

Hall A L-HRS cabling map

L HRS Pion Rejecter

Detector position	Patch panel Name&posit.	Flat Cable name	Flat cable Wire No	ADC FB BOT Slot-ch.	TDC FB TOP Slot -ch.	HV Slot-ch
PiR-1L	CHARLIE A-1	PiR (1-16)L	1	20 - 0		3-0
PiR-2L	CHARLIE A-2	PiR (1-16)L	2	20 - 1		3-1
PiR-3L	CHARLIE A-3	PiR (1-16)L	3	20 - 2		3-2
PiR-4L	CHARLIE A-4	PiR (1-16)L	4	20 - 3		3-3
PiR-5L	CHARLIE A-5	PiR (1-16)L	5	20 - 4		3-4
PiR-6L	CHARLIE A-6	PiR (1-16)L	6	20 - 5		3-5
PiR-7L	CHARLIE A-7	PiR (1-16)L	7	20 - 6		3-6
PiR-8L	CHARLIE A-8	PiR (1-16)L	8	20 - 7		3-7
PiR-9L	CHARLIE A-9	PiR (1-16)L	9	20 - 8		3-8
PiR-10L	CHARLIE A-10	PiR (1-16)L	10	20 - 9		3-9
PiR-11L	CHARLIE A-11	PiR (1-16)L	11	20 - 10		3-10
PiR-12L	CHARLIE A-12	PiR (1-16)L	12	20 - 11		3-11
PiR-13L	CHARLIE A-13	PiR (1-16)L	13	20 - 12		4-0
PiR-14L	CHARLIE A-14	PiR (1-16)L	14	20 - 13		4-1
PiR-15L	CHARLIE A-15	PiR (1-16)L	15	20 - 14		4-2
PiR-16L	CHARLIE A-16	PiR (1-16)L	16	20 - 15		4-3
PiR-1R	CHARLIE B-1	PiR (1-16)R	1	18 - 32		10-0
PiR-2R	CHARLIE B-2	PiR (1-16)R	2	18 - 33		10-1
PiR-3R	CHARLIE B-3	PiR (1-16)R	3	18 - 34		10-2
PiR-4R	CHARLIE B-4	PiR (1-16)R	4	18 - 35		10-3
PiR-5R	CHARLIE B-5	PiR (1-16)R	5	18 - 36		10-4
PiR-6R	CHARLIE B-6	PiR (1-16)R	6	18 - 37		10-5
PiR-7R	CHARLIE B-7	PiR (1-16)R	7	18 - 38		10-6
PiR-8R	CHARLIE B-8	PiR (1-16)R	8	18 - 39		11-0
PiR-9R	CHARLIE B-9	PiR (1-16)R	9	18 - 40		11-1
PiR-10R	CHARLIE B-10	PiR (1-16)R	10	18 - 41		11-2
PiR-11R	CHARLIE B-11	PiR (1-16)R	11	18 - 42		11-3
PiR-12R	CHARLIE B-12	PiR (1-16)R	12	18 - 43		11-4
PiR-13R	CHARLIE B-13	PiR (1-16)R	13	18 - 44		11-5
PiR-14R	CHARLIE B-14	PiR (1-16)R	14	18 - 45		11-6
PiR-15R	CHARLIE B-15	PiR (1-16)R	15	18 - 46		11-7
PiR-16R	CHARLIE B-16	PiR (1-16)R	16	18 - 47		11-8
PiR-18L	CHARLIE C-1	PiR (18-33)L	1	18 - 0		4-5
PiR-19L	CHARLIE C-2	PiR (18-33)L	2	18 - 1		4-6
PiR-20L	CHARLIE C-3	PiR (18-33)L	3	18 - 2		4-7
PiR-21L	CHARLIE C-4	PiR (18-33)L	4	18 - 3		4-8
PiR-22L	CHARLIE C-5	PiR (18-33)L	5	18 - 4		4-9
PiR-23L	CHARLIE C-6	PiR (18-33)L	6	18 - 5		4-10
PiR-24L	CHARLIE C-7	PiR (18-33)L	7	18 - 6		4-11
PiR-25L	CHARLIE C-8	PiR (18-33)L	8	18 - 7		5-0
PiR-26L	CHARLIE C-9	PiR (18-33)L	9	18 - 8		5-1
PiR-27L	CHARLIE C-10	PiR (18-33)L	10	18 - 9		5-2
PiR-28L	CHARLIE C-11	PiR (18-33)L	11	18 - 10		5-3
PiR-29L	CHARLIE C-12	PiR (18-33)L	12	18 - 11		5-4

PiR-30L	CHARLIE C-13	PiR (18-33)L	13	18 - 12		5-5
PiR-31L	CHARLIE C-14	PiR (18-33)L	14	18 - 13		5-6
PiR-32L	ALFRED C-11	PiR (18-33)L	15	18 - 14		5-7
PiR-33L	ALFRED C-5	PiR (18-33)L	16	18 - 15		5-8
PiR-18R	CHARLIE D-1	PiR (18-33)R	1	19 - 32		9-0
PiR-19R	CHARLIE D-2	PiR (18-33)R	2	19 - 33		9-1
PiR-20R	CHARLIE D-3	PiR (18-33)R	3	19 - 34		9-2
PiR-21R	CHARLIE D-4	PiR (18-33)R	4	19 - 35		9-3
PiR-22R	CHARLIE D-5	PiR (18-33)R	5	19 - 36		9-4
PiR-23R	CHARLIE D-6	PiR (18-33)R	6	19 - 37		9-5
PiR-24R	CHARLIE D-7	PiR (18-33)R	7	19 - 38		9-6
PiR-25R	CHARLIE D-8	PiR (18-33)R	8	19 - 39		9-7
PiR-26R	CHARLIE D-9	PiR (18-33)R	9	19 - 40		9-8
PiR-27R	CHARLIE D-10	PiR (18-33)R	10	19 - 41		9-9
PiR-28R	CHARLIE D-11	PiR (18-33)R	11	19 - 42		9-10
PiR-29R	CHARLIE D-12	PiR (18-33)R	12	19 - 43		9-11
PiR-30R	CHARLIE D-13	PiR (18-33)R	13	19 - 44		10-7
PiR-31R	CHARLIE D-14	PiR (18-33)R	14	19 - 45		10-8
PiR-32R	CHARLIE D-15	PiR (18-33)R	15	19 - 46		10-9
PiR-33R	CHARLIE D-16	PiR (18-33)R	16	19 - 47		10-10
PiR-17L	DEX A-1	PiR (17,34)L,R,S	1	20 - 32		4-4
PiR-17R	DEX A-2	PiR (17,34)L,R,S	2	20 - 33		11-9
PiR-34L	DEX A-3	PiR (17,34)L,R,S	3	20 - 34		5-9
PiR-34R	DEX A-4	PiR (17,34)L,R,S	4	20 - 35		10-11
Sum-1Lay	ALFRED C-1	PiR (17,34)L,R,S	5	20 - 36		
Sum-2Lay	ALFRED C-2	PiR (17,34)L,R,S	6	20 - 37		
Sum-Total	ALFRED B-8	PiR (17,34)L,R,S	7	20 - 38		

L HRS S2m and S1

S2m-1L	ALFRED A-1	S2m(1L-16L)	1	16 - 0	11 - 0	0-0
S2m-2L	ALFRED A-2	S2m(1L-16L)	2	16 - 1	11 - 1	0-1
S2m-3L	ALFRED A-3	S2m(1L-16L)	3	16 - 2	11 - 2	0-2
S2m-4L	ALFRED A-4	S2m(1L-16L)	4	16 - 3	11 - 3	0-3
S2m-5L	ALFRED A-5	S2m(1L-16L)	5	16 - 4	11 - 4	5-10
S2m-6L	ALFRED A-6	S2m(1L-16L)	6	16 - 5	11 - 5	5-11
S2m-7L	ALFRED A-7	S2m(1L-16L)	7	16 - 6	11 - 6	2-11
S2m-8L	ALFRED A-8	S2m(1L-16L)	8	16 - 7	11 - 7	2-10
S2m-9L	ALFRED A-9	S2m(1L-16L)	9	16 - 8	11 - 8	0-8
S2m-10L	ALFRED A-10	S2m(1L-16L)	10	16 - 9	11 - 9	0-9
S2m-11L	ALFRED A-11	S2m(1L-16L)	11	16 - 10	11 - 10	0-10
S2m-12L	ALFRED A-12	S2m(1L-16L)	12	16 - 11	11 - 11	0-11
S2m-13L	ALFRED A-13	S2m(1L-16L)	13	16 - 12	11 - 12	13-0
S2m-14L	ALFRED A-14	S2m(1L-16L)	14	16 - 13	11 - 13	13-1
S2m-15L	ALFRED A-15	S2m(1L-16L)	15	16 - 14	11 - 14	13-2
S2m-16L	ALFRED A-16	S2m(1L-16L)	16	16 - 15	11 - 15	13-3
S2m-1R	ALFRED B-1	S2m(1R-16R)	1	16 - 32	11 - 16	12-0
S2m-2R	ALFRED B-2	S2m(1R-16R)	2	16 - 33	11 - 17	12-1
S2m-3R	ALFRED B-3	S2m(1R-16R)	3	16 - 34	11 - 18	12-2
S2m-4R	ALFRED B-4	S2m(1R-16R)	4	16 - 35	11 - 19	12-3
S2m-5R	ALFRED B-5	S2m(1R-16R)	5	16 - 36	11 - 20	12-4
S2m-6R	ALFRED B-6	S2m(1R-16R)	6	16 - 37	11 - 21	12-5
S2m-7R	ALFRED B-7	S2m(1R-16R)	7	16 - 38	11 - 22	12-6

S2m-8R	ALFRED B-8	S2m(1R-16R)	8	16 - 39	11 - 23	12-7
S2m-9R	ALFRED B-9	S2m(1R-16R)	9	16 - 40	11 - 24	12-8
S2m-10R	ALFRED B-10	S2m(1R-16R)	10	16 - 41	11 - 25	12-9
S2m-11R	ALFRED B-11	S2m(1R-16R)	11	16 - 42	11 - 26	12-10
S2m-12R	ALFRED B-12	S2m(1R-16R)	12	16 - 43	11 - 27	12-11
S2m-13R	ALFRED B-13	S2m(1R-16R)	13	16 - 44	11 - 28	13-4
S2m-14R	ALFRED B-14	S2m(1R-16R)	14	16 - 45	11 - 29	13-5
S2m-15R	ALFRED B-15	S2m(1R-16R)	15	16 - 46	11 - 30	13-6
S2m-16R	ALFRED B-16	S2m(1R-16R)	16	16 - 47	11 - 31	13-7
S1-1L	ALFRED C-1	S1(1-6)L,R	1	18 - 0		1-0
S1-2L	ALFRED C-2	S1(1-6)L,R	2	18 - 1		1-1
S1-3L	ALFRED C-3	S1(1-6)L,R	3	18 - 2		1-2
S1-4L	ALFRED C-4	S1(1-6)L,R	4	18 - 3		1-3
S1-5L	ALFRED C-5	S1(1-6)L,R	5	18 - 4		1-4
S1-6L	ALFRED C-6	S1(1-6)L,R	6	18 - 5		1-5
S1-1R	ALFRED C-7	S1(1-6)L,R	7	18 - 6		1-6
S1-2R	ALFRED C-8	S1(1-6)L,R	8	18 - 7		1-7
S1-3R	ALFRED C-9	S1(1-6)L,R	9	18 - 8		1-8
S1-4R	ALFRED C-10	S1(1-6)L,R	10	18 - 9		1-9
S1-5R	ALFRED C-11	S1(1-6)L,R	11	18 - 10		1-10
S1-6R	ALFRED C-12	S1(1-6)L,R	12	18 - 11		1-11

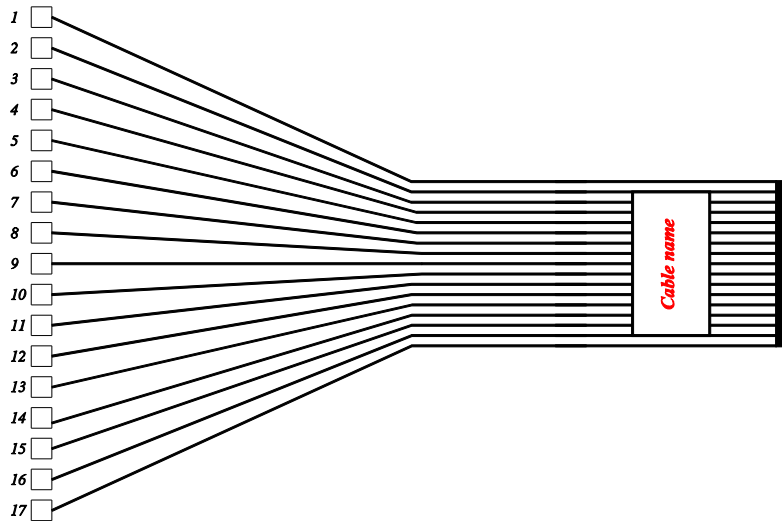
NOTE: S1 is not active anymore.

L HRS Gas Cerenkov&S0

Detector position	Patch panel Name&posit.	Flat Cable name	Flat cable Wire No	ADC FB BOT Slot-ch.	TDC Fast bus Slot -ch.	HV Slot-ch
Gas Cer-1	ALFRED D-1	Gas_Sum&S0	1	19 - 0	11 - 32	2-0
Gas Cer-2	ALFRED D-2	Gas_Sum&S0	2	19 - 1	11 - 33	2-1
Gas Cer-3	ALFRED D-3	Gas_Sum&S0	3	19 - 2	11 - 34	2-2
Gas Cer-4	ALFRED D-4	Gas_Sum&S0	4	19 - 3	11 - 35	2-3
Gas Cer-5	ALFRED D-5	Gas_Sum&S0	5	19 - 4	11 - 36	2-4
Gas Cer-6	ALFRED D-6	Gas_Sum&S0	6	19 - 5	11 - 37	2-5
Gas Cer-7	ALFRED D-7	Gas_Sum&S0	7	19 - 6	11 - 38	2-6
Gas Cer-8	ALFRED D-8	Gas_Sum&S0	8	19 - 7	11 - 39	2-7
Gas Cer-9	ALFRED D-9	Gas_Sum&S0	9	19 - 8	11 - 40	2-8
Gas Cer-10	ALFRED D-10	Gas_Sum&S0	10	19 - 9	11 - 41	2-9
Gas Cer-Sum	ALFRED D-11	Gas_Sum&S0	11	19 - 10	11 - 42	
S0A-Low	ALFRED C-6	Gas_Sum&S0	12	19 - 11	11 - 43	13-9
S0B-Up	ALFRED C-7	Gas_Sum&S0	13	19 - 12	11 - 44	13-8

L HRS VDC and Straws (HV)

Detector position	Patch panel Name&posit.	Flat Cable name	Flat cable Wire No	ADC FB BOT Slot-ch.	TDC Fast bus Slot -ch.	HV Slot-ch
VDC Top						7-0
VDC Bottom						7-3
Straw UM1234						8-0
Straw UM5678						8-2
Straw UM91011						8-4
Straw VM123						8-6
Straw VM4567						8-8
StrawVM891011						8-10



Flat coaxial cable: One end 17 BNC connectors other end 34 pin connector.

PS: Line number 17-in not used

*Albert Shahinyan
Sep 30, 2013*

*Latest modification by Florian Hauenstein
January 24, 2016*