



# Event Summary

1 April 2025



PRESENTED BY **HMAS**  
Gene Haas Foundation



## EVENT RECAP - FIM MASON

Red Thunder Robotics and its robot, **Black Pearl**, headed back to make friends and “compete like crazy” on March 22 and 23 in Mason, MI for our second district event, and with only a few modifications, the band of pirates were ready to set sail.

Our robot and its drive team went 9-3 in intense match play, which three of those matches earning all six ranking points. Our alliance in qualification match 80 even earned the high score for the event! We finished qualification rounds ranked 6th out of 40 teams and moved into alliance selection. 7166 became the captain of the 5<sup>th</sup> seed alliance, quickly choosing The Chimeras 1684 and Green Devil Bots 6085 to fill its alliance.

Our alliance won its first 2 playoff matches then faced off against the #2 seed, resulting in a loss, pushing our alliance into the lower bracket of the double elimination tournament. We won the next match, advancing us to the finals to again face the #2 alliance.

While we won the first match of finals, ultimately our alliance came in second. Although our team did not bring home a winning banner, we are very excited for finishing as finalists in both our events and are headed to FIM State Championships!

## 2025 Upcoming Events

### FIM State Champs

**April 3-5**  
Saginaw Valley St. Univ.  
Ryder Center

### Family STEM Night

**April 8**  
Laingsburg HS

### SEDP Manufacturer's Mixer

**April 29**  
Laingsburg High School

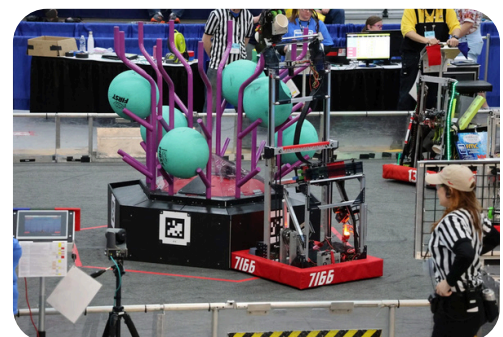
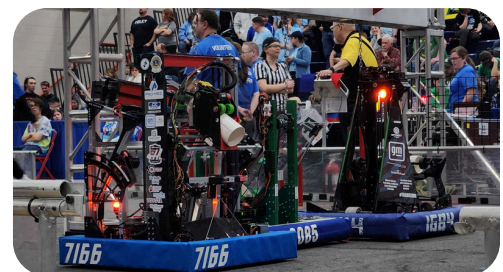
The new High School Red Alliance with 189 so one 11. A new high score. See ranking Point with Two ranking

111	189	WINNER 🏆
9 LEAVE	9	★ HIGH SCORE ★
74 CORAL	130	10349 11 ↑
12 ALGAE	18	8608 4 -
16 BARGE	26	7166 6 ↑
0 PENALTY	6	

RANKING POINTS

Scan for detailed info results

RANKING POINTS



# 7166 EARNS THE ENGINEERING INSPIRATION AWARD

---

During pit judging at the Mason Event, our awards team impressed the judges with both their technical skills as well as our team sustainability plan, community outreach, and STEM activism. So much so that our team was awarded the Engineering Inspiration Award. This award *“celebrates outstanding success in advancing respect and appreciation for engineering within a team’s school or organization, and community.”*

Earning the Engineering Inspiration Award allows our team the opportunity to interview for the State Engineering Inspiration Award during the State Championship!



## WHAT'S NEXT? STATE CHAMPS PLANNING

---

### Software:

- Tune autonomous code to score 4 pieces of coral (4" PVC pipe) in 15 seconds
- Dial in the coral scoring gantry system to create a more automated driver experience

### Mechanical:

- Lighten **Black Pearl** to make the elevator more efficient using a combination of carbon fiber and pocketing techniques

### Drive Team:

- Continued practice running cycles to increase maneuverability and decrease cycle times



---

**Follow us on YouTube!**

