

#	HOST	db file	channel name	type	description	module	channel	need acromag module?	Note	Device on Eurocard	P1/P2	Pin Number	Sourcing? (only for bios)	Action for DB file	Acromag Module	Acromag Channel
1	c1ool0	c1ool0/foio.db	C1:100-MC_DEMOD_LO	ai	I&Q Demod Detected LO Readback	VMIVME-3113	#C1 S16 @	Yes	Occasionally useful if it is functional	MC IQ Demod (D990511	P1	3A		REPLACE	AIO	0
2	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_FAST_MON	ai	MC Fast Readback	VMIVME-3113	#C0 S28 @	Yes	Useful.	MC Servo (D040180-B)	P2	3A		REPLACE	AIO	1
3	c1ool0	c1ool0/foio.db	C1:100-MC_RFPD_DCMON	ai	MC RFPD DC Monitor Readback	VMIVME-3113	#C0 S31 @	Yes	Heavily used	LSC Photodiode Interface	P1	3A		REPLACE	AIO	2
4	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_SLOW_MON	ai	MC Slow Readback	VMIVME-3113	#C0 S27 @	Yes	Useful. Length mon.	MC Servo (D040180-B)	P2	2A		REPLACE	AIO	3
5	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_SUM_MON	ai	MC Sum Readback	VMIVME-3113	#C0 S26 @	Yes	Useful.	MC Servo (D040180-B)	P2	1A		REPLACE	AIO	4
6	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_LO_LOCK_MON	ai	Input Optics Lock Monitor from Demod1	VMIVME-3113	#C0 S0 @409	Yes	Local Oscillator Lock Mon: It's doing nothing and	WFS Demod (D980233)	P1	10A		REPLACE	AIO	0
7	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG1_DC	ai	D1 Monitor from Demod1	VMIVME-3113	#C0 S9 @	Yes	They are alive	WFS Demod (D980233)	P1	19A		REPLACE	AIO	1
8	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG1_I	ai	I1 Monitor from Demod1	VMIVME-3113	#C0 S1 @	Yes	They are alive	WFS Demod (D980233)	P1	11A		REPLACE	AIO	0
9	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG1_Q	ai	Q1 Monitor from Demod1	VMIVME-3113	#C0 S5 @	Yes	They are alive	WFS Demod (D980233)	P1	15A		REPLACE	AIO	1
10	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG2_DC	ai	D2 Monitor from Demod1	VMIVME-3113	#C0 S10 @	Yes	They are alive	WFS Demod (D980233)	P1	20A		REPLACE	AIO	2
11	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG2_I	ai	I2 Monitor from Demod1	VMIVME-3113	#C0 S2 @	Yes	They are alive	WFS Demod (D980233)	P1	12A		REPLACE	AIO	2
12	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG2_Q	ai	Q2 Monitor from Demod1	VMIVME-3113	#C0 S6 @	Yes	They are alive	WFS Demod (D980233)	P1	16A		REPLACE	AIO	3
13	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG3_DC	ai	D3 Monitor from Demod1	VMIVME-3113	#C0 S11 @	Yes	They are alive	WFS Demod (D980233)	P1	21A		REPLACE	AIO	3
14	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG3_I	ai	I3 Monitor from Demod1	VMIVME-3113	#C0 S3 @	Yes	They are alive	WFS Demod (D980233)	P1	13A		REPLACE	AIO	4
15	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG3_Q	ai	Q3 Monitor from Demod1	VMIVME-3113	#C0 S7 @	Yes	They are alive	WFS Demod (D980233)	P1	17A		REPLACE	AIO	5
16	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG4_DC	ai	D4 Monitor from Demod1	VMIVME-3113	#C0 S12 @	Yes	They are alive	WFS Demod (D980233)	P1	22A		REPLACE	AIO	4
17	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG4_I	ai	I4 Monitor from Demod1	VMIVME-3113	#C0 S4 @	Yes	They are alive	WFS Demod (D980233)	P1	14A		REPLACE	AIO	6
18	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS1_SEG4_Q	ai	Q4 Monitor from Demod1	VMIVME-3113	#C0 S8 @	Yes	They are alive	WFS Demod (D980233)	P1	18A		REPLACE	AIO	7
19	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_LO_LOCK_MON	ai	Input Optics Lock Monitor from Demod2	VMIVME-3113	#C0 S13 @40	Yes	Local Oscillator Lock Mon: It's doing nothing and	WFS Demod (D980233)	P1	10A		REPLACE	AIO	0
20	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG1_DC	ai	D1 Monitor from Demod2	VMIVME-3113	#C0 S22 @	Yes	They are alive	WFS Demod (D980233)	P1	19A		REPLACE	AIO	1
21	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG1_I	ai	I1 Monitor from Demod2	VMIVME-3113	#C0 S14 @	Yes	They are alive	WFS Demod (D980233)	P1	11A		REPLACE	AIO	0
22	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG1_Q	ai	Q1 Monitor from Demod2	VMIVME-3113	#C0 S18 @	Yes	They are alive	WFS Demod (D980233)	P1	15A		REPLACE	AIO	1
23	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG2_DC	ai	D2 Monitor from Demod2	VMIVME-3113	#C0 S23 @	Yes	They are alive	WFS Demod (D980233)	P1	20A		REPLACE	AIO	2
24	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG2_I	ai	I2 Monitor from Demod2	VMIVME-3113	#C0 S15 @	Yes	They are alive	WFS Demod (D980233)	P1	12A		REPLACE	AIO	2
25	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG2_Q	ai	Q2 Monitor from Demod2	VMIVME-3113	#C0 S19 @	Yes	They are alive	WFS Demod (D980233)	P1	16A		REPLACE	AIO	3
26	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG3_DC	ai	D3 Monitor from Demod2	VMIVME-3113	#C0 S24 @	Yes	They are alive	WFS Demod (D980233)	P1	21A		REPLACE	AIO	3
27	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG3_I	ai	I3 Monitor from Demod2	VMIVME-3113	#C0 S16 @	Yes	They are alive	WFS Demod (D980233)	P1	13A		REPLACE	AIO	4
28	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG3_Q	ai	Q3 Monitor from Demod2	VMIVME-3113	#C0 S20 @	Yes	They are alive	WFS Demod (D980233)	P1	17A		REPLACE	AIO	5
29	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG4_DC	ai	D4 Monitor from Demod2	VMIVME-3113	#C0 S25 @	Yes	They are alive	WFS Demod (D980233)	P1	22A		REPLACE	AIO	4
30	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG4_I	ai	I4 Monitor from Demod2	VMIVME-3113	#C0 S17 @	Yes	They are alive	WFS Demod (D980233)	P1	14A		REPLACE	AIO	6
31	c1ool0	c1ool0/foio_wfs.db	C1:100-WFS2_SEG4_Q	ai	Q4 Monitor from Demod2	VMIVME-3113	#C0 S21 @	Yes	They are alive	WFS Demod (D980233)	P1	18A		REPLACE	AIO	7
32	c1psl	c1psl/psl.db	C1:PSL-FSS_FAST	ai	FAST- fast actuator input	VMIVME-3113	#C0 S24 @	Yes	FSS	TTFSS Interface (D04042	P1	12A		REPLACE	AIO	0
33	c1psl	c1psl/psl.db	C1:PSL-FSS_LODET	ai	LODET- detected local oscillator level	VMIVME-3113	#C0 S22 @	Yes	FSS Demod	TTFSS Interface (D04042	P1	4A		REPLACE	AIO	1
34	c1psl	c1psl/psl.db	C1:PSL-FSS_PCDRIVE	ai	PCDRIVE- reference cavity Pockels cell input	VMIVME-3113	#C0 S25 @	Yes	FSS	TTFSS Interface (D04042	P1	13A		REPLACE	AIO	2
35	c1psl	c1psl/psl.db	C1:PSL-FSS_RCTEMP	ai	RCTEMP - reference cavity temperature	VMIVME-3123	#C0 S8 @	Yes	Useful. But we should change the ch Name.				already connected to an acromag	REPLACE	AIO	3
36	c1psl	c1psl/psl.db	C1:PSL-FSS_RCTRANSPP	ai	RCTRANSPP- reference cavity transmitted light	VMIVME-3123	#C0 S9 @	Yes	though it is not used	Generic DAQ Interface (P1		10A		REPLACE	AIO	4
37	c1psl	c1psl/psl.db	C1:PSL-FSS_RFPDDC	ai	RFPDDC- RFPD DC output	VMIVME-3113	#C0 S21 @	Yes	FSS PD	Generic DAQ Interface (P1		9A		REPLACE	AIO	5
38	c1psl	c1psl/psl.db	C1:PSL-FSS_SLOWM	ai	SLOWM- slow actuator voltage monitor	VMIVME-3123	#C0 S1 @	Yes	Most Useful	TTFSS Interface (D04042	P1	8A		REPLACE	AIO	6
39	c1ool0	c1ool0/foio.db	C1:PSL-PMC_INPUT_DC	ai	PMC Input DC Light Level	VMIVME-3113	#C0 S60 @	Yes	<b>Have never seen the PD. To be reviewed</b>					REPLACE	AIO	0
40	c1psl	c1psl/psl.db	C1:PSL-PMC_LODET	ai	LODET- detected local oscillator level	VMIVME-3113	#C0 S33 @	Yes	PMC Demod	PMC SERVO (D980352)	P1	1A		REPLACE	AIO	1
41	c1psl	c1psl/psl.db	C1:PSL-PMC_MODAL	ai	MODAL- 35.5 MHz oscillator power	VMIVME-3113	#C0 S38 @	Yes	PMC	Crystal Freq. Ref	P1	3A		REPLACE	AIO	2
42	c1psl	c1psl/psl.db	C1:PSL-PMC_PMCERR	ai	PMCERR- error point	VMIVME-3123	#C0 S5 @	Yes	Useful	PMC SERVO (D980352)	P1	2A		REPLACE	AIO	3
43	c1psl	c1psl/psl.db	C1:PSL-PMC_PMCTRANSPD	ai	PMCTRANSPP- pre-modcleaner transmitted light	VMIVME-3123	#C0 S10 @	Yes	PMC Servo	PMC SERVO (D980352)			Already connected to an Acromag	REPLACE	AIO	4
44	c1psl	c1psl/psl.db	C1:PSL-PMC_PZT	ai	PZT- PMC PZT output	VMIVME-3113	#C0 S36 @	Yes	PMC	PMC SERVO (D980352)	P1	3A		REPLACE	AIO	5
45	c1psl	c1psl/psl.db	C1:PSL-PMC_RFPDDC	ai	RFPDDC- RFPD DC output	VMIVME-3113	#C0 S32 @	Yes	PMC	Generic DAQ Interface (P1		11A		REPLACE	AIO	6
46	c1psl	c1psl/psl.db	C1:PSL-PPKTP_TEMP	ai	RMTEMP - room temperature	VMIVME-3123	#C0 S7 @	Yes	Useful. But strange Ch Name.				Not connected	REPLACE	AIO	7
47	c1ool0	c1ool0/foio.db	C1:PSL-QPD_ANG_HOR	ai	IOO ANG QPD, horizontal	VMIVME-3113	#C1 S4 @	Yes	They are still on the PSL table	PSL POS & ANG (D99069	P1/P2	5A/12A		REPLACE	AIO	0
48	c1ool0	c1ool0/foio.db	C1:PSL-QPD_ANG_SUM	ai	IOO ANG QPD, sum	VMIVME-3113	#C1 S6 @	Yes	They are still on the PSL table	PSL POS & ANG (D99069	P1/P2	7A/14A		REPLACE	AIO	1
55	c1ool0	c1ool0/foio.db	C1:PSL-QPD_ANG_VERT	ai	IOO ANG QPD, vertical	VMIVME-3113	#C1 S5 @	Yes	They are still on the PSL table	PSL POS & ANG (D99069	P1/P2	6A/13A		REPLACE	AIO	2
56	c1ool0	c1ool0/foio.db	C1:PSL-QPD_POS_HOR	ai	IOO POS QPD, horizontal	VMIVME-3113	#C1 S11 @	Yes	They are still on the PSL table	PSL POS & ANG (D99069	P1/P2	13A/6A		REPLACE	AIO	3
57	c1ool0	c1ool0/foio.db	C1:PSL-QPD_POS_SUM	ai	IOO POS QPD, sum	VMIVME-3113	#C1 S13 @	Yes	They are still on the PSL table	PSL POS & ANG (D99069	P1/P2	14A/7A		REPLACE	AIO	4
58	c1ool0	c1ool0/foio.db	C1:PSL-QPD_POS_VERT	ai	IOO POS QPD, vertical	VMIVME-3113	#C1 S12 @	Yes	They are still on the PSL table	PSL POS & ANG (D99069	P1/P2	12A/5A		REPLACE	AIO	5
59	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_REFLL_OFFSET	ao	MC RFPD bias voltage Adjust	VMIVME-4116	#C0 S4 @	Yes	The description is wrong. This is the input offset.	MC Servo (D040180-B)	P2	25A		REPLACE	AIO	0
60	c1psl	c1psl/psl.db	C1:PSL-FSS_FASTGAIN	ao	FASTGAIN- fast loop gain adjust	VMIVME-4116	#C0 S7 @	Yes	Used everyday	TTFSS Interface (D04042	P1	11A		REPLACE	AIO	1
61	c1psl	c1psl/psl.db	C1:PSL-FSS_INOFFSET	ao	INOFFSET- input offset trim	VMIVME-4116	#C0 S5 @	Yes	Used everyday	TTFSS Interface (D04042	P1	3A		REPLACE	AIO	2
62	c1psl	c1psl/psl.db	C1:PSL-FSS_MGAIN	ao	MGAIN- frequency stabilization servo loop gain	VMIVME-4116	#C0 S6 @	Yes	Used everyday	TTFSS Interface (D04042	P1	5A		REPLACE	AIO	3
63	c1psl	c1psl/psl.db	C1:PSL-FSS_SLOWDC	ao	SLOWDC- DC offset adjust of slow actuator	VMIVME-4116	#C1 S2 @	Yes	Most Useful	TTFSS Interface (D04042	P1	7A ?		REPLACE	AIO	4
64	c1psl	c1psl/psl.db	C1:PSL-PMC_GAIN	ao	GAIN- overall pre-modcleaner servo loop gain	VMIVME-4116	#C1 S5 @	Yes	PMC	PMC SERVO (D980352)	P1	4A		REPLACE	AIO	0
65	c1psl	c1psl/psl.db	C1:PSL-PMC_INOFFSET	ao	INOFFSET- input offset trim	VMIVME-4116	#C1 S6 @	Yes	PMC	PMC SERVO (D980352)	P1	5A		REPLACE	AIO	1
66	c1psl	c1psl/psl.db	C1:PSL-PMC_PHCON	ao	PHCON- phase shifter control	VMIVME-4116	#C1 S7 @	Yes	PMC	Crystal Freq. Ref	P1	1A		REPLACE	AIO	2
71	c1psl	c1psl/psl.db	C1:PSL-PMC_RAMP	ao	RAMP- pre-modcleaner lock acquisition ramp	VMIVME-4116	#C2 S2 @	Yes	PMC	PMC SERVO (D980352)	P1	8A		REPLACE	AIO	3
72	c1psl	c1psl/psl.db	C1:PSL-PMC_RFADJ	ao	RFADJ- RF output adjust	VMIVME-4116	#C2 S1 @	Yes	PMC	Crystal Freq. Ref	P1	3A		REPLACE	AIO	4
73	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_LIMIT	bi	MC_F limit reached	XVME-210	#C0 S15 @	Yes		MC Servo (D040180-B)	P2	9A		REPLACE	BIO	0
74	c1aux	c1aux/SHutterInterio	C1:AUX-PSL_Shutter	bo	PSL mechanical shutter open/close	XVME-220	#C0 S10 @	Yes	to be moved to c1psl					REPLACE	BIO	0
75	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_BOOST1	bo	Comp Switch B2	XVME-220	#C2 S23 @	Yes		MC Servo (D040180-B)	P1	24A	No	REPLACE	BIO	1
76	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_EXCA_EN	bo	Boost Excitation	XVME-220	#C2 S24 @	Yes		MC Servo (D040180-B)	P1	25A	No	REPLACE	BIO	2
77	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_EXCB_EN	bo	B Excitation	XVME-220	#C2 S29 @	Yes		MC Servo (D040180-B)	P1	30A	No	REPLACE	BIO	3
78	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_FASTSW	bo	Fast Path Enable	XVME-220	#C2 S27 @	Yes		MC Servo (D040180-B)	P1	28A	No	REPLACE	BIO	4
79	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_FILTER	bo	Filter Enable	XVME-220	#C2 S26 @	Yes		MC Servo (D040180-B)	P1	27A	No	REPLACE	BIO	5

#	HOST	db file	channel name	type	description	module	channel	need acromag module?	Note	Device on Eurocard	P1/P2	Pin Number	Sourcing? (only for bios)	Action for DB file	Acromag Module	Acromag Channel	
80	c100l0	c100l0/c1mcservo.d	C1:100-MC_LATCH_EN	bo	B Excitation	XVME-220	#C0 S16 @	Yes	Not sure what this is...	MC Servo (D040180-B)	P2	16A	No	REPLACE	BIO0	6	
81	c100l0	c100l0/c1mcservo.d	C1:100-MC_LIMITER	bo	Toggle Diodes	XVME-220	#C2 S31 @	Yes		MC Servo (D040180-B)	P1	32A	No	REPLACE	BIO0	7	
82	c100l0	c100l0/c1mcservo.d	C1:100-MC_OPTIONA	bo	Daughter Board A Enable	XVME-220	#C2 S25 @	Yes		MC Servo (D040180-B)	P1	26A	No	REPLACE	BIO0	8	
83	c100l0	c100l0/c1mcservo.d	C1:100-MC_OPTIONB	bo	Daughter Board B Enable	XVME-220	#C2 S30 @	Yes		MC Servo (D040180-B)	P1	31A	No	REPLACE	BIO0	9	
84	c100l0	c100l0/c1mcservo.d	C1:100-MC_POL	bo	Servo split polarity	XVME-220	#C2 S28 @	Yes		MC Servo (D040180-B)	P1	29A	No	REPLACE	BIO0	10	
85	c100l0	c100l0/c1mcservo.d	C1:100-MC_SW1	bo	Input Switch	XVME-220	#C2 S18 @	Yes		MC Servo (D040180-B)	P1	19A	No	REPLACE	BIO0	11	
86	c100l0	c100l0/c1mcservo.d	C1:100-MC_SW2	bo	AO Path Switch	XVME-220	#C2 S19 @	Yes		MC Servo (D040180-B)	P1	20A	No	REPLACE	BIO0	12	
87	c100l0	c100l0/c1mcservo.d	C1:100-MC_SW3	bo	INPUT 2 SWITCH	XVME-220	#C2 S20 @	Yes		MC Servo (D040180-B)	P1	21A	No	REPLACE	BIO0	13	
92	c100l0	c100l0/iao_wfs.db	C1:100-WFS1_SEG1_ATTEN	bo	SW1 demod1	XVME-220	#C0 S0 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	1A	No	REPLACE	BIO2	0	
93	c100l0	c100l0/iao_wfs.db	C1:100-WFS1_SEG2_ATTEN	bo	SW2 demod1	XVME-220	#C0 S1 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	2A	No	REPLACE	BIO2	1	
94	c100l0	c100l0/iao_wfs.db	C1:100-WFS1_SEG3_ATTEN	bo	SW3 demod1	XVME-220	#C0 S2 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	3A	No	REPLACE	BIO2	2	
95	c100l0	c100l0/iao_wfs.db	C1:100-WFS1_SEG4_ATTEN	bo	SW4 demod1	XVME-220	#C0 S3 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	4A	No	REPLACE	BIO2	3	
96	c100l0	c100l0/iao_wfs.db	C1:100-WFS2_SEG1_ATTEN	bo	SW1 demod2	XVME-220	#C0 S8 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	1A	No	REPLACE	BIO2	4	
97	c100l0	c100l0/iao_wfs.db	C1:100-WFS2_SEG2_ATTEN	bo	SW2 demod2	XVME-220	#C0 S9 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	2A	No	REPLACE	BIO2	5	
98	c100l0	c100l0/iao_wfs.db	C1:100-WFS2_SEG3_ATTEN	bo	SW3 demod2	XVME-220	#C0 S10 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	3A	No	REPLACE	BIO2	6	
99	c100l0	c100l0/iao_wfs.db	C1:100-WFS2_SEG4_ATTEN	bo	SW4 demod2	XVME-220	#C0 S11 @	Yes	Not recorded. But still alive and effective. D9800:WFS Demod (D980233)		P1	4A	No	REPLACE	BIO2	7	
100	c1psl	c1psl/psl.db	C1:PSL-FSS_FASTSWEEP	bo	FASTSWEEPTEST- front panel ramp input	XVME-220	#C0 S18 @	Yes	TTFSS	TTFSS Interface (D04042 P1		14A	Yes	REPLACE	BIO3	0	
101	c1psl	c1psl/psl.db	C1:PSL-FSS_SW1	bo	SW1- front panel switch 1	XVME-220	#C0 S4 @	Yes	TTFSS	TTFSS Interface (D04042 P1		1A	Yes	REPLACE	BIO3	1	
102	c1psl	c1psl/psl.db	C1:PSL-FSS_SW2	bo	SW2- front panel switch 2	XVME-220	#C0 S5 @	Yes	TTFSS	TTFSS Interface (D04042 P1		2A	Yes	REPLACE	BIO3	2	
103	c1psl	c1psl/psl.db	C1:PSL-PMC_BLANK	bo	BLANK- blank input to PMC PZT	XVME-220	#C0 S15 @	Yes	PMC Servo	PMC SERVO (D980352)		P1	9A	No	REPLACE	BIO2	8
104	c1psl	c1psl/psl.db	C1:PSL-PMC_PHLIP	bo	PHLIP- flip phase by 180 degrees	XVME-220	#C0 S14 @	Yes	PMC Servo	Crystal Freq. Ref		P1	4A	No	REPLACE	BIO2	9
105	c1psl	c1psl/psl.db	C1:PSL-PMC_SW1	bo	SW1- switch 1	XVME-220	#C0 S9 @	Yes	PMC Servo	PMC SERVO (D980352)		P1	6A	No	REPLACE	BIO2	10
106	c1psl	c1psl/psl.db	C1:PSL-PMC_SW2	bo	SW2- switch 2	XVME-220	#C0 S10 @	Yes	PMC Servo	PMC SERVO (D980352)		P1	7A	No	REPLACE	BIO2	11
107	c100l0	c100l0/c1mcservo.d	C1:100-MC_AO_BITS	mbboDirect	AO gain bits	XVME-220	#C2 S6 @	Yes	6bits	MC Servo (D040180-B)	P1	13A-18A	No	REPLACE	BIO1	1,2,3,4,5,6	
108	c100l0	c100l0/c1mcservo.d	C1:100-MC_BOOST2_BITS	mbboDirect	Boost bits	XVME-220	#C2 S21 @	Yes	2bits	MC Servo (D040180-B)	P1	22A,23A	No	REPLACE	BIO0	14,15	
109	c100l0	c100l0/c1mcservo.d	C1:100-MC_REFL_BITS	mbboDirect	REFL gain bits	XVME-220	#C2 S0 @	Yes	6bits	MC Servo (D040180-B)	P1	1A-6A	No	REPLACE	BIO1	7,8,9,10,11,1	
110	c100l0	c100l0/c1mcservo.d	C1:100-MC_VCO_BITS	mbboDirect	VCO gain bits	XVME-220	#C2 S12 @	Yes	6bits	MC Servo (D040180-B)	P1	7A-12A	No	REPLACE	BIO1   BIO2	13,14,15   1	
111	c1psl	c1psl/iss.db	C1:PSL-ISS_INMONPD	ai	INMONPD- IN Out PD DC	VMIVME-3123	#C0 S12 @	NO	ISS should be renewed					COPY			
112	c1psl	c1psl/iss.db	C1:PSL-ISS_CSDRIVE	ai	CSDRIVE- current shunt drive	VMIVME-3123	#C0 S11 @	NO	ISS should be renewed					COPY			
113	c1psl	c1psl/iss.db	C1:PSL-ISS_CSDRIVE_MEAN	ai	CSDRIVE- current shunt drive mean value	VMIVME-3123	#C0 S11 @	NO	ISS should be renewed					COPY			
114	c1psl	c1psl/iss.db	C1:PSL-ISS_INSENSPD	ai	INSENSPD- IN in PD DC	VMIVME-3123	#C0 S4 @	NO	ISS should be renewed					COPY			
115	c1psl	c1psl/iss.db	C1:PSL-ISS_INERRPT	ai	INERRPT- In ErrP Sat	VMIVME-3123	#C0 S13 @	NO	ISS should be renewed					COPY			
116	c1psl	c1psl/iss.db	C1:PSL-ISS_CSSAT	ai	CSSAT- current shunt saturation monitor	VMIVME-3123	#C0 S14 @	NO	ISS should be renewed					COPY			
117	c1psl	c1psl/iss.db	C1:PSL-ISS_INTESTENABLE	bo	INTESTENABLE- Test IN enable	XVME-220	#C0 S23 @	NO	ISS should be renewed					COPY			
118	c1psl	c1psl/iss.db	C1:PSL-ISS_INLOOPSWITCH	bo	INLOOPSWITCH- enable/disable loop	XVME-220	#C0 S24 @	NO	ISS should be renewed					COPY			
119	c1psl	c1psl/iss.db	C1:PSL-ISS_LFSERVO	ao	LFSERVO- slow servo	VMIVME-4116	#C2 S3 @	NO	ISS should be renewed					COPY			
120	c1psl	c1psl/iss.db	C1:PSL-ISS_VGAGAIN	ao	VGAGAIN- in-the-loop photodetector offset	VMIVME-4116	#C2 S6 @	NO	ISS should be renewed					COPY			
121	c1psl	c1psl/psl.db	C1:PSL-126MOPA_AMPMON	ai	AMPMON- power amplifier monitor	VMIVME-3123	#C0 S2 @	NO	No MOPA					DELETE			
122	c1psl	c1psl/psl.db	C1:PSL-126MOPA_126MON	ai	126MON- master oscillator monitor	VMIVME-3123	#C0 S6 @	NO	No MOPA					DELETE			
123	c1psl	c1psl/psl.db	C1:LSC-EX_GRNBEAT_FREQ	calc	EX-PSL Green Beat Note Frequency			NO						COPY			
124	c1psl	c1psl/psl.db	C1:PSL-126MOPA_126PWR	ai	126PWR- 126 Power Monitor	VMIVME-3113	#C0 S10 @	NO	No MOPA					DELETE			
125	c1psl	c1psl/psl.db	C1:PSL-126MOPA_DTMP	ai	DTMP- diode temperature	VMIVME-3113	#C0 S11 @	NO	No MOPA					DELETE			
126	c1psl	c1psl/psl.db	C1:PSL-126MOPA_LTMP	ai	LTMP- measured crystal temperature	VMIVME-3113	#C0 S12 @	NO	No MOPA					DELETE			
127	c1psl	c1psl/psl.db	C1:PSL-126MOPA_DMON	ai	DMON- NPRO pump laser diode power	VMIVME-3113	#C0 S13 @	NO	No MOPA					DELETE			
128	c1psl	c1psl/psl.db	C1:PSL-126MOPA_LMON	ai	LMON- NPRO power before fiber	VMIVME-3113	#C0 S14 @	NO	No MOPA					DELETE			
129	c1psl	c1psl/psl.db	C1:PSL-126MOPA_CURMON	ai	CURMON- NPRO diode current monitor	VMIVME-3113	#C0 S15 @	NO	No MOPA					DELETE			
130	c1psl	c1psl/psl.db	C1:PSL-126MOPA_DTEC	ai	DTEC- voltage applied to diode TEC	VMIVME-3113	#C0 S16 @	NO	No MOPA					DELETE			
131	c1psl	c1psl/psl.db	C1:PSL-126MOPA_LTEC	ai	LTEC- voltage applied to NPRO TEC	VMIVME-3113	#C0 S17 @	NO	No MOPA					DELETE			
132	c1psl	c1psl/psl.db	C1:PSL-126MOPA_CURMON2	ai	CURMON2- power amplifier diode current monitor	VMIVME-3113	#C0 S18 @	NO	No MOPA					DELETE			
133	c1psl	c1psl/psl.db	C1:PSL-126MOPA_HTEMP	ai	HTEMP- head temperature	VMIVME-3113	#C0 S19 @	NO	No MOPA					DELETE			
134	c1psl	c1psl/psl.db	C1:PSL-126MOPA_HTEMPSET	ai	HTEMPSET- head temperature set point	VMIVME-3113	#C0 S20 @	NO	No MOPA					DELETE			
135	c1psl	c1psl/psl.db	C1:PSL-FSS_LOCALC	calc				NO						COPY			
136	c1psl	c1psl/psl.db	C1:PSL-FSS_RTLL	ao	RTLL- Reference cavity transmission threshold	Soft Channel		NO						COPY			
137	c1psl	c1psl/psl.db	C1:PSL-PMC_PMCCTLL	ao	PMCCTLL- PMC transmission threshold	Soft Channel		NO						COPY			
138	c1psl	c1psl/psl.db	C1:PSL-PMC_LOCALC	calc				NO						COPY			
139	c1psl	c1psl/psl.db	C1:PSL-FSS_MODET	ai	MODET- 21.5 MHz oscillator power	VMIVME-3113	#C0 S37 @	NO	No Ref cav					DELETE			
140	c1psl	c1psl/psl.db	C1:PSL-FSS_MINCOMEAS	ai	MINCOMEAS Drive to the MINCO controller from tem	VMIVME-3123	#C0 S3 @	NO	No Ref cav					DELETE			
141	c1psl	c1psl/psl.db	C1:PSL-FSS_VCODETPWR	ai	VCODETPWR - VCO detected output power	VMIVME-3113	#C0 S43 @	NO	No Ref cav					DELETE			
142	c1psl	c1psl/psl.db	C1:PSL-FSS_MIXERM	ai	MIXERM- mixer voltage monitor	VMIVME-3123	#C0 S0 @	NO	No Ref cav					DELETE			
143	c1psl	c1psl/psl.db	C1:PSL-126MOPA_FAULT	bi	FAULT- fault indicator	XVME-210	#C0 S1 @	NO	No MOPA					DELETE			
144	c1psl	c1psl/psl.db	C1:PSL-126MOPA_INTERLOCK	bi	INTERLOCK- interlock indicator	XVME-210	#C0 S2 @	NO	No MOPA					DELETE			
145	c1psl	c1psl/psl.db	C1:PSL-126MOPA_SHUTTER	bi	SHUTTER- shutter indicator	XVME-210	#C0 S3 @	NO	No MOPA					DELETE			
146	c1psl	c1psl/psl.db	C1:PSL-126MOPA_126LASE	bi	126LASE- master oscillator lase indicator	XVME-210	#C0 S4 @	NO	No MOPA					DELETE			
147	c1psl	c1psl/psl.db	C1:PSL-126MOPA_AMPON	bi	AMPON- power amplifier indicator	XVME-210	#C0 S5 @	NO	No MOPA					DELETE			
148	c1psl	c1psl/psl.db	C1:PSL-126MOPA_126NE	bo	126NE- NPRO noise eater control	XVME-220	#C0 S2 @	NO	No MOPA					DELETE			
149	c1psl	c1psl/psl.db	C1:PSL-126MOPA_126STANDBY	bo	126STANDBY- master oscillator standby control	XVME-220	#C0 S3 @	NO	No MOPA					DELETE			
150	c1psl	c1psl/psl.db	C1:PSL-126MOPA_SHUTOPENEX	bo	SHUTOPENEX- shutter control	XVME-220	#C0 S11 @	NO	No MOPA					DELETE			
151	c1psl	c1psl/psl.db	C1:PSL-126MOPA_STANDBY	bo	STANDBY- standby control	XVME-220	#C0 S12 @	NO	No MOPA					DELETE			
152	c1psl	c1psl/psl.db	C1:PSL-FSS_PHLIP	bo	PHLIP- flip phase by 180 degrees	XVME-220	#C0 S13 @	NO	No ref cav					DELETE			

#	HOST	db file	channel name	type	description	module	channel	need acromag module?	Note	Device on Eurocard	P1/P2	Pin Number	Sourcing? (only for bios)	Action for DB file	Acromag Module	Acromag Channel
153	c1psl	c1psl/psl.db	C1:PSL-FSS_VCOTESTSW	bo	VCOTESTSW - VCO test switch	XVME-220	#CO S16 @	NO	No ref cav					DELETE		
154	c1psl	c1psl/psl.db	C1:PSL-FSS_VCOWIDESW	bo	VCOWIDESW - VCO wideband input switch	XVME-220	#CO S17 @	NO	No ref cav					DELETE		
155	c1psl	c1psl/psl.db	C1:PSL-126MOPA_126CURADJ	ao	126CURADJ- master oscillator current adjust	VMIVME-4116	#CO S0 @	NO	No MOPA					DELETE		
156	c1psl	c1psl/psl.db	C1:PSL-126MOPA_DCAMP	ao	DCAMP- power amplifier DC current adjust	VMIVME-4116	#CO S4 @	NO	No MOPA					DELETE		
157	c1psl	c1psl/psl.db	C1:PSL-126MOPA_DCAMP-	ao	DCAMP- power amplifier DC current adjust. This is the	VMIVME-4116	#CO S3 @	NO	No MOPA					DELETE		
158	c1psl	c1psl/psl.db	C1:PSL-FSS_PHCON	ao	PHCON- phase shifter control	VMIVME-4116	#C1 S0 @	NO	No Ref cav					DELETE		
159	c1psl	c1psl/psl.db	C1:PSL-FSS_RFADJ	ao	RFADJ- Amplitude control for Pockels cell drive	VMIVME-4116	#C1 S1 @	NO	No Ref cav					DELETE		
160	c1psl	c1psl/psl.db	C1:PSL-FSS_TIDALINPUT	ai	TIDALINPUT- tidal actuator input	VMIVME-3123	#CO S3 @	NO	No Ref cav					DELETE		
161	c1psl	c1psl/psl.db	C1:PSL-FSS_TIDALOUT	ai	TIDALOUT- drive to the reference cavity heater	VMIVME-3113	#CO S28 @	NO	No Ref cav					DELETE		
162	c1psl	c1psl/psl.db	C1:PSL-FSS_TIDALSET	ao	TIDALSET- tidal actuator VME setpoint offset	VMIVME-4116	#C2 S5 @	NO	No Ref cav					DELETE		
163	c1psl	c1psl/psl.db	C1:PSL-126MOPA_BEAMON	calc	BEAMON- 10-W beam visibility logical			NO						COPY		
164	c1psl	c1psl/psl.db	C1:PSL-FSS_SLOWLOOP	bi	SLOWLOOP- frequency servo slow loop enable	Soft Channel		NO						COPY		
165	c1psl	c1psl/psl.db	C1:PSL-PMC_LOCK	mbbi	LOCK- PMC servo lock acquisition enable			NO						COPY		
166	c1psl	c1psl/psl.db	C1:PSL-FSS_LOCK	mbbi	LOCK- frequency servo lock acquisition enable			NO						COPY		
167	c1psl	c1psl/psl.db	C1:PSL-AUTOLOCK_BEAT	bi	PSL AL Heartbeat			NO						COPY		
168	c1psl	c1psl/dc.db	C1:PSL-ISS_SLOWKD	ao	SLOWKD- SLOW loop derivative gain	Soft Channel		NO						COPY		
169	c1psl	c1psl/dc.db	C1:PSL-ISS_SLOWKI	ao	SLOWKI- SLOW loop integral gain	Soft Channel		NO						COPY		
170	c1psl	c1psl/dc.db	C1:PSL-ISS_SLOWKP	ao	SLOWKP- SLOW loop proportional gain	Soft Channel		NO						COPY		
171	c1psl	c1psl/dc.db	C1:PSL-ISS_LOCKEDLEVEL	ao	LOCKEDLEVEL-	Soft Channel		NO						COPY		
172	c1psl	c1psl/dc.db	C1:PSL-126MOPA_AMPLIMIT	ao	AMPLIMIT- power amplifier diode current limit	Soft Channel		NO						COPY		
173	c1psl	c1psl/dc.db	C1:PSL-126MOPA_IMAX	ao	IMAX- maximum diode current	Soft Channel		NO						COPY		
174	c1psl	c1psl/dc.db	C1:PSL-ISS_TIMEOUT	ao	TIMEOUT- loop sampling time	Soft Channel		NO						COPY		
175	c1psl	c1psl/dc.db	C1:PSL-ISS_SETPT	ao	SETPT- intensity stabilisation set point	Soft Channel		NO						COPY		
176	c1psl	c1psl/dc.db	C1:PSL-ISS_SOFTWAREVERSION	stringin	ISS Control Version Number			NO						COPY		
177	c1psl	c1psl/dc.db	C1:PSL-ISS_FEEDBACK	bi	FEEDBACK- enable feedback	Soft Channel		NO						COPY		
178	c1psl	c1psl/dc.db	C1:PSL-ISS_DEBUG	bi	DEBUG- enable the DEBUG mode for state code	Soft Channel		NO						COPY		
179	c1psl	c1psl/dc.db	C1:PSL-ISS_ENABLEPID	bi	ENABLEPID- enable PID control of the diode current	Soft Channel		NO						COPY		
180	c1psl	c1psl/slowpid.db	C1:PSL-FSS_SLOWKD	ao	SLOWKD- SLOW loop derivative gain	Soft Channel		NO						COPY		
181	c1psl	c1psl/slowpid.db	C1:PSL-FSS_SLOWKI	ao	SLOWKI- SLOW loop integral gain	Soft Channel		NO						COPY		
182	c1psl	c1psl/slowpid.db	C1:PSL-FSS_SLOWKP	ao	SLOWKP- SLOW loop proportional gain	Soft Channel		NO						COPY		
183	c1psl	c1psl/slowpid.db	C1:PSL-FSS_LOCKEDLEVEL	ao	LOCKEDLEVEL- Locked reference cavity light level	Soft Channel		NO						COPY		
184	c1psl	c1psl/slowpid.db	C1:PSL-FSS_TIMEOUT	ao	TIMEOUT- PID loop sampling time	Soft Channel		NO						COPY		
185	c1psl	c1psl/slowpid.db	C1:PSL-FSS_SLOWVERSION	stringin	SLOW Loop version number			NO						COPY		
186	c1psl	c1psl/slowpid.db	C1:PSL-FSS_SLOWLOOP	bi	SLOWLOOP- frequency servo slow loop enable	Soft Channel		NO						COPY		
187	c1psl	c1psl/slowpid.db	C1:PSL-FSS_DEBUG	bi	DEBUG- enable debugging messages to be printed	Soft Channel		NO						COPY		
188	c1psl	c1psl/slowpid.db	C1:PSL-FSS_SLOWBEAT	bi	PSL FSS Slow Servo Heartbeat			NO						COPY		
189	c1psl	c1psl/slowpid.db	C1:PSL-FSS_RCPIDKD	ao	RCPIDKD- RCPID loop derivative gain	Soft Channel		NO						COPY		
190	c1psl	c1psl/slowpid.db	C1:PSL-FSS_RCPIDKI	ao	RCPIDKI- RCPID loop integral gain	Soft Channel		NO						COPY		
191	c1psl	c1psl/slowpid.db	C1:PSL-FSS_RCPIDKP	ao	RCPIDKP- RCPID loop proportional gain	Soft Channel		NO						COPY		
192	c1psl	c1psl/slowpid.db	C1:PSL-FSS_RCPID_TIMEOUT	ao	TIMEOUT- RCPID loop sampling time	Soft Channel		NO						COPY		
193	c1psl	c1psl/slowpid.db	C1:PSL-FSS_RCPID_SETPPOINT	ao	SETPPOINT - servo setpoint	Soft Channel		NO						COPY		
194	c1psl	c1psl/slowpid.db	C1:PSL-FSS_RCPIDLOOP	bi	RCPIDLOOP- loop enable	Soft Channel		NO						COPY		
195	c1psl	c1psl/slowpid.db	C1:PSL-FSS_RCPIDBEAT	bi	PSL RC thermal PID Servo Heartbeat			NO						COPY		
196	c1psl	c1psl/Pcount.db	C1:PEM-count_date	stringin	Date of last particle counter measurement			NO						COPY		
197	c1psl	c1psl/Pcount.db	C1:PEM-count_time	stringin	Time of last particle counter measurement			NO						COPY		
198	c1psl	c1psl/Pcount.db	C1:PEM-count_half	ai	Particle count for 0.5 micron	Soft Channel		NO						COPY		
199	c1psl	c1psl/Pcount.db	C1:PEM-count_full	ai	Particle count for 1.0 micron	Soft Channel		NO						COPY		
200	c1psl	c1psl/Pcount.db	C1:PEM-count_temp	ai	Particle counter temperature	Soft Channel		NO						COPY		
201	c1psl	c1psl/Pcount.db	C1:PEM-count_hum	ai	Particle counter humidity	Soft Channel		NO						COPY		
202	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_ISS_NOM_VGAGAIN	ao	PSL Nominal ISS Gain			NO						COPY		
203	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_ISS_VGAGAIN_TOL	ao	PSL ISS Gain Tolerance			NO						COPY		
204	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_REF_T_MIN	ao	PSL Minimum Ref Cav Trans			NO						COPY		
205	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_MIN_LO	ao	PSL Minimum FSS LO Input			NO						COPY		
206	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_MAX_FAST_V	ao	PSL Max Voltage for Fast PZT			NO						COPY		
207	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_NOM_C_GAIN	ao	PSL Nominal FSS Common Gain			NO						COPY		
208	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_C_GAIN_TOL	ao	PSL FSS Common Gain Tolerance			NO						COPY		
209	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_NOM_F_GAIN	ao	PSL Nominal FSS Fast Gain			NO						COPY		
210	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_F_GAIN_TOL	ao	PSL FSS Fast Gain Tolerance			NO						COPY		
211	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_NOM_INOFFSET	ao	PSL Nominal FSS Input Offset			NO						COPY		
212	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_INOFFSET_TOL	ao	PSL FSS Input Offset Tolerance			NO						COPY		
213	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_PH_INV	bo	PSL FSS Inv/Norm Ph			NO						COPY		
214	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_MO_MON	ao	PSL Min Voltage for FSS PZT			NO						COPY		
215	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_NOM_PH_ADJ	ao	PSL FSS Nominal Phase			NO						COPY		
216	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_PH_ADJ_TOL	ao	PSL FSS Phase Tolerance			NO						COPY		
217	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_NOM_RF_ADJ	ao	PSL Nominal FSS RF Output Adj			NO						COPY		
218	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_FSS_RF_ADJ_TOL	ao	PSL FSS RF Output Adj. Tolerance			NO						COPY		
219	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_VCO_MIN_RFOUT	ao	PSL Minimum VCO Trans			NO						COPY		
220	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_VCO_NOM_OUTADJ	ao	PSL Nominal VCO Servo Gain			NO						COPY		
221	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_VCO_OUTADJ_TOL	ao	PSL VCO Servo Gain Tolerance			NO						COPY		

#	HOST	db file	channel name	type	description	module	channel	need acromag module?	Note	Device on Eurocard	P1/P2	Pin Number	Sourcing? (only for bios)	Action for DB file	Acromag Module	Acromag Channel
222	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_MIN_TRANS	ao	PSL Minimum PMC Trans			NO						COPY		
223	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_MIN_LO	ao	PSL Minimum PMC LO Input			NO						COPY		
224	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_MAX_PZT_V	ao	PSL Max Voltage for PMC PZT			NO						COPY		
225	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_MIN_PZT_V	ao	PSL Min Voltage for PMC PZT			NO						COPY		
226	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_NOM_GAIN	ao	PSL PMC Nominal Gain			NO						COPY		
227	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_GAIN_TOL	ao	PSL PMC Gain Tolerance			NO						COPY		
228	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_NOM_INOFFSET	ao	PSL Nominal PMC Input Offset			NO						COPY		
229	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_INOFFSET_TOL	ao	PSL PMC Input Offset Tolerance			NO						COPY		
230	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_PH_INV	bo	PSL PMC Inv/Norm Ph			NO						COPY		
231	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_MO_MON	ao	PSL Min Voltage for PMC PZT			NO						COPY		
232	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_NOM_PH_ADJ	ao	PSL PMC Nominal Phase			NO						COPY		
233	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_PH_ADJ_TOL	ao	PSL PMC Phase Tolerance			NO						COPY		
234	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_NOM_RF_ADJ	ao	PSL Nominal PMC RF Output Adj			NO						COPY		
235	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_PMC_RF_ADJ_TOL	ao	PSL PMC RF Output Adj Tolerance			NO						COPY		
236	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_MIN_OUT	ao	PSL Minimum MOPA Output			NO						DELETE		
237	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_MIN_126OUT	ao	PSL MOPA Minimum 126 output			NO						DELETE		
238	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_NOM_MO_I	ao	PSL Nom. MOPA MO Current			NO						DELETE		
239	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_MO_I_TOL	ao	PSL MOPA MO Current Tol			NO						DELETE		
240	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_NOM_PA_I	ao	PSL Nom. MOPA PA Current			NO						DELETE		
241	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_PA_I_TOL	ao	PSL MOPA PA Current Tol			NO						DELETE		
242	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_NOM_MO_IADJ	ao	PSL Nominal MO Current Adjust			NO						DELETE		
243	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_MO_IADJ_TOL	ao	PSL MO Current Tolerance			NO						DELETE		
244	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_NOM_PA_IADJ	ao	PSL Nominal PA Current Adjust			NO						DELETE		
245	c1psl	c1psl/pslstatus.db	C1:PSL-STAT_MOPA_PA_IADJ_TOL	ao	PSL PA Current Tolerance			NO						DELETE		
246	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_MZTLL	ao	MZTLL- MZ transmission threshold	Soft Channel		NO	No mach zehnder exists			ai	58	DELETE		
247	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_RFPDDC	ai	RFPDDC- RFPD DC output	VMIVME-3113	#C0 S62 @	NO	No mach zehnder exists			ao	14	DELETE		
248	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_LODET	ai	LODET- detected local oscillator level	VMIVME-3113	#C1 S20 @	NO	No mach zehnder exists			bi	1	DELETE		
249	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_MZTRANSPD	ai	MZTRANSPD- Mach-Zehnder transmitted light	VMIVME-3113	#C1 S23 @	NO	No mach zehnder exists			bo	33	DELETE		
250	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_PZT	ai	PZT- MZ PZT output	VMIVME-3113	#C1 S22 @	NO	No mach zehnder exists			mboDirect	4 <=20	DELETE		
251	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_MZERR	ai	MZERR- error point	VMIVME-3113	#C1 S21 @	NO	No mach zehnder exists					DELETE		
252	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_SW1	bo	SW1- switch 1	XVME-220	#C1 S8 @	NO	No mach zehnder exists					DELETE		
253	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_SW2	bo	SW2- switch 2	XVME-220	#C1 S9 @	NO	No mach zehnder exists					DELETE		
254	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_BLANK	bo	BLANK- blank input to MZ PZT	XVME-220	#C1 S10 @	NO	No mach zehnder exists					DELETE		
255	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_GAIN	ao	GAIN- overall pre-modecleaner servo loop gain	VMIVME-4116	#C3 S5 @	NO	No mach zehnder exists					DELETE		
256	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_INOFFSET	ao	INOFFSET- input offset trim	VMIVME-4116	#C3 S6 @	NO	No mach zehnder exists					DELETE		
257	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_RAMP	ao	RAMP- pre-modecleaner lock acquisition ramp	VMIVME-4116	#C3 S7 @	NO	No mach zehnder exists					DELETE		
258	c1ioo0	c1ioo0/c1iooMZserv	C1:PSL-MZ_LOCK	mbbi	LOCK- Mach-Zehnder lock acquisition enable			NO	No mach zehnder exists					DELETE		
259	c1ioo0	c1ioo0/foo.db	C1:100-MC_RFPD_VC	ao	MC RFPD bias voltage Adjust	VMIVME-4116	#C0 S6 @	NO	I believe this has never been used.					DELETE		
260	c1ioo0	c1ioo0/foo.db	C1:100-MC_RFPD_TEMP	ai	MC RFPD Temperature Sensor Readback	VMIVME-3113	#C0 S30 @	NO	I believe this has never been used.					DELETE		
261	c1ioo0	c1ioo0/foo.db	C1:100-MC_I_MON	ai	I&Q Demod I Mon Readback	VMIVME-3113	#C1 S14 @	NO						COPY		
262	c1ioo0	c1ioo0/foo.db	C1:100-MC_Q_MON	ai	I&Q Demod Q Mon Readback	VMIVME-3113	#C1 S15 @	NO						COPY		
263	c1ioo0	c1ioo0/foo.db	C1:100-MC_RFPD_BIAS_ENABLE	bo	MC RFPD Bias Enable	XVME-220	#C0 S21 @	NO	To be reviewed					COPY		
264	c1ioo0	c1ioo0/foo.db	C1:100-MC_RFPD_BIAS_STATUS	bi	MC RFPD Bias Enable Status	XVME-210	#C0 S13 @	NO	To be reviewed					COPY		
265	c1ioo0	c1ioo0/foo.db	C1:100-MC_TRANS_SEG1	ai	MC transmission QPD, Segment 1	VMIVME-3113	#C0 S36 @	NO	Replaced by the fast signals					DELETE		
266	c1ioo0	c1ioo0/foo.db	C1:100-MC_TRANS_SEG2	ai	MC transmission QPD, Segment 2	VMIVME-3113	#C0 S37 @	NO	Replaced by the fast signals					DELETE		
267	c1ioo0	c1ioo0/foo.db	C1:100-MC_TRANS_SEG3	ai	MC transmission QPD, Segment 3	VMIVME-3113	#C0 S38 @	NO	Replaced by the fast signals					DELETE		
268	c1ioo0	c1ioo0/foo.db	C1:100-MC_TRANS_SEG4	ai	MC transmission QPD, Segment 4	VMIVME-3113	#C0 S39 @	NO	Replaced by the fast signals					DELETE		
269	c1ioo0	c1ioo0/foo.db	C1:100-MC_TRANS_VERT	ai	MC transmission QPD, vertical	VMIVME-3113	#C0 S41 @	NO	Replaced by the fast signals					DELETE		
270	c1ioo0	c1ioo0/foo.db	C1:100-MC_TRANS_HOR	ai	MC transmission QPD, horizontal	VMIVME-3113	#C0 S40 @	NO	Replaced by the fast signals					DELETE		
271	c1ioo0	c1ioo0/foo.db	C1:100-MC_REFL_SEG1	ai	MC reflected QPD, Segment 1	VMIVME-3113	#C0 S43 @	NO	No IMC REFL QPD					DELETE		
272	c1ioo0	c1ioo0/foo.db	C1:100-MC_REFL_SEG2	ai	MC reflected QPD, Segment 2	VMIVME-3113	#C0 S44 @	NO	No IMC REFL QPD					DELETE		
273	c1ioo0	c1ioo0/foo.db	C1:100-MC_REFL_SEG3	ai	MC reflected QPD, Segment 3	VMIVME-3113	#C0 S45 @	NO	No IMC REFL QPD					DELETE		
274	c1ioo0	c1ioo0/foo.db	C1:100-MC_REFL_SEG4	ai	MC reflected QPD, Segment 4	VMIVME-3113	#C0 S46 @	NO	No IMC REFL QPD					DELETE		
275	c1ioo0	c1ioo0/foo.db	C1:100-MC_REFL_VERT	ai	MC reflected QPD, vertical	VMIVME-3113	#C0 S47 @	NO	No IMC REFL QPD					DELETE		
276	c1ioo0	c1ioo0/foo.db	C1:100-MC_REFL_HOR	ai	MC reflected QPD, horizontal	VMIVME-3113	#C0 S48 @	NO	No IMC REFL QPD					DELETE		
277	c1ioo0	c1ioo0/foo.db	C1:100-MC_REFL_SUM	ai	MC reflected QPD, sum	VMIVME-3113	#C0 S49 @	NO	No IMC REFL QPD					DELETE		
278	c1ioo0	c1ioo0/foo.db	C1:100-QPD_ANG_VERT	calc				NO						COPY		
279	c1ioo0	c1ioo0/foo.db	C1:100-QPD_ANG_HOR	calc				NO						COPY		
280	c1ioo0	c1ioo0/foo.db	C1:100-QPD_ANG_SUM	calc				NO						COPY		
281	c1ioo0	c1ioo0/foo.db	C1:100-QPD_POS_HOR	calc				NO						COPY		
282	c1ioo0	c1ioo0/foo.db	C1:100-QPD_POS_VERT	calc				NO						COPY		
283	c1ioo0	c1ioo0/foo.db	C1:100-QPD_POS_SUM	calc				NO						COPY		
284	c1ioo0	c1ioo0/foo.db	C1:100-MCRF_AMPADJ	ao	RF output amplitude adjust	VMIVME-4116	#C3 S0 @	NO	No longer there					DELETE		
285	c1ioo0	c1ioo0/foo.db	C1:100-F_ONE_AMPADJ	ao	F1 sideband amplitude adjust	VMIVME-4116	#C3 S1 @	NO	No longer there					DELETE		
286	c1ioo0	c1ioo0/foo.db	C1:100-F_TWO_AMPADJ	ao	F2 sideband amplitude adjust	VMIVME-4116	#C3 S2 @	NO	No longer there					DELETE		
287	c1ioo0	c1ioo0/foo.db	C1:PSL-PMC_INPUT_DC	ai	PMC Input DC Light Level	VMIVME-3113	#C0 S60 @	NO	Have never seen the PD. To be reviewed					COPY		
288	c1ioo0	c1ioo0/foo.db	C1:100-MC_L_FREQ_DIFF	ai	Difference between the MC length and modulation fr	VMIVME-3113	#C1 S24 @	NO	Never seen					COPY		
289	c1ioo0	c1ioo0/foo.db	C1:100-RFAMPD_11MHZ	ai	Power in the 11MHz band of IPPOS RFAMPD	VMIVME-3113	#C1 S25 @	NO	Old stochmon, I guess					DELETE		
290	c1ioo0	c1ioo0/foo.db	C1:100-RFAMPD_29_5MHZ	ai	Power in the 29.5MHz band of IPPOS RFAMPD	VMIVME-3113	#C1 S26 @	NO	Old stochmon, I guess					DELETE		

#	HOST	db file	channel name	type	description	module	channel	need acromag module?	Note	Device on Eurocard	P1/P2	Pin Number	Sourcing? (only for bios)	Action for DB file	Acromag Module	Acromag Channel
291	c1ool0	c1ool0/iao.db	C1:100-RFAMPD_55MHZ	ai	Power in the 55MHz band of IPPOS RFAMPD	VMIVME-3113	#C1 S27 @	NO	Old stochmon, I guess					DELETE		
292	c1ool0	c1ool0/iao.db	C1:100-RFAMPD_DCMON	ai	DC Power Monitor of IPPOS RFAMPD	VMIVME-3113	#C1 S28 @	NO	Does not exist					DELETE		
293	c1ool0	c1ool0/iao.db	C1:100-EOM_TEMPMON	ai	EOM Temperature Monitor	VMIVME-3113	#C1 S29 @	NO	Does not exist					DELETE		
294	c1ool0	c1ool0/iao.db	C1:100-EOM_HEATER_DRIVEMON	ai	EOM Heater Driving Voltage	VMIVME-3113	#C1 S30 @	NO	Does not exist					DELETE		
295	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_PD_DC_GAIN	mbbo	WFS 1 PD DC gain control			NO	Control on the screen					COPY		
296	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_PD_DC_GAIN	mbbo	WFS 2 PD DC gain control			NO	Control on the screen					COPY		
297	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_SUM_DC	calc	WFS1 DC SUM			NO						COPY		
298	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_PIT_DC	calc	WFS1 DC pitch			NO						COPY		
299	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_YAW_DC	calc	WFS1 DC yaw			NO						COPY		
300	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_SUM_DC	calc	WFS2 DC SUM			NO						COPY		
301	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_PIT_DC	calc	WFS2 DC pitch			NO						COPY		
302	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_YAW_DC	calc	WFS2 DC yaw			NO						COPY		
303	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_I1_WHITE_MON	ai	WFS1 I1 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S26 @	NO	I don't think we need this					DELETE		
304	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_I2_WHITE_MON	ai	WFS1 I2 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S27 @	NO	I don't think we need this					DELETE		
305	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_I3_WHITE_MON	ai	WFS1 I3 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S28 @	NO	I don't think we need this					DELETE		
306	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_I4_WHITE_MON	ai	WFS1 I4 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S29 @	NO	I don't think we need this					DELETE		
307	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_Q1_WHITE_MON	ai	WFS1 Q1 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S30 @	NO	I don't think we need this					DELETE		
308	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_Q2_WHITE_MON	ai	WFS1 Q2 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S31 @	NO	I don't think we need this					DELETE		
309	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_Q3_WHITE_MON	ai	WFS1 Q3 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S32 @	NO	I don't think we need this					DELETE		
310	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_Q4_WHITE_MON	ai	WFS1 Q4 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S33 @	NO	I don't think we need this					DELETE		
311	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_I1_WHITE_MON	ai	WFS2 I1 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S34 @	NO	I don't think we need this					DELETE		
312	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_I2_WHITE_MON	ai	WFS2 I2 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S35 @	NO	I don't think we need this					DELETE		
313	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_I3_WHITE_MON	ai	WFS2 I3 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S36 @	NO	I don't think we need this					DELETE		
314	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_I4_WHITE_MON	ai	WFS2 I4 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S37 @	NO	I don't think we need this					DELETE		
315	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_Q1_WHITE_MON	ai	WFS2 Q1 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S38 @	NO	I don't think we need this					DELETE		
316	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_Q2_WHITE_MON	ai	WFS2 Q2 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S39 @	NO	I don't think we need this					DELETE		
317	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_Q3_WHITE_MON	ai	WFS2 Q3 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S40 @	NO	I don't think we need this					DELETE		
318	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_Q4_WHITE_MON	ai	WFS2 Q4 monitor from MC_ASC_WHITE	VMIVME-3113	#C0 S41 @	NO	I don't think we need this					DELETE		
319	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_EXT_MOD	bo	Ext Mod Enable demod1	XVME-220	#C0 S4 @	NO	Looks like the PLL modulation related. This should be permanently turned off at the demod board D980233					DELETE		
320	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_INT_MOD	bo	Int Ref. Enable demod1	XVME-220	#C0 S5 @	NO	Looks like the PLL modulation related. This should be permanently turned off at the demod board D980233					DELETE		
321	c1ool0	c1ool0/iao_wfs.db	C1:100-D_MON_X1_DMOD1	bo	D Mon x1 demod1	XVME-220	#C0 S6 @	NO	DC gain selector. Not effective. This should be internally fixed to a certain value at the demod board D980233					DELETE		
322	c1ool0	c1ool0/iao_wfs.db	C1:100-D_MON_X10_DMOD1	bo	D Mon x10 demod1	XVME-220	#C0 S7 @	NO	DC gain selector. Not effective. This should be internally fixed to a certain value at the demod board D980233					DELETE		
323	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_EXT_MOD	bo	Ext. Mod Enable demod2	XVME-220	#C0 S12 @	NO	Looks like the PLL modulation related. This should be permanently turned off at the demod board D980233					DELETE		
324	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_INT_MOD	bo	Int Ref Enable demod2	XVME-220	#C0 S13 @	NO	Looks like the PLL modulation related. This should be permanently turned off at the demod board D980233					DELETE		
325	c1ool0	c1ool0/iao_wfs.db	C1:100-D_MON_X1_DMOD2	bo	D mon x1 demod2	XVME-220	#C0 S14 @	NO	DC gain selector. Not effective. This should be internally fixed to a certain value at the demod board D980233					DELETE		
326	c1ool0	c1ool0/iao_wfs.db	C1:100-D_MON_X10_DMOD2	bo	D mon x10 demod2	XVME-220	#C0 S15 @	NO	DC gain selector. Not effective. This should be internally fixed to a certain value at the demod board D980233					DELETE		
327	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS1_LO_PHASE	ao	LO Adjust for Demod1	VMIVME-4116	#C0 S0 @	NO	Exists. But not used. This should be shorted at the demod board D980233					DELETE		
328	c1ool0	c1ool0/iao_wfs.db	C1:100-WFS2_LO_PHASE	ao	LO Adjust for Demod2	VMIVME-4116	#C0 S1 @	NO	Exists. But not used. This should be shorted at the demod board D980233					DELETE		
329	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_F_MON	ao	PSL Path Output Monitor			NO	Calculated from MC_FAST_MON					COPY		
330	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_REFL_SET	ao	MC REFL Gain set point			NO	Internal Variable					COPY		
331	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_AO_SET	ao	MC AO Gain set point			NO	Internal Variable					COPY		
332	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_VCO_SET	ao	MC VCO Gain set point			NO	Internal Variable					COPY		
333	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_BOOST2_SET	ao	Boost set point			NO	Internal Variable					COPY		
334	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_REFL_GAIN	ao	MC REFL Gain			NO	Internal Variable					COPY		
335	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_AO_GAIN	ao	MC AO Gain			NO	Internal Variable					COPY		
336	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_VCO_GAIN	ao	MC VCO Gain			NO	Internal Variable					COPY		
337	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_BOOST2	ao	MC Boost stages			NO	Internal Variable					COPY		
338	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_LIM_COUNT	ai	MC Limiter Count			NO	Internal Variable					COPY		
339	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_LIM_RESET	bo	MC Limiter Reset			NO	Internal Variable					COPY		
340	c1ool0	c1ool0/c1mcservo.d	C1:100-MC_LATCH_ALIVE	bo	MC Latch SNC alive			NO	Internal Variable					COPY		