

# Stages

Definition of SA2 Tech. Coord. Stages (8.3.2018)							
Stage Name	Target Date	Karabo controlled components	None controlled component state	Beam stop	PLC loops required	MTCA crates required	DAQ required
SA2 lasing in XTD1 and XS2 (LASING_XTD1)	01.05.2018 (HS)	VS20010 thru VS20070 SA2_XTD1_FLT (aka Filterbox) SA2_XTD1_PSLIT (aka SRA) SA2_XTD1_KMONO SA2_XTD1_IMGSR SA2_XTD1_IMGFEL SA2_XTD1_XGM SA2_XTD1_ATT	SA2_XTD1_CRL (out)	Shutter in XS2	required in order: VAC (R2.1 thru R2.5) XGM (R2.2) MOV1 (R2.1 thru 2.5)  if possible: EPS (R2.1 thru 2.5)	sa2-xttd1-sys-utc-r21 (TIMING)	KMONO IMGFEL ?more?
SA2 lasing in XTD6 (LASING_XTD6)	?	?	?	?	?	?	?
SA2 Photon commissioning	?	?	?	?	?	?	?
SA2 technical commissioning complete	?	?	?	?	?	?	?

Tech. Coord. Schedule for LASING_XTD1 (8.3.2018)					<b>Author:</b> Period 1 access time was not as planned - see last slide for comment	<b>Author:</b> Period 2 access dates now uncertain - see last slide for comment
<b>Access (LASING_XTD1)</b>						
XTD1 access period 1				until 12.3.2018	KW9, KW10 and 1 day in KW11	
XTD1 access period 2				3.4.2018 - 19.4.2018	KW14, KW15 and KW15	
<b>Preliminary schedule and status:</b>		<b>aim</b>	<b>status</b>	<b>calendar week</b>	<b>task to do</b>	<b>comment</b>
Network and server installations	ITDM	required	DONE	KW9	CONTROL and DAQ networks, loop connections	
Control names in master equipment list	CAS	required	DONE	KW9	defines control devices	
SA2 control server Karabo 2.2.2 installation	CAS	required	DONE	KW9	control system Karabo s/w installation	2.2.1 on SA1 and SA3
MTCA system sa2-xtD1-sys-utc-r21	AE	required	DONE	KW10	TIMING distribution signals	
PLC loop vac	AE	required	DONE	KW10	initial f/w installation	initial f/w running and interlock tested
PLC loop xgm	AE	required	DONE	KW10	initial f/w installation	initial f/w running and interlock tested
PLC loop mov1	AE	required	INPROGRESS	KW14	initial f/w installation	needed for motors, etc.
PLC loop eps	AE	if possible		KW16	initial f/w installation	
Vacuum section VS20010	Vacuum	required	NEXT	KW11+	vacuum section Karabo integration	MDL and scenes
Vacuum section VS20020	Vacuum	required	NEXT	KW11+	vacuum section Karabo integration	MDL and scenes
Vacuum section VS20030	Vacuum	required	NEXT	KW11+	vacuum section Karabo integration	MDL and scenes
Vacuum section VS20040	Vacuum	required	NEXT	KW11+	vacuum system Karabo integration	MDL and scenes
Vacuum section VS20050	Vacuum	required	NEXT	KW11+	vacuum system Karabo integration	MDL and scenes
Vacuum section VS20060	Vacuum	required	NEXT	KW11+	vacuum system Karabo integration	MDL and scenes
Vacuum section VS20070	Vacuum	required	NEXT	KW11+	vacuum system Karabo integration	MDL and scenes
Component SA2_XTD1_FLT (aka Filterbox)	WP74	required		KW14	component Karabo and integration	Devices, MDL and scenes
Component SA2_XTD1_PSLIT (aka SRA)	WP73	required		KW15	component Karabo integration	Devices, MDL and scenes
Component SA2_XTD1_KMONO	WP74	required		KW14	component Karabo and DAQ integration	Devices, MDL and scenes
Component SA2_XTD1_IMGSR	WP74	required		KW14	component Karabo and DAQ integration	Devices, MDL and scenes
Component SA2_XTD1_IMGFEL	WP74	required		KW14	component Karabo and DAQ integration	Devices, MDL and scenes
Component SA2_XTD1_XGM	WP74	required	NEXT	KW11+	component Karabo and Doocs integration	Devices, MDL and scenes
Component SA2_XTD1_ATT	WP73	required		KW15	component Karabo integration	Devices, MDL and scenes

## We lost 2 days of period 1 access

- Criticism
  - A 2 day loss (it could have been more) 2 days out is unacceptable !
  - A few hours loss 2 days out may be OK
- Improve transparency
  - Is this the place to define access (who does what when) schedule ?
  - Where is the schedule checkable (please, a simple table) ?
  - On schedule actors need to be informed directly of changes (and be able to complain)
  - People representing the actors must be robust in their actions w.r.t others (DESY)
- Improve efficiency
  - Plan in full days (stopping early wastes time, evenings eases unexpected problem handling...)
  - Avoid interest conflicts. Photon coordinators are not access coordinators
  - There should be a single point of contact, i.e. an access coordinator (schedule owner)
- Negative side of current setup
  - Increased stress and load on overworked employees (aside: light levels in XTD1 border line)
  - Coordinator authority undermined as company does not robustly defend their requirements
  - A no trust mentality sets in as company structure fail to do the job
- NOW WHAT ARE THE DATES OF PERIOD 2 ? – I have no idea !!