

LCLS-I LLRF Fall 2013 Downtime - April 2014 Linac Upgrade

LCLS LLRF Screenshots at start of Fall 2013 Downtime

LCLS LLRF Linac Upgrade Screenshots on April 7th 2014

LCLS LLRF MAC addresses (web page view)

IOC name	Description	RTEMS VER	EPICS BASE VER	APP SW VER	udpC omm	Non-udpComm	Feedback	Non-Feedback	MCAST GROUP	STATIO N NUM
ioc-in20-rf01	Master IOC RF01 in IN20 (Main)	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Llr4-R1-7-2-BR-4-0						
ioc-in20-rf02	Master IOC RF02 (Coherent Lsr)	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	LLRF/Upgrades/Coherent_laser /llrf4_Coherent_Laser						
ioc-in20-rf03	Master IOC RF03 (Diagnostics)	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3						
ioc-in20-rf04	Master IOC RF04 (TCAV0)	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R3-1-5						
ioc-ll24-rf01	Master IOC in LI24 (Main)	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Llr4-R1-7-2-BR-2-0 LLRF/Llr4-R1-7-2-BR-8-0						
ioc-ll24-rf02	Master IOC RF02 (Diagnostics)	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	#6MAIN-TRUNK Not booted. Unused.						
ioc-dmp1-rf01	Master IOC RF01 in DMP1 (XTCVAV)	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R3-1-5						
eioc-in20-rd01	Main Drive Line /Reference PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pad-R3-3-0		V	V			
eioc-in20-rd02	Thales Laser PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pad6-R1-3-0	V			V	IOC-IN20-RF01-PADG	1
eioc-in20-rd03	Gun1 PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pad6-R1-3-0	V			V	IOC-IN20-RF01-PADG	2
eioc-in20-rd04	Gun2 PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pad-R3-2-0		V		V		
eioc-in20-rd05	Klystron 20-6 Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3	V			V	IOC-IN20-RF03-PADG	4
eioc-in20-rd06	L0A/L0B PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pad6-R1-3-0	V		V		IOC-IN20-RF01-PADG	3
eioc-in20-rd07	Klystron 20-7 Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3	V			V	IOC-IN20-RF03-PADG	5
eioc-in20-rd08	Klystron 20-8 Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3	V			V	IOC-IN20-RF03-PADG	6
eioc-in20-rd09	TCAV0 PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R3-1-5	V		V		IOC-IN20-RF01-PADG	7
eioc-in20-rd10	Klystron 20-5 Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3	V			V	IOC-IN20-RF03-PADG	3
eioc-in20-rd11	L1S PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pad6-R1-3-0	V		V		IOC-IN20-RF01-PADG	5
eioc-in20-rd12	Klystron 21-1 Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3	V			V	IOC-IN20-RF03-PADG	1
eioc-in20-rd13	PCAV1/PCAV2 PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pad6-R1-3-0 LLRF/Pad6-R1-3-0-PH1PH2	V			V	IOC-IN20-RF01-PADG IOC-LI24-RF01	9
eioc-in20-rd14	L1X PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pad6-R1-3-0	V		V		IOC-IN20-RF01-PADG	6
eioc-in20-rd15	Klystron 21-2 Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3	V			V	IOC-IN20-RF03-PADG	7
eioc-in20-rd16	Coherent Laser PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	LLRF/Upgrades/pad6	V			V	IOC-IN20-RF02-PADG	1
eioc-in20-rd17	476MHz Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llr6-R2-2-3	V			V	IOC-IN20-RF03-PADG	2
eioc-ll24-rd01	TCAV3 PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pad6-R1-3-0	V		V		IOC-LI24-RF01-PADG	8
eioc-ll24-rd02	Klystron 24-8 Diagnostics/PCAV3	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pad6-R1-3-0	V			V	IOC-LI24-RF01-PADG	11

eioc-li24-rd03	Klystron 24-5 Diagnostics PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	LLRF6/Llrf6/MAIN TRUNK LLRF6/Llrf6/Llrf6-R3-2-0	V			V	IOC-LI24-RF02-PADG	1
eioc-li29-rd01	PCAV4 PAD	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pad6-R1-3-0	V			V	IOC-LI24-RF01-PADG	12
eioc-dmp1-rd01	XTCV PAD1	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llrf6-R3-1-5	V		V		IOC-DMP1-RF01-PADG	1
eioc-dmp1-rd02	XTCV PAD2	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llrf6-R3-1-5	V			V	IOC-DMP1-RF01-PADG	2
eioc-dmp1-rd03	XTCV KLY Diag PAD	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llrf6-R3-1-5	V			V	IOC-DMP1-RF01-PADG	3
eioc-in20-rc01	Reference SPAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac-R5-2-0		V		V (FastFeed bak)		
eioc-in20-rc02	MDL SPAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac-R5-2-0		V		V (FastFeed bak)		
eioc-in20-rc03	LCL SPAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac-R5-2-0		V		V		
eioc-in20-rc04	CLK SPAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac-R5-2-0		V		V		
eioc-in20-rc05	Thales Laser SPAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac2-R1-0-0	V			V (Local FB)	IOC-IN20-RF01-PACG	1
eioc-in20-rc06	Gun PAC 20-6	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac2-R1-0-0	V			V (Local FB)	IOC-IN20-RF01-PACG	2
eioc-in20-rc07	L0A PAC 20-7	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac2-R1-0-0	V		V (Local + FF)		IOC-IN20-RF01-PACG	3
eioc-in20-rc08	L0B PAC 20-8	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac2-R1-0-0	V		V (Local + FF)		IOC-IN20-RF01-PACG	4
eioc-in20-rc09	TC0 PAC 20-5	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llrf6-R3-1-5	V			V (Local FB)	IOC-IN20-RF01-PACG	7
eioc-in20-rc10	L2 SPAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac2-R1-0-1	V			V (FastFeed bak)	IOC-IN20-RF01-PACG	18
eioc-in20-rc11	L1S PAC 21-1	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac2-R1-0-2	V		V (Local + FF)		IOC-IN20-RF01-PACG	5
eioc-in20-rc12	L1X PAC 21-2	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	Pac2-R1-0-0	V		V (Local + FF)		IOC-IN20-RF01-PACG	6
eioc-in20-rc13	Coherent Laser SPAC	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	LLRF/Upgrades/pac2	V			V (Local FB)	IOC-IN20-RF02-PACG	1
eioc-li24-rc01	KLY 24-1 PAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pac2-R1-0-0	V			V (FastFeed bak)	IOC-LI24-RF01-PACG	13
eioc-li24-rc02	KLY 24-2 PAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pac2-R1-0-0	V			V (FastFeed bak)	IOC-LI24-RF01-PACG	14
eioc-li24-rc03	KLY 24-3 PAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pac2-R1-0-0	V			V (FastFeed bak) V (change to FF)	IOC-LI24-RF01-PACG	15
eioc-li24-rc04	TCAV3 PAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pac2-R1-0-0	V			V (Local FB)	IOC-LI24-RF01-PACG	8
eioc-li24-rc05	S24 SPAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pac-R5-2-0		V		V		
eioc-li24-rc07	KLY 24-5 PAC	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	LLRF6/Llrf6-R3-0-1		V		V		
eioc-li29-rc01	S29 PAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pac2-R1-0-0	V			V (FastFeed bak)	IOC-LI24-RF01-PACG	16
eioc-li30-rc01	S30 PAC	RTEMS-4.9.4-slac_p1	EPICS R3.14.8.2-LCLS_5	LLRF/Pac2-R1-0-0	V			V (FastFeed bak)	IOC-LI24-RF01-PACG	17
eioc-dmp1-rc01	XTCV PAC	RTEMS-4.9.4-slac_p0	EPICS R3.14.12-SLAC_2	Llrf6-R3-1-5	V			V (Local FB)	IOC-DMP1-RF01-PACG	1
sioc-sys0-rf01	L2/L3 Phase Control	Linux 2.6.18-274.18.1.el5PAE i686	EPICS R3.14.12-SLAC_2	Llrf6-R3-0-7				V (FastFeed bak)		
sioc-sys0-rf02	PCAV/PAU-Mux Alarms	Linux 2.6.18-274.18.1.el5PAE i686	EPICS R3.14.12-SLAC_2	Llrf6-R3-0-8						
sioc-in20-rf01	Diagnostics softLlrf	Linux 2.6.18-274.18.1.el5PAE i686	EPICS R3.14.12-SLAC_2	Llrf6-R2-2-0						

[illegible]