

Broad-brush run plan

Cycle 2015/03 (Nov 2015 – Dec 2015) : Expected to be largely focussed on magnet commissioning with some running possible towards the end of the cycle.

Need to understand this period

Cycle 2015/04 (Feb 2016 – Mar 2016) : Production data-taking with Hydrogen absorber. Detailed run plan is in preparation.

Cycle 2016/01 (Apr 2016 – May 2016) : Production data-taking with LiH absorber.

Cycle 2016/02 (Jun 2016 – July 2016) : Possible contingency run period, but delays the start of construction for the next phase of the experiment.

Shift plans : 2015/03

- ▶ **2015/02** shifts were 24/7 but left most shifters unused. Advantage was that they were there when we needed them. Disadvantage was draws on travel funds and time.
- ▶ **2015/03** : 2 on-call shifters from 8 am to midnight + small on-site team to help with magnet commissioning when necessary.
- ▶ Currently trying to staff on-call shifters from local resources: 11/20 shifts assigned. Will need to go to collaboration to try to fill these.
- ▶ Q. Request extra shifters from collaboration for possible running in December? Current staffing plan can only manage two 8 hour shifts / day for a short period (i.e. days not weeks).
- ▶ MPB review asked us to make sure that we could exercise useful data taking if the opportunity arises.

Future shifts

Cycle	Days	Shifts / day	Shifts	# Maintenance Days per week	# MOM Shifts		
2014/03	10	4	40		18		
2015/01a	36	3	98	1	Shift credit for One MOM Shift		
2015/01b	10	6	58		0		
2015/02	39	6	224		#MOM Shifts		
2015/03	45	3	123		0		
2015/04	45	6	258				
2016/01	38	6	218				
Total Experimental shift- # shifts / person			1019		Total Shifts		
# shift blocks / person					16.1746031746	Shift block length	
# shift blocks / person					3.2349206349	5	
Institute	Scientists	RA + Students	MOMs	Total	Shifts / Institute	Shift Blocks per Institute	Shift blocks per active shifter
Belgrade	2	2	0	4	64.70	13	3.3
CERN	0	0	0	0	0.00	0	0.0
IHEP	1	1	0	2	32.35	6	3.0
Osaka	0	0	0	0	0.00	0	0.0
Sichuan	1	0	0	1	16.17	3	3.0
Brookhaven	1	0	0	1	16.17	3	3.0
DL	0	0	0	0	0.00	0	0.0
Iowa	1	0	0	1	16.17	3	3.0
LBNL	2	0	0	2	32.35	6	3.0
Liverpool	1	0	0	1	16.17	3	3.0
Milano	1	0	0	1	16.17	3	3.0
Napoli	1	0	0	1	16.17	3	3.0
NIKHEF	1	0	0	1	16.17	3	3.0
Oxford	1	0	0	1	16.17	3	3.0
Pavia	1	0	0	1	16.17	3	3.0
Imperial	4	4	2	10	129.40	26	3.3
RAL	1	0	1	2	16.17	3	3.0
Riverside	1	1	0	2	32.35	6	3.0
Roma	2	0	0	2	32.35	6	3.0
Glasgow	1	1	1	3	32.35	6	3.0
Sofia	2	1	0	3	48.52	10	3.3
Mississippi	3	0	0	3	48.52	10	3.3
Sheffield	1	1	2	4	32.35	6	3.0
				4	48.52	10	3.3
				4	48.52	10	3.3
				4	64.70	13	3.3
				4	48.52	10	3.3
				4	48.52	10	3.3
				6	80.87	16	3.2
				6	80.87	16	3.2
				74	1019.00	200	80.8166666667
					Total Blocks	200	
					Total Shifts	1000	

2 shifts/day for November 2015 +
4 shifts/day for possible December 2015
data taking