

Hall A R HRS cabling map

R HRS Total Absorber (Shower)

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
TA-1	CHARLIE D-1	TA(1-16)	1	17 - 32		3-0
TA-2	CHARLIE D-2	TA(1-16)	2	17 - 33		3-1
TA-2	CHARLIE D-3	TA(1-16)	3	17 - 34		3-2
TA-4	CHARLIE D-4	TA(1-16)	4	17 - 35		3-3
TA-5	CHARLIE D-5	TA(1-16)	5	17 - 36		3-4
TA-6	CHARLIE D-6	TA(1-16)	6	17 - 37		3-5
TA-7	CHARLIE D-7	TA(1-16)	7	17 - 38		3-6
TA-8	CHARLIE D-8	TA(1-16)	8	17 - 39		3-7
TA-8	CHARLIE D-9	TA(1-16)	9	17 - 40		3-8
TA-10	CHARLIE D-10	TA(1-16)	10	17 - 41		3-9
TA-11	CHARLIE D-11	TA(1-16)	11	17 - 42		3-10
TA-12	CHARLIE D-12	TA(1-16)	12	17 - 43		3-11
TA-13	CHARLIE D-13	TA(1-16)	13	17 - 44		4-0
TA-14	CHARLIE D-14	TA(1-16)	14	17 - 45		4-1
TA-15	CHARLIE D-15	TA(1-16)	15	17 - 46		4-2
empty	CHARLIE D-16	TA(1-16)	16	17 - 47		
TA-17	DEX A-1	TA(17-32)	1	18 - 0		4-3
TA-18	DEX A-2	TA(17-32)	2	18 - 1		4-4
TA-19	DEX A-3	TA(17-32)	3	18 - 2		4-5
TA-20	DEX A-4	TA(17-32)	4	18 - 3		4-6
TA-21	DEX A-5	TA(17-32)	5	18 - 4		4-7
TA-22	DEX A-6	TA(17-32)	6	18 - 5		4-8
TA-23	DEX A-7	TA(17-32)	7	18 - 6		4-9
TA-24	DEX A-8	TA(17-32)	8	18 - 7		4-10
TA-25	DEX A-9	TA(17-32)	9	18 - 8		4-11
TA-26	DEX A-10	TA(17-32)	10	18 - 9		5-0
TA-27	DEX A-11	TA(17-32)	11	18 - 10		5-1
TA-28	DEX A-12	TA(17-32)	12	18 - 11		5-2
TA-29	DEX A-13	TA(17-32)	13	18 - 12		5-3
TA-30	DEX A-14	TA(17-32)	14	18 - 13		5-4
TA-31	DEX A-15	TA(17-32)	15	18 - 14		5-5
empty	DEX A-16	TA(17-32)	16	18 - 15		
TA-33	DEX B-1	TA(33-48)	1	19 - 0		5-6
TA-34	DEX B-2	TA(33-48)	2	19 - 1		5-7
TA-35	DEX B-3	TA(33-48)	3	19 - 2		5-8
TA-36	DEX B-4	TA(33-48)	4	19 - 3		5-9

TA-37	DEX B-5	TA(33-48)	5	19 - 4		5-10
TA-38	DEX B-5	TA(33-48)	6	19 - 5		5-11
TA-39	DEX B-7	TA(33-48)	7	19 - 6		6-0
TA-40	DEX B-8	TA(33-48)	8	19 - 7		6-1
TA-41	DEX B-9	TA(33-48)	9	19 - 8		6-2
TA-42	DEX B-10	TA(33-48)	10	19 - 9		6-3
TA-43	DEX B-11	TA(33-48)	11	19 - 10		6-4
TA-44	DEX B-12	TA(33-48)	12	19 - 11		6-5
TA-45	DEX B-13	TA(33-48)	13	19 - 12		6-6
TA-46	DEX B-14	TA(33-48)	14	19 - 13		6-7
TA-47	DEX B-15	TA(33-48)	15	19 - 14		6-8
empty	DEX B-16	TA(33-48)	16	19 - 15		
TA-49	EUNICE A-1	TA(49-64)	1	16 - 0		6-9
TA-50	EUNICE A-2	TA(49-64)	2	16 - 1		6-10
TA-51	EUNICE A-3	TA(49-64)	3	16 - 2		6-11
TA-52	EUNICE A-4	TA(49-64)	4	16 - 3		7-0
TA-53	EUNICE A-5	TA(49-64)	5	16 - 4		7-1
TA-54	EUNICE A-6	TA(49-64)	6	16 - 5		7-2
TA-55	EUNICE A-7	TA(49-64)	7	16 - 6		7-3
TA-56	EUNICE A-8	TA(49-64)	8	16 - 7		7-4
TA-57	EUNICE A-9	TA(49-64)	9	16 - 8		7-5
TA-58	EUNICE A-10	TA(49-64)	10	16 - 9		7-6
TA-59	EUNICE A-11	TA(49-64)	11	16 - 10		7-7
TA-60	EUNICE A-12	TA(49-64)	12	16 - 11		7-8
TA-61	EUNICE A-13	TA(49-64)	13	16 - 12		7-9
TA-62	EUNICE A-14	TA(49-64)	14	16 - 13		7-10
TA-63	EUNICE A-15	TA(49-64)	15	16 - 14		7-11
empty	EUNICE A-16	TA(49-64)	16	16 - 15		
TA-65	EUNICE B-1	TA(65-80)	1	17 - 16		8-0
TA-66	EUNICE B-2	TA(65-80)	2	17 - 17		8-1
TA-67	EUNICE B-3	TA(65-80)	3	17 - 18		8-2
TA-68	EUNICE B-4	TA(65-80)	4	17 - 19		8-3
TA-69	EUNICE B-5	TA(65-80)	5	17 - 20		8-4
TA-70	EUNICE B-6	TA(65-80)	6	17 - 21		8-5
TA-71	EUNICE B-7	TA(65-80)	7	17 - 22		8-6
TA-72	EUNICE B-8	TA(65-80)	8	17 - 23		8-7
TA-73	EUNICE B-9	TA(65-80)	9	17 - 24		8-8
TA-74	EUNICE B-10	TA(65-80)	10	17 - 25		8-9
TA-75	EUNICE B-11	TA(65-80)	11	17 - 26		8-10
TA-76	EUNICE B-12	TA(65-80)	12	17 - 27		8-11
TA-77	EUNICE B-13	TA(65-80)	13	17 - 28		9-0
TA-78	EUNICE B-14	TA(65-80)	14	17 - 29		9-1
TA-79	EUNICE B-15	TA(65-80)	15	17 - 30		9-2
empty	EUNICE B-16	TA(65-80)	16	17 - 31		

R HRS EPS (Preshower)

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
EPS-1R	CHARLIE A-1	EPS(1R-16R)	1	20 - 0		10-0
EPS-2R	CHARLIE A-2	EPS(1R-16R)	2	20 - 1		10-1
EPS-3R	CHARLIE A-3	EPS(1R-16R)	3	20 - 2		10-2
EPS-4R	CHARLIE A-4	EPS(1R-16R)	4	20 - 3		10-3
EPS-5R	CHARLIE A-5	EPS(1R-16R)	5	20 - 4		10-4
EPS-6R	CHARLIE A-6	EPS(1R-16R)	6	20 - 5		10-5
EPS-7R	CHARLIE A-7	EPS(1R-16R)	7	20 - 6		10-6
EPS-8R	CHARLIE A-8	EPS(1R-16R)	8	20 - 7		10-7
EPS-9R	CHARLIE A-9	EPS(1R-16R)	9	20 - 8		10-8
EPS-10R	CHARLIE A-10	EPS(1R-16R)	10	20 - 9		10-9
EPS-11R	CHARLIE A-11	EPS(1R-16R)	11	20 - 10		10-10
EPS-12R	CHARLIE A-12	EPS(1R-16R)	12	20 - 11		10-11
EPS-13R	CHARLIE A-13	EPS(1R-16R)	13	20 - 12		11-0
EPS-14R	CHARLIE A-14	EPS(1R-16R)	14	20 - 13		11-1
EPS-15R	CHARLIE A-15	EPS(1R-16R)	15	20 - 14		11-2
EPS-16R	CHARLIE A-16	EPS(1R-16R)	16	20 - 15		11-3
EPS-17R	CHARLIE B-1	EPS(17R-24R)	1	21 - 0		11- 4
EPS-18R	CHARLIE B-2	EPS(1L-8L)	2	21 - 1		11-5
EPS-19R	CHARLIE B-3	EPS(1L-8L)	3	21 - 2		11-6
EPS-20R	CHARLIE B-4		4	21 - 3		11-7
EPS-21R	CHARLIE B-5		5	21 - 4		11-8
EPS-22R	CHARLIE B-6		6	21 - 5		11-9
EPS-23R	CHARLIE B-7		7	21 - 6		11-10
EPS-24R	CHARLIE B-8		8	21 - 7		11-11
EPS-1L	CHARLIE B-9		9	21 - 8		12-0
EPS-2L	CHARLIE B-10		10	21 - 9		12-1
EPS-3L	CHARLIE B-11		11	21 - 10		12-2
EPS-4L	CHARLIE B-12		12	21 - 11		12-3
EPS-5L	CHARLIE B-13		13	21 - 12		12-4
EPS-6L	CHARLIE B-14		14	21 - 13		12-5
EPS-7L	CHARLIE B-15		15	21 - 14		12-6
EPS-8L	CHARLIE B-16		16	21 - 15		12-7
EPS-9L	CHARLIE C-1	EPS(9L-24L)	1	16 - 32		12-8
EPS-10L	CHARLIE C-2	EPS(9L-24L)	2	16 - 33		12-9
EPS-11L	CHARLIE C-3	EPS(9L-24L)	3	16 - 34		12-10
EPS-12L	CHARLIE C-4	EPS(9L-24L)	4	16 - 35		12-11
EPS-13L	CHARLIE C-5	EPS(9L-24L)	5	16 - 36		13-0

EPS-14L	CHARLIE C-6	EPS(9L-24L)	6	16 - 37		13-1
EPS-15L	CHARLIE C-7	EPS(9L-24L)	7	16 - 38		13-2
EPS-16L	CHARLIE C-8	EPS(9L-24L)	8	16 - 39		13-3
EPS-17L	CHARLIE C-9	EPS(9L-24L)	9	16 - 40		13-4
EPS-18L	CHARLIE C-10	EPS(9L-24L)	10	16 - 41		13-5
EPS-19L	CHARLIE C-11	EPS(9L-24L)	11	16 - 42		13-6
EPS-20L	CHARLIE C-12	EPS(9L-24L)	12	16 - 43		13-7
EPS-21L	CHARLIE C-13	EPS(9L-24L)	13	16 - 44		13-8
EPS-22L	CHARLIE C-14	EPS(9L-24L)	14	16 - 45		13-9
EPS-23L	CHARLIE C-15	EPS(9L-24L)	15	16 - 46		13-10
EPS-24L	CHARLIE C-16	EPS(9L-24L)	16	16 - 47		13-11

R HRS S2m and S1

S2m-1L	ALFRED A-1	S2m(1L-16L)	1	18 - 32	11-0	0-0
S2m-2L	ALFRED A-2	S2m(1L-16L)	2	18 - 33	11-1	0-1
S2m-3L	ALFRED A-3	S2m(1L-16L)	3	18 - 34	11-2	0-2
S2m-4L	ALFRED A-4	S2m(1L-16L)	4	18 - 35	11-3	0-3
S2m-5L	ALFRED A-5	S2m(1L-16L)	5	18 - 36	11-4	0-4
S2m-6L	ALFRED A-6	S2m(1L-16L)	6	18 - 37	11-5	0-5
S2m-7L	ALFRED A-7	S2m(1L-16L)	7	18 - 38	11-6	0-6
S2m-8L	ALFRED A-8	S2m(1L-16L)	8	18 - 39	11-7	0-7
S2m-9L	ALFRED A-9	S2m(1L-16L)	9	18 - 40	11-8	0-8
S2m-10L	ALFRED A-10	S2m(1L-16L)	10	18 - 41	11-9	0-9
S2m-11L	ALFRED A-11	S2m(1L-16L)	11	18 - 42	11-10	0-10
S2m-12L	ALFRED A-12	S2m(1L-16L)	12	18 - 43	11-11	0-11
S2m-13L	ALFRED A-13	S2m(1L-16L)	13	18 - 44	11-12	2-0
S2m-14L	ALFRED A-14	S2m(1L-16L)	14	18 - 45	11-13	2-1
S2m-15L	ALFRED A-15	S2m(1L-16L)	15	18 - 46	11-14	2-2
S2m-16L	ALFRED A-16	S2m(1L-16L)	16	18 - 47	11-15	2-3
S2m-1R	ALFRED B-1	S2m(1R-16R)	1	19 - 32	11-16	1-0
S2m-2R	ALFRED B-2	S2m(1R-16R)	2	19 - 33	11-17	1-1
S2m-3R	ALFRED B-3	S2m(1R-16R)	3	19 - 34	11-18	1-2
S2m-4R	ALFRED B-4	S2m(1R-16R)	4	19 - 35	11-19	1-3
S2m-5R	ALFRED B-5	S2m(1R-16R)	5	19 - 36	11-20	1-4
S2m-6R	ALFRED B-6	S2m(1R-16R)	6	19 - 37	11-21	1-5
S2m-7R	ALFRED B-7	S2m(1R-16R)	7	19 - 38	11-22	1-6
S2m-8R	ALFRED B-8	S2m(1R-16R)	8	19 - 39	11-23	1-7
S2m-9R	ALFRED B-9	S2m(1R-16R)	9	19 - 40	11-24	1-8
S2m-10R	ALFRED B-10	S2m(1R-16R)	10	19 - 41	11-25	1-9
S2m-11R	ALFRED B-11	S2m(1R-16R)	11	19 - 42	11-26	1-10
S2m-12R	ALFRED B-12	S2m(1R-16R)	12	19 - 43	11-27	1-11
S2m-13R	ALFRED B-13	S2m(1R-16R)	13	19 - 44	11-28	2-4
S2m-14R	ALFRED B-14	S2m(1R-16R)	14	19 - 45	11-29	2-5

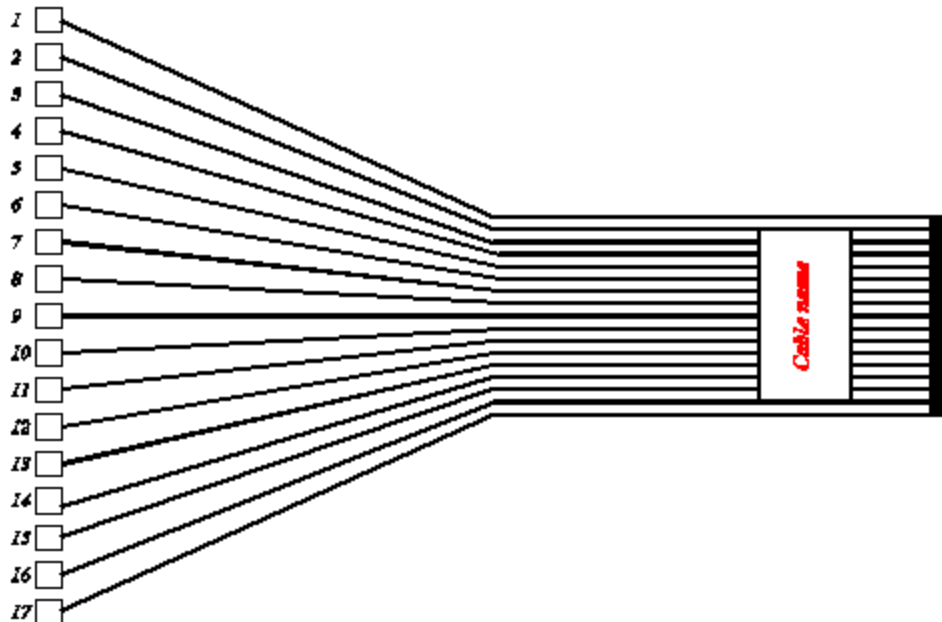
S2m-15R	ALFRED B-15	S2m(1R-16R)	15	19 - 46	11-30	2-6
S2m-16R	ALFRED B-16	S2m(1R-16R)	16	19 - 47	11-31	2-7
S1-1L	ALFRED D-1	S1(1-6)L,R	1	21 - 32		9-0
S1-2L	ALFRED D-2	S1(1-6)L,R	2	21 - 33		9-1
S1-3L	ALFRED D-3	S1(1-6)L,R	3	21 - 34		9-2
S1-4L	ALFRED D-4	S1(1-6)L,R	4	21 - 35		9-3
S1-5L	ALFRED D-5	S1(1-6)L,R	5	21 - 36		9-4
S1-6L	ALFRED D-6	S1(1-6)L,R	6	21 - 37		9-5
S1-1R	ALFRED D-7	S1(1-6)L,R	7	21 - 38		9-6
S1-2R	ALFRED D-8	S1(1-6)L,R	8	21 - 39		9-7
S1-3R	ALFRED D-9	S1(1-6)L,R	9	21 - 40		9-8
S1-4R	ALFRED D-10	S1(1-6)L,R	10	21 - 41		9-9
S1-5R	ALFRED D-11	S1(1-6)L,R	11	21 - 42		9-10
S1-6R	ALFRED D-12	S1(1-6)L,R	12	21 - 43		9-11

R HRS Gas Cerenkov

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 C-1	Gas,Sum&S0	1	20 - 32	11-32	14-0
Gas Cer-2	ALFRED C-2	Gas,Sum&S0	2	20 - 33	11-33	14-1
Gas Cer-3	ALFRED C-3	Gas,Sum&S0	3	20 - 34	11-34	14-2
Gas Cer-4	ALFRED C-4	Gas,Sum&S0	4	20 - 35	11-35	14-3
Gas Cer-5	ALFRED C-5	Gas,Sum&S0	5	20 - 36	11-36	14-4
Gas Cer-6	ALFRED C-6	Gas,Sum&S0	6	20 - 37	11-37	14-5
Gas Cer-7	ALFRED C-7	Gas,Sum&S0	7	20 - 38	11-38	14-6
Gas Cer-8	ALFRED C-8	Gas,Sum&S0	8	20 - 39	11-39	14-7
Gas Cer-9	ALFRED C-9	Gas,Sum&S0	9	20 - 40	11-40	14-8
Gas Cer-10	ALFRED C-10	Gas,Sum&S0	10	20 - 41	11-41	14-9
Gas Cer-Sum	ALFRED C-11	Gas,Sum&S0	11	20 - 42	11-42	
S0A-Bot	ALFRED C-12	Gas,Sum&S0	12	20 - 43	11-43	2-8
S0B-Top	ALFRED C-13	Gas,Sum&S0	13	20 - 44	11-44	2-9

Other

Detector position	Patch panel Name&posit.	Flat Cable name	ADC FB BOT Slot-ch.	TDC Fast bus Slot –ch.
Triggers		TRIGGERS		11 - (42-63)
SPARE 1		SPARE 1		16 - (0-15) MID
SPARE 2		SPARE 2		16 - (16-31) MID



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

PS: Line number 17-in not used

Albert Shahinyan
Sep 26, 2013

Update: Tyler Hague
July 10, 2017