

DPRG RBNV Chat Record – November 12, 2024

00:18:55.697,00:18:58.697

Pat Caron: John K - showed a robotic candy bucket. He also showed kinetic sand table built with wooden gears

00:19:31.087,00:19:34.087

Ponder SomeMore: the f9p is on sale at Sparkfun:

<https://www.sparkfun.com/products/16481>

00:20:56.551,00:20:59.551

ed mart: Thank You Harold, for the link for tomorrows event...

00:21:02.140,00:21:05.140

ed mart: Introduction: Raspberry Pi imaging & computer vision tools

00:33:06.957,00:33:09.957

Ponder SomeMore:

https://www.amazon.com/gp/product/B08XPYPNFY/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

00:41:55.620,00:41:58.620

Ponder SomeMore: <https://www.revrobotics.com/rev-41-1600/>

00:44:12.527,00:44:15.527

Jim F - CalgaryAB: Hello Harold.

00:48:55.573,00:48:58.573

Pat Caron: Ray/Karim discussed battery and motor drive current/voltage capabilities. They also discussed different gear motors and discussed direct driving wheel on motors.

01:01:08.869,01:01:11.869

Mickey Dean: 1:15? not a 1:18?

01:05:40.987,01:05:43.987

Mickey Dean: Tom, I like how you know how to graph these things, something I need to add to the list of things to learn, you always do great presentations

01:14:35.190,01:14:38.190

Pat Caron: Tom C - gave an update on his new 4wd chassis. He provided an update on motor drive characteristics. He is pleased with the better performance. With the motors dynamic braking he had to program a ramp for accel/decel. His GPS unit failed, and he had to replace it.

01:16:00.436,01:16:03.436

Pat Caron: Harold - Gave an update on his Christmas toy printing effort. Hats off to Harold for helping bring joy to kids at Christmas.

01:31:08.116,01:31:11.116

Pat Caron: Doug P – When reviewing code for this year’s competition, he found out what went wrong with his 2022 RoboColumbus competition runs. He had inadvertently hard coded some GPS waypoints from his back yard into his code during testing. When he ran the robot at the competition it tried to go to his back yard. The coordinates were past the 80 characters that show in his editor, so they were off screen, and he missed them. He had been testing in his yard before the competition.