April / May Shutdown 4/22/03 - 5/21/03

WORK Items	WRQ#	Responsible Staff Person	Assigned Techician Resources	Estimated Duration	Comments		
PS Injector Tasks							
Reterminate RFG Kicker 1 & 2 Feed Cables		Wang / Hillamn	Seglem, Kudirka	2d	Complete		
Septum charging Supply replacment (BES 1 & 2)	13378	Wang / McNamara	Goetzen, Donkers	6d	Complete		
Linac Klixons and temp sensors validation and rewire as required.	13479	Hillman	Seglem, Kudirka	2d	Complete		
Reterminate Booster Main Supply reset line into breakout	13385	Hillman	Goetzen, Donkers	2h	Complete		
Provide assistance for BES1 replacment		Wang / Hillamn	Goetzen, Donkers		Complete		
Provide assistance for Par Kicker inspections		Wang / Hillamn	Goetzen, Donkers		Complete		
Tie Linac/Par ACIS chain C into MPEOB string	13379	Markovich	Seglem, Kudirka	2h	Complete		
Tie LEUTL ACIS into MPEOB string	13381	Markovich	Seglem, Kudirka	2h	Complete		
EMI PS Mantiance (filter cleaning)	13382, 13383	Hillman	Goetzen, Donkers	2d	Complete		
ETS of the Kickers, Septum, Interleaving supplies and the Analog Receiver/Transmitter boards.	13470	Hillman	Seglem, Kudirka		·		
 a) Document the current configuration of the Analog Receiver/Transmitter boards. 		Hillman	Seglem, Kudirka	2d			
 b) Validate the wiring to and from the Analog Receiver/Transmitter boards. 		Hillman	Seglem, Kudirka	2d			
Equipment & Cable removal for the old LET dipole supplies		Hillman			Complete		
b) Complete the removal of DC and interlock Cabling	13386	Hillman / McNamara	Goetzen, Donkers	5d	Complete		
c) Reroute MPEOB wiring that is currently passing through this rack	13387	Hillman / Markovich	Seglem, Kudirka	2d	Complete		
Install diodes across Contactors Coils		Hillman	Seglem, Kudirka	1d	Complete		
Check grounding in Par (Kickers & Besocm)	13472	Hillman			Ongoing		
Replace RFGun Heater supplies with new chopper type	13473	Hilman	Seglem, Kudirka	1d			
Rework Boster Dipole Slave PS - repairs from transformer problem		Hilman			Complete		
Booster MPEOB wiring		Markovich	Seglem, Kudirka	2d	·		
Raw PS Dump Resistor Install	13474	Wang / Sprau	Puttkammer, Vargas, Gibson, Jordan	5d	Deferred		
Modify Converter interlock cards (Water trip)	13577	Sprau / Fors	Puttkammer, Vargas	5d	Complete		
Redo teflon fitting's with leak lock	13475	Sprau / Fors	Puttkammer, Vargas Puttkammer, Vargas	3d	Deferred		
Analog Readback Repairs	13478	Sprau / Fors	Puttkammer, Vargas	3d	During Startup (time providing)		
General PM	13470	Sprau / Fors	Puttkammer, Vargas	3d	During Startup (time providing) During Startup (time providing)		
Install & Test Trim PS in S11, 12, & 13	13388	Sprau	Puttkammer, Vargas	3u 4h	Complete		
Remove Trim PS in 14, 24, & 25	13579	McNamara	Puttkammer, Vargas	4n 4h	Complete		
Canted Undulator Install in S23	13476	Wang / Sprau	Jordan, Gibson	5d	Complete		
Add Cooling fans to SR Converter Cabinets	13477	Markovich	Sawatski, Sutton	10d	Fans installed, but not wired, awaiting wire		
Add Cooling fails to SK Converter Cabinets	13477	IVIAIROVICII	Sawaiski, Sulloii	100	rans installed, but not whed, awaiting whe		
Validate 6Gev interlock for SR Dipole	13389	McNamara / Sprau			During startup (5/20)		
Gespac EPROM upgrade	10000	Fors			Complete		
Electrical T.	asks	. 6.0			o mpioto		
Install UPS & associated power feeds	1 1	Markovich			Ongoing		
	+ -				+		
		<u> </u>					

April / May Shutdown 4/22/03 - 5/21/03

WORK Items	WRQ#	Responsible Eng.	Assigned Techician Resources	Estimated Duration	Comments	
ACIS	Tasks					
Install at least one Radiation Monitor (24 ID).	13249	Forrestal				
Install conduits and cabling for two more monitors (21 ID and 29 ID).		Forrestal				
Terminate cables in the Sector 23 enclosure for 23 ID		Forrestal / Hogrefe				
Rewire AC power in racks affected by the centralized UPS installation.		Forrestal / Hogrefe	Roberts	4h	Complete	
Pull the cable required to modify the Chain C interface upgrade at the terminus of each zone		Hogrefe	OPS	2d	Complete	
Pull remote I/O "blue hose" to replace fiber optic cables that run in the synchrotron tunnel.		Forrestal / Hogrefe	Straight, Gomez	1d	Complete	
Remove the panel view in the MCR and replace it with a DL 40 message display.					Complete	
Interface to the Radiation Monitor mask chassis and install the software.					Complete	
Install the PLC clock synchronizer. Interface to Linac/PAR Chain B and LEUTL Chains A and B.					Complete	
Validate Linac/Par ACIS	13246				Complete	
Interface to the Radiation Monitor mask chassis and install the software.					Complete	
Install the PLC clock synchronizer.					Complete	
Validate Leutl ACIS	13247					
16BM installation						
FEEPS Tasks						
Rewire AC power in racks affected by the centralized UPS installation, including signal to PLC		Behrndt	Gomez	•	Complete	
23ID Installation		Behrndt	Travis		Complete	
Check existing UPS's for switching failures		Behrndt			Complete	
Modify & Validate 6 BLEPS systems		Behrndt				
Pull fiber for 23 ID communication		Behrndt	Travis, Straight	1/2 d	Complete	

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Pes Validations Resth. 1240, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 150, 301, 301, 301, 301, 301, 301, 301, 30	Beamline	WORK Items	WRQ#	Responsible Eng.	Assigned Techician Resources	Estimated Duration	Comments		
PSS Visidations: 88M, 128M, 1310, 301, 1510, 510, 710, 18M, 3310, 1510, 338M, 110, 2010, 228M, 138M 10 PSS Visidations: 88M, 128M, 1310, 301, 1510, 338M, 110, 2010, 228M, 138M 11 PSS Stand SSS James 12 PSS Stand SSS James 13 PSS Stand SSS James 13 Principal 13 Principal 13 Principal 13 Principal 14 Principal 15 Principal 15 Principal 16 Principal 16 Principal 17 Principal 18 Principal 18 Principal 19 Principal 19 Principal 10 PSS stand SSS James 10 PSS PSS PSS Stand SSS James 10 PSS PSS PSS PSS PSS PSS PSS PSS PSS PS	PSS Tasks								
a) remove PSS switches; b) resident the whiter and validate shutter wiring. 28M of 1 shutter: (a) remove PSS witches after the IS is back in the BL & 13467 29M of 1 shutter: (a) remove PSS witches: (b) remove PSS witches: (c) remove PSS witches: (c) remove PSS witches: (d) remove PSS witches: (e) remove PSS witches: (e) remove PSS witches: (e) remove PSS witches: (f) remove PSS witches: (g) remove PSS wit		PSS Validations: 8BM, 12BM, 13ID, 3ID, 15ID, 5ID, 7ID, 1BM, 33ID, 18ID, 33BM, 1ID, 20ID, 22BM, 13BM		Nguyen	Gomez, Travis,		Completed: 8BM, 12BM, 13ID, 3ID, 15ID, 5ID, 7ID, 1BM, 33ID, 18ID, 33BM, 20ID		
Description of the available and validate shuffer wing. Po MS1 shuffer: Jean and validate shuffer wing. Po MS1 shuffer: Jo reinstall the switches after the Cysinder is back together & calculated shuffer wing. Jo remove PSS away these: Jo remove PSS away these: Jo remove PSS away these: Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS away the same and validate shuffer wing. Jo remove PSS a									
calibrate the shutter and validate shutter wring. 2BM MS 1 shutter: a) a remove PSS avvictions: 1 stream of PSS avvictions: 3 stream of PSS avvictions: 4 stream of PSS avvictions: 5 stream of PSS avvictions: 6 stream of PSS a	1ID			Friedman			Complete		
Pé MS stuties: a) prince PSS switches, b) reinstill the switches after the cylinder is back together & collection of the switches after the cylinder is back together & collection of the switches after the cylinder is back together & collection of the switches after the cylinder is back together & collection of the switches and validate shutter wiring. Straight Straight The Complete The Complete The Straight The Complete The Complete The Straight The Complete The Complete The Straight The Complete The Straight The Complete The Complete The Complete The Straight The Complete The Compl			13467		Roberts	1d	Complete		
b) rentestil the switches after the cylinder is back together & calibrate shutter and validate shutter wring. SST and SSZ in the FE: a) remove PSS switches b) rentestil the switches after the SSS are back together & calibrate shutter wring. SST and SSZ in the FE: a) remove PSS switches b) rentestil the switches after the SSS are back together & calibrate shutter wring. SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SSD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SRD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SRD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SRD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SRD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SRD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SRD Move 2 WBSA DIW writes on the FERDP—one for chain A, another for chain B. Niguren SRD Move 2 WBSA DIW writes on the SRD Move 2 WBSA DIW writes on the for chain A, another for cha									
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SST and SSZ in the FE: a) remove PSS switches b) reinstalf the switches after the SS's are back together & b) reinstalf the switches after the SS's are back together & b) reinstalf the switches after the SS's are back together & complete SID Move 2 WBSA DIW wires on the FERDP - one for chain B. SIT and SSZ in the FE: a) remove PSS well-bes after the SS's are back together & complete STRIGHT Roberts 4 h Complete Nguyen Gomez 1 h Complete Friedman Straight 1 h Complete Shutter stackers Friedman	ZBIVI	b) reinstall the switches after the cylinder is back together &	13468	Friedman	Roberts	2h	Shutter reinstalled -& connected. Need		
a) remove PSS witches a) remove PSS witches after the SSs are back together 8 calibrate the shutters and validate shutter wing. Complete		calibrate shutter and validate shutter wiring.					calibrated & a mini val		
Dimensional the switches after the SSs are back together & Complete		SS1 and SS2 in the FE:							
b) reinstall the switches after the SSS are back together & Complete coloribrate the shutter winting. SID Move 2 WBS-A DIW wires on the FERDP - one for chain A, another for chain B. Nguyen Gomez 1h Complete PSS front end installation Hawkins Francis Complete PSS front end installation Hawkins Francis Complete PSS front end installation C, the enunciator claims that station D is being searched - replace the unit. Nguyen Gomez 2h Complete PSS front end installation C PSS fro	6ID		13469	Friedman			Complete		
Califorate the Shutters and validates shutters will be replaced with yokogawa ones. Tie-in, test and document shutters will be replaced with proposed shutters and validates shutters	OID		13403	Heuman	Roberts	4h	Complete		
All Check FE shutter stickers 388M When searching station C, the enunciator claims that station D is being searched - replace the unit. 1388M Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 1388M Though Integrate new shutter (SH-D) with the PSS. 13480 Friedman Straight Integrate new shutter (SH-D) with the PSS. 13481 Friedman Straight Any shutter (SH-D) with the PSS. 13481 Friedman Straight Any shutter (SH-D) with the PSS. 13481 Friedman Straight Any shutter (SH-D) with the PSS. 13481 Friedman Straight Developed with Young the PSS DIW transmitters will be relocated to the mezzarine. Vlatran transmitters will be replaced with Young the PSS DIW transmitters will be relocated to the mezzarine. Vlatran transmitters will be replaced with Young the PSS DIW transmitters will be relocated to the mezzarine. Vlatran transmitters will be replaced with Young the PSS DIW transmitters will be relocated to the mezzarine. Vlatran transmitters will be replaced with Young the PSS DIW transmitters will be replaced with Young the PSS DIW transmitters will be repl							'		
All Check FE shutter stickers 338M When saarching station C, the nunciator claims that station D is being searched - replace the unit. 138M When saarching station C, the nunciator claims that station D is being searched - replace the unit. 138M Integrate new shutter (SH-D) with the PSS. 138M Validate shutter SSD IS, in station C 158M through 71D 161D Change Pulizzi plug-in configuration 158M Through 71D All Door magnetic locks – identify old units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify old units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify old units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of units and replace them with new ones 154M Organization C, the PM of odor switches & magnetic locks – identify of odor with new of the pm of th						1h			
338M When searching station C, the enunciator claims that station D is being searched - replace the unit. 13493 Ross Roberts 3d Shutter wired, needs calibrated 1610 Friedman Roberts 1/2d Complete 1841 Friedman Straight 1/2d Roberts 1/2d									
Integrate new shutter (SH-D) with the PSS. 13493 Ross Roberts 3d Shutter wired, needs calibrated 16ID Validate shutter S3-D IS, in station C Friedman Roberts 1/2d Complete 18M through Roberts 1/2d Complete 1/2d Roberts 1/2d Complete 1/2d Roberts 1/2d Complete 1/2d Roberts 1/2d Complete 1/2d Roberts 1/2d									
Fieldman Roberts 1/2d Complete				0 /					
EBM through Change Pulizzi plug-in configuration 13471 Friedman Gomez 1d Complete			13493						
All Door magnetic locks – identify old units and replace them with new ones All PM on door switches & magnetic locks: search stations, operate doors and identify irregularities. 13480 Friedman Straight 1 d Inventory complete All PM on door switches & magnetic locks: search stations, operate doors and identify irregularities. 13481 Friedman Straight 1 Any time during the SD. 1BM Ground upper 15U panels. Total of 2 15U cabinets 2 Dawson Roberts 2h Complete 2BM Ground upper 15U panels. Total of 3 15U cabinets 2 Dawson Roberts 2h Complete 2BM Ground upper 15U panels. Total of 2 15U cabinets 2 Dawson Roberts 2h Complete 2BM Ground upper 15U panels. Total of 2 15U cabinets 2 Dawson Roberts 2h Complete 2BM Ground upper 15U panels. Total of 2 15U cabinets 2h Complete 2BM All A PSS DIW transmitters will be relocated to the mezzanine. Vlatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document 2D All 8 PSS DIW transmitters will be relocated to the mezzanine. Vlatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document 4D Dawson Travis 2d Ongoing 4D Dawson Travis 2d Deferred till Aug/Sept Shutdown 11ID Rewire DIW transmitters: pull new cable, terminate, test and document 15ID Rewire DIW transmitters: pull new cable, terminate, test and document 15ID Rewire DIW transmitters: pull new cable, terminate, test and document 15ID Replace chain A 'less than 3PSI' switch 15ID Replace than A 'less than 3PSI' switch 15ID Replace		Validate shutter S3-D IS, in station C		Friedman	Roberts	1/2d	Complete		
All PM on door switches & magnetic locks: search stations, operate doors and identify irregularities. 1BM Ground upper 15U panels. Total of 2 15U cabinets 1D Ground upper 15U panels. Total of 2 15U cabinets 2h Complete 2BM Ground upper 15U panels. Total of 2 15U cabinets 2h Complete 2BM Ground upper 15U panels. Total of 2 15U cabinets 1D All 4 PSS DIW transmitters will be relocated to the mezzanine. Viatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document 2D All 8 PSS DIW transmitters will be relocated to the mezzanine. Viatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document 2D All 8 PSS DIW transmitters will be relocated to the mezzanine. Viatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document 3D All 8 PSS DIW transmitters: pull new cable, terminate, test and document 4D Dawson 4D Dawson 4D Dawson 5D Travis 4D Deferred till Aug/Sept Shutdown 5D Dawson 5D Travis 4D Deferred till Aug/Sept Shutdown 6D Rewire DIW transmitters: pull new cable, terminate, test and document 5D Dawson 5D Dawson 5D Travis 5D Deferred till Aug/Sept Shutdown 6D Rewire DIW transmitters: pull new cable, terminate, test and document 5D Dawson 5D Travis 5D Deferred till Aug/Sept Shutdown 6D Replace chain A 'less than 3PSI' switch 6D Replace		Change Pulizzi plug-in configuration	13471	Friedman	Gomez	1d	Complete		
BBM Ground upper 15U panels. Total of 2 15U cabinets Dawson Roberts 2h Complete	All		13480	Friedman	Straight	1d	Inventory complete		
1ID Ground upper 15U panels. Total of 2 15U cabinets 2BM Ground upper 15U panels. Total of 2 15U cabinets 1ID All 4 PSS DIW transmitters will be relocated to the mezzanine. Viatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document 2ID All 8 PSS DIW transmitters will be relocated to the mezzanine. Viatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document 3IID Rewire DIW transmitters pull new cable, terminate, test and document 4IID Rewire DIW transmitters: pull new cable, terminate, test and document 5IID Rewire DIW transmitters: pull new cable, terminate, test and document 5IID Replace chain A Test shan A Test shan A Straight 5IID Replace chain A Test shan A Test shan A Straight 5IID Replace chain A Test shan A Test	All	PM on door switches & magnetic locks: search stations, operate doors and identify irregularities.	13481	Friedman	Straight		Any time during the SD.		
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Vokogawa ones. Tie-in, test and document All 8 PSS DIW transmitters will be relocated to the mezzanine. Viatran transmitters will be replaced with Yokogawa ones. Tie-in, test and document Bawson Travis All 8 PSS DIW transmitters: pull new cable, terminate, test and document Dawson Travis Dawson Travis Travis Dawson Travis Dawson Travis Travis Dawson Travis Travis Dawson Travis Travis Dawson Travis Travis Dawson Travis Dawson Travis Dawson Travis Dawson Travis Dawson Travis Dawson Travis Travis Dawson Travis				Dawson	Roberts	2h	Complete		
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Rewire DIW transmitters: pull new cable, terminate, test and document Dawson Travis 2d Deferred till Aug/Sept Shutdown	2ID			Dawson	Travis	2d	Ongoing		
11ID Rewire DIW transmitters: pull new cable, terminate, test and document 16ID Rewire DIW transmitters: pull new cable, terminate, test and document 15ID Rewire DIW transmitters: pull new cable, terminate, test and document 15ID Replace Chain A 'less than 3PSI' switch All but where PSS valid.is planned 4ID, 6BM, 6ID, 7ID, 8BM, 9ID, 10BM, 16ID, 32ID, 33BM, 34ID, & 35BM 21, 23 & 24 Pull cables to reflect changes in the PSS layout Dawson Travis 2d Deferred till Aug/Sept Shutdown Straight 4h Complete	6ID			Dawson	Travis	2d	Deferred till Aug/Sept Shutdown		
16ID Rewire DIW transmitters: pull new cable, terminate, test and document 15ID Replace chain A 'less than 3PSI' switch 13490 Friedman Straight 2h Complete PSS valid.is planned 4ID, 6BM, 6ID, 7ID, 22BM, 22ID, 31ID, 32ID, 33BM, 34ID, & 35BM 12, 23 & 24 Pull cables to reflect changes in the PSS layout Dawson Travis 2d Deferred till Aug/Sept Shutdown 13490 Friedman Straight 2h Complete Priedman Straight 2h Complete Straight 2h Complete All but where Straight 2h Complete Friedman Straight 2h Complete Hawkins Francis 1d 23ID & 24ID complete									
15ID Replace chain A 'less than 3PSI' switch All but where PSS valid.is planned 4ID, 6BM, 6ID, 7ID, 8BM, 9ID, 10BM, 16ID, 22BM, 22ID, 31ID, 32ID, 33BM, 34ID, & 35BM 21, 23 & 24 Pull cables to reflect changes in the PSS layout 13490 Friedman Straight 13490 Friedman Straight 13490 Friedman Straight 2h Complete 13492 Friedman Straight 4h Complete Friedman Straight 4h Complete 13492 Friedman Straight 4h Complete 14D, 6BM, 6ID, 7ID, 8BM, 9ID, 10BM, 16ID, 10BM, 10BM, 16ID, 10BM, 16ID, 10BM, 16ID, 10BM, 10BM									
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6ID, 7ID, 8BM, 9ID, 10BM, 16ID, 22BM, 22ID, 31ID, 32ID, 31BM, 34ID, & 35BM 21, 21, 23 & 24 Pull cables to reflect changes in the PSS layout Friedman Friedman Friedman Straight 2h Complete PSS configuration'. Friedman Straight 2h Complete Comp	planned						•		
10BM, 16ID, 22BM, 22ID, 31ID, 32ID, 32ID, 33IBM, 34ID, & 33BM, 34ID, & 33BM 21, 23 & 24 Pull cables to reflect changes in the PSS layout Install Chain A processor sticker saying 'Do not remove. Under PSS configuration'. Friedman Straight 2h Complete Friedman Straight 2h Complete	6ID, 7ID,								
21, 23 & 24 Pull cables to reflect changes in the PSS layout Hawkins Francis 1d 23ID & 24ID complete	10BM, 16ID, 22BM, 22ID, 31ID, 32ID, 33BM, 34ID, &			Friedman	Straight	2h	Complete		
		Dull applies to reflect changes in the DCC leveut		Haudina	Francia	1 d	22ID 8 24ID complet-		
	∠1, 23 & 24	Pull cables to reflect changes in the PSS layout Pull fiber for PSS communications		Hawkins Emerson	Prancis OPS	1d 1d	Complete		