

WBS / Operations Activity
I&I

131.FDC - Far Detectors + FS Cryogenic Infrastructure
Yes

Count of RI-ID Row Labels	Column Labels			Grand Total
	3 (High)	2 (Medium)	1 (Low)	
Procurement		2	1	3
[CRYO] Difficulties in finding suitable installation subcontractor #1 and #2		1		1
[CRYO] IDIQ IKC installation and Argon distribution review & approval takes longer than planned		1		1
[CRYO] Need alternate LN2 supply for APA integrated cold boxes			1	1
Regulation	5	2	3	10
[CRYO] South Dakota Taxes for In-Kind Contributions to Cryogenics	1			1
[IPM] South Dakota Taxes for cryostat#1 cold M&S/labor & cryostat#2 warm/cold M&S/labor	1			1
[PM] [CD3a] South Dakota Taxes for cryostat #1 warm structure and labor			1	1
[PM] Changes to the Estimate of Duties for Imports	1			1
[PM] Codes or standards change resulting in scope increases FS			1	1
[PM] Future escalation rates are uncertain	1			1
[PM] Lack of Agreement on international codes/standards affects partner design work			1	1
[PM] Non-US Workers Visa Delays			1	1
[PM] South Dakota Taxes for I&I Outfitting & Detector Installation Labor			1	1
[PM] US reinstates duties on steel imports from Europe	1			1
Technical		2	7	9
[CRYO] Need to remove LAr during cryostat filling process when it is <25% full			1	1
[CRYO] Nitrogen System completion is delayed		1		1
[CRYO] Significant ODH Event in Detector Cavern or CUC			1	1
[DAQ] FD CCM and DQM do not meet required specifications			1	1
[I&I] Delay in the availability of Slow Controls			1	1
[I&I] Delay in the beginning of APA integration and installation			1	1
[I&I] Delay in the beginning of CRP installation			1	1
[I&I] Detector failure during cooldown			1	1
[I&I] Excessive noise observed during detector commissioning		1		1
Grand Total	5	6	11	22