

WBS	Name	Finish Date	Risks_Level	Risk_Impact	Risk Level Duration	Probability	Delay due to risk	Sequential Delay
4	End of STEP IV Operations	01/04/2016	(RISK)-(R3)	Additional data runs required to complete matrix	20	0.5	11/04/2016	10
7.4.5	All Channel Magnets moved out of the Hall	04/07/2016	(RISK)-(R4)	Expert Personnel not available	10	0.5	19/07/2016	15
7.3.6	PRY Material removed from the Hall	01/08/2016					16/08/2016	15
7.6	Step IV De-Commissioning Complete	01/08/2016					16/08/2016	15
8.3	Hall Civil Engineering Complete	20/10/2016	(RISK)-(R4)	Contractor Delays	10	0.25	06/11/2016	17.5
9.3.1.7	Install base plate - RFCC #1	28/12/2016	(RISK)-(R3)	Re-work required	20	0.25	19/01/2017	22.5
9.3.1.12	Install base plate - AFC #2	31/01/2017	(RISK)-(R3)	Re-work required	20	0.25	27/02/2017	27.5
9.3.1.17	Install base plate - Spectrometer Solenoid Downstream	06/03/2017	(RISK)-(R3)	Re-work required	20	0.25	07/04/2017	32.5
9.3.2.1.6	South side SS return yoke installation complete	23/05/2017	(RISK)-(R3)	Additional machining or replacement of parts	20	0.3	30/06/2017	38.5
9.3.2.2.6	South side RFCC return yoke installation complete	02/08/2017	(RISK)-(R3)	Additional machining or replacement of parts	20	0.3	15/09/2017	44.5
9.3.4.3	Install RFCC into position	07/09/2017	(RISK)-(R4)	Expert Personnel not available	10	0.2	23/10/2017	46.5
9.3.4.10	Test cavities with zero magnetic field	09/02/2018	(RISK)-(R3)	Testing requires a longer amount of time	20	0.3	02/04/2018	52.5
9.3.4.11	RFCC #1 Installed - Cavity conditioning with NO B-Field complete	09/02/2018					02/04/2018	52.5
9.3.4.12	Cooldown RFCC #1	09/03/2018	(RISK)-(R2)	RFCC will not cool to specified level and interaction required	40	0.25	10/05/2018	62.5
9.3.2.4.6	North side RFCC return yoke installation complete	21/05/2018	(RISK)-(R3)	Additional machining or replacement of parts	20	0.3	28/07/2018	68.5
10	MICE step V installation complete	21/05/2018	(RISK)-(R2)	Delay due to currently non-critical items reaching critical path	40	0.5	17/08/2018	88.5
11.2.2	Test and condition cavities, with B field, 1MW	14/08/2018	(RISK)-(R2)	Additional testing time required	40	1	20/12/2018	128.5
11.2.3	RF cavity testing complete	14/08/2018					20/12/2018	128.5
11.2.4	Combined magnet and operational tests complete	14/08/2018	(RISK)-(R2)	Delay due to currently non-critical items reaching critical path	40	0.5	09/01/2019	148.5

Step V Critical Path evolution for UK Flat Funding

