

Date: May 28, 2004

To: J. Byrd, P. Cameron, S. DeSantis, A. Drees, M. Furman, E. Harms, M. Lamm,  
T. Markiewicz, N. Mokhov, S. Pordes, J. Rasson, T. Sen, M. Syphers, P. Wanderer

From: Steve Peggs

Subject: LARP Accelerator Systems Task Sheets for FY05 and FY06

Cc: J. Strait, S. Gourlay

Now that LAPAC and the CERN-US meetings are almost upon us, it is time to prepare/update the Accelerator Systems Task Sheets for FY05 and FY06. The set of LARP Task Sheets that were prepared last year are available at <http://www.rhichome.bnl.gov/LARP>. This years Task/Author/Editor matrix is as shown in Table 1. Each task sheet should cover both FY05 and (with less detail?) FY06.

The goal is to **post a complete new set of draft Task Sheets on the web by Friday June 4**. Then to finalize them at the Accelerator Systems phone conference to be held on Friday June 11. Afterwards to use them as succinct descriptions of LARP planning at the LAPAC meeting, June 17 & 18. Perhaps after modifications, the FY05 Task Sheets get presented in final form at the CERN-US meeting, July 1.

The task sheets should be consistent with the straw-man budget shown in Table 2. For Instrumentation, the most recent tweak was established by Jim after the April 14 2004 meeting at LBL. For Accelerator Physics the most recent modification (within a constant total) was by Mike Syphers after the May 19 2004 meeting at BNL.

While these are currently the ONLY “official” LARP tasks, it is of course reasonable to talk about other potential LARP activities at the LAPAC meeting. But the distinction between “in the LARP plan” and “potentially in the plan” needs to be made clear.

One task sheet sometimes spans multiple US laboratories. If so it is the responsibility of the lead author to accurately describe the consensus plans of all the participating labs. If consensus is non-trivial, then discussion moves up the org chat. Eg, for PLL the discussion would move up through Byrd to Peggs and then Strait, until resolution is established.

There is flexibility (at least initially) in the format of the task sheets, which do not need to (should not) be very long. The goal is to describe what will be done by whom, laying down a sensible number of milestones and/or deliverables, so that the plan can be usefully discussed and (later) tracked.

Please contact me for corrections or clarifications.

TASK	LEAD AUTHOR	CO-AUTHOR(S)	EDITOR
INSTRUMENTATION			
Phase Lock Loop	Cameron	Sen	Byrd
Luminometer	Byrd	-	Peggs
AGM/LDM	De Santis	Pordes	Byrd
ACCELERATOR PHYSICS			
Collimation	Drees	Sen	Syphers
Electron Cloud	Furman	Drees	Syphers
IR and Beam-Beam	Sen	Furman	Syphers
Beam Commissioning	Harms	Drees, Furman	Syphers
Phase II Collimators	Markiewicz	Mokhov	Peggs
Hardware Commissioning	Lamm	Wanderer, Rasson	Peggs

Table 1: LARP Accelerator Systems Task sheets: Task/Author/Editor matrix.

TASK	FY04 \$k	FY05 \$k	FY06 \$k
Phase Lock Loop	138	200	405
Lumimonitor	162	420	550
AGM/LDM	80	80	305
Collimation	0	80	200
Electron Cloud	100	120	440
IR and Beam-Beam	60	320	360
Beam Commissioning	60	20	120
Phase II Collimators	120	230	620
Hardware Commissioning	110	390	710

Table 2: LARP Accelerator Systems summary budget for constructing the Accelerator Systems Task Sheets.