

07\_Shutdown\_Activity\_List

Nr.	Vorgang	PLProjectName	PLLink	PSP Code	Activity Code	Priority of ACC	Text3	Impact to FAIR commissioning	Impact to FAIR Day 1	Priority MK	Vorgangname
1											<b>Priority:</b>
2											<b>0: don't-do-now</b>
3											<b>1: Must-do-now</b>
4											<b>2: will be scheduled, if resources are granted</b>
5											<b>3: will be scheduled when technically ready</b>
6											<b>4: will be scheduled when ready and resources granted</b>
7											<b>Impact</b>
8											<b>5: critical</b>
9											<b>4: significant improvement</b>
10											<b>3: important</b>
11											<b>2: beneficial</b>
12											<b>1: okay</b>
13											<b>0: others</b>
14										<b>P. Schütt</b>	<b>Gemeinsame Einrichtungen / Randbedingungen</b>
15											EPS - Shutdown of 20kV Puls-switchgear, replacement of components in UA Urberach
16											<b>GAT</b>
17											GAT - Repair crane Unilac EH
18											GAT - Modernize crane TH-Halle
19											GAT - crane rails TR-EX-TH-Hallen
20											<b>BAU</b>
21							5				BAU - Dachsanierung HF-Galerie
22						1					BAU - Lüftungs-Sanierung LA15 (HKR Konsolen-Kühlung)
23						1					BAU - Brandschutz- und TGA-Sanierung BR3 (ACO moves to new location. limited access to HKR)
24						1					BAU - Ersatzbau HF (forseen intereere, can be managed, the connection to the existing HF facility has to be outside the beam time window)
25						1					BAU - False Floor of electronic room BG.2.009 needs to be replaced
26						1					BAU - Austausch Doppelboden in LSB (VR) work to be completed
27						1					BAU - fire protection in the TR TH and TX halls can interfere with beam time (should be in the shutdown)
28											<b>FSB - FAIR connection, GAF et al.</b>
29											GAF completion (acceptance, ...) Mr. Schulmann
30											mitigate water issue in SIS kicker room and staircase
31											Anschluss Tunnel 101
32								5	5		Vorbereitung Anschluss p-Linac (Leitungen umlegen, etc.)
33											<b>ACO (Kontrollsystem)</b>
34											to be included from ACO plan
35											to be included from ACO plan
36						in discussion	5				Technical Request #1 <a href="https://www.gsi.de/fileadmin/Beschleunigerbetrieb/Dokumente/DAVE-Request_Dec2019_Prop">https://www.gsi.de/fileadmin/Beschleunigerbetrieb/Dokumente/DAVE-Request_Dec2019_Prop</a>
37											<b>ARP (Accelerator Radiation Protection)</b>
38						in discussion	5				TVS Technical Request #2 <a href="https://www.gsi.de/fileadmin/Beschleunigerbetrieb/Dokumente/TVS-Request_Propo">https://www.gsi.de/fileadmin/Beschleunigerbetrieb/Dokumente/TVS-Request_Propo</a>
39											\$66-Prüfung
40											<b>Shutdown Activity List</b>
41		<b>07_01_IonSources</b>								<b>R. Hollinger</b>	<b>07_01_IonSources</b>
42		07_01_IonSources		7.1.6	S007						Ion Sources - PRIDE   Shutdown or Installation in 2020 ?
43		<b>07_02_UNILAC</b>		<b>7.2</b>						<b>H. Vormann</b>	<b>UNILAC</b>
44		07_02_UNILAC		7.2.1	S007						UNILAC - HSI RFQ Upgrade   Shutdown Ac. 2021 !
45		07_02_UNILAC		7.2.3	S007						UNILAC -Replacement of Steerer Power Converter (8pcs.)   Shutdown Ac. 2020 !
46		07_02_UNILAC		7.2.6	S007	1	5				UNILAC - High current beam diagnostics non-destructive (single-pulse-selective MAPS/MAPS 2.0", beam position monitors?, BIF?, BSM?) (BEA)   Shutdown Ac. 2020-2022 ?!
47		07_02_UNILAC		7.2.7	S007	1					UNILAC - Repair BB11   Shutdown Ac. 2020 !
48		07_02_UNILAC		7.2.7	S007	1	3	3	3		UNILAC - Ölwechsel Drehschieberpumpe   Shutdown Ac. 2020 !
49		07_02_UNILAC		7.2.7	S007	1	3	3	3		UNILAC - Gateventile mit Durchgangslecks ersetzen (4 pcs.)   Shutdown Ac. 2020 !
50		07_02_UNILAC		7.2	S007	1	4				UNILAC - A3DR Tausch   Shutdown Ac. 2020 !
51		07_02_UNILAC		7.2	S007	1	4				UNILAC - HF Wartung & Tests   Shutdown Ac. 2020 !
52		<b>07_03_SIS18</b>		<b>7.3</b>						<b>P. Spiller</b>	<b>SIS18</b>
53		07_03_SIS18		7.3.2	S007	3	1	5	5		SIS18 - GTS1MU1 Magnet   Shutdown Ac. 2020 !
54		07_03_SIS18		7.3.3	S007	3	1	5	5		SIS18 - GTS1MU1 P. C. - Installation in supply area   Shutdown Ac. 2020 !
55		07_03_SIS18		7.3.3	S007	1					SIS18 - Replacement of Quadrupol-Trafos in Shutdown 2020 !
56		07_03_SIS18		7.3.3	S007						SIS18 - Power cable from transformer station   Shutdown Ac. 2021-2022 !
57		07_03_SIS18		7.3.4	S007	2	4	0	0		SIS18 - Spillglättungskavität   Shutdown Ac. 2020 !
58		07_03_SIS18		7.3.5	S007	3	5				SIS18 - Erneuerung electrostatisches Extraktionsseptum   Shutdown Ac. 2022 !
59		07_03_SIS18		7.3.6	S007	4	3	4	3		SIS18 - IPM Magnet and Vacuum Chamber   Shutdown Ac. 2019-20 !
60		07_03_SIS18		7.3.6	S007	4	3	4	3		SIS18 - IPM power converter   Shutdown Ac. 2019-20 !
61		07_03_SIS18		7.3.7	S007						SIS18 - Replacement IZ UHV Pumps   Shutdown Ac. 2020 !
62		07_03_SIS18		7.3.7	S007						SIS18 - Replacement IZ UHV Pumps   Shutdown Ac. 2021 !
63		<b>07_04_FRS</b>		<b>7.4</b>						<b>Ph.Schwarz</b>	<b>FRS</b>
64		07_04_FRS		7.4.3	S007						FRS - Modification of ACCU-System - 1 pc Dipole Power Converter   Shutdown Ac. 2020 !
65		07_04_FRS		7.4.3	S007						FRS - Modification of ACCU-System - 3 pcs of Power Converters for Dipole   Shutdown Ac. 20
66		07_04_FRS		7.4.3	S007						FRS - Power Converters for Steerer Magnets - 2 pcs   Shutdown 2020 !
67		07_04_FRS		7.4.6	S007						FRS - Upgrade Roboter 2021   Shutdown Ac. In 2021 !
68		07_04_FRS		7.4.88	S007	1					FRS - Installation of WASA Magnet in FRS Experiment cave   Shutdown Ac. in 2021 ?
69		07_04_FRS		7.4.88	S007	1					FRS - Installation of WASA Power Converter in FRS Experiment cave Shutdown Ac. 2020/202
70		07_04_FRS		7.4	S007						FRS - Steppermotor upgrade   Shutdown Ac. 2020 !
71		07_04_FRS		7.4	S007						FRS - Vacuum upgrade   Shutdown Ac. 2020 !
72		07_04_FRS		7.4	S007						FRS - Messhütte   Shutdown Ac. 2020/2021 !
73		07_04_FRS		7.4	S007						FRS - Conversion of storgae in lab space   Shutdown Ac. 2020 !
74		<b>07_05_ESR</b>		<b>7.5</b>						<b>M. Steck</b>	<b>ESR</b>
75		07_05_ESR		7.5.3	S007	1					ESR - Replacement of AEG SPS control-unit to new S7 control-unit for Power Converter   Shut
76		07_05_ESR		7.5.3	S007						ESR - Digitization of power converter values   Shutdown Ac. 2021 !
77		07_05_ESR		7.5.4	S007						ESR - Completion and commissioning of Barrier Bucket System   Shutdown Ac. 2021 !
78		07_05_ESR		7.5.7	S007						ESR - Replacement of sputter ion pumps (48 pcs.)   Shutdown Ac. 2021 !
79		07_05_ESR		7.5.7	S007						ESR - Replacement of Sector Valves (2 pcs.)   Shutdown Ac. 2021 !
80		07_05_ESR		7.5.10	S007	2	5				ESR - Maintenance in Shutdown 2020 for Project Repair of electron cooler drift tube   Shutdown Ac. 2021 !
81		07_05_ESR		7.5.14.10	S007						ESR - Digitization Control Systems   Shutdown Ac. 2021 !
82		<b>07_06_Cryring</b>		<b>7.6</b>						<b>F. Herfurth</b>	<b>Cryring</b>
83		07_06_Cryring		7.6	S007						Cryring - Linac RF Upgrade   Shutdown Ac. 2020 - 2021 !
84		07_06_Cryring		7.6	S007						Cryring - Ring RF Upgrade   Shutdown Ac. 2020 - 2022 !
85		07_06_Cryring		7.6	S007						Cryring - EBIT   Shutdown Ac. 2020 - 2022 ?
86		07_06_Cryring		7.6	S007						Cryring - Cooler Upgrade   Shutdown Ac. 2020 - 2022 !
87		<b>07_07_HEST</b>		<b>7.7</b>						<b>M. Sapinski</b>	<b>HEST</b>
88		07_07_HEST		7.7.2	S007	3	3	5	5		HEST - dip16 (BINP - Amendment to HEBT magnets batch 2&3)   Shutdown Ac. 2021 !
89		07_07_HEST		7.7.2	S007	3	3	5	5		HEST - Refurbishment of quadrupole magnets (3 pcs.)   Shutdown Ac. 2021 !
90		07_07_HEST		7.7.3	S007	3	3	5	5		HEST - movement/connection of dipole Power Converters (for old TS1MU1)   Shutdown Ac. 20
91		07_07_HEST		7.7.3	S007	3	3	5	5		HEST - movement/connection of dipole Power Converters (for old TS1MU1)   Shutdown Ac. 20
92		07_07_HEST		7.7.6	S007	1	4				HEST - Exchange of GTE2DK4 diagnostic box, including bakeable SEM grid   Shutdown Ac. 2
93		<b>07_09_HITRAP</b>		<b>7.9</b>						<b>F. Herfurth</b>	<b>HITRAP</b>
94		07_09_HITRAP		7.9	S007						HITRAP - Refit Beamline/Decelerator   Shutdown Ac. 2020 !
95		07_09_HITRAP		7.9	S007						HITRAP - Refit Cooling trap   Shutdown Ac. 2020 !
96		<b>07_21_UNILAC_PS_Upg</b>		<b>7.21</b>						<b>L. Groening</b>	<b>UNILAC_PS Upgrade</b>
97		07_21_UNILAC_PS_Upgrade		7.21	S007	to be clarified					Alvarez 2.0 - FoS High power Test 1 phase 3 (coppered, empty DT)   Shutdown Ac. 2020 ?
98		<b>07_22_CW_LINAC</b>		<b>7.22</b>						<b>W. Barth</b>	<b>CW_LINAC</b>
99		07_22_CW_LINAC		7.22	S007						CW LINAC - Commissioning of the He-infrastructure   Shutdown Ac. 2020 !
100		07_22_CW_LINAC		7.22	S007						CW LINAC - Installation of the GUCW beamline   Shutdown Ac. 2020 !
101		07_22_CW_LINAC		7.22.6	S007						CW LINAC - cabling the beam diagnostics elements   Shutdown Ac. 2020 !
102		07_22_CW_LINAC		7.22.7	S007						CW LINAC - cabling the vacuum components   Shutdown Ac. 2020 !
103		07_22_CW_LINAC		7.22.7	S007						CW LINAC - commissioning vacuum   Shutdown Ac. 2020 !
104		07_22_CW_LINAC		7.22	S007						CW LINAC - BD-components- commissioning (without beam)   Shutdown Ac. 2020 !

