**Progress report 10**

Tawab Karim

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| --- | --- |
| Date | 22/10/2019 |
| Subject | AIM+Website |
| Project Term |  |

# Outcomes of the last meeting (15/10/2019)

* I will discuss, next week Tuesday, with Jan and Nisse the production times of Batch 4 and Batch 5.
* Production drawings need the code and amount on them as well.

# Results during the last week(s)

* Batch 2 has been made, will be brought to get anodised this week, will give everything from the test batch, except for the tower while this needs some post processing still.
* Batch 4 and Batch 5 have been defined, will sit next week with Nisse and Jan to discuss final production dates. While these are new components, production times have to be determined this way.
* Laserbox is being made from stainless steel instead of aluminium, while aluminium isn’t possible to cut in the laser cutter. The stainless steel hadn’t arrived yet the past week, so Nisse will make this when he gets back.
* The interferometer that Will has been working on still needs alignment, need to send an email in order to find out what the easiest way is to align this, instead of iterating continuously.

# Other business

* Nisse will be gone next week for 1 week in total (21/10/2019 till 27/10/2019)
* For me exams are coming up, therefore I will only be here one day this week and next week.

# Plans for next week(s)

* Make production drawings.
* Start the build of the laserbox (Will or Alex will build this)
* Help Will with the alignment of the interferometer.
* Make more elaborate plan for website

# Schedule current and next week

## This week

* Monday 1300-1330 (Meeting with Jan)
* Thursday 0900-1800

## Next Week

* Monday 1300-1830

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| --- | --- | --- | --- | --- |
| Project | Figure | Current Components | Needed Components | Earliest Due Date |
| DMD-Setup | LINK |  |  |  |
| TIRF-Setup | LINK | 1,2,3,4,6,7,8,10 | 5,9 | 30/09/2019 |
| LS-Module | LINK |  |  |  |

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| Figure no. | Component code | Component Name | Amount in Inventory | Amount in production | Production due date |
| [1](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_1_1) | CR001-A | Microscope Tower | 1 | 2 | 30/09/2019 |
| [2](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_2_1) | CR002-A | EM Plate | 1 | 2 | 30/09/2019 |
| [3](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_3_1) | CR003-A | FilterPlate | 1 | 2 | 30/09/2019 |
| [4](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_4) | CR004-A | CoverPlate V2 P1 | 1 | 2 | 30/09/2019 |
| [5](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_5) | CR005-A | CoverPlate V2 P2 | 0 | 3 | 30/09/2019 |
| [6](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_6) | CR006-A | BottomPlate | 1 | 2 | 30/09/2019 |
| [7](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_7) | CR007-A | Stage Mount | 3 | 0 | - |
| [8](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_8) | CR008-A | Stage Plate | 3 | 0 | - |
| [9](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_9) | CR009-A | Tube Lens Mount | 0 | 1 | 18/10/2019 |
| [10](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_10) | PP001-A | CameraMount | 2 | 0 | - |
| 11 | CR008-B | Stage Plate | 0 | 1 | 18/10/2019 |
| 12 | CR010-A | StageThorlabsAdapter-A | 0 | 1 | 18/10/2019 |
| 13 | CR011-A | StageThorlabsAdapter-B | 0 | 1 | 18/10/2019 |
| 14 | CR012-A | SpacerBlockStage | 0 | 1 | 18/10/2019 |
| 15 | CR013-A | FilterPlateStraight | 0 | 1 | 18/10/2019 |
| 16 | CR020-A | PanelLaserBox1 | 0 | 1 | 04/10/2019 |
| 17 | CR021-A | PanelLaserBox2 | 0 | 1 | 04/10/2019 |
| 18 | CR022-A | PanelLaserBox3 | 0 | 1 | 04/10/2019 |
| 19 | CR023-A | PanelLaserBox4 | 0 | 1 | 04/10/2019 |
| 20 | CR024-A | PanelLaserBox5 | 0 | 1 | 04/10/2019 |
| 21 | CR025-A | PanelLaserBox6 | 0 | 1 | 04/10/2019 |
| 22 | CR026-A | PanelLaserBox7 | 0 | 1 | 04/10/2019 |
| 23 | CR027-A | PanelLaserBox8 | 0 | 1 | 04/10/2019 |
| 24 | CR028-A | PanelLaserBox9 | 0 | 1 | 04/10/2019 |
| 25 | CR029-A | PanelLaserBox1D | 0 | 1 | 04/10/2019 |
| 26 | CR030-A | PanelLaserBox4D | 0 | 1 | 04/10/2019 |
| 27 | CR014-A | OuterBlock1 | 0 | 1 | ? |
| 28 | CR015-A | OuterBlock2 | 0 | 1 | ? |
| 29 | CR016-A | InnerBlock | 0 | 1 | ? |
| 30 | CR017-A | PolerazationConnector | 0 | 1 | ? |
| 31 | CR018-A | PolerazationSelector | 0 | 1 | ? |
| 32 | CR031-A | BackPlateMirror | 0 | 1 | ? |
| 33 | CR032-A | MirrorRotMount | 0 | 1 | ? |
| 34 | CR033-A | HoldPlate | 0 | 1 | ? |
| 35 | CR034-A | Mounting | 0 | 1 | ? |
| 36 | CR035-A | SidePlateConnector | 0 | 1 | ? |
| 37 | CR036-A | SidePlateB | 0 | 1 | ? |
| 38 | CR037-A | SidePlates | 0 | 1 | ? |
| 39 | CR038-A | NemaMount | 0 | 1 | ? |
| 40 | CR039-A | HaltePlatte | 0 | 2 | 04/10/2019 |
| 41 | CR040-A | Anschraubplatte | 0 | 2 | 04/10/2019 |
| 42 | CR041-A | Kugelhalter2 | 0 | 4 | 04/10/2019 |
| 43 | CR042-A | Kugelhalter | 0 | 2 | 04/10/2019 |
| 44 | CR043-A | Kugelhalter3 | 0 | 2 | 04/10/2019 |
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## Project figures

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| DMD-Setup |
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| TIRF-Setup |
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| LS-module |
| -image not yet made- |

## Component figures

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| --- | --- |
| Figure 1 -- CR001-A | Figure 2 – CR002-A |
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| Figure 3 – CR003-A | Figure 4 – CR004-A |
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| Figure 5 – CR005-A | Figure 6 – CR006-A |
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| Figure 7 – CR007-A | Figure 8 – CR008-A |
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| Figure 9 – CR009-A | Figure 10 – PP001-A |
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| Figure 13 – CR008-B | Figure 12 – CR010-A |
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| Figure 13 – CR011-A | Figure 14 – CR012-A |
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| Figure 15 – CR013-A | Figure 16 – CR020-A |
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| Figure 17 – CR021-A | Figure 18 – CR022-A |
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| Figure 19 – CR023-A | Figure 20 – CR024-A |
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| Figure 21 – CR025-A | Figure 22 – CR026-A |
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| Figure 23 – CR027-A | Figure 24 – CR028-A |
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| Figure 25 – CR029-A | Figure 26 – CR030-A |
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| Figure 27 – CR014-A | Figure 28 – CR015-A |
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| Figure 29 – CR016-A | Figure 30 – CR017-A |
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| Figure 31 – CR018-A | Figure 32 – CR031-A |
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| Figure 33 – CR032-A | Figure 34 – CR033-A |
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| Figure 35 – CR034-A | Figure 36 – CR035-A |
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| Figure 37 – CR036-A | Figure 38 – CR037-A |
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| Figure 39 – CR038-A | Figure 40 – CR039-A |
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| Figure 41 – CR040-A | Figure 42 – CR041-A |
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| Figure 43 – CR042-A | Figure 44 – CR043-A |
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# Appendix

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