

# DPRG RBNV Chat Record – October 15, 2024

00:01:52.656,00:01:55.656

Pat Caron: 60db above  
ambient!

00:03:28.885,00:03:31.885

Pat Caron: It should go  
up to 11 on the volume  
knob

00:11:42.021,00:11:45.021

Paul Bouchier: Karim's  
discussion of "how loud  
should a robot be"

00:11:43.256,00:11:46.256

Jim F – CalgaryAB: Chris,  
your dog 🐕 luvs you ! And  
wants treats.

00:12:05.716,00:12:08.716  
Ted Meyers: Chris has a  
woofer

00:15:01.186,00:15:04.186  
Jim F – CalgaryAB: If  
it's a sentry robot, give  
it speakers and Amp like  
the defense units in  
RoboCop

00:15:29.202,00:15:32.202  
Jim F – CalgaryAB: You  
have 10 seconds to

omply.

00:15:40.372,00:15:43.372

Jim F – CalgaryAB:

Comply.

00:20:28.062,00:20:31.062

Ted Meyers: <https://>

[www.sparkfun.com/](http://www.sparkfun.com/)

[products/24904](http://www.sparkfun.com/products/24904)

00:24:07.060,00:24:10.060

Paul Bouchier: Ted showed

ddata on an optical

tracking sensor –

sparkfun OTOS PAA5160E1

which fuses IMU data with

optical flow data in a

Kalman filter to generate a fused estimate of position.

00:24:37.534,00:24:40.534  
Paul Bouchier: The Github repo is well documented and has a simulator that shows how the filter works.

00:26:32.879,00:26:35.879  
Jim F – CalgaryAB: Paul wants to mow the competition down.

00:27:37.165,00:27:40.165  
Jim F – CalgaryAB: Hello

@Carl and Y'All.

00:27:47.495,00:27:50.495  
Carl Ott: Howdy!

00:29:50.174,00:29:53.174  
Carl Ott: Pat that T-  
Shirt is - out of this  
world...

00:35:19.514,00:35:22.514  
Ponder SomeMore: punny  
man!

00:36:09.638,00:36:12.638  
Paul Bouchier: Paul  
showed Mowbot moving  
(teleop). GOLD STAR

00:37:04.905,00:37:07.905

Paul Bouchier: Pat showed his BOB software running its arbiter

00:40:16.222,00:40:19.222

Paul Bouchier: Pat has cone detection working on the MaixCam but is working on getting it to auto-start.

00:51:31.566,00:51:34.566

Paul Bouchier: He's using MaixSense for obstacle avoidance and MaixCam for inference.

00:54:34.478,00:54:37.478

Paul Bouchier: MaxSense  
is starting fine, but not  
MaixCam

01:00:10.702,01:00:13.702

Pat Caron: Kudos to  
Harold for his efforts on  
3d printing Christmas  
gifts for kids!

01:01:14.653,01:01:17.653

Jim F – CalgaryAB: @Pat  
Caron it's a great  
outreach opportunity as  
well.

01:07:12.602,01:07:15.602

Paul Bouchier: Harold asked for club members to print Christmas toys for kids. Toys will print between 3 and 9 hours for a plate-full. So estimate tending to a print between 4 and 16 hours. Expect to get between 3 to 10 plates from a reel.

01:08:12.779,01:08:15.779

Paul Bouchier: Filament is from Amazon returns. Was going to get thrown away, but is now going to get turned into toys.



01:09:36.306,01:09:39.306

Paul Bouchier: Suspect  
due date is mid-november.

01:10:47.424,01:10:50.424

Paul Bouchier: He has  
regular PLA – poly-terra  
(made out of recycled  
materials).

01:23:00.320,01:23:03.320

Carl Ott: Guys I have to  
go – work call to  
India... Catch you next  
week