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**PETER Production Schedule**

|  |  |
| --- | --- |
| Project title | **PETER** |
| Date of issue | **10/10/2018** |
| Prepared by | **Alisa Leavesley** |

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**Commercial in Confidence**

# Production schedule

## Combined Thomas Keating Ltd (TK) and NenoVision (NV) production schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item Number** | **Deliverable** | **Responsible Party** | **Start Date** | **Due Date** |
| 1 | Modulation coil design | TK | 05/10/2018 | 31/10/2018 |
| 2 | GRASP EPR reflection analysis | TK | 01/09/2018 | 31/10/2018 |
| 3 | Probe electrical connection design | TK |  | 31/10/20218 |
| 4 | Quasi optical bridge design | TK |  | 15/11/2018 |
| 5 | Probe VTI interface design\* | TK |  | 15/11/2018 |
| 6 | Basic probe design for side irradiation | TK |  | 08/12/2018 |
| 7 | Critical design review (transmission probe design) | TK/NV |  | 12/12/2018 |
| 8 | Design review (quasi optics) | TK |  | 12/12/2018 |
| 9 | Design review (side irradiation probe design) | TK/NV |  | 12/12/2018 |
| 10 | Waveguide manufacture\* | TK | 01/08/2018 | 30/11/2018 |
| 11 | Quasi optical bridge manufacture | TK | 15/11/2018 | 15/02/2019 |
| 12 | SPM manufacture | NV | Dec-18 | 31/03/2019 |
| 13 | Probe manufacture | TK | 01/09/2018 | 31/01/2019 |
| 14 | Probe delivered to NV | TK | 01/02/2019 | 15/03/2019 |
| 15 | Quasi optical bridge delivered to USTUTT | TK | 01/02/2019 | 28/02/2019 |
| 16 | THz source delivered ǂ |  |  | 01/03/2019 |
| 17 | SPM movement & software testing (RT) Ŧ, ǂ | NV | 01/04/2019 | 30/05/2019 |
| 18 | Magnet delivered ǂ |  |  | 01/06/2019 |
| 19 | Magnet hardware & software testing Ŧ | USTUTT | 01/06/2019 | 30/06/2019 |
| 20 | Full system delivered to USTUTT | TK/NV |  | 30/06/2019 |
| 21 | SPM movement testing (cold) Ŧ | NV/USTUTT |  | 30/07/2019 |
| 22 | EPR testing & software (RT + cold) Ŧ | USTUTT |  | 30/07/2019 |

\*Dependent on magnet design

ǂ Dependent manufacturer delivery

Ŧ Tentative dates

The waveguide and titanium mirrors are currently being manufacture by TK for items 10 and 13. The electrical connections have been determined by Nenovision and TK, and they just need to be incorporated into the probe CAD file by TK for item 3.

1. **Testing schedule**

To be determined as manufacture approaches completion.