

A detailed wireframe model of a particle accelerator, showing a large circular ring structure in the foreground and a complex network of smaller structures and tracks in the background.

5. Treffen HKR-Modernisierung 16.05.2024

Peter Gerhard

Beginn	Dauer /min	Thema	Sprecher
09:00	10	Begrüßung, Überblick Programm	Peter
09:10	10	UNILAC Controls Upgrade Zeitplan	Hanno, Peter
09:20	10	Vorbereitung Dry-Run Juli und Eng-Run November 2024	Hanno, Peter
09:30	10	Diskussion	
09:40	20	MAPS	Tobias (RPGs?)
10:00	20	BTM	Jutta/Vitaliy/Ralph
10:20	15	Phasensonden / TOF / PHAS	Wolfgang, Markus Ohlig
10:35	5	UNIPOS	Rene
10:40	10	Diskussion	
10:50	15	Pause	
11:05	15	PG/EMI-Schutz	Jutta/Ralph
11:20	5	Anzeige Chopper-Anforderung	Jutta/Ralph
11:25	5	Anzeige SVÜ/Interlock	Jutta/Ralph
11:30	10	Diskussion	
11:40	20	Potiboard	Martin Stein / Volker/Jutta

Kurzberichte zu folgenden Themen:

- Gasstripper
- Interlocksystem/MASP

Diesmal nicht auf der Agenda:

- UNIMON: abgeschlossen
- CUPID: Abschluss in einem der nächsten Treffen
- Quellenoszilloskope: Installation bis Juli, dann Tests, Bericht in einem der nächsten Treffen
- Cup-Steuerung
- WR-Snoop@UNILAC, What's running@UNILAC
- Experiment-Timingversorgung, Standalone Timing-Receiver
- BIF
- (Experiment)-Signalanzeige

- Gasregelung
 - Entwurf der technischen Spezifikation fertig
 - Budget genehmigt
 - EKW für Ausschreibungsverfahren eingereicht
 - Beschaffung und Installation bis Ende 2025 geplant
- Front-End
 - Kick-Off mit ACO
- Betrieb für laufende Strahlzeit
 - Betriebserfahrung
 - Lebensdauer Injektions-Ventile
 - Sammlung von Betriebsparametern für verschiedene Ionen

Kurzbericht InterlocksysteM/MASP

Alarm

Available Chains and Status Selected Chain Overview Graphic Overview

62-SCRATCH_RM_UL_US3_20230816_134722.C1

Name	Status	Maskable	N-Mask	F-Mask	S-Mask	Beam Mode	Last Change
SCRATCH_RM_UL_US3_20230816_134722.C1	OFFLINE						
TRANSFER/LINAC	OFFLINE						Mon, 2024-02-12 13:48:11
GLOBAL	OFFLINE						Mon, 2024-02-12 13:48:11
UL_TO_GUH1MU2	SETUPBEAMFLAG_MASKABLE		NONE	NONE	NONE		Mon, 2024-02-12 13:48:11
GUL4MS1H	SETUPBEAMFLAG_MASKED	true	false	NONE	ALL		Mon, 2024-02-12 13:48:11
GUL4MS1V	SETUPBEAMFLAG_MASKED	true	false	NONE	ALL		Mon, 2024-02-12 13:48:11
GUL4QT11	SETUPBEAMFLAG_MASKED	true	false	NONE	ALL		Mon, 2024-02-12 13:48:11
GUL4QT12	SETUPBEAMFLAG_MASKED	true	false	NONE	ALL		Mon, 2024-02-12 13:48:11
GUL4QT13	SETUPBEAMFLAG_MASKED	true	false	NONE	ALL		Mon, 2024-02-12 13:48:11
GUL4VVT	SETUPBEAMFLAG_MASKED	true	false	NONE	ALL		Mon, 2024-02-12 13:48:11
GUL5MS2H	SETUPBEAMFLAG_MASKED						
GUL5MS2V	SETUPBEAMFLAG_MASKED						
INTERLCK	false						
POWERON	false						
OP_R	false						
ONLI	Mask this Signal						
REMC	Unmask this Signal						
GUL5MU1	SETUPBEAMFLAG_MASKED						
GUL5QD21	SETUPBEAMFLAG_MASKED						
GUL5QD22	SETUPBEAMFLAG_MASKED						
GUL5QT31	SETUPBEAMFLAG_MASKED						
GUL5QT32	SETUPBEAMFLAG_MASKED						
GUL5QT33	SETUPBEAMFLAG_MASKED						
GUL5VVT	SETUPBEAMFLAG_MASKED						
GUH1MU2_TO_GUH2BC1L	SETUPBEAMFLAG_MASKED						
GUH2BC1L_TO_GUS3MK1	SETUPBEAMFLAG_MASKED						

MASP GUI @ INT

Alarm stop

Über de

MASP GUI @ PRO

Pre defined filter Selected pre defined filter: Nothing

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Name	Status	Faulty Mask	Emitter Type	SBF Maskable	Timestamp
GTK3MV1_TO GTK3MV3	ACTUAL_OK	NONE			
GTK3MV4_TO GTK7BC1L	ACTUAL_OK	NONE			
GTK3MV3_TO TKD	SETUPBEAMFLAG_MASKABLE	NONE			
GTK7BC1L_TO_PLTMMH2_G5	ACTUAL_OK	NONE			
GTK7BC1L_TO_PLTMMH2_GU	ACTUAL_OK	NONE			
PLTKMH2_TO_SIS18_GU	SETUPBEAMFLAG_MASKABLE	NONE			
GTP1MU1_TO_GTH4MU2	INTERLOCK	NONE			
ESR_TO_HTR	SETUPBEAMFLAG_MASKABLE	NONE			
GTS1MU1_TO_GTS3MU1	SETUPBEAMFLAG_MASKABLE	NONE			
GHFSMU1_TO_GTS6MU1	INTERLOCK	NONE			
GTS6MU1_TO_GTS6MU1	SETUPBEAMFLAG_MASKABLE	NONE			
GTS6MU1_TO_GTS7MU1	INTERLOCK	NONE			
ESR_TO_GTV2MU2	INTERLOCK	NONE			
GTV2MU2_TO_GTV2MU3	SETUPBEAMFLAG_MASKABLE	NONE			
GUS4MK6_TO_GUT1MK0	ACTUAL_OK	NONE		true	
GUH1MU2_TO_GUH2BC1L	ACTUAL_OK	NONE			
GUH2BC1L_TO_GUS3MK1	ACTUAL_OK	NONE			
UL_TO_GUH1MU2	ACTUAL_OK	NONE			
GUL4MS1H	ACTUAL_OK	NONE		true	
GUL4MS1V	ACTUAL_OK	NONE		true	
GUL4QT11	ACTUAL_OK	NONE		true	
GUL4QT12	ACTUAL_OK	NONE		true	
GUL4QT13	ACTUAL_OK	NONE		true	
GUL4VVT	ACTUAL_OK	NONE		true	
GUL5MS2H	ACTUAL_OK	NONE		true	
GUL5MS2V	ACTUAL_OK	NONE		true	
GUL5MU1	ACTUAL_OK	NONE		true	
GUL5QD21	ACTUAL_OK	NONE		true	
GUL5QD22	ACTUAL_OK	NONE		true	
GUL5QT31	ACTUAL_OK	NONE		true	
GUL5QT32	ACTUAL_OK	NONE		true	
GUL5QT33	ACTUAL_OK	NONE		true	
GUL5VVT	ACTUAL_OK	NONE		true	
GUM2MU5_TO_LIM1	SETUPBEAMFLAG_MASKABLE	NONE			
GUM3MU6_TO_LIM2	SETUPBEAMFLAG_MASKABLE	NONE			
GUM3MU6_TO_LIM3	SETUPBEAMFLAG_MASKABLE	NONE			
GUT1MK0_TO_GUM2MU5	ACTUAL_OK	NONE			
GUN3BC1L_TO_GUN6MU2	ACTUAL_OK	NONE			