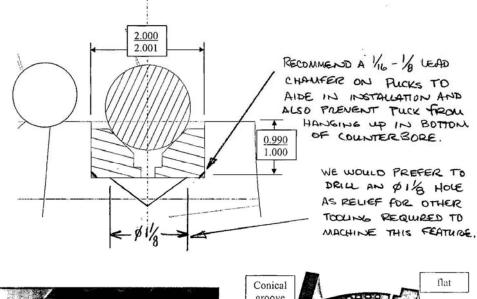
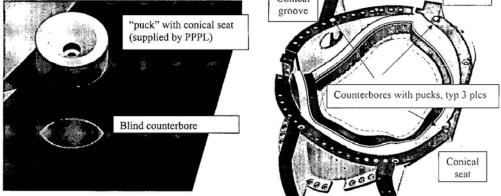
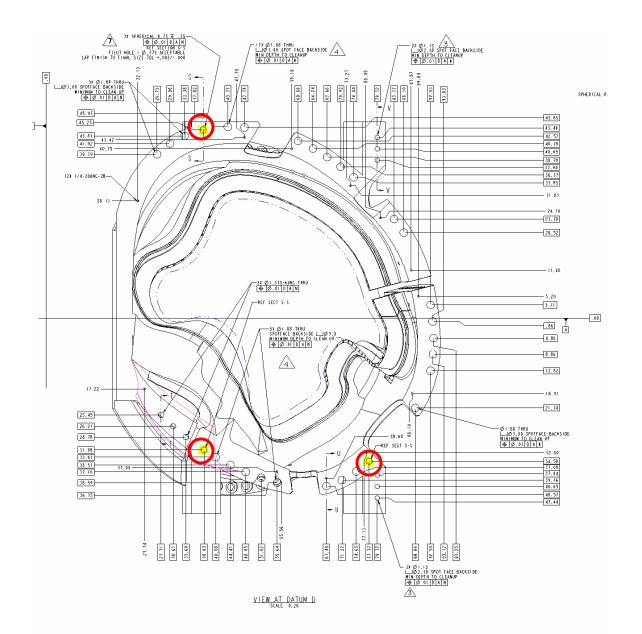
NCSX IRIFID IParti II	Number: RFD-14-01	 3R1 RFD Description: Change to C-4 through C- 6 Flange Seats from a Spherical Seat to a Counterbore Seat 		
Initiator: Kevin B Heitzenroeder	owling and Phil Or	Organization: Major Tool/PPPL		
List of Impacted I Drawing SE141-11		on, MIT/QA Plan, SOW, drawing, etc.)		
Cost Impact: (If n None realizable;th time.		r this change is to save machining and inspection		
Machining and ins is expected to save conformance cond spherical seats on (lapping at PPPL to Quality Impact: (several hours of machin itions – it was not possion C1 and C2. These were prectify. If none, so state):	is much easier to perform than a spherical seat. This ning and inspection time and expected to avoid non ble to achieve the tolerances required for the accepted "as is" but will require time –consuming		
	-	ed For: (Specification, MIT/QA Plan, SOW,		
sketches, etc. as ne		ted: (Use continuation pages, e-mails, letter, fying information as appropriate to support deviation		
sketches, etc. as ne request.): During technical r encountered mach that consideration C-3 casting and fo replacement for th appropriate config should be easier to	eded and include ampli neetings at MTM the v ining and inspecting th be given to changing t r all follow-on castings ne conical seats so that guration (eg, conical se	fying information as appropriate to support deviation week of January 3 rd , MTM identified difficulties he spherical seats on the flanges. MTM requested		
sketches, etc. as ne request.): During technical r encountered mach that consideration C-3 casting and fo replacement for th appropriate config should be easier to Detail Sketch".	eded and include ampli neetings at MTM the v ining and inspecting th be given to changing t r all follow-on castings ne conical seats so that guration (eg, conical se	fying information as appropriate to support deviation week of January 3 rd , MTM identified difficulties he spherical seats on the flanges. MTM requested he spherical seats to conical seats, starting with the . Subsequently, counterbores were suggested as a custom "pucks" could be inserted with an at, conical groove, flat) The counterbored seats See the attached figure "C3 Counterbore Seat		

NCSX RIFID	Number: 14-013R1		RFD Description: Change to C-4 through C-	
IParrit III			6 Flange Seats from a Spherical Seat to a Counterbore Seat	
RLM: Brad Nelso	n/Wavne	Organiz	vation: PPPL	
Reiersen for BEN				
Impact on Interfaces with Other WBS Elements/Items: (If none, so state): NONE				
RLM Recommendation:				
Approve Do Not Approve				
Additional remarks:				
See attached sketch of the C-4 counterbore seating alignment (typical) and sections of drawing SE141-116 (Datum D & C) to show the location for the C-3 flange casting seats.				
The NCSX Project will develop a more permanent solution for the Type A and B castings within one (1) week and will incorporate into Revision 11 of the CSPEC.				
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? Accept C-1 through C-3 castings "as is."				
RLM Signature:				
Project Disposition:				
Approved. No ECP required.				
Approved. ECP -042 processed to pickup this change.				
		NCSX S	ystems Engineering Support Manager	
Not Approved. Reason(s) for disapproval:				

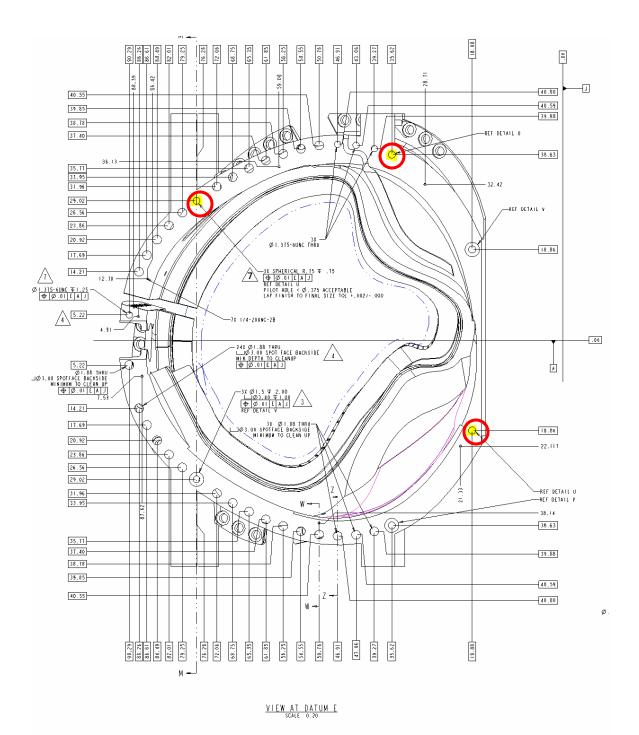




C-4 Counterbore Seat (Typical) Detail Sketch



Section from SE141-116 (Datum D) Showing Location of Holes in Yellow Highlight and Circles



Section from SE141-116 (Datum C) Showing Location of Holes in Yellow Highlight and Circles