

SNS PLC Architecture Standards Meeting

Tuesday April 18, 8:00 – 4:00

701 Scarboro Rd., Oak Ridge, TN

Room 101A

We will have a phone + NetMeeting connection to ANL and LBNL. (Video conferencing was not available).

Coffee & bagels provided

Proxima PC projector provided (both for presentations and NetMeeting)

Lunch provided

Attendees (preliminary):

John Hammonds, ANL (via phone + NetMeeting)

Rich Reidel, ANL

John Smith, BNL

Johnny Tang, BNL

Dave Gurd, LANL

Kay Kasemir, LANL

Bob Dalesio, LANL

Bob Weiss, LANL

Steve Lewis, LBNL (via phone + NetMeeting)

Bill DeVan, ORNL

Mike Hechler, ORNL

John Munro, ORNL

Mike Hechler, ORNL

Paul Wright, ORNL

John Cleaves, ORNL

Bill Stone, ORNL

PLC Architecture Standards Meeting Agenda:

Time	Activity	Presenter
8:00	Coffee & bagels	
8:30	Intro / Purpose of meeting	Gurd
	Inter-PLC Architecture Discussions:	
8:45	BNL PLC lab	Tang
9:00	Target Test Facility (TTF) control system	Battle
9:15	LANL experience / linac hot model	Weiss
9:30	BNL PLC plans (for vac. sys., P.S., R.F., etc.)	Tang / Smith
9:45	LANL PLC plans (for vac. sys., P.S., R.F., etc.)	Weiss?
10:00	ORNL Target PLC plans	Battle
10:15	Break	
10:30	ControlNet demonstration	Tang
11:00	Advantages / disadvantages of ControlNet A-B I/F	Tang
11:15	Advantages / disadvantages of Ethernet A-B I/F	Kasemir
11:30	Ethernet vs. ControlNet discussion & consensus	

	Fieldbus Architecture Discussions:	
12:00	SNS vacuum standardization efforts (and interfaces offered by the preliminary set of standard equipment)	Hechler / DeVan
12:30	Vacuum system control architecture discussion & consensus	Tang / Gurd / etc.
1:15	Lunch (provided on-site) (Delayed because Dalesio and Kasemir have to leave at this time)	
1:45	Role of DeviceNet, FlexIO, Foundation Fieldbus	Battle?
2:30	Wildcard: Options are: <ul style="list-style-type: none"> - schedule slip - follow-on discussions - other PLC-related information attendees want to make known - SNS conventional facilities plans - SNS PLC standards 	
3:30	Summarize	
4:00	Adjourn	