2020-08-03 Detector Planning Meeting notes

Date

03 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
30 min	Deploy ment 3-wk plan	Team	Plans to support upcoming experiments. Wave8 testing this week, yes, but later this week? Body count in lab near limit. Maciej firmware update on 2M.0? Complete XCS deployment? Jungfrau testing this weekwhen vacuum? Smalls injection code status?? Constants generation/deployment status? Are we happy with sate of ePix cal? This week's commissioning: Rayonix Status?): Jungfrau (CXI): - W 12 August, 9pm - 5am: Jungfrau/CSPAD Cal/Commissioning - Th 13 August, 9pm - 3am: Jungfrau/CSPAD Cal/Commissioning - F 14 August, 9pm - 3am: Jungfrau/CSPAD Cal/Commissioning Set up pre-beam testing to complete NLT week of Aug 1 (Instrument team meetings) ePix10k2M.1 (MFX): - Sa 8 August, 9am - 9pm: ePix10k Set up pre-beam testing to complete NLT week of Aug 1 (Instrument team meetings) ePix10k2M.1 (XCS): - F 7 August, 9am - 3pm: ePix10k Set up pre-beam testing to complete NLT week of Aug 1 (Instrument team meetings) ePix10k2M.1 (XCS): - F 7 August, 9am - 3pm: ePix10k Set up pre-beam testing to complete NLT week of Aug 1 (Instrument team meetings) ePix10k2M.1 (XCS): - F 7 August, 9am - 3pm: ePix10k Set up pre-beam testing to complete NLT week of Aug 1 (Instrument team meetings) ePix10k2m.1 (XCS): - F 7 August, 9am - 3pm: ePix10k Set up pre-beam testing to complete NLT week of Aug 1 (Instrument team meetings) ePix10k2m.1 (XCS): - F 7 August, 9am - 3pm: ePix10k Response uniformity (mini-X) Response uniformity (mini-X)

Status All Group priorities review: Detectors for Run 18 Jungfrat commissioning plan and commissioning sees. Jungfrat commissioning plan and commissioning sees. Jungfrat commissioning set plan collibration along same lines at JF. eitri Mo2M (old) Needs shroud re-replaced, plans for backplate replacement. eitri Mo2M (old) Needs shroud re-replaced, plans for backplate replacement. eitri Mo2GCD Concept Design (it is est meeting to talk cooling options) Anton project at UCB/SSL (milestone/schedule revision received) SXR Downselect prep Lus b' Commissioning' DA Storage nodes LUS IVI compatibility Table seiserice Luser table re-certifiee DF node purchase DF node purchase Sealed source purchase (M&S evaporating) Actions: Check with TID about status of small epix100/10ka. (Mark, query sent) Check what cables we need for the in-vac epix100 setup in MEC and CXI. (Philip) Wawe-V2 tests (Kaz) Other news: eix1062M calibration/communication progress continues, escalation necessary? CH: USB patch cord available?? Mask measurements last week. Project management training. Charge rejection sorpts on 10k smalls for mask tests. RA: Beam pipes for 2M2 in work. Laan stages to CXII. ansure return. Meet re cooling conceptsmet with Jim re outside space: not much. KP. JSA summary list circulated Small Rayonsk to be tested in XPPmanual available?? XPAPA/XCS Interface PREPA/XCS power cable pirout (controls needs to full us MPOD working)				
	30 min	Status	All	Detectors for Run 18 Jungfrau commissioning plan and commissioning tests. Jungfrau commissioning plan and commissioning test plan, calibration along same lines as JF. Pht 10k2M (old) Needs shroud re-replaced, plans for backplate replacement. Pht 10k2M (old) Needs shroud re-replaced, plans for backplate replacement. Pht 10k2M (old) Needs shroud re-replaced, plans for backplate replacement. Pht 10k2M (old) Needs shroud replacement. Pht 10k2 Needs of the St. (milestone/schedule revision received) RIXS-CD, review draft Project Plan wNEH 2.2 RIXS-CDD Concept Position (in less tone/schedule revision received) RIXS-CDD Concept Position (in less tone/schedule revision received) Lab 'Commissioning' DAQ Storage nodes LCLS I/II compatibility Table seismic Laser table re-cert BIO for racks in chase DP node purchase Sealed source purchase (M&S evaporating) Actions: check with TID about status of small epix100/10ka. (Mark, query sent) check what cables we need for the in-vac epix100 setup in MEC and CXI. (Philip) Laser recentification (Kaz) Wave8-Vz tests (Kaz) Other news: ePix10k2M calibration/communication progress continues, escalation necessary? CH: USB patch cord available?? Mask measurements last week. Project management training. Charge injection scripts on 10k smalls for mask tests. RA: Beam pipes for 2M? In work. Loan stages to CXIensure return. Meet re cooling conceptsmet with Jim re outside space: not much. KP: JSA summary list circulated Small Rayonix to be tested in XPPmanual available?? XXPPMX/XCS fibers due this week, other wise need ugly solution. Small Rayonix testing can be done by others. XXPPIXCS power cable pinout (controls needs to tell us MPOD working)

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			16152-A4001	ePix Support			,	\$105	\$10		(\$2)
			16158-A4001	Other Detector Support	M&9			\$30		2	\$28
			16287-A4001	DET Department Management	M&9			\$5	\$	2	\$3
			16826-A4001	DET Department Research	M&9			\$47	do		\$47
			16159-A4001	DET Dept Infrastruct & Dev	M&9			\$112	\$9		\$22
			17341-A4001	Detector Program Management	M&9			ćaa	\$	D	(\$6)
			17439-A4001	DET Department OIP Projects	M&5	•		\$22			\$22
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			Labor snapsh	not (June actuals):			,	Values			
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			10918-A400			Shop Ser			66		\$60
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			16158-A400	1 Other Detector Support		Shop Ser	vices	\$	10	\$10	\$0
			16158-A400	1 Other Detector Support		SLAC Lab	or	\$1	10	\$51	\$58
			16253-A400	1 C-S PAD Support		Shop Ser	vices		\$3		\$
			16253-A400	1 C-S PAD Support		SLAC Lab	or		\$0	\$0	\$0
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			19775-A400			SLAC Lab	or		23	\$5	\$18
			17341-A400		nt	SLAC Lab			27	\$256	\$71
			17800-A400			SLAC Lab			\$1	\$1	(\$0
			18836-A400			Shop Ser			20	*	\$20
			18836-A400			SLAC Lab			\$9		\$9
			19733-A400		t	SLAC Lab			\$2	\$6	(\$4
			19734-A400			SLAC Lab			\$1	\$1	(\$0
			17439-A400			Shop Ser			26	\$1	\$25
			17439-A400	1 DET Department OIP Projects		SLAC Lab			578	\$68	\$10
								1	510	1096	\$414
									310	1050	741
i min	Review ASC First Projects	all	Coordinate/update	lab schedule.							
10 min	Any other busine ss										

Action items

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