Detector Quick Reference

July 29, 1999

Shower Counters (Grayed out Blocks are HMS ONLY)

	Layer 1-A	Layer 2-B	Layer 3-C	Layer 4-D
Block 1-A	BLAA	BLBA	BLCA	BLDA
Block 2-B	BLAB	BLBB	BLCB	BLDB
Block 3-C	BLAC	BLBC	BLCC	BLDC
Block 4-D	BLAD	BLBD	BLCD	BLDD
Block 5-E	BLAE	BLBE	BLCE	BLDE
Block 6-F	BLAF	BLBF	BLCF	BLDF
Block 7-G	BLAG	BLBG	BLCG	BLDG
Block 8-H	BLAH	BLBH	BLCH	BLDH
Block 9-I	BLAI	BLBI	BLCI	BLDI
Block 10-J	BLAJ	BLBJ	BLCJ	BLDJ
Block 11-K	BLAK	BLBK	BLCK	BLDK
Block 12-L	BLAL	BLBL	BLCL	BLDL
Block 13-M	BLAM	BLBM	BLCM	BLDM

Hodoscopes (Grayed out Blocks are HMS Only)

	Hodo1 Layer X	Hodo1 Layer Y	Hodo2 Layer X	Hodo2 Layer Y
Scint 1	H1XA	H1YA	H2XA	H2YA
Scint 2	H1XB	H1YB	H2XB	H2YB
Scint 3	H1XC	H1YC	H2XC	H2YC
Scint 4	H1XD	H1YD	H2XD	H2YD
Scint 5	H1XE	H1YE	H2XE	H2YE
Scint 6	H1XF	H1YF	H2XF	H2YF
Scint 7	H1XG	H1YG	H2XG	H2YG
Scint 8	H1XH	H1YH	H2XH	H2YH
Scint 9	H1XI	H1YI	H2XI	H2YI
Scint 10	H1XJ	H1YJ	H2XJ	H2YJ
Scint 11	H1XK		H2XK	
Scint 12	H1XL		H2XL	
Scint 13	H1XM		H2XM	
Scint 14	H1XN		H2XN	
Scint 15	H1XO		H2XO	
Scint 16	H1XP		H2XP	

JUL 29 1999 v1.0	SOS Chamber 1 (U and V have 4 Sectors,X has 8 sectors) Both Planes Are Identical															
	Plane U				Plane V				Plane X							
	Sc 1	Sc 2	Sc 3	Sc 4	Sc 1	Sc 2	Sc 3	Sc 4	Sc 1	Sc 2	Sc 3	Sc 4	Sc 5	Sc 6	Sc 7	Sc 8
W 1	AUAA	AUBA	AUCA	AUDA	AVAA	AVBA	AVCA	AVDA	AXAA	AXBA	AXCA	AXDA	AXEA	AXFA	AXGA	AXHA
W 2	AUAB	AUBB	AUCB	AUDB	AVAB	AVBB	AVCB	AVDB	AXAB	AXBB	AXCB	AXDB	AXEB	AXFB	AXGB	AXHB
W 3	AUAC	AUBC	AUCC	AUDC	AVAC	AVBC	AVCC	AVDC	AXAC	AXBC	AXCC	AXDC	AXEC	AXFC	AXGC	AXHC
W 4	AUAD	AUBD	AUCD	AUDD	AVAD	AVBD	AVCD	AVDD	AXAD	AXBD	AXCD	AXDD	AXED	AXFD	AXGD	AXHD
W 5	AUAE	AUBE	AUCE	AUDE	AVAE	AVBE	AVCE	AVDE	AXAE	AXBE	AXCE	AXDE	AXEE	AXFE	AXGE	AXHE
W 6	AUAF	AUBF	AUCF	AUDF	AVAF	AVBF	AVCF	AVDF	AXAF	AXBF	AXCF	AXDF	AXEF	AXFF	AXGF	AXHF
W 7	AUAG	AUBG	AUCG	AUDG	AVAG	AVBG	AVCG	AVDG	AXAG	AXBG	AXCG	AXDG	AXEG	AXFG	AXGG	AXHG
W 8	AUAH	AUBH	AUCH	AUDH	AVAH	AVBH	AVCH	AVDH	AXAH	AXBH	AXCH	AXDH	AXEH	AXFH	AXGH	AXHH
W 9	AUAI	AUBI	AUCI	AUDI	AVAI	AVBI	AVCI	AVDI	AXAI	AXBI	AXCI	AXDI	AXEI	AXFI	AXGI	AXHI
W 10	AUAJ	AUBJ	AUCJ	AUDJ	AVAJ	AVBJ	AVCJ	AVDJ	AXAJ	AXBJ	AXCJ	AXDJ	AXEJ	AXFJ	AXGJ	AXHJ
W 11	AUAK	AUBK	AUCK	AUDK	AVAK	AVBK	AVCK	AVDK	AXAK	AXBK	AXCK	AXDK	AXEK	AXFK	AXGK	AXHK
W 12	AUAL	AUBL	AUCL	AUDL	AVAL	AVBL	AVCL	AVDL	AXAL	AXBL	AXCL	AXDL	AXEL	AXFL	AXGL	AXHL
W 13	AUAM	AUBM	AUCM	AUDM	AVAM	AVBM	AVCM	AVDM	AXAM	AXBM	AXCM	AXDM	AXEM	AXFM	AXGM	AXHM
W 14	AUAN	AUBN	AUCN	AUDN	AVAN	AVBN	AVCN	AVDN	AXAN	AXBN	AXCN	AXDN	AXEN	AXFN	AXGN	AXHN
W 15	AUAO	AUBO	AUCO	AUDO	AVAO	AVBO	AVCO	AVDO	AXAO	AXBO	AXCO	AXDO	AXEO	AXFO	AXGO	AXHO
W 16	AUAP	AUBP	AUCP	AUDP	AVAP	AVBP	AVCP	AVDP	AXAP	AXBP	AXCP	AXDP	AXEP	AXFP	AXGP	AXHP
W 17	AUAQ	AUBQ	AUCQ	AUDQ	AVAQ	AVBQ	AVCQ	AVDQ	The SOS has two wire chambers name = WCHc where c is A or B Each chamber has six planes name=Wcpt where c is the chamber (A or B), p is the plane (A or B), t is the type (U,V, or X) Each plane is composed of a differing number of sectors and wires: U -> 4 sectors (A to D) V -> 4 sectors (A to D) X -> 8 sectors (A to H)							
W 18	AUAR	AUBR	AUCR	AUDR	AVAR	AVBR	AVCR	AVDR								
W 19	AUAS	AUBS	AUCS	AUDS	AVAS	AVBS	AVCS	AVDS								
W 20	AUAT	AUBT	AUCT	AUDT	AVAT	AVBT	AVCT	AVDT								
W 21	AUAU	AUBU	AUCU	AUDU	AVAU	AVBU	AVCU	AVDU								
W 22	AUAV	AUBV	AUCV	AVDV	AVAV	AVBV	AVCV	AVDV								
W 23	AUAW	AUBW	AUCW	AUDW	AVAW	AVBW	AVCW	AVDW								
W 24	AUAX	AUBX	AUCX	AUDX	AVAX	AVBX	AVCX	AVDX								

JUL 29 1999 v1.0	SOS Chamber 2 (U and V have 4 Sectors,X has 8 sectors) Both Planes Are Identical															
	Plane U				Plane V				Plane X							
	Sc 1	Sc 2	Sc 3	Sc 4	Sc 1	Sc 2	Sc 3	Sc 4	Sc 1	Sc 2	Sc 3	Sc 4	Sc 5	Sc 6	Sc 7	Sc 8
W 1	BUAA	BUBA	BUCA	BUDA	BVAA	BVBA	BVCA	BVDA	BXAA	BXBA	BXCA	BXDA	BXEA	BXFA	BXGA	BXHA
W 2	BUAB	BUBB	BUCB	BUDB	BVAB	BVBB	BVCB	BVDB	BXAB	BXBB	BXCB	BXDB	BXEB	BXFB	BXGB	BXHB
W 3	BUAC	BUBC	BUCC	BUDC	BVAC	BVBC	BVCC	BVDC	BXAC	BXBC	BXCC	BXDC	BXEC	BXFC	BXGC	BXHC
W 4	BUAD	BUBD	BUCD	BUDD	BVAD	BVBD	BVCD	BVDD	BXAD	BXBD	BXCD	BXDD	BXED	BXFD	BXGD	BXHD
W 5	BUAE	BUBE	BUCE	BUDE	BVAE	BVBE	BVCE	BVDE	BXAE	BXBE	BXCE	BXDE	BXEE	BXFE	BXGE	BXHE
W 6	BUAF	BUBF	BUCF	BUDF	BVAF	BVBF	BVCF	BVDF	BXAF	BXBF	BXCF	BXDF	BXEF	BXFF	BXGF	BXHF
W 7	BUAG	BUBG	BUCG	BUDG	BVAG	BVBG	BVCG	BVDG	BXAG	BXBG	BXCG	BXDG	BXEG	BXFG	BXGG	BXHG
W 8	BUAH	BUBH	BUCH	BUDH	BVAH	BVBH	BVCH	BVDH	BXAH	BXBH	BXCH	BXDH	BXEH	BXFH	BXGH	BXHH
W 9	BUAI	BUBI	BUCI	BUDI	BVAI	BVBI	BVCI	BVDI	BXAI	BXBI	BXCI	BXDI	BXEI	BXFI	BXGI	BXHI
W 10	BUAJ	BUBJ	BUCJ	BUDJ	BVAJ	BVBJ	BVCJ	BVDJ	BXAJ	BXBJ	BXCJ	BXDJ	BXEJ	BXFJ	BXGJ	BXHJ
W 11	BUAK	BUBK	BUCK	BUDK	BVAK	BVBK	BVCK	BVDK	BXAK	BXBK	BXCK	BXDK	BXEK	BXFK	BXGK	BXHK
W 12	BUAL	BUBL	BUCL	BUDL	BVAL	BVBL	BVCL	BVDL	BXAL	BXBL	BXCL	BXDL	BXEL	BXFL	BXGL	BXHL
W 13	BUAM	BUBM	BUCM	BUDM	BVAM	BVBM	BVCM	BVDM	BXAM	BXBM	BXCM	BXDM	BXEM	BXFM	BXGM	BXHM
W 14	BUAN	BUBN	BUCN	BUDN	BVAN	BVBN	BVCN	BVDN	BXAN	BXBN	BXCN	BXDN	BXEN	BXFN	BXGN	BXHN
W 15	BUAO	BUBO	BUCO	BUDO	BVAO	BVBO	BVCO	BVDO	BXAO	BXBO	BXCO	BXDO	BXEO	BXFO	BXGO	BXHO
W 16	BUAP	BUBP	BUCP	BUDP	BVAP	BVBP	BVCP	BVDP	BXAP	BXBP	BXCP	BXDP	BXEP	BXFP	BXGP	BXHP
W 17	BUAQ	BUBQ	BUCQ	BUDQ	BVAQ	BVBQ	BVCQ	BVDQ	The SOS has two wire chambers name = WCHc where c is A or B Each chamber has six planes name=Wcpt where c is the chamber (A or B), p is the plane (A or B), t is the type (U,V, or X) Each plane is composed of a differing number of sectors and wires: U -> 4 sectors (A to D) 96 wires V -> 4 sectors (A to D) 96 wires X -> 8 sectors (A to H) 128 wires							
W 18	BUAR	BUBR	BUCR	BUDR	BVAR	BVBR	BVCR	BVDR								
W 19	BUAS	BUBS	BUCS	BUDS	BVAS	BVBS	BVCS	BVDS								
W 20	BUAT	BUBT	BUCT	BUDT	BVAT	BVBT	BVCT	BVDT								
W 21	BUAU	BUBU	BUCU	BUDU	BVAU	BVBU	BVCU	BVDU								
W 22	BUAV	BUBV	BUCV	BVDV	BVAV	BVBV	BVCV	BVDV								
W 23	BUAW	BUBW	BUCW	BUDW	BVAW	BVBW	BVCW	BVDW								
W 24	BUAX	BUBX	BUCX	BUDX	BVAX	BVBX	BVCX	BVDX								

Jul 29 1999 v1.0	HMS Chamber 1 Part A (Planes X,Y, and U)																					
	First Plane X												First Plane Y				Plane U					
	S 1	S 2	S 3	S 4	S 5	S 6	S 7	S 8	S 9	S10	S11	S12	S 1	S 2	S 3	S 4	S 1	S 2	S 3	S 4	S 5	S 6
W 1	AXAA	AXBA	AXCA	AXDA	AXEA	AXFA	AXGA	AXHA	AXIA	AXJA	AXKA	AXLA	AYAA	AYBA	AYCA	AYDA	AUAA	AUBA	AUCA	AUDA	AUEA	AUFA
W 2	AXAB	AXBB	AXCB	AXDB	AXEB	AXFB	AXGB	AXHB	AXIB	AXJB	AXKB	AXLB	AYAB	AYBB	AYCB	AYDB	AUAB	AUBB	AUCB	AUDB	AUEB	AUFB
W 3	AXAC	AXBC	AXCC	AXDC	AXEC	AXFC	AXGC	AXHC	AXIC	AXJC	AXKC	AXLC	AYAC	AYBC	AYCC	AYDC	AUAC	AUBC	AUCC	AUDC	AUEC	AUFC
W 4	AXAD	AXBD	AXCD	AXDD	AXED	AXFD	AXGD	AXHD	AXID	AXJD	AXKD	AXLD	AYAD	AYBD	AYCD	AYDD	AUAD	AUBD	AUCD	AUDD	AUED	AUFD
W 5	AXAE	AXBE	AXCE	AXDE	AXEE	AXFE	AXGE	AXHE	AXIE	AXJE	AXKE	AXLE	AYAE	AYBE	AYCE	AYDE	AUAE	AUBE	AUCE	AUDE	AUEE	AUFE
W 6	AXAF	AXBF	AXCF	AXDF	AXEF	AXFF	AXGF	AXHF	AXIF	AXJF	AXKF	AXLF	AYAF	AYBF	AYCF	AYDF	AUAF	AUBF	AUCF	AUDF	AUEF	AUFF
W 7	AXAG	AXBG	AXCG	AXDG	AXEG	AXFG	AXGG	AXHG	AXIG	AXJG	AXKG	AXLG	AYAG	AYBG	AYCG	AYDG	AUAG	AUBG	AUCG	AUDG	AUEG	AUFG
W 8	AXAH	AXBH	AXCH	AXDH	AXEH	AXFH	AXGH	AXHH	AXIH	AXJH	AXKH	AXLH	AYAH	AYBH	AYCH	AYDH	AUAH	AUBH	AUCH	AUDH	AUEH	AUFH
W 9	AXAI	AXBI	AXCI	AXDI	AXEI	AXFI	AXGI	AXHI	AXII	AXJI	AXKI	AXLI	AYAI	AYBI	AYCI	AYDI	AUAI	AUBI	AUCI	AUDI	AUEI	AUFI
W10	AXAJ	AXBJ	AXCJ	AXDJ	AXEJ	AXFJ	AXGJ	AXHJ	AXIJ	AXJJ	AXKJ	AXLJ	AYAJ	AYBJ	AYCJ	AYDJ	AUAJ	AUBJ	AUCJ	AUDJ	AUEJ	AUFJ
W11	AXAK	AXBK	AXCK	AXDK	AXEK	AXFK	AXGK	AXHK	AXIK	AXJK	AXKK	AXLK	AYAK	AYBK	AYCK	AYDK	AUAK	AUBK	AUCK	AUDK	AUEK	AUFK
W12	AXAL	AXBL	AXCL	AXDL	AXEL	AXFL	AXGL	AXHL	AXIL	AXJL	AXKL	AXLL	AYAL	AYBL	AYCL	AYDL	AUAL	AUBL	AUCL	AUDL	AUEL	AUFL
W13	AXAM	AXBM	AXCM	AXDM	AXEM	AXFM	AXGM	AXHM	AXIM	AXJM	AXKM	AXLM	AYAM	AYBM	AYCM	AYDM	AUAM	AUBM	AUCM	AUDM	AUEM	AUFM
W14	AXAN	AXBN	AXCN	AXDN	AXEN	AXFN	AXGN	AXHN	AXIN	AXJN	AXKN	AXLN	AYAN	AYBN	AYCN	AYDN	AUAN	AUBN	AUCN	AUDN	AUEN	AUFN
W15	AXAO	AXBO	AXCO	AXDO	AXEO	AXFO	AXGO	AXHO	AXIO	AXJO	AXKO	AXLO	AYAO	AYBO	AYCO	AYDO	AUAO	AUBO	AUCO	AUDO	AUEO	AUFO
W16	AXAP	AXBP	AXCP	AXDP	AXEP	AXFP	AXGP	AXHP	AXIP	AXJP	AXKP	AXLP	AYAP	AYBP	AYCP	AYDP	AUAP	AUBP	AUCP	AUDP	AUEP	AUFP
W17	AXAQ	AXBQ	AXCQ	AXDQ	AXEQ	AXFQ	AXGQ	AXHQ	AXIQ	AXJQ	AXKQ	AXLQ	AYAQ	AYBQ	AYCQ	AYDQ	AUAQ	AUBQ	AUCQ	AUDQ	AUEQ	AUFQ
W18	AXAR	AXBR	AXCR	AXDR	AXER	AXFR	AXGR	AXHR	AXIR	AXJR	AXKR	AXLR	AYAR	AYBR	AYCR	AYDR	AUAR	AUBR	AUCR	AUDR	AUER	AUFR
W19	AXAS	AXBS	AXCS	AXDS	AXES	AXFS	AXGS	AXHS	AXIS	AXJS	AXKS	AXLS	AYAS	AYBS	AYCS	AYDS	Be aware, there is no way to tell the difference (by looking at the name) between an X wire in the first X plane and a X wire in the second X plane (same thing goes for the Y planes). Therefore, make sure you figure out the "mother" shape of the wire you are looking at!					
W20	The HMS has two wire chambers name = WCHc where c is A or B Each chamber has six planes name = Wcpt where c is the chamber (A or B), p the plane (A or B) and t is the type (X,Y,U, or V) Each plane is composed of differing numbers of sectors and wires wire = ctsw where c is the chamber (A or B), t is the type (X,Y,U, or V) and s is the sector: X->1 to 12 228 wires Y->1 to 4 104 wires U->1 to 6 108 wires V->1 to 6 108 wires But wait! There are only 113 wires in the X plane, thats right, the extra one is for looping and to make it even												AYAT	AYBT	AYCT	AYDT						
W21													AYAU	AYBU	AYCU	AYDU						
W22													AYAV	AYBV	AYCV	AYDV						
W23													AYAW	AYBW	AYCW	AYDW						
W24													AYAX	AYBX	AYCX	AYDX						
W25													AYAY	AYBY	AYCY	AYDY						
W26													AYAZ	AYBZ	AYCZ	AYDZ						

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HMS Chamber 1 Part B (Planes X,Y, and V)

	Second Plane X												Second Plane Y				Plane V					
	S 1	S 2	S 3	S 4	S 5	S 6	S 7	S 8	S 9	S10	S11	S12	S 1	S 2	S 3	S 4	S 1	S 2	S 3	S 4	S 5	S 6
W 1	AXAA	AXBA	AXCA	AXDA	AXEA	AXFA	AXGA	AXHA	AXIA	AXJA	AXKA	AXLA	AYAA	AYBA	AYCA	AYDA	AVAA	AVBA	AVCA	AVDA	AVEA	AVFA
W 2	AXAB	AXBB	AXCB	AXDB	AXEB	AXFB	AXGB	AXHB	AXIB	AXJB	AXKB	AXLB	AYAB	AYBB	AYCB	AYDB	AVAB	AVBB	AVCB	AVDB	AVEB	AVFB
W 3	AXAC	AXBC	AXCC	AXDC	AXEC	AXFC	AXGC	AXHC	AXIC	AXJC	AXKC	AXLC	AYAC	AYBC	AYCC	AYDC	AVAC	AVBC	AVCC	AVDC	AVEC	AVFC
W 4	AXAD	AXBD	AXCD	AXDD	AXED	AXFD	AXGD	AXHD	AXID	AXJD	AXKD	AXLD	AYAD	AYBD	AYCD	AYDD	AVAD	AVBD	AVCD	AVDD	AVED	AVFD
W 5	AXAE	AXBE	AXCE	AXDE	AXEE	AXFE	AXGE	AXHE	AXIE	AXJE	AXKE	AXLE	AYAE	AYBE	AYCE	AYDE	AVAE	AVBE	AVCE	AVDE	AVEE	AVFE
W 6	AXAF	AXBF	AXCF	AXDF	AXEF	AXFF	AXGF	AXHF	AXIF	AXJF	AXKF	AXLF	AYAF	AYBF	AYCF	AYDF	AVAF	AVBF	AVCF	AVDF	AVEF	AVFF
W 7	AXAG	AXBG	AXCG	AXDG	AXEG	AXFG	AXGG	AXHG	AXIG	AXJG	AXKG	AXLG	AYAG	AYBG	AYCG	AYDG	AVAG	AVBG	AVCG	AVDG	AVEG	AVFG
W 8	AXAH	AXBH	AXCH	AXDH	AXEH	AXFH	AXGH	AXHH	AXIH	AXJH	AXKH	AXLH	AYAH	AYBH	AYCH	AYDH	AVAH	AVBH	AVCH	AVDH	AVEH	AVFH
W 9	AXAI	AXBI	AXCI	AXDI	AXEI	AXFI	AXGI	AXHI	AXII	AXJI	AXKI	AXLI	AYAI	AYBI	AYCI	AYDI	AVAI	AVBI	AVCI	AVDI	AVEI	AVFI
W10	AXAJ	AXBJ	AXCJ	AXDJ	AXEJ	AXFJ	AXGJ	AXHJ	AXIJ	AXJJ	AXKJ	AXLJ	AYAJ	AYBJ	AYCJ	AYDJ	AVAJ	AVBJ	AVCJ	AVDJ	AVEJ	AVFJ
W11	AXAK	AXBK	AXCK	AXDK	AXEK	AXFK	AXGK	AXHK	AXIK	AXJK	AXKK	AXLK	AYAK	AYBK	AYCK	AYDK	AVAK	AVBK	AVCK	AVDK	AVEK	AVFK
W12	AXAL	AXBL	AXCL	AXDL	AXEL	AXFL	AXGL	AXHL	AXIL	AXJL	AXKL	AXLL	AYAL	AYBL	AYCL	AYDL	AVAL	AVBL	AVCL	AVDL	AVEL	AVFL
W13	AXAM	AXBM	AXCM	AXDM	AXEM	AXFM	AXGM	AXHM	AXIM	AXJM	AXKM	AXLM	AYAM	AYBM	AYCM	AYDM	AVAM	AVBM	AVCM	AVDM	AVEM	AVFM
W14	AXAN	AXBN	AXCN	AXDN	AXEN	AXFN	AXGN	AXHN	AXIN	AXJN	AXKN	AXLN	AYAN	AYBN	AYCN	AYDN	AVAN	AVBN	AVCN	AVDN	AVEN	AVFN
W15	AXAO	AXBO	AXCO	AXDO	AXEO	AXFO	AXGO	AXHO	AXIO	AXJO	AXKO	AXLO	AYAO	AYBO	AYCO	AYDO	AVAO	AVBO	AVCO	AVDO	AVEO	AVFO
W16	AXAP	AXBP	AXCP	AXDP	AXEP	AXFP	AXGP	AXHP	AXIP	AXJP	AXKP	AXLP	AYAP	AYBP	AYCP	AYDP	AVAP	AVBP	AVCP	AVDP	AVEP	AVFP
W17	AXAQ	AXBQ	AXCQ	AXDQ	AXEQ	AXFQ	AXGQ	AXHQ	AXIQ	AXJQ	AXKQ	AXLQ	AYAQ	AYBQ	AYCQ	AYDQ	AVAQ	AVBQ	AVCQ	AVDQ	AVEQ	AVFQ
W18	AXAR	AXBR	AXCR	AXDR	AXER	AXFR	AXGR	AXHR	AXIR	AXJR	AXKR	AXLR	AYAR	AYBR	AYCR	AYDR	AVAR	AVBR	AVCR	AVDR	AVER	AVFR
W19	AXAS	AXBS	AXCS	AXDS	AXES	AXFS	AXGS	AXHS	AXIS	AXJS	AXKS	AXLS	AYAS	AYBS	AYCS	AYDS	Be aware, there is no way to tell the difference (by looking at the name) between an X wire in the first X plane and a X wire in the second X plane (same thing goes for the Y planes). Therefore, make sure you figure out the "mother" shape of the wire you are looking at!					
W20	The HMS has two wire chambers name = WCHc where c is A or B Each chamber has six planes name = Wcpt where c is the chamber (A or B), p the plane (A or B) and t is the type (X,Y,U, or V) Each plane is composed of differing numbers of sectors and wires wire = ctsw where c is the chamber (A or B), t is the type (X,Y,U, or V) and s is the sector: X->1 to 12 228 wires Y->1 to 4 104 wires U->1 to 6 108 wires V->1 to 6 108 wires But wait! There are only 113 wires in the X plane, thats right, the extra one is for looping and to make it even												AYAT	AYBT	AYCT	AYDT						
W21													AYAU	AYBU	AYCU	AYDU						
W22													AYAV	AYBV	AYCV	AYDV						
W23													AYAW	AYBW	AYCW	AYDW						
W24													AYAX	AYBX	AYCX	AYDX						
W25													AYAY	AYBY	AYCY	AYDY						
W26													AYAZ	AYBZ	AYCZ	AYDZ						

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HMS Chamber 2 Part A (Planes X,Y, and U)

	First Plane X												First Plane Y				Plane U					
	S 1	S 2	S 3	S 4	S 5	S 6	S 7	S 8	S 9	S10	S11	S12	S 1	S 2	S 3	S 4	S 1	S 2	S 3	S 4	S 5	S 6
W 1	BXAA	BXBA	BXCA	BXDA	BXEA	BXFA	BXGA	BXHA	BXIA	BXJA	BXKA	BXLA	BYAA	BYBA	BYCA	BYDA	BUAA	BUBA	BUCA	BUDA	BUEA	BJFA
W 2	BXAB	BXBB	BXCB	BXDB	BXEB	BXFB	BXGB	BXHB	BXIB	BXJB	BXKB	BXLB	BYAB	BYBB	BYCB	BYDB	BUAB	BUBB	BUCB	BUDB	BUEB	BJFB
W 3	BXAC	BXBC	BXCC	BXDC	BXEC	BXFC	BXGC	BXHC	BXIC	BXJC	BXKC	BXLC	BYAC	BYBC	BYCC	BYDC	BUAC	BUBC	BUCC	BUDC	BUEC	BJFC
W 4	BXAD	BXBD	BXCD	BXDD	BXED	BXFD	BXGD	BXHD	BXID	BXJD	BXKD	BXLD	BYAD	BYBD	BYCD	BYDD	BUAD	BUBD	BUCD	BUDD	BUED	BJFD
W 5	BXAE	BXBE	BXCE	BXDE	BXEE	BXFE	BXGE	BXHE	BXIE	BXJE	BXKE	BXLE	BYAE	BYBE	BYCE	BYDE	BUAE	BUBE	BUCE	BUDE	BUEE	BJFE
W 6	BXAF	BXBF	BXCF	BXDF	BXEF	BXFF	BXGF	BXHF	BXIF	BXJF	BXKF	BXLF	BYAF	BYBF	BYCF	BYDF	BUAF	BUBF	BUCF	BUDF	BUEF	BJFF
W 7	BXAG	BXBG	BXCG	BXDG	BXEG	BXFG	BXGG	BXHG	BXIG	BXJG	BXKG	BXLG	BYAG	BYBG	BYCG	BYDG	BUAG	BUBG	BUCG	BUDG	BUEG	BJFG
W 8	BXAH	BXBH	BXCH	BXDH	BXEH	BXFH	BXGH	BXHH	BXIH	BXJH	BXKH	BXLH	BYAH	BYBH	BYCH	BYDH	BUAH	BUBH	BUCH	BUDH	BUEH	BJFH
W 9	BXAI	BXBI	BXCI	BXDI	BXEI	BXFI	BXGI	BXHI	BXII	BXJI	BXKI	BXLI	BYAI	BYBI	BYCI	BYDI	BUAI	BUBI	BUCI	BUDI	BUEI	BJFI
W10	BXAJ	BXBJ	BXCJ	BXDJ	BXEJ	BXFJ	BXGJ	BXHJ	BXIJ	BXJJ	BXKJ	BXLJ	BYAJ	BYBJ	BYCJ	BYDJ	BUAJ	BUBJ	BUCJ	BUDJ	BUEJ	BJFJ
W11	BXAK	BXBK	BXCK	BXDK	BXEK	BXFK	BXGK	BXHK	BXIK	BXJK	BXKK	BXLK	BYAK	BYBK	BYCK	BYDK	BUAK	BUBK	BUCK	BUDK	BUEK	BJFK
W12	BXAL	BXBL	BXCL	BXDL	BXEL	BXFL	BXGL	BXHL	BXIL	BXJL	BXKL	BXLL	BYAL	BYBL	BYCL	BYDL	BUAL	BUBL	BUCL	BUDL	BUEL	BJFL
W13	BXAM	BXBM	BXCM	BXDM	BXEM	BXFM	BXGM	BXHM	BXIM	BXJM	BXKM	BXLM	BYAM	BYBM	BYCM	BYDM	BUAM	BUBM	BUCM	BUDM	BUEM	BJFM
W14	BXAN	BXBN	BXCN	BXDN	BXEN	BXFN	BXGN	BXHN	BXIN	BXJN	BXKN	BXLN	BYAN	BYBN	BYCN	BYDN	BUAN	BUBN	BUCN	BUDN	BUEN	BJFN
W15	BXAO	BXBO	BXCO	BXDO	BXEO	BXFO	BXGO	BXHO	BXIO	BXJO	BXKO	BXLO	BYAO	BYBO	BYCO	BYDO	BUAO	BUBO	BUCO	BUDO	BUEO	BJFO
W16	BXAP	BXBP	BXCP	BXDP	BXEP	BXFP	BXGP	BXHP	BXIP	BXJP	BXKP	BXLP	BYAP	BYBP	BYCP	BYDP	BUAP	BUBP	BUCP	BUDP	BUEP	BJFP
W17	BXAQ	BXBQ	BXCQ	BXDQ	BXEQ	BXFQ	BXGQ	BXHQ	BXIQ	BXJQ	BXKQ	BXLQ	BYAQ	BYBQ	BYCQ	BYDQ	BUAQ	BUBQ	BUCQ	BUDQ	BUEQ	BJFQ
W18	BXAR	BXBR	BXCR	BXDR	BXER	BXFR	BXGR	BXHR	BXIR	BXJR	BXKR	BXLR	BYAR	BYBR	BYCR	BYDR	BUAR	BUBR	BUCR	BUDR	BUER	BJFR
W19	BXAS	BXBS	BXCS	BXDS	BXES	BXFS	BXGS	BXHS	BXIS	BXJS	BXKS	BXLS	BYAS	BYBS	BYCS	BYDS	Be aware, there is no way to tell the difference (by looking at the name) between an X wire in the first X plane and a X wire in the second X plane (same thing goes for the Y planes). Therefore, make sure you figure out the "mother" shape of the wire you are looking at!					
W20	The HMS has two wire chambers name = WCHc where c is A or B Each chamber has six planes name = Wcpt where c is the chamber (A or B), p the plane (A or B) and t is the type (X,Y,U, or V) Each plane is composed of differing numbers of sectors and wires wire = ctsw where c is the chamber (A or B), t is the type (X,Y,U, or V) and s is the sector: X->1 to 12 228 wires Y->1 to 4 104 wires U->1 to 6 108 wires V->1 to 6 108 wires But wait! There are only 113 wires in the X plane, thats right, the extra one is for looping and to make it even												BYAT	BYBT	BYCT	BYDT						
W21													BYAU	BYBU	BYCU	BYDU						
W22													BYAV	BYBV	BYCV	BYDV						
W23													BYAW	BYBW	BYCW	BYDW						
W24													BYAX	BYBX	BYCX	BYDX						
W25													BYAY	BYBY	BYCY	BYDY						
W26													BYAZ	BYBZ	BYCZ	BYDZ						

Jul 29 1999 v1.0	HMS Chamber 2 Part B (Planes X,Y, and V)																					
	Second Plane X												Second Plane Y				Plane V					
	S 1	S 2	S 3	S 4	S 5	S 6	S 7	S 8	S 9	S10	S11	S12	S 1	S 2	S 3	S 4	S 1	S 2	S 3	S 4	S 5	S 6
W 1	BXAA	BXBA	BXCA	BXDA	BXEA	BXFA	BXGA	BXHA	BXIA	BXJA	BXKA	BXLA	BYAA	BYBA	BYCA	BYDA	BVAA	BVBA	BVCA	BVDA	BVEA	BVFA
W 2	BXAB	BXBB	BXCB	BXDB	BXEB	BXFB	BXGB	BXHB	BXIB	BXJB	BXKB	BXLB	BYAB	BYBB	BYCB	BYDB	BVAB	BVBB	BVCB	BVDB	BVEB	BVFB
W 3	BXAC	BXBC	BXCC	BXDC	BXEC	BXFC	BXGC	BXHC	BXIC	BXJC	BXKC	BXLC	BYAC	BYBC	BYCC	BYDC	BVAC	BVBC	BVCC	BVDC	BVEC	BVFC
W 4	BXAD	BXBD	BXCD	BXDD	BXED	BXFD	BXGD	BXHD	BXID	BXJD	BXKD	BXLD	BYAD	BYBD	BYCD	BYDD	BVAD	BVBD	BVCD	BVDD	BVED	BVFD
W 5	BXAE	BXBE	BXCE	BXDE	BXEE	BXFE	BXGE	BXHE	BXIE	BXJE	BXKE	BXLE	BYAE	BYBE	BYCE	BYDE	BVAE	BVBE	BVCE	BVDE	BVEE	BVFE
W 6	BXAF	BXBF	BXCF	BXDF	BXEF	BXFF	BXGF	BXHF	BXIF	BXJF	BXKF	BXLF	BYAF	BYBF	BYCF	BYDF	BVAF	BVBF	BVCF	BVDF	BVEF	BVFF
W 7	BXAG	BXBG	BXCG	BXDG	BXEG	BXFG	BXGG	BXHG	BXIG	BXJG	BXKG	BXLG	BYAG	BYBG	BYCG	BYDG	BVAG	BVBG	BVCG	BVDG	BVEG	BVFG
W 8	BXAH	BXBH	BXCH	BXDH	BXEH	BXFH	BXGH	BXHH	BXIH	BXJH	BXKH	BXLH	BYAH	BYBH	BYCH	BYDH	BVAH	BVBH	BVCH	BVDH	BVEH	BVFH
W 9	BXAI	BXBI	BXCI	BXDI	BXEI	BXFI	BXGI	BXHI	BXII	BXJI	BXKI	BXLI	BYAI	BYBI	BYCI	BYDI	BVAI	BVBI	BVCI	BVDI	BVEI	BVFI
W10	BXAJ	BXBJ	BXCJ	BXDJ	BXEJ	BXFJ	BXGJ	BXHJ	BXIJ	BXJJ	BXKJ	BXLJ	BYAJ	BYBJ	BYCJ	BYDJ	BVAJ	BVBJ	BVCJ	BVDJ	BVEJ	BVFJ
W11	BXAK	BXBK	BXCK	BXDK	BXEK	BXFK	BXGK	BXHK	BXIK	BXJK	BXKK	BXLK	BYAK	BYBK	BYCK	BYDK	BVAK	BVBK	BVCK	BVDK	BVEK	BVFK
W12	BXAL	BXBL	BXCL	BXDL	BXEL	BXFL	BXGL	BXHL	BXIL	BXJL	BXKL	BXLL	BYAL	BYBL	BYCL	BYDL	BVAL	BVBL	BVCL	BVDL	BVEL	BVFL
W13	BXAM	BXBM	BXCM	BXDM	BXEM	BXFM	BXGM	BXHM	BXIM	BXJM	BXKM	BXLM	BYAM	BYBM	BYCM	BYDM	BVAM	BVBM	BVCM	BVDM	BVEM	BVFM
W14	BXAN	BXBN	BXCN	BXDN	BXEN	BXFN	BXGN	BXHN	BXIN	BXJN	BXKN	BXLN	BYAN	BYBN	BYCN	BYDN	BVAN	BVBN	BVCN	BVDN	BVEN	BVFN
W15	BXAO	BXBO	BXCO	BXDO	BXEO	BXFO	BXGO	BXHO	BXIO	BXJO	BXKO	BXLO	BYAO	BYBO	BYCO	BYDO	BVAO	BVBO	BVCO	BVDO	BVEO	BVFO
W16	BXAP	BXBP	BXCP	BXDP	BXEP	BXFP	BXGP	BXHP	BXIP	BXJP	BXKP	BXLP	BYAP	BYBP	BYCP	BYDP	BVAP	BVBP	BVCP	BVDP	BVEP	BVFP
W17	BXAQ	BXBQ	BXCQ	BXDQ	BXEQ	BXFQ	BXGQ	BXHQ	BXIQ	BXJQ	BXKQ	BXLQ	BYAQ	BYBQ	BYCQ	BYDQ	BVAQ	BVBQ	BVCQ	BVDQ	BVEQ	BVFQ
W18	BXAR	BXBR	BXCR	BXDR	BXER	BXFR	BXGR	BXHR	BXIR	BXJR	BXKR	BXLR	BYAR	BYBR	BYCR	BYDR	BVAR	BVBR	BVCR	BVDR	BVER	BVFR
W19	BXAS	BXBS	BXCS	BXDS	BXES	BXFS	BXGS	BXHS	BXIS	BXJS	BXKS	BXLS	BYAS	BYBS	BYCS	BYDS	Be aware, there is no way to tell the difference (by looking at the name) between an X wire in the first X plane and a X wire in the second X plane (same thing goes for the Y planes). Therefore, make sure you figure out the "mother" shape of the wire you are looking at!					
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W26													BYAZ	BYBZ	BYCZ	BYDZ						