



NOvA Working Group Meeting

April 17, 2007

10:30 AM – 12:00 Noon

Snake Pit

Agenda

- 1) Feedback on interchanges between the Directorate/Project and OHEP [Hugh Montgomery/ Steve Holmes/ John Cooper/ Mike Procario]
 - a) CD-1 ESAAB
 - b) Cooperative Agreement [Mike Procario/ Pepin Carolan/ Steve Webster]
- 2) NOvA Progress Report [John Cooper/Ron Ray/Nancy Grossman]
 - a) Progress on including of CDR development costs into the TPC and the impact to the project [John Cooper]
 - b) Update what activities are to be included in the CD-3a. [John Cooper/Ron Ray/Nancy Grossman]
 - c) Environmental Assessment [John Cooper/ Keith Schuh/ Sally Arnold]
 - d) CD-2/3a Review Preparations [John Cooper]
- 3) Continue discuss on potential CD-2a/3a review instead of a CD-2/3a. [Ed Temple and All]
- 4) Discuss OPMO preparations for Director's Review (Charge, Agenda,, Reviewers and assignments) [Dean Hoffer/Ed Temple]
- 5) Review of Timeline [Dean Hoffer/Ed Temple]
- 6) Status of Action Items [John Cooper]

Reviewers

- Bill Boroski (yes)
- Alan Bross (yes)
- Charlie Cooper (yes)
- Rod Gerig (yes)
- Karen Hellman (yes)
- Joe Ingraffia (yes)
- Jonathan Lewis (yes)
- Mike Lindgren (yes)
- Phil Martin (yes)
- Sayed Rokni (yes)
- Heidi Schellman (yes)
- Jeff Sims (yes)
- Linda Stutte (yes)
- Peter Wilson (yes)
- Richard Boyce (Tentative)
- Stuart Henderson
- Mike Brennan (no)
- Brenna Flaughter (no)
- Erik Gottschalk (no)

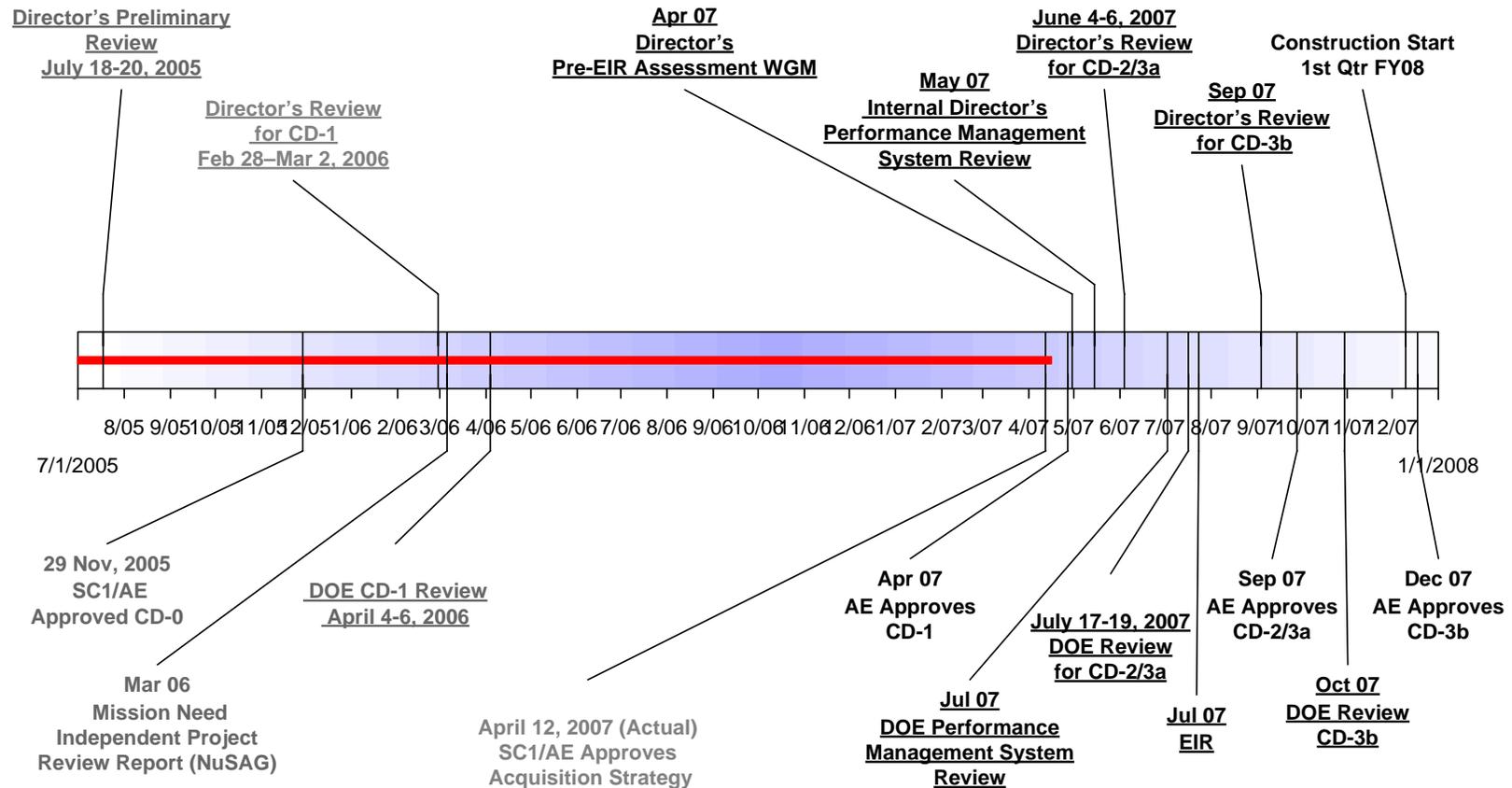
Draft Reviewer Assignments

Executive Summary	<u>Ed Temple</u>
1.0 Introduction	<u>Dean Hoffer</u>
2.0 Science	<u>Heidi Schellman,</u> and All
3.0 Site and Building (WBS 1/2.1 also Accelerator CF)	<u>Karen Hellman,</u> <u>Jeff Sims, Phil Martin</u>
4.0 Commodities – Scintillator/Fiber/PVC (WBS 1/2.2, 1/2.3 & 1/2.4)	<u>Linda Stutte,</u> <u>Joe Ingrassia</u>
5.0 Extrusion Module Production (WBS 1/2.5)	<u>Alan Bross,</u> <u>Heidi Schellman</u>
6.0 Electronics, Trigger DAQ (WBS 1/2.6 & 1/2.7)	<u>Jonathan Lewis,</u> <u>Peter Wilson</u>
7.0 Far and Near Detector Assembly (WBS 1/2.8 & 2.9)	<u>Richard Boyce,</u> <u>Charlie Cooper</u>
8.0 Accelerator Upgrades	<u>Stuart Henderson,</u> <u>Rod Gerig</u>
9.0 NuMI Beamline Upgrades a) Beamline / Target Modifications b) Shielding and Tritium Measures	<u>Phil Martin,</u> <u>Sayed Rockni</u>
10.0 Project Management (WBS 1.9 & 2.10)	<u>Mike Lindgren,</u> <u>Ed Temple</u>
11.0 Cost and Schedule	<u>Bill Boroski,</u> <u>Dean Hoffer</u>



DRAFT NOvA Project Timeline for Critical Decisions & Reviews

Updated 15-Apr-07



Note:
 • Text in Red indicates change from prior version



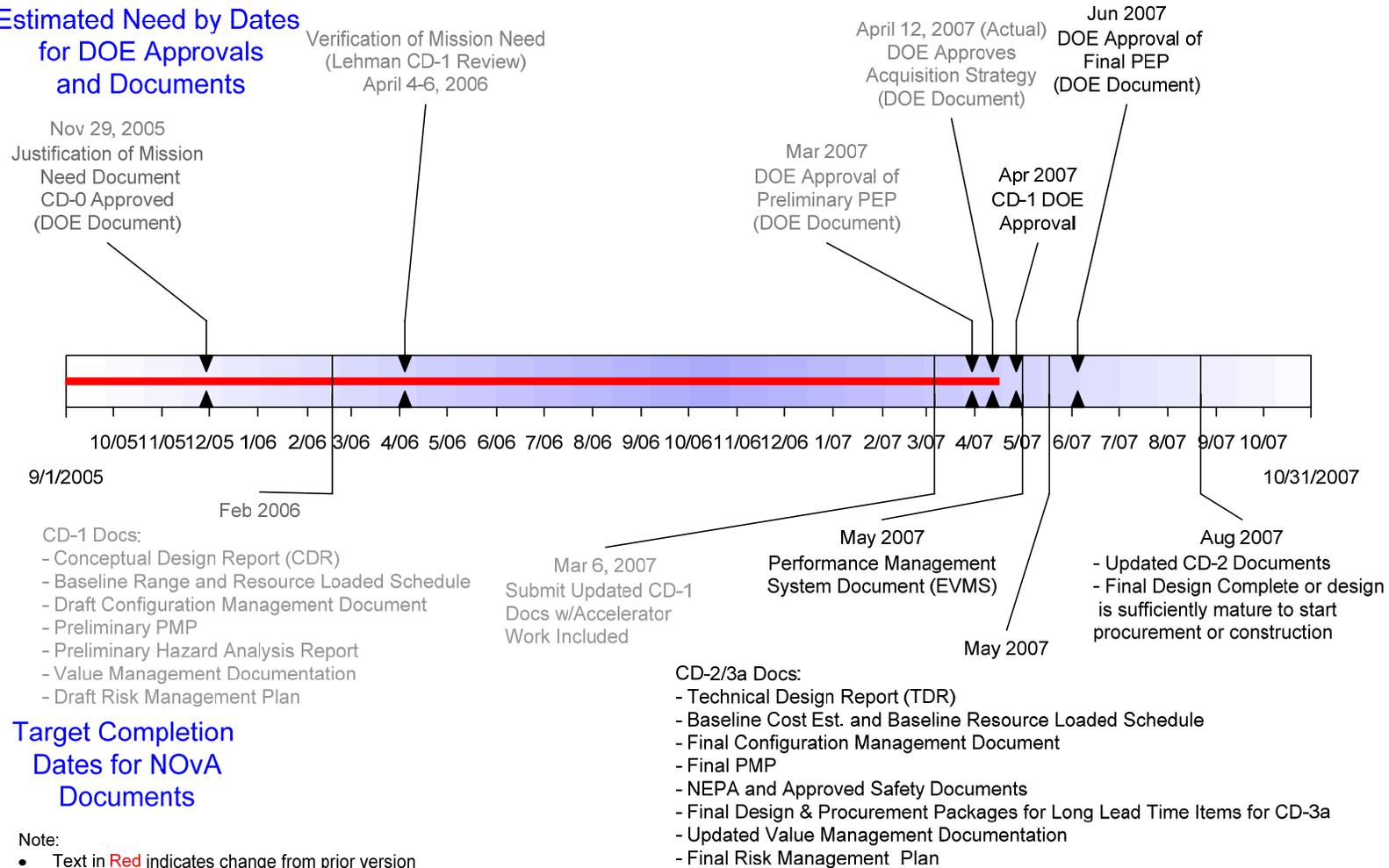
NOvA Project

Draft Critical Design Prerequisites

Updated 15-Apr-07



Estimated Need by Dates for DOE Approvals and Documents



Target Completion Dates for NOvA Documents

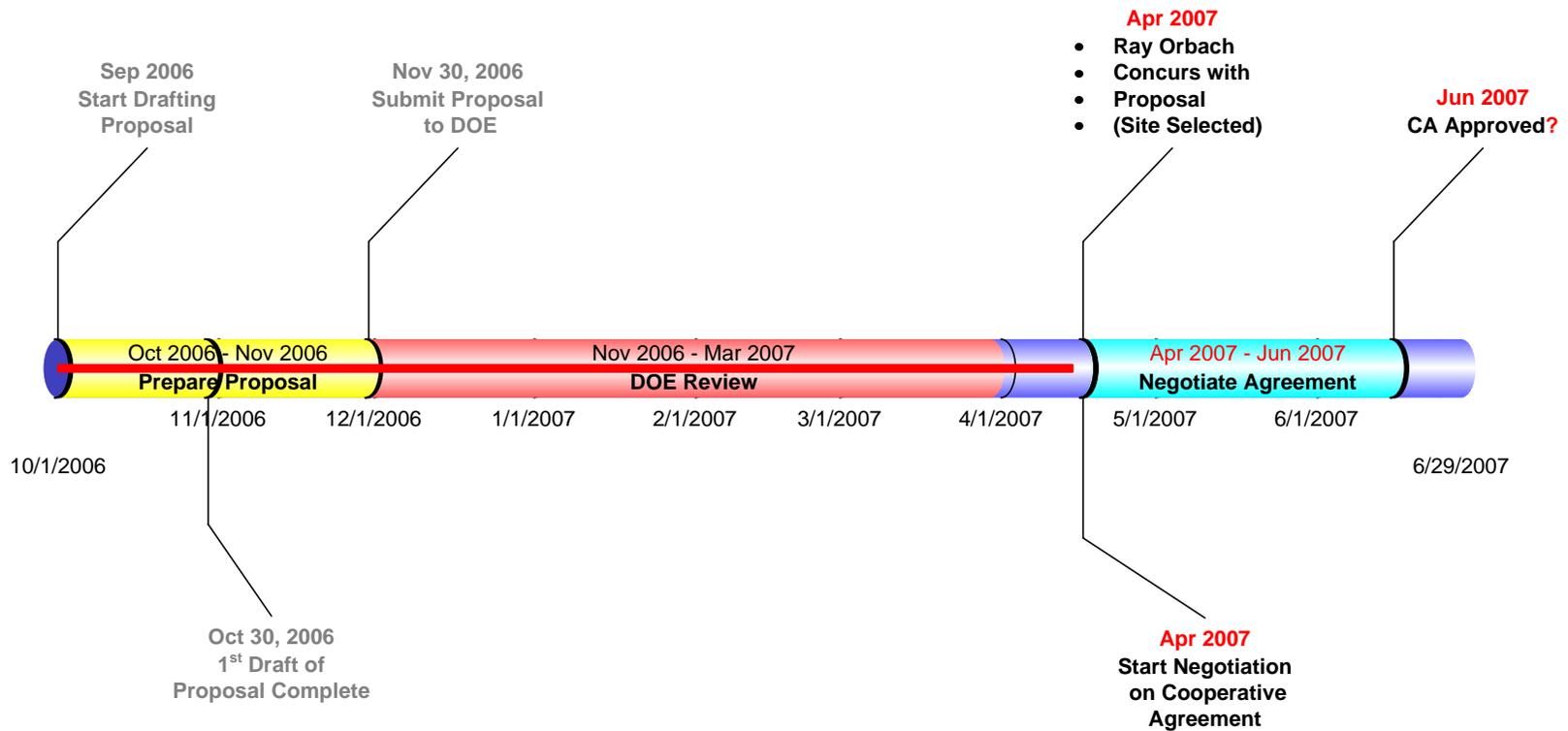
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NOvA Project Proposal/Cooperative Agreement Draft Process



Updated 02-Apr-07



Note:

- Text in Red indicates change from prior version

Action Items

New Items:

- a) Determine how much budget should be moved from the Divisions into Project 425 and send the information to Mont for concurrence/approval. [John Cooper]
- b) Include in the Director's Review an assessment of NOvA's Engineering Design, Review and Change Process. [Ed Temple/Dean Hoffer]
- c) Send draft copy of the charge for the Director's CD-2/3a Review to Mont and Steve for Comment. [Dean Hoffer]
- d) Update the Director's CD-2/3a Draft Agenda for changes to the plenary and breakout sessions to include the addition of ANU. Send update to Mont, Ed and Dean. [John Cooper]

Rollover Items from Prior Meetings:

- e) Determine if a Mining Permit is required for NOvA Near Detector excavations in the NuMI tunnel. [Bill Griffing]
- f) OPMO to arrange the logistics for the Director's and DOE's Review of NOvA. [Ed Temple/Dean Hoffer]

Action Items (continued)

- g) Novas to review their Quality Assurance Plan and assure the requirements of DOE O 414.1c are met. [John Cooper]
- h) Address actions to improve WelcomHome and WelcomRisk to support NOvA in preparations for CD-2/3a reviews. [Dean Hoffer]
- i) Obtain clarification on what is required to meet the CD-3 documentation “Approved Construction Project Safety & Health Plan”. [Pepin Carolan]
- j) Status the progress on responding to the Recommendations from the Director’s and DOE’s CD-1 Reviews of NOvA and the ANU on-project Recommendation from Director’s Preliminary Review of SNUMI [John Cooper/Nancy Grossman]
- k) NOvA to develop a scorecard on how the 14 contractor requirements from DOE O 413.3a Attachment 2 are met for the full NOvA project overall and how they are met, as applicable, for the Cooperative Agreement. This scorecard is to be presented at a future NOvA Working Group Meeting. John Cooper/ Ron Ray]