

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT Engineering Change Proposal (ECP)			
COVER PAGE <i>(TO BE COMPLETED BY SYSTEMS ENGINEERING SUPPORT MANAGER)</i>			
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	
<u>Required Reviewers</u>			
Required Reviewers for this ECP:			
<div style="text-align: right;"><u>ECP Approval Level</u></div> Expedited ECP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Change Level: 3 Project Approving Official: 3 Reg ECP - Project Manager			
<u>Actions</u>			
APPROVALS <i>(TO BE COMPLETED BY APPROVING OFFICIALS)</i>			
Change Level	Approving Official	Approval?	Signature
3	NSTXU Project Manager	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
3a (Expedited ECP)	NSTXU Engineering Lead	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	NSTXU Federal Project Director	<input type="checkbox"/> Yes <input type="checkbox"/> No	
1	Associate Director OFES	<input type="checkbox"/> Yes <input type="checkbox"/> No	
0	Deputy Secretary of Energy	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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NATIONAL SPHERICAL TORUS EXPERIMENT 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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(TO BE COMPLETED BY ORIGINATOR)

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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)**

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**

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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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.

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

NOTE: Part II – Review Form will be multiple pages from each reviewer.