

# Slow Controls and Cryogenics Instrumentation Consortium meeting

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Sep. 1, 2017

Doodle has spoken:  
Meeting times: Friday 10 to 11 am EST  
(we can revisit this in the coming months)

# Mailing lists

- Two mailing lists:
  - 1) DUNE-FD-CRYO-SC-CNSRT-REP: All IB reps, Closed list
  - 2) DUNE-FD-CRYO-SC-CNSRT: All consortium list, Open
- All IB reps are subscribed to List 1 and List 2 already
- List 2 is open for all DUNE collaborators who want to participate in the consortium (no need to be from an institute that is Slow controls consortium member)
  - Need to subscribe as usual by sending email to [listserv@fnal.gov](mailto:listserv@fnal.gov)  
`subscribe DUNE-FD-APA-CNSRT FirstName LastName`
- Or you can send me a list of email addresses from your institute to subscribe

# How should we organize Consortium meetings?

- IB rep meetings vs All meetings
  - Should we have them separate? But initially (until the RRB deadline in November) it makes sense to have just one meeting until the internal structure is defined.
  - For the “all” meetings, the priority is again IB reps+members in the consortium institutions (non-members can join if the chosen time works for them)
- Frequency of the meetings?
- My goal is to hold weekly focused meetings so we can converge on the milestones for the RRB deadline
  - **Mid-October – CRB review**
  - November 2<sup>nd</sup> – RRB review

# Technical Lead

- Need to converge on this as soon as possible
  - Received some nominations (Thank you all!)
- Both spokespeople are on vacation, so didn't have a chance to hold meetings with the management to discuss this further
  - That would be the focus for next week
  - Deadline from the Technical Board: Finalize TL before the next TB meeting which is 2 weeks from now.
- First TB meeting held yesterday by Eric James

# Fall milestones – TB meetings

(A lot needs to be done very quickly!)

Fall Technical Board Meeting Schedule, milestones to be met

- **September 14<sup>th</sup>**
  - First pass of consortia WBS substructure due
- **September 28<sup>th</sup>**
  - Discussion of missing/overlapping scope in global WBS
  - First pass of 2018/2019 schedule activities due
- **October 12<sup>th</sup>**
  - First pass of consortia mappings of institutional responsibilities for individual WBS elements due
- **October 26<sup>th</sup>**
  - Finalize WBS and mapping of institutional responsibilities to be presented to RRB
- **November 2<sup>nd</sup>** – RRB meeting

# Most Immediate Task

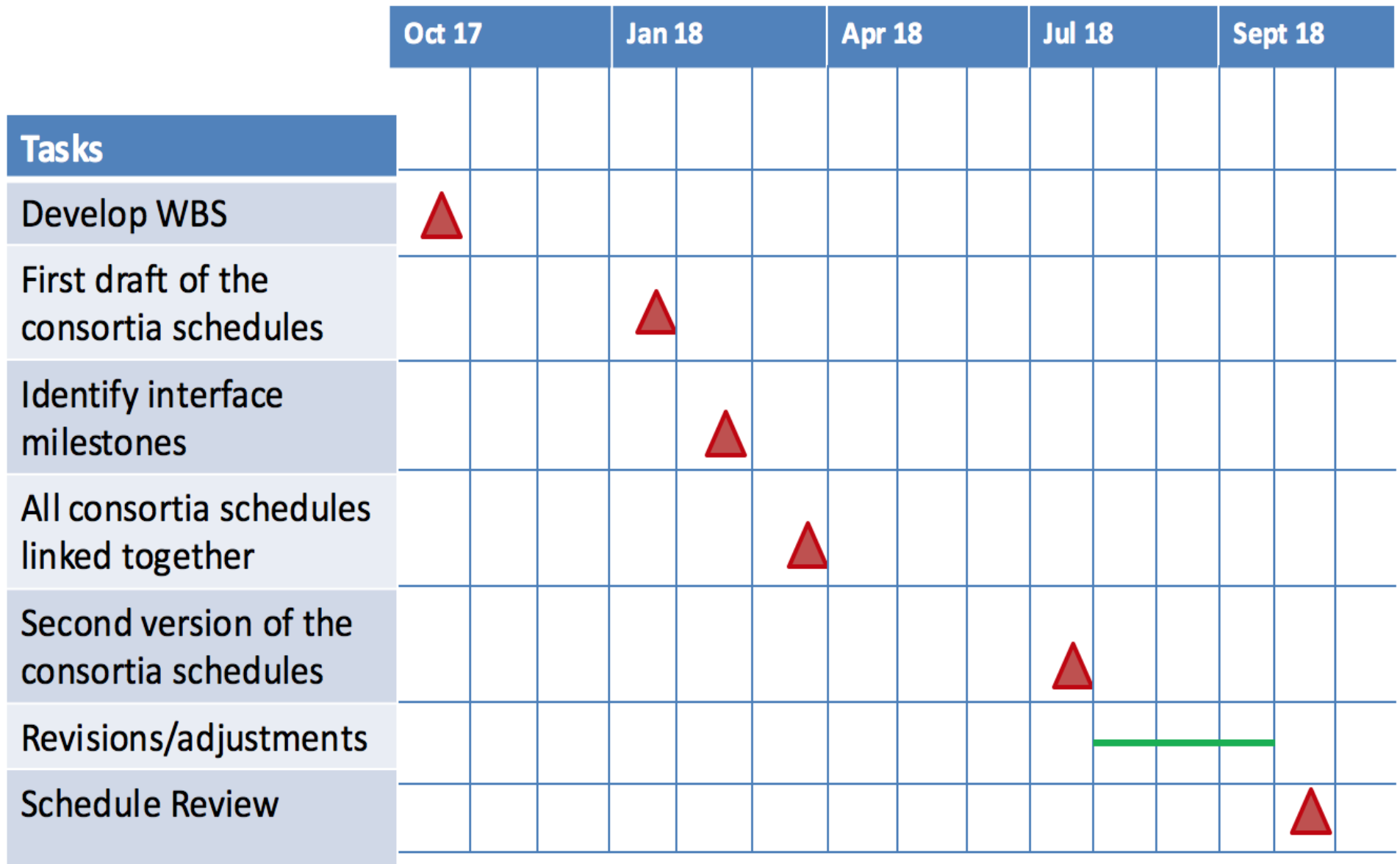
September 14<sup>th</sup> – First pass of consortia WBS substructure due

- Update the initial lists of consortia deliverables and turn these into WBS elements.
- Project office will be working to incorporate these into a global WBS covering the entire effort
- I have had one-on-one meetings with some of you, I will be reaching out to the rest in the coming week
- I have started refining the list of deliverables, will reach out to members with a template of requested items that will help me to further refine the list of deliverables. I have also gathered the WBS from ProtoDUNE and other experiments as an example.
- A note on “Institutional” Responsibilities (will do this in October)
  - Note at this point, this is more like “aspirational” responsibilities, but with some realistic possibility of funding behind them)
  - Commitment, planning and funding will come late (around 2019)

# Some items discussed at the TB meeting

- Imbalance in the Consortia
  - A lot of consortia still need more institutes, some have enough, some don't (e.g. our consortium!)
  - Need to reach out for more members (if you think anyone or any institute is a suitable candidate for our consortium, please let me know and I will reach out to them, you should feel free to do so as well)
  - Would be good to know what % of the collaboration is signed up for Consortia to know who to reach out to
- On the above point, what is the procedure to add new members? There is benefit in making this uniform b/n consortia.
- How do deal with deliverables that have overlap between consortia?
- For both of the above, the Technical Board meetings will server as a venue for discussion

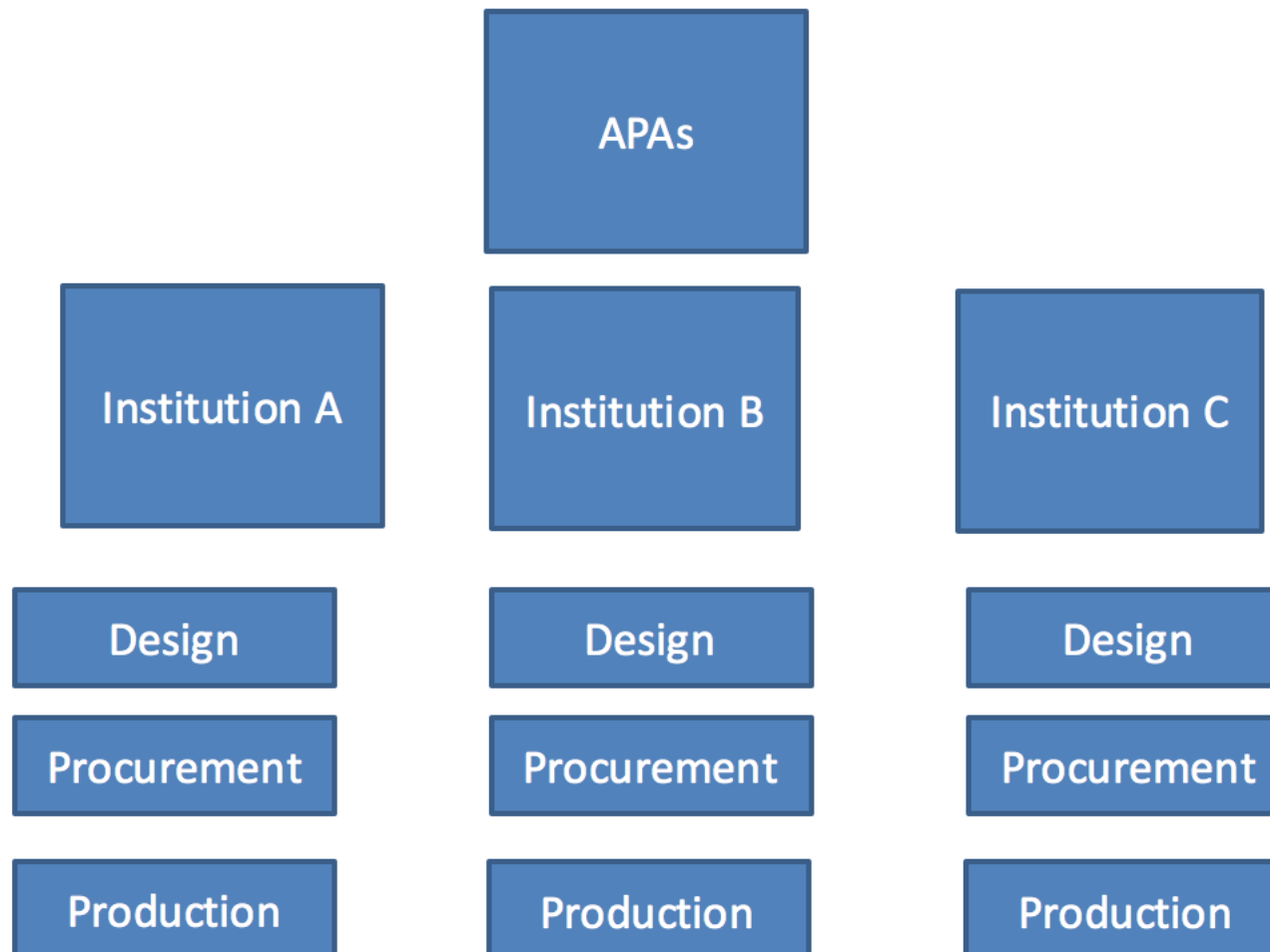
# Timeline for developing overall DUNE Schedule (from the Project office)





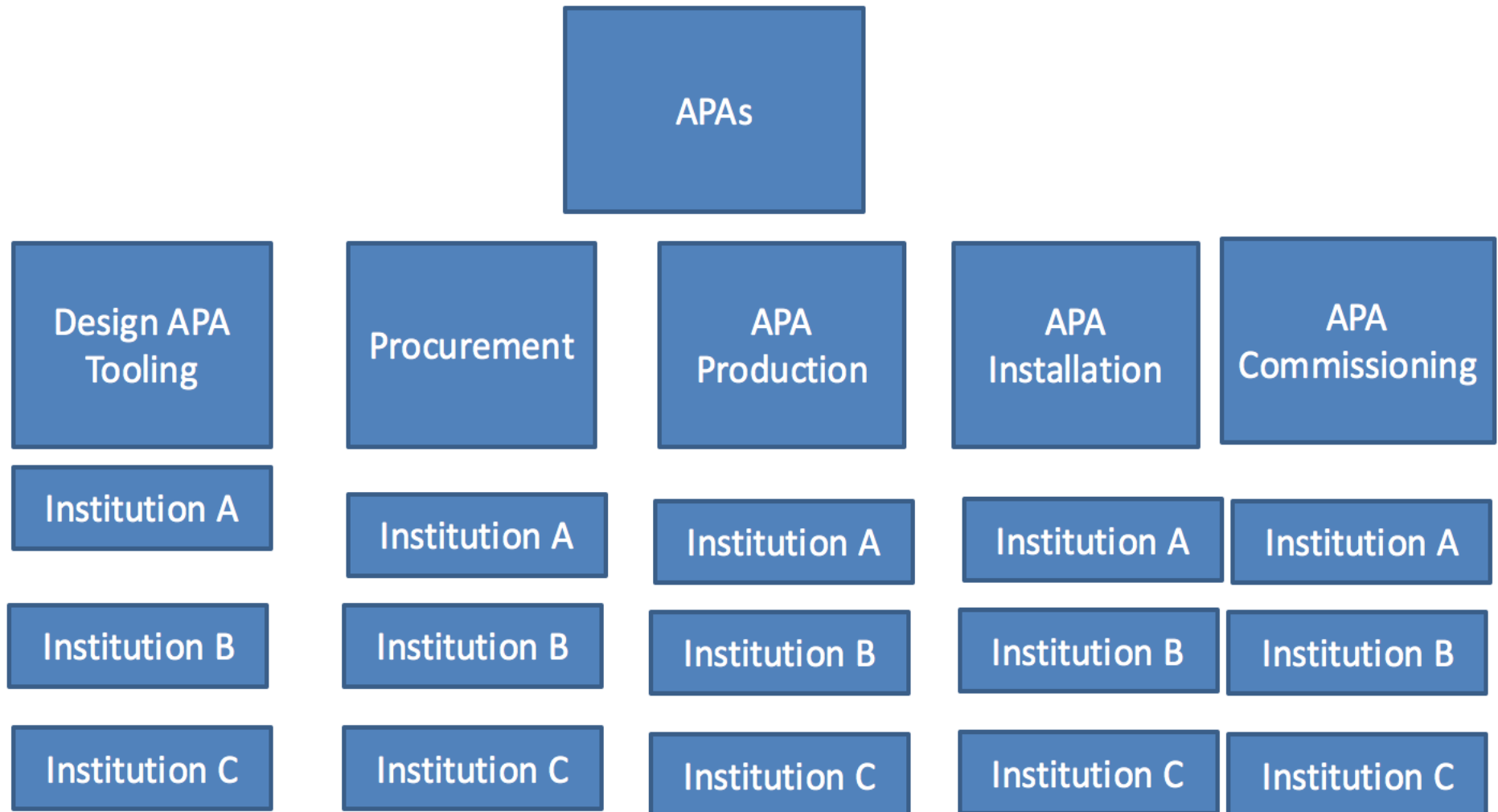
# WBS Structuring: Suggestions from Project Office

## WBS Development – Option 1



# WBS Structuring: Suggestions from Project Office

## WBS Development – Option 2



# Consortium Organization

- Technical Lead needs to be appointed
- Internal structure for the Consortium needs to be defined
  - Working groups defined and conveners selected
- Some items to consider:
  - **What is DUNE vs LBNF vs Other Consortium responsibility?**
  - Our consortium is unique in the sense that we have a stronger connection with LBNF and also a lot of interfacing with other consortia
  - This is a joint consortium for a reason, so don't want to separate SP vs DP
  - Also need to take into development activities (technical and otherwise) that sit outside of the ProtoDUNE scope for 2018/2019 need to be identified and put into the project office schedule

# Initial thoughts – Consortium Organization

- A WG interfacing with LBNF?
  - Will consist of members from consortium and LBNF
- Cryogenic Instrumentation WG?
- Slow Controls WG?
- These seem too broad, but,
  - Would like to minimize the no. of WGs
  - Keep SP and DP joint
  - Also, initially all systems need to talk to each other until it is clear what system does what
- With time, the focus of these groups will evolve (overall design, hardware vs software, infrastructure, integration, test facility, physics etc.)

Other thoughts/comments/suggestions?