

Meeting Minutes 1/20/2015

➤ Welcome back, all seem to have had good Christmas breaks which is pleasant to hear.

➤ Pre-meeting discussion:

- The team laid out an updated schedule with major objectives on it as follows below:

January	Mail Dan our recommendation for profilometry
	Create a black box
	Generate research material for black box testing (xenon flash, and electric pulse testing for defect identification)
February	Model stage/ motor for rotation/ do research on design prototype
	Solid model prototype design
March	Stage construction
	Profilometer integration into design
	Acquire a motor for rotation of specimen and program

- Kaleb caught the team up on profilometry by presenting the data from Novacam and Nanovea. The various benefits and downfalls of each product is still in evaluation; however, price tags are convincing is seems.
- Novacam is an estimated \$45K and if we want 4-D capabilities +\$30K. The resolution and capabilities, as well as speed were convincing to offer this as a viable candidate for profilometry.
- Nanovea is an estimated \$70K-\$90K and what it lacks for in sampling time, it makes up for in clarity and precision—especially with the 3-D graphing layout.
- Both products compatible with Matlab.

➤ Meeting with Beyerlein and Theo

- Trevor gave a recap of his on-site visit while on holiday break
- Trevor is gathering a summary of his on site visit to ensure that the client and us are on the same page and then also set up a meeting with the client over the phone for next Tuesday at 11:30am.
- Kaleb is gathering a package of the profilometry to send to the client as well so that we can get some of their thoughts and make a decision on which profilometer to purchase.
- During the conference call ask when they send us some samples to take pictures of them with their camera so that we can have a comparison with ours