

NATIONAL SPHERICAL TORUS EXPERIMENT UPGRADE PROJECT

Engineering Change Proposal (ECP)

Part I To be Completed by Originator

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ECP-113

COVER PAGE

Originator (CAM) Dudek

Date Submitted 4/7/2014

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ECP No. 113

ECP Title In Control Account 1304 delete activity 1304-1154
"Fab/Deliver supports for OTF jumpers" and
replace with new activity capturing the updated
cost/schedule for the fabrication and delivery of
these parts.

Required Reviewers
(Change Control Board)

<input type="checkbox"/> Williams	<input checked="" type="checkbox"/> Langish
<input checked="" type="checkbox"/> Strykowski	<input type="checkbox"/> Other...
<input checked="" type="checkbox"/> Dudek	
<input type="checkbox"/> 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 4/21/2014

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

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PART I

Originator (CAM) Dudek

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Type of ECP ☒ Standard ☐ Expedited

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

Reason for Change In Control Account 1304 delete activity 1304-1154 "Fab/Deliver supports for OTF jumpers" and replace with new activity capturing the updated cost/schedule for the fabrication and delivery of these parts.

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 ☐ 4501 ☐ 7900
☐ 1001 ☐ 1307 ☐ 2475 ☐ 5000 ☐ 8200
☐ 1002 ☐ 1310 ☐ 2480 ☐ 5200 ☐ 8210
☐ 1200 ☐ 2300 ☐ 2485 ☐ 5501 ☐ 8250
☐ 1300 ☐ 2420 ☐ 2490 ☐ 6100 ☐ Other...
☐ 1301 ☐ 2425 ☐ 3200 ☐ 7200
☐ 1302 ☐ 2430 ☐ 3300 ☐ 7300
☐ 1303 ☐ 2440 ☐ 3400 ☐ 7400
☒ 1304 ☐ 2450 ☐ 4100 ☐ 7100
☐ 1305 ☐ 2460 ☐ 4500 ☐ 7710

Impacts of Change (Briefly Describe) Increased cost. Currently does not impact critical path, but a delayed delivery could impact.

Impact - BL Sched Dur Change

0

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 In Control Account 1304 delete activity 1304-1154 "Fab/Deliver supports for OTF jumpers" and replace with new activity capturing the updated cost/schedule for the fabrication and delivery of these parts.

1. Zero current activity 1304-1154 (apply negative bcws in current month as to not change history). Budget= \$66,000

2. Add activity 1304-1154A: M&S (41) = $\$206,000 * 1.35 = \$278,100.00$ (See attached email for breakdown) (Use EVT % complete, Start: 6/2/2014, Finish: 6/30/2014)

Contingency draw= \$212,100

Submitted by:

James Chrzanowski

Reviewed by:

Larry Dudek

SUBMIT ECP

Do not fill in information below this point

Stephen Langish

From: Lawrence Dudek
Sent: Monday, April 07, 2014 2:41 PM
To: STEVE LANGISH
Subject: BPA Status & OTF Finger Support Costs
Attachments: NSTXU BPA Status.pdf; Untitled attachment 00200.htm

Steve,
There's only one open BPA. The rest are on regular Procurements.

OTF Lead Extension Supports

	Supplier	Cost	Req or BPA or PO #	
TF Lead Extension Finger Supports	Hollis Line Machine	\$139,474	PE013343	
Finger Support Brackets	Carolina	\$28,560	13097-AW-0226	
TF Lead Extension Fasteners		\$29,431	414069	
Belleville Washers		\$8,289	414071	
		\$205,754		