

WEEKLY REPORT and MEETING AGENDA

Report #: 8 Project Name: Open Source Lidar
Date: 3.24.2022 Prepared by: Aamhish Rao

Agenda for the weekly meeting

1. Discuss status of parts and arrival times
2. Discuss our analysis of the code in the repository
3. Discuss CDR and Peer Review.

Accomplishments during this period

1. Analyze all programs in the scanning firmware for the OpenTOF.
2. Started slides for CDR presentation.
3. Setup laptop to flash firmware on the STM32F407 Discovery board.
4. Half of the project's parts have arrived.

Plans for next period

1. Finish CDR documentations.
2. Wait for PCB and the mirror.
3. Potentially flash the Discovery STM.
4. Create dependencies of the features in the firmware.

Project management status

1. Schedule and milestones - analyzed software
2. Teamwork - The team worked together to analyze the firmware.
3. Purchases - A significant portion of the parts we ordered have arrived.
4. Start working on project critical design review presentation.

Minutes from previous meeting

1. Begun preliminary analysis of the software files
2. Accomplished the reconfigurable design
3. Contacted the author of OpenTOFlidar