

SECURITY CLASSIFICATION

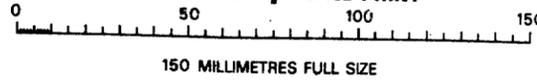
SERVICES DRG. No.

FIRST USED ON L410635

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3rd ANGLE PROJECTION

DO NOT SCALE PRINT



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

L410635 C

NOTES

ISSUE	DATE
A	31/10/61
	0018/1
	24-9-61

- SHEET 2 IS A REF. VIEW OF COMPONENT SIDE
  - BOARD TO BE MANUFACTURED TO DEF. STAN. 59-48
  - THIS SIDE OF BOARD TO BE ETCHED IN LINE WITH L410635 F1 Issue A
  - THE OTHER (COMPONENT) SIDE OF THE BOARD TO BE ETCHED IN LINE WITH L410635 F2 Issue A
  - THE OTHER (COMPONENT) SIDE OF THE BOARD TO BE SILK SCREENED IN LINE WITH L410635 FL Issue A WITH WHITE CHARACTERS.
  - UNLESS OTHERWISE STATED ALL LANDS TO HAVE A FINISHED HOLE DIA. OF 0.9
- N.C. DRILL TAPE (N.P.) 600 (Q TABLE 162)

DRILL N°	FINISHED HOLE SIZE	N° OFF
1	4.8mm ±0.076mm	5
2	0.9mm ±0.076mm	603
3	1.1mm ±0.076mm	63
4	1.3mm ±0.076mm	4
5	3.0mm ±0.076mm	8
6	3.6mm ±0.076mm	2

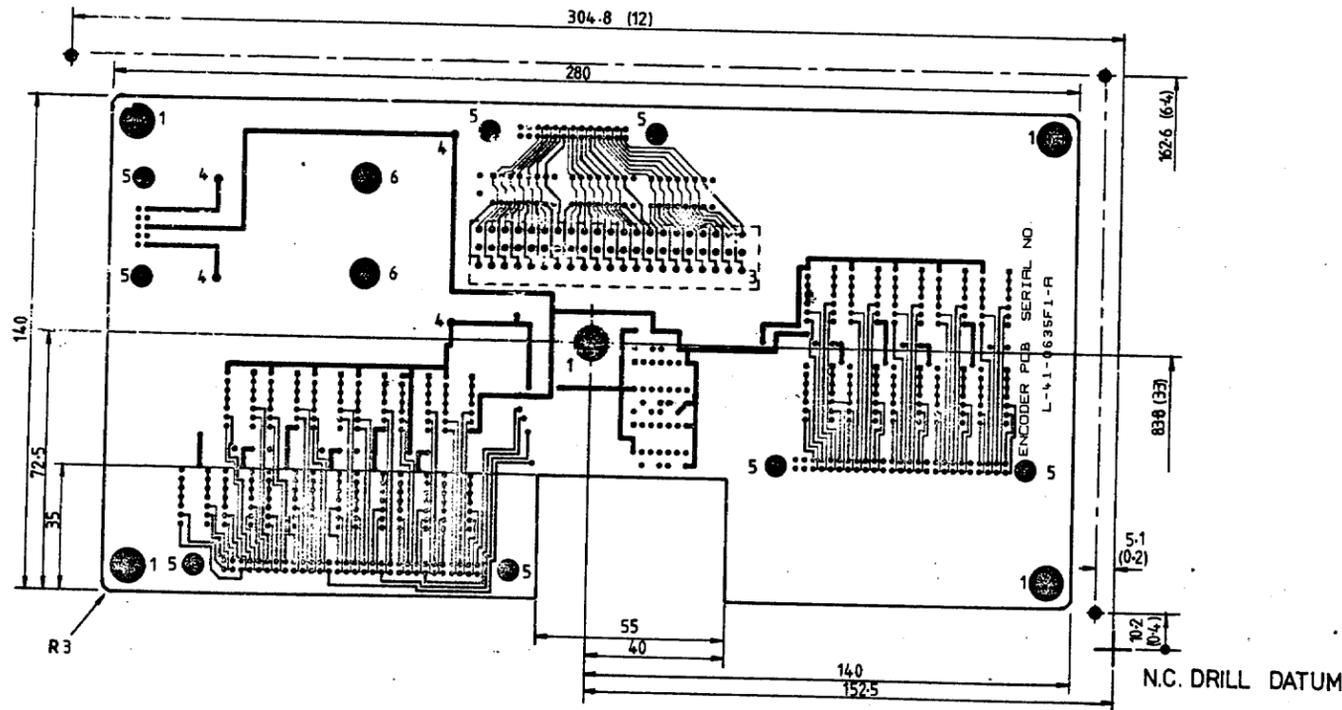
- UNLESS OTHERWISE STATED ALL HOLES TO BE PLATED THROUGH
- ALL HOLE SIZES ARE FINISHED SIZE.
- BOARD FINISH TO BE 60%0 TIN LEAD PLATE
- BOARD TO BE PACKED & TRANSPORTED IN ACCORDANCE WITH M.R.P. 686-04-03

INSPECTION NOTES

AT NO POINT AROUND THE EDGE OF THE HOLES SHALL THERE BE LESS THAN 0.075 WIDTH OF COPPER.

AT NO POINT SHALL THE TRACK WIDTH OR INSULATION BETWEEN TRACKS BE REDUCED BY MORE THAN 10%

BOW & TWIST SHALL BE MEASURED & SHALL NOT EXCEED 0.5% (SEE M.R.P. 687-04-01 FOR INSPECTION PROCEDURE)



4.2 METRE WILLIAM HERSCHEL TELESCOPE  
FOR  
OBSERVATORIO DEL ROQUE DE LOS MUCHACHOS  
LA PALMA.  
AND  
ROYAL GREENWICH OBSERVATORY

IDENTITY DRG N° L-41-0634-50PT

ASSOCIATED ITEMS AVAILABLE FOR THIS DRAWING	MARK X
CHANGE MOD. RECORD SH.	C
DRAWING LIST	J
ITEM LIST	K
TEST SPEC.	L
WIRING LIST	N
CCT DIAGRAM	Z
SAFETY WARNING	NO

CHECKED	APPROVED	APPROVED (PROD)	DIMS. IN m.m. (INS)	MATERIAL NELCO N105 TO NEMA G10/FR4 1.6-0.2+0.18 THK 17.5um 1/2oz COPPER CLAD DOUBLE SIDED TO B.S.4584 OR APPROVED EQUIVALENT	MARCONI SPEC. PM7222/60/406	FINISH GENERALLY TIN LEAD PLATE	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED:  ±0.25	MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
DRAWN ADC	TRACED	ISSUED BY D.A.W. P.C.B.D.O.	ORIGINAL SCALE 1:1						TITLENHOT J600	MARCONI DRAWING No. L-41-0634
									BOARD PRERARATION & DRILLING ENCODER BOARD	SERVICES DRAWING No.

CLASSIFICATION

SERVICES ORG No

FIRST USED ON L410635

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3rd ANGLE PROJECTION

DO NOT SCALE PRINT  
0 50 100 150

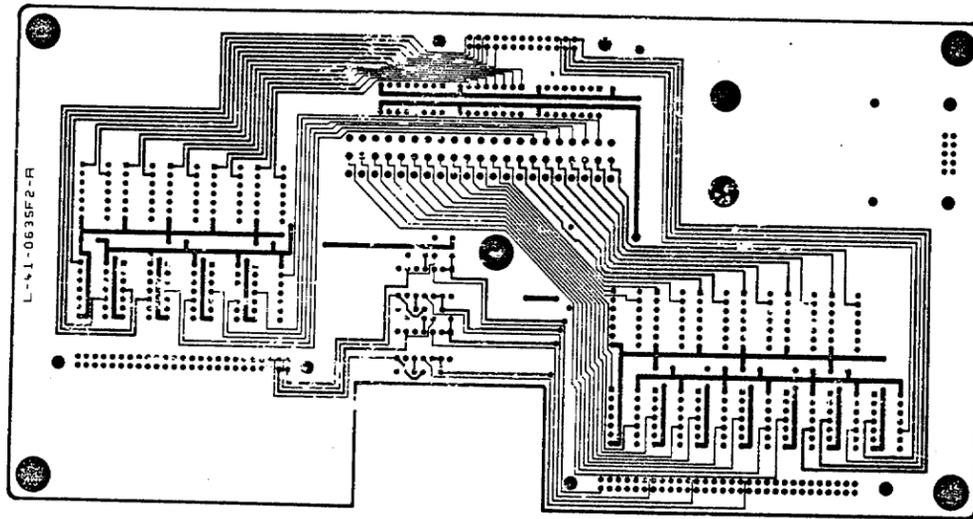
150 MILLIMETRES FULL SIZE

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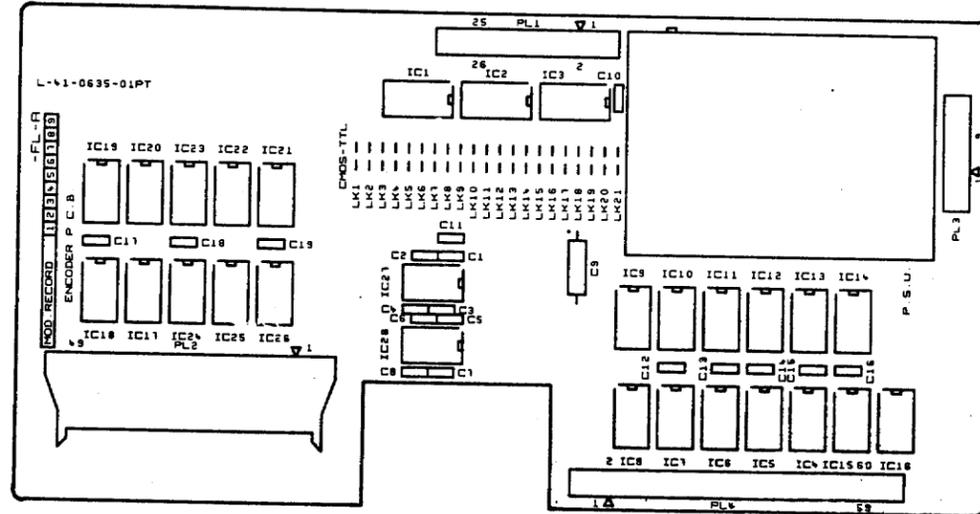
NOTES

1. MANUFACTURING DATA SEE SHT 1

L410635 C  
ISSUE DATE  
A 321 MCC1  
0010/11  
24-9-88



COMPONENT SIDE



SILK SCREEN FOR COMPONENT SIDE

ASSOCIATED ITEMS AVAILABLE FOR THIS DRAWING	SUFFIX	MARK X
CHANGE MOD		
DRAWING LIST	J	
ITEM LIST	K	
TEST SPEC	L	
WIRING LIST	N	
WIRE DIAGRAM	Z	
SAFETY WARNING	NO	

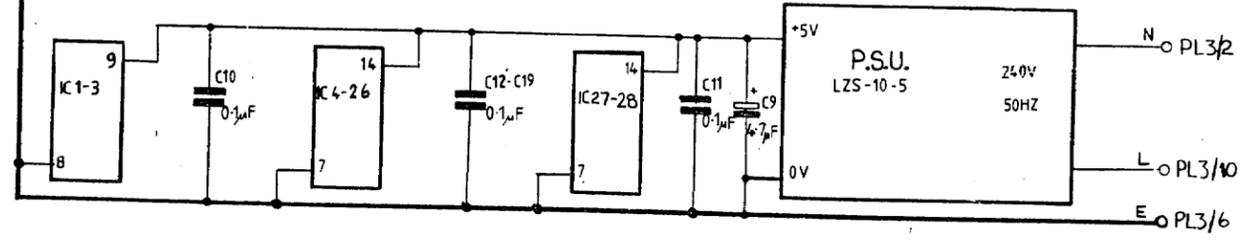
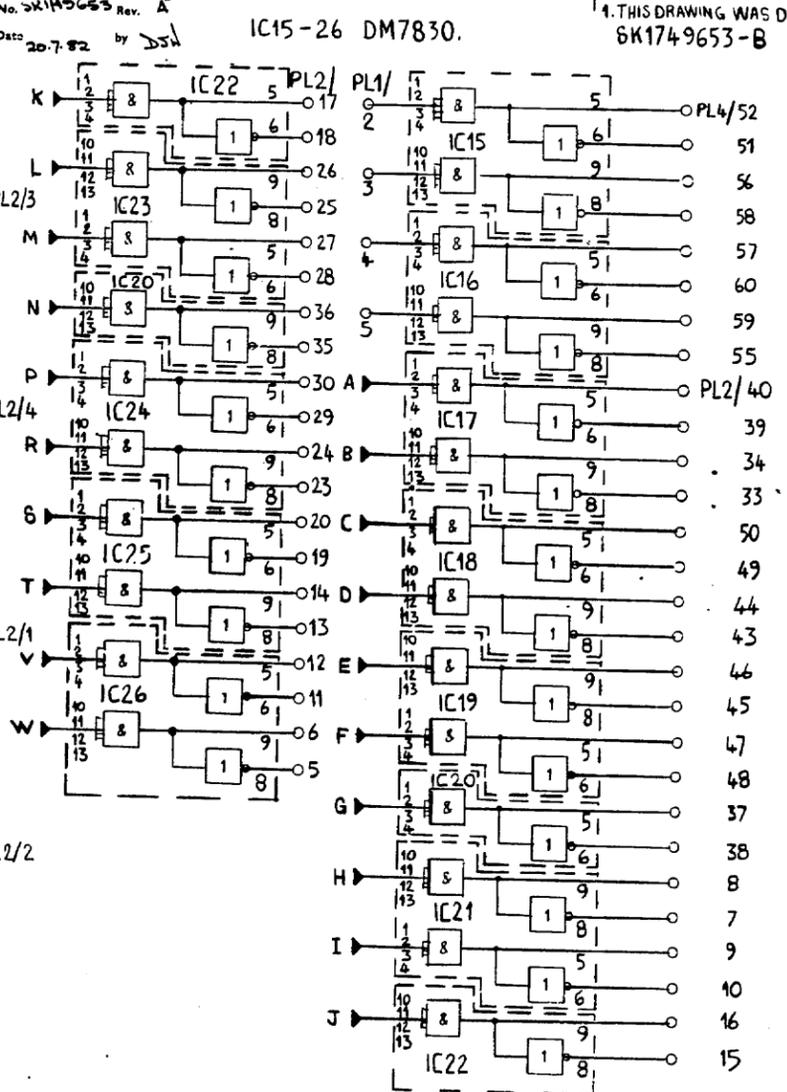
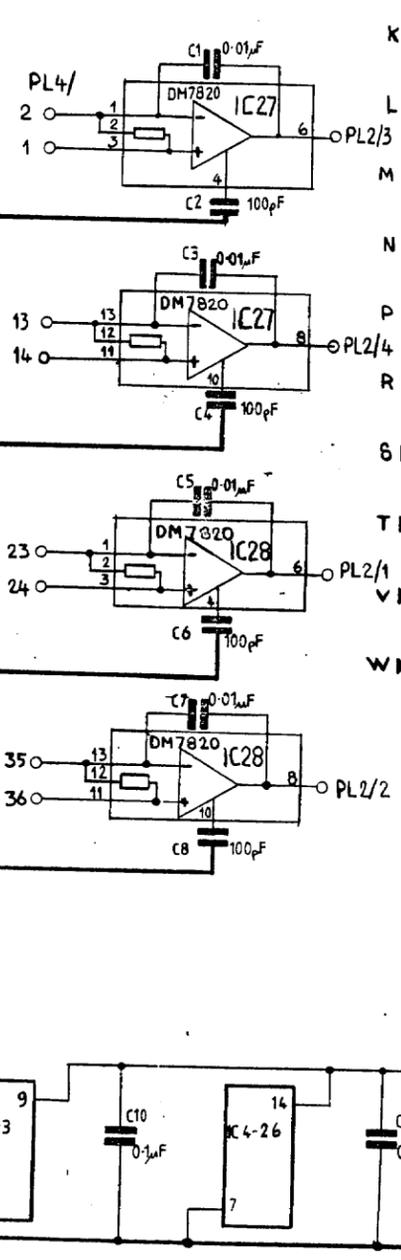
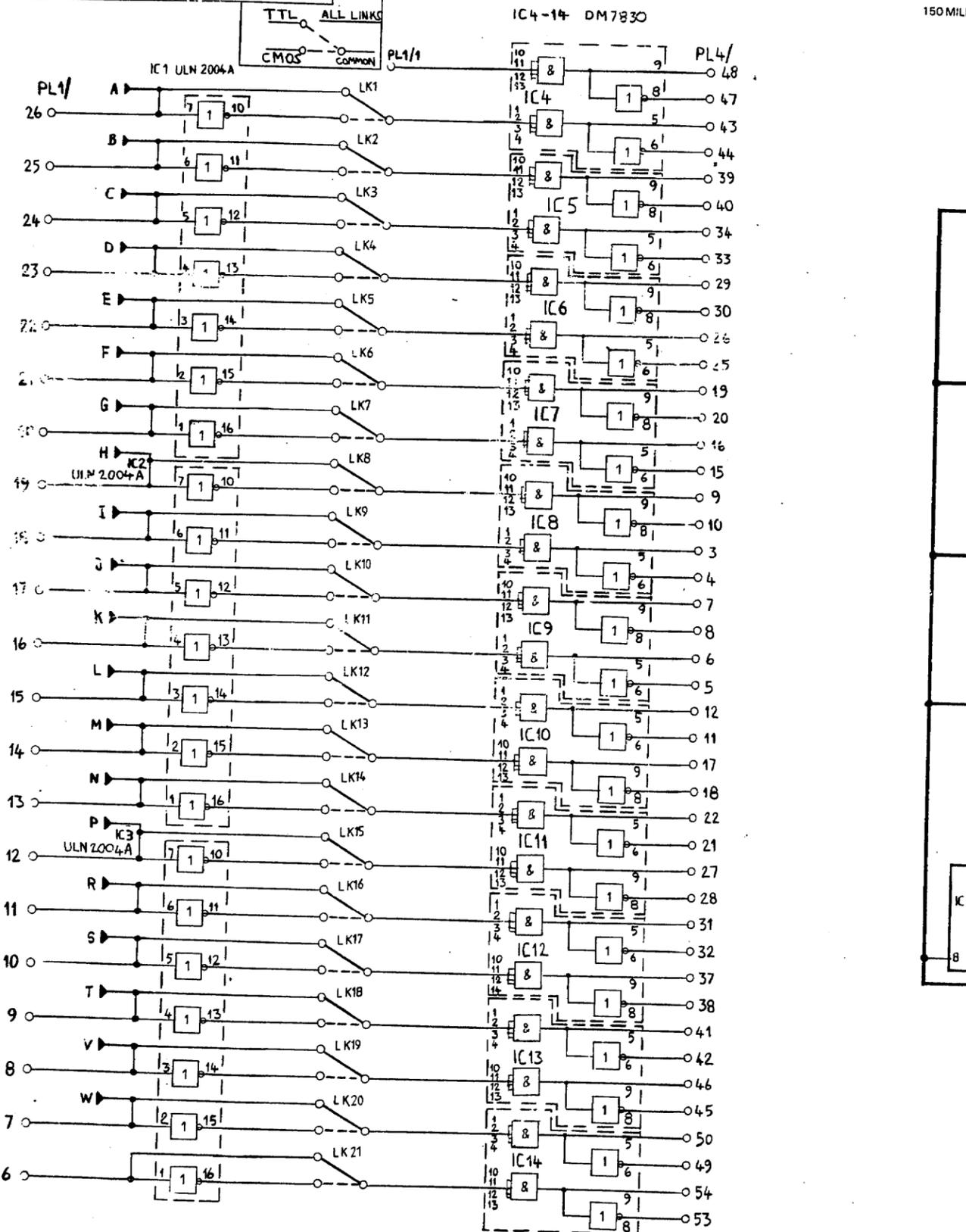
4.2 METRE WILLIAM HERSCHEL TELESCOPE  
FOR  
OBSERVATORIO DEL ROQUE DE LOS MUCHACHOS  
LA PALMA  
AND,  
ROYAL GREENWICH OBSERVATORY

APPROVED	APPROVED (PROD)	DIMS IN	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES, UNLESS OTHERWISE STATED
		ORIGINAL SCALE					
	ISSUED BY D.A.W. P.C.B.D.O.	1:1					

<b>MARCONI RADAR SYSTEMS LIMITED</b> CHELMSFORD & LEICESTER ENGLAND	SECURITY CLASSIFICATION
TITLE BOARD PREPARATION & DRILLING ENCODER BOARD	MARCONI DRAWING No L-41-0634
J600	SERVICES DRAWING No
	SH No 2 SH CONTD SIZE

UNLESS OTHERWISE STATED, SCREW THREADS TO BE ISO METRIC  
COARSE PITCH, MEDIUM CLASS TO BS 3643, PART 2.

ADC



RECORDS OF ISSUES MADE TO 6K174-9653

A	26-6-82
B	14-7-82

4.2 METRE WILLIAM HERSCHEL TELESCOPE  
FOR  
OBSERVATORIO DEL ROQUE DE LOS MUCHACHOS  
LA PALMA  
AND  
ROYAL GREENWICH OBSERVATORY

ASSOCIATED ITEMS AVAILABLE FOR THIS DRAWING	SUFFIX	MARK X
CHANGE MOD RECORDS	C	
DRAWING LIST	J	
ITEM LIST	K	X
TEST SPEC.	L	
WIRING LIST	N	
CCT DIAGRAM	Z	

SAFETY WARNING NO

CHECKED	APPROVED	APPROVED (PROJ)	DIMS. IN	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED
DRAWN	TRACED	ISSUED BY	ORIGINAL SCALE					
C. DUDSON/AM		D.A.W. P.C.B. 'B' D.O.						

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
MARCONI DRAWING No.	L-41-0635
TITLE	NHOT ENCODER DRIVER P.C.B.
SERVICES DRAWING No.	