		Date		Subject	Measurement	Duration	Responsible	Column Density (%)	Gas composition	Remarks
	Monday Tuesday	18.02.2019 19.02.2019			Influence of Baffle temperature on Background			0		in parallel:
CW8	Wednesday Thursday	20.02.2019 21.02.2019			EMCS/LFCS optimization and MobSus / PrecMag commissioning		J. Behrens	0		E-Gun commissioning - part 1 FBM bake out
	Friday	22.02.2019			Ramping up all magnets to 70%			0		1 DAY BUILD OUT
	Saturday	23.02.2019		Alignment	EMCS/LFCS optimization	2 d	J. Behrens	0		
	Sunday Monday	24.02.2019 25.02.2019		0	E-gun commissioning - part 2					Open V4
	Tuesday Wednesday	26.02.2019 27.02.2019		E-Gun	Finding e-gun beam Optimization of cound rate (LDLS / Laser)	4 d	J. Behrens	0		E-Gun program partially with PS
CW 9	Thursday	28.02.2019	-	lee-	Determine zero angle	4 h	M. Schlösser			RW UV-Illumination always on, ca
	Friday	01.03.2019	day night	E-Loss	Test of detection equipment Reference E-Loss measurement	12 h	L. Schimpf	0		shadowed mechanically
	Saturday Sunday	02.03.2019 03.03.2019		RW WF Background	RearWall Work Function with Fowler-scan Background reference	12 h 12 h	R. Sack F. Fränkle	0		
				Ions	Ramping CD from 0,1% to 5 % PS cone and ICE measurements	1h	M. Schlösser	5		Stepwise ramping
	Monday	04.03.2019	day	lone	Insitu WorkFunction Neutralisation test (befor Background)	6h 0,5 h	M. Schlosser	5	T2 T2	
			night	Background	Background V4 closed Neutralisation test (after Background)	10 h	F. Fränkle M. Schlösser	5	T2 T2	
	Tuesday	05.03.2019	day	Penning Trap	Investigation of Penning Trap PS-MS	4 h	F. Fränkle	5	T2	
				CD Alignment	Column Density at 5% First Test of EMCS setting with e-gun	1 h 0,5 h	A. Marsteller J. Behrens	5	T2 T2	
				Beta Scan	Neutralisation test Beta Scan for KIT review	0,5 h	M. Schlösser M. Schlösser	5 5	T2 T2	
				Beta Scan	Repeat Beta scan for KIT review and analysis learning process	4,5 h	F. Fränkle	5	T2	Stepwise ramping
			day	lons CD	Neutralisation test (befor Background) Column Density at 5%	1 h 1,5 h	M. Schlösser A. Marsteller	5	T2 T2	
	Wednesday	06.03.2019		HV-Ripple	Test HV-Ripple	15 min	F. Fränkle	5	T2	
			night	Beta Scan	Repeat Beta scan for KIT review and analysis learning process Neutralisation test (after Background)	10 h	F. Fränkle M. Schlösser	5	T2 T2	
W 10					Ramping CD from 5 % to 15 %	0,5 h		15	T2	
	Thursday	07.03.2019	day	lons	PS cone and ICE measurements Insitu WorkFunction	5 h	M. Schlösser	15	T2	
		07.03.2019			KIT review (2pm MS-HV down -> 17:30) Beta "scan" with PS& e-gun stability	2 h	all	15 15	T2 T2	
			nieht	lons Background	Neutralisation test (befor Background)	0,5 h	M. Schlösser	15	T2	
			night	Background Ions	Background V4 closed Neutralisation test (after Background)	10 h 0,5 h	F. Fränkle M. Schlösser	15	T2 T2	
	Friday	08.03.2019	day	Penning Trap Plasma	Investigation of Penning Trap PS-MS PRO-Katrin	4 h 3,5 h	F. Fränkle M. Schlösser	15 15	T2 T2	
				CD lons	Column Density at 15% Neutralisation test (after Background)	1,5 h 0,5 h	A. Marsteller M. Schlösser	15 15	T2 T2	
	Caternata	00.02.20.2	night day	E-Loss	E-Loss with Laser (ToF) and LDLS (integral)	36 h	L. Schimpf	15	T2 T2	
	Saturday	09.03.2019	night			1h		50	T2	Stanuira ramaina
	Sum't-	10.02.20	day	lons	Ramping CD from 15 % to 50 % PS cone and ICE measurements	1 h 6 h	M. Schlösser	50	T2 T2	Stepwise ramping
	Sunday	10.03.2019		Ions	Insitu WorkFunction Neutralisation test (befor Background)	0,5 h		50	T2	
			night	Background Ions	Background V4 closed Neutralisation test (after Background)	12 h 0,5 h	F. Fränkle M. Schlösser	50	T2	
	Monday	11.03.2019	day	Penning Trap	Investigation of Penning Trap PS-MS Column Density at 50 %	4 h	F. Fränkle A. Mersteller	50 50	T2 T2	
				Plasma	PRO-Katrin	5 h	M. Schlösser	50	T2	
			night	E-Loss CD	E-Loss with Laser (integral) Column Density at 50 %	12 h	L. Schimpf A. Marsteller	50 50	T2 T2	
	Tuesday	12.03.2019	night	Plasma E-Loss	PRO-Katrin E-Loss with LDLS (ToF)	10 h	M. Schlösser L. Schimpf	50 50	T2 T2	
				CD Ions	Column Density at 50 % Neutralisation test	1 h 0,75 h	A. Marsteller	50 50	T2 T2	
					Ramping CD from 50 % to 100 % (10% steps) PS cone and ICE measurements	2 h				
	Wednesday	13.03.2019	day	lons	Insitu WorkFunction-Plasma scan	6 h	M. Schlösser	100	T2	
W 11				Ions	Beamline T2 density with DPS monopoles Optimisation of ring electrodes	1 h		100	T2	
			night	Beta Scan	Neutralisation test (befor Background) Beta scan combined with background V4 open	0,5 h 12 h	F. Fränkle	100 100	T2 T2	
			4	Ions Penning Trap	Neutralisation test (after Background) Investigation of Penning Trap PS MS	0,5 h	M. Schlösser F. Fränkle	100 100	T2 T2	
	Thursday	14.03.2019	day	CD Plasma	Column Bensity PRO-Katrin	1 h 3 h	A. Mersteller M. Schlösser	100 100	#2 T2	
			night	Background	E-Loss with Laser (ToF) / Background Investigation / Diagnostic of injection blocking	10 h	L. Schimpf M. Sturm	100	T2 T2	
			day	lons	Investigation of DPS el. Dipoles (T2 density in DPS)	2 h	M. Schlösser	100	T2	
			night	E-Loss	E-Loss with LDLS (integral)	8 h 12 h	M. Schlösser L. Schimpf	100 100	12 12	
	Saturday	16.03.2019		Plasma Background	PRO Katrin Beta scan (1h) / Background / penning Wiper / at nominal PS voltage	24 h	F. Fränkle	100	T2	
	Sunday	17.03.2019		GB Background	Column Density stability Beta scan (1h) / Background / penning Wiper / at nominal PS voltage	24 h	F. Fränkle	100	T2	
			day	lons Plasma	Neutralisation test and entying traps Investigation of description rate with UV-Illuminsation on RW and without	1 h	M. Schlösser M. Schlösser	100	T2	
	Monday	18.03.2019		Sterile	Sterile neutrino investigations	211	A. Huber	0 - 0,1	T2	
		19.03.2019	night	Alignment	Mapping RW on FPD		M. Schlösser	0	-	
	Tuesday		day	RW	First Test of WGTS mag. Dipole control via ORCA Investigation of desorption rate with UV-Illuminsation on RW and without		C. Rodenbeck M. Schlösser	0	-	
			dou	Background	Background Ramping down WGTS/RS Magnets and warming Up WGTS Beamtube to 100K		F. Fränkle A. Jansen	0	-	
	Wednesday		day	Background	Investigation of PS HV issues SDS background		F. Fränkle F. Fränkle	0	-	
V 12		21.03.2019	day		SUS Background Ramping up WGTS/RS magnets Calibration of PS HV		W. Gil F. Fränkle	0	-	
	Thursday			Part	FPD calibration		F. Fränkle	0	-	
	esa.	22.07.77	night	RW 	Investigating RW-Desorption Purging injection capillary at 90K		M. Schlösser M. Sturm	100	 T2	
	Friday	22.03.2019	night	RW Background	Test of RW insitu WF measurement SDS background		M. Aker F. Fränkle	100 100	T2 T2	V4 closed
	Saturday	23.03.2019	day							
	Cum't-	24 02 20:3	night day	Background	SDS background		F. Fränkle	100	T2	V4 closed
	Sunday	24.03.2019	night day		Cooling down WGTS to 30K		A. Jansen	5	T2	V4 closed
	Monday	25.03.2019	night	Background	Background Stabilisation of WGTS Beamtube temperature		F. Fränkle A. Jansen	5	T2 T2	v closed
				-	Archive Database SDS	1 h	IPE W. Gil	5	T2 T2	
			de	Alignment	Ramping RS Magnet to 57A RW-Alignment		W. Gil M. Schlösser	0	T2 T2	
	Tuesday	26.03.2019	day	-	Ramping DPS Magnet to 4.0T WGTS PTS00 calibration	4 h	A. Jansen			
				Ramping Ions	Ramping CD from 0 % to 5 % Neutralisation test		M. Sturm M. Schlösser	5	T2 T2	
			night	E-Loss E-Loss	E-Loss with Laser (ToF) E-Loss with Laser (ToF)	-	L. Schimpf L. Schimpf	5	T2 T2	
			6	Background CD	Background Column Density	12 h	F. Fränkle T. Lasserre	5	T2 T2	
	Wednesday	27.03.2019	day	 E-Loss	WGTS PTSO0 calibration E-Loss with Laser (ToF)	2 h 10 h	A. Jansen L. Schimpf	5	T2 T2	
CW 13			night	E-Loss E-Loss Ramping	E-Loss with Laser (ToF)	10 h 12 h	L. Schimpf M. Sturm	5 25	T2 T2	
13	Thursday		.2019 day	FBM	Ramping CD from 5 % to 25 % FBM Investigations	2 h	E. Ellinger	25	T2	
13		28.03.2019		lons	Neutralisation test PS cone and ICE measurements	1 h 2 h	M. Schlösser M. Schlösser	25 25	T2 T2	
113				Plasma CD	PRO-KATRIN Column Density	4 h 2 h	M. Schlösser A. Marsteller	25 25	T2 T2	
13				Background CD	Background Column Density	12 h	F. Fränkle A. Marsteller	25 25	T2 T2	
13			day	FBM Beta Scan	FBM Investigations (report needed) Beta Scan	0,5 h 12 h	E. Ellinger T. Lasserre	25 25	T2 T2	
13	Friday	29.03.2019		Beta Scan	Beta Scan	12 h	T. Lasserre	25	T2	
15			night	Beta Scan	Beta Scan Beta Scan	12 h 12 h	T. Lasserre T. Lasserre	25 25	T2 T2	
15	Friday Saturday	29.03.2019	day night	Beta Scan		12 h	T. Lasserre	25	T2	
			day night day night	Beta Scan Beta Scan Beta Scan	Beta Scan Beta Scan	12 h	T. Lasserre	25	T2	
15	Saturday	30.03.2019	day night day night day	Beta Scan Beta Scan Beta Scan Plasma	Beta Scan RW-Voltage with Cermax		T. Lasserre T. Lasserre L. Schimpf	25 25 25	T2 T2 T2	
	Saturday Sunday	30.03.2019	day night day night day night	Beta Scan Beta Scan Beta Scan Plasma E-Loss CD	Beta Scan RW-Voltage with Cermax E-Loss with Laser (integral) Column Density	12 h 12 h 12 h 12 h	T. Lasserre T. Lasserre L. Schimpf A. Marsteller	25 25 25 25 25	T2 T2 T2 T2	
-	Saturday Sunday	30.03.2019	day night day night day	Beta Scan Beta Scan Beta Scan Plasma E-Loss CD Ions HV	Bets Scan RW-Voltage with Cermax F-toss with Later (integral) Column Density Clear Penning Traps Low Voltage colization	12 h 12 h 12 h 1,5 h 0,5 h	T. Lasserre T. Lasserre L. Schimpf A. Marsteller M. Schlösser C. Rodenbeck	25 25 25 25 25 25 25	T2 T2 T2 T2 T2 T2	
13	Saturday Sunday Monday	30.03.2019 31.03.2019 01.04.2019	day night day night day night day night day	Beta Scan Beta Scan Plasma E-Loss C-D Ions HV Beta Scan E-Loss E-Loss	Rest Scan RW-Voltage with Cermax E-toss with Laser (integral) Column Density Clear Penning Traps Low Voltage collaration Rest-Scene E-toss with Laser (ToF)	12 h 12 h 12 h 1,5 h 0,5 h 0,5 h 12 h 12 h	T. Lasserre T. Lasserre L. Schimpf A. Marsteller M. Schlösser C. Rodenbeck T. Lasserre L. Schimpf	25 25 25 25 25 25 25 25 25 25 25	T2 T	
114	Saturday Sunday Monday	30.03.2019 31.03.2019 01.04.2019	day night day night day night day night day	Beta Scan Beta Scan Plasma E-Loss CD Ions HV Beta Scan	Bets Scan RW-Voltage with Cerman E-Loss with Laser (integral) Column Density Clear Penning Traps Low Voltage celluration Rense Scene	12 h 12 h 12 h 1,5 h 0,5 h 12 h	T. Lasserre T. Lasserre L. Schimpf A. Marsteller M. Schlösser C. Rodenbeck T. Lasserre	25 25 25 25 25 25 25 25 25	T2	

	Friday	05.04.2019	day	HV Beta Scan	Low Voltage calibration Beta Scan	0,5 h 12 h	C. Rodenbeck T. Lasserre	25 25	T2 T2	
	Saturday	06.04.2019	night	Beta Scan Beta Scan	Beta Scan Beta Scan	12 h	T. Lasserre T. Lasserre	25 25	T2 T2	
	Sunday	07.04.2019		Beta Scan	Beta Scan	24 h	T. Lasserre	25	T2	
	Monday	08.04.2019		Beta Scan Ions	Beta Scan Clear Penning Traps / Neutralisation	24 h	T. Lasserre M. Schlösser	25 25	T2 T2	
	Tuesday	09.04.2019	day	HV CD	Low Voltage calibration Column Density	0,5 h 2 h	C. Rodenbeck A. Marsteller	25 25	T2 T2	
		09.04.2019		Beta Scan	Beta Scan	4 h	T. Lasserre	25	T2	
			night	Beta Scan Beta Scan	Beta Scan Beta Scan	12 h	T. Lasserre T. Lasserre	25 25	T2 T2	
CW 15	Wednesday	10.04.2019	day	Plasma Beta Scan	RW Voltage investigations -183.3 mV Beta Scan	4 h 12 h	M. Schlösser T. Lasserre	25 25	T2 T2	
C# 15	Thursday	11.04.2019	ingit	Beta Scan	Beta Scan	24 h	T. Lasserre	25	T2	
	Friday	12.04.2019		lons HV	Clear Penning Traps Low Voltage calibration	0,5 h	M. Schlösser C. Rodenbeck	25 25	T2 T2	
			day	Plasma Beta Scan	RW Voltage investigations Beta Scan	1 h 10 h	M. Schlösser T. Lasserre	25 25	T2 T2	
			night	Beta Scan	Beta Scan	12 h	T. Lasserre	25	T2	
	Saturday Sunday	13.04.2019		Beta Scan Beta Scan	Beta Scan Beta Scan	24 h 24 h	T. Lasserre T. Lasserre	25 25	T2 T2	
	Monday	15.04.2019		Beta Scan	Beta Scan Clear Penning Traps		T. Lasserre M. Schlösser	25 25	T2 T2	
	Tuesday Wednesday Thursday	16.04.2019 17.04.2019		HV	Low Voltage calibration	0,5 h	C. Rodenbeck	25	T2	
			day	FPD FPD	Column-Density FPD Calibration	2-h 5 h	A. Marsteller F. Fränkle	25 25	T2 T2	
				MoS Beta Scan	Test of coupling MoS to MS-HV Beta Scan	5 h 6 h	C. Rodenbeck T. Lasserre	25 25	T2 T2	
			night	Beta Scan	Beta Scan	12 h	T. Lasserre	25	T2	
CW 16			-	Beta Scan Ions	Beta Scan Clear Penning Traps	24 h 0,5 h	T. Lasserre M. Schlösser	25 25	T2 T2	
			day	 CD	Topping up Loops-system Topping up Injection pressure	0,5 h	M. Sturm M. Sturm	25 25	T2 T2	
				Beta Scan	Beta Scan	9 h	T. Lasserre	25	T2	
	Friday	19.04.2019	night	Beta Scan Beta Scan	Beta Scan Beta Scan	12 h 24 h	T. Lasserre T. Lasserre	25 25	T2 T2	
	Saturday Sunday	20.04.2019 21.04.2019		Beta Scan Beta Scan	Beta Scan Beta Scan	24 h	T. Lasserre T. Lasserre	25 25	T2 T2	Easter
	Monday	22.04.2019		Beta Scan	Beta Scan	24 h	T. Lasserre	25	T2	
	Tuesday	23.04.2019	day	Beta Scan Ions	Beta Scan Clear Penning Traps	8 h 0,2 h	T. Lasserre F. Friedel	25 0	T2 T2	
				RW Ramping	Rear Wall EO scan with "empty" source Ramping CD from 0 % to 25 % with adjusted pressure setpoint (5% increase)	1,8 h	M. Sturm	0 25	T2 T2	
			night	Beta Scan	Beta Scan	12 h	T. Lasserre	25	T2	
			day	lons	Low Voltage calibration Clear Penning Traps / Neutralisation	0,5 h 1,5 h	C. Rodenbeck M. Schlösser	25 25	T2 T2	
	Wednesday	24.04.2019	,	CD Beta Scan	Column Density	2 h 8 h	A. Marsteller T. Lasserre	25 25	T2 T2	
CW 17	Thursd	25.04.2019	night	Beta Scan	Beta Scan	12 h	T. Lasserre	25	T2	
	Thursday	25.04.2019		Beta Scan Ions	Beta Scan Clear Penning Traps	0,5 h	T. Lasserre M. Schlösser	25 25	T2 T2	
			day	HV MoS	Low Voltage calibration Coupling of MoS to MS-HV	0,5 h 1 h	C. Rodenbeck D. Hinz	25 25	T2 T2	
	Friday	26.04.2019	,	Beta Scan	Beta Scan	4h	T. Lasserre	25	T2	
			night	CD Beta Scan	adjust injection pressure to keep CD in range Beta Scan	0,5 h 12 h	A. Marsteller T. Lasserre	25 25	T2 T2	
	Saturday	27.04.2019		Beta Scan	Beta Scan	24 h	T. Lasserre	25	T2	
	Sunday	28.04.2019	night & day	Beta Scan Beta Scan	Beta Scan Beta Scan	24 h 24 h	T. Lasserre T. Lasserre	25 25	T2 T2	
		29.04.2019	morning	CD	adjust injection pressure to keep CD in range	0,3 h	A. Marsteller M. Schlösser	25	T2	
			day	HV	Clear Penning Traps Low Voltage calibration	0,5 h 0,5 h	C. Rodenbeck	25 25	T2 T2	
	Tuesday	30.04.2019	1	GB	Column Density Ramp magnets, Warm up WGTS to 100K (incl. WGTS magnet ramping)	2 h 8 h	A. Marsteller T. Lasserre	0	T2 T2	
			night	-	Warm up WGTS to 100K, Ramp magnets	12 h	T. Lasserre	0	T2	
CW 18	Wednesday	01.05.2019		-	Warm up WGTS to 100K Cooling down WGTS to 30K	24 h 12h	T. Lasserre T. Lasserre	0	T2	May 1 st
			4	-	WGTS PT500 calibration	2h	A. Jansen	0	T2	
	Thursday	02.05.2019	day	e-Gun Ramping up	E-Gun characteristics (angular dependencies / energie spread), Test of mag. dipole control (RS -> WGTS) Ramping CD from 0 % to 25 %	2h 2h	L. Schimpf M. Schlösser	25	T2 T2	
				e-Gun	Column Density E-Gun characteristics (angular dependencies / energie spread)	2h 2h	A. Marsteller L. Schimpf	25 25	T2 T2	
ı			night	Beta Scan	Beta Scan	14h	T. Lasserre	25	12	
			day	HV	Clear Penning Traps Low Voltage calibration	0,5 h	M. Schlösser C. Rodenbeck	25 25	T2 T2	
			night	Beta Scan Beta Scan	Beta Scan Beta Scan	10 h	T. Lasserre T. Lasserre	25 25	T2 T2	
	Saturday	04.05.2019	ingit	Beta Scan	Beta Scan	24 h	T. Lasserre	25	T2	
	Sunday	05.05.2019 06.05.2019		Beta Scan Beta Scan	Beta Scan Beta Scan	24 h	T. Lasserre T. Lasserre	25 25	T2 T2	
				Ions	Clear Penning Traps	0,5 h	M. Schlösser	25	T2	
	Tuesday	07.05.2019	day	HV CD	Low Voltage calibration Column Density	0,5 h	A. Marsteller	25 25	T2 T2	
	rucsuuy	07.05.2019		FPD Beta Scan	FPD Calibration Beta Scan	5 h	F. Fränkle	25 25	T2 T2	
									T2	
			night	Beta Scan	Beta Scan	6 h 12 h	T. Lasserre T. Lasserre	25		
CW 19		08.05.2019 09.05.2019	night	Beta Scan	Beta Scan Beta Scan	12 h			T2 T2	
CW 19	Wednesday Thursday			Beta Scan Beta Scan Ions	Beta Scan Beta Scan Clear Penning Traps	12 h 24 h 24 h 0,5 h	T. Lasserre T. Lasserre T. Lasserre M. Schlösser	25 25 25 25	T2 T2 T2	
CW 19			day	Beta Scan Beta Scan Ions HV Beta Scan	Bets Scan Bets Scan Clear Penning Traps Low Voltage calibration Bets Scan	12 h 24 h 24 h 0,5 h 0,5 h	T. Lasserre T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre	25 25 25 25 25 25 25 25	T2 T2 T2 T2 T2	
CW 19	Thursday	09.05.2019		Beta Scan Beta Scan Ions HV	Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration	12 h 24 h 24 h 0,5 h 0,5 h	T. Lasserre T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre T. Lasserre	25 25 25 25 25 25 25 25 25 25	T2 T2 T2 T2 T2 T2	
CW 19	Thursday	09.05.2019	day	Beta Scan Beta Scan Ions HV Beta Scan Beta Scan	Beta Scan Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h 24 h	T. Lasserre T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre T. Lasserre T. Lasserre T. Lasserre T. Lasserre T. Lasserre	25 25 25 25 25 25 25 25 25 25 25 25 25 2	T2 T	
CW 19	Thursday Friday Saturday Sunday	09.05.2019 10.05.2019 11.05.2019 12.05.2019	day	Beta Scan Beta Scan Ions HV Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan	Beta Scan Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h	T. Lasserre T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre T. Lasserre	25 25 25 25 25 25 25 25 25 25	T2 T2 T2 T2 T2 T2 T2 T2	
CW 19	Thursday	09.05.2019	day night day	Beta Scan Beta Scan Ions HV Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Seta Scan Seta Scan Seta Scan Seta Scan	Beta Scan Cear Penning Traps Con Vibrage calibration Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Cear Penning Traps Cear Penning Traps Cear Penning Traps	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h 24 h 5,5 h 5 h	T. Lasserre T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre T. Lasserre T. Lasserre T. Lasserre T. Lasserre W. Gil M. Schlösser C. Weinheimer	25 25 25 25 25 25 25 25 25 25 25 25 25 2	T2 T	
CW 19	Thursday Friday Saturday Sunday	09.05.2019 10.05.2019 11.05.2019 12.05.2019	day night day night	Beta Scan Beta Scan Ions HV Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan	Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Clear Penning Traps Clear Penning Traps Clear Penning Traps Clear Penning Traps SAP Beta Scan SAP Beta Scan Clear Penning Traps SAP Beta Scan	12 h 24 h 24 h 20,5 h 0,5 h 10 h 12 h 24 h 24 h 3 h 0,5 h 5 h 16 h 0,5 h	T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre M. Schlösser T. Lasserre T. Lasserre W. Gil M. Schlösser W. Schlösser C. Weinheimer C. Weinheimer C. Weinheimer	25 25 25 25 25 25 25 25 25 25 25 25 25 2	T2 T	
CW 19	Thursday Friday Saturday Sunday	09.05.2019 10.05.2019 11.05.2019 12.05.2019	day night day	Beta Scan Beta Scan Ions HV Beta Scan Beta Scan Beta Scan Beta Scan Ions Beta Scan Seta Scan	Bets Scan Bets Scan Clear Prenning Traps Low Voltage calibration Bets Scan Bets Scan Bets Scan Bets Scan Bets Scan Bets Scan Ramping Magnets to 35% (abs.) Cear Prenning Traps SAP-Bets Scan Background SAP-Bets Scan I Background SAP-Bets Scan I Background SAP-Bets Scan I Background Low Voltage calibration Ramping Magnets to \$15 ToM, \$50 S 60%	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h 24 h 3 h 0,5 h	T. Lasserre T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre T. Lasserre T. Lasserre T. Lasserre T. Lasserre C. Weinheimer C. Weinheimer	25 25 25 25 25 25 25 25 25 25 25 25 25 2	T2 T	
CW 19	Thursday Friday Saturday Sunday Monday Tuesday	09.05.2019 10.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019	day night day night	Beta Scan Beta Scan Ions HV Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan HV Ions SAP-Beta Scan HV SAP-Beta Scan HV SAP-Beta Scan SAP-Beta Scan HV SAP-Beta Scan	Beta Scan Beta Scan Clear Prenning Traps Low Voltage calibration Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Reamping Magnets to 35% (abs.) Cear Prenning Traps SAP Beta Scan/ Background	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h 3 h 0,5 h 3 h 7 h 12 h	T. Lasserre T. Lasserre T. Lasserre M. Schlöster C. Rodenbeck T. Lasserre T. Lasserre T. Lasserre T. Lasserre T. Lasserre W. Gil M. Schlösser C. Weinheimer C. Rodenbeck W. Gil C. Weinheimer C. Rodenbeck W. Gil C. Weinheimer	25 25 25 25 25 25 25 25 25 25 25 25 25 2	T2 T	
	Thursday Friday Saturday Sunday Monday	09.05.2019 10.05.2019 11.05.2019 12.05.2019 13.05.2019	day night day night	Beta Scan Beta Scan Ions HV Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Seta Scan Seta Scan HV HV SAP-Beta Scan HV SAP-Beta Scan	Beta Scan Beta Scan Clear Prenning Traps Low Voltage calibration Beta Scan Low Voltage Calibration Beta Scan SAP-Beta Scan Background SAP-Beta Scan SAP-Beta Scan SAP-Beta Scan SAP-Beta Scan SAP-Beta Scan SAP-Beta Scan	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h 3 h 0,5 h 5 h 16 h 0,5 h 3 h 12 h 24 h 24 h 24 h 24 h 25 h 26 h 27 h 27 h 28 h	T. Lasserre T. Lasserre T. Lasserre T. Lasserre M. Schlösser C. Rodenbeck T. Lasserre C. Weshelmer C. Weshelmer C. Rodenbeck W. Gal C. Weshelmer C. Rodenbeck W. Gal C. Weshelmer C. Rodenbeck C. Weshelmer C. Weshelmer C. Weshelmer C. Weshelmer C. Weshelmer C. Weshelmer	25 25 25 25 25 25 25 25 25 25 25 25 25 2	T2 T	
	Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday	10.05.2019 10.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 16.05.2019	day night day night day night	Beta Scan Beta Scan Inns INV Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Inns Inns Inns Inns Inns Inns Inns In	Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h 3 h 0,5 h 5 h 16 h 0,5 h 16 h 0,5 h 24 h 24 h 24 h 24 h 25 h 26 h 27 h 28 h 29 h 20 h	T. Laserre T. Laserre T. Laserre M. Schlöser C. Rodenbeck T. Laserre C. Wondenberd T. Laserre C. Wenheimer W. Gal M. Schlöser	25 25 25 25 25 25 25 25 25 25 25 25 25 2	T2 T	
	Thursday Friday Saturday Sunday Monday Tuesday Wednesday	09.05.2019 10.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019	day night day night	Bets Scon Bets Scon Ions INV Bets Scon Ions SAP-Pets Scon Inv Inv SAP-Pets Scon Inv Inv SAP-Pets Scon SAP-Pets	Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Be	12 h 24 h 0,5 h 10 h 12 h 24 h 0,5 h 10 h 12 h 24 h 24 h 3 h 0,5 h 16 h 0,5 h 16 h 24 h 24 h 15 h 16 h 0,5 h 16 h 0,5 h 16 h 0,5 h 16 h 0,5 h 17 h 18 h 19 h 19 h 10	1. Laserre 1. Laserre 1. Laserre 1. Laserre M. Schlöser C. Rodenboek 1. Laserre M. Schlöser C. Rodenboek 1. Laserre M. Gall M. Schlöser C. Weinheimer C. Weinheimer C. Rodenboek M. Gil M. Schlöser	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	Thursday Friday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 17.05.2019	day night day night day night	Bets Scon Bets Scon Ions INV Bets Scon Ions SAP-Rets Scon Inv Inv Inv Inv Inv Inv Inv Inv Inv In	Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Be	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 24 h 3 h 0,5 h 5 h 16 h 0,5 h 24 h 24 h 3 h 0,5 h 16 h 0,5 h 26 h 17 h 17 h 17 h 18 h 18 h 28 h 29 h 29 h 20 h 20 h 20 h 21 h 21 h 22 h 23 h 24 h 25 h 26 h 27 h 28 h 29 h 20	1. Laserre 1. Laserre 1. Laserre 1. Laserre M. Schlöbser C. Rodenbeck C. Rodenbeck T. Laserre T. Laserre T. Laserre T. Laserre T. Laserre T. Laserre C. Rodenbeck C. Wenheimer M. G. G. Wenheimer A. W. G. G. Wenheimer M. G. Wenheimer A. W. G. R. Wenheimer M. G. Wenheimer M. G. Wenheimer A. W. G. R. Wenheimer M. G. Wenheimer M. G. R. Wenheimer M. G. Rodenbeck M. G. Rodenbeck M. G. Rodenbeck M. A. Marsteller M. M. M. Marsteller M. M. Marsteller M. M	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 16.05.2019 17.05.2019 18.05.2019	day night day night day night day night day day night	Bets Scm Bets Scm Ions INV Bets Scm Ions SAP-Bets Scm Ions SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS SAP-Bets Scm SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS IONS SAP-Bets Scm IVV IONS IONS IONS IONS IONS IONS IONS IONS	Beta Scan Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Ramping Magnest to 35% (abs.) Clear Penning Traps SAP-Beta Scan/ Background SAP-Beta Scan/ Background SAP-Beta Scan/ Background SAP-Beta Scan Low Voltage calibration Ramping Magnest to 55% 75% // 505 60% SAP-Beta Scan SAP-Be	12 h 24 h 24 h 0,5 h 0,5 h 10 h 12 h 3 h 0,5 h 5 h 16 h 0,5 h 16 h 0,5 h 16 h 0,5 h 17 h 18 h 19 h 10	1. Laserre 1. Laserre 1. Laserre N. Laserre N. Schlösser C. Rodenboek C. Rodenboek T. Laserre T. Laserre T. Laserre T. Laserre T. Laserre T. Laserre C. Wordenber	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	Thursday Friday Friday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Saturday Saturday Saturday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 14.05.2019 14.05.2019 15.05.2019 17.05.2019 18.05.2019 18.05.2019 19.05.2019	day night day night day night day night day night	Bets Scon Bets Scon Ions InV Bets Scon Sets Sc	Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Sub-ethe Scan Sub-ethe Scan Sub-ethe Scan Sub-ethe Scan Beta Scan Beta Scan Beta Scan Sub-ethe Scan S	12 h 24 h 24 h 25 h 0.5 h 0.5 h 12 h 24 h 24 h 25 h 0.5 h 0.5 h 0.5 h 12 h 24 h 3 h 0.5 h 5 h 16 h 25 h 24 h 24 h 15 h 12	T. Laserre T. Laserre T. Laserre M. Schlöser C. Rodenbeck T. Laserre T. C. Wenheimer A. Warsteler L. Wentsteler A. Marsteler A. Marsteler A. Marsteler A. Marsteler L. Schimpf	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 16.05.2019 17.05.2019 18.05.2019	day night day night day night day night day day night	Bets Scm Bets Scm Ions INV Bets Scm Ions SAP-Bets Scm Ions SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS SAP-Bets Scm SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS SAP-Bets Scm IVV IONS IONS SAP-Bets Scm IVV IONS IONS IONS IONS IONS IONS IONS IONS	Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Sub-elae Scan Sub-elae Scan Sub-elae Scan Beta Scan Sub-elae Scan Beta Scan Beta Scan Beta Scan Beta Scan Sub-elae Scan Beta Scan Sub-elae	12 h 24 h 24 h 25 h 0.5 h 0.5 h 10 n 12 h 24 h 24 h 26 h 27 h 28 h 29 h 29 h 20 h 3 h 3 h 20 h 20 h 21 h 22 h 23 h 24 h 25 h 26 h 27 h 27 h 28 h 28 h 29 h 29 h 20 h 20 h 21 h 22 h 23 h 24 h 25 h 26 h 27 h 28 h 29 h 20 h 20 h 21 h 22 h 22 h 23 h 24 h 25 h 26 h 27 h 28 h 29 h 20 h 20 h 21 h 21 h 22 h 22 h 23 h 24 h 25 h 26 h 27 h 28 h 29 h 20	T. Laserre T. Laserre T. Laserre M. Schlöser C. Rodenbedx T. Laserre C. Wednelmer A. Warsteler L. Warsteler A. Marsteler A. Marsteler A. Marsteler A. Marsteler A. Marsteler L. Schimpf A. Marsteler A. Marste	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	Thursday Friday Saturday Sunday Monday Wednesday Thursday Friday Saturday Monday Monday Monday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 17.05.2019 18.05.2019 19.05.2019 20.05.2019	day night day night day night day night day night day night day	Bets Scm Bets Scm Uons HW Bets Scm None Sch Pete Scm Sch P	Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan SAP-beta Sc	12 h 24 h 24 h 25 h 26 h 26 h 30 h 10 h 12 h 34 h 34 h 35 h 36 h 37 h 16 h 37 h 17 h 18 h 19 h 19 h 10 h 10 h 11 h 12	1. Laserre 1. Laserre 1. Laserre 1. Laserre M. Schlösser C. Rodenbeck C. Rodenbeck T. Laserre T. Laserre T. Laserre T. Laserre T. Laserre T. Laserre C. Rodenbeck C. Rodenbeck C. Rodenbeck C. Wenheimer M. Gill M. Schlösser A. Marsteler A. Marsteler A. Marsteler L. Schimpf A. Marsteler L. Schimpf L. Schim	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	Thursday Friday Friday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Saturday Saturday Saturday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 14.05.2019 14.05.2019 15.05.2019 17.05.2019 18.05.2019 18.05.2019 19.05.2019	day night day	Bets Scon Bets Scon Loss HY Bets Scon SAP-Bets S	Beta Scan Clear Preming Traps Clear Preming Traps Clear Preming Traps Deta Scan Beta Scan Clear Preming Traps Clear Preming Traps APA Beta Scan, Paskupsound SAP Beta Scan Clear Preming Traps SAP Beta Scan Clear Preming Traps SAP Beta Scan Beta Scan Clear Preming Traps SAP Beta Scan SAP Bet	12 h 24 h 24 h 25 h 26 h 26 h 27 h 28 h 28 h 28 h 28 h 29 h 20	T. Laserre T. Laserre T. Laserre N. Schlösser C. Rodenbedc T. Laserre C. Wendelmer L. Geldenbedc A. Masselder L. Schimpf A. Masselder L. Schimpf	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
CW 20	Thursday Friday Saturday Sunday Monday Wednesday Thursday Friday Saturday Monday Monday Monday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 17.05.2019 18.05.2019 19.05.2019 20.05.2019	day night day night day night day night day night day night	Bets Scon Bets Scon Loss INV Bets Scon Sch-Pets Scon NV NV Sch-Pets Scon	Beta Scan Clear Preming Tags Clear Preming Tags Clear Preming Tags Low Voltage adheration Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Beta Scan Ramping Royanes to 35% (abs.) Carlot Scan Scan Scan Scan Scan Scan Scan Scan	12 h 24 h 24 h 25 h 26 h 26 h 27 h 28 h 28 h 28 h 28 h 28 h 28 h 29 h 20	T. Laserre T. Laserre T. Laserre N. Schlöser C. Rodenbeck T. Laserre C. Wenheimer C. Wenhe	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	Thursday Friday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Tuesday	69.05.2019 10.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019	day night day	Bets Scon Bets Scon Ions INV Bets Scon Sch-Pets Scon S	Beta Scan Dear Penning Tags Low Voltage calibration Beta Scan Low Voltage calibration Low Voltage calibration Ramping Mayness to 357 80% / 505 60% Ash-leta Scan Schellen Scan Schele	12 h 24 h 24 h 25 h 26 h 26 h 27 h 28 h 28 h 29 h 20	1. Laserre 1. Rodenbeck 1. Rodenbeck 1. Laserre 1. Rodenbeck 1. C. Wechheimer 1. Rodenbeck 1. Laserre 1. Laserre 1. Rodenbeck 1	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
CW 20	Thursday Friday Saturday Sunday Monday Wednesday Friday Wednesday Friday Saturday Monday Vednesday Lusday Monday Wednesday Wednesday Wednesday	99.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 14.05.2019 14.05.2019 15.05.2019 16.05.2019 17.05.2019 20.05.2019 20.05.2019 20.05.2019	day might day	Bets Scon Bets Scon Ions INV Bets Scon Ions SAP-Rets Scon Inv SAP-Bets Scon Inv	Beta Scan Beta Scan Clear Penning Tags Low Voltage calibration Beta Scan Ramping Magnets to 35% (abs.) Clear Penning Trags SAP-Beta Scan/ Background SAP-Beta Scan	12 h 24 h 24 h 25 h 26 h 26 h 26 h 27 h 28 h 28 h 29 h 29 h 20	T. Laserre T. Laserre T. Laserre T. Laserre M. Schlösser C. Rodenboek T. Laserre T. Lase	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
CW 20	Thursday Friday Saturday Sunday Monday Wednesday Friday Wednesday Friday Saturday Monday Vednesday Lusday Monday Wednesday Wednesday Wednesday	99.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 14.05.2019 14.05.2019 15.05.2019 16.05.2019 17.05.2019 20.05.2019 20.05.2019 20.05.2019	day night	Bets Scm Bets Scm Ions INV Bets Scm Sch Schedel Scm Sch-Bets Scm INV SAP-Bets Scm INV SAP-Bets Scm SAP-Bets Scm SAP-Bets Scm INV SAP-Bets Scm SAP-	Beta Scan Clear Penning Tags Low Voltage calibration Beta Scan Ramping Magnets to 35% (abs.) Clear Penning Tags SAP-Beta Scan/ Background SAP-Beta Scan SAP-Beta	12 h 24 h 24 h 25 h 26 h 26 h 26 h 27 h 28 h 28 h 29 h 20	1. Laserre	25 25 25 25 25 25 25 25	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
CW 20	Thursday Friday Saturday Sunday Monday Wednesday Thursday Saturday Saturday Wednesday Trusday Wednesday Thursday Monday Tuesday Thursday Monday Tuesday	69.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 16.05.2019 17.05.2019 19.05.2019 20.05.2019 21.05.2019 22.05.2019	day might day	Bets Scon Bets Scon Loss INV Bets Scon No Bets Scon Solve Bets Scon Solve Bets Scon Solve Bets Scon Solve Bets Scon No Bets Scon Solve Bets Sc	Beta Scan Clear Perming Traps Low Voltage calibration Beta Scan Ramping Magnets to 355 (abs.) Cear Perming Traps SAP-beta Scan APA-beta Scan SAP-beta Scan Ramping Magnets to 1575 (APS (SS SC S	12 h 24 h 24 h 25 h 26 h 26 h 27 h 28 h 28 h 29 h 20	1. Laserre 1. Rodenboed 1. Laserre 1. Rodenboed 1. Ro	255 255 255 255 255 255 255 255 255 255	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
CW 20	Thursday Friday Saturday Saturday Monday Tuesday Wednesday Thursday Monday Friday Friday Monday Tuesday Monday Friday Monday Tuesday Saturday	99.05.2019 10.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019 11.05.2019	day might day night	Bets Scon Bets Scon Loss HV Bets Scon Solve Bets	Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Ramping Magnets to 35% (abs.) Clear Penning Traps SAP-beta Scan Low Voltage calibration Low Voltage calibration Low Voltage calibration Ash-beta Scan SAP-beta Scan	12 h 24 h 24 h 26 h 27 h 28 h 28 h 29 h 29 h 20	T. Laserre T. Laserre T. Laserre T. Laserre T. Laserre M. Schlöbser C. Rodenbeck T. Laserre T. Raserre T. Rase	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
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CW 20	Thursday Friday Saturday Saturday Monday Tuesday Wednesday Thursday Monday Friday Friday Monday Tuesday Monday Friday Monday Tuesday Saturday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 14.05.2019 14.05.2019 15.05.2019 16.05.2019 17.05.2019 20.05.2019 20.05.2019 21.05.2019 22.05.2019 24.05.2019 24.05.2019 24.05.2019 25.05.2019 26.05.2019 26.05.2019	day night	Bets Scon Bets Scon Loss InV Bets Scon Scon Bets Scon Bets Scon Scon Bets Scon Scon Bets Scon Scon Scon Scon Scon Scon Scon Scon	Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Conservation of the Scan Scan Scan Scan Scan Scan Scan Scan	12 h 24 h 24 h 25 h 26 h 26 h 26 h 27 h 28 h 28 h 28 h 29 h 20	T. Laserre T. Laserre T. Laserre T. Laserre M. Schlösser C. Rodenboek T. Laserre T. Raserre T. Rase	25 25 25 25 25 25 25 25	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
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CW 20	Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Monday Trusday Wednesday Thursday Friday Monday Tuesday Wednesday Tuesday Wednesday Thursday Friday Tuesday Friday Saturday Saturday Thursday Friday Thursday Thursday Thursday Thursday Thursday Thursday Thursday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 14.05.2019 14.05.2019 15.05.2019 16.05.2019 17.05.2019 20.05.2019 20.05.2019 21.05.2019 22.05.2019 24.05.2019 24.05.2019 24.05.2019 25.05.2019 26.05.2019 26.05.2019	day night	Bets Scon Bets Bets Bets Bets Bets Bets Bets Bets	Beta Scan Clear Penning Traps Low Voltage calibration Beta Scan Ramping Magnets to 35% (abs.) Coar Penning Traps Sub-beta Scan/ Background Sub-beta Scan Sub-Be	12 h 24 h 24 h 24 h 25 h 26 h 26 h 27 h 28 h 28 h 29 h 29 h 29 h 20	1. Laserre 1. Rodenbock 1. Rodenbock 1. Laserre 1. Rodenbock 1. R	25 25 25 25 25 25 25 25	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
CW 20	Thursday Friday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Saturday Sunday Monday Friday Monday Tuesday Wednesday Thursday Monday Trusday Wednesday Thursday Wednesday Thursday Thursday Wednesday Thursday Friday Friday Saturday Thursday Friday Wednesday Thursday Thursday Friday Wednesday Thursday Wednesday	09.05.2019 10.05.2019 11.05.2019 11.05.2019 12.05.2019 13.05.2019 14.05.2019 15.05.2019 15.05.2019 16.05.2019 17.05.2019 18.05.2019 20.05.2019 21.05.2019 21.05.2019 22.05.2019 24.05.2019 25.05.2019 26.05.2019 27.05.2019 28.05.2019 29.05.2019	day night	Bets Scan Bets Scan Ions INV Bets Scan Solve Bets Scan Bets Scan Solve Bets Scan Solve Bets Scan Solve Bets Scan Inv Inv Inv Inv Inv Inv Inv Inv Inv In	Beta Scan Clear Preming Traps Low Voltage calibration Beta Scan Clear Preming Traps Clear Preming Traps Clear Preming Traps Clear Preming Traps APA Beta Scan, Relaxiguoud SAP Beta Scan Low Voltage calibration Ramping Magnets to STS 70N, 50S 60% SAP Beta Scan Scan Low Voltage calibration Ramping Magnets to STS 70N, 50S 60% SAP Beta Scan Start, Background SAP Beta Scan SAP	12 h 24 h 24 h 25 h 26 h 26 h 27 h 28 h 28 h 28 h 29 h 29 h 20	1. Laserre 1. Rodenboed 1. Laserre 1. Rodenber 1. Laserre 1	25 25 25 25 25 25 25 25	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
CW 20	Thursday Friday Saturday Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Wednesday Thursday Wednesday Trusday Wednesday Tuesday Wednesday Tuesday Wednesday Thursday Friday Tuesday Wednesday Thursday Tuesday Wednesday Thursday Tuesday Wednesday Tuesday Wednesday Thursday	69.05.2019 10.05.2019 11.05.2019	day night	Bets Scan Bets Scan Loss HY Bets Scan Sets Scan Bets Scan Sets Sca	Beta Scan Clear Penning Traps Clear Penning Traps Clear Penning Traps Clear Penning Traps Beta Scan Cover Village calibration Ramping Rangerts to 1575 705, 555 6576 Ramping Magnets to 515 705, 555 6576 SAP-Beta Scan Scan SAP-Beta Scan SAP-Beta Scan SAP-Beta Scan SAP-Beta Scan SAP-Beta Scan Cover Village calibration Perparation for Coulum Density Column Density Colu	12 h 24 h 24 h 25 h 26 h 26 h 27 h 28 h 28 h 29 h 29 h 20	1. Laserre 1. Rodenbeck 1. Laserre 1. Rodenbeck 1. Schingf 1 1. Raserre 1. Laserre 1. L	25 25 25 25 25 25 25 25	12 12 12 12 12 12 12 12 12 12 12 12 12 1	
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