

Organization of digitizers at GSI

(This table includes the positions of digitizers in S4, their IP's and MAC addresses)

Position	Module	Old IP*	New IP	MAC address	Remark
R↑1	Core10	10.10.31.10	10.10.30.10	00-20-4A-91-9D-F3	
	Segment10	10.10.30.8	10.10.31.10	00-20-4A-91-9D-95	
R↑2	Core11	10.10.30.15	10.10.30.11	00-20-4A-A6-16-F2	One of the segment channel is broken
	Segmane11	10.10.31.8	10.10.31.11	00-20-4A-91-9D-CC	Not synchronized in DAQ – removed on 20 th May
				00-20-4A-91-9D-D5	Not synchronized in DAQ – removed on 20 th May12
				00-20-4A-91-9D-DF	Presently installed
R↑3	Core12	10.10.30.10	10.10.30.12	00-20-4A-91-44-0D	
	Segment12	10.10.31.10	10.10.31.12	00-20-4A-91-9D-CA	
R↑4	Core13	10.10.30.12	10.10.30.13	00-20-4A-91-9D-E3	
	Segment13	10.10.31.12	10.10.31.13	00-20-4A-91-9D-D4	
R↑5	Core14	193.48.87.98	10.10.30.14	00-20-4A-CA-0B-4A	
	Segment14	193.48.87.109	10.10.31.14	00-20-4A-CA-0B-4C	
R↑6	Core15	198.168.7.88	10.10.30.15	00-20-4A-C9-89-92	
	Segment15	198.168.7.89	10.10.31.15	00-20-4A-C9-86-99	
R↑7	Core16	10.10.30.11	10.10.30.16	00-20-4A-91-44-14	
	Segment16	10.10.31.11	10.10.31.16	00-20-4A-91-9D-C2	
R↑8	Core17	10.10.30.7	10.10.30.17	00-20-4A-91-9C-99	
	Segment17	10.10.31.7	10.10.31.17	00-20-4A-91-9D-D3	
R↑9	Core18	10.10.30.3	10.10.30.18	00-20-4A-91-9D-D8	
	Segment18	10.10.31.3	10.10.31.18	00-20-4A-91-9D-BA	
R↑10	Core19	10.10.30.17	10.10.30.19	00-20-4A-91-9D-F1	
	Segment19	10.10.31.17	10.10.31.19	00-20-4A-91-9D-C3	
R↑11	Core20	10.10.30.5	10.10.30.20	00-20-4A-91-9D-DC	SEGMENT2 –CH5 is BAD(s/n=25)– SPARE o.k.
	Segment20	10.10.31.5	10.10.31.20	00-20-4A-91-9D-DE	
R↑12	Core21	193.48.87.98	10.10.30.21	00-20-4A-C9-86-F1	
	Segment21	193.48.87.98	10.10.31.21	00-20-4A-C9-88-EF	

Position	Module	Present IP*	New IP	MAC address	Remark
L↑1	Core30	10.10.30.6	10.10.30.30	00-20-4A-91-44-16	ok
	Segment30	10.10.31.6	10.10.31.30	00-20-4A-91-9D-BF	ok
L↑2	Core31	10.10.30.14	10.10.30.31	00-20-4A-91-44-1F	ok
	Segment31	10.10.31.14	10.10.31.31	00-20-4A-91-9D-DO	ok
L↑3	Core32	10.10.30.4	10.10.30.32	00-20-4A-91-9E-BC	
	Segment32	10.10.31.4	10.10.31.32	00-20-4A-91-9D-C0	
L↑4	Core33	10.10.30.16	10.10.30.33	00-20-4A-91-44-10	

	Segment33	10.10.31.16	10.10.31.33	00-20-4A-91-9D-C4	
L↑5	Core34	10.10.30.	10.10.30.34	00-20-4A-A6-16-F2	
	Segment34	10.10.31.15	10.10.31.34	00-20-4A-91-9D-DF	
L↑6	Core35	192.168.7.88	10.10.30.35	00-20-4A-C9-89-8D	
	Segment35	192.168.7.89	10.10.31.35	00-20-4A-CA-0C-D5	
L↑7	Core36	192.168.7.88	10.10.30.36	00-20-4A-C9-86-DE	
	Segment36	192.168.7.89	10.10.31.36	00-20-4A-CA-0B-88	
L↑8	Core37	192.168.7.88	10.10.30.37	00-20-4A-C9-86-BB	
	Segment37	192.168.7.89	10.10.31.37	00-20-4A-CA-0B-3D	
L↑9	Core38	193.48.87.98	10.10.30.38	00-20-4A-CA-0B-4E	
	Segment38	193.48.87.109	10.10.31.38	00-20-4A-CA-0C-4A	
L↑10	Core39	192.168.7.88	10.10.30.39	00-20-4A-CA-0B-62	
	Segment39	192.168.7.89	10.10.31.39	00-20-4A-CA-0B-86	

In case of questions, contact - Pushpendra P. Singh at 0615971-2180 (GSI local) or email to p.p.singh@gsi.de

**used at LNL or used for test purposes*

L↑ = from 'bottom' to 'top' - mounted on rack left to the beam direction

R↑ = from 'bottom' to 'top' - mounted on rack right to the beam direction

Nomenclature of New IP's → 10 . 10 . x . y = local-network . x = core/segment-ids . y = digitiser-unit-id

Here; x = 30, i.e., Core module id, and

y = 31, i.e., Segment module id

Information from last test -

DIG05 (now 15 in new IP's)

SEGMENT 2 - CH5 is BAD (s/n = 25) – the SPARE is working well

NB-

1. Unit Core11 ip old 10.10.31.10 ip new 10.10.30.11 mac 00-20-4A-91-9D-F3 removed from the rack – inspection line connector broken.