

Constraints for operations planning

- Step IV integration complete: March 2014
- ISIS operation: not scheduled, indicative for planning:

	Monday	25-Aug-14	Sunday	08-Feb-15	168				TS-1	TS-2
	Monday	09-Feb-15	Sunday	15-Mar-15	35					
	Monday	16-Mar-15	Monday	16-Mar-15	1					
2014/03	Tuesday	17-Mar-15	Friday	24-Apr-15	38	37.0	124.0		37	37
	Friday	24-Apr-15	Sunday	26-Apr-15	3					
	Monday	27-Apr-15	Sunday	17-May-15	21					TS-2
	Monday	18-May-15	Sunday	31-May-15	14					
	Monday	01-Jun-15	Monday	01-Jun-15	1					
2015/01	Tuesday	02-Jun-15	Friday	24-Jul-15	52	50.0	50.0		87	50
	Friday	24-Jul-15	Sunday	26-Jul-15	3					
	Monday	27-Jul-15	Sunday	23-Aug-15	28				TS-1	TS-2
	Monday	24-Aug-15	Sunday	06-Sep-15	14					
	Monday	07-Sep-15	Monday	07-Sep-15	1					
2015/02	Tuesday	08-Sep-15	Friday	16-Oct-15	38	37.0	87.0		37	37
	Friday	16-Oct-15	Sunday	18-Oct-15	3					
	Monday	19-Oct-15	Sunday	25-Oct-15	7					
	Monday	26-Oct-15	Sunday	01-Nov-15	7					
	Monday	02-Nov-15	Monday	02-Nov-15	1					
2015/03	Tuesday	03-Nov-15	Friday	18-Dec-15	45	44.0	131.0		81	81
	Cycle									
	Shutdown and/or moderator change								Mod. change and cumul. days	

“Blocking it out”

- 2015/01:
 - Commissioning and shake-down
 - Field-off/field-on; alignment and calibration
- 2015/02:
 - Contingency for shake-down;
 - Empty/LH2: nominal optics
- 2015/03:
 - Empty/LH2: 3 x 3 momentum/emittance matrix

Christmas shutdown

- 2016/01:
 - LiH: 3 x 3 momentum/emittance matrix
- 2016/02 & 2016/03:
 - Contingency:
 - Return to LH2/empty
 - Repeat calibration
 - Additional data or configurations

Essential programme complete to allow start of Step V integration in fall 2016