NCSX RIFID	Number: NCSX-RFD-12-0	05	RFD Description: NCSX Vessel port manufacture		
Initiator: Mike Manuel		Organization: Major Tool and Machine			
List of Impacted D NCSX-CSPEC-12		E121-01	4		
Cost Impact: (If none, so state) NONE					
Schedule Impact: (If none, so state) NONE					
Impact on Interfaces with Other WBS Elements/Items: (If none, so state) None					
Full Description of the Deviation Requested: (Use continuation pages, e-mails, letter, sketches, etc. as needed and include amplifying information as appropriate)					
DEVIATION:					
Request authorization to substitute schedule 10 pipe for specified schedule 40 (except port 15). Note: Available supply of sch 40 would be used on Port 15. This would be done on all six 60 deg segments to maintain symmetry.					
Note: RFD-12-002 (ECP-027) previously approved substitution of schedule 10 pipe for schedule 40 pipe for 2-12 inch pipe.					
JUSTIFICATON: Limited supply of schedule 10 and schedule 40.					
Attachments: N/A					
Initiator Signature	e: Mike Manuel	D	ate: May 6, 2005		

NCSX RFD Number: NCSX-RFD-12-00			RFD Description:			
		05	NCSX Vacuum Vessel Port Manufacture			
Pairt III						
RLM: Brad Nelson	n	Organiz	Organization: ORNL			
Impact on Interfac	es with Other WB	S Elemen	nts/Items: (If none, so state): WBS 3 – will			
reduce their allowable weight if Sch10 substituted for Sch40 pipe – how much is						
indeterminate until specifics are known.						
indeterminate until specifics are known.						
RLM Recommended Disposition:						
☐ Approve ⊠ I	Oo Not Approve (If	recomm	nendation is to approve, ECP will be assigned)			
(1) Port 15 is not the area of concern. Ports 17 and 18 are the areas of concern. In addition, the						
potential impact on diagnostics will have to be assessed.						
(2) Use of Sch10 in place of Sch40 throughout for the 3.5" pipe is unacceptable due to high						
			estion. An exhaustive search to locate the pipe or			
			y recommended. However, if there is nothing			
			able to splice Sch10 onto sections of the limited			
<u> </u>			mum of 8" of Sch40 shall be used at the VV-to-			
			sulting in a step in the interior of the pipe.			
(3) Only the 3.5" Ports 2A and 2B, 8A and 8B, 15A and 15B, and the spacer port may be						
•			lices. Ports 17A, 17B, 18A, and 18B shall use			
_	-		tilize the Sch10 splice.			
(4) Regardless of the	ne final disposition,	Stellarat	for Symmetry must be preserved in all instances;			
what is done at	one port location mu	ıst be dor	ne in all corresponding ports.			
(5) If splicing is ev	(5) If splicing is eventually approved, welding, inspection, and acceptance of the splice welds					
shall conform to	the requirements se	et forth in	n NCSX-CSPEC-121-02-06.			
RLM Signature: _						
	-					
Project Disposition	1: (Include ECP N	umber):				
(1) Wholesale substitution of Sch10 pipe for Sch40 is not authorized . Splicing of Sch10 to						
Sch40 will be expeditiously investigated by the Project per the constraints above (e.g.,						
impact on allowable diagnostic weight, specific ports, and minimum Sch40 lengths prior						
to splicing).	nowable diagnostic	worgin,	specific ports, and imminum sen to lengths prior			
	avenues to obtain	Sch40 ni	ne NCSX Project will try to assist in identifying			
(2) Exhaust all avenues to obtain Sch40 pipe. NCSX Project will try to assist in identifying additional sources. Do not proceed to implement splicing strategy until such time that						
			ces to obtain Sch40 pipe have been exhausted and			
that the impacts of the adoption of strategy will mean in terms of the impact on						

diagonostics are fully assessed.