

NPOI Vacuum Manifold Capstone

Team Meeting

6 October 2021 / 5:30 PM / Eng. Building 2nd floor East room

ATTENDEES

Wyatt (Note Taker) / Cydny / Alex / Jim Clark (Client) / Dave Nobel (Lowell PM)

AGENDA

1. Give the presentation we gave last Monday to Jim and Dave
2. Discuss where we are with the project
3. Find out how the client feels about the project and ask Dave his thoughts
4. Make a plan to move forward with the design and purchasing parts

NOTES

- They really liked the power point and had a lot go good questions, mostly about the class and making sure we are staying on track with our curriculem as much as we are staying on track with the project
- Dave is a project manager for NPOI and works at Lowell Obervitory. He is the POC for making purchases.
- Dave also informed us that since Lowell is a non-profit we do not have to pay tax for anything we order. YAY!
- They like the direction we are heading and are excited to start ordering things as soon as we forfill some requirements.

- We need to show the force analysis of the new system and quantify (preliminary) the safety and statics of the system
- Dave would like us to look at other companies for vacuum components just to check price, but he agrees that since most of NPOI is from KJL we will probably stick with them.

ACTION ITEMS

1. The preliminary report is due next week. We need to be working on that getting sources together and FBD of the concept
2. Take trips to NPOI to source components that are already in hand
3. Meet with EE at NPOI to discuss vacuum electrical feed though
4. Work on Website

NEXT WEEK'S AGENDA

- Report due next Friday
- Meet in class on Monday
- Meet on Wednesday at our typical spot