

## SNS Accelerator Advisory Committee Meeting

### Agenda as of March 7, 2017

Event Contact: Lisa Eady, 865-574-0557 (office); 865-567-7202 (mobile); eadylb@ornl.gov

**Wednesday, March 8, 2017**

Time	Length	ID	Event	Lead	Location
7:45-8:00 am	15		<i>Badging in the SNS Main Lobby (1<sup>st</sup> Floor)</i>	<i>Committee</i>	<i>8600</i>
8:00-8:30 am	30		Executive Session	Committee Only	C-156
8:30-8:45 am	15	P1	Welcome	Kevin Jones, Division Director, Research Accelerator Division (RAD)	C-156
8:45-9:15 am	30	P2	Management Overview and Responses to 2016 AAC Recommendations	Kevin Jones	C-156
9:15-9:45 am	30	P3	SNS Operations Report for FY16 and FY17 – Q1	Glen Johns, Group Leader, Accelerator Operations	C-156
9:45-10:00 am	15		Discussion	All	C-156
10:00-10:20 am	20		<i>Morning Refreshment Break</i>	<i>All</i>	
10:20-10:55 am	35	P4	Overview of PPU and STS Projects	Mike Plum, Accel. Physics Team Leader, Accelerator Physics, Beam Instrumentation and Ion Source (APBIIS)	C-156
10:55-11:30 am	35	P5	Status of Technical Initiatives to Support 1.4 MW Reliable Operations	Sarah Cousineau, Group Leader, APBIIS	C-156
11:30am-Noon	30	P6	Overview of Target Status	Mark Wendel, Group Leader, Source Development and Engineering Analysis	C-156
12:00-1:00 pm	60		<i>Working Lunch / Report on PPU Director's Review</i>	<i>Pick up lunch in C-150 and return to C-156 to eat</i>	<i>C-150</i>
1:00-2:30 pm	90	P7	Overview of Inner Reflector Plug (IRP) Issues	Kevin Jones and Don Abercrombie, Director, Instrument and Source Division (ISD)	C-156
2:30-2:45 pm	15		Discussion	All	C-156
2:45-3:00 pm	15		<i>Afternoon Refreshment Break</i>	<i>All</i>	
3:00-3:30 pm	30	P8	The SNS Accelerator Improvement Project (AIP)	George Dodson, Deputy Director, RAD	C-156
3:30-4:10 pm	40	P9	Prioritization Process and Project Planning	Kevin Jones and Glen Johns	C-156
4:10-4:30 pm	20		Discussion	All	

**Wednesday, March 8, 2017 (cont.)**

Time	Length	ID	Event	Lead	Location
4:30-5:30 pm	60		Executive Session	Committee Only	C-156
6:00-8:00 pm	120		<i>Dinner and Discussion – Kevin Jones, Accelerator Science &amp; Engineering at ORNL – at Calhoun's in Oak Ridge</i>	<i>Committee and Presenters</i>	<i>Private Room</i>

**Thursday, March 9, 2017**

Time	Length	ID	Event	Lead	Location
8:00-9:30 am	90		Tour of SNS Accelerator/Target Facilities. Depart from Conf. Room C-156.	George Dodson / Sarah Cousineau / Mike Baumgartner, Group Leader, Mechanical Systems & Operations / Mark Champion, Group Leader, Electrical and RF Systems	C-156
9:30-9:45 am	15		Executive Session	Committee Only	C-156
Accelerator Breakout Sessions					
9:45-10:30 am	45	A1	Beam Test Facility Performance Update	Sasha Aleksandrov Team Leader, APBIIS	C-156
10:30-10:50 am	20		<i>Morning Refreshment Break</i>	<i>All</i>	
10:50-11:25 am	35	A2	Ion Source Performance and Progress on the External Antenna Source	Robert Welton, APBIIS	C-156
11:25 am-Noon	35	A3	Status of Linac High Voltage Converter Modulators Upgrades	David E. Anderson, HVCM Team Leader, Electrical & RF Systems	
12:00-1:00 pm	60		<i>Working Lunch / Long Range Plan for SNS to 2025</i>	<i>All</i>	C-156
1:00-1:30 pm	30	A4	Laser Stripping Experiment Status	Reheman Abudureyimu, APBIIS / UT	C-156
1:30-2:00 pm	30	A5	SNS Stripper Foil Production and R&D	Mike Baumgartner	C-156
2:00-2:30 pm	30	A6	Control Systems Status and Upgrades	Karen White, Group Leader, Control Systems	C-156
2:30-3:00 pm	30	A7	Self-Consistent Beams in SNS	Mike Plum, APBIIS	C-156
3:00-3:20 pm	20		Discussion	All	C-156
3:20-3:40 pm	20		<i>Afternoon Refreshment Break</i>	<i>All</i>	
3:40-4:10 pm	30	A8	Status of the Accelerator Radio-Frequency Systems	Mark Champion	C-156
4:10-4:40 pm	30	A9	Beam Diagnostics Systems, Status and Upgrade	Sasha Aleksandrov	C-156

**Thursday, March 9, 2017, Cont.**

Time	Length	ID	Event	Lead	Location
<b>Accelerator Breakout Sessions, Cont.</b>					
4:40-5:10 pm	30	A10	Superconducting Linac Systems (SCLS) Status and SRF Activities	Sang-ho Kim, Group Leader, Superconducting Linac Systems (SCLS)	C-156
5:10-5:30 pm	20		Discussion	All	
5:30-6:00 pm	30		Executive Session / Questions for SNS Management	Committee Only	C-156
6:00-7:00 pm	60		Executive Session	Committee Only	

**Target Breakout Sessions**

9:45-10:30 am	45	T1	Options for the Servo Manipulator Replacement	Rick DeCosta, Engineer, Control Systems Group	C-152
10:30-10:50 am	20		<i>Morning Refreshment Break</i>	<i>All</i>	
10:50-11:10 am	20	T2	Overview of Source Development and Engineering	Mark Wendel	C-152
11:10 am-Noon	50	T3	Mercury Target Engineering Design & Analysis	Drew Winder, Team Lead, Mercury Target Engineering	C-152
12:00-1:00 pm	60		<i>Working Lunch / Long Range Plan for SNS to 2025</i>	<i>All</i>	C-152
1:00-1:30 pm	30	T4	Fabrication of Major Neutron Source Components	Peter Rosenblad, Team Lead, Manufacturing	C-152
1:30-1:50 pm	20	T5	Second Generation IRP Design	Jim Janney, Target Systems Engineer	C-152
1:50-2:40 pm	50	T6	Post-irradiation Examination Activities	David McClintock, Material Scientist	C-152
2:40-3:20 pm	40		Discussion	All	C-152
3:20-3:40 pm	20		<i>Afternoon Refreshment Break</i>	<i>All</i>	C-152
3:40-4:20 pm	40	T7	Implementing Gas Injection at SNS: Short and Long Term	Bernie Riemer, Team Lead, Engineering Analysis	C-152
4:20-4:40 pm	20	T8	Target Design Reaching for 2 MW	Saul Kaminskas, Engineering Analyst	C-152
4:40-5:30 pm	50		Discussion	All	C-152

**Friday, March 10, 2017**

Time	Length	ID	Event	Lead	Location
8:00-11:00 am	180		Executive Session / Management Response to Questions	Committee Only	
11:00 am-Noon	60		Closeout	All	