SeaPerch Task Checklist

Team Advisor: Fumin Zhang, Carol Young

Name: Hanjie Xie Time: Week of April 6

1. Rubber Pad 2pcs
2. Acrylic Tube Cutting 1pcs
3. Controller Top Board 1pcs
4. Motor holder 2pcs
5. Electronic chasis (base board) 1pcs

Name: Qiuyang Tao Time: Week of April 6

1. Solder ESC holder 1pcs
2. Configure 4 Motor Drivers 4pcs
3. Assemble Battery and BEC 1pcs
4. Power and Motor wiring 1pcs
5. Build Adapter for PWR, I2C 1pcs
6. Test BLDCs 1pcs
7. Mount IR and IMU(resolder) 1pcs

Name: Xinyi Chen Time: Week of April 6

1. Change code to support BLDC 1pcs
2. Test system code 1pcs
3. Activate/Deactivate Motor limitation feature 1pcs

Name: Yanda Wang Time: Week of April 6

1. Help Hanjie cutting materials 1pcs

Advisor Signature:

SeaPerch Parts Checklist

Team Advisor: Fumin Zhang, Carol Young

Name: Hanjie Xie Time: Week of April 13

1. Tube Fairing 2pcs
2. SeaPerch Holder 1pcs
3. Controller IR holder 1pcs
4. Depth sensor holder 1pcs

Name: Qiuyang Tao Time: Week of April 13

1. Add Constant Current driver and Color LEDs 1pcs
2. Change IR PWR to 3W and add heatsink 4pcs
3. Change Jumper wires to soldering 1pcs
4. Assemble IR module 1pcs
5. Water Seal for Wires 1pcs

Name: Xinyi Chen Time: Week of April 13

1. Print feedback on screen 1pcs
2. Stop motors when no signal 1pcs
3. Improve system stability 1pcs

Name: Yanda Wang Time: Week of April 13

1. Help Hanjie cutting materials 1pcs

Advisor Signature: