

Planning technical commissioning (t-c) of SA2

- **Aim**
 - Continue CAS task of technical commissioning (VB,WE,CY) for SA2 – XTD6
- **Steps on the way to t-c of XTD6 are probably**
 - Working infrastructure needed = Racks (power and water), Networks (ITDM),
 - Working PLC loops in order: VAC, MOV1, MOV2, EPS...
 - t-c ready components: h/w devices, terminal crates, documentation, cables (AV)...
 - VAC: expect h/w to be installed 1st to MID then HED
 - MOV: expect beam transport mirrors, slits... and diagnostic components Imagers...
 - Leave complex 'never seen before' components, e.g. SDU, to later (2019?)
- **Differences w.r.t. previous t-c campaigns**
 - XTD6 is open for a long period which makes keeping focus difficult
 - Previous t-c had clear targets, e.g. 1st lasing or SA3 beam characterization readiness
 - Targets = Priorities = Focus
- **Conclusion (to-dos)**
 - During KW19 gather facts (what, when, who) from HS, JG, MD, PG, GW...
 - We need to define reasonable targets, e.g. 1st beam in XTD6..., and when these happen
 - The component – task / status table is shown in the next slide. Needs ~finalizing in KW19
 - Suspect need XTD6 open for > July to get to a sensible 1st target (August is holiday time too!)
- **Not to forget**
 - t-c of SA2 – XTD1 MID CRL
 - t-c of SA3 – XTD10 PBLMs, sMONO and SQS IMGES

4.5.2018 SA2-XTD6 task overview for t-c. (incomplete - to finalize KW19)

component	Z	owner	contact	lower priority	Status	when	what
Racks		ITDM			DONE		
Networks		PSPO			DONE		
SA2_BR_SYS/PLC/VAC		AE	AE				
SA2_BR_SYS/PLC/MOV1		AE	AE				
SA2_BR_SYS/PLC/MOV2		AE	AE				
SA2_BR_SYS/PLC/EPS		AE	AE				
SA2_BR_SYS/PLC/MID		AE	AE				
SA2_BR_SYS/PLC/HED		AE	AE	low			
SA2_XTD1_CRL		MID	J.Hallmann				ready for Beckhoff and Karabo local tests
SA2_XTD1_XGS600		vacuum	R.Villanueva		INPROGRESS		
SA2_EPS to MPS		PRC	H.Sinn				
SA2_XTD6_MIRR-1	2685		?				
SA2_XTD6_PBLM-1	2693		N.Gerasimova				
SA2_XTD6_MIRR-2	2697		?				
SA2_XTD6_MCP	2698		?				
SA2_XTD6_IMGPII45	2699		A.Koch				
SA2_XTD6_MONO	2700		?				
SA2_XTD6_PBLM-2	2782		N.Gerasimova				
SA2_XTD6_MIRR-3	2785		?				
SA2_XTD6_IMGPII45	2795		A.Koch				
MID_XTD6_PSLIT-1	3122		?				
MID_XTD6_IMGPII-1	3124		?				
MID_XTD6_ATT	3275		?				
MID_XTD6_PSLIT-2	3282		?				
MID_XTD6_IMGPII-2	3283		?				
MID_XTD6_PBLM	3302		N.Gerasimova				
MID_XTD6_MONO	3324		?				
MID_XTD6_CRL	3326		?				
MID_XTD6_IMGPI	3332		A.Koch				
HED_XTD6_PBLM	3223		N.Gerasimova				
HED_XTD6_MIRR	3231		?				
HED_XTD6_SDU	3236		?				
HED_XTD6_IMGPII-1	3240		?				
HED_XTD6_MONO	3248		?				
HED_XTD6_MONO	3251		?				
HED_XTD6_CRL	3252		?				
HED_XTD6_IMGPII-2	3253		?				
HED_XTD6_XGM	3261		T.Maltezopoulos				
HED_XTD6_IMGPI	3333		A.Koch				
SA2_XTD6_VAC		vacuum	M.Petrich			KW16	interlock tests