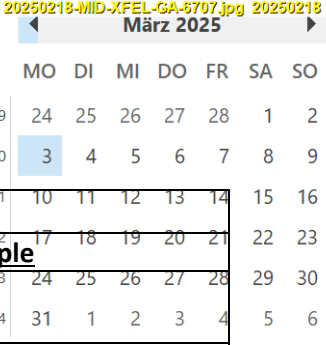
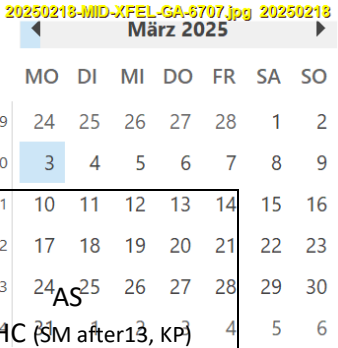


Exp. 8776 LTP VAREX (Keen) V3

Day	Tasks	People
Tu. 25.2.	• User experiment ends 7:00	UB, JEP, Users
	• Vent MPC ✓	
	• Warm-up and vent AGIPD ✓	
	• Vent MDS + pipe assembly from AGIPD to DES ✓	
	• Pre-assemble Exp8776 R+K assembly-✓	
	• Install new components on VAREX fixture-✓	
	• Pre-install VAREX fixture on RK assembly-✓	
	• Manufacture Exp8776 components-✓	LZ
	• Drive AGIPD upstream (around 8.30-9.00) 1) ✓	GA, LO, AS, HC (SM, KP)
	• Disconnect Mewasa bellow from MPC ✓	
	• Remove the Grisenti Exp. pipe assembly right downstr. the AGIPD in order to leave room for fTFT installation (bellow, DN100 pipe, 3 holders) ✓	LZ
	• Drive AGIPD downstream (ca. 10.00) [1] ✓	Users (UB, JEP)
	• Remove the Cryostat nozzle (USERS) ✓	Users (HC, LO, UB)
	• Disconnect and remove the previous gas panel ✓	GA, LO, HC (SM, KP)
	• Restore the XSIS hard stops ✓	
	• Install Front TFT supports ✓	GA, LO, HC (SM, KP)
	• Install Front TFT-✓	GA, LO, HC (SM, KP)
	• **Issue (unexpected): mis-gearing of rack-pignon of south Beckhoff motor:** - disconnect the MDS from DES (need to access the south Beckhoff motor) ✓ - bring LDM to WAXS ✓ - repair mis-gearing ✓	GA, LO, HC (SM, KP) GA, LO, HC (SM, KP) GA, LO, HC (SM, KP) GA, LO, AS
	• Connect Front TFT to AGIPD ✓	GA, HC, AS, LO
	• Remove GV500 ✓	GA, HC, AS, LO
	• MDS+MDS_2 must stay on LDM for JM exp. on 04.3 night (see below) (but now in WAXS see above): The MDS_2 pipe assembly in front of MDS can stay: MDS_2-DN250 MC (Movable Chamber) + MDS_2-DN250 PA (port aligner and DN250CF-ISO-K adapter), DN250-DN200 ISO-K reducer, DN200-DN100 reducer	
	• Remove the Cryostat ✓	James
	• Jet:	
	○ Remove Laser pocket flange & laser ✓	LO, HC
	○ Remove Pocket flange camera ✓	TA
We. 26.2 2)	• Remove cameras on viewport of the lid	LO, HC
	• Jet	
	○ Remove Catcher flange ✓	LO, AS, HC
	○ Remove heater adapter	

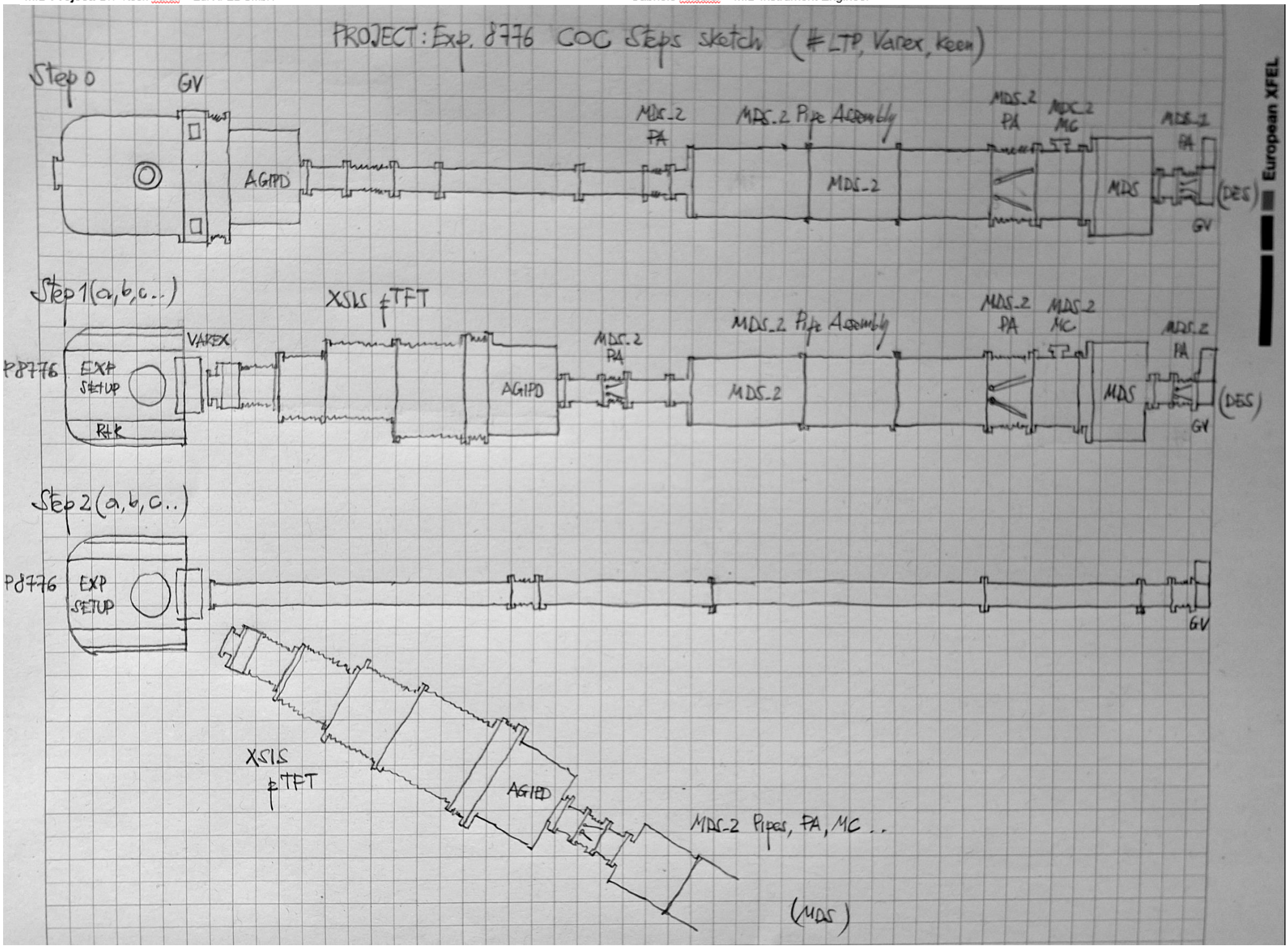


	○ Re-locate Jet tower on hexapod plate • Disconnect all feedthroughs from MPC • Remove the LJ setup (on the side) ✓ • Remove MPC Lid • Install R+K setup on MPC • Remove all unnecessary cables (network ..) • bring LDM to SAXS and connect • Jet ○ remove cabling ○ remove Catcher ✓ ○ remove calibration samples & wire ○	AS GA, HC (SM after13, KP) GA, HC (SM after13, KP) TA UB, JM, AS
Th. 27.2. 2)	• Install Exp8776 Setup on hexapode • Install Exp8776 R+K assembly + VAREX fixture on MPC • Install VAREX	GA, HC (SM after13, KP) GA, HC (SM after13, KP) GA, HC (SM after13, KP) UB, GA, AS
Fr. 28.2. 3)	• Buffer	
Sa. 01.3.		
Su. 02.3.		
Mo. 03.3. 2)	• Pump fTFT+AGIPD (and cool down AGIPD?) • Laser alignment nm incoupling, no NAFO	JEP
Tu. 04.3.	• Diam window on the LIC • Laser alignment • MDS+MDS_2 must stay on LDM for JM exp. on 04.3 night in SAXS:	GA, LO, HK JEP
We. 05.3.	• Remove pipe assy + PA between the MDS and DES • Cables of MDS to be powered down • LDM arm to WAXS • No need Remove MDS pipes MDS from LDM • No need Remove MDS_2 pipes supports • No need Disconnect JF in MDS and all cables	GA, LO, HK, AS BB
Thu. 06.3.	• Install transfer pipe • Install diam window on transfer pipe • Connect transfer pipe to DES	GA, LO, AS, HK,
Fri. 07.3.	• Testing the liquid jet	
Sa. 08.3.	•	
Su. 09.3.	•	
Mo. 10.3.	• Buffer	
Tu. 11.3.	• Everything ready for taking beam	
Wed.12.3. Thu. 13.3.	• Beam starts • Experiment Comm / beam delivery	
Fri. 14.3. Mo. 17.3.	• Experiment / beam delivery	
	•	
	•	
	•	

[1] BB not available until Thu

[2] LO not available

[3] LO, UB, GA not available


PROJECT: Exp. 8776 COC Steps sketch (#_LTP, Varex, Keen)
Step 0
GV
AGIPD
MDS_2 PA
MDS_2 Pipe Assembly
MDS_2
MDS_2 PA
MDS_2 MC
MDS
MDS_2 PA
(DES)
GV
Step 1 (a, b, c..)
XSIS + TFT
VAREX
P8776
EXP SETUP
RLK
AGIPD
MDS_2 PA
MDS_2 Pipe Assembly
MDS_2
MDS_2 PA
MDS_2 MC
MDS
MDS_2 PA
(DES)
GV
Step 2 (a, b, c..)
P8776
EXP SETUP
GV
XSIS + TFT
AGIPD
MDS_2 Pipes, PA, MC ..
(MDS)
European XFEL