

Restart of UNILAC RF without ER1 (B5,B6,BC3,ER1-5) - best case

M. Hörr, S. Pütz, G. Schreiber, First estimation July 18th, 2018

	16.-22.7.	23.-29.7.	30.7.-5.8.	6.8.-12.8.	13.8.-19.8.	20.8.-26.8.	27.8.-2.9.	3.9.-9.9.	10.9.-16.9.	17.9.-23.9.	24.9.-30.9.
	week 29	week 30	week 31	week 32	week 33	week 34	week 35	week 36	week 37	week 38	week 39
Cleaning of ER1 Power Supply AND Air Cooling System											
Smear Tests, toxic analysis ER1 and other RF components, Result, clearance for work											
Inspection/Opening/Cleaning of RF power supplies and RF amplifiers along the gallery											
First restart/power-up of RF systems*											
Conditioning of RF systems and unilac cavities for following beam operation**											
A4 final work and commisioning											
A4 cavity conditoning and RF system optimization (parallel to SIS commisioning) in time sharing mode (RF<>Operations)***											

preliminary

*no further pollution in air colling or RF systems found

** 3rd of September RF available for operation without A4

***A4 ready but not exclusivly for operation, conditioning optimization parallel to SIS operation, sometimes few hours during day needed exclusivly for RF

Wiederinbetriebnahme UNILAC HF ohne ER1 (B5,B6,BC3,ER1-5) - best case

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	16.-22.7.	23.-29.7.	30.7.-5.8.	6.8.-12.8.	13.8.-19.8.	20.8.-26.8.	27.8.-2.9.	3.9.-9.9.	10.9.-16.9.	17.9.-23.9.	24.9.-30.9.
	week 29	week 30	week 31	week 32	week 33	week 34	week 35	week 36	week 37	week 38	week 39
Säuberung ER1 Netzgerät und Säuberung Lüftungsanlage											
Wischtests ER1 und andere HF Geräte incl. Ergebnis, Freigabe für Arbeiten											
Inspektion, Öffnung aller Netzgeräte und Sender*											
Restart HF, Inbetriebnahme HF Sender											
Konditionierung Sender und HF Tanks											
A4 Fertigstellung und Inbetriebnahme											
A4 Tank Konditionierung (parallel SIS Inbetriebnahme / Kontrollsystem)											

*best case: keine Verunreinigungen vorhanden