

February 9, 2011

To: Experimental Spokespersons
Operations
Division Heads

RE: Call for Beam Requests

I would like to prepare the spring/summer 2011 beam schedule (119) for both base and ISAC programs. This year less beam time will be available for experiments because of the installation and commissioning of the new vertical beam line for ISIS, and the on-going installation of new muon channel M20. Some delay in the proposed start-up schedule is possible.

ISAC operations will commence April 1st and proton beam delivery to BL2A will begin April 14th. However, no radioactive ISAC beam will be delivered to the ISAC Hall for experiments before June 1st. OLIS beam to ISAC I will commence April 1st, and stable beam to ISAC II will be available beginning May 1st.

The base program will provide beam to BL1A at high intensity from ~ July 13th to September 6th.

The following muon channels will be available: M11, M13, M15 and M9B. The BL2C program will commence April 14th. Low intensity running will be scheduled September 6th – 21st.

For ISAC, at present time we are operating with only two target modules. We are considering the following target module (TM), target material with high power (HP) or low power (LP) options, and ion source combinations:

1. TM4 (June) Ta HP surface/ laser
2. TM1 (~July) Ta LP surface/laser
3. TM4 (~August) Nb HP surface/laser
4. TM1 (~September) UCx LP surface/laser

We anticipate a 1-2 week mini shutdown commencing September 21st, and are considering three more targets for the fall/winter Schedule 120, one of which will be an actinide target with a FEBIAD source. However, construction/excavation work for ARIEL will start in November and continue through January 2012. During the months of November and December 2011 no regular ISAC II beam delivery will be

possible due to anticipated vibrations. At this point we will consider ISAC experiment requests for Stage I and II experiments especially for the UCx target.

Schedule 119 ISAC:

OLIS beam to ISAC I	April 1 st – September 21 st
OLIS beam to ISAC I & II	May 1 st – September 21 st
RIB beam to ISAC I & II	June 1 st – September 21 st

Please submit your beam requests for Schedule 119, using the online facility at:

<https://mis.triumf.ca/science/beam/request/home.jsf>

NOTE: Please indicate clearly when you CANNOT take beam time.

For ISAC experiments requesting stable beam from OLIS prior to June 1st, the deadline for submissions is midnight Vancouver time (23:59), February 25th, 2011. For all other requests including the base program and the ISAC RIB/OLIS program after June 1st, the deadline is midnight Vancouver time (23:59), March 4th, 2011.

Thank you,

Jens Dilling
ISAC Science Group Leader