# 2021-05-25 Detector Planning Meeting notes

### Attendees

- McKelvey, Mark EPhilip Hart
- Kazutaka Nakahara
- Conny Hansson
- Bhavna NayakChris Koerber

### Goals

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

### Discussion items

Time	Item	Who	Notes
10 min	Beamtime support update		<ul> <li>MEC ePix100 deploymntDAQ troublesstatus?</li> <li>XCS/MFX constants status (PH train Bhavna on processing CI data?)</li> <li>Ghost-less 10kSmall in CXIworking?</li> <li>Run 18 lessons learned reminderhold until next week when Conny returns.</li> <li>What worked well?</li> <li>What we can do better?</li> <li>What is the recurring issues needing attention?</li> <li>What is most needed to make your job easier?</li> <li>What do you wish people would know that would make your work smoother?</li> <li>What do you wish you knew that would make your work smoother?</li> </ul>

30 min	Priorities Review	AII	2021 events:
			Group priorities review:  Testing Run 'standad' cal on two 10k smalls with new firmware, log tracker. CompEnOn study durirng CXI checkout time? 111, 1a vs 19? Ray ePix100 detectos in ASC? Can we figure out what's wrong with ePix100/7? RIXS-CCD cooler test planning. Analysis Gather and process relevant commissioning data for Mp travellers on Confluence. Solid pedestals Noise map Response uniformity (mini-X cu-fluorescence) Bootstrap gain (sealed source) Linearity (signal injection)  Documentation Complete on-line travellers for Mp detectors
			<ul> <li>Development</li> <li>Lab 'commissioning'</li> <li>DAQ</li> <li>Storage nodes configured, put in use?</li> <li>LCLS I/II compatibility?</li> <li>Chase racks anchoredcables, water status?</li> <li>Vac chamber for in-lab tests? Compatible with XPP alcove?</li> </ul> Actions:

30 min	Status	LDAC Panel assembled						
		Coming up on self-assessment periodaiming for early salary adjustment period						
		KN:						
		<ul> <li>Jungfrau installed at XPP, geometry file missing</li> <li>Dan has fixed MFX DAQ, pedestals not applying properlytake peds scripts may need revision.</li> <li>Maciej has provided timing info for new 10ka firmware, needs more test.</li> <li>Spare JF Power supply received, need cold plate.</li> <li>UED MPOD?</li> </ul>						
		PH:						
		<ul> <li>Started processing CI on CompEn expnothing jumps out.</li> <li>MEC experiment on Thursday, detectors should be OK</li> </ul>						
		BN:						
		<ul> <li>Run cal on new ePix firmware.</li> <li>Grafana setup to alert Slack channel.</li> <li>Made updates to detector website, in work.</li> <li>Working with PH on porting PyRoot to Python.</li> </ul>						
		CK:						
		<ul> <li>Run 19 deployment schedule through July.</li> <li>Lesker chamber quote in work.</li> <li>Materials for chase cable trays.Ge chamber assembly</li> <li>Order/borrow Variac.</li> <li>XPP having trouble with pgp server that runs 2M.</li> </ul>						

5 min	Budget Update	mmck	M&S Status (Through March)								
								Values KCST		R	emaining
			PA Proj Act	-	PA Activity Desc	-	LSTM Desc 🏋		ACTU		Balance
			10918-A4001	_	DET Dist Exp Support		M&S	\$0		\$0	(\$0)
			16152-A4001		ePix Support		M&S	\$63		\$18	\$45
			16158-A4001		Other Detector Support		M&S	\$13		\$0	\$12
			16253-A4001		C-S PAD Support		M&S	\$6			\$6
			18303-A4001		Jungfrau Support		M&S	\$11			\$11
			16287-A4001		DET Department Management		M&S	\$11		\$6	\$6
			16826-A4001		DET Department Research		M&S	\$57		\$25	\$32
			16159-A4001		DET Dept Infrastruct & Dev		M&S	\$137		\$81	\$56
			17341-A4001		Detector Program Management		M&S	\$0	_	\$0	\$0
			17439-A4001		DET Department OIP Projects		M&S	\$40		\$40	\$0
								\$339k	\$170k	\$10	59k
			• 1 - 1		1 (December a steele)						
			• Labor sna	apsno	t (December actuals):			Val	ues		
								KCS	ST .		Remainin
			PA Proj	_Act	▼ PA Activity_Desc		▼ LSTM D	esc 🔻 BA	1.0	ACTUAL	S Balance
			10918-A	4001	DET Dist Exp Support		Shop Sei	vices	\$134		\$13
			10918-A	4001	DET Dist Exp Support		SLAC La	oor	\$19	\$3	\$1
			16152-A	4001	ePix Support		Shop Sei	vices	\$77		\$7
			16152-A	4001	ePix Support		SLAC La	oor		\$3	3 (\$
			16158-A	4001	Other Detector Support		Shop Sei	vices		\$12	(\$1
			16158-A	4001	Other Detector Support		SLAC La	oor	\$115	\$32	\$8
			18303-A	4001	Jungfrau Support		Shop Sei	vices	\$6		\$
			16287-A	4001	DET Department Manageme	nt	Shop Sei	vices	\$25		\$2
			16287-A	4001	DET Department Manageme	nt	SLAC La	oor	\$136	\$80	\$5
			16826-A	4001	DET Department Research		Shop Sei	vices	\$9		\$
			16826-A	4001	DET Department Research		SLAC La	oor	\$197	\$55	\$14
			16159-A	4001	DET Dept Infrastruct & Dev		Shop Sei	vices	\$63	\$55	5 \$
			16159-A	4001	DET Dept Infrastruct & Dev		SLAC La	oor	\$264	\$92	\$17
			19775-A	4001	Commissioning - DET		Shop Ser	vices			
			17341-4	4001	Detector Program Managem	ent			\$330	\$54	-
			17778-A		•		Shop Sei			\$8	
			19733-4		, ,					\$5	
			17439-4		•		Shop Sei		\$48		\$4
			17439-4	4001	DET Department OIP Project	S	SLAC La	oor	\$57	\$22	2 \$3
									1479	42	3 <b>\$1,05</b>
I5 min	Review ASC First	all	Coordinate/upo	late la	ab schedule.						
	Projects										
0 min	Any other business										

## Action items: