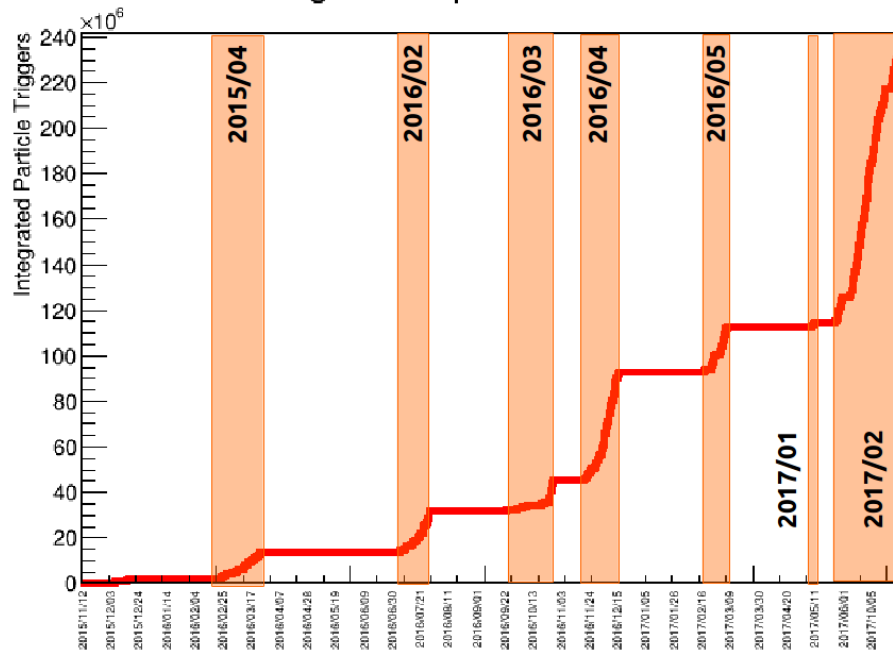


▶ Plans for Cycle 2017/03

Cycle 2017-02 summary

Integrated Exposure 2015-2017



Integrated over (ϵ -p) beam settings
Note paucity of empty absorber settings

Full LH2 Absorber				
Channel	Run	Solenoid/ Flip?	M2D	Particle triggers (k)
On	2017-02-1	Sol	Off	20796
On	2017-02-2	Sol	Off	6411
On	2017-02-3	Flip	Off	12197
On	2017-02-4	Flip	Off	8010
On	2017-02-5	Sol	On	3990
On	2017-02-6	Sol	On	8019
On	2017-02-7	Flip	On	6450
On	2017-02-8	Flip	On	2684
				68558
Off	Straight			11380
Empty LH2 Absorber				
On	2017-02-7/8	Flip	On	11549
Off	Straight			522
Total				92009

Cycle 2017/03

We need to address the paucity of the empty absorber dataset

- ▶ Empty absorber data with LH2 absorber vessel in place
- ▶ Empty channel data without absorber, with and without M2 and in solenoid and flip
- ▶ LiH absorber data with M2

We have permission to run for the next cycle : Nov 14 – Dec 20

The start-up checks will be done on Nov 14 and data-taking will start on Nov 15

MOM	Date from	Date To
Durga	13 Nov	26 Nov
Victoria/ Melissa	27 Nov	8 Dec
Paolo	8 Dec	20 Dec

Draft of run plan in 2017-03

			Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th																
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20									
Startup	Pulser run		█	█																																																		
Startup	Beam tuning / Startup								█																																													
Absorber	Settings	M2D																																																				
LH2 Empty	2017-02-3,4; Flip	Off								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█		
	2017-02-5,6; Solenoid	Off																																																				
	Straight tracks																																																					
	2017-02-1,2; Solenoid	Off																																																				
	Absorber change																																																					
LH Empty	2017-02-1,2; Solenoid	Off																																																				
	2017-1,2,3; Flip	Off																																																				
	Straight tracks																																																					
	2017-02-1,2,3; Solenoid	Off																																																				
	Absorber change																																																					
LH Full	2017-02-3,4; Solenoid	On																																																				
	2017-02-1,2; Flip	On																																																				
	Contingency																																																					
	Absorber change																																																					
Wedge	2017-02-1,2; Solenoid	On																																																				
	2017-02-3,4; Flip	On																																																				

- ▶ Complicated run period involving at least two absorber changes and many different cooling channel magnet settings.
- ▶ Starts with a pulser run on Thursday 9th next week, followed by beam tune on Wed 14th
- ▶ Ends with either a week of contingency, or further running. Depends on how we're doing with the program.
- ▶ Assumes 24/7 staffing, that the absorbers can be changed in the short time allocated and that ISIS operations are stable.

We need shifter support!

- ▶ Assuming full 24/7 shift pattern (which we may not get) there are 42 5-day shift slots to fill
- ▶ The shift lists are open : 27 shift slots are currently spoken for. **15 are not.**

Shift block	# shift slots taken	# data-taking hours / day
1	3	8
2	3	8
3	2	8
4	6	24
5	3	8
6	4	16
7	6	24

Currently we **cannot support** the full proposed run plan for the next cycle

Also cannot support monitoring shifts without cancelling data-taking in some shift blocks.

* You should only sign up to shifts **MARKED IN ORANGE** if you have done at least 5 days of shifts previously.

November 2017

today < >

Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

- Superuser
- Change Clearance
- Logout
- Index Page
- Institution List
- Collaboration List
- Find by Activities
- Shift Calendar
- Open Shifts
- Today's Shifts
- Next Two Weeks of Shifts
- Shifts by Institution
- Index of Shift Periods
- List of Shifters
- Shift Manager Interface

Empty slots are rather front-loaded

Many academics are teaching in this period (myself included).

I've contacted a number of people this morning. Some replied. Most didn't.

What to do?

- ⦿ Offer incentives (what)?
- ⦿ Start offering partial shift block sign-up.
- ⦿ Extend shift hours for poorly populated shift blocks?