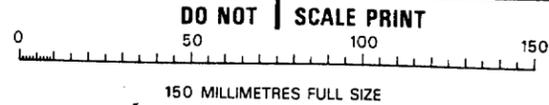


SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON

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3rd ANGLE PROJECTION

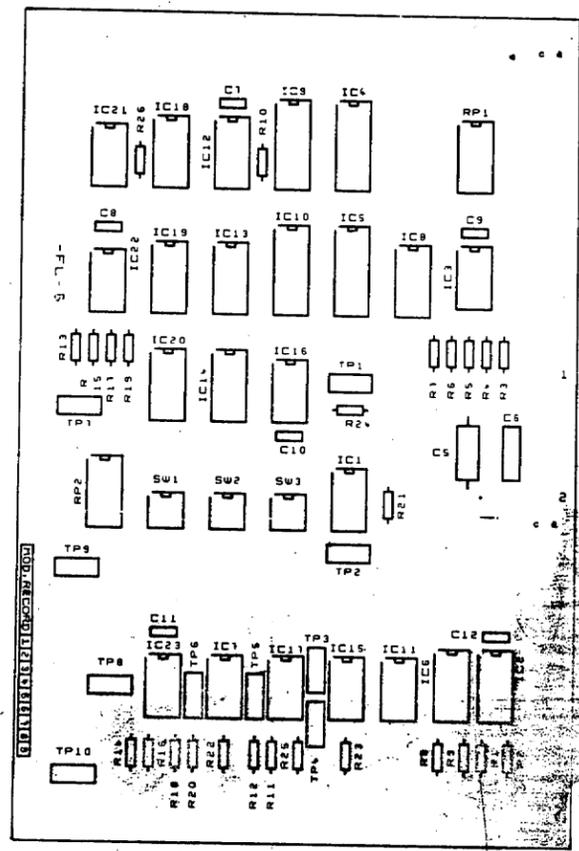
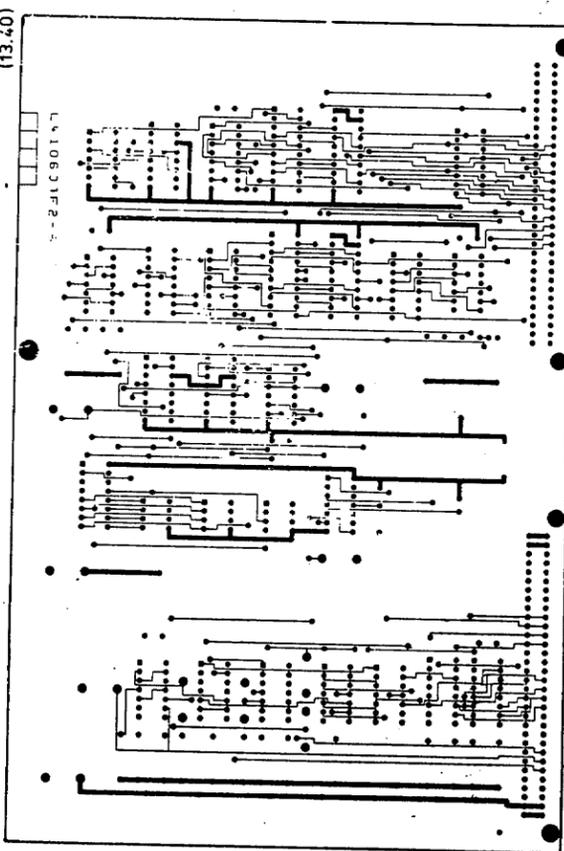
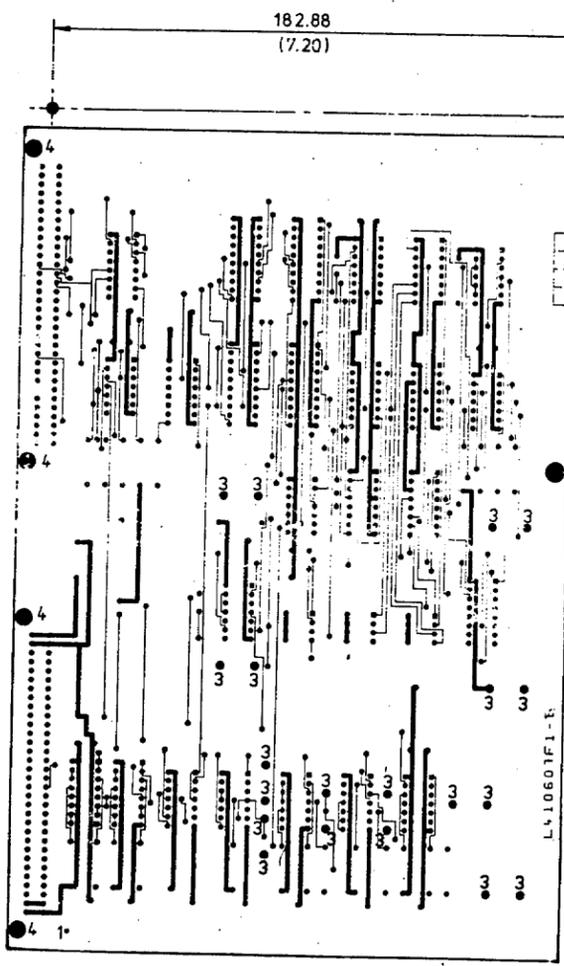


UNLESS OTHERWISE STATED ALL LANDS TO HAVE A FINISHED HOLE DIA. OF 0.90
NC DRILL TAPE (INPIJ545 (Q TABLE) 124

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L410607

- | ISSUE | DATE |
|-------|-------------------------|
| A | 321 NCC1 0009/1 22-6-82 |
| B | 321 NCC1 150/1 2-12-83 |
- NOTES
- THE BOARD TO BE MANUFACTURED TO DEF STAN 59-48
 - BOARD MANUFACTURE TO USE FILMS L410607 F1 Issue B F2 Issue B FL Issue B
 - THE COMPONENT SIDE (F2) OF THE BOARD TO BE SILK SCREENED IN WHITE CHARACTERS
 - UNLESS OTHERWISE STATED ALL HOLES TO BE PLATED THROUGH
 - ALL HOLE SIZES ARE FINISHED SIZE.
 - INSPECTION NOTE
BOW & TWIST SHALL BE MEASURED AND NOT EXCEED 0.5% (SEE MRP 687-04-01)
ON OUTER LAYERS AT NO POINT AROUND THE EDGE OF THE HOLES SHALL THERE BE LESS THAN 0.13 WIDTH OF COPPER.

DRILL No.	FINISHED HOLE Ø	No.OFF	SYMBOL	POS.TOL.	DATUM
1	1.6 ± 0.15	1			
2	0.9 ± 0.10	792			
3	1.3 ± 0.15	20			
4	2.8 ± 0.15	4			



10.16 (0.40)

106.68 (4.20)

PROFILE BOARD TO DRG. No. L-41-0650

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

CHECKED A.M. G... DRAWN A. RAWLINSON	APPROVED TRACED	APPROVED (PROD) ISSUED BY D.A.W. PCB D.O. NEW PARKS	DIMS. IN m.m. (INS) ORIGINAL SCALE 1:1	MATERIAL NELCO N105 TO NEMA G10/FR4 1.60 THK 17.5µm (305g/m ²) DOUBLE SIDED, COPPER CLAD BOARD TO BS4584 PT.3 OR APPROVED EQUIVALENT.	MARCONI SPEC. PM7222/60/406	FINISH 60/40 TIN/LEAD TO BS 441	MARCONI SPEC. MRP 685-02-07	TOLERANCES, UNLESS OTHERWISE STATED: DIMS. FOR REFERENCE ONLY	MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION	MARCONI DRAWING No. L-41-0606	SH. No. 1 SH. CONTD. --- SIZE
UNLESS OTHERWISE STATED, SCREW THREADS TO BE ISO METRIC COARSE PITCH, MEDIUM CLASS TO BS 3643, PART 2.									SERVICE DRAWING No.			
TITLE NOT BOARD DRILLING & PREPARATION RATE GENERATOR BOARD RGB 1880									PUNCH CARD TITLE			

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L 410607

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3rd ANGLE PROJECTION
DO NOT SCALE PRINT
150 MILLIMETRES FULL SIZE

Royal Greenwich Observatory
La Palma Division
APPROVED
No. SK2245622 Rev. 2
Date 25.8.82. by [Signature]

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

ISSUE	DATE
A	10-2-92
B	5-3-82
C	1-4-82

L410607 Z

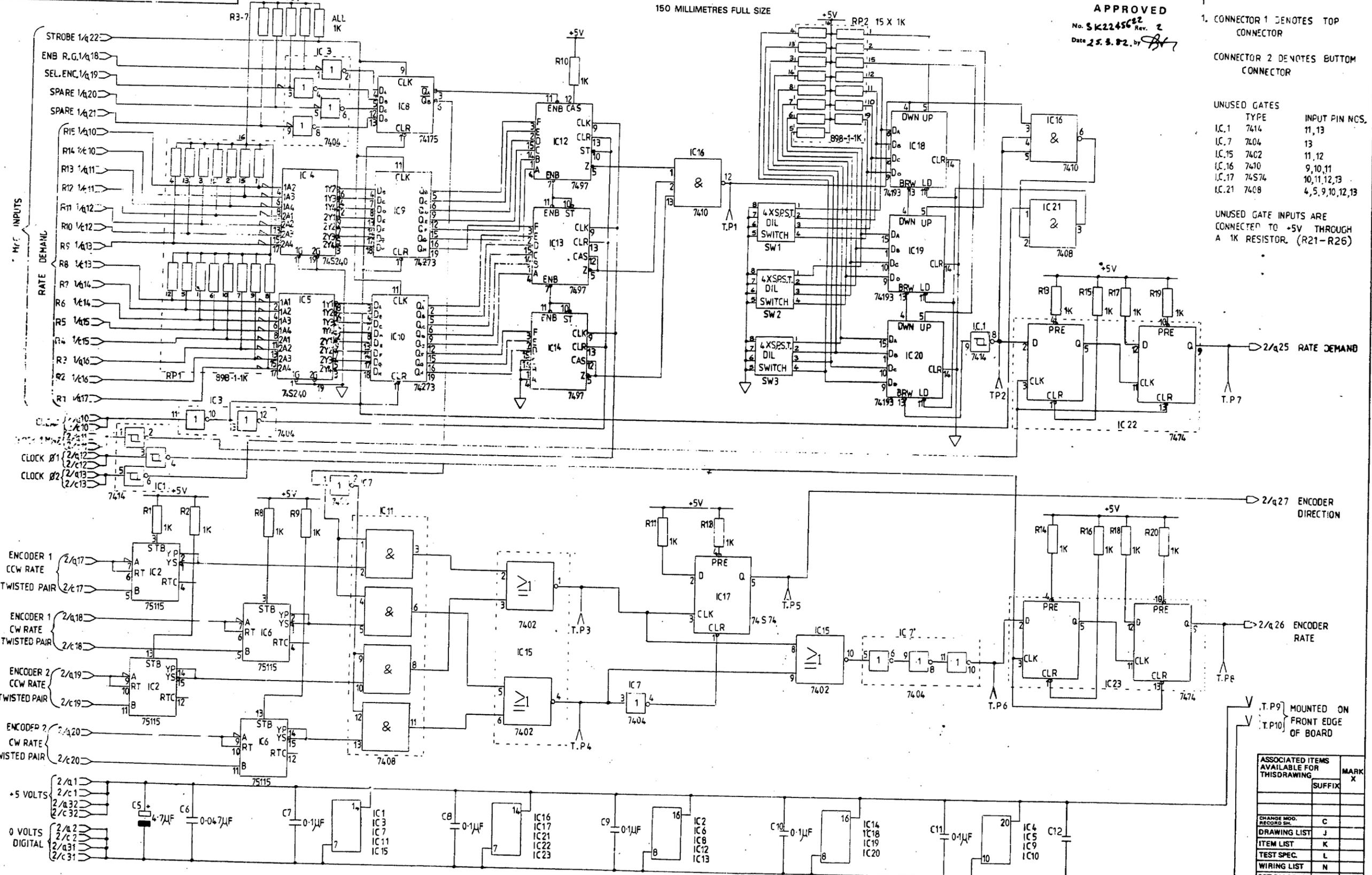
NOTES

- CONNECTOR 1 DENOTES TOP CONNECTOR
- CONNECTOR 2 DENOTES BOTTOM CONNECTOR

UNUSED GATES

IC	TYPE	INPUT PIN NOS.
IC.1	7414	11,13
IC.7	7404	13
IC.15	7402	11,12
IC.16	7410	9,10,11
IC.17	74574	10,11,12,13
IC.21	7408	4,5,9,10,12,13

UNUSED GATE INPUTS ARE CONNECTED TO +5V THROUGH A 1K RESISTOR. (R21-R25)



ASSOCIATED ITEMS AVAILABLE FOR THIS DRAWING	MARK X
CHANGE MOD.	
RECORD SH.	
DRAWING LIST	J
ITEM LIST	K
TEST SPEC.	L
WIRING LIST	N
CCT DIAGRAM	Z
SAFETY WARNING	

CHECKED	APPROVED	APPROVED (PROD)	DIMS. IN	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED:	MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
DRAWN D. G. BEST 8-2-82	TRACED	ISSUED BY D.A.W. P.C.B. D.O. NEW PARKS	ORIGINAL SCALE	4.2 METRE WILLIAM HERSCHEL TELESCOPE FOR OBSERVATORIO DEL ROQUE DE LOS MUCHACHOS LA PALMA.			UNLESS OTHERWISE STATED, SCREW THREADS TO BE ISO METRIC COARSE PITCH, MEDIUM CLASS TO BS.3843, PART 2. HOLE DIAS UP TO 6mm BS.4500 H 11 OVER 6mm BS.4500 H 13		TITLE NHOT RATE GENERATOR BOARD RGB 1880 PUNCH CARD TITLE	MARCONI DRAWING No. L-41-0607 Z
ROYAL GREENWICH OBSERVATORY										