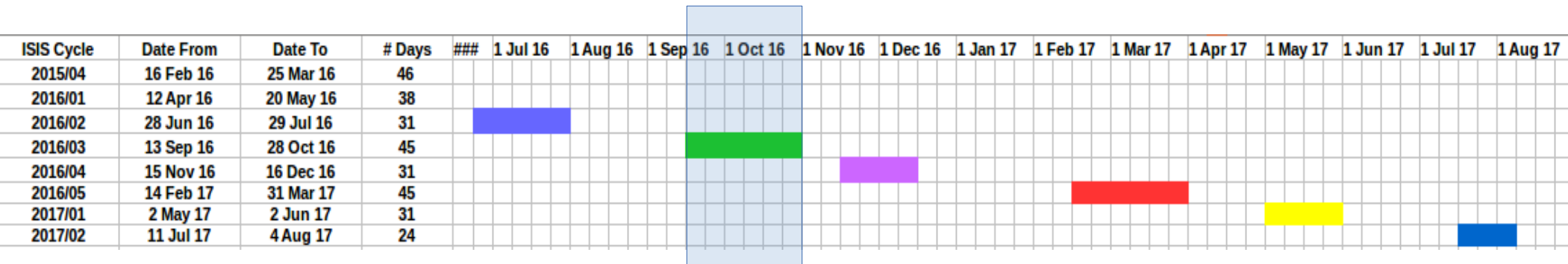


# Operations

- ▶ Running periods
- ▶ Systems performance
- ▶ Operations Management:
  - ▶ MOMs
  - ▶ BLOCs
- ▶ Shifts
- ▶ Magnet monitoring

# ISIS Schedule



Cycle 2016/03 (13 Sep/28 Oct 2016): channel commissioning and characterisation / Materials programme : empty absorber physics

Cycle 2016/04 (15 Nov/16 Dec 2016): Materials programme : LiH running

Cycle 2016/05 (14 Feb/31 Mar 2017): Materials programme : LH<sub>2</sub> running

Cycle 2017/01 (2 May/2 June 2017) : Emittance reduction

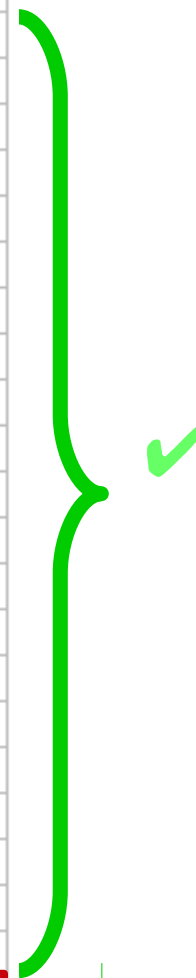
Cycle 2017/02 (11 July/4 Aug 2017)

# System Performance

System	System Health	Comment
Tracker	Green	Tracker DAQ problem caused by instability in one of the VLSB cards
KL	Green	
CKOV	Green	
TOF	Green	Work required on TOF 0/2
EMR	Green	
DAQ/Trigger	Green	Target stopped dipping on Sunday. Problem with a FI/FO
Run Control	Green	
OnRec	Green	
OnMon	Green	
Conventional Magnets	Orange	Water system issues limits current dynamic range
Decay Solenoid & PSU	Orange	DS leak fixed by vendors. Cooling down
Proton Absorber	Green	
Diffuser	Orange	No automatic operation at the moment.

# MOM Roster

Date From	Date To	MOM
7th January 2015	4th February 2015	Chris Rogers
4th February 2015	4th March 2015	Pierrick Hanlet
4th March 2015	1st April 2015	Yordan Karadzov
1st April 2015	29th April 2015	Milorad Popovic
29th April 2015	27th May 2015	Paul Hodgson
27th May 2015	24th June 2015	Victoria Blackmore
24th June 2015	22nd July 2015	Ryan Bayes
22nd July 2015	19th August 2015	Paul Hodgson
19th August 2015	16th September 2015	Victoria Blackmore
16th September 2015	14th October 2015	Yordan Karadzov
14th October 2015	4th November 2015	Melissa Uchida
4th November 2015	2nd December 2015	Ed Overton
2nd December 2015	30th December 2015	Paolo Franchini
4th January 2016	3rd February 2016	<Maintenance Month>
16th February 2016	8th March 2016	Paul Kyberd
7th March 2016	25th March 2016	Ryan Bayes
6th April 2016	28th April 2016	Not required
27th April 2016	25th May 2016	Not required
22nd June 2016	12th July 2016	Paolo Franchini
11th July 2016	29th July 2016	Paul Kyberd
12th September 2016	6th October 2016	Chris Rogers
4th October 2016	28th October 2016	Milorad Popovic
9th November	28th November 2016	Ed Overton
26th November	16th December 2016	Melissa Uchida



Going to have to go MOM-hunting for 2017 soon 4

# BLOCs

- ▶ BLOC situation has improved slightly, but existing BLOCs are still under pressure
- ▶ We are allowing BLOCs to do morning shift concurrently
- ▶ We still need new BLOCs, but I think we should also review the role and see what could be done by shiftleaders (for example, start-up or shut-down) and what can be really “on-call”.
- ▶ Wouldn't say no to more BLOCs – special training is needed, some of which is done when we have access to the DSA and synch.

# Shifts

▶ 2016/03 (Sep/Oct) : 160 shifts offered / 150 taken up.

Thanks to all those doing shifts – even if part of this user cycle have been somewhat frustrating.

There are still people who have done fewer shifts than they should have.

There are 3/4 more user cycles in Step IV – please look at your schedules and identify places to fit your shifts in. Shift lists open early to academics & scientists.

I will open the Nov/Dec user cycle soon. If you know you can't make that then please consider Feb/Mar next year and schedule it early. <sub>6</sub>  
The dates for Feb/Mar are : 14 Feb – 31 March 2017

# Magnet Monitoring

- ▶ We are now operating with significant current on all the channel magnets.
- ▶ Characteristics of the channel in this running mode are not well-known. We have been asked not to let the magnets sit at current without supervision in the MICE control room
- ▶ In 16 hour mode we require shift monitoring of magnets overnight in two split 4 hour shifts (which can be combined).
- ▶ ***I see a full conference room – and we need monitoring shifters until the end of the week. Please sign up or tell the MOM that you are available, if you can. This includes engineers as well as academics and students.***

# Next cycle

- ▶ 2016/04 (Nov/Dec) : 15 Nov – 16 Dec
- ▶ Magnet monitoring shifts will be required : 124 data shifts + 62 monitoring shifts
- ▶ May be more efficient to schedule shifts 24 / 7 in this cycle so shifters do the monitoring.
- ▶ Shifts to open next week.



This and next  
user cycle...



for shifts and  
magnet  
monitoring <sub>9</sub>