Next Steps for LOI

SiD meeting
6 December 2007

H.Weerts
Argonne National Lab

Time line and order suggested to get to LOI

Date	Milestone
10/1/08	Submit LOI
9/1/08	Begin Final Edit of LOI; complete authorlist
8/1/08	**Complete LOI Draft** Collaboration Review and Comment
6/1/08	**GEANT4 Description Ready** Performance Studies Ready Benchmarking Studies Ready
5/08	**Freeze Detector Design** SubSystems Fully Specified Subsystem Technologies/Alternates Selected Conceptual Engineering Designs Ready
3/08	**Freeze Global Parameters** First Pass Detector Design
2/08	**First Pass Global Parameters**
12/07	**Subgroup Plans Defined** Milestones and Deliverables Manpower Resources Needed

Jan 28-30: SiD workshop @ SLAC

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Goals/Plans for SiD workshop @ SLAC

Obviously need to address:

2/08   **First Pass Global Parameters**

Workshop plans (first thoughts):

Strawman for Global Parameters (input from each subsystem & from global perspective/engineering group)

Status reports (with some emphasis on above)

       PFA
       Tracking recon.
       Simulation status (what to use for LOI)
       Subsystem status

....

Decide whether we can make next milestone

       what if not

3/08   **Freeze Global Parameters**
                  First Pass Detector Design

Keep track of progress on LOI in SiD

Steps:

Each subgroup defines the LOI tasks (some done, some not)

Do this !!

Keep track of them and keep some schedule

Started a spreadsheet to do this

List the LOI tasks → subgroups fill in info
Give info of what fraction done at date

Spreadsheet exists and can be found at:

http://www.hep.anl.gov/weerts/SiD_LOI_tasks.xls

Current time line for LOI:

http://www.hep.anl.gov/weerts/LOI_tasks_timeline.pdf

Message sent to all subsystem leaders sent yesterday:

Please fill in and send back by Dec 14

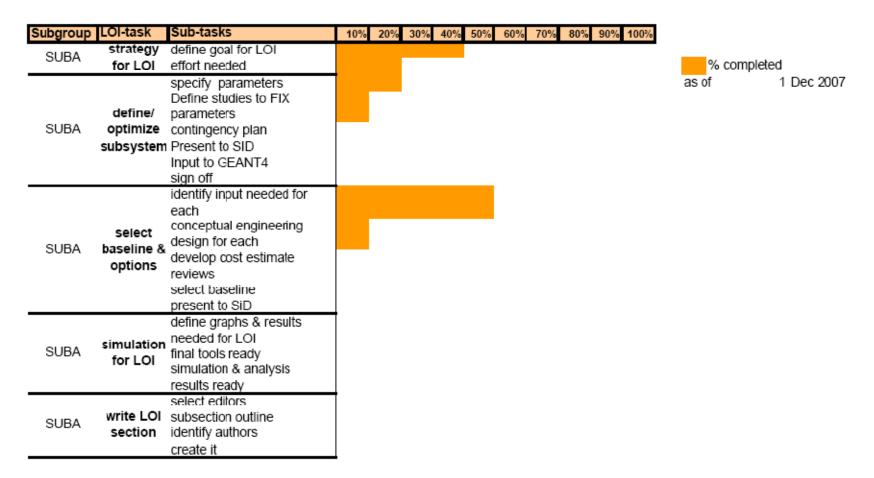H.Weerts

This is the example for sub detector "SUBA" .   Copy this worksheet and fill it out

List of LOI tasks and time line for these tasks

Subgroup	LOI-task	Sub-tasks	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08
SUBA	strategy for LOI	define goal for LOI effort needed										
SUBA	define/ optimize subsystem	specify parameters Define studies to ΓIX parameters contingency plan Present to SID Input to GEANT4 sign off										
SUBA	select baseline & options	identify input needed for each conceptual engineering design for each develop cost estimate reviews select baseline present to SiD										
SUBA	simulation for LOI	define graphs & results needed for LOI final tools ready simulation & analysis results ready										
SUBA	write LOI section	select editors subsection outline identify authors create it										

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Subgroup	LOI-task	Sub-tasks	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
SUBA	strategy for LOI	define goal for LOI										
		effort needed										
SUBA	define/ optimize subsystem	specify parameters										
		Define studies to FIX parameters										
		contingency plan										
		Present to SID										
		Input to GEANT4										
		sign off										
SUBA	select baseline & options	identify input needed for each										
		conceptual engineering design for each										
		develop cost estimate										
		reviews										
		select baseline										
		present to SiD										
SUBA	simulation for LOI	define graphs & results needed for LOI										
		final tools ready										
		simulation & analysis										
		results ready										
SUBA	write LOI section	select editors										
		subsection outline										
		identify authors										
		create it										

% completed
as of   1 Dec 2007

Signing more then one LOI & signing SiD LOI

There have been discussions about this between WWS & RD.

- In general it is assumed that people sign one LOI, otherwise credibility and resources can not be judged.
- It maybe be desirable for some fraction to sign more then one LOI, however it is assumed that this fraction is small, order 5-7%.

Discussions within SiD.

- Stronger sentiment that only one LOI should be signed
- Realize that small fraction of SiD authors may sign other LOI's ---- rules ?
- However SiD expects that LOI authors contribute/sign up for future contributions.

(it is not a free ride i.e. not a simple Web sign up)

THE END