive

Once again, Brunswick Eruption will be collecting non-perishable food items to benefit the North Brunswick Food pantry. The drop off location for food donations will be located in the hallway outside of the main gym.

New for this year, Brunswick Eruption is partnering with [ShoeBox Recycling](#) to collect used pairs of shoes. Please consider donating any old/unwanted pair of shoes. They can be dirty, just not wet or mildewed. If you know that your team will be bringing a large amount of shoes to donate, we would greatly appreciate if you could email us at brunswickeruption@gmail.com and let us know so we can have an idea of how many boxes we will need to bring.

Raffles

A brand new **Apple iPad mini** as well as an **8GB NOOK HD tablet** will be raffled off at the event. Raffle tickets will cost \$5 each. The winner will be selected and announced during the closing awards ceremony.

Food Concessions

A variety of freshly prepared food, including vegetarian options, will be available for purchase in the Commons area of the high school.

<u>Breakfast</u>	<u>Lunch</u>	<u>Beverages</u>	<u>Snacks</u>
Donuts	Hot dogs (toppings: cheese, sauerkraut, chili)	Coffee / Tea	Chips
Bagels	Meatball sandwich	Apple juice	Candy
Muffins	Grilled cheese sandwich	Orange juice	Home baked goods
	Turkey sandwich (with or without cheese)	Water	
	Chala Masala	Soda (Coke, Diet Coke, Sprite, Ginger Ale)	
	Nachos (toppings: cheese and/or chili)	Snapple	
	Chili	Iced tea – regular, diet	
	Veggie snack tray	Starbucks Frappuccino	

Please dispose of all trash in the proper receptacles and limit the amount of food brought into the main gym area.



Feedback

After the event, each attending team contact will be sent a feedback survey. Please forward this survey to all members of your team so that we can find out what you liked and what can be improved for future Brunswick Eruptions. You can also send general comments, questions, or concerns to brunswickeruption@gmail.com.

Appendix

Awards

The following awards will be up for grabs at this year's Brunswick Eruption:

- Aloha Award
- Hoku Award
- Shoe Drive Champion
- Food Drive Champion
- Mike Wade Memorial Award
- Gracious Professionalism "Mahalo" Award
- Smart Play Award in Honor of Dave Beck
- Evil Sundae Survivor
- Best Autonomous Mode
- Best Balancer Award
- Future Glory Award
- BE 11 Finalist
- BE 11 Champion

Full details for each award can be found at <http://be.raiderrobotix.org/awards.html>.

Local Hardware Stores

Home Depot

401 South Main Street
Milltown, NJ
(732) 432-0500

Lowe's Home Improvement

339 New Jersey Route 18
East Brunswick, NJ 08816
(732) 234-2000

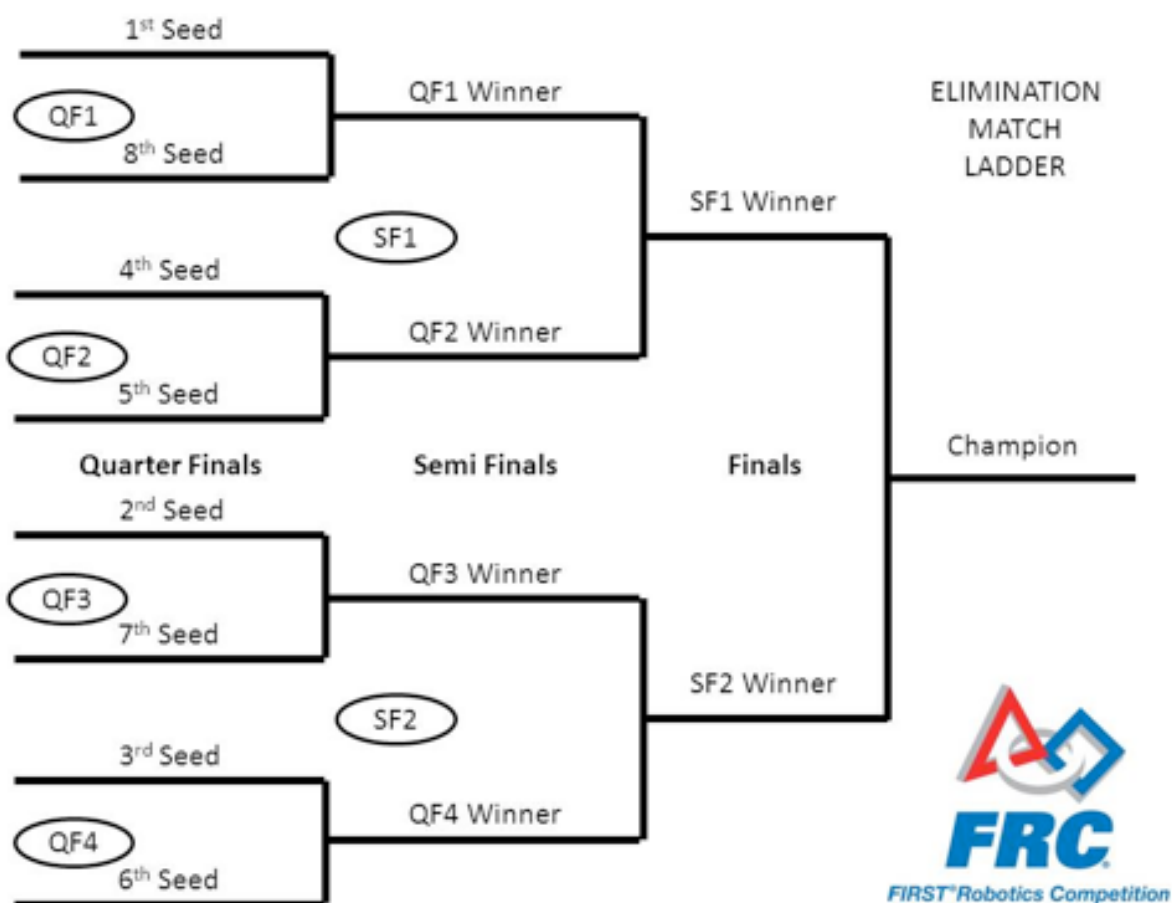


Alliance Tracking

ALLIANCE #	TEAM 1	TEAM 2	TEAM 3
1			
2			
3			
4			
5			
6			
7			
8			

Stand-By	Team #
1	
2	
3	
4	
5	

Elimination Round Bracket





29 Teams from MD, NJ, NY, PA, and Canada!

25 Raider Robotix	1143 Cruzin' Comets
41 RoboWarriors	1279 Cold Fusion
103 Cybersonics Technology Team	1302 Team Lionheart
224 The Tribe	1626 Falcon Robotics
293 SPIKE	1640 Sab-BOT-age
303 TEST Team	1923 MidKnight Inventors
341 Miss Daisy	2458 Team Chaos
369 High Voltage	2495 Hamilton West Robotics
371 Curtis Cyber Warriors	2554 The Warhawks
613 Neowarriors	2590 Nemesis
806 Brooklyn Blacksmiths	2607 Fighting Robovikings
869 Power Cord	3637 The Daleks
888 Robotiators	4067 Incredible Hawks
1075 Sinclair Sprockets	5303 C'est la Vie - Pre-Rookie
1089 Team Mercury	