

Henry M Jackson High School's FIRST Robotics Team 2910 – Jack In The Bot competed at the PNW Sundome District event March 14 – March 16. The team sustained its world class performance and won the event!

This WIN at the PNW Sundome District Event should ensure the team's place at the PNW Championships April 3 -April 6. During the event, the team won 17 matches, losing only 1, giving them an overall record of 34 wins and 2 losses and an improved OPR of 38.8. The Jack In The Bot team finished the event with an event ranking of 1st first place, there were 31 teams in this competitive field.

In addition to representing the school with spirit, graciousness and professionalism on and off the field, our team won an award for Excellence in Engineering, celebrating an elegant and advantageous machine feature! We were awarded this for our robot's flawless, autonomous climb. Our robot can climb on to a 19" tall platform in 4 seconds with enough space to share the platform with another team, doubling the total points earned. Speed and accuracy are this robot's hallmark; the drive team (Jacob Bublitz, Tim Tien, Aspen Perry, David Wairera, and Engineering coach Patrick Woolfenden) cycled the field with amazing speed, placing 8 hatch panels and filling the cargo ship and lower rocket with cargo. This robot was the robot to defeat and often found itself the target of heavy defense from the opposing alliance robots. However, the team's smooth swerve drive allowed the driver (Jacob Bublitz) to swerve away from the opposing robot and continue scoring points.

Students in the stands showed their spirit by cheering with their pom poms and team numbers (donated by sponsor: CREO Industrial Arts). At one point the team gave a spontaneous demonstration of juggling pom poms to event participants.

The FIRST (For Inspiration and Recognition of Science and Technology) community celebrates the top 10 robots that competed in the West Coast Region (CA, WA, OR, NV, NM, Alberta, BC, CO, HI, UT, TX). Based on voting from our peers in the FIRST community, Jack In The Bot was ranked number 3 this past week. This is a huge honor that we truly appreciate!

Last weekend there were 33 FIRST Competitive Events around the world, with a minimum of 30 teams competing at each event, and Team 2910 Jack In The Bot had the 6th highest OPR in the world for the week.

Come out and watch this amazing team compete at our next local competition at Glacier Peak High School on March 23 and March 24!

Below are some stats from the PNW Sundome Event.

Rank	Team	Ranking Score	Cargo	Hatch Panel	HAB Climb	Sandstorm Bonus	Record (W-L-T)	DQ	Played	Total Ranking Points*
1	2910	2.75	288	190	207	123	11-1-0	0	12	33
2	4692	2.25	240	90	219	159	8-4-0	0	12	27
3	6443	2.16	135	104	207	144	7-5-0	0	12	26
4	5803	2.08	246	98	168	153	9-3-0	0	12	25
5	4061	2.00	231	90	141	150	9-3-0	0	12	24
6	5468	2.00	159	154	123	114	10-2-0	0	12	24
7	1595	1.91	171	82	156	132	8-4-0	0	12	23
8	2522	1.83	249	102	174	138	8-4-0	0	12	22

OPRs - Top 15 (?)

Team	OPR
2910	38.83
1318	27.80
4692	27.03
4125	25.93
5803	24.48
4980	22.83
4061	22.11
2522	21.90

What is OPR?

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.

The Blue Alliance opts to show the top 15 OPRs for each competition.