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MAGNET DIAGNOSTICS									
BITB M= 600 S= 84 C= 0		CALIB DIAG PANEL				SPCIAL DIAG PANEL	HELP	RETURN LG1HER 02	INDEX
LABEL: QF7L						PRINT Graph Disply HPAME1	PRINT All Text HPAME1		
PR02 LGPS 5118						DISPLY ALL UNIT	DISPLY SINGLE UNIT		
Ground Fault Panel	MAGNET CHKOUT KNOB 0	MAGNET CHKOUT KNOB 1	MAGNET CHKOUT KNOB 2	MAGNET CHKOUT KNOB 3	DISPLY ALL UNIT	DISPLY SINGLE UNIT			
PREV UNIT	NEXT UNIT	RQST NotDon Disply	BadChk RDBK Disply	All RDBK Disply	DECODE STATUS BITS	DISPLY DETAIL INFO			
Toggle Magnet Status ONLINE	Enter KNOB GAIN	KNOB GAIN *10	KNOB GAIN *0.1	IDES/ IACT Disply	B.VS.I DISPLY	B.VS.I ERRORS			
Cali-Brate Enable DISABLD	Toggle Mini STDZ DISABLD	DE-ASSIGN KNOBS	HIST. PLOTS --->.	BACT (AUTO SCALE)	BDES (AUTO SCALE)				
TRIM MOVR FUNC ENABLED	DAC ZERO	SAM RESET	TRIM	LGPS ABC SLFTST	LGPS TurnOn NoTest	DIFF (AUTO SCALE)	DIFF (TOLS SCALE)		
STAND-ARDIZE ONLY	LGPS Remote Reset	SAM TEST	ACCEPT ACT -> DES	RESTOR KNOB	DISPLY PREV PAGE	DISPLY NEXT PAGE	MAGNET HIST PANEL		



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GRAPHICS CONTROL

BITBUS MAGNET DIAGNOSTIC DISPLAY  
LGPS PR02 5118

PS ON	OFF
REVERSE POLARITY	OFF
SYSTEM READY	OFF
POWER SUPPLY READY	FLT
MAGNET INTERLOCK 0	OK
MAGNET INTERLOCK 1	OK
MAGNET INTERLOCK 2	OK
MAGNET INTERLOCK 3	OK
REG XDUCT INTERLOCK	OK
GROUND CURRENT	OK
FAULT LATCH	OFF
POWER SUPPLY ON READBACK	OFF
POWER SUPPLY STATUS 0	OFF
POWER SUPPLY STATUS 1	OFF
POWER SUPPLY STATUS 2	OFF
POWER SUPPLY STATUS 3	OFF
AUX XDUCT READY	ON
LAST RESET CODE STATE	OFF
LOCAL MODE	OFF
CALIBRATION	OK
HARDWARE FAULT	OK

continued on next page

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GRAPHICS (AUFST)

BITBUS MAGNET DIAGNOSTIC DISPLAY  
LGPS PR02 5118  
continued

PAGE 2

BITBUS ADDRESS	84	CURRENT SETPOINT	0.000000E+00 ←
CHASSIS TYPE	0	RAMP STATE	4
SERIAL NUMBER	18007989	TIME REMAINING	0.00
FIRMWARE VERSION	04/03/98		
MAGNET ID	HER QF7L	I0 CURRENT	0.000000E+00
		T1 RAMP TIME	0.01
REG XDUCT V/I CONST	3.000000E+01	I1 CURRENT	0.000000E+00
AUX XDUCT V/I CONST	3.000000E+01	T2 RAMP TIME	0.00
GND CURRENT V/I CONST	1.000000E-02	I2 CURRENT	0.000000E+00
PS V/V CONST	3.000000E+00	T3 RAMP TIME	0.00
		I3 CURRENT	0.000000E+00
REFERENCE VOLTAGE	6.889091E+00	T4 RAMP TIME	0.00
CALIBRATION DATE	11/11/96	I4 CURRENT	0.000000E+00
		T5 RAMP TIME	0.00
ADC OFFSET	-0.537%	I5 CURRENT	0.000000E+00
ADC GAIN	6.310%		
DAC OFFSET	-22.854%	ANLG REG XDUCT CUR	1.341105E-04 ←
DAC GAIN	-11.752%	ANLG AUX XDUCT CUR	1.028180E-03 ←
		ANLG DAC CURRENT	-8.940698E-05 ←
LAST RESET CODE	0x01	ANLG RIPPLE CURRENT	1.296401E-04
SELF TEST CODE	0x00	ANLG GROUND CURRENT	9.879471E-06 ←
LAST TURN OFF CODE	0x00	ANLG PS OUTPUT VOLTS	-1.063943E-03
CAL ERROR CODE	0x00	ANLG TEMPERATURE (F)	1.095511E+02
		ANLG SPARE CHAN VOLTS	2.712012E-04

INFO MSG: INFORMATION BUFFER EMPTY

TYPICAL							
BITBUS Magnet HSTB Panel	LABEL: QF7L PR02 LGPS 5118				HELP	RETURN MGNTDI AG	INDEX
Enter Max Points 1440	NEXT UNIT	BDES (USER SCALE)	BDES (AUTO SCALE)	BDES (FULL SCALE)	This Space Reservd	PRINT Graph Disply HPAME1	DISPLY NEXT PAGE
Reset Max Points	PREV UNIT	BACT (USER SCALE)	BACT (AUTO SCALE)	BACT (FULL SCALE)	BMON (USER SCALE)	BMON (AUTO SCALE)	BMON (FULL SCALE)
<b>MAGNET HISTORY PLOTS</b> IACT is not -> historied for -> ALL devices ->		DIFF (USER SCALE)	DIFF (AUTO SCALE)	DIFF (TOLS SCALE)	BMONDF (USER SCALE)	BMONDF (AUTO SCALE)	BMONDF (TOLS SCALE)
		IACT (USER SCALE)	IACT (AUTO SCALE)	IACT (FULL SCALE)	Number of bins 30	PLOT HISTO GRAM	0.0000 0.0000
LAST THREE DAYS	LAST 48 HRS	LAST 24 HRS	LAST 12 HRS	LAST 8 HRS	LAST 4 HRS	LAST 2 HRS	Enter Y scale
FULL	LAST EIGHT WEEKS	LAST FOUR WEEKS	LAST THREE WEEKS	LAST TWO WEEKS	LAST WEEK	LAST FOUR DAYS	Enter X scale
STEP TIME -DAY	STEP TIME +DAY	STEP TIME <-	STEP TIME ->	Enter Day of Week	DATA FILTER None	Plot Scale Panel	HISTRY BUFFER CORREL

TP CAUSE1							
LABEL: QF7L PR02 LGPS 5118					HELP	RETURN MAG_HS T	INDEX
Enter Max Points 1440	NEXT UNIT			DAC Volts (USER)	DAC Volts (AUTO)	PRINT Graph Disply HPAME1	DISPLY NEXT PAGE
Reset Max Points	PREV UNIT			Ripple Curr (USER)	Ripple Curr (AUTO)		
<b>BITBUS HISTORY PLOTS</b>		LGPS-> &VCOR> ONLY->	Ground Curr (USER)	Ground Curr (AUTO)			AUTO SCALE TYPE None
		LGPS-> &VCOR> ONLY->	PS Temp (USER)	PS Temp (AUTO)	Last1Day	0.0000 0.0000	
		LGPS-> &VCOR> ONLY->	PS Volt (USER)	PS Volt (AUTO)	Number of bins	PLOT HISTO GRAM	Enter Y scale
FULL	LAST FOUR WEEKS	LAST WEEK	LAST FOUR DAYS	LAST 24 HRS	LAST 8 HRS	LAST 2 HRS	Enter X scale
STEP TIME -DAY	STEP TIME +DAY	STEP TIME <-	STEP TIME ->		Enter Day of Week	Plot Scale Panel	HISTRY BUFFER CORREL