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| **NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT**  **Engineering Change Proposal (ECP)** | | | | |
| ***COVER PAGE***  ***(TO BE COMPLETED BY SYSTEMS ENGINEERING SUPPORT MANAGER)*** | | | | |
| **Originator:**      **Paul Sichta** | | | **Date: 9/14/2011** | |
| **ECP No:**      **003** | | **ECP Title: Reduce man-hours on task 6100-0041. Add this budget as M&S in task 6100-0049D** | | |
| **Required Reviewers** | | | | |
| **Required Reviewers for this ECP:** | | | | |
| **ECP Approval Level**  **Expedited ECP?  Yes  No**  **Change Level:**  Approving Official: | | | | |
| **Actions** | | | | |
| ***APPROVALS***  ***(TO BE COMPLETED BY APPROVING OFFICIALS)*** | | | | |
| **Change Level** | **Approving Official** | | **Approval?** | **Signature** |
| **3** | **NSTXU Project Manager** | | **Yes  No** |  |
| **3a**  **(Expedited ECP)** | **NSTXU Engineering Lead** | | **Yes  No** |  |
| **2** | **NSTXU Federal Project Director** | | **Yes  No** |  |
| **1** | **Associate Director OFES** | | **Yes  No** |  |
| **0** | **Deputy Secretary of Energy** | | **Yes  No** |  |

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| **NATIONAL SPHERICAL TORUS EXPEREIMENT UPGRADE PROJECT**  **Engineering Change Proposal (ECP)** | |
| ***PART I***  ***(TO BE COMPLETED BY ORIGINATOR)***  **ECP-** | |
| **Originator:**       **Paul Sichta** | **Date: 9/14/2011** |
| **Overview of Change**  **Type of ECP:  EXPEDITED  STANDARD**  **Type of Change:  TECHNICAL**  **COST  SCHEDULE**  **EDITORIAL**  **(Check all that Apply**)  **Reason for Change: Reduce man-hours on task 6100-0041. Add this budget as M&S in task 6100-0049D. No total budget change to Control Account 6100. Change just moves budget from task to task within Control Account. This equates to a budget reduction of $27,473.25 from task 6100-0041 with a corresponding increase in budget to task 6100-0049D in the form of M&S (increase of $20,350.55 unloaded)**  **Impacted WBS Elements:**       **1.6**  **Impacts of Change (Briefly Describe):**      No impact to Level I, II, or III milestones or critical path  **Does this Change Impact Material Already Procured or Parts/Assemblies Already Assembled/Manufactured using this Material:  Yes**  **No**  **If “Yes”, what is the recommended disposition of this material/part/assembly?**  **Assessment of Other Options:** | |

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| **NATIONAL SPHERICAL TORUS UPGRADE PROJECT**  **Engineering Change Proposal (ECP)** | |
| **PART I**  **(TO BE COMPLETED BY ORIGINATOR)** | |
| **Originator:**       **Paul Sichta** | **Date: 9/14/2011** |
| **Detailed Description of the Change:**  **(Use Continuation Sheets and/or Attach Information/Sketches, As Needed)**  **List Attachments, Impacted Documents, etc.**        NSTX-U Baseline P3 schedule / Cobra baseline schedule  **Description of Change:**  **On task 6100-0041 reduce labor to show the following final labor breakdown:**  **EC//SB = 40 man-hours**  **EC//EM = 120 man-hours**  **EA//SB = 0 man-hours**  **On task 6100-0049D add an additional $20,350.55 to M&S (41) ($27,473.25 loaded)** | |

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| **NATIONAL SPHERICAL TORUS UPGRADE PROJECT**  **Engineering Change Proposal (ECP)** | |
| ***PART I CONTINUATION SHEET***  ***(TO BE COMPLETED BY ORIGINATOR)*** | |
| **Originator:**       **Paul Sichta** | **Date: 9/14/2011** |
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**Reviewer Comment Guidelines**

Reviewers will complete a reviewer comment sheet (either using the Part II form included in this procedure or in any other acceptable format such as e-mail, word, etc.). The reviewer comment sheet shall contain at a minimum the following information:

* ECP Number and Title;
* Reviewer Name;
* Indications on whether or not corrections needed and the specific modifications/corrections needed (e.g., additional reviewers, correction to impact statements, modifications to the ECP to include other impacted documents, etc.);
* Whether or not the reviewer concurs in the ECP without comment or concurrence if recommended modifications/corrections are made.

This information should be submitted to the Systems Engineering Support Manager who will tally all the comments and attempt to reach a resolution with the ECP initiator.

A sample Part II of the ECP form is follows in this attachment if the reviewer opts to utilize it.

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| **NATIONAL SPHERICAL TORUS UPGRADE PROJECT**  **Engineering Change Proposal (ECP)** | | |
| ***PART II***  ***(TO BE COMPLETED BY REVIEWERS)*** | | |
| **ECP No: 003** | **ECP Title: Reduce man-hours on task 6100-0041. Add this budget as M&S in task 6100-0049D** |
| **Reviewer:**  **Corrections Needed?**  **Yes**  **No**   * **If yes, identify corrections needed:**     **Concur?**  **Yes**  **No**   * **Provide reasons for concurrence/rejection:**     **Other Recommendations?**  **Yes**  **No**   * **Identify Recommendations**     **NOTE: Forward completed Part II to Systems Engineering Support Manager via e-mail indicating that your review is completed.** | | |

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| **NATIONAL SPHERICAL TORUS UPGRADE PROJECT**  **Engineering Change Proposal (ECP)** | |
| ***PART II CONTINUATION SHEET***  ***(TO BE COMPLETED BY REVIEWER)*** | |
| **Originator:**       **Paul Sichta** | **Date: 9/14/2011** |
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***NOTE: Part II – Review Form will be multiple pages from each reviewer.***