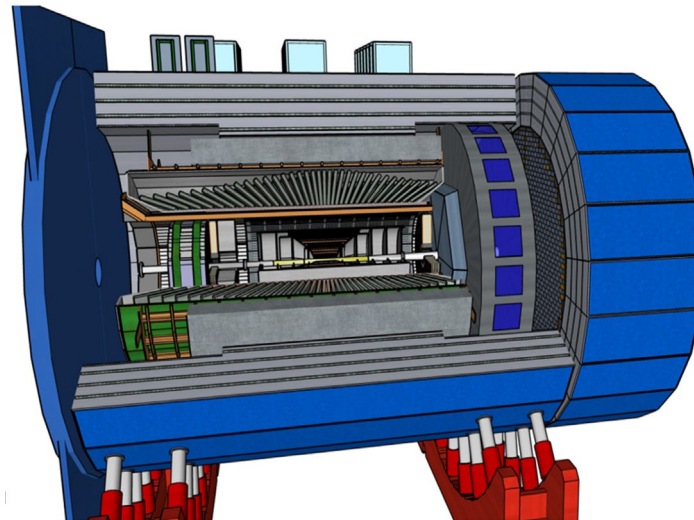


Detector 1 CONVENER MEETING

Detector 1 Steering Group (SG)

Silvia Dalla Torre, Or Hen, Tanja Horn, John Lajoie, and Bernd Surrow



This introduction

- Detector 1 Consolidation Roadmap
Answering to questions, comments , doubts raised during various WG meetings
- Communications

**From Jim Yeck's e-mail on March 10:
an e-mail setting the context for the present
consolidation phase**

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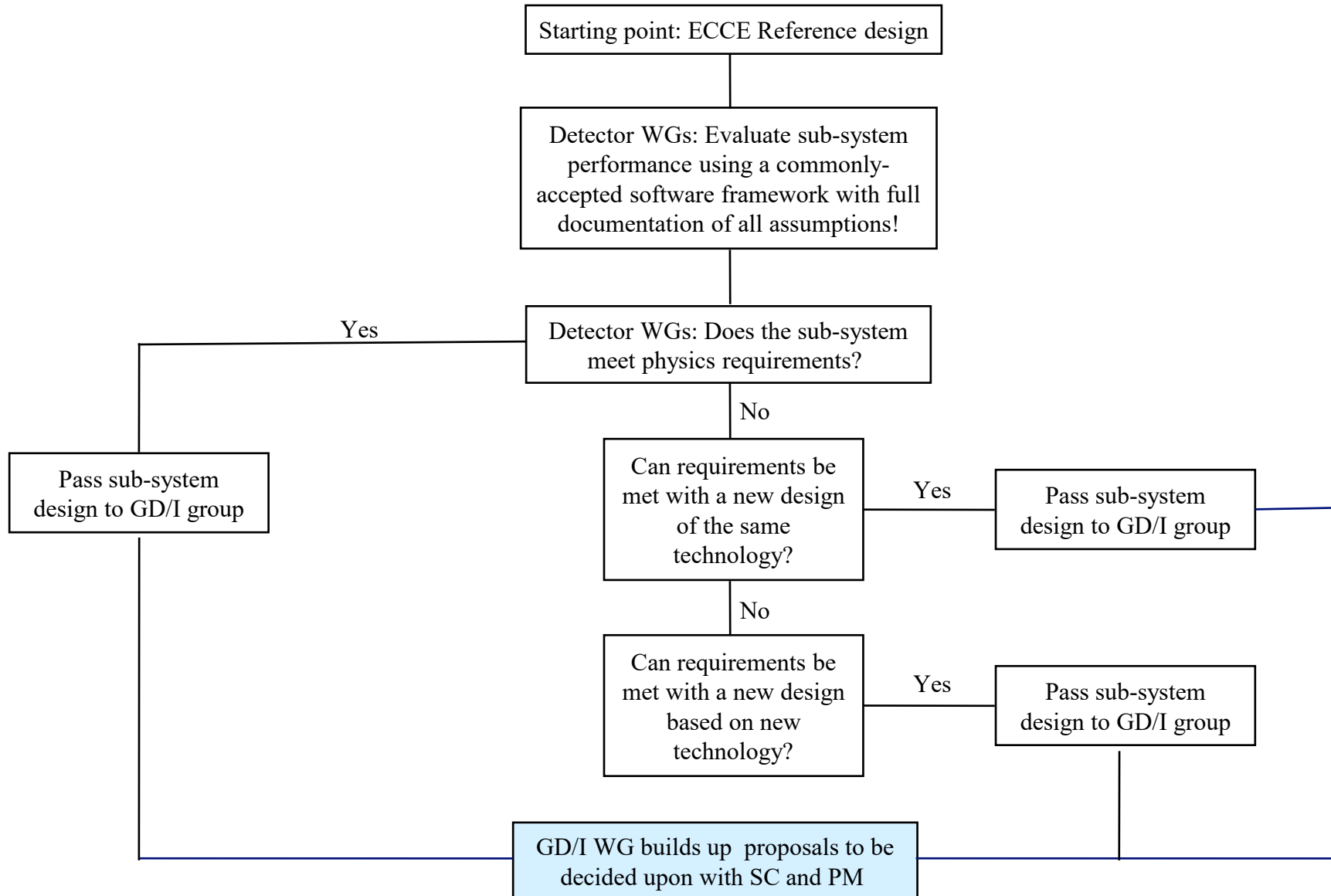
The EIC Project recognizes that the panel recommended ECCE as the Project Detector. As described in the panel report, we will urge the proto-collaboration to:

- (1) **integrate new collaborators in a manner that enables them to make contributions that impact the capabilities and success of the experiment in significant ways**, including new collaborating individuals and groups into positions of responsibility and leadership;
- and (2) **integrate new experimental concepts and technologies that improve physics capabilities without introducing inappropriate risk.**

...

The DETECTOR-1 SC and the collaboration under formation build up from Jim's guidance

Consolidation Roadmap: Detector WGs



Consolidation Roadmap: GD/I group

Guiding questions:

Does a subsystem fit imposed by constraints such as magnet and IR layout?

Does the global system fulfill requirements in terms of dead material and services?

Does the layout meet all physics requirements?

Does a given sub-system has the proper institutional strength/expertise?

What are in-kind contributions to a subsystem?

Cost basis for a subsystem?



Optimized
Detector-1
design

A few more considerations

- WGs should progress in view the reference “advanced conceptual design”.
 - Expectation is to converge on choices between alternative technologies to the reference design.
 - Where there are still open questions, the path forward towards resolution is well defined.
 - WGs should raise a flag early if issues come up that require more time.
 - No expectation to complete the technical design and / or address all open questions.

Request to conveners

“(2) integrate new experimental concepts and technologies that improve physics capabilities without introducing inappropriate risk.”



- For each non-trivial difference, as well as for any other critical aspect, detector WGs will then prepare a pro/con list accounting for physics performance as main driver.
 - No preferential path for any technology; main choice ingredient: scientific evaluation
- The resolution of non-trivial differences should be discussed in close consultation with the Global Design & Integration WG, Physics WGs, the EIC project, relevant detector consortia, and R&D efforts.

Request to conveners, cont.

“(1) integrate new collaborators in a manner that enables them to make contributions that impact the capabilities and success of the experiment in significant ways, including new collaborating individuals and groups into positions of responsibility and leadership;”



Statements heard:

- Counter “ xxx” is too expensive; do not consider it.
- The reference design does not include counter “yyy”: we do not need to consider it seriously.
- ...

It is responsibility of the WG conveners to create a scientific and friendly atmosphere; therefore, statements like those above should NOT be used to create barriers

An option for all WGs

- About reporting to

General meetings

Convener meetings

GD/I meetings

...

- Rotate among conveners;
- When appropriate, let's have reports by WG members who played a major role in an effort, even if they are not conveners

GOAL: All the WG members should feel integral part of the effort!
This will make the WGs stronger and more effective

MISCELLANEA of COMMUNICATIONS

- A relevant request from the collaborators is ASIA for a meeting calendar with time slot that facilitates their attendance
 - Rotating time for the biweekly **General Detector-1 meetings**
 - Last meeting on Friday 5/27 at 10.30 am ET
 - Next meeting on Thursday June 9 at 8.00 pm ET
 - Etc.
 - Presently, after careful evaluation, no rotation implemented for the Friday **Convener meetings** that remain biweekly on Friday at 10.30 am ET
 - To be reconsidered, when needed
 - Some WGs have implemented rotating time
 - This approach has to be considered when the typical attendance of the WG suggests a need for rotation

MISCELLANEA of COMMUNICATIONS

- On-going activities within the collaboration
 - Setting MATTERMOST for the activity of the different WG
 - Subscribe the channels of your interest!
 - SC- Consortia bilater meetings
 - Already meet: hpDIRC, dRICH, EEEMcal
 - Next in the agenda: Si Consortium, AC-LGAD
 - Institutional Survey
 - At the 2-week deadline: 101 responses from groups of the 3 proposal and ~ 10 new groups
 - SC needs responses by next bi-weekly meeting
 - Realistic goal; ~ 150 responses
 - End of July Meetings: EIC-UG annual meeting, **extended DETECT-1 general meeting**
 - 2 well distinct meetings
 - Hosted: StonyBrook U.
 - As much as possible in presence, even if hybrid participation foreseen (COVID still with us!)
 - DETECTOR-1 meeting: 7/26 starting mid-morning, 7/27 whole day
 - Preparation of the agenda ongoing

A message from the DAQ / Electronics / Readout WG

Detector Contacts from/to DAQ WG

Detector	Contact From DAQ	From Detector	Meeting Times
Tracking (Silicon)	Jo Schambach	Jo Schambach	Thursday @ 11am
Tracking (MPGD)	Iraqli Mandjavidze	Kondo Gnanvo	
PID (TOF)	Tonko Ljubcic	Tonko Ljubcic	Monday @ 11:30am
PID (Cherenkov)	Alexandre	(Pietro Antonoli)	Friday @ 8:30am
dRICH simulation	(don't need an assignment)		Wednesday @ 12pm
Calorimetry	(2?)	Oskar Hartbrich	
Far Forward	(Jeff or Chris)	Alex Jentsch	Tuesday @ 9am (bi-weekly)
Far Backward	(Jeff or Chris)*		Thursday @ 10am
Computing	(choose from all convener?)	Sylvester	Wednesday @ 11am
Simulation/QA	(choose from all convener?)	Andreas	Thursday @ 2pm
Global Integration	(choose from all convener?)		Monday @ 9am

- Please let the DAQ WG know who the contact from your detector WG is for all matters Readout and Electronics.
- An important goal of the DAQ WG is good communication with detector groups. We would like to have a standing agenda item to be updates from the readout relevant activities of the detector, software, and integration groups.
- The DAQ agenda item “*Electronics Progress Reports from Detector Groups*” is meant for written bullets (rather than oral presentations) in the minutes of the indico timetable presenting for each detector group any plans, tests, progress on detector readout and electronics.