



Raymarine Limited

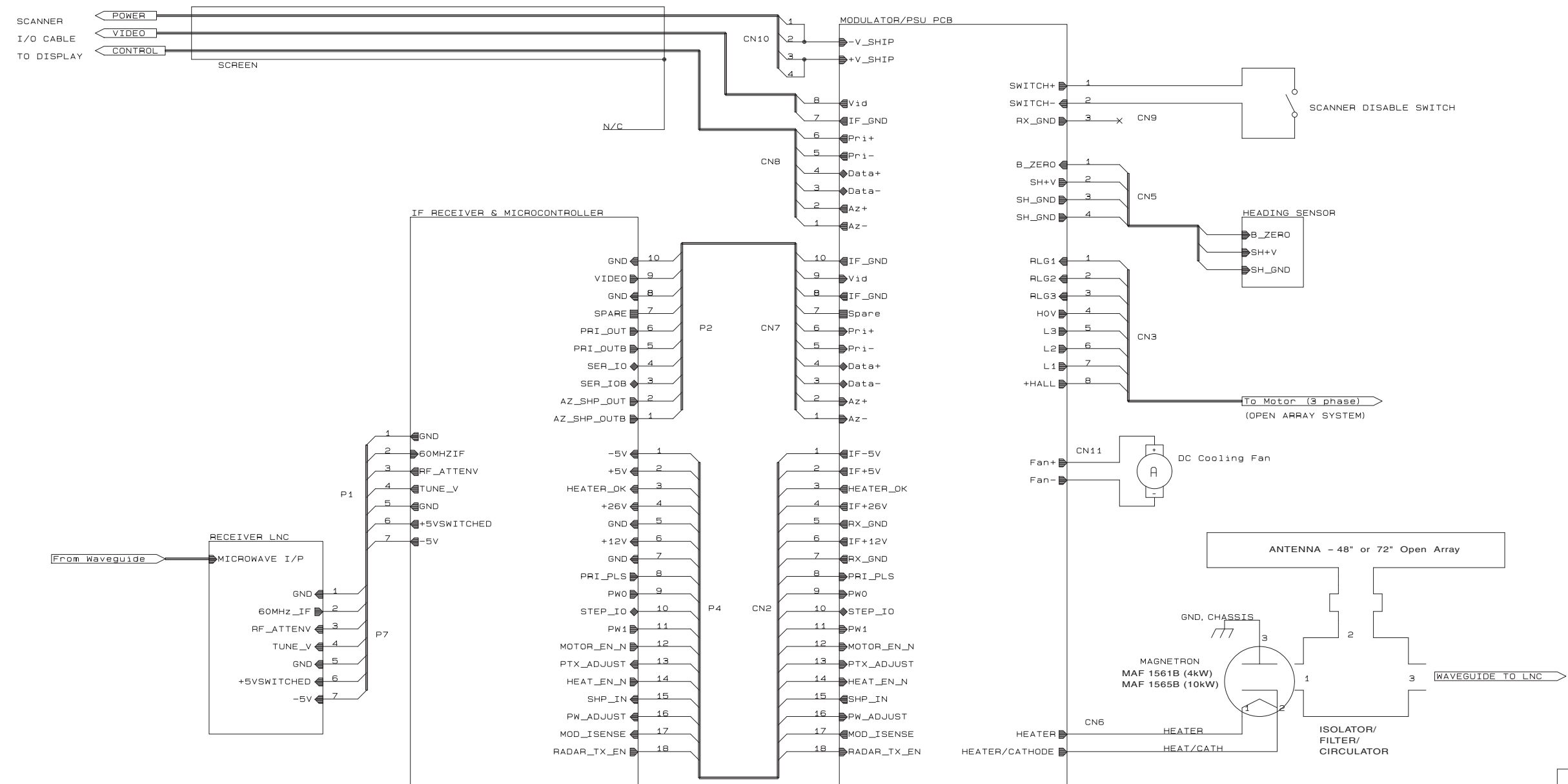
10kW Open Array Radar

FCC ID: PJ5MTX9-S3

Schematics

Index

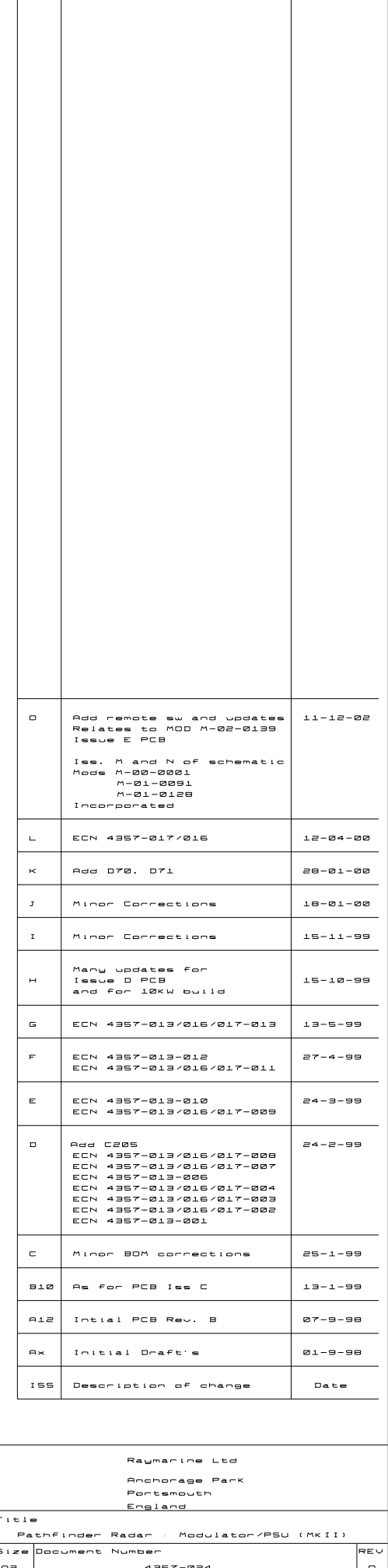
Scanner Interconnect	4357-033	Sht. 1	
Modulator/PSU	4357-024	Sht. 1	Modulator/PSU (Top Level)
		Sht. 2	Power I/P Filter
		Sht. 3	Ship's Heading Interface
		Sht. 4	Stepper Motor (not fitted)
		Sht. 5	3 Phase DC Brushless Motor Drive
		Sht. 6	Auxiliary PSU
		Sht. 7	Modulator
		Sht. 8	Main PSU
Low Noise Converter (LNC)	4346-028	Sht. 1	
IF Receiver	4437-004	Sht. 1	IF Receiver (Top Level)
		Sht. 2	IF Strips
		Sht. 3	IF Log Det/Video
		Sht. 4	Scanner Micro
		Sht. 5	Control Interface
		Sht. 6	STC Generator

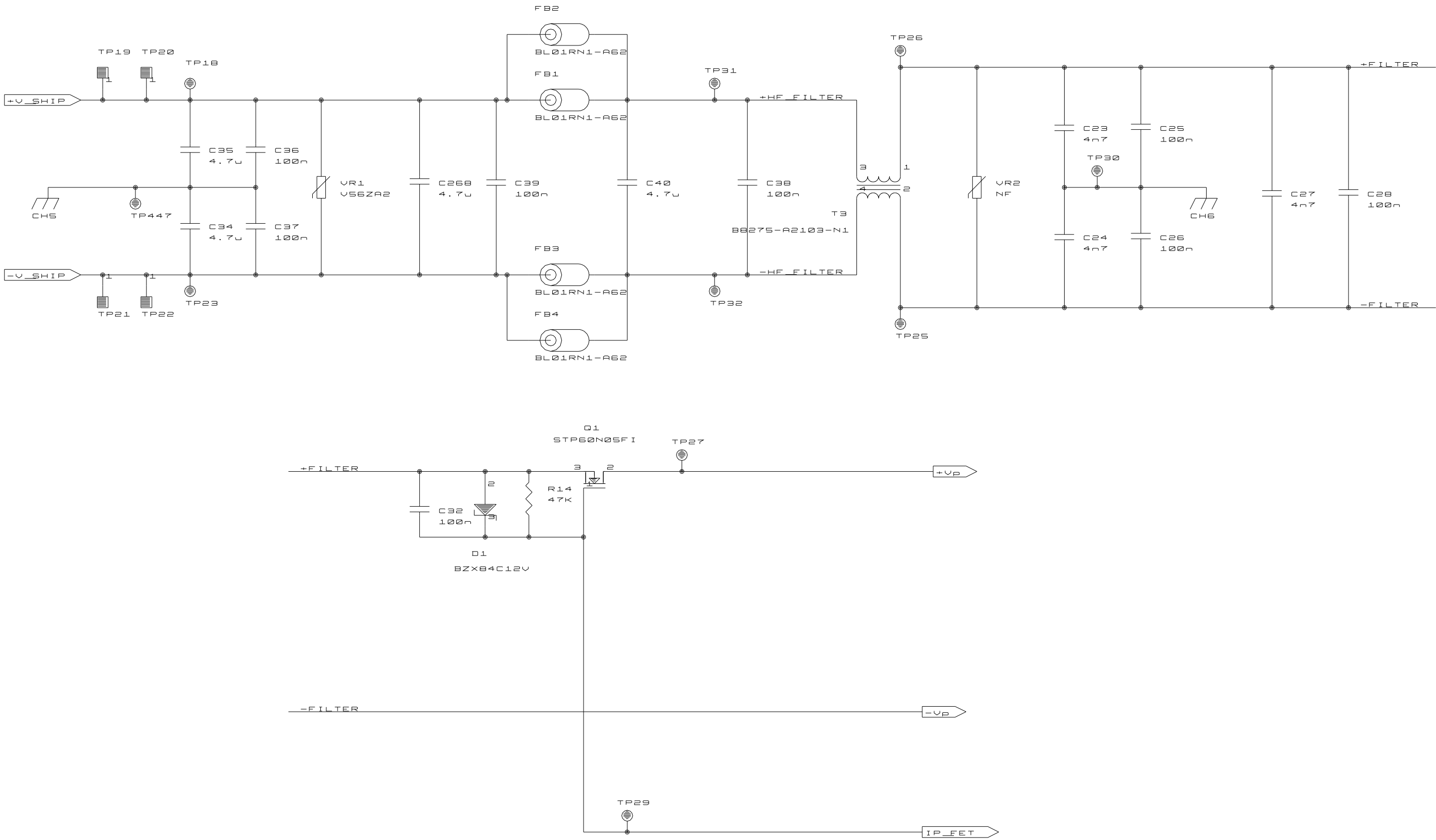


TOP-LEVEL OPEN ARRAY SCANNER INTERCONNECT

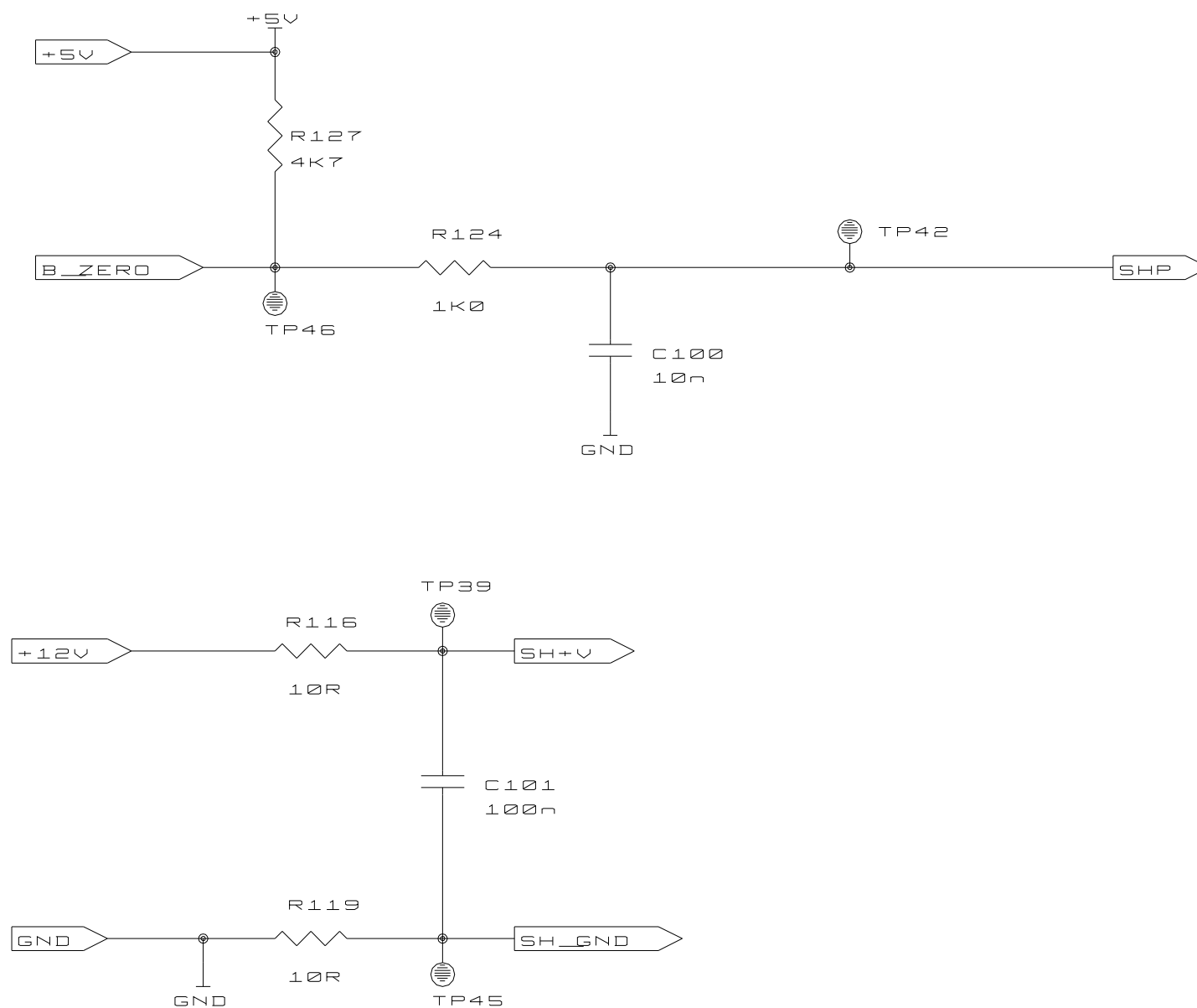
C	Scanner compliance	1-10-02
B	Update for 10kW Open Array	8-12-99
A	Original Issue	12-5-99
ISS	Description of Change	Date

Raytheon Marine Europe Anchorage Park Portsmouth Hants. PO3 5TD England		
Title Pathfinder Open Array Scanner Interconnect		
Size Document Number		REV
A2	4357-033	B
Date: December 8, 1999 Sheet 1 of 1		





(c) Raymarine Ltd. Anchorage Park Portsmouth England		
Title POWER I/P FILTER		
Size A3	Document Number 4357-024	REV 0
Date: January 7, 2003	Sheet 2 of	8



(C) RAYMARINE LTD. ANCHORAGE PARK PORTMOUTH ENGLAND		
Title Ships Heading Interface (Open Array)		
Size A4	Document Number 4357-024	REV 0
Date: January 7, 2003 Sheet 3 of 8		

STEP_+12V

X

STEP+5V

X

STEP_IO

X

MOTOR_EN_N

X

STEP_GND

X

(C) RAYMARINE LTD.

ANCHORAGE PARK
PORTMOUTH
ENGLAND

Title

Stepper Motor (Not Fit - Radome Only)

Size

A4

Document Number

4357-024

REV

0

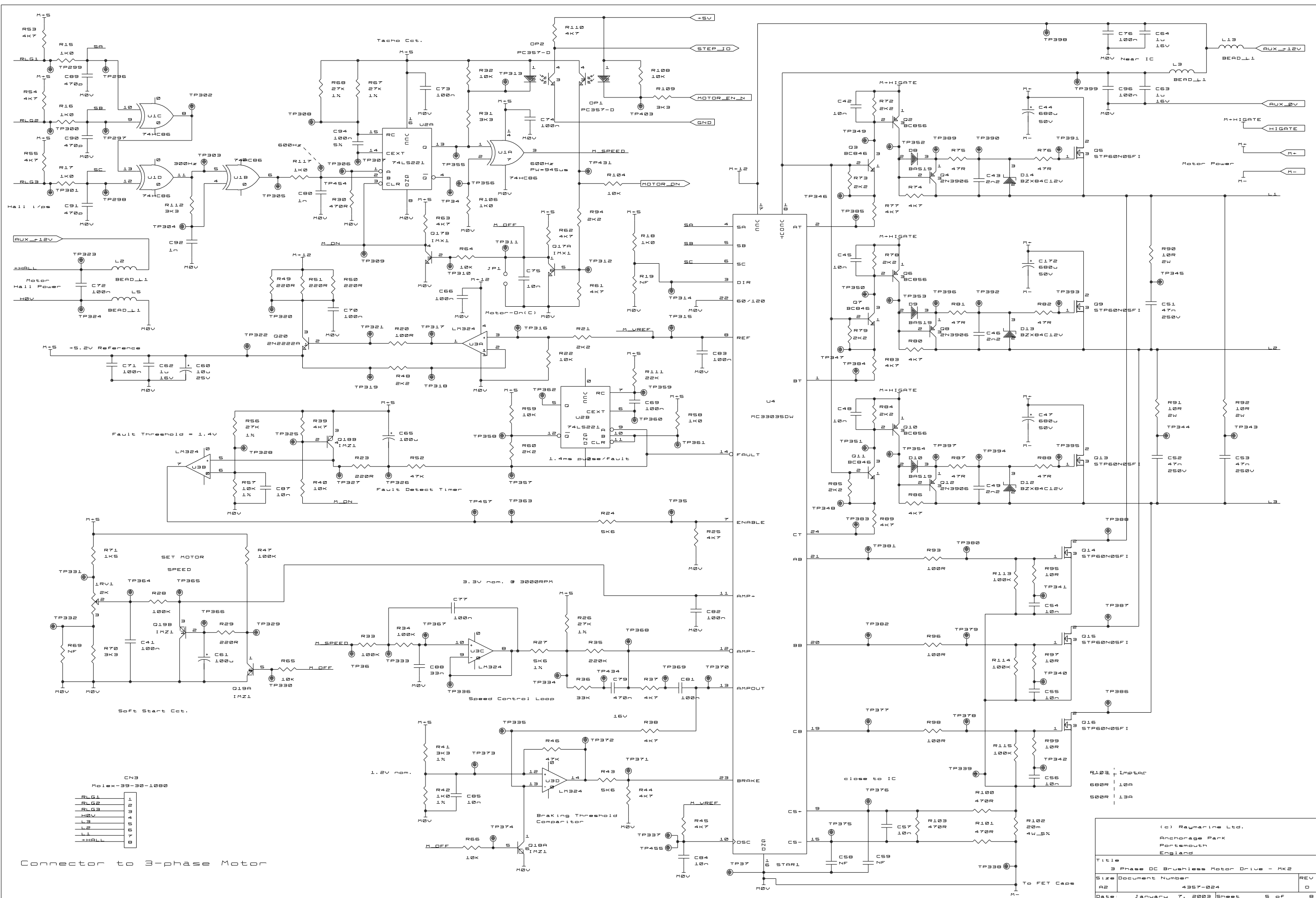
Date:

January 7. 2003

Sheet

4 of

8

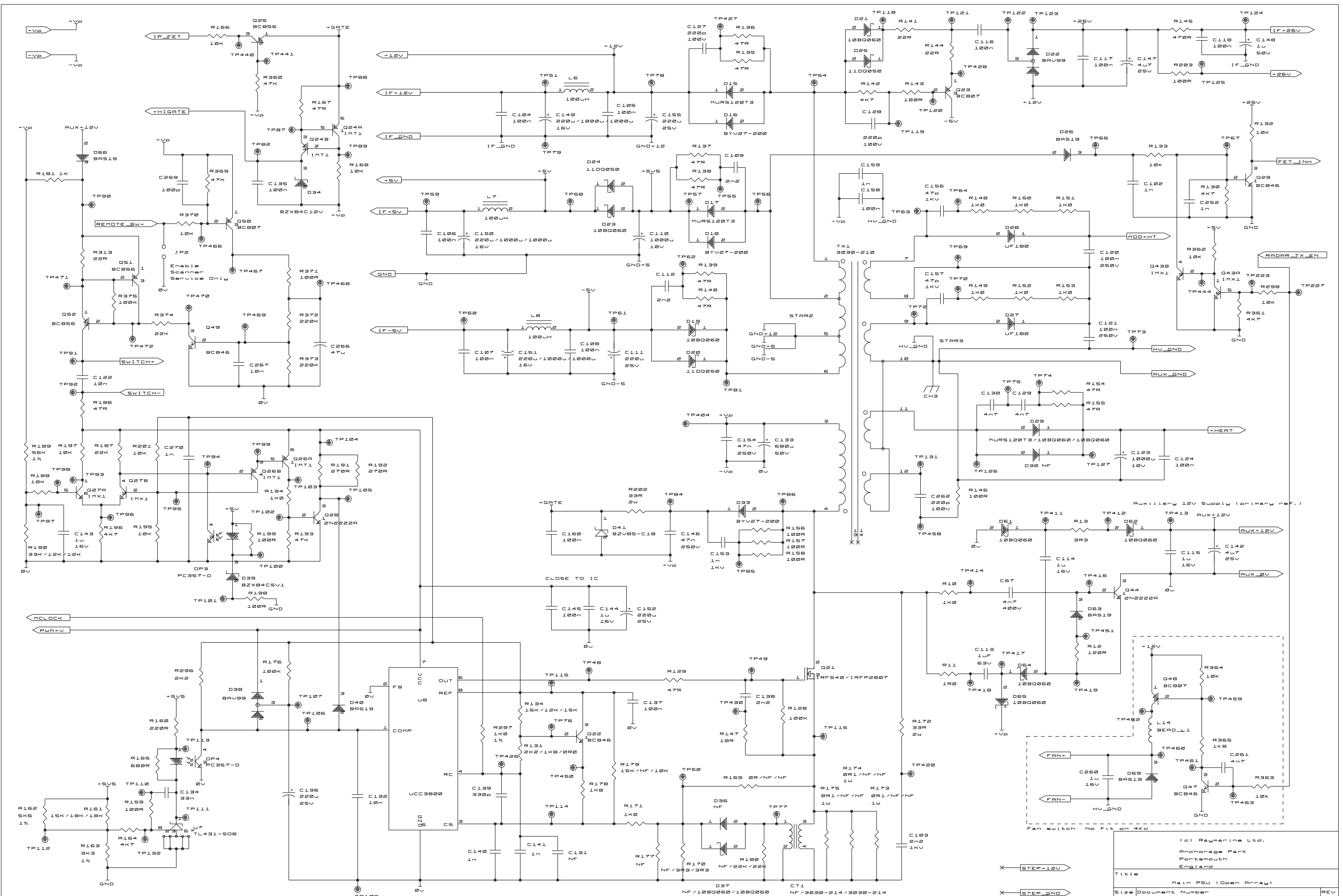


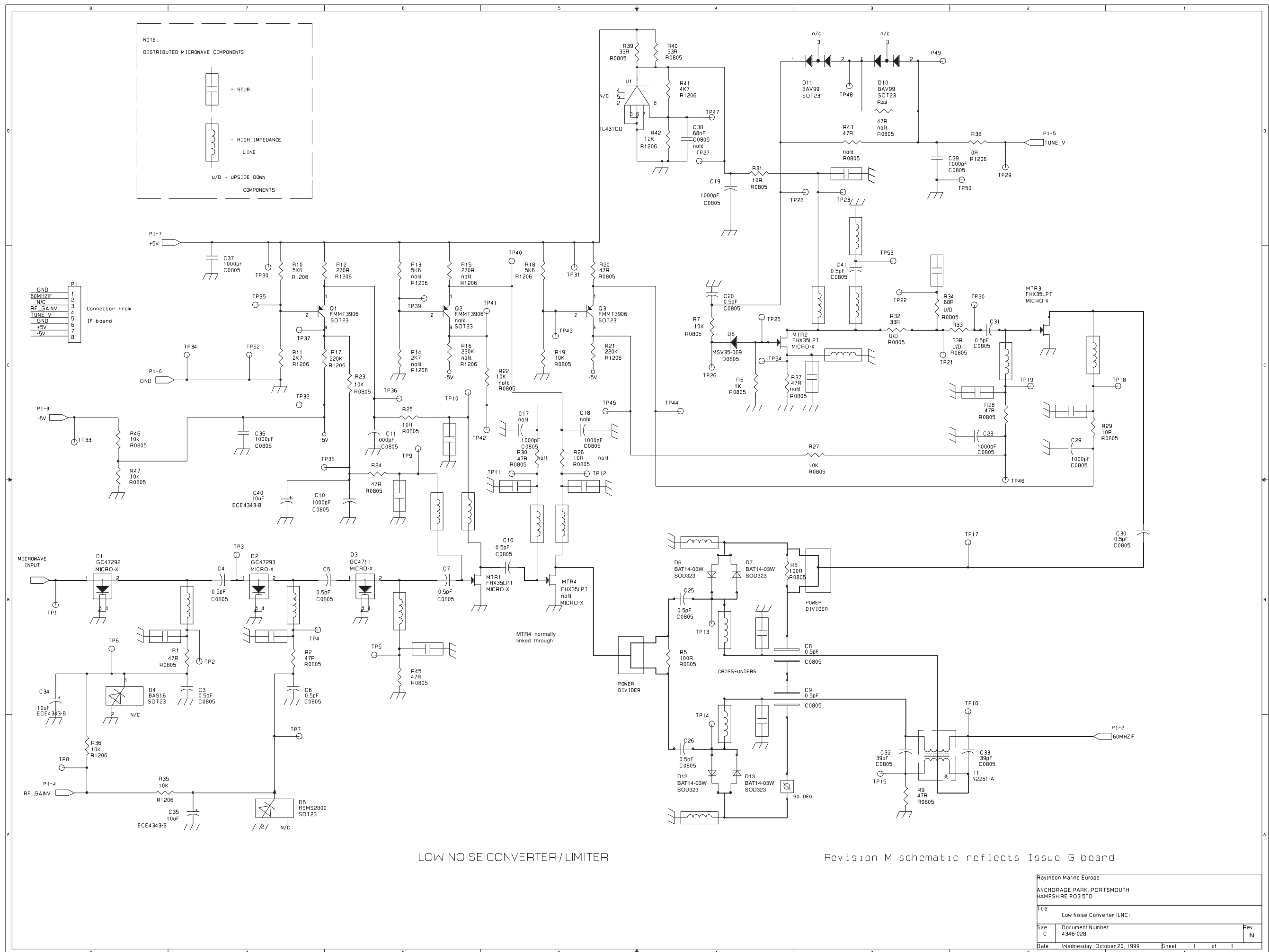


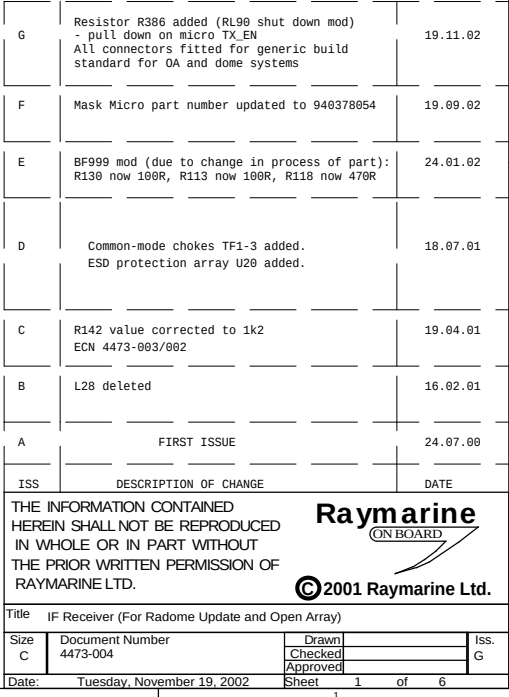
Note:

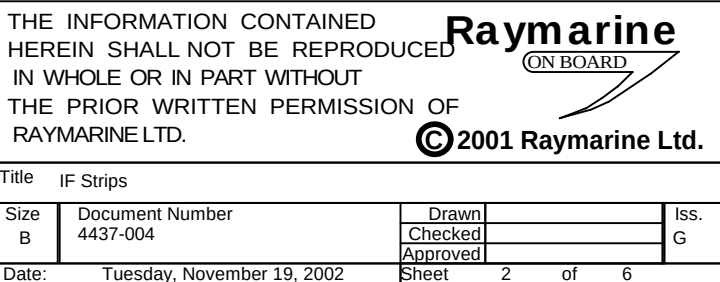
All parts on this sheet are NOT FITTED to the 4KW unit except :-

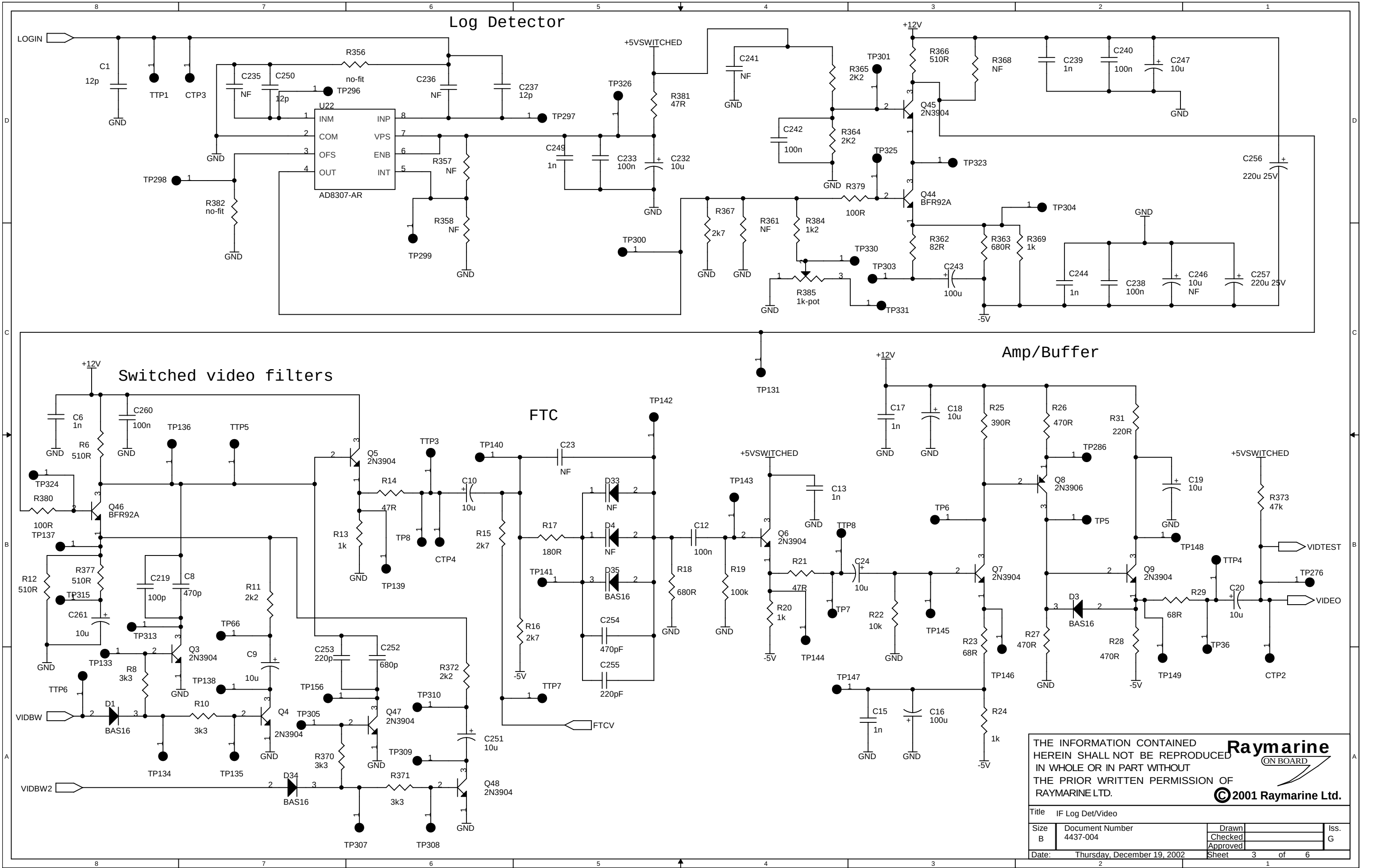
R242, R248, R250, R252







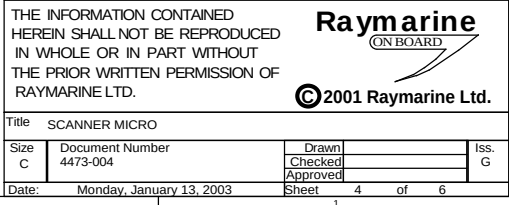


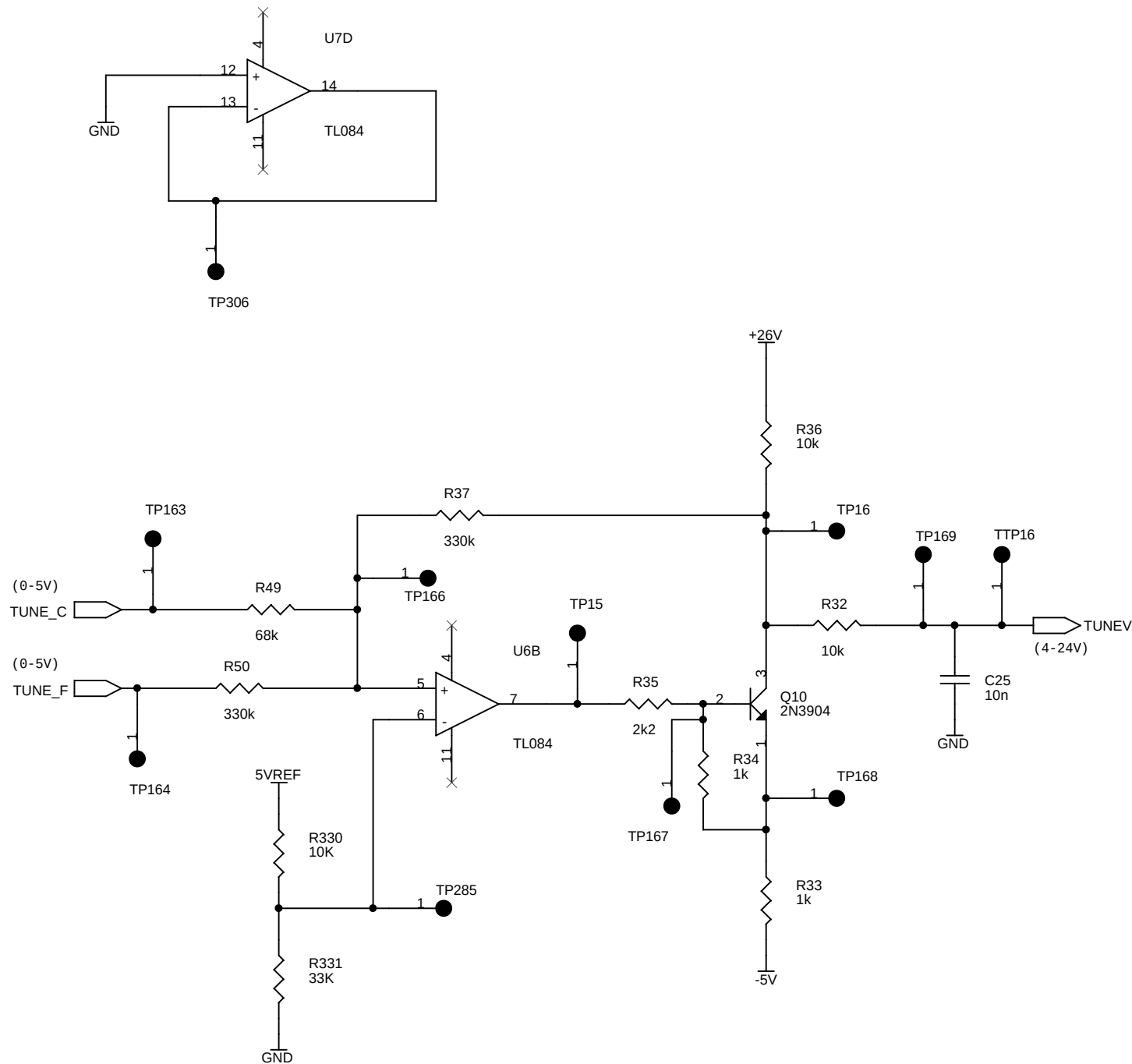
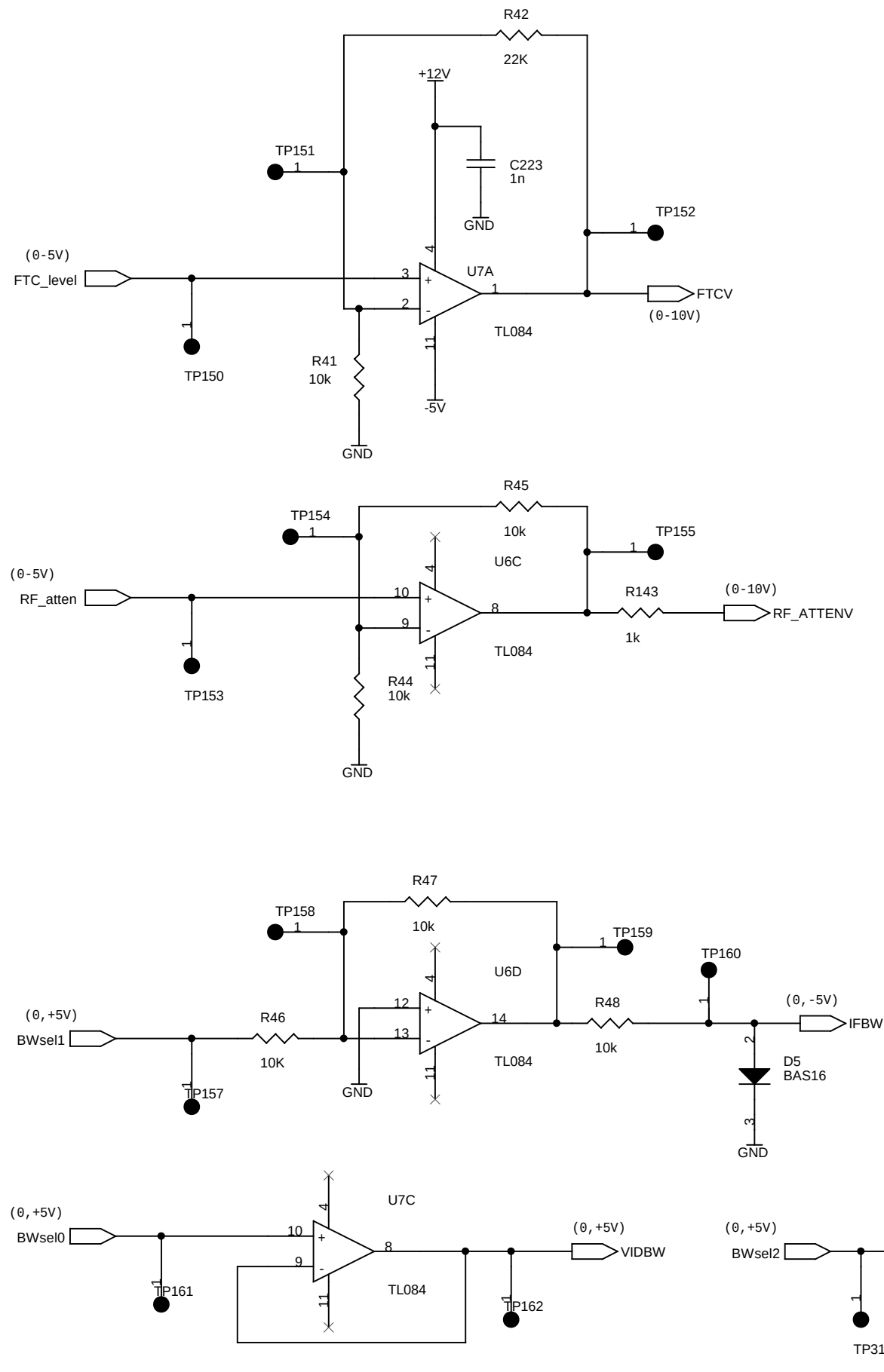


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Title IF Log Det/Video				
Size B	Document Number 4437-004	Drawn		Iss. G
		Checked		
		Approved		
Date: Thursday, December 19, 2002		Sheet 3	of 6	





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Title Control Interface			
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		Approved	
Date: Tuesday, November 19, 2002		Sheet 5 of 6	

