

ID	Outlin Numb	Task Name	Start	Finish	Gantt Chart Timeline																																				
					1, 2022	Half 2, 2022			Half 1, 2023			Half 2, 2023			Half 1, 2024			Half 2, 2024			Half 1, 2025			Half 2, 2025			Half 1, 2026			Half 2, 2026			Half 1, 2027								
					M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M
1	1	LhARA	Tue 03/08/21	Fri 30/04/27																																					
2	1.1	Proposal	Tue 03/08/21	Fri 01/04/22																																					
146	1.2	LhARA Project	Fri 01/04/22	Fri 30/04/27																																					
147	1.2.1	Launch of LhARA project	Fri 01/04/22	Fri 01/04/22																																					
148	1.2.2	Conceptual Design Report for the facility	Sun 31/03/24	Sun 31/03/24																																					
149	1.2.3	Technical Design Report (TFD2) for Stage 2	Wed 31/03/27	Wed 31/03/27																																					
150	1.2.4	Technical Design Report for Stage 1	Mon 31/03/25	Mon 31/03/25																																					
151	1.2.5	WP1 Project Management	Fri 01/04/22	Fri 30/04/27																																					
728	1.2.6	WP2 Source	Wed 01/06/22	Wed 14/04/27																																					
794	1.2.7	WP3 Capture	Fri 01/04/22	Wed 14/04/27																																					
795	1.2.7.	Task 1	Fri 01/04/22	Wed 31/03/27																																					
796	1.2.7.	Order & install low voltage plasma hardware	Fri 01/04/22	Thu 30/06/22																																					
797	1.2.7.	Investigate low voltage with existing apparatus	Fri 01/04/22	Fri 30/09/22																																					
798	1.2.7.	Order & install medium voltage hardware in existing appara	Fri 01/04/22	Sat 10/12/22																																					
799	1.2.7.	Study medium voltage plasma in existing apparatus	Sat 01/10/22	Sat 30/09/23																																					
800	1.2.7.	PIC modelling validation	Fri 01/04/22	Sat 31/12/22																																					
801	1.2.7.	PIC modelling guidance	Sat 01/10/22	Wed 31/03/27																																					
802	1.2.7.	Task 2	Fri 01/04/22	Wed 31/03/27																																					
803	1.2.7.	Order and assmeble high voltage plasma hardware	Fri 01/04/22	Fri 30/06/23																																					
804	1.2.7.	commission high voltage plasma apparatus	Sat 01/07/23	Sun 31/12/23																																					
805	1.2.7.	study high voltage plasma	Mon 01/01/24	Tue 31/03/26																																					
806	1.2.7.	Interface & test testbench with test source	Wed 01/04/26	Wed 31/03/27																																					
807	1.2.7.	Finalise design for usable Gabor lens	Fri 01/01/27	Wed 31/03/27																																					
808	1.2.7.	Risk Mitigation	Fri 01/04/22	Wed 14/04/27																																					
809	1.2.7.	install existing Magnet until new magnet is available	Sat 01/07/23	Sat 30/09/23																																					
810	1.2.7.	obtain custom electronics	Tue 01/10/24	Tue 31/12/24																																					
811	1.2.7.	Reporting	Thu 29/09/22	Wed 14/04/27																																					
812	1.2.7.	Deliverable 1	Thu 29/09/22	Wed 12/10/22																																					
813	1.2.7.	Deliverable 2	Mon 03/04/23	Thu 13/04/23																																					
814	1.2.7.	Deliverable 3	Mon 02/10/23	Fri 13/10/23																																					
815	1.2.7.	Deliverable 4	Mon 01/04/24	Thu 11/04/24																																					
816	1.2.7.	Deliverable 5	Mon 23/09/24	Fri 04/10/24																																					
817	1.2.7.	Deliverable 6	Tue 01/04/25	Mon 14/04/25																																					
818	1.2.7.	Deliverable 7	Thu 02/10/25	Wed 15/10/25																																					
819	1.2.7.	Deliverable 8	Wed 01/04/26	Tue 14/04/26																																					
820	1.2.7.	Deliverable 9	Fri 02/10/26	Thu 15/10/26																																					
821	1.2.7.	Deliverable 10	Thu 01/04/27	Wed 14/04/27																																					
822	1.2.8	WP4 Ion-acoustic	Fri 01/04/22	Wed 14/04/27																																					
847	1.2.9	WP5 Vertical Beamline	Fri 01/04/22	Wed 31/03/27																																					
848	1.2.10	WP6 System design	Fri 01/04/22	Wed 31/03/27																																					

Project: LhARA1- DK Date: Mon 28/02/22	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			