



FIRST

ROBOTICS COMPETITION

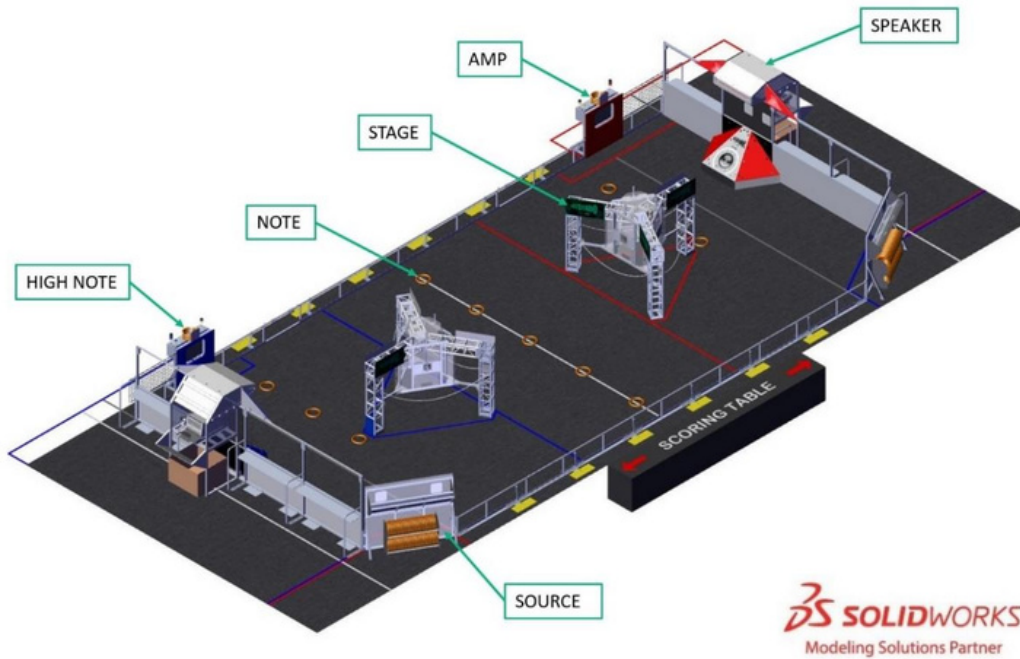
HOSTED BY MT. OLIVE ROBOTICS TEAM



MARCH 1-3

ADMISSION IS FREE
AT MT. OLIVE HIGH SCHOOL

4 Game Overview



In CRESCENDOSM presented by Haas, two competing alliances are invited to score notes, amplify their speaker, harmonize onstage, and take the spotlight before time runs out. Alliances earn additional rewards for meeting specific scoring thresholds and for cooperating with their opponents.

During the first 15 seconds of the match, robots are autonomous. Without guidance from their drivers, robots leave their starting zone, score notes in their speaker or amp, and collect and score additional notes.

During the remaining 2 minutes and 15 seconds, drivers control their robots. Robots collect notes from human players at their source and score them in their amp and speaker. Each time an alliance gets 2 notes in their amp, the human player can amplify their speaker for 10 seconds. Notes scored in an amplified speaker are worth more points than those scored in an unamplified speaker.

A human player may choose to repurpose a note scored in their amp in cooperation with their opponent. If each alliance repurposes a note by hitting their *Coopertition* button in the first 45 seconds of teleop, all teams in the match receive a *Coopertition* point (which influences their rank in the tournament), and the number of notes needed for the melody bonus is reduced.

As time runs out, robots race to get onstage and deliver notes to their traps. Harmonizing robots, i.e. robots sharing a chain, earn an added bonus. Robots earn even more points if a human player spotlights robots on a chain by scoring a note on the chain's microphone.

The alliance that earns the most points wins the match!



MT. OLIVE DISTRICT COMPETITION

2024 Event Schedule

FRIDAY, MARCH 1ST

4:00 PM	Pits, Machine Shop open to teams
5:30 PM	Inspection station opens, field available for measurements
6:00 PM	Practice rounds begin
9:00 PM	Practice rounds end
10:00 PM	Pits close, power to the pit area shut down

SATURDAY, MARCH 2ND

7:00 AM	Volunteers arrive
8:00 AM	Doors, stands, pits, machine shop open; inspections start
10:30 AM	Opening Ceremony
11:00 AM	Qualification Matches
1:00 PM	Lunch
2:00 PM	Qualification Matches
7:00 PM	Qualification matches end- may extend beyond
7:30 PM	Pits and machine shop close, power to the pit area shut down (pits will close a half hour after the last round/match is played)

SUNDAY, MARCH 3RD

7:00 AM	Volunteers Arrive
8:00 AM	Doors, stands, pits, Machine Shop open; inspections start
9:00 AM	Opening Ceremony
9:30 AM	Qualification Matches
12:30 PM	Alliance Selection
1:00 PM	Lunch
2:00 PM	Playoff Rounds Begin
5:00 PM	Awards Ceremony
6:30 PM	Event ends, Pits close

FRC EVENT

SNACK MENU

Muffins	\$3.00	Crumb Cake	\$3.00
Popcorn	\$3.00	Cookies	\$3.00
Chips	\$2.00	Brownies	\$3.00
Candy	\$2.00	Coffee/Tea	\$1.00
Water	\$1.00	Gatorade	\$3.00
Soda	\$1.00	Iced Tea	\$1.00



FRC EVENT

FRIDAY MENU

Baked Ziti	\$5.00	Hot Dog	\$3.00
Chips	\$1.00	Candy	\$2.00
Cookies	\$3.00	Brownies	\$3.00
Coffee	\$1.00	Hot Chocolate	\$2.00
Soda	\$1.00	Water	\$1.00
Iced Tea	\$1.00	Gatorade	\$3.00

SATURDAY AND SUNDAY

FRC EVENT

BREAKFAST MENU

Breakfast Sandwich	\$6.00	Bagel w/butter or Cream Cheese	\$3.00
Muffins	\$3.00	Crumb Cake	\$3.00
Fruit Cup	\$5.00	Overnight Oats	\$5.00
Hot Chocolate	\$2.00	Coffee & Tea	\$1.00
Water	\$1.00	Gatorade	\$3.00

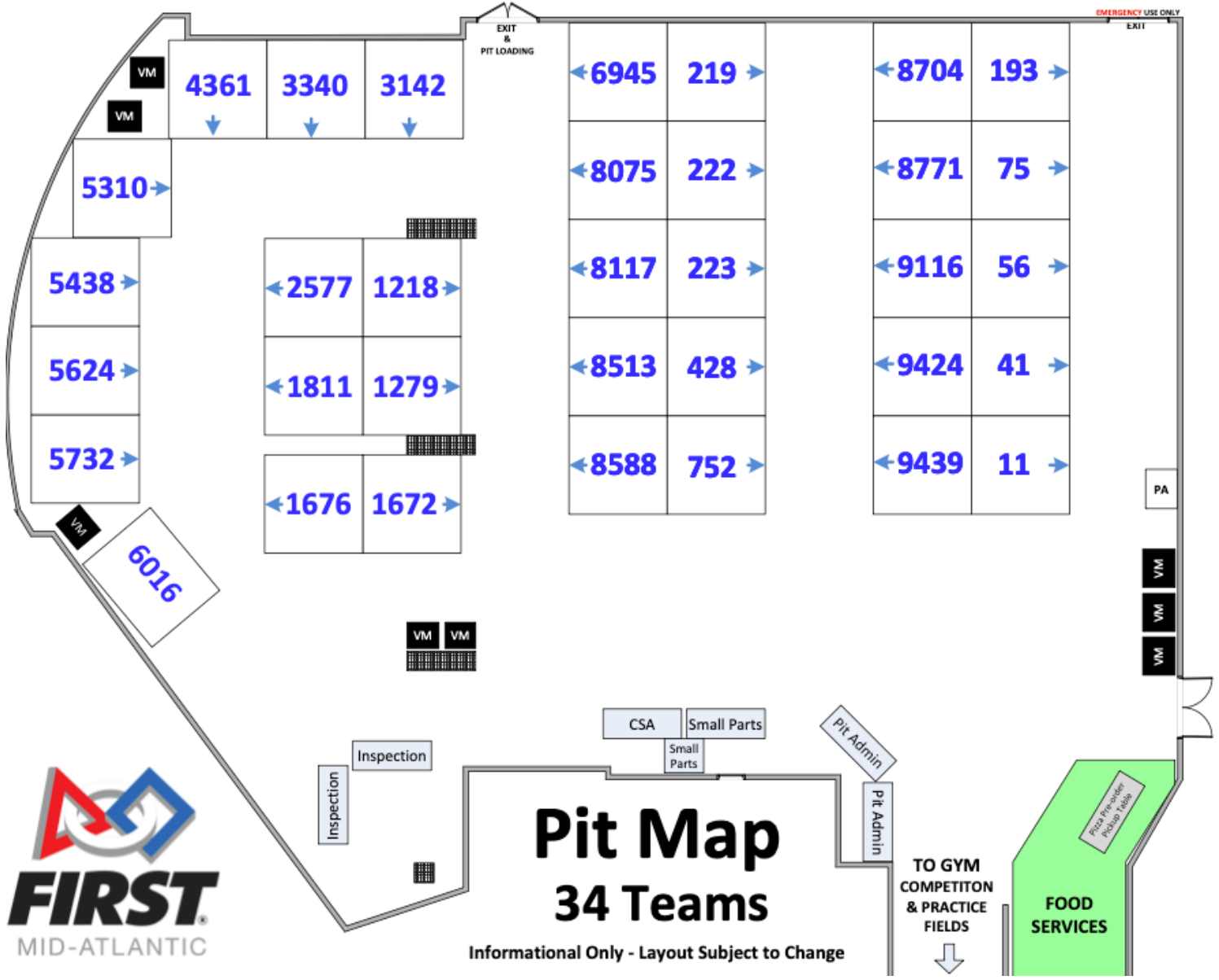
FRC EVENT

LUNCH MENU

Pizza Slice	\$3.00	Garden Salad w/scoop of Chicken or Tuna Salad	\$6.00
Mac & Cheese	\$4.00	Chicken Caesar Salad	\$6.00
Veggie Chili	\$5.00	Italian, Turkey & Veggie Subs	\$6.00
Chicken Fingers w/Fries	\$6.00	Mozzarella & Roasted Red Pepper Sub	\$6.00
Pot Stickers (Saturday only)	\$6.00	Empanadas (Sunday only)	\$6.00
Rice & Veggie Bowl	\$6.00	Hot Dog	\$3.00
Chips	\$1.00	Candy	\$1.00
Cookies & Brownies	\$3.00	Iced Tea	\$1.00
Coffee/Tea	\$1.00	Gatorade	\$3.00
Water/Soda	\$1.00	Hot Chocolate	\$2.00

FMA District - Mt. Olive Event

(Qualifying Event, Mar. 1st – 3rd, 2024)



REGISTERED TEAMS

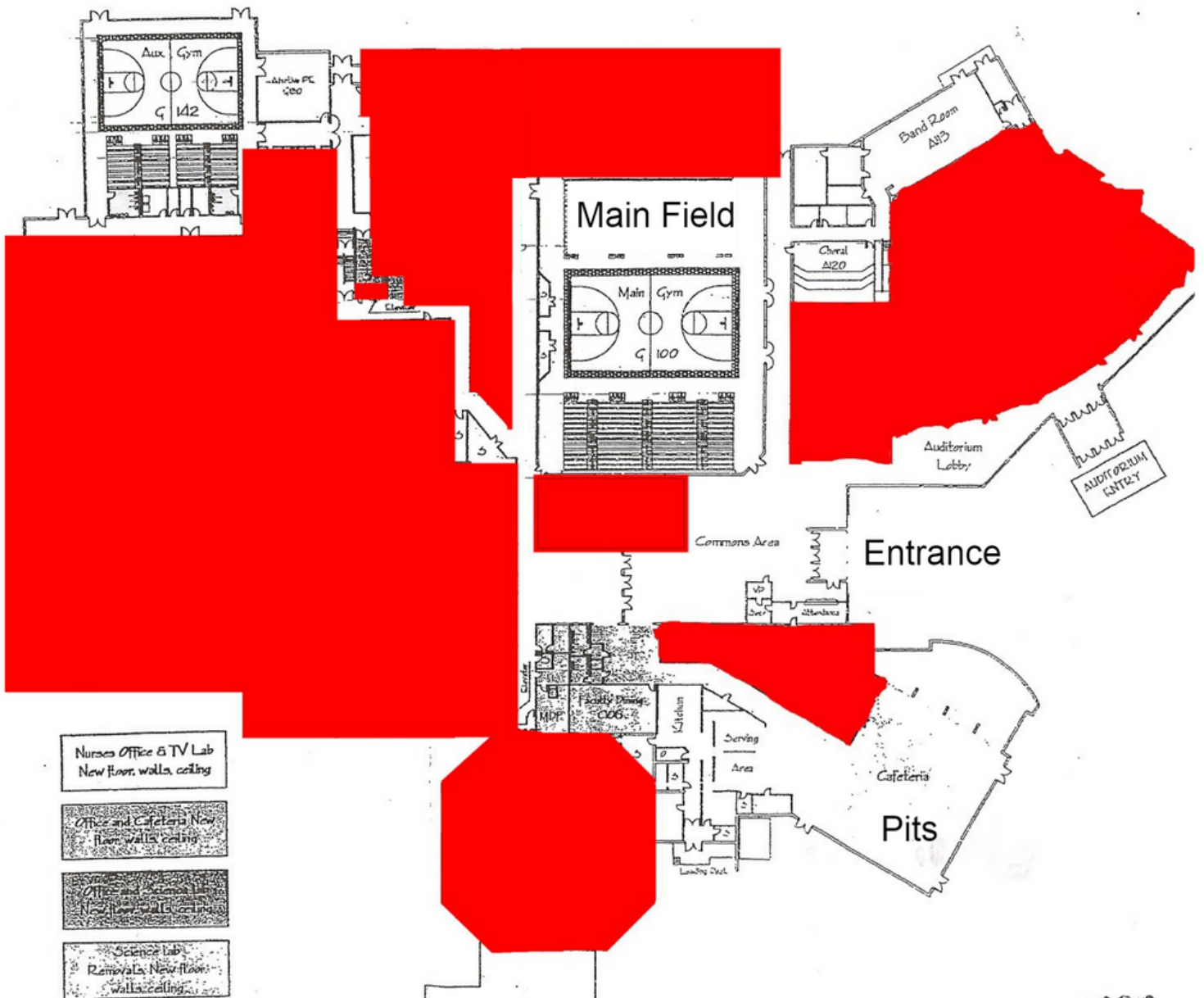
Team Number	Team Nickname	City	State	Country
11	MORT	Flanders	NJ	USA
41	RoboWarriors	Warren	NJ	USA
56	R.O.B.B.E.	Bound Brook	NJ	USA
75	RoboRaiders	Hillsborough	NJ	USA
193	MORT Beta	Flanders	NJ	USA
219	Team Impact 219	Washington	NJ	USA
222	Tigertrons	Tunkhannock	PA	USA
223	Xtreme Heat	Wanaque	NJ	USA
428	BoroBlasters	Hillsborough	NJ	USA
752	The Chargers	Newark	NJ	USA
1218	SCH Robotics	Philadelphia	PA	USA
1279	Cold Fusion	Sommerville	NJ	USA
1672	Robo T-Birds	Mahwah	NJ	USA
1676	The Pascack PI-oneers	Montvale	NJ	USA
1811	FRESH	Newark	NJ	USA
2577	Pingry Robotics	Basking Ridge	NJ	USA
3142	Aperture	Newton	NJ	USA
3340	Union City MagneGeeks	Union City	NJ	USA

REGISTERED TEAMS

4361	Roxbotix	Roxbury Township	NJ	USA
5310	Mecha Ravens	East Orange	NJ	USA
5438	Technological Terrors	Jersey City	NJ	USA
5624	TIGER TECH Robotics	South Plainfield	NJ	USA
5732	ROBOTIGERS	South Plainfield	NJ	USA
6016	Tiger Robotics	Hackettstown	NJ	USA
6945	Children of the Corn	Blairstown	NJ	USA
8075	CyberTigers	Dover	NJ	USA
8117	The Easton RoboRovers	Easton	PAO	USA
8513	Sister 1st	Morristown	NJ	USA
8588	Tech Devils	Denville	NJ	USA
8704	LCMR	Cape May	NJ	USA
8771	PioTech	Wayne	NJ	USA
9116	The Canucks & Bolts	North Plainfield	NJ	USA
9424	EOCHS Robotics Team	East Orange	NJ	USA
9439	Knights of Polaris	Newark	NJ	USA

COMPETITION LOCATIONS

Practice Fields



EMERGENCY CONTACT PLAN

Event Name: FMA Mt. Olive District Event

Dates: Friday-, Saturday- Sunday- March 1st-3rd, 2024

Location: Mt. Olive High School

EMERGENCY CONTACTS:

FIRST Event Coordinator: Ernie DiCicco – 201 519-9298

FIRST Event Manager: Ali Marinari – 215 939-0962

Safety Manager: Paul Hausman – 973 479-1368

Host Venue Security: 973 691-4008 Ext. 7700

Medical Services On-Site: Nurses Office - On Event Radio

Police 911

Fire 911

Ambulance 911

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