

On Sunday March 24th Henry M Jackson High School's FIRST Robotics Team – Team 2910 – Jack In The Bot concluded



Jack In The Bot – Team 2910
Winning Alliance @ Glacier Peak

their regular season of District play with a well deserved WIN at the PNW Glacier Peak District Event. We finished the qualification matches in 1st place, a position we fought hard for all weekend. For most of the weekend the FIRST Robotics joint team from Cascade and Everett High Schools were in 1st place, Otter Chaos – Team 4512 demonstrated skill and accuracy and proved themselves a formidable alliance partner. Though their team drove with skill their bot was no match for Jack In The Bot's swerve drive which allowed our bot to glide around the field with speed and precision.

In the end Jack In The Bot finished in 1st place and Otter Chaos finished in 3rd place. Glacier Peak was our most intense competition of the season; most teams had already played at least one match and were primed with

improvements and strategy! The drive team (Jacob Bublitz, Timothy Tien, Aspen Perry, David Wairera and coach Patrick Woolfenden) consistently improved over the course of the event keeping a focused and winning attitude the team ended the competition with a 10 – 2 – 0 record.

During the match team members in the stands did their job of cheering and scouting jumping to their feet often to cheer on outstanding play by their drive team on the field. During match 60, out of 76, our team scored 102 points in a clean match (no penalty points) breaking the current **WORLD RECORD FOR THE SEASON OF CLEAN MATCH POINTS EARNED!**

Our team was also awarded the Quality Award which celebrates a machine's robustness in concept and fabrication. This award would not have been possible if it were not for the team's sponsorship by CREO Industrial Arts of Maltby, Washington. Their fabrication of parts from our CAD (Solidworks) files has been game changing for our team, we truly appreciate their support they made the build of our robust machine possible.



Jack In The Bot team Cheering In The Stands

In addition we owe a shout out to Dwayne Lanes Auto Family of Everett for sponsoring the team with a van to transport all of our team gear throughout the season their contribution has allowed our team to focus our resources on investing in quality components for our robot. We have many sponsors to thank so I am listing them below:

- | | | |
|--------------------------|------------------------------|-------------------------------|
| Airgas | Gattman Mumaw | WA Women's Foundation |
| Boeing | H M Jackson HS | Everett Sound Machine Works |
| Computer Concepts | Microsoft | OSPI |
| CREO Industrial Arts | Mill Creek Police Department | Alaska |
| Dwayne Lanes Auto Family | Solidworks | Crane Aerospace & Electronics |
| ElectroImpact | SPEEA | FIRST Tech Credit Union |
| Everett Public Schools | Swerve Drive Specialties | Google |
| FIRST Washington | Tacoma Screw Products | Marathon Oil |

Below are our team's earned stats for the event and season.

A summary of Jack In the Bot's season can be found at the following website

<https://www.thebluealliance.com/team/2910>

Event Stats:

Rank	Team	Ranking Score	Cargo	Hatch Panel	HAB Climb	Sandstorm Bonus	Record (W-L-T)	DQ	Played	Total Ranking Points*
1	2910	2.66	351	230	201	159	10-2-0	0	12	32
2	2930	2.33	309	128	219	138	8-4-0	0	12	28
3	4512	2.33	186	196	171	171	10-2-0	0	12	28
4	4911	2.25	339	198	135	141	11-1-0	0	12	27
5	1983	2.25	273	142	177	162	9-3-0	0	12	27

Team	OPR
2910	41.50
5803	32.89
4911	31.24
2930	29.82
1983	28.46
3826	28.27
3663	27.45
2928	27.03
2522	25.05
2976	25.02
4205	23.36
5827	23.14
3508	22.82

OPR stands for **Offensive Power Rating**, which is a system to attempt to deduce the average point contribution of a team to an alliance. It is based on [sports rating systems](#) used in other sports. OPRs are an interesting way to slice the data for teams at particular events, but aren't a perfect system for assessing a team's performance or contribution.

FIRST World Wide Stats:

Top Regional & District Winners

Number	Teams
3	2168, 2910
2	20, 33, 48, 78, 118, 195, 330, 364, 612, 624, 1323, 1619, 1640, 1678, 2468, 2655, 2791, 2930, 2974, 3310, 3324, 3478, 3538, 3647, 3683, 3750, 3834, 4451, 4635, 4775, 5687, 5883, 5927, 6882

Jack In The Bot ranked high in the world!