Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
1	1	A01	1	8: 3L	L03	641	
1	2	A02	2			642	ok
1	3	A03	3	8: 4L	L04	643	
1	4	A04	4	8: 2L	L02	644	
1	5	A05	5	8: 7L	L07	645	
1	6	A06	6	8: 5L	L05	646	
1	7	A07	7	8: 8L	L08	647	
1	8	A08	8	8: 6L	L06	648	
1	9	A09	9	8: 11L	L11	649	
1	10	A10	10	8: 9L	L09	650	
1	11	A11	11	8: 12L	L12	651	
1	12	A12	12	8: 10L	L10	652	
1	13	A13	13	7: 3L	L15	653	
1	14	A14	14	7: 1L	L13	654	
1	15	A15	15	7: 4L	L16	655	
1	16	A16	16	7: 2L	L14	656	
1	17	B01	17	8: 3R	R03	657	
1	18	B02	18			658	ok
1	19	B03	19	8: 4R	R04	659	
1	20	B04	20	8: 2R	R02	660	
1	21	B05	21	8: 7R	R07	661	
1	22	B06	22	8: 5R	R05	662	
1	23	B07	23	8: 8R	R08	663	
1	24	B08	24	8: 6R	R06	664	
1	25	B09	25	8: 11R	R11	665	
1	26	B10	26	8: 9R	R09	666	
1	27	B11	27	8: 12R	R12	667	
1	28	B12	28	8: 10R	R10	668	
1	29	B13	29	7: 3R	R15	669	
1	30	B14	30	7: 1R	R13	670	
1	31	B15	31	7: 4R	R16	671	
1	32	B16	32	7: 2R	R14	672	

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
2	1	C01	33	7: 7L	L19	673	
2	2	C02	34	7: 5L	L17	674	
2	3	C03	35	7: 8L	L20	675	
2	4	C04	36	7: 6L	L18	676	
2	5	C05	37	7: 11L	L23	677	
2	6	C06	38	7: 9L	L21	678	
2	7	C07	39	7: 12L	L24	679	
2	8	C08	40	7: 10L	L22	680	
2	9	C09	41			681	ok
2	10	C10	42	6: 1L	L25	682	
2	11	C11	43	6: 4L	L28	683	
2	12	C12	44	6: 2L	L26	684	
2	13	C13	45	6: 7L	L31	685	
2	14	C14	46	6: 5L	L29	686	
2	15	C15	47	6: 8L	L32	687	
2	16	C16	48	6: 6L	L30	688	
2	17	D01	49	7: 7R	R19	689	
2	18	D02	50	7: 5R	R17	690	
2	19	D03	51	7: 8R	R20	691	
2	20	D04	52	7: 6R	R18	692	
2	21	D05	53	7: 11R	R23	693	
2	22	D06	54	7: 9R	R21	694	
2	23	D07	55	7: 12R	R24	695	
2	24	D08	56	7: 10R	R22	696	
2	25	D09	57			697	ok
2	26	D10	58	6: 1R	R25	698	
2	27	D11	59	6: 4R	R28	699	
2	28	D12	60	6: 2R	R26	700	
2	29	D13	61	6: 7R	R31	701	
2	30	D14	62	6: 5R	R29	702	
2	31	D15	63	6: 8R	R32	703	
2	32	D16	64	6: 6R	R30	704	

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID
3	1	E01	65	6: 11L	L35	705
3	2	E02	66	6: 9L	L33	706
3	3	E03	67	6: 12L	L36	707
3	4	E04	68	6: 10L	L34	708
3	5	E05	69	5: 1L	L39	709
3	6	E06	70	6: 13L	L37	710
3	7	E07	71	5: 2L	L40	711
3	8	E08	72	6: 14L	L38	712
3	9	E09	73	5: 5L	L43	713
3	10	E10	74	5: 3L	L41	714
3	11	E11	75	5: 6L	L44	715
3	12	E12	76	5: 4L	L42	716
3	13	E13	77	5: 9L	L47	717
3	14	E14	78	5: 7L	L45	718
3	15	E15	79	5: 10L	L48	719
3	16	E16	80	5: 8L	L46	720
3	17	F01	81	6: 11R	R35	721
3	18	F02	82	6: 9R	R33	722
3	19	F03	83	6: 12R	R36	723
3	20	F04	84	6: 10R	R34	724
3	21	F05	85	5: 1R	R39	725
3	22	F06	86	6: 13R	R37	726
3	23	F07	87	5: 2R	R40	727
3	24	F08	88	6: 14R	R38	728
3	25	F09	89	5: 5R	R43	729
3	26	F10	90	5: 3R	R41	730
3	27	F11	91	5: 6R	R44	731
3	28	F12	92	5: 4R	R42	732
3	29	F13	93	5: 9R	R47	733
3	30	F14	94	5: 7R	R45	734
3	31	F15	95	5: 10R	R48	735
3	32	F16	96	5: 8R	R46	736

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
4	1	G01	97	5: 13L	L51	737	
4	2	G02	98	5: 11L	L49	738	
4	3	G03	99	5: 14L	L52	739	
4	4	G04	100	5: 12L	L50	740	
4	5	G05	101	5: 17L	L55	741	
4	6	G06	102	5: 15L	L53	742	
4	7	G07	103	5: 18L	L56	743	
4	8	G08	104	5: 16L	L54	744	
4	9	G09	105	4: 2L	L58	745	
4	10	G10	106	Spare	Spare	746	
4	11	G11	107	4: 3L	L59	747	
4	12	G12	108	4: 1L	L57	748	
4	13	G13	109			749	ok
4	14	G14	110	4: 4L	L60	750	
4	15	G15	111	4: 7L	L63	751	
4	16	G16	112	4: 5L	L61	752	
4	17	H01	113	5: 13R	R51	753	
4	18	H02	114	5: 11R	R49	754	
4	19	H03	115	5: 14R	R52	755	
4	20	H04	116	5: 12R	R50	756	
4	21	H05	117	5: 17R	R55	757	
4	22	H06	118	5: 15R	R53	758	
4	23	H07	119	5: 18R	R56	759	
4	24	H08	120	5: 16R	R54	760	
4	25	H09	121	4: 2R	R58	761	
4	26	H10	122	Spare	Spare	762	
4	27	H11	123	4: 3R	R59	763	
4	28	H12	124	4: 1R	R57	764	
4	29	H13	125			765	ok
4	30	H14	126	4: 4R	R60	766	
4	31	H15	127	4: 7R	R63	767	
4	32	H16	128	4: 5R	R61	768	

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
5	1	I01	129	4: 10L	L66	769	
5	2	I02	130	4: 8L	L64	770	
5	3	I03	131	4: 11L	L67	771	
5	4	I04	132	4: 9L	L65	772	
5	5	I05	133	4: 14L	L70	773	
5	6	I06	134	4: 12L	L68	774	
5	7	I07	135	4: 15L	L71	775	
5	8	I08	136	4: 13L	L69	776	
5	9	I09	137	3: 2L	L74	777	
5	10	I10	138	4: 16L	L72	778	
5	11	I11	139	3: 3L	L75	779	
5	12	I12	140			780	ok
5	13	I13	141	3: 6L	L78	781	
5	14	I14	142			782	
5	15	I15	143	3: 7L	L79	783	
5	16	I16	144	3: 5L	L77	784	
5	17	J01	145	4: 10R	R66	785	
5	18	J02	146	4: 8R	R64	786	
5	19	J03	147	4: 11R	R67	787	
5	20	J04	148	4: 9R	R65	788	
5	21	J05	149	4: 14R	R70	789	
5	22	J06	150	4: 12R	R68	790	
5	23	J07	151	4: 15R	R71	791	
5	24	J08	152	4: 13R	R69	792	
5	25	J09	153	3: 2R	R74	793	
5	26	J10	154	4: 16R	R72	794	
5	27	J11	155	3: 3R	R75	795	
5	28	J12	156			796	ok
5	29	J13	157	3: 6R	R78	797	
5	30	J14	158			798	
5	31	J15	159	3: 7R	R79	799	
5	32	J16	160	3: 5R	R77	800	

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
6	1	K01	161	3: 10L	L82	801	
6	2	K02	162	3: 8L	L80	802	
6	3	K03	163	3: 11L	L83	803	
6	4	K04	164	3: 9L	L81	804	
6	5	K05	165	3: 14L	L86	805	
6	6	K06	166	3: 12L	L84	806	
6	7	K07	167			807	ok
6	8	K08	168	3: 13L	L85	808	
6	9	K09	169	3: 18L	L90	809	
6	10	K10	170	3: 16L	L88	810	
6	11	K11	171	3: 19L	L91	811	
6	12	K12	172	3: 17L	L89	812	
6	13	K13	173	3: 22L	L94	813	
6	14	K14	174	3: 20L	L92	814	
6	15	K15	175			815	ok
6	16	K16	176	puls	puls	816	
6	17	L01	177	3: 10R	R82	817	
6	18	L02	178	3: 8R	R80	818	
6	19	L03	179	3: 11R	R83	819	
6	20	L04	180	3: 9R	R81	820	
6	21	L05	181	3: 14R	R86	821	
6	22	L06	182	3: 12R	R84	822	
6	23	L07	183			823	ok
6	24	L08	184	3: 13R	R85	824	
6	25	L09	185	3: 18R	R90	825	
6	26	L10	186	3: 16R	R88	826	
6	27	L11	187	3: 19R	R91	827	
6	28	L12	188	3: 17R	R89	828	
6	29	L13	189	3: 22R	R94	829	
6	30	L14	190	3: 20R	R92	830	
6	31	L15	191			831	ok
6	32	L16	192	puls	puls	832	

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
7	1	M01	193	3: 25L	L97	833	
7	2	M02	194	3: 21L	L93	834	
7	3	M03	195	3: 26L	L98	835	
7	4	M04	196			836	
7	5	M05	197	3: 24L	L96	837	
7	6	M06	198	3: 4L	L76	838	
7	7	M07	199			839	
7	8	M08	200			840	
7	9	M09	201	LstUp	L99	841	
7	10	M10	202	RstUp	R99	842	
7	11	M11	203		Lasr pul	843	
7	12	M12	204	4: 6L	L62	844	ok
7	13	M13	205	3: 1L	L73	845	ok
7	14	M14	206	3: 15L	L87	846	
7	15	M15	207	6: 3L	L27	847	ok
7	16	M16	208	8: 1L	L01	848	ok
7	17	N01	209	3: 25R	R97	849	
7	18	N02	210	3: 21R	R93	850	
7	19	N03	211	3: 26R	R98	851	
7	20	N04	212			852	
7	21	N05	213	3: 24R	R96	853	
7	22	N06	214	3: 4R	R76	854	
7	23	N07	215			855	
7	24	N08	216			856	
7	25	N09	217	LstD	L100	857	
7	26	N10	218	RstD	R100	858	
7	27	N11	219		Lasr pul	859	
7	28	N12	220	4: 6R	R62	860	ok
7	29	N13	221	3: 1R	R73	861	ok
7	30	N14	222	3: 15R	R87	862	ok
7	31	N15	223	6: 3R	R27	863	ok
7	32	N16	224	8: 1R	R01	864	ok

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID
8	1	O01	225	2: 3L	L103	865
8	2	O02	226	2: 1L	L101	866
8	3	O03	227	2: 4L	L104	867
8	4	O04	228	2: 2L	L102	868
8	5	O05	229	2: 7L	L107	869
8	6	O06	230	2: 5L	L105	870
8	7	O07	231	2: 8L	L108	871
8	8	O08	232	2: 6L	L106	872
8	9	O09	233	2: 11L	L111	873
8	10	O10	234	2: 9L	L109	874
8	11	O11	235	2: 12L	L112	875
8	12	O12	236	2: 10L	L110	876
8	13	O13	237	2: 15L	L115	877
8	14	O14	238	2: 13L	L113	878
8	15	O15	239	2: 16L	L116	879
8	16	O16	240	2: 14L	L114	880
8	17	P01	241	2: 3R	R103	881
8	18	P02	242	2: 1R	R101	882
8	19	P03	243	2: 4R	R104	883
8	20	P04	244	2: 2R	R102	884
8	21	P05	245	2: 7R	R107	885
8	22	P06	246	2: 5R	R105	886
8	23	P07	247	2: 8R	R108	887
8	24	P08	248	2: 6R	R106	888
8	25	P09	249	2: 11R	R111	889
8	26	P10	250	2: 9R	R109	890
8	27	P11	251	2: 12R	R112	891
8	28	P12	252	2: 10R	R110	892
8	29	P13	253	2: 15R	R115	893
8	30	P14	254	2: 13R	R113	894
8	31	P15	255	2: 16R	R116	895
8	32	P16	256	2: 14R	R114	896

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
9	1	Q01	257	1: 2L	L119	897	
9	2	Q02	258	2: 17L	L117	898	
9	3	Q03	259	1: 3L	L120	899	
9	4	Q04	260	1: 1L	L118	900	
9	5	Q05	261	1: 6L	L123	901	
9	6	Q06	262	1: 4L	L121	902	
9	7	Q07	263	1: 7L	L124	903	
9	8	Q08	264	1: 5L	L122	904	
9	9	Q09	265	1: 10L	L127	905	
9	10	Q10	266	1: 8L	L125	906	
9	11	Q11	267	1: 11L	L128	907	
9	12	Q12	268	1: 9L	L126	908	
9	13	Q13	269	1: 14L	L131	909	
9	14	Q14	270	1: 12L	L129	910	
9	15	Q15	271	1: 15L	L132	911	
9	16	Q16	272	1: 13L	L130	912	
9	17	R01	273	1: 2R	R119	913	
9	18	R02	274	2: 17R	R117	914	
9	19	R03	275	1: 3R	R120	915	
9	20	R04	276	1: 1R	R118	916	
9	21	R05	277	1: 6R	R123	917	
9	22	R06	278	1: 4R	R121	918	
9	23	R07	279	1: 7R	R124	919	
9	24	R08	280	1: 5R	R122	920	
9	25	R09	281	1: 10R	R127	921	
9	26	R10	282	1: 8R	R125	922	
9	27	R11	283	1: 11R	R128	923	
9	28	R12	284	1: 9R	R126	924	
9	29	R13	285	1: 14R	R131	925	
9	30	R14	286	1: 12R	R129	926	
9	31	R15	287	1: 15R	R132	927	
9	32	R16	288	1: 13R	R130	928	

Neutron Detector

Crate	Chan	Split	schan	pl. pos.	Bar Cable	gscaler ID	check
10	1	S01	289	1: 18L	L135	929	
10	2	S02	290	1: 16L	L133	930	
10	3	S03	291	1: 19L	L136	931	
10	4	S04	292	1: 17L	L134	932	
10	5	S05	293	1: 22L	L139	933	
10	6	S06	294	1: 20L	L137	934	
10	7	S07	295	1: 23L	L140	935	
10	8	S08	296	1: 21L	L138	936	
10	9	S09	297	1: 26L	L143	937	
10	10	S10	298	1: 24L	L141	938	
10	11	S11	299	1: 27L	L144	939	
10	12	S12	300	1: 25L	L142	940	
10	13	S13	301	Spare	Spare	941	
10	14	S14	302	Spare	Spare	942	
10	15	S15	303	3: 23L	L95	943	ok
10	16	S16	304			944	
10	17	T01	305	1: 18R	R135	945	
10	18	T02	306	1: 16R	R133	946	
10	19	T03	307	1: 19R	R136	947	
10	20	T04	308	1: 17R	R134	948	
10	21	T05	309	1: 22R	R139	949	
10	22	T06	310	1: 20R	R137	950	
10	23	T07	311	1: 23R	R140	951	
10	24	T08	312	1: 21R	R138	952	
10	25	T09	313	1: 26R	R143	953	
10	26	T10	314	1: 24R	R141	954	
10	27	T11	315	1: 27R	R144	955	
10	28	T12	316	1: 25R	R142	956	
10	29	T13	317	Spare	Spare	957	
10	30	T14	318	Spare	Spare	958	
10	31	T15	319	3:23R	R95	959	ok
10	32	T16	320			960	

Neutron Detector

Crate	Channel	Chan ID	Signal	gscaler ID	check
11	1	321	Paddle Coin O ch	961	
11	2	322	Paddle Coin P ch	962	
11	3	323	Paddle Coin Q ch	963	
11	4	324	Paddle Coin R ch	964	
11	5	325	Paddle Coin S ch	965	
11	6	326	Paddle Coin T ch	966	
11	7	327	e*B CAB1	967	
11	8	328	e*B CAB2	968	
11	9	329	e*B CCD1	969	
11	10	330	e*B CCD2	970	
11	11	331	e*B CEF1	971	
11	12	332	e*B CEF2	972	
11	13	333	e*B CGH1	973	
11	14	334	e*B CGH2	974	
11	15	335	e*B CIJ1	975	
11	16	336	e*B CIJ2	976	
11	17	337	e*B CKL1	977	
11	18	338	e*B CKL2	978	
11	19	339	e*B CMN1	979	
11	20	340	e*B CMN2	980	
11	21	341	e*B	981	
11	22	342	HMS	982	
11	23	343	LASER	983	ok
11	24	344	COSMIC	984	ok
11	25	345	1MHz clk	985	ok
11	26	346	BCM1	986	ok
11	27	347	BCM2	987	ok
11	28	348	SEM x cent	988	ok
11	29	349	SEM x dia	989	ok
11	30	350	SEM y cent	990	ok
11	31	351	SEM y dia	991	ok
11	32	352	10MHz clk	992	ok

Neutron Detector

Crate	Channel	Chan ID	Signal	gscaler ID	check
12	1	353	spare	993	ok
12	2	354	spare	994	ok
12	3	355	spare	995	ok
12	4	356	spare	996	
12	5	357	spare	997	
12	6	358	spare	998	
12	7	359	spare	999	
12	8	360	spare	1000	
12	9	361	spare	1001	
12	10	362	spare	1002	
12	11	363	spare	1003	
12	12	364	spare	1004	
12	13	365	spare	1005	
12	14	366	spare	1006	
12	15	367	spare	1007	
12	16	368	spare	1008	
12	17	369	spare	1009	
12	18	370	spare	1010	
12	19	371	spare	1011	
12	20	372	spare	1012	
12	21	373	spare	1013	
12	22	374	spare	1014	
12	23	375	spare	1015	
12	24	376	spare	1016	
12	25	377	spare	1017	
12	26	378	spare	1018	
12	27	379	spare	1019	
12	28	380	spare	1020	
12	29	381	spare	1021	
12	30	382	spare	1022	
12	31	383	spare	1023	
12	32	384	spare	1024	

H^+ **Scaler**

Crate	Channel	Chan ID	Signal	$g_h el_s cal$	check
13	1	1	1 MHz clock	1	
13	2	2	10 MHz clock	2	
13	3	3	BCM 1	3	
13	4	4	BCM 2	4	
13	5	5	Unser	5	not need
13	6	6	HMS-pretrig	6	
13	7	7	HMS-trig	7	
13	8	8	e*B-pretrig	8	
13	9	9	e*B-trig	9	
13	10	10	Laser-pretrig	10	
13	11	11	Laser-trig	11	
13	12	12	TSLIVE and BCM1	12	ok
13	13	13	TSLIVE and 10MHz clk	13	ok
13	14	14	TSLIVE and BCM2	14	ok
13	15	15	Gates NDET	15	
13	16	16	Gates HMS	16	
13	17	17	Pulser	17	
13	18	18	ELHI(HMS)	18	
13	19	19	ELLO(HMS)	19	
13	20	20	SEM x cent	20	
13	21	21	SEM x dia	21	
13	22	22	SEM y cent	22	
13	23	23	SEM y dia	23	
13	24	spare	spare	24	
13	25	spare	spare	25	
13	26	spare	spare	26	
13	27	spare	spare	27	
13	28	spare	spare	28	
13	29	spare	spare	29	
13	30	spare	spare	30	
13	31	spare	spare	31	
13	32	spare	spare	32	

H^- Scaler

Crate	Channel	Chan ID	Signal	g hel scal	check
14	1	1	1 MHz clock	33	
14	2	2	10 MHz clock	34	
14	3	3	BCM 1	35	
14	4	4	BCM 2	36	
14	5	5	Unser	37	not connected
14	6	6	HMS-pretrig	38	
14	7	7	HMS-trig	39	
14	8	8	e*B-pretrig	40	
14	9	9	e*B-trig	41	
14	10	10	Laser-pretrig	42	
14	11	11	Laser-trig	43	
14	12	12	TSLIVE and BCM1	44	ok
14	13	13	TSLIVE and 10MHz clk	45	ok
14	14	14	TSLIVE and BCM2	46	ok
14	15	15	Gates NDET	47	
14	16	16	Gates HMS	48	
14	17	17	Pulser	49	
14	18	18	ELHI(HMS)	50	
14	19	19	ELLO(HMS)	51	
14	20	20	SEM x cent	52	
14	21	21	SEM x dia	53	
14	22	22	SEM y cent	54	
14	23	23	SEM y dia	55	
14	24	spare	spare	56	
14	25	spare	spare	57	
14	26	spare	spare	58	
14	27	spare	spare	59	
14	28	spare	spare	60	
14	29	spare	spare	61	
14	30	spare	spare	62	
14	31	spare	spare	63	
14	32	spare	spare	64	

$H^+ + H^-$ **Scaler**

Crate	Channel	Chan ID	Signal	$g_h el_s cal$	check
15	1	1	1 MHz clock	65+97	
15	2	2	10 MHz clock	66+98	
15	3	3	BCM 1	67+99	
15	4	4	BCM 2	68+100	
15	5	5	Unser	69+101	not connected
15	6	6	HMS-pretrig	70+102	
15	7	7	HMS-trig	71+103	
15	8	8	e*B-pretrig	72+104	
15	9	9	e*B-trig	73+105	
15	10	10	Laser-pretrig	74+106	
15	11	11	Laser-trig	75+107	
15	12	12	TSLIVE and BCM1	76+108	ok
15	13	13	TSLIVE and 10MHz clk	77+109	ok
15	14	14	TSLIVE and BCM2	78+110	ok
15	15	15	Gates NDET	79+111	
15	16	16	Gates HMS	80+112	
15	17	17	Pulser	81+113	
15	18	18	ELHI(HMS)	82+114	
15	19	19	ELLO(HMS)	83+115	
15	20	20	SEM x cent	84+116	
15	21	21	SEM x dia	85+117	
15	22	22	SEM y cent	86+118	
15	23	23	SEM y dia	87+119	
15	24	spare	spare	88+120	
15	25	spare	spare	89+121	
15	26	spare	spare	90+123	
15	27	spare	spare	91+124	
15	28	spare	spare	92+125	
15	29	spare	spare	93+126	
15	30	spare	spare	94+127	
15	31	spare	spare	95+128	
15	32	spare	spare	96+129	

Event by Event Scaler

Crate	Channel	Chan ID	Signal	evan scal	check
16	1	1	1 MHz clock	1	
16	2	2	10 MHz clock	2	
16	3	3	BCM 1	3	
16	4	4	BCM 2	4	
16	5	spare	spare	5	
16	6	spare	spare	6	
16	7	spare	spare	7	
16	8	spare	spare	8	
16	9	spare	spare	9	
16	10	spare	spare	10	
16	11	spare	spare	11	
16	12	spare	spare	12	
16	13	spare	spare	13	
16	14	spare	spare	14	
16	15	spare	spare	15	
16	16	spare	spare	16	
16	17	spare	spare	17	
16	18	spare	spare	18	
16	19	spare	spare	19	
16	20	spare	spare	20	
16	21	spare	spare	21	
16	22	spare	spare	22	
16	23	spare	spare	23	
16	24	spare	spare	24	
16	25	spare	spare	25	
16	26	spare	spare	26	
16	27	spare	spare	27	
16	28	spare	spare	28	
16	29	spare	spare	29	
16	30	spare	spare	30	
16	31	spare	spare	31	
16	32	spare	spare	32	