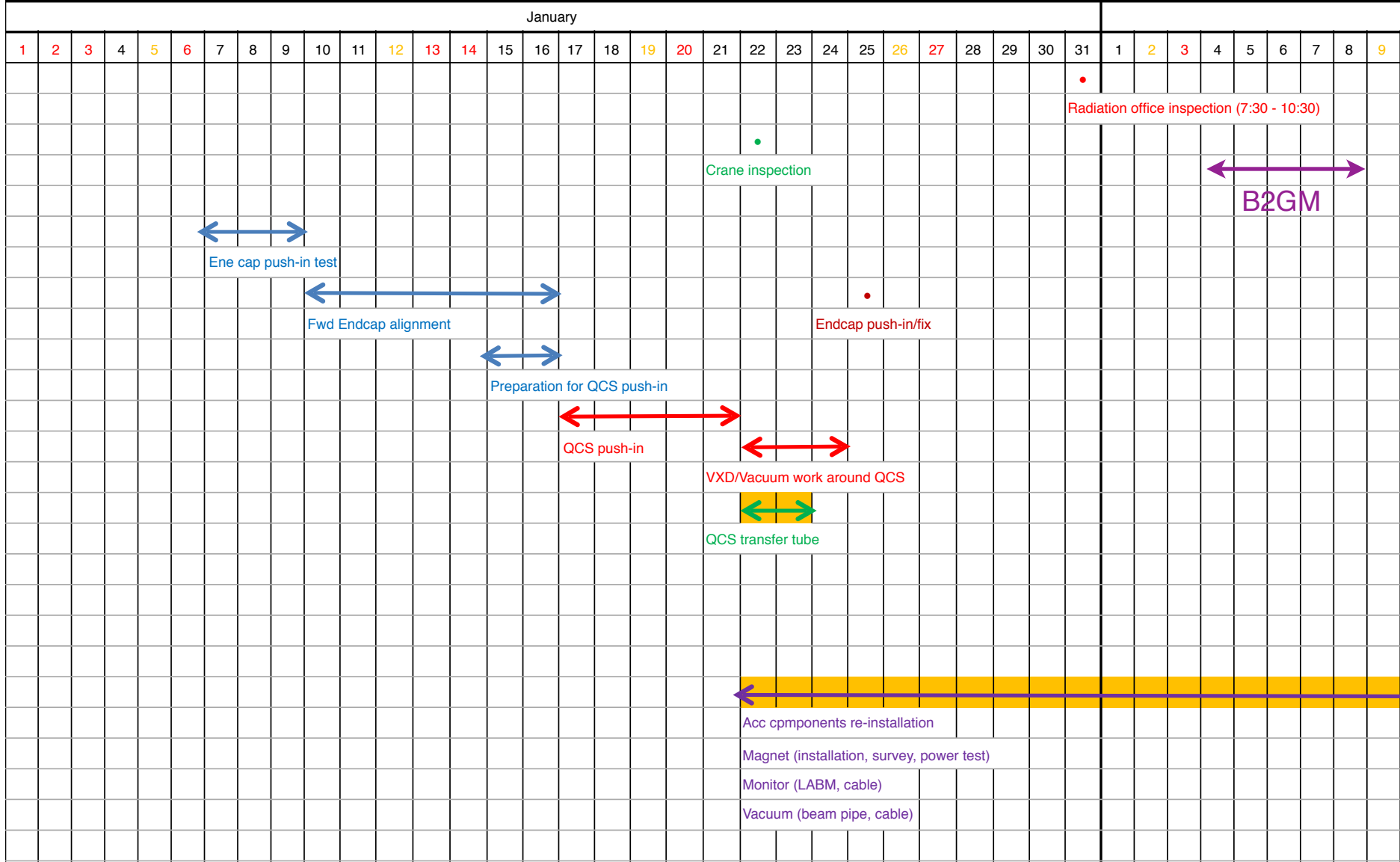


Extended PXD Meeting Introduction

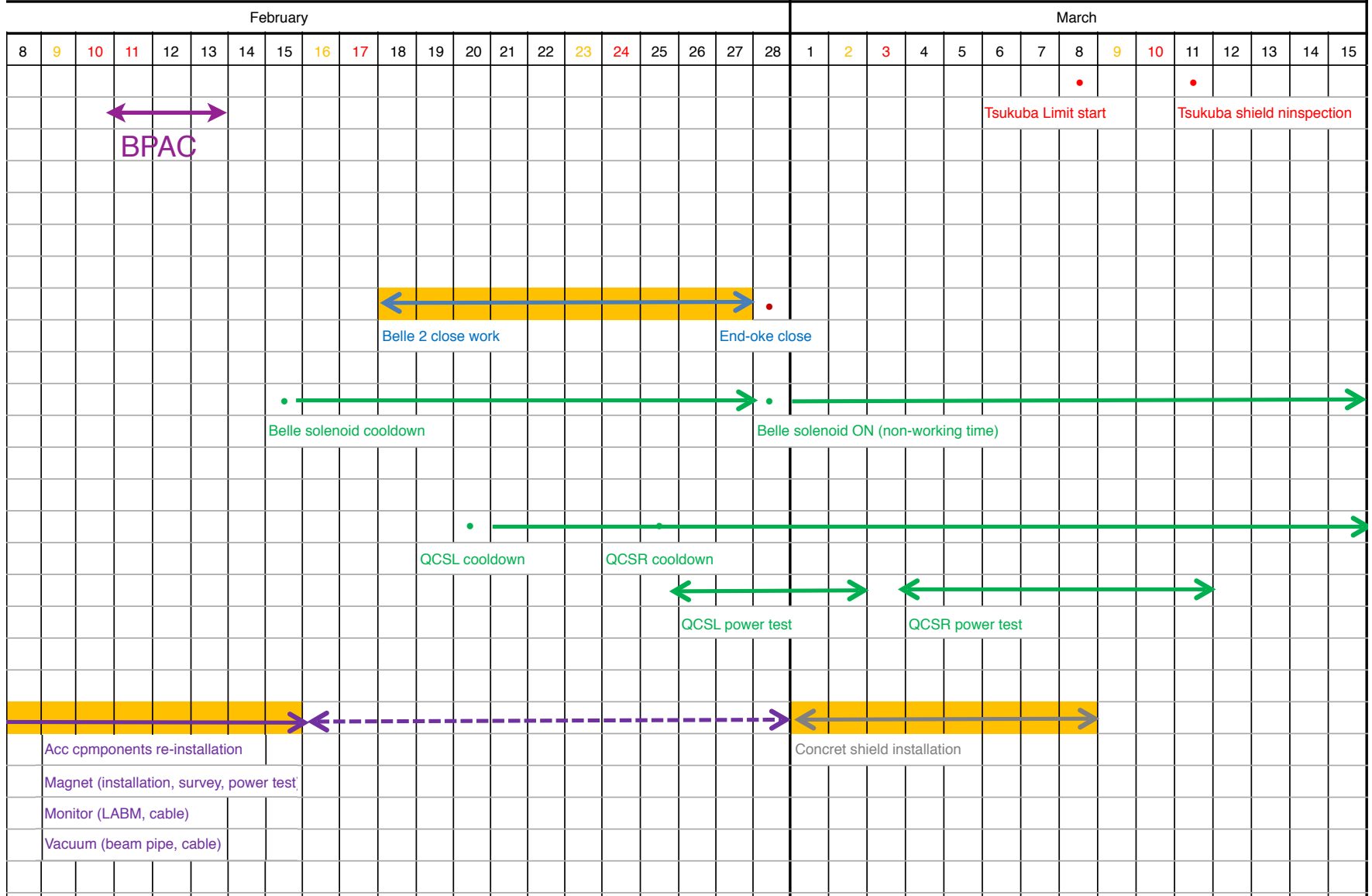
Installation Schedule

2018



Installation Schedule cont'd

8



Basic Plan (1)

- High stress test
 - Will increase a rate from 20 kHz
 - Depends on how stable for each sub-system FE
- Cosmic ray run
 - Will take more data (if PXD is fully integrated)
 - For alignment and trigger study
 - We are able to take cosmic ray trigger with high rate runs. Decision will be made in the daily run meeting.
- ARICH/FWD-ECL/BWD-ECL
 - Will join around the beginning of Feb.

DAQ Plan in January

1. Continue “high occupancy” test.
 - * ECL done
 - * TOP is being performed.
 - * CDC : 100% occupancy was tried, but “realistic” high occupancy has to be tested.
 - * Preparation required for other detectors
2. Inclusion of central HV control
 - * Basically ready. But need to contact each subdetector group.
 - * Will be tested in high rate/cosmic runs this week.
3. Preparation of various monitor, DB interface, etc.
 - * Run record web is not correctly working now.
 - * DQM subpanel seems not working....

.....

I. Adachi

- Dedicated time for local run data taking
 - All sub-systems take local run in the same time slot.
 - We will start testing this scheme from Feb. 18.
 - Each sub-system group should finish in 20 minutes.
 - Then go back into the global mode.
 - Please get ready. Time to be announced.
- Setting up important peripherals
 - GUI's
 - HV control
 - Trigger menu ready for starting up
 - DQM
 - Monitors on.
 - Difficult to check with CR
 - e-Log system
 - Basically working. Need to check details. Automatic filling ?

R. Itoh

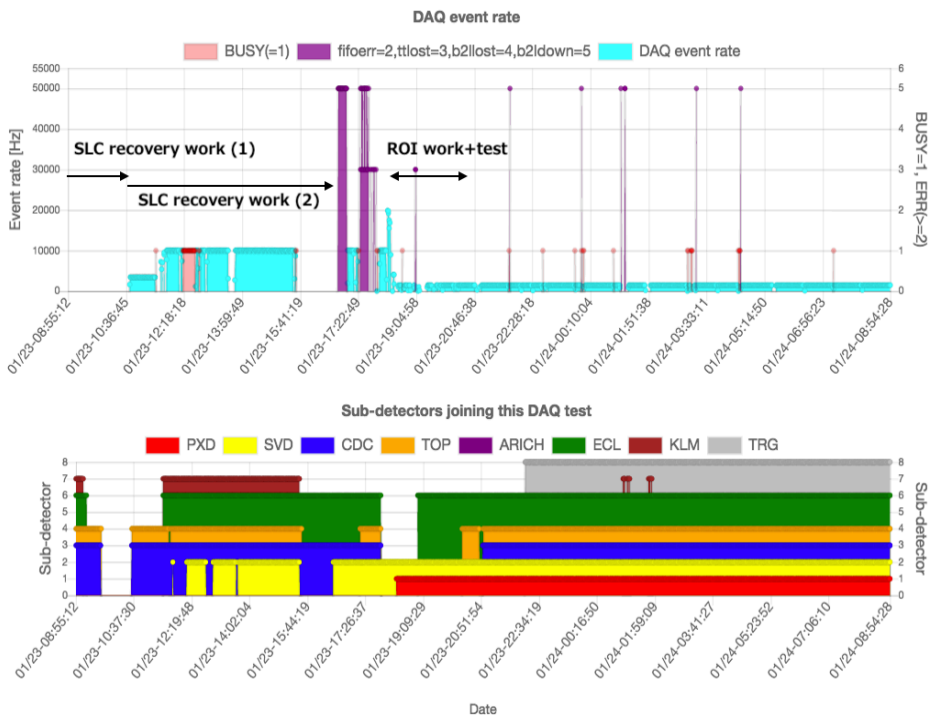
Request from H. Nakayama:

- prepare variables for background monitoring
- define PV's for upper limits

DAQ Integration

Livetime in 24hrs(rough estimation) = 71.3 %

Links : [last 7days all period VXD test](#)



RCControlMain.opi

RC Command	Run status	Run control	Trigger distribution	Data flow
STOP	Exp #: 5	RUNNING	RUNNING	RUNNING
ABORT	Run #: 527			

Run setting

Run type: null
 Trigger type: poisson
 Dummy rate: 2000
 HLT script: passthrough

Detector states (ABORT before you check or uncheck a subsystem)

<input checked="" type="checkbox"/> PXD	RUNNING	<input checked="" type="checkbox"/> TOP	RUNNING	<input type="checkbox"/> KLM	OFF
<input checked="" type="checkbox"/> SVD	RUNNING	<input type="checkbox"/> ARICH	OFF	<input type="checkbox"/> TRG	OFF
<input type="checkbox"/> CDC	OFF	<input checked="" type="checkbox"/> ECL	RUNNING	<input checked="" type="checkbox"/> HLT	RUNNING

Trigger / Data status

	Trig. input	Trig. output	HLT01	HLT02	HLT03	HLT04	HLT05
# events:	60841	44255	6234	8357	8411	8130	8074
Rate:	1.958 kHz	1.440 kHz	257.000 Hz	296.000 Hz	315.000 Hz	286.000 Hz	281.000 Hz

Recording at HLTs

	HLT01	HLT02	HLT03	HLT04	HLT05
# events:	6234	8357	8411	8130	8074
Rate:	257.000 Hz	296.000 Hz	315.000 Hz	286.000 Hz	281.000 Hz

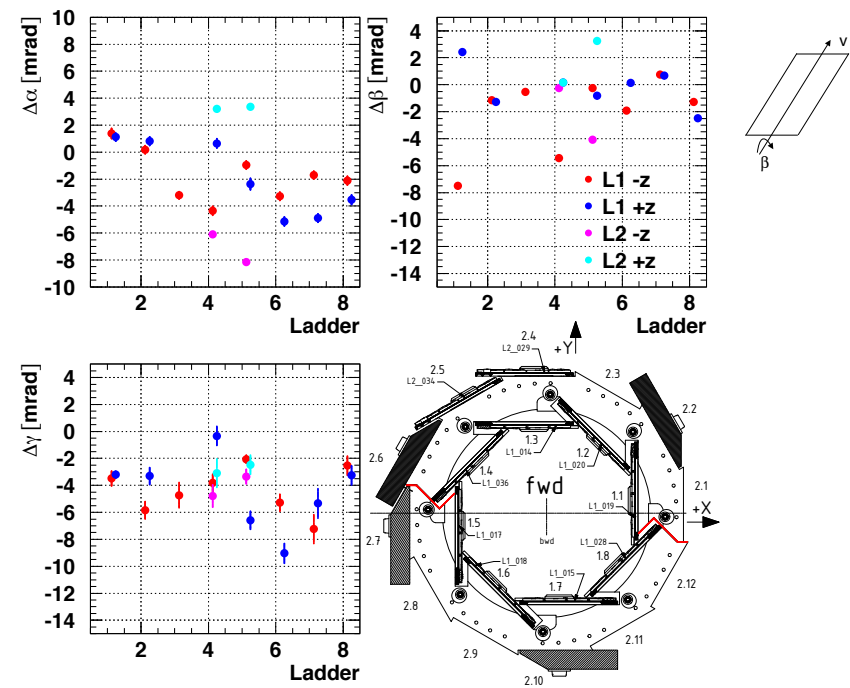
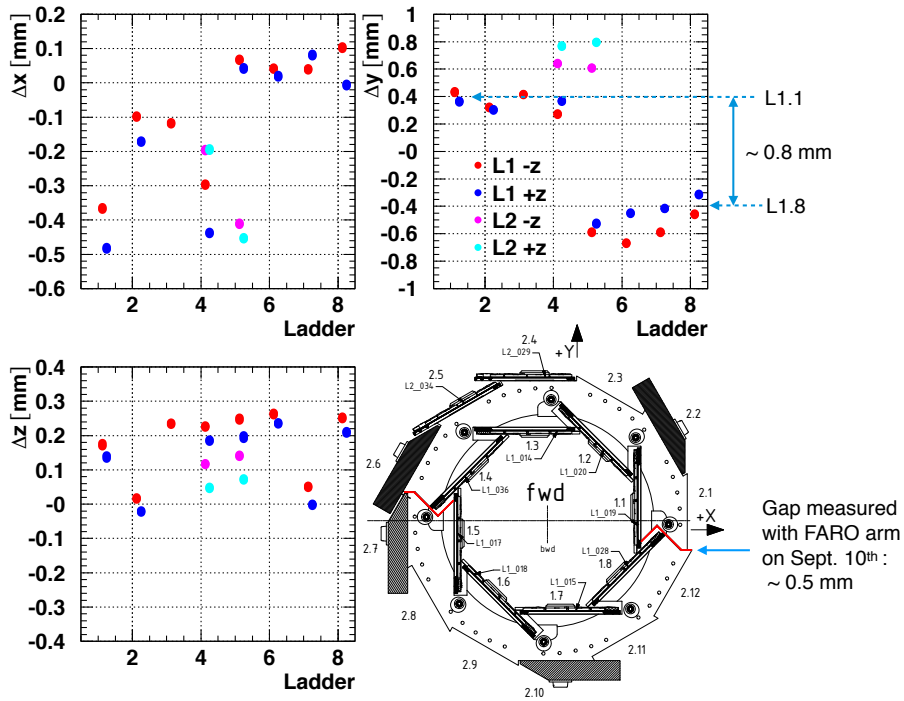
Sub-detector status grid:

- PXD** (Run #: 528): ER27X4, ER27X5, ER27X6, ER27X7, ER27X8, ER27X9, ER27X10, ER27X11, ER27X12, ER27X13, ER27X14, ER27X15, ER27X16, ER27X17, ER27X18, ER27X19, ER27X20, ER27X21, ER27X22, ER27X23, ER27X24, ER27X25, ER27X26, ER27X27, ER27X28, ER27X29, ER27X30, ER27X31, ER27X32, ER27X33, ER27X34, ER27X35, ER27X36, ER27X37, ER27X38, ER27X39, ER27X40, ER27X41, ER27X42, ER27X43, ER27X44, ER27X45, ER27X46, ER27X47, ER27X48, ER27X49, ER27X50, ER27X51, ER27X52, ER27X53, ER27X54, ER27X55, ER27X56, ER27X57, ER27X58, ER27X59, ER27X60, ER27X61, ER27X62, ER27X63, ER27X64, ER27X65, ER27X66, ER27X67, ER27X68, ER27X69, ER27X70, ER27X71, ER27X72, ER27X73, ER27X74, ER27X75, ER27X76, ER27X77, ER27X78, ER27X79, ER27X80, ER27X81, ER27X82, ER27X83, ER27X84, ER27X85, ER27X86, ER27X87, ER27X88, ER27X89, ER27X90, ER27X91, ER27X92, ER27X93, ER27X94, ER27X95, ER27X96, ER27X97, ER27X98, ER27X99, ER27X100.
- SVD** (Run #: 528): SV001, SV002, SV003, SV004, SV005, SV006, SV007, SV008, SV009, SV010, SV011, SV012, SV013, SV014, SV015, SV016, SV017, SV018, SV019, SV020, SV021, SV022, SV023, SV024, SV025, SV026, SV027, SV028, SV029, SV030, SV031, SV032, SV033, SV034, SV035, SV036, SV037, SV038, SV039, SV040, SV041, SV042, SV043, SV044, SV045, SV046, SV047, SV048, SV049, SV050, SV051, SV052, SV053, SV054, SV055, SV056, SV057, SV058, SV059, SV060, SV061, SV062, SV063, SV064, SV065, SV066, SV067, SV068, SV069, SV070, SV071, SV072, SV073, SV074, SV075, SV076, SV077, SV078, SV079, SV080, SV081, SV082, SV083, SV084, SV085, SV086, SV087, SV088, SV089, SV090, SV091, SV092, SV093, SV094, SV095, SV096, SV097, SV098, SV099, SV100.
- CDC** (Run #: 17): CDC01, CDC02, CDC03, CDC04, CDC05, CDC06, CDC07, CDC08, CDC09, CDC10, CDC11, CDC12, CDC13, CDC14, CDC15, CDC16, CDC17, CDC18, CDC19, CDC20, CDC21, CDC22, CDC23, CDC24, CDC25, CDC26, CDC27, CDC28, CDC29, CDC30, CDC31, CDC32, CDC33, CDC34, CDC35, CDC36, CDC37, CDC38, CDC39, CDC40, CDC41, CDC42, CDC43, CDC44, CDC45, CDC46, CDC47, CDC48, CDC49, CDC50, CDC51, CDC52, CDC53, CDC54, CDC55, CDC56, CDC57, CDC58, CDC59, CDC60, CDC61, CDC62, CDC63, CDC64, CDC65, CDC66, CDC67, CDC68, CDC69, CDC70, CDC71, CDC72, CDC73, CDC74, CDC75, CDC76, CDC77, CDC78, CDC79, CDC80, CDC81, CDC82, CDC83, CDC84, CDC85, CDC86, CDC87, CDC88, CDC89, CDC90, CDC91, CDC92, CDC93, CDC94, CDC95, CDC96, CDC97, CDC98, CDC99, CDC100.
- ARICH** (Run #: 1770): ARICH01, ARICH02, ARICH03, ARICH04, ARICH05, ARICH06, ARICH07, ARICH08, ARICH09, ARICH10, ARICH11, ARICH12, ARICH13, ARICH14, ARICH15, ARICH16, ARICH17, ARICH18, ARICH19, ARICH20, ARICH21, ARICH22, ARICH23, ARICH24, ARICH25, ARICH26, ARICH27, ARICH28, ARICH29, ARICH30, ARICH31, ARICH32, ARICH33, ARICH34, ARICH35, ARICH36, ARICH37, ARICH38, ARICH39, ARICH40, ARICH41, ARICH42, ARICH43, ARICH44, ARICH45, ARICH46, ARICH47, ARICH48, ARICH49, ARICH50, ARICH51, ARICH52, ARICH53, ARICH54, ARICH55, ARICH56, ARICH57, ARICH58, ARICH59, ARICH60, ARICH61, ARICH62, ARICH63, ARICH64, ARICH65, ARICH66, ARICH67, ARICH68, ARICH69, ARICH70, ARICH71, ARICH72, ARICH73, ARICH74, ARICH75, ARICH76, ARICH77, ARICH78, ARICH79, ARICH80, ARICH81, ARICH82, ARICH83, ARICH84, ARICH85, ARICH86, ARICH87, ARICH88, ARICH89, ARICH90, ARICH91, ARICH92, ARICH93, ARICH94, ARICH95, ARICH96, ARICH97, ARICH98, ARICH99, ARICH100.
- TOP** (Run #: 528): TOP01, TOP02, TOP03, TOP04, TOP05, TOP06, TOP07, TOP08, TOP09, TOP10, TOP11, TOP12, TOP13, TOP14, TOP15, TOP16, TOP17, TOP18, TOP19, TOP20, TOP21, TOP22, TOP23, TOP24, TOP25, TOP26, TOP27, TOP28, TOP29, TOP30, TOP31, TOP32, TOP33, TOP34, TOP35, TOP36, TOP37, TOP38, TOP39, TOP40, TOP41, TOP42, TOP43, TOP44, TOP45, TOP46, TOP47, TOP48, TOP49, TOP50, TOP51, TOP52, TOP53, TOP54, TOP55, TOP56, TOP57, TOP58, TOP59, TOP60, TOP61, TOP62, TOP63, TOP64, TOP65, TOP66, TOP67, TOP68, TOP69, TOP70, TOP71, TOP72, TOP73, TOP74, TOP75, TOP76, TOP77, TOP78, TOP79, TOP80, TOP81, TOP82, TOP83, TOP84, TOP85, TOP86, TOP87, TOP88, TOP89, TOP90, TOP91, TOP92, TOP93, TOP94, TOP95, TOP96, TOP97, TOP98, TOP99, TOP100.
- ECL** (Run #: 528): ECL01, ECL02, ECL03, ECL04, ECL05, ECL06, ECL07, ECL08, ECL09, ECL10, ECL11, ECL12, ECL13, ECL14, ECL15, ECL16, ECL17, ECL18, ECL19, ECL20, ECL21, ECL22, ECL23, ECL24, ECL25, ECL26, ECL27, ECL28, ECL29, ECL30, ECL31, ECL32, ECL33, ECL34, ECL35, ECL36, ECL37, ECL38, ECL39, ECL40, ECL41, ECL42, ECL43, ECL44, ECL45, ECL46, ECL47, ECL48, ECL49, ECL50, ECL51, ECL52, ECL53, ECL54, ECL55, ECL56, ECL57, ECL58, ECL59, ECL60, ECL61, ECL62, ECL63, ECL64, ECL65, ECL66, ECL67, ECL68, ECL69, ECL70, ECL71, ECL72, ECL73, ECL74, ECL75, ECL76, ECL77, ECL78, ECL79, ECL80, ECL81, ECL82, ECL83, ECL84, ECL85, ECL86, ECL87, ECL88, ECL89, ECL90, ECL91, ECL92, ECL93, ECL94, ECL95, ECL96, ECL97, ECL98, ECL99, ECL100.
- KLM** (Run #: 100): KLM01, KLM02, KLM03.
- TRG** (Run #: 70): TRG01, TRG02.
- HLT** (Run #: 528): STORE01, RC_HI001, RC_HI002, RC_HI003, RC_HI004, RC_HI005, RC_HI006, RC_HI007, RC_HI008, RC_HI009, RC_HI010, RC_HI011, RC_HI012, RC_HI013, RC_HI014, RC_HI015, RC_HI016, RC_HI017, RC_HI018, RC_HI019, RC_HI020, RC_HI021, RC_HI022, RC_HI023, RC_HI024, RC_HI025, RC_HI026, RC_HI027, RC_HI028, RC_HI029, RC_HI030, RC_HI031, RC_HI032, RC_HI033, RC_HI034, RC_HI035, RC_HI036, RC_HI037, RC_HI038, RC_HI039, RC_HI040, RC_HI041, RC_HI042, RC_HI043, RC_HI044, RC_HI045, RC_HI046, RC_HI047, RC_HI048, RC_HI049, RC_HI050, RC_HI051, RC_HI052, RC_HI053, RC_HI054, RC_HI055, RC_HI056, RC_HI057, RC_HI058, RC_HI059, RC_HI060, RC_HI061, RC_HI062, RC_HI063, RC_HI064, RC_HI065, RC_HI066, RC_HI067, RC_HI068, RC_HI069, RC_HI070, RC_HI071, RC_HI072, RC_HI073, RC_HI074, RC_HI075, RC_HI076, RC_HI077, RC_HI078, RC_HI079, RC_HI080, RC_HI081, RC_HI082, RC_HI083, RC_HI084, RC_HI085, RC_HI086, RC_HI087, RC_HI088, RC_HI089, RC_HI090, RC_HI091, RC_HI092, RC_HI093, RC_HI094, RC_HI095, RC_HI096, RC_HI097, RC_HI098, RC_HI099, RC_HI100.

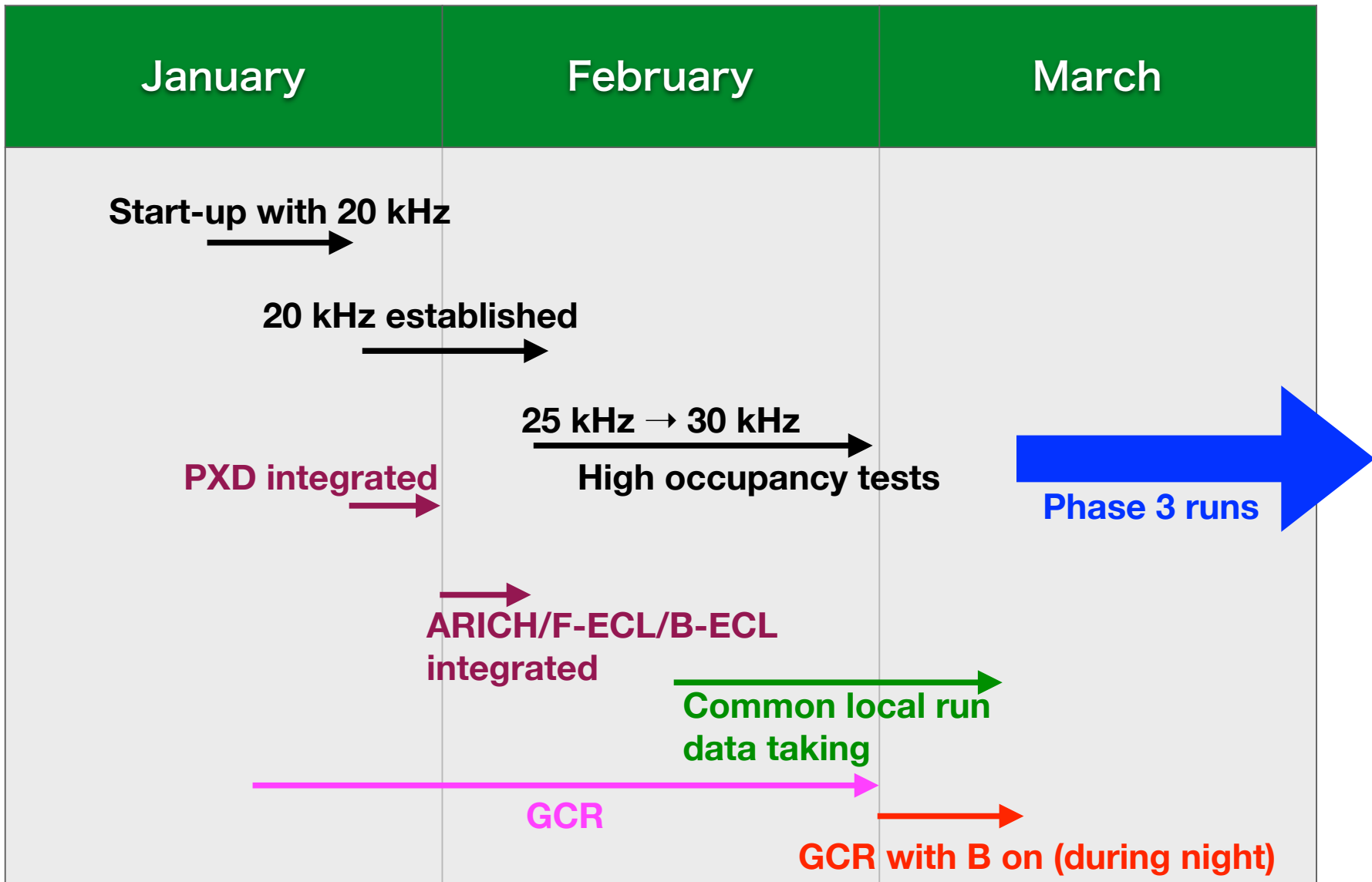
PXD Alignment

PXD Alignment Runs 170,174,190: 181214

PXD Alignment Runs 170,174,190: 181214



Plan toward Phase 3



Preliminary Feb B2GM Layout

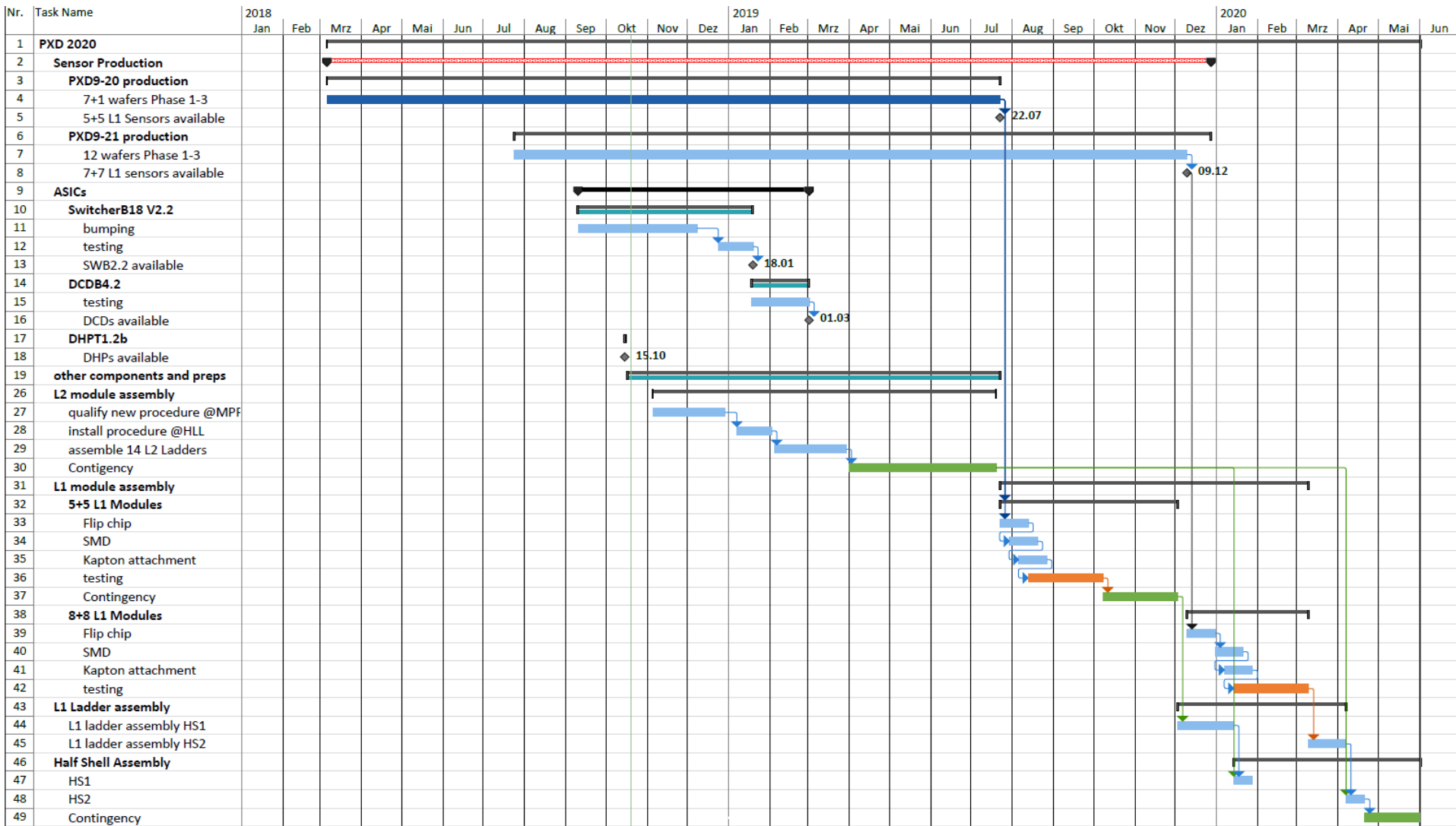
P.Krizan @ TB

After the discussion at the TB two weeks ago, I got several requests (Monday physics sessions only, add Friday afternoon to the collaboration meeting). Here comes my updated proposal.

- 1) Monday afternoon: Physics session (with as few as possible detector across-subsystems discussions)
- 2) Tuesday 900-1600: **subsystem** discussions
- 3) **Tuesday 1600-1800 : Detector/Physics performance meeting**
- 4) Wednesday full day: topical across-subsystems discussions (including a **phase 3 readiness summary session**), keeping more or less the structure we had up to now.
- 5) Thursday morning: Upgrade task force meeting, more of the topical across-subsystems discussions.
- 6) Plenary sessions: Thursday afternoon (+ TB meeting), Friday full day.

Final schedule will hopefully be circulated by tomorrow

PXD2020



Change of Responsibilities

- Stefan Rummel will leave LMU end of March
 - hand over responsibilities to Thomas Lück

- Benjamin Schwenker resigned from his task as PXD software coordinator
 - hand over to Maiko Takahashi

Many Thanks to Stefan and Benjamin!