2020-08-31 Detector Planning Meeting notes

Date

24 Aug 2020

Attendees

- McKelvey, Mark E
- Philip Hart
- Kazutaka Nakahara
- Zimmerman, Kayla
- Rebecca Armenta
- Conny Hansson

Goals

• Set and status planning activities for detector development and deployment.

Discussion items

Time	Item	Who	Notes
20 min	Deploy ment 3-wk plan	Team	Shift coverage this week. F 0730: X407 (Sun), JF, ePix, status? F 0730: P172 (Fromme) JF4M (on-call)
10 min	Other beamti me- related		 Wave8 testing/status? ePix10k Constants status/plan? Meet w/TID Thursday to discuss. (Pedestals w/bragg, AML v FL, ?) Baseline JF and 2M 'traveller' pages on Confluence. Collect and analyze any remaining in-lab test data. Next detector deployed: Kayla to lead meeting for mapping detectors to experiments
30 min	Prioriti	All	Group priorities review: Testing Setup ePix10k, ePix100, JF smalls for test in lab (~there) Understand charge injection issues. Baseline tests on smalls pre-deployment. Parametric performance tests (10k first) Analysis Gather and process relevant commissioning data for Mp travellers on Confluence. Solid pedestals Noise map Response uniformity (mini-X cu-fluorescencce) Bootstrap gain (sealed source) Linearity (signal injection) Documentation Complete on-line travellers for Mp detectors Development RIXS-CCD, review draft Project Plan w/NEH 2.2 RIXS-CCD Concept Design (R to set meeting to talk cooling options) Anton project at UCB/SSL (milestone/schedule revision received) SXR Downselect prep Lab 'commissioning' DAQ Storage nodes LCLS //Il compatibility Table seismic Laser table re-cert BIO for racks in chase DP node purchase Sealed source purchase (M&S evaporating)

30 min	Status	CH: (Are we ready tot fix dashed line issue in the hutches?)
		Charge injection scripts on 10k smalls for mask tests.
		RA: (Are we on trac for Lin tests, and when to schedule him?)
		Loan stages to CXIensure return.
		Meet re cooling conceptsmet with Jim re outside space: not much.
		KP: JSA summary list circulated
		 XPP/MFX/XCS fibers due this week, other wise need ugly solution. Small Rayonix testing can be done by others.
		XPP/XCS power cable pinout (controls needs to tell us MPOD working)
		PH:
		Learning NERSC interface

		PA Proj_Act =	PA Activity_Desc	▼ LST	M Desc 📲	DA 1 2	ACTUALS	Balance
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		10918-A4001	DET Dist Exp Support	М&	.S	\$7	\$7	(\$0)
		16152-A4001	ePix Support	М&	.S	\$105	\$107	(\$2)
		16158-A4001	Other Detector Support	М&	.S	\$30	\$2	\$28
		16287-A4001	DET Department Management	М&	S	\$5	\$3	\$1
	-	16826-A4001	DET Department Research	М&	.S	\$47	\$3	\$44
		16159-A4001	DET Dept Infrastruct & Dev	М&	.S	\$112	\$101	\$11
		17341-A4001	Detector Program Management	М&	.S		\$6	(\$6)
		17439-A4001	DET Department OIP Projects	М&	S	\$22		\$22
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		17439-A400	DET Department OIP Projects		Shop Service	es \$	26 \$	2 \$24
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Action items

Action: Kazutaka Nakahara to circulate and/or post chiller manual to confluence.