

# NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

## Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-092

### COVER PAGE

Originator (CAM) Hatcher

Date Submitted 7/23/2013

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ECP No. 092

**ECP Title** Control Account 5200 requires additional scope to support: 1) Computer Division Support Activities, 2) Additional Computer Division project oversight, 3) Evaluation of additional scope requirements, and 4) Additional software design.

**Required Reviewers** (Change Control Board)  
☒ Williams ☒ Strykowski ☒ Langish  
☒ Dudek ☐ Other...  
☒ Stevenson

**Change Level** 2 Federal Project Director

## Approvals

Change Level	Approving Official	Approval	Signature
3	NSTXU Project Manager	<input 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 Dir.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
1	Associated Director OFES	<input type="checkbox"/> Yes <input type="checkbox"/> No	
0	Deputy Secretary of Energy	<input type="checkbox"/> Yes <input type="checkbox"/> No	

**Approval Date** 8/1/2013

Primavera Updated ☐  
Cobra Updated ☐  
WAD Updated ☐  
RAM Updated ☐

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### PART I

Originator (CAM) Hatcher

Date Submitted 7/23/2013

Type of ECP ☒ Standard ☐ Expedited

Type of Change (Check all that apply) ☐ Technical ☒ Cost ☒ Schedule ☐ Editorial ☐ Other

Reason for Change Control Account 5200 requires additional scope to support: 1) Computer Division Support Activities, 2) Additional Computer Division project oversight, 3) Evaluation of additional scope requirements, and 4) Additional software design.

Impacted WBS Elements ☐ 1.1 ☐ Milestone  
☐ 1.2 ☐ Other...  
☐ 1.3  
☐ 1.4  
☒ 1.5  
☐ 1.6  
☐ 1.7  
☐ 1.8  
☐ PEP

Control Accounts ☐ 1000 ☐ 1306 ☐ 2470 ☐ 5000 ☐ 8200  
☐ 1001 ☐ 1307 ☐ 2475 ☒ 5200 ☐ 8210  
☐ 1002 ☐ 1310 ☐ 2480 ☐ 5501 ☐ 8250  
☐ 1200 ☐ 2300 ☐ 2485 ☐ 6100 ☐ Other...  
☐ 1300 ☐ 2420 ☐ 2490 ☐ 7200  
☐ 1301 ☐ 2425 ☐ 3200 ☐ 7300  
☐ 1302 ☐ 2430 ☐ 3300 ☐ 7400  
☐ 1303 ☐ 2440 ☐ 3400 ☐ 7100  
☐ 1304 ☐ 2450 ☐ 4100 ☐ 7710  
☐ 1305 ☐ 2460 ☐ 4500 ☐ 7900

Impacts of Change (Briefly Describe) Additional cost/schedule

Impact on Materials Parts Already Manuf. ☐ Yes ☒ No

If yes, what is recommended disposition

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[Detailed Description of Change](#)

**Description  
of Change**

Control Account 5200 requires additional scope to support:

- 1) Computer Division Support Activities,
- 2) Additional Computer Division project oversight,
- 3) Evaluation of additional scope requirements, and
- 4) Additional software design.

- 1) Support Computer Division Activities (LOE) 100 hrs \* \$155.03 = \$15,503.00
- 2) Additional Computer Division project oversight (LOE): 100 hrs \* \$155.03 = \$15,503.00
- 3) Evaluation of additional scope: 50 hrs \* \$155.03 = \$7,751.50
- 4) Additional software design requirement: 50 hrs \* \$155.03 = \$7,751.50

**Contingency draw = \$46,509.00**

Submitted by:

\_\_\_\_\_  
Ron Hatcher

Reviewed by:

\_\_\_\_\_  
Larry Dudek

**SUBMIT ECP**

Do not fill in information below this point

List of Attachments ☐ Primavera Schedule (Before/After) ☐ Cobra (Before/After) ☐ Other...