

IN20NetworkNodes

Network Nodes for Injector Area at Sector 20

[LCLS Naming Conventions](#)
[Network CAT6 Runs](#)

Type:[Cameras	LCLS PCI Mezzanine Card Inventory]				
Subnet: LCLSVIDEO					
LAN Speed: 1000					
Person:[S. Peng	Sheng Peng]				
[Node Name	NetworkPagePreamble]	Model	Subsystem	Area	Rack Location
CAMR-IN20-LS11	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-IN20-LS12	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-IN20-LS13	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-IN20-LS14	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-IN20-LS15	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-IN20-LS16	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-IN20-LS17	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-IN20-LS18	Pulnix	[Laser Steering	Sheng Peng]	Injector Vault	
CAMR-LR20-LS01	Pulnix	[Laser Steering	Sheng Peng]	Laser Room	
CAMR-IN20-B801	Pulnix	[Profile Monitor	Sheng Peng]	Linac Beam Line	
CAMR-IN20-B802	Pulnix	[Profile Monitor	Sheng Peng]	Linac Beam Line	
CAMR-IN20-B803	Pulnix	[Profile Monitor	Sheng Peng]	Linac Beam Line	
CAMR-IN20-B901	Pulnix	[Profile Monitor	Sheng Peng]	Linac Beam Line	
CAMR-IN20-B902	Pulnix	[Profile Monitor	Sheng Peng]	Linac Beam Line	
CAMR-IN20-B903	Pulnix	[Profile Monitor	Sheng Peng]	Linac Beam Line	

Type: [VME Crate	LCLS VME Crate Inventory]					
Subnet: LCLSUTIL						
Speed: Auto						
[Node Name	NetworkPagePreamble]	Model	No of Slots	Subsystem	Area	Rack Location
CRAT-IN20-LS11	Wiener	21	[Laser Steering	Sheng Peng]	Injector Vault	
CRAT-IN20-MC01	Wiener	7	[Wire Scanner	Doug Murray]	Klystron Gallery	
CRAT-IN20-PP01	Dawn 6100	2	[PPS	Arturo Alarcon]	Klystron Gallery	
CRAT-IN20-MP01	Wiener	7	[IMPS	Arturo Alarcon]	Klystron Gallery	
CRAT-IN20-MG01	Wiener	21	[Magnet	Kristi Luchini]	Klystron Gallery	[LKG-0423 http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]
CRAT-IN20-IM01	Dawn 3800	5	[Current Monitor	Sheng Peng]	Klystron Gallery	
CRAT-IN20-PM01	Wiener	21	[Profile Monitor	Sheng Peng]	Klystron Gallery	
CRAT-IN20-PM02	Wiener	21	[Profile Monitor	Sheng Peng]	Klystron Gallery	
CRAT-IN20-AM01	Dawn 6100	2	[Alignment Mirror	Sheng Peng]	Klystron Gallery	
CRAT-IN20-BC01	Wiener	7	[BCS	Arturo Alarcon]	Klystron Gallery	
CRAT-LR20-LS01	Dawn 3800	5	[Laser Steering	Sheng Peng]	Laser Room	
CRAT-IN20-EV01	Wiener	21	[Event Generator	Stephanie Allison]	RF Hut	
CRAT-IN20-BP01	Wiener	21	[BPM	Till Straumann]	RF Hut	
CRAT-IN20-BP02	Wiener	21	[BPM	Till Straumann]	RF Hut	
CRAT-IN20-RF01	Wiener	21	[LLRF	Dayle Kotturi]	RF Hut	

Type: [Power Switch	LCLS Power Switch Inventory]			
*Subnet:*LCLSUTIL				
LAN Speed: Auto				
Model: WTI IPS-400				
[Node Name	NetworkPagePreamble]	Person	Area	Rack Location
ACSW-IN20-????	[A.Alarcon	Arturo Alarcon]	Klystron Gallery	
ACSW-IN20-????	[S.Peng	Sheng Peng]	Klystron Gallery	

Type: [Event	LCLS VME Event Module Inventory]			
*Subnet: *LCLSUTIL				
*LAN Speed:*100				
[Name Name	NetworkPagePreamble]	Subsystem	Area	Rack Location
EVG-IN20-EV01	[Event Generator	Stephanie Allison]	RF Hut	
EVR-IN20-RF01	[Event Receiver	Dayle Kotturi]	RF Hut	
EVR-IN20-RF02	[Event Receiver	Dayle Kotturi]	RF Hut	
EVR-IN20-RF03	[Event Receiver	Dayle Kotturi]	RF Hut	
EVR-IN20-BP01	[Event Receiver	Till Straumann]	RF Hut	
EVR-IN20-BP02	[Event Receiver	Till Straumann]	RF Hut	
EVR-LR20-LS01	[Event Receiver	Sheng Peng]	Laser Room	

Type: [EPICS IOC	LCLS Processor Inventory]	
*Subnet:*LCLSCA or LCLSDMZ		
*LAN Speed:*1000		
Serial Ports per IOC: 1		

[Node Name	NetworkPagePre amble]	Mo del	No of LAN Ports	Subsystem	SLC- Aware IOC?	Subn et	Area	Rack Location
IOC-IN20-BP01	mvme6100	2	[BPMs	Till Straumann]	Yes		RF Hut	
IOC-IN20-BP02	mvme6100	2	[BPMs	Till Straumann]	Yes		RF Hut	
IOC-IN20-EV01	mvme6100	2	[Event Generator	Stephanie Allison]	No	LCLS DMZ	RF Hut	
IOC-IN20-EV02	mvme6100	2	[Event Receiver Test	Stephanie Allison]	No	LCLS DMZ	RF Hut	
IOC-IN20-MP01	mvme6100	2	[IMPS	Arturo Alarcon]	No		Klystron Gallery	
IOC-IN20-PP01	mvme6100	2	[PPS	Arturo Alarcon]	No		Klystron Gallery	
IOC-IN20-BC01	mvme6100	2	[BCS	Arturo Alarcon]	No		Klystron Gallery	
IOC-IN20-LS11	mvme6100	2	[Steering	Sheng Peng]	Yes		Injector Vault	
IOC-IN20-LS12	mvme6100	2	[Steering	Sheng Peng]	Yes		Injector Vault	
IOC-IN20-LS13	mvme6100	2	[Steering	Sheng Peng]	No		Injector Vault	
IOC-IN20-LS14	mvme6100	2	[Steering	Sheng Peng]	No		Injector Vault	
IOC-IN20-LS15	mvme6100	2	[Steering	Sheng Peng]	No		Injector Vault	
IOC-IN20-LS16	mvme6100	2	[Steering	Sheng Peng]	No		Injector Vault	
IOC-IN20-LS17	mvme6100	2	[Steering	Sheng Peng]	No		Injector Vault	
IOC-IN20-LS18	mvme6100	2	[Steering	Sheng Peng]	No		Injector Vault	
IOC-IN20-LS19	mvme6100	2	[Steering	Sheng Peng]	No		Injector Vault	
IOC-LR20-LS01	mvme6100	2	[Steering	Sheng Peng]	No		Laser Room	
IOC-IN20-MG01	mvme6100	2	[Magnets	Kristi Luchini]	Yes	LCLS CA	Klystron Gallery	[LKG- 0423-S1
IOC-IN20-RF01	mvme6100	2	[LLRF	Dayle Kotturi]	Yes		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[SPAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[SPAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[SPAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[SPAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[SPAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[SPAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		RF Hut	

<http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf>]

EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAC	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		Klystron Gallery	
EIOC-IN20-	Arcturus μ C5282 Coldfire	1	[PAD	Dayle Kotturi]	No		Klystron Gallery	
IOC-IN20-IM01	mvme6100	2	[Current Monitor	Sheng Peng]	Yes		Klystron Gallery	
IOC-IN20-AM01	mvme6100	2	[Alignment Mirror	Sheng Peng]	No		Klystron Gallery	
IOC-IN20-VA01	mvme6100	2	[Vacuum and Temperature	Stephen Schuh]	No		Klystron Gallery	
IOC-IN20-MC01	mvme6100	2	[Motion Control	Doug Murray]	No		Klystron Gallery	
IOC-IN20-PM01	mvme6100	2	[Profile Monitor	Sheng Peng]	No		Klystron Gallery	
IOC-IN20-PM02	mvme6100	2	[Profile Monitor	Sheng Peng]	No		Klystron Gallery	
IOC-IN20-PM03	mvme6100	2	[Profile Monitor	Sheng Peng]	No		Klystron Gallery	
IOC-IN20-PM04	mvme6100	2	[Profile Monitor	Sheng Peng]	No		Klystron Gallery	
IOC-IN20-PM05	mvme6100	2	[Profile Monitor	Sheng Peng]	No		Klystron Gallery	
IOC-IN20-PM06	mvme6100	2	[Profile Monitor	Sheng Peng]	No		Klystron Gallery	
IOC-IN20-PM07	mvme6100	2	[Profile Monitor	Sheng Peng]	No		Klystron Gallery	

Type:[Motor Controller	LCLS Motor Controller Inventory]					
Subsystem:						
LAN Speed: 1000						
[Node Name	NetworkPagePreamble]	Model		Subsystem	Area	Rack Location
MOTR-IN20-IV101	Newport XPS Motor Controller	[Steering	Sheng Peng]	Injector Vault		
MOTR-IN20-IV102	Newport XPS Motor Controller	[Steering	Sheng Peng]	Injector Vault		
MOTR-IN20-LR603	Newport XPS Motor Controller	[Steering	Sheng Peng]	Laser Room		

Type: [Ethernet Power Supply Controller	LCLS Magnet EPSC Inventory]			
Subnet: LCLSINST				
LAN Speed: 100				
Serial Ports per Device: 1				
Subsystem: Magnets				
Person: [K. Luchini	Kristi Luchini]			
[Node Name	NetworkPagePreamble]	Processor	Area	Rack Location
PSC-IN20-MG01	NetBurner MOD5082 Coldfire	Klystron Gallery	[LKG-0135	http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]
PSC-IN20-MG02	NetBurner MOD5082 Coldfire	Klystron Gallery	[LKG-0133	http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]
PSC-IN20-MG03	NetBurner MOD5082 Coldfire	Klystron Gallery	[LKG-0237	http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]
PSC-IN20-MG04	NetBurner MOD5082 Coldfire	Klystron Gallery	[LKG-0235	http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]
PSC-IN20-MG05	NetBurner MOD5082 Coldfire	Klystron Gallery	[LKG-0233	http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]

Type: [Programmable Logix Controller	LCLS PLC Inventory]						
Subnet: LCLSINST							
LAN Speed: 100							
[Node Name	NetworkPagePreamble]	Model	No of Serial Ports	Subsystem	Area	Rack Location	
PLC-IN20-MG01	Allen-Bradley 1756-L61/A	1	[Magnets	Kristi Luchini]	Klystron Gallery	[LKG-0331	http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]
PLC-IN20-VA01	Allen-Bradley PLC	25	[Vacuum	Stephen Schuh]	Klystron Gallery		
PLC-IN20-TM01	Allen-Bradley PLC	0	[Temperature Meas	Stephen Schuh]	Klystron Gallery		
PLC-IN20-PP01	Allen-Bradley PLC	0	[PPS	Arturo Alarcon]	Klystron Gallery		
PLC-IN20-PP02	Allen-Bradley PLC	0	[PPS	Arturo Alarcon]	PPS	Klystron Gallery	

Type: [Network Switch	LCLS Network Switch Inventory]		
Subnet:			
LAN Speed: 1000			
Model: Cisco 3750			
Ports per Device: 24			
Person: [T. Lahey	Terri Lahey]		
[Node Name	NetworkPagePreamble]	Area	Rack Location
SWH-IN20-NW01	Injector Vault	LIT-01	
SWH-IN20-NW02	Injector Vault	LIT-01	
SWH-IN20-NW03	Injector Vault		
SWH-IN20-NW03	RF Hut	LKG-24	
SWH-IN20-NW04	RF Hut	LKG-24	
SWH-IN20-NW05	RF Hut	LKG-24	
SWH-IN20-NW06	RF Hut	LKG-24	
SWH-IN20-NW07	RF Hut		
SWH-IN20-NW08	RF Hut		

Type: [Terminal Server	LCLS Terminal Server Inventory]			
Subnet: LCLSUTIL				
LAN Speed: Auto				
*Model:*DIGI PortServer TS16				
*Serial Ports Per Device:*16				
Person: [T. Lahey	Terri Lahey]			
[Node Name	NetworkPagePreamble]	Area	Rack Location	
[TS-IN20-NW01	http://ts-in20-nwxx]	Klystron Gallery		
[TS-IN20-NW02	http://ts-in20-nwxx]	Klystron Gallery	[LKG-0638	http://mdweb.slac.stanford.edu/Doc%20Control.Utilities.View%20Images.displayImage.php?img=pdf/Released/3/ei3802010110.pdf]
[TS-IN20-NWxx	http://ts-in20-nwxx]	Klystron Gallery	LKG-1049	
[TS-IN20-NWxx	http://ts-in20-nwxx]	Klystron Gallery	LKG-1048	

*Type:*Walk-Up Wall Jack				
Subnet:				
Min LAN Speed: 100				
*Purpose:*Walk Up Maintenance				
*Person:*Fred Hooker				
[Node Name	NetworkPagePreamble]	Area	Rack Location	
WKUP-IN20-O101	Injector Vault			
WKUP-IN20-O102	Injector Vault			
WKUP-IN20-O103	Injector Vault			
WKUP-IN20-O104	Injector Vault			
WKUP-IN20-O205	Injector Vault			
WKUP-IN20-O206	Injector Vault			
WKUP-IN20-O207	Injector Vault			
WKUP-IN20-O208	Injector Vault			
WKUP-IN20-O309	Injector Vault			
WKUP-IN20-O310	Injector Vault			
WKUP-IN20-O311	Injector Vault			
WKUP-IN20-O312	Injector Vault			
WKUP-IN20-R100	RF Hut			
WKUP-IN20-R101	RF Hut			
WKUP-IN20-K800	Klystron Gallery			
WKUP-IN20-K850	Klystron Gallery			
WKUP-IN20-K900	Klystron Gallery			
WKUP-IN20-K950	Klystron Gallery			