**Client Meeting - Thursday 24th of March, 11:30-12:00pm**

**Location:** Electronics Lab, AITC, Mount Stromlo

**Time:** 13:30-12:00pm

**Attendees:**

* Céline d'Orgeville
* Alex Stuchbery
* Jordan Davies
* Gerard Kennedy
* Markus Dirnberger
* Samson Nilon

**Agenda:**

* NDAs today
* Toptica information
* Pro Forma review with Jordan
* Show SSS progress

**Notes:**

Comments on review:

* ANU has heavy systems engineering focus, would prefearably be designing things

Comments on SSS:

* Verification by design (incorporate in analysis)
* Need to find power requirements
* Talked with James Webb about EOS laser, many requirements are marked approx.
  + Instead of approximate, we need requirement ranges
  + Can be 100% - then we don’t know the answer!

Signing NDAs

* Need the spreadsheet
* Will sign NDAs today
* Make a clean copy for our assessors

Gathering requirements for the telescope

* Proactive attitude is great!
* Avoid emails at all costs!

Beam transfer optics:

* Determine space for OPSL on EOS boards, set dimensions
* ⅓ of the board will be free, but that will be distributed
* If space is available, reserve space
* If we get Toptica laser, either EOS or Toptica.
  + SERC is deciding about the Toptica laser, or going with EOS
  + At some point, both would be available, and if there is minimal disruption, then they could both be installed.
  + More effort for our project: two lasers
  + Three lasers only if we have magic options
  + Also consider the scenario to mount the OPSL separately, could be a completely separate design
  + Priorities: EOS/OPSL, Toptica/OPSL, OPSL, all three

Mounting on the top of the telescope

* In theory, OPSL vibration resistant
* An option: mount on top plate of the telescope
* Concerns: vibrations
* Table of options with pros and cons, possibly include a recommendation

Samson’s crazy idea: vertical mounting

* To have all three lasers
* Reaction: vertical mounted optics are trickier to work with logistics, not the preferred approach, how does James feel about that? In the labs they are tested