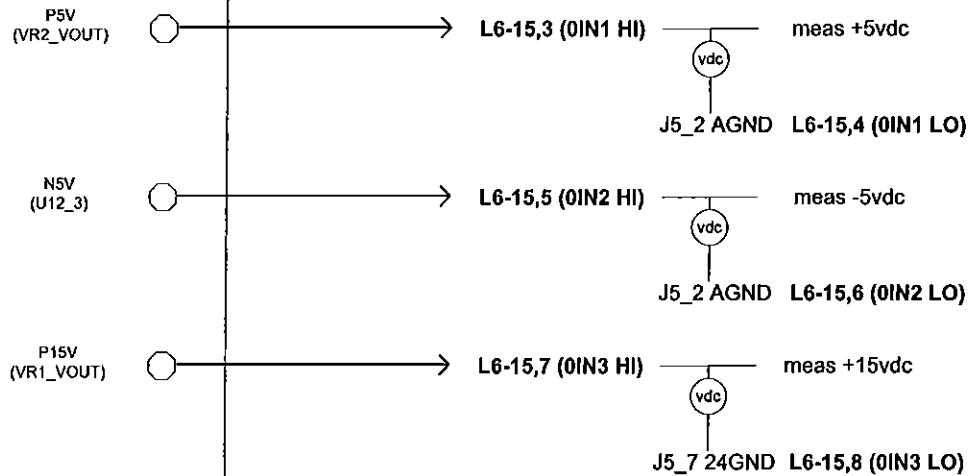
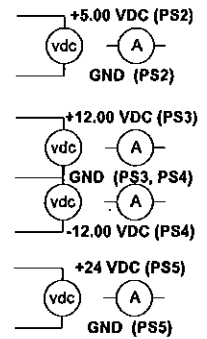
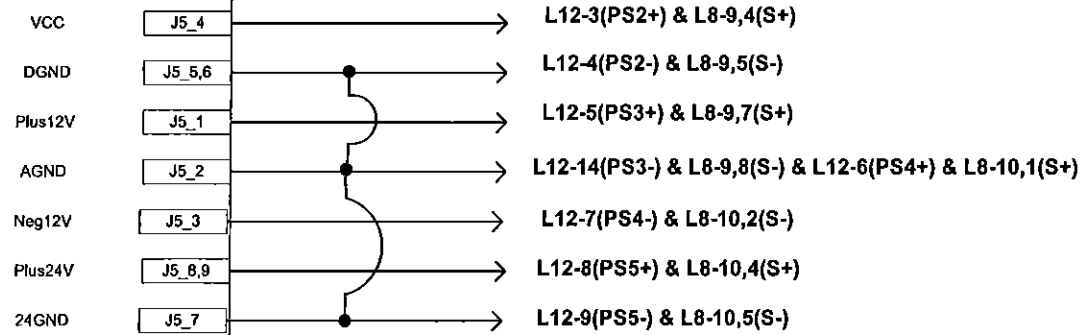


2996 main bd.

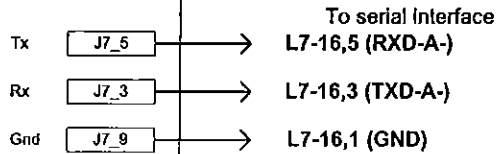
(Power Supply Inputs)



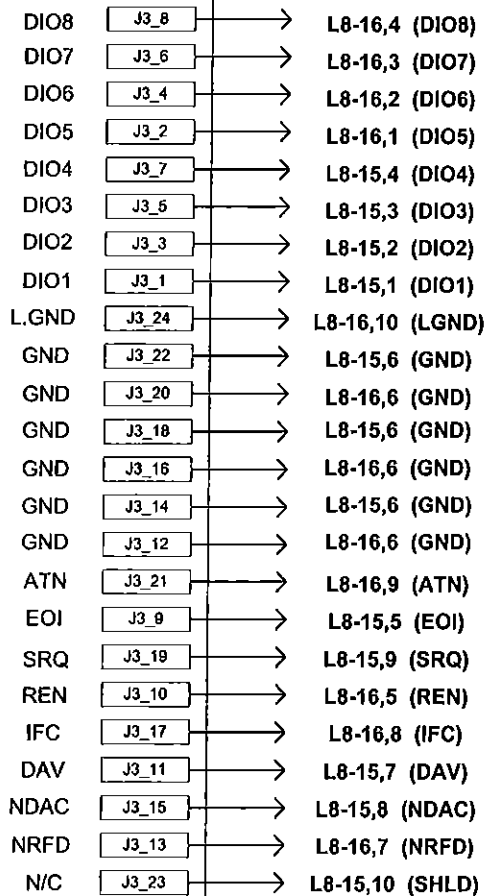
Power Supply and Voltage Measurements		SIZE	FSCM NO	DWG NO	REV
DRAWN	Ed Jackson			2996 main bd Racial System Fixture Wiring	B
ISSUED		SCALE	1 : 1	SHEET	1 OF 7

2996 main bd.

(Serial Port)



(IEEE 488)

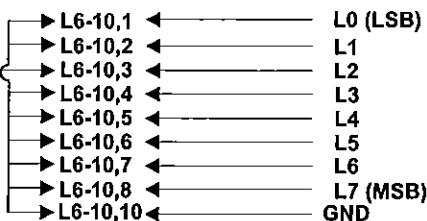


L11-24 (+5V FROM 1261B)

10K ohm pullup

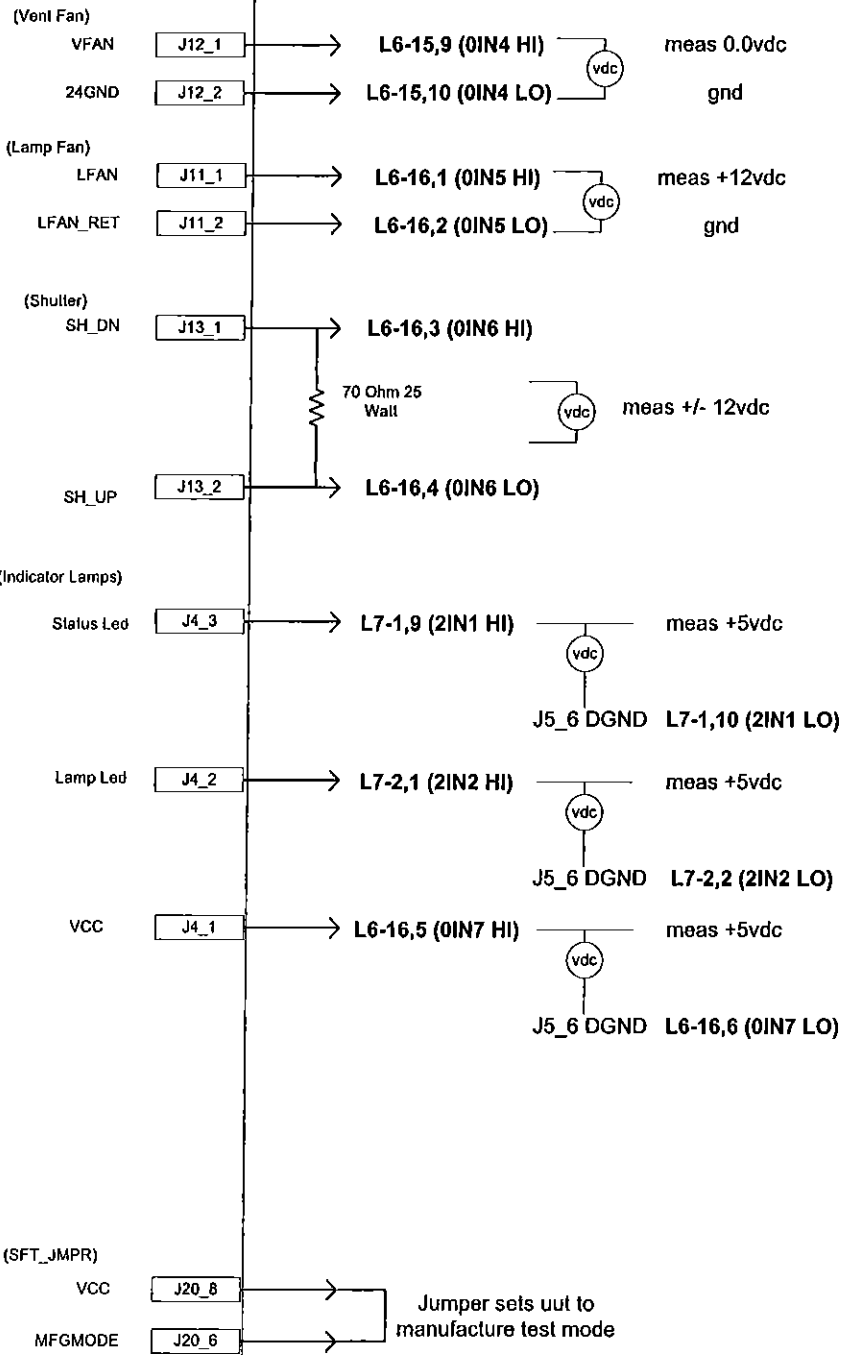
Racal Fixture ID Circuit
ID=4

1140C PORT L



RS232 Comm. port, IEEE port, Fixture ID	SIZE	FSCM NO	DWG NO	REV
			2996 Main Bd Racal System Fixture Wiring	B
DRAWN Ed Jackson	SCALE 1 : 1		SHEET 2 OF 7	
ISSUED				

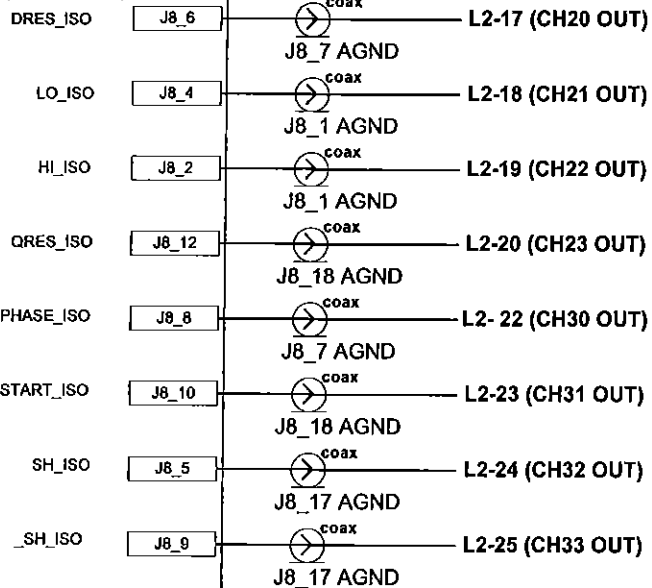
2996 main bd.



Fan, Shutter, Indicators, and Software Jumper		SIZE	FSCM NO	DWG NO	REV
DRAWN Ed Jackson				2996 Main Bd. Racal System Fixture Wiring	B
ISSUED		SCALE	1 : 1	SHEET	3 OF 7

2996 main bd.

(Charge Amp Outputs)



Racal Sys.
-150 mux
1x4 (#2)

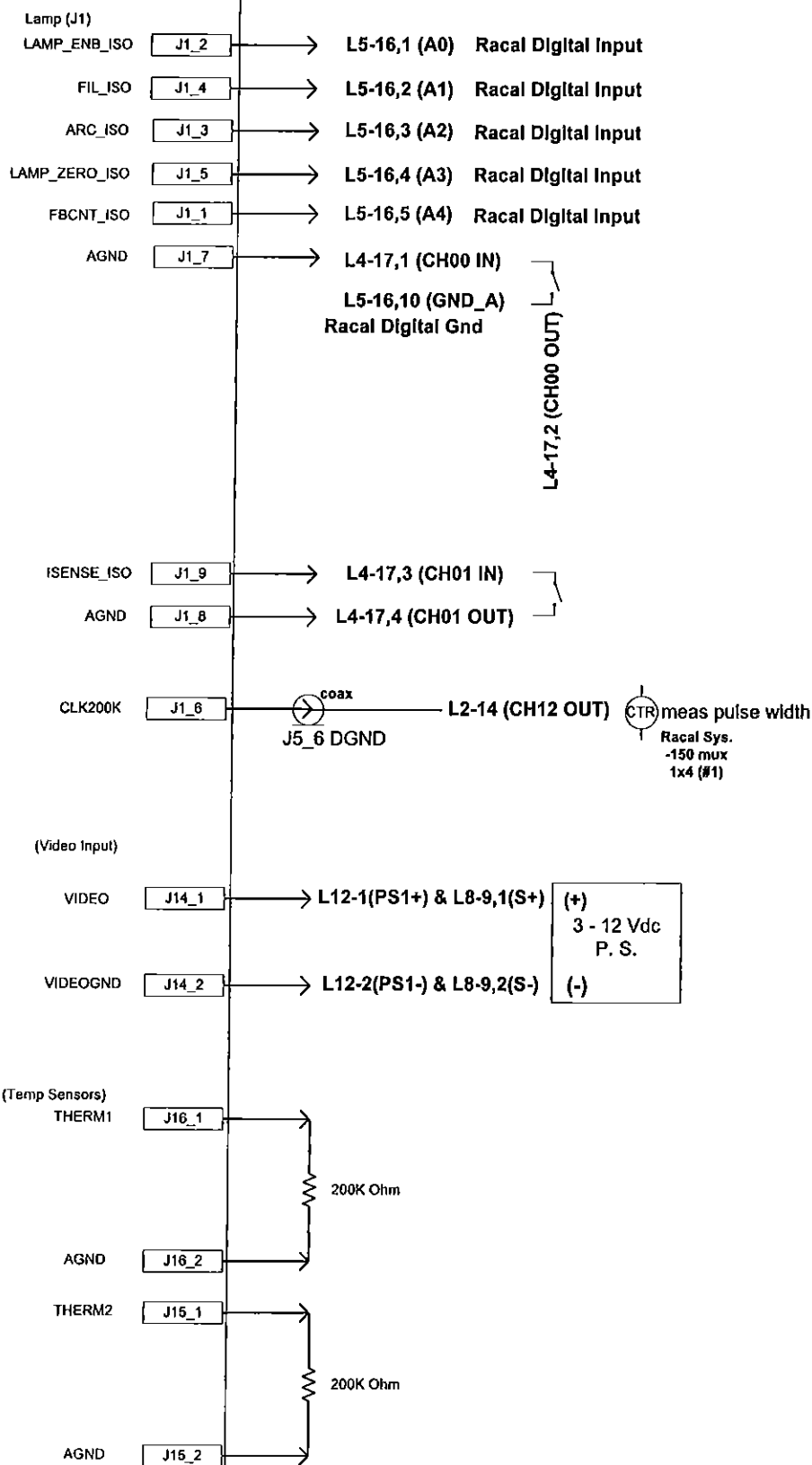
Racal Sys.
-150 mux
1x4 (#3)

Racal Sys.
-150 mux
1x4 (#1)

Racal Sys.
-150 mux
1x4 (#0)

Charge Amp Outputs J8		SIZE	FSCM NO	DWG NO	REV
DRAWN	Ed Jackson			2996 Main Bd. Racal System Fixture Wiring	B
ISSUED		SCALE	1 : 1	SHEET	4 OF 7

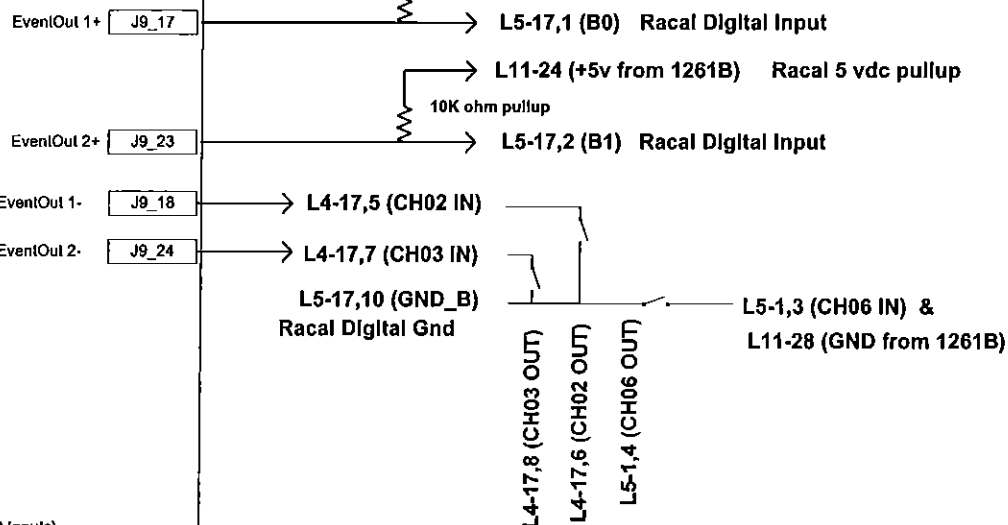
2996 main bd.



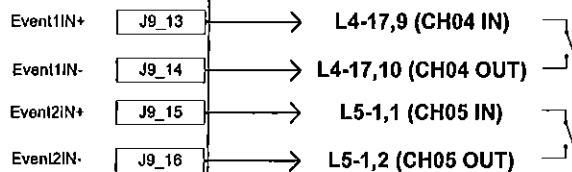
Lamp Bd Interface (J1), Video Input (J14), Temp Sensors		SIZE	FSCM NO	DWG NO	REV
DRAWN Ed Jackson				2996 Main Bd. Racal System Fixture Wiring	B
ISSUED		SCALE	1 : 1	SHEET	5 OF 7

2996 main board

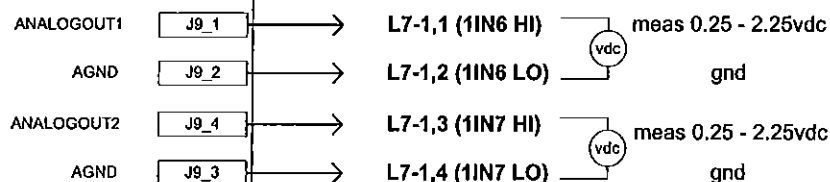
(Event Outputs)



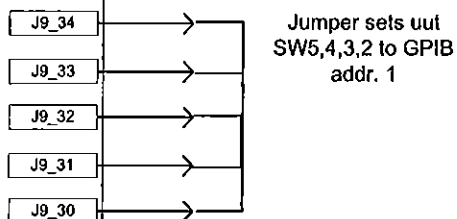
(Event Inputs)



(Analog Outputs)



(GPIB select)



EventOuts, EventIn's, Analog
 Outputs, GPIB addr. 1

DRAWN Ed Jackson

ISSUED

SIZE

FSCM NO

DWG NO

2996 Main Bd. Racal System Fixture
 Wiring

REV

B

SCALE 1 : 1

SHEET

6 OF 7

4

- L6-15,1 (0COM HI)
- L6-16,9 (1COM HI)
- L7-1,7 (2COM HI)

- L6-15,2 (0COM LO)
- L6-16,10 (1COM LO)
- L7-1,8 (2COM LO)

Fix.DN pin 1 —————> **L7-1,5 (1IN8 HI)**
Fix.DN pin 2 —————> **L7-1,6 (1IN8 LO)**

L11-26 (EMS +24Vdc) & L11-3	L11-4 & L11-27 (VAC.CTRL. K1-3)
L11-30 (EMS +24Ret) & L11-5	L11-6 & L11-31 (VAC.CTRL. K1-4)

ADDITIONAL UUT ADAPTER WIRING		SIZE	FSCM NO	DWG NO 2996 Main Bd. Racial System Fixture Wiring	REV B
DRAWN	Ed Jackson				
ISSUED		SCALE	1 : 1	SHEET	7 OF 7