

## DPRG RBNV Chat Record - April 8, 2025

00:01:08.390,00:01:11.390

Mark R: DPRG Updates - Trish is asking for help on April 23rd, please message Paul

00:02:13.927,00:02:16.927

Mark R: Ted is working on his external GPS robot, trying two versions. one with 6 inch antenna, the other with 6 foot.

00:02:40.903,00:02:43.903

ed mart: Unitree Go 2 Teardown: The Secrets of This \$2000 Robot Dog

00:02:47.102,00:02:50.102

ed mart: <https://youtu.be/YjVbW6Fc11Y?si=sw5b6Mf5rTN0z1xl>

00:04:45.625,00:04:48.625

Mark R: Ted is looking for help on working with crimping SMA connectors

00:11:22.290,00:11:25.290

Mark R: The group had some great feedback and ideas for Ted

00:16:24.901,00:16:27.901

Mark R: John K found a few online resources, one news article of Uber Eats using robots around Dallas to deliver food

00:19:01.920,00:19:04.920

Mark R: He also found a editorial about nbaddorf's UR3 "Useful Autonomous Home Robot"

00:21:38.507,00:21:41.507

Mark R: <https://www.instructables.com/contest/robots25/>

00:22:59.520,00:23:02.520

Mike Williamson: I have a few topics to discuss

00:23:01.320,00:23:04.320

Mark R: Thirdly he found a great tutorial for 2 wheel balancing robot

00:23:03.125,00:23:06.125

Mark R: <https://www.instructables.com/Arduino-Two-Weel-Self-Balancing-Robot/>

00:30:20.553,00:30:23.553

Mark R: <https://www.serverobotics.com/>

00:34:54.608,00:34:57.608

Mark R: Lots of discussion about the 'uber eats' robot, and its use-cases, business model, etc

00:38:03.140,00:38:06.140

Mark R: Tom shared a news article from iFixIt.com for the Unitree Go2 Robot Dog

<https://www.ifixit.com/News/109048/unitree-go2-is-an-impressively-affordable-robot-dog-but-is-it-repairable>

00:41:28.714,00:41:31.714

Mike Williamson: please add me to the queue

00:42:11.880,00:42:14.880

ed mart: Chips markings were laser etch to remove names and part #

00:43:04.524,00:43:07.524

Mark R: David picked up a Waveshare General Driver Board for Robots, and is planning to enter a bot into QuickTrip at the RoboRama

00:45:34.993,00:45:37.993

Mark R: Mike reported that his wall art robot unfortunately dropped the art that was attached, and is redesigning the connection to the motor shaft

00:50:47.896,00:50:50.896

Mark R: He also showed off his 6-can robot and the updates he has made with ROS2, and the added sensors

00:57:03.065,00:57:06.065

Mark R: Doug bought up a couple news articles about the current and upcoming tariff hikes, as well as possible shipping issues from China

00:59:29.119,00:59:32.119

ed mart: 104% at midnight

01:09:24.808,01:09:27.808

Pat Caron: <https://www.ti.com/lit/ml/sekp166/sekp166.pdf>

01:10:29.408,01:10:32.408

ed mart: Limit switch bumper.. switch is commonly found on microwave oven door