



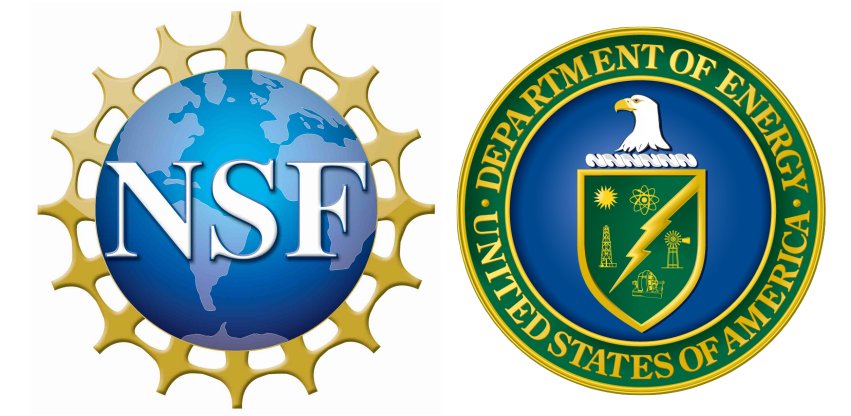
NSF Rebaseline & RLS

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U.S. ATLAS HL-LHC Upgrade Project



Key Points of Review



- From the charge header:
 - “The goal of the rebaselining review is to ensure that the estimated budget and schedule to complete the project are valid, remaining risks are identified and tracked, budget and schedule contingencies are identified and substantiated, and the new baseline is adequate and meaningful for future performance measurement.”
- Some specific points:
 - “State whether the panel has high confidence that the remaining scope can be accomplished with the revised budget and the revised schedule”
 - “Examine the major baseline changes proposed in each Level 3 WBS area ... are allowable, are based on reasonable assumptions, and are supported by compelling rationales.”



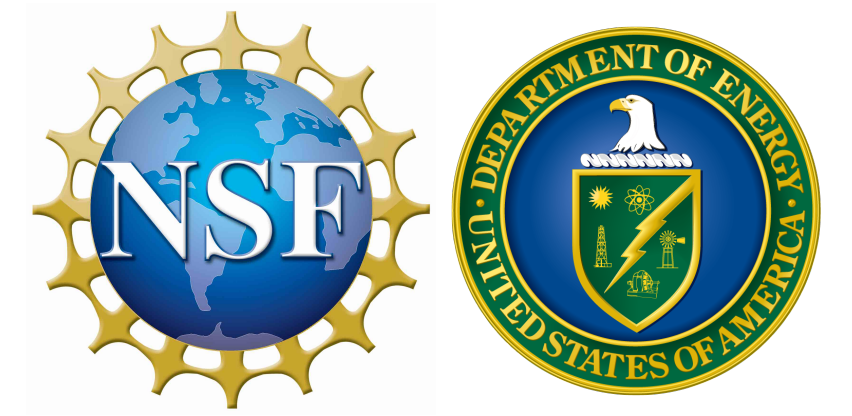
From Our Discussions with NSF



- NSF's primary goal is to ascertain that our RLS going forward is solid, and corresponding contingency will cover our needs
 - Don't expect another rebaselining
- NSF also wants to ensure that the cost increase is well-motivated, and as traceable as possible
 - Obviously, there is some judgment call when assigning some delays to COVID vs eg increased complexity
 - But when this gets audited in a few years, have to have a solid explanation
 - You will not necessarily remember, so **write it down!**
- NSF does not want to see the new RLS in our monthly reports before the review (I can only guess at the underlying reason for this)
 - This will make statusing a little strange in the next few months



From Our Discussions with NSF



- **Statusing in the next few months:**
 - Given NSF's requirement, we will continue to status against the pre-BCP-1057 schedule
 - This should not impact %complete etc., but means the baseline dates in the status sheets will be old, and the CPRs will be of limited value
 - You will still need to write variance reports against the old schedule (largely copy-paste from previous VRs...)
- **Review presentations:**
 - We will present the new schedule and cost, and evolution since the 2019 NSF FDR
 - Changes wrt the FDR schedule and cost need to be assigned to normal project evolution vs “unforeseeable world events”
 - This is all documented in the text written with the COVID BCPs and BCP-1057 currently being finalized