

Redundant Testing system for DFA antenna

Date: 9/28/15-10/5/15

Group number and Name: May1604

Client/Advisor: Gary Tuttle, Nathan Neihart

Attendees/Role: Mario, Jesús, Jean, Zhihao, Mukund

Past week accomplishments (please describe as what, who, when)

- We met with Nathan Neihart and reviewed new documents shared with us by the client.
- Jesus and Mario Updated Gary Tuttle on the meeting he could not attend.
- The group along with Nathan Neihart came up with the next steps to discuss with our client.

Plan for coming week (please describe as what, who, when)

- This week we will have our second meeting with FRCCP. Professor Tuttle, Mario, Myself (Jesús and Jin will travel to Mason City, where FRCCP is located, and meet with our client.
- Mukund and Zhihao will work on the website, since they are not available to travel to Mason City, on Tuesday, and meet with our client.
- We will develop a block diagram and conduct a feasibility study of our project.

Pending issues

- Meeting with the Engineers at FRCCP on Tuesday October 6th in Mason City, IA.
- Development of web page content as more information is available to us.
- Get further clarification of schematics sent to us by clients.

Individual contributions

- Jesus setup a dropbox for all of us including the client to share documents in real time.
- Jin led the team meeting with Nathan Neihart. He shared the new documents shared to us by our client.
- Zhihao, Mukund, Mario and Jesús took notes during our weekly meeting and have a plan for October 6th meeting with client.
- Mario and Jesus wrote this weeks report.

Individual hourly contribution

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Jin Cui	8	24
Zhihao Lia	8	24
Mukund Choudhary	8	24
Mario Perez	8	24
Jesús Hernández	8	24

Comments and extended discussion

This week we schedule a second time to meet with our client. Gary Tuttle, our advisor, suggested that he will make the road trip to Mason City with Mario, myself (Jesús) and Jin. This week will conduct a feasibility test, based on what we learn after meeting with our client. We have had weekly meetings as a group on Thursdays including our Advisers. The meetings that we have this week will allow us to produce the feasibility test and produce a block diagram, along with the hardware portion of our project. We hope to have a more detailed report on our project as our client further explains with more detail their device workings.