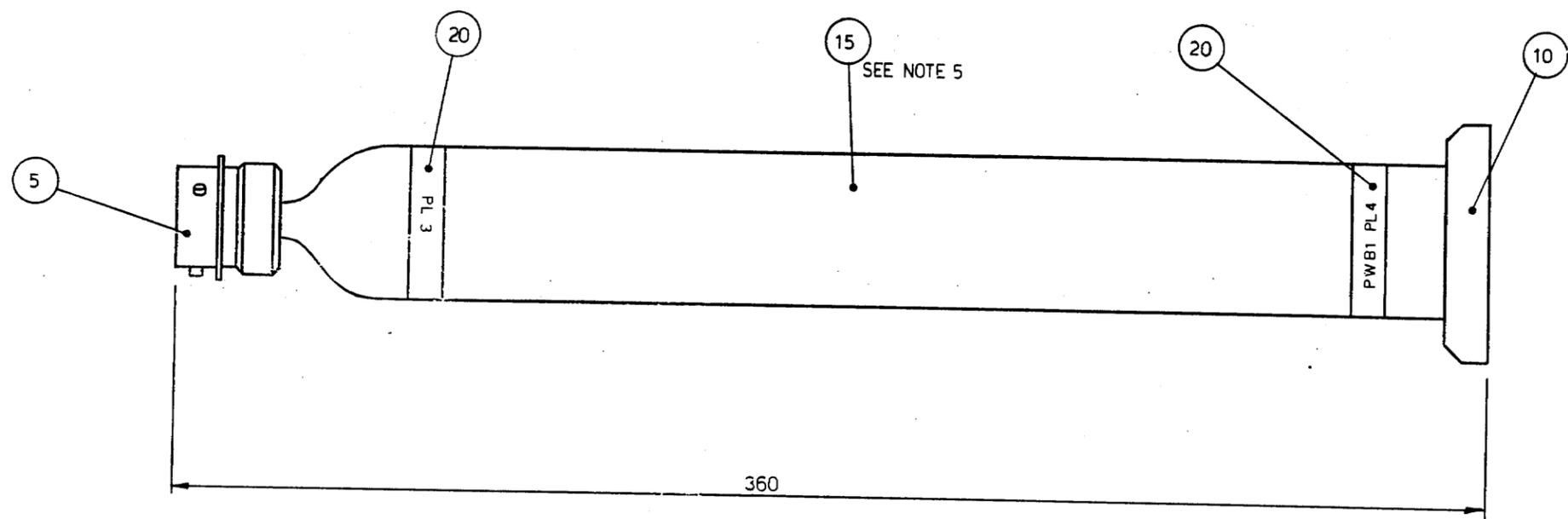


SECURITY CLASSIFICATION
 SERVICES DRG. No.
 FIRST USED ON L-40-8951

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
 © THE MARCONI COMPANY LIMITED 1982



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8951



- NOTES
1. WIRE CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
 2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 25.
 3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 4. TAPE, ITEM 20, USED FOR LABELS, TO BE WRAPPED AROUND CABLE 1½ TIMES & MARKED, AS SHOWN, IN BLACK 4 mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02.
 5. ALL UNUSED WIRES OF ITEM 15 TO BE CUT BACK AT REAR OF PL 3.

ISSUE DATE
 A NCC1/0017
 25.10.82

FROM PWB 1 PL 4	TO PL 3	FROM PWB 1 PL 4	TO PL 3	FROM PWB 1 PL 4	TO PL 3	FROM PWB 1 PL 4	TO PL 3	FROM PWB 1 PL 4	TO PL 3	FROM PWB 1 PL 4	TO PL 3
1		11	a	21	e	31	h	41	m	51	
2		12	Z	22	d	32	i	42	n	52	
3	T	13		23		33	F	43	A	53	u
4	U	14		24		34	E	44	B	54	t
5	Y	15	P	25	K	35		45	q	55	w
6	X	16	N	26	J	36		46	p	56	z
7	V	17	b	27	f	37	j	47		57	x
8	W	18	c	28	g	38	k	48		58	AA
9	R	19	L	29	G	39	C	49	s	59	v
10	S	20	M	30	H	40	D	50	r	60	y

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

CHECKED	APPROVED	APPROVED (PROD)	DIMS. IN	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES.
<i>K. MIT</i>		<i>20-</i>	mm					± 10
DRAWN <i>PD</i> <i>B. BATHOLOMEW</i>	TRACED	ISSUED BY J.L.B. D.O. N.P.	ORIGINAL SCALE N.T.S.					

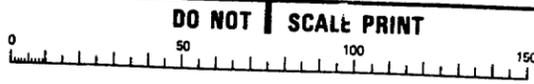
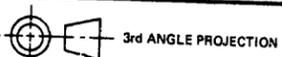
MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
TITLE CABLE ASSEMBLY	MARCONI DRAWING No. L-40-7086
	SERVICES DRAWING No.

SECURITY CLASSIFICATION

SERVICES DRG. No.

FIRST USED ON L-40-8951

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1983



DO NOT SCALE PRINT

150 MILLIMETRES FULL SIZE

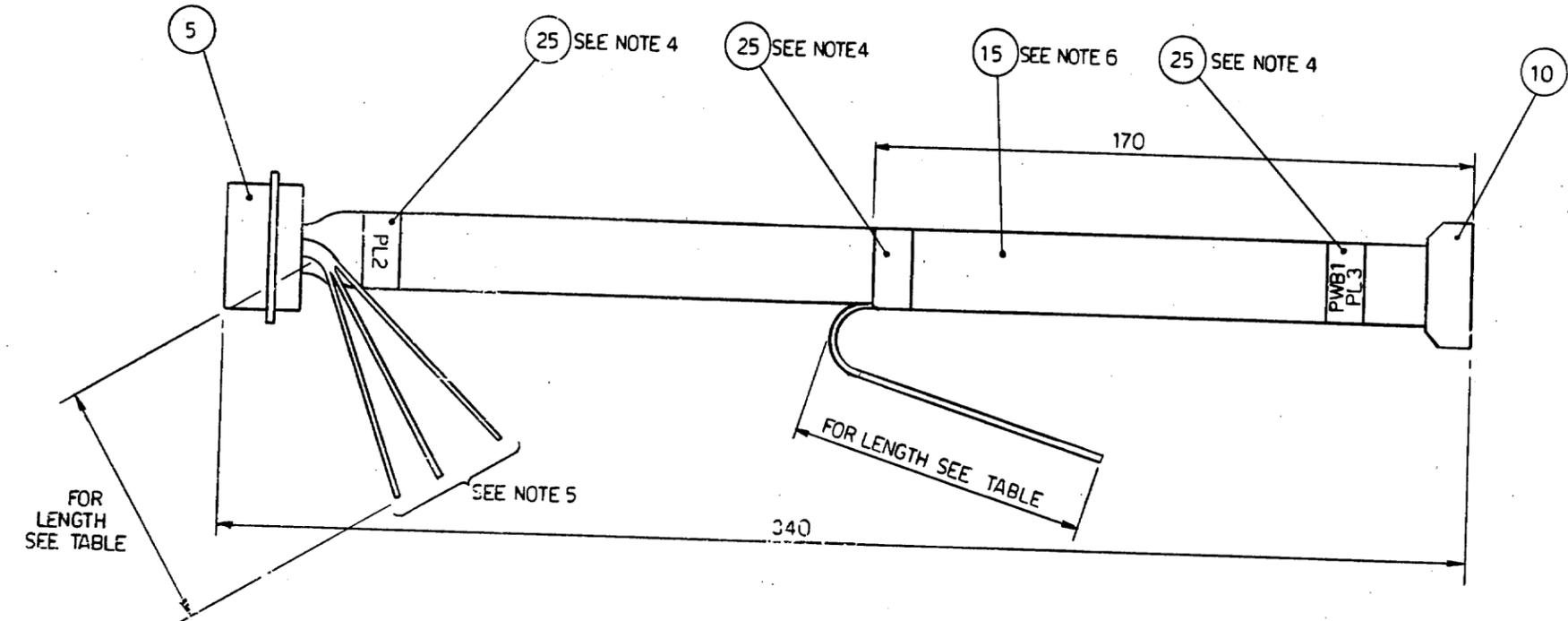
ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

L-40-8951

NOTES

1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE
2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 30
3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY
4. TAPE ITEM 25 USED FOR LABELS TO BE WRAPPED AROUND 1 1/2 TIMES AND MARKED AS SHOWN IN BLACK 4 HIGH CHARACTERS IN ACCORDANCE WITH MRP-700-02
5. WIRES ITEMS 20 TO 22 TO BE CONNECTED TO PL2 AS SHOWN IN TABLE
6. ALL UNUSED WIRES OF ITEM 15 TO BE CUT OFF AT REAR OF PL2

ISSUE	DATE
A	NCC1 /0017 25-12-82
B	NCC1 /0019 23-5-83



FROM PL 2	TO PWB 1 PL 3	ITEM	LENGTH	
A		21	70	FLYING LEAD
A	2	15		
B		22	230	FLYING LEAD
B	6	15		
C		20	40	FLYING LEAD
	10	15	170	FLYING LEAD

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

CHECKED L.T. Bice	APPROVED	APPROVED (PROD)	DIMS. IN m.m.	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: ± 10
DRAWN H PICKLES	TRACED	ISSUED BY JLB D.O. N.P.	ORIGINAL SCALE N.T.S.					

Marconi Radar Systems CHELMSFORD & LEICESTER, ENGLAND.		SECURITY CLASSIFICATION
MARCONI DRAWING No.		SH No. 1
TITLE CABLE ASSEMBLY		SH CONT. 1
SERVICES DRAWING No. L-40-7089		SIZE

SECURITY CLASSIFICATION

SERVICES DRG. No.

FIRST USED ON L-40-8955

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT

0 50 100 150

150 MILLIMETRES FULL SIZE

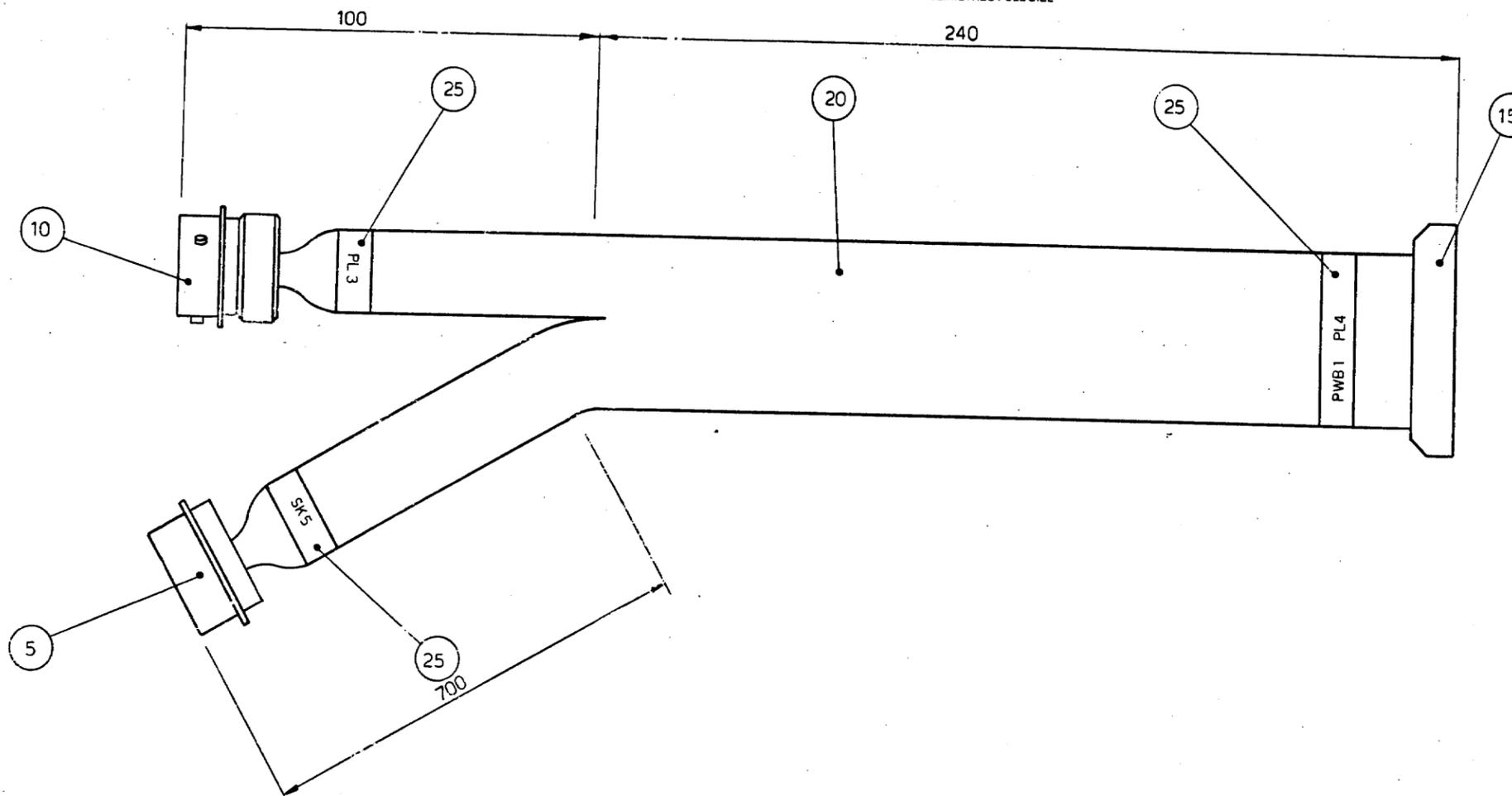
ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

L-40-8955

NOTES

1. WIRE CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 30.
3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
4. TAPE, ITEM 25, USED FOR LABELS, TO BE WRAPPED AROUND CABLE 1½ TIMES & MARKED, AS SHOWN, IN BLACK 4 mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02.

ISSUE DATE
A NCC1/
0017
25/10/82



FROM PWB 1 PL 4	TO	FROM PWB 1 PL 4	TO	FROM PWB 1 PL 4	TO	FROM PWB 1 PL 4	TO	FROM PWB 1 PL 4	TO	FROM PWB 1	TO
1	SK 5/A	11	PL3/a	21	PL3/e	31	PL3/h	41	PL3/m	51	PL3/CC
2	SK5/B	12	PL3/Z	22	PL3/d	32	PL3/i	42	PL3/n	52	PL3/BB
3	PL3/T	13	SK5/C	23	SK5/E	33	PL3/F	43	PL3/A	53	PL3/u
4	PL3/U	14	SK5/D	24	SK5/F	34	PL3/E	44	PL3/B	54	PL3/t
5	PL3/Y	15	PL3/P	25	PL3/K	35	SK 5/G	45	PL3/q	55	PL3/w
6	PL3/X	16	PL3/N	26	PL3/J	36	SK 5/H	46	PL3/p	56	PL3/z
7	PL3/V	17	PL3/b	27	PL3/f	37	PL3/j	47	PL3/EE	57	PL3/x
8	PL3/W	18	PL3/c	28	PL3/g	38	PL3/k	48	PL3/DD	58	PL3/AA
9	PL3/R	19	PL3/L	29	PL3/G	39	PL3/C	49	PL3/s	59	PL3/v
10	PL3/S	20	PL3/M	30	PL3/H	40	PL3/D	50	PL3/r	60	PL3/y

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

CHECKED <i>BS Smith</i>	APPROVED	APPROVED (PROD) <i>PO</i>	DIMS IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: ± 10
DRAWN <i>PD Bartholomew</i>	TRACED	ISSUED BY J.L.B. D.O N.P.	ORIGINAL SCALE N.T.S.					

MARCONI RADAR SYSTEMS LIMITED
CHELMSFORD & LEICESTER, ENGLAND

SECURITY CLASSIFICATION

TITLE
CABLE ASSEMBLY

MARCONI DRAWING No.

L-40-7090

SERVICES DRAWING No.

SER. No. 1
SER. CONTR. -
SER. -

SECURITY CLASSIFICATION

SERVICES DRG. No.

FIRST USED ON L-40-8951

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT

0 50 100 150

150 MILLIMETRES FULL SIZE

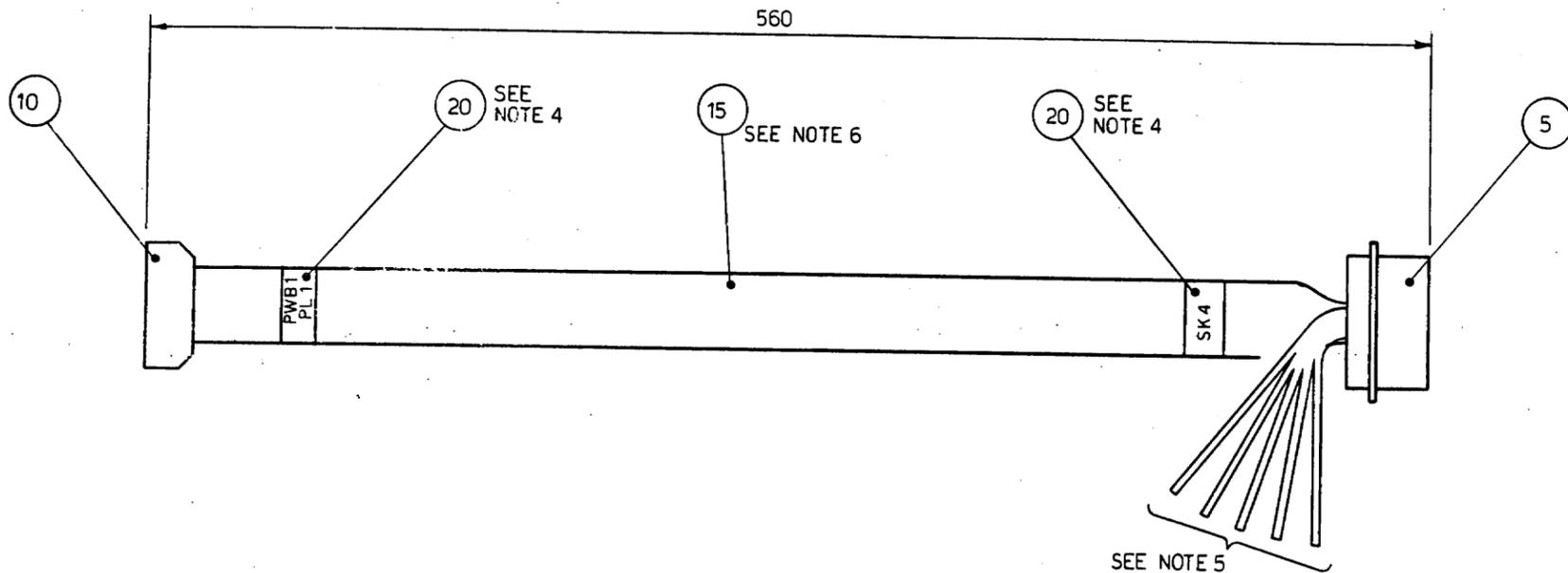
ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

L-40-8951

NOTES

ISSUE DATE

A NCC1/
0017
25/10/82



1. WIRE CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 25.
3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
4. TAPE, ITEM 20, USED FOR LABELS, TO BE WRAPPED AROUND CABLE 1½ TIMES & MARKED, AS SHOWN, IN BLACK 4mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02.
5. WIRES, ITEMS 18, TO BE CONNECTED TO SK 4 AS SHOWN IN TABLE.
6. ALL UNUSED WIRES OF ITEM 15 ARE TO BE CUT BACK AT THE REAR OF SK 4.

FROM SK 4	TO PWB 1 PL 1	FROM SK 4	TO PWB 1 PL 1	FROM SK 4	TO PWB 1 PL 1	FROM SK 4	TO PWB 1 PL 1	FROM SK 4	TO SK 4	LENGTH
A	26	F	21	L	16	Q	11	V	FLYING LEADS	560
B	25	G	20	M	15	R	10	W		560
C	24	H	19	N	14	S	9	X	ITEM 18	430
D	23	J	18	O	13	T	8	Y		560
E	22	K	17	P	12	U	7	Z		560

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

CHECKED <i>AS</i>	APPROVED	APPROVED (PROD) <i>RO</i>	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: ±10
DRAWN <i>PD</i> PARTHOLONEW	TRACED	ISSUED BY J.L.B. D.O. N.P.	ORIGINAL SCALE N.T.S.					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND		SECURITY CLASSIFICATION
MARCONI DRAWING No. L-40-7091		SERVICES DRAWING No.
TITLE CABLE ASSEMBLY		SH. No. 1 SA. CONTR. SIZE

SECURITY CLASSIFICATION

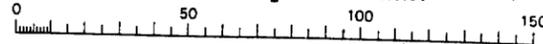
SERVICES DRG. No.

FIRST USED ON L-40-8952

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT



150 MILLIMETRES FULL SIZE

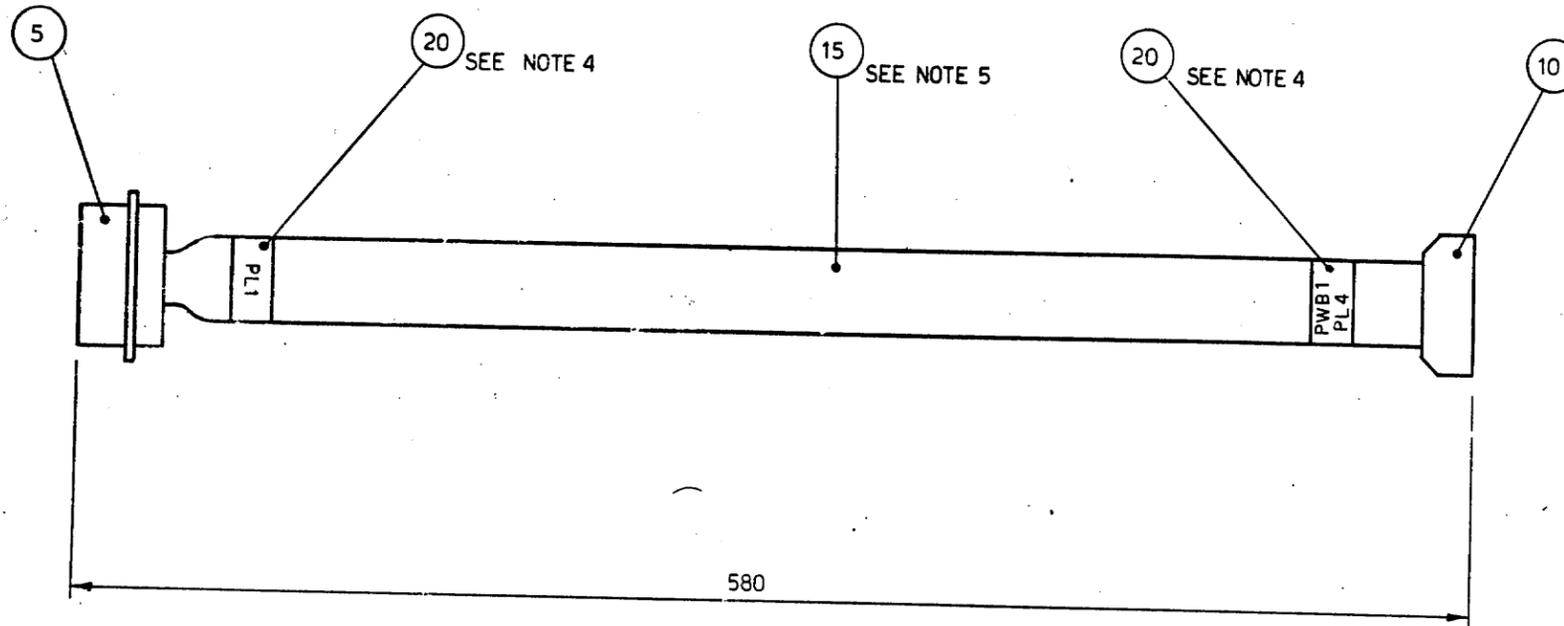
ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8952

NOTES

ISSUE DATE

1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 25.
3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
4. TAPE, ITEM 20, USED FOR LABELS TO BE WRAPPED AROUND 1 1/2 TIMES & MARKED AS SHOWN IN BLACK 4mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02.
5. ALL UNUSED WIRES OF ITEM 15 TO BE CUT BACK AT REAR OF PL1.

A NCC1/0017
25-10-82



FROM PL 1	TO PWB 1 PL 4	FROM PL 1	TO PWB 1 PL 4
A	43	F	33
B	44	G	29
C	39	H	30
D	40		
E	34		

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

CHECKED <i>RS</i>	APPROVED	APPROVED (PROD) <i>RO</i>	DIMS IN mm	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES. UNLESS OTHERWISE STATED ± 10
DRAWN <i>PD</i> <i>BARTHOLOMEW</i>	TRACED	ISSUED BY J.L.B. D.O. N.P.	ORIGINAL SCALE NTS					

MARCONI RADAR SYSTEMS LIMITED
CHELMSFORD & LEICESTER ENGLAND

SECURITY CLASSIFICATION

MARCONI DRAWING No.

L-40-7093

SN No. 1
SN CONTD -
S/N

TITLE
CABLE ASSEMBLY

SERVICES DRAWING No.

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-40-8952

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1962

3rd ANGLE PROJECTION

DO NOT SCALE PRINT
0 50 100 150

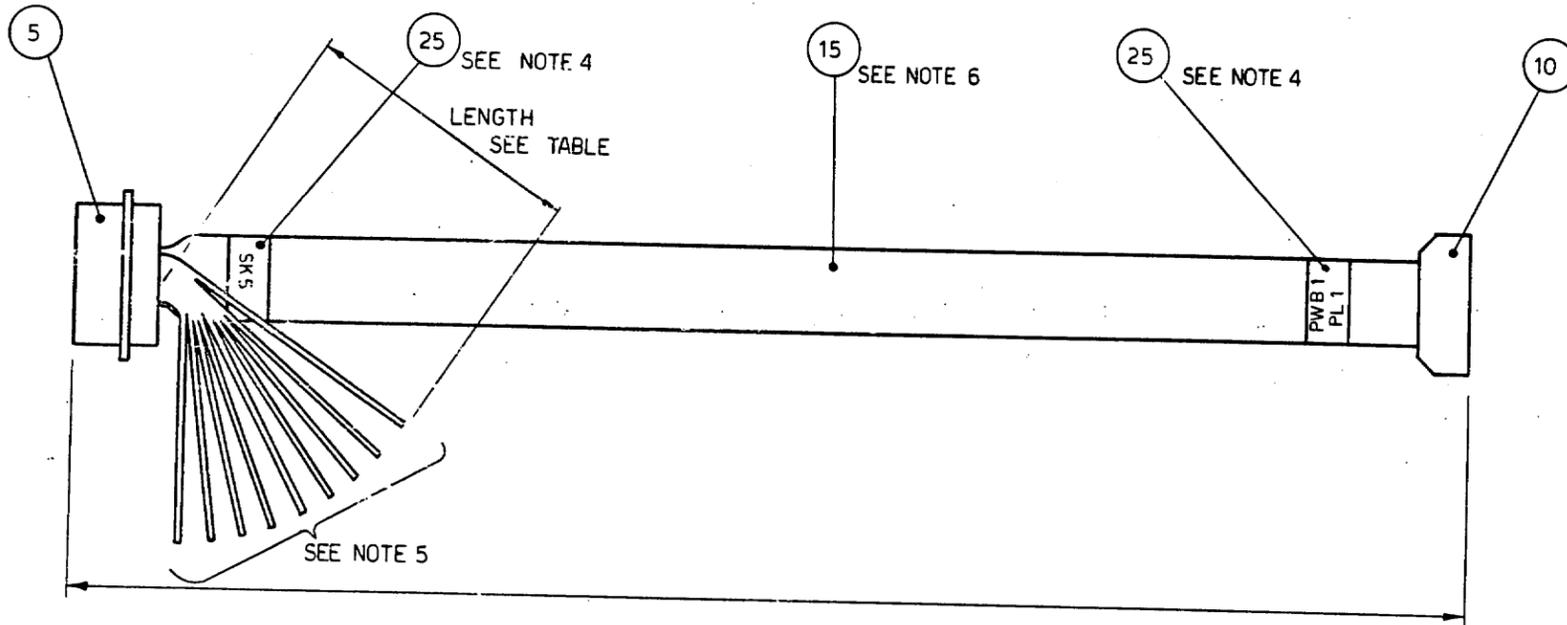
150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8952

NOTES

ISSUE	DATE
A	NCC1/0017 25-10-82

1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 30.
3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
4. TAPE, ITEM 25, USED FOR LABELS TO BE WRAPPED AROUND $1\frac{1}{2}$ TIMES & MARKED AS SHOWN IN BLACK 4mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02.
5. WIRES, ITEM 20, TO BE CONNECTED TO SK 5 AS SHOWN IN TABLE.
6. ALL UNUSED WIRES OF ITEM 15 ARE TO BE CUT BACK AT REAR OF SK5.



FROM	TO	LENGTH	FROM	TO	LENGTH
SK5 / A	PWB1 PL1 / 26		SK5 / G		330
SK5 / B	PWB1 PL1 / 25		SK5 / H	FLYING LEAD	460
SK5 / C	PWB1 PL1 / 24		SK5 / J		460
SK5 / D		460	SK5 / K	PWB1 PL1 23	
SK5 / E	FLYING LEAD	200	SK5 / L	FLYING	200
SK5 / F		460	SK5 / M	LEAD	200

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
SUFFIX		X
CHANGE MIND	C	
DRAWING LIST	J	
ITEM LIST	K	X
TEST SPEC	L	
WIRING LIST	N	
CCT DIAGRAM	Z	
SAFETY WARNING	NO	

CHECKED	APPROVED	APPROVED (PROD)	DIMS IN	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES	UNLESS OTHERWISE STATED
LSMITH		ROU	mm					± 10	
DRAWN	TRACED	ISSUED BY	ORIGINAL SCALE						
PD BARTHOLOMEW		JLB	NTS						
		D.O. N.P.							

MARCONI RADAR SYSTEMS LIMITED
CHELMSFORD & LEICESTER ENGLAND

SECURITY CLASSIFICATION

MARCONI DRAWING No.

TITLE
CABLE ASSEMBLY

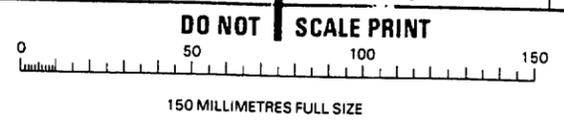
SERVICES DRAWING No.

L-40-7094

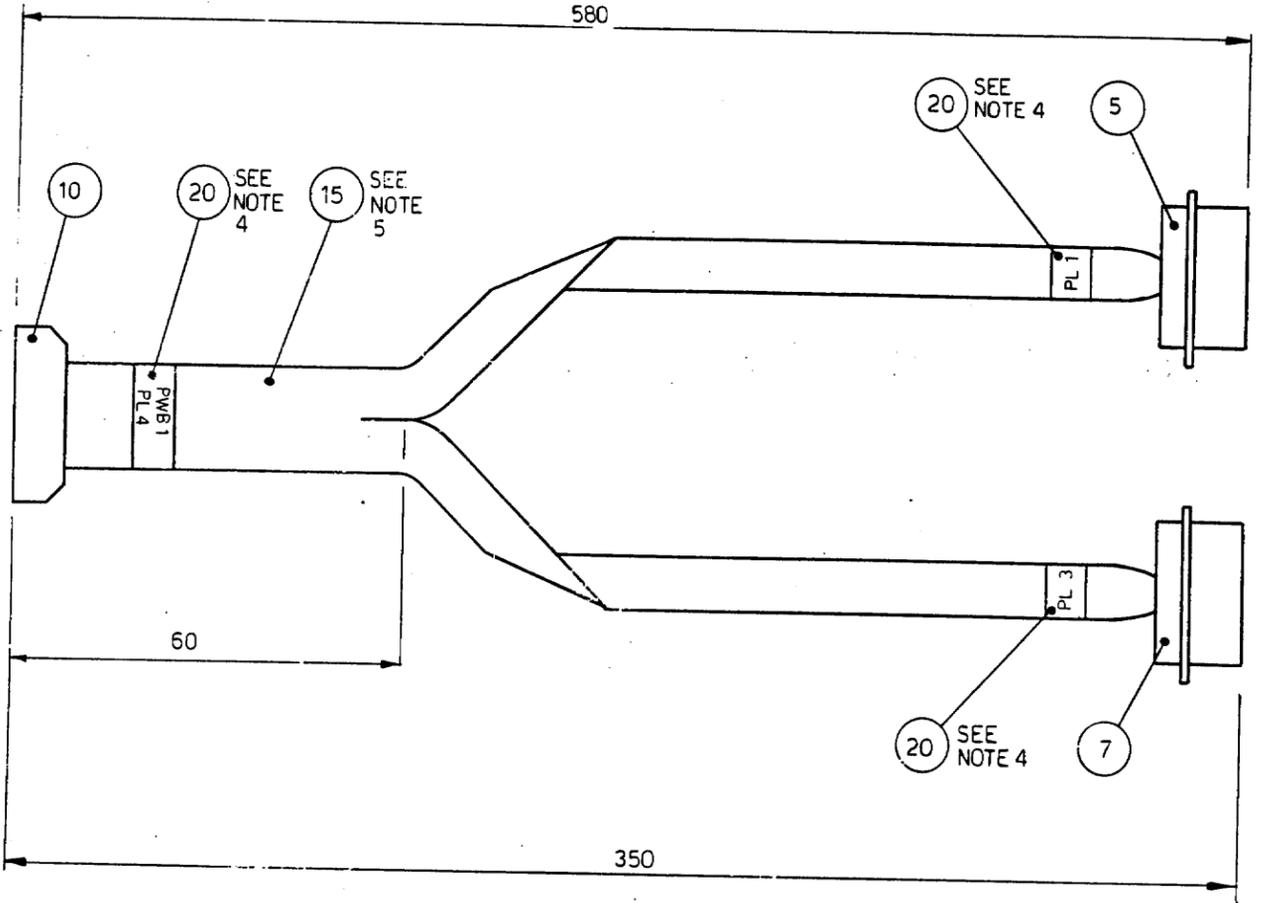
SH No. 1
SH CONTD -
SIZE -

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-40-8953

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8953



- NOTES
1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
 2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 25.
 3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 4. TAPE, ITEM 20, USED FOR LABELS TO BE WRAPPED AROUND 1½ TIMES & MARKED AS SHOWN IN BLACK 4 mm HIGH CHARACTERS IN ACCORDANCE WITH MRP. 700-02.
 5. ALL UNUSED WIRES ARE TO BE CUT BACK AT THE REAR OF PL1 OR PL3.

ISSUE	DATE
A	NCC1/0017 25-10-82

FROM PWB 1 PL 4	TO								
1	PL3 f	11	PL3 a	21	PL3 e	31	PL1 C		
2	PL3 g	12	PL3 Z	22	PL3 d	32	PL1 D		
3	PL3 T					33	PL3 F	43	PL3 A
4	PL3 U					34	PL3 E	44	PL3 B
5	PL3 Y	15	PL3 P	25	PL3 K				
6	PL3 X	16	PL3 N	26	PL3 J				
7	PL3 V	17	PL3 b	27	PL1 A				
8	PL3 W	18	PL3 c	28	PL1 B				
9	PL3 R	19	PL3 L	29	PL3 G	39	PL3 C		
10	PL3 S	20	PL3 M	30	PL3 H	40	PL3 D		

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
SUFFIX	
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 (PROD)	DIMS IN	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES.
<i>J.L.B.</i>		<i>J.L.B.</i>	m m					UNLESS OTHERWISE STATED. SCREW THREADS TO BE ISO METRIC COARSE PITCH MEDIUM CLASS TO BS 3643 PART 2 ±10
DRAWN	TRACED	ISSUED BY	ORIGINAL SCALE					
<i>P.D. Bartholomew</i>		J.L.B. D.O. N.P.	N.T.S.					

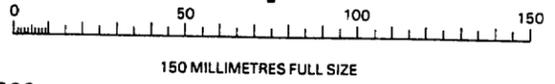
MARCONI RADAR SYSTEMS LIMITED	SECURITY CLASSIFICATION
CHELMSFORD & LEICESTER, ENGLAND	
TITLE	MARCONI DRAWING No.
CABLE ASSEMBLY	L-40-7095
	SERVICES DRAWING No.

SECURITY CLASSIFICATION
 SERVICES DRG. No.
 FIRST USED ON L-40-8953

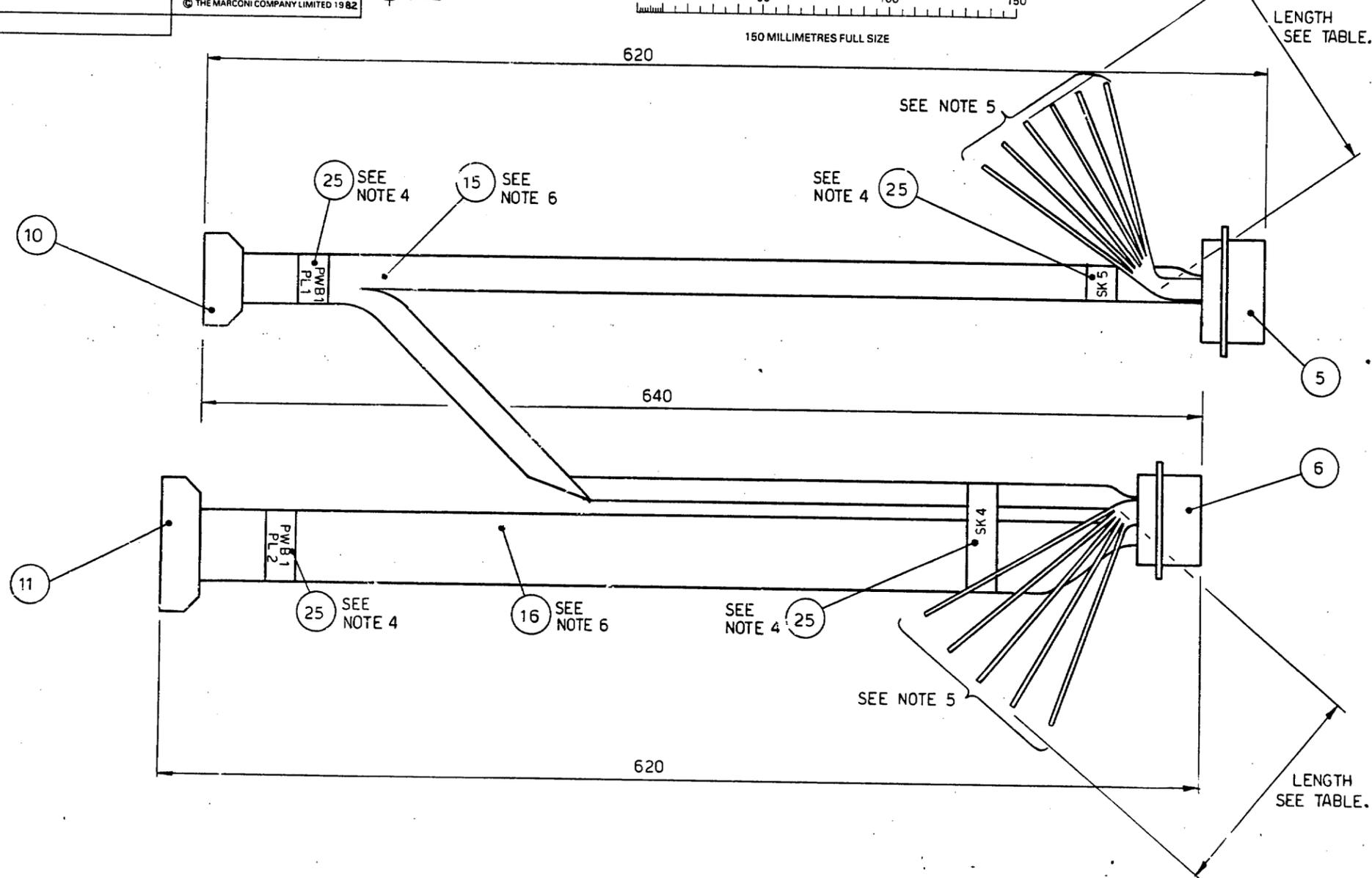
THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY.
 © THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8953



- NOTES
1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
 2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 30.
 3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 4. TAPE, ITEM 25, USED FOR LABELS TO BE WRAPPED AROUND 1½ TIMES & MARKED AS SHOWN IN BLACK 4mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02.
 5. WIRES ITEM 20 TO BE CONNECTED TO SK4 & SK5 AS SHOWN IN TABLE.
 6. ALL UNUSED WIRES ARE TO BE CUT BACK AT REAR OF PL1 & SK5.

ISSUE DATE
 A NCC1/
 0017
 25-10-82

FROM SK 4	TO PWB 1 PL 1	FROM SK 4	TO PWB 1 PL 1	FROM SK 4	TO PWB 1 PL 1	FROM SK 5	TO PWB 1 PL 1	FROM	TO	LENGTH	FROM	TO	LENGTH	FROM	TO	LENGTH
A	26	F	21	L	16	A	12	SK4/P	FLYING LEAD	200	SK4 U		200	SK5 G	FLYING LEAD	450
B	25	G	20	M	15	B	11	SK4/Q	FLYING LEAD	200	SK5 C		350	SK5 H	FLYING LEAD	450
C	24	H	19	N	14			SK4/R	PWB1 PL2/3		SK5 D	FLYING	450			
D	23	J	18	O	13			SK4/S	FLYING LEAD	350	SK5 E	LEADS	450			
E	22	K	17					SK4/T	FLYING LEAD	200	SK5 F		450			

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

CHECKED <i>R.D.</i>	APPROVED	APPROVED (PROD) <i>R.O.</i>	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES. UNLESS OTHERWISE STATED: +10
DRAWN <i>R.D.</i> BARTHOLOMEW	TRACED	ISSUED BY J.L.B. D.O. N.P.	ORIGINAL SCALE N.T.S.					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
TITLE CABLE ASSEMBLY	MARCONI DRAWING No. L-40-7096
	SERVICES DRAWING No.

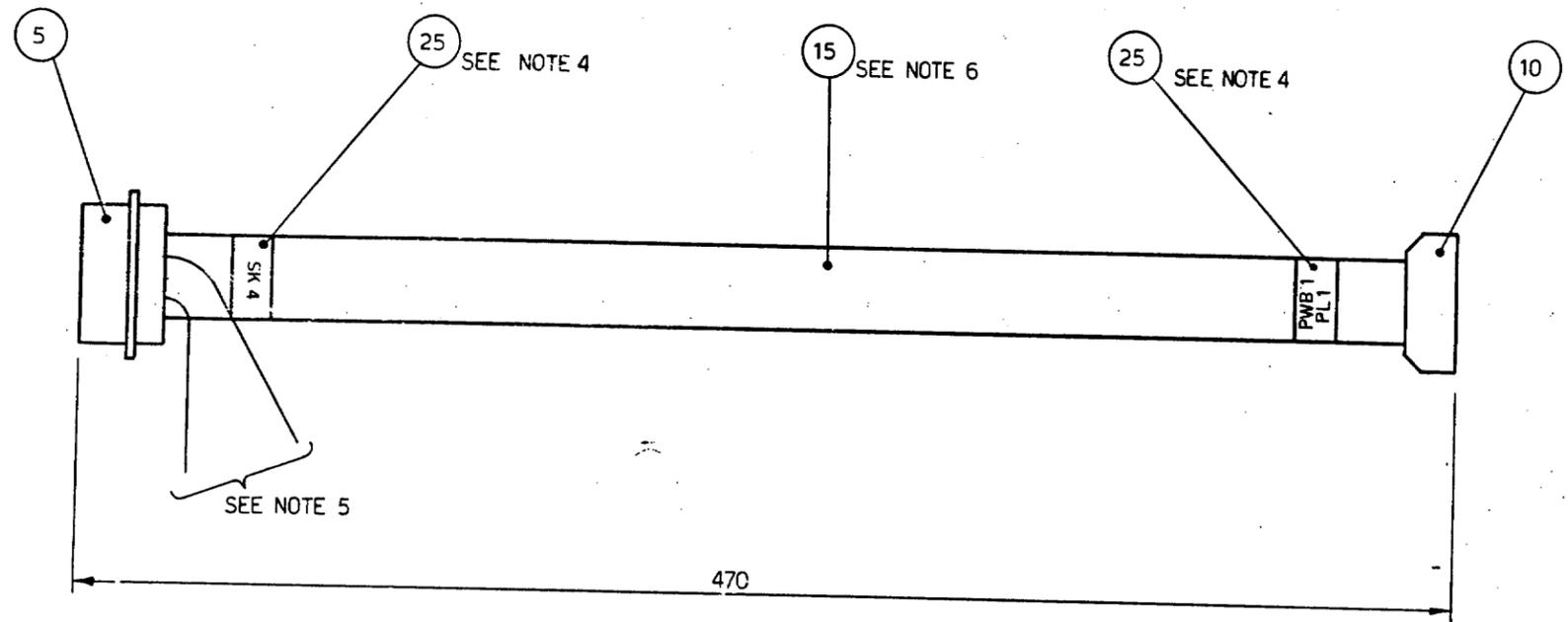
SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-40-8954

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



DO NOT SCALE PRINT
150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8954



- NOTES
1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
 2. SOLDERED CONNECTIONS TO WP 3001 USING ITEM 30.
 3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 4. TAPE, ITEM 25, USED FOR LABELS TO BE WRAPPED AROUND 1½ TIMES & MARKED AS SHOWN IN BLACK 4mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02.
 5. WIRES, ITEM 20, TO BE CONNECTED TO SK 5 AS SHOWN IN TABLE.
 6. ALL UNUSED WIRES ARE TO BE CUT BACK AT REAR OF SK 4.

ISSUE	DATE
A	NCC1/0017 25.10.82

FROM SK 4	TO	LENGTH	FROM SK 4	TO	LENGTH	FROM SK 4	TO	LENGTH
A		26	L		550	V		150
B	PWB1 PL 1	25	M		150	W		150
C		24	N		150	X	FLYING LEAD	150
D	FLYING LEAD	450	O		150	Y		450
E		23	P	FLYING LEAD	150			
F		22	Q		550			
G		21	R		550			
H		550	S		550			
J	FLYING LEAD	550	T		550			
K		550	U		150			

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 WITH RECORD SHEET	C	
DRAWING LIST	J	
ITEM LIST	K	X
TEST SPEC	L	
WIRING LIST	N	
CCT DIAGRAM	Z	
SAFETY WARNING	NO	

CHECKED	APPROVED	APPROVED (PROD)	DIMS IN	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES.
RLK		RDX	mm					± 10
DRAWN	TRACED	ISSUED BY	ORIGINAL SCALE					
DD BARTHOLOMEW		JLB DQ NP	N.T.S.					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER ENGLAND	SECURITY CLASSIFICATION
MARCONI DRAWING No.	SH No 1
L-40-7098	SH CONTD - 5177
CABLE ASSEMBLY	

SECURITY CLASSIFICATION
 SERVICES DRG. No.
 FIRST USED ON L-40-8955

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY.
 © THE MARCONI COMPANY LIMITED 1982

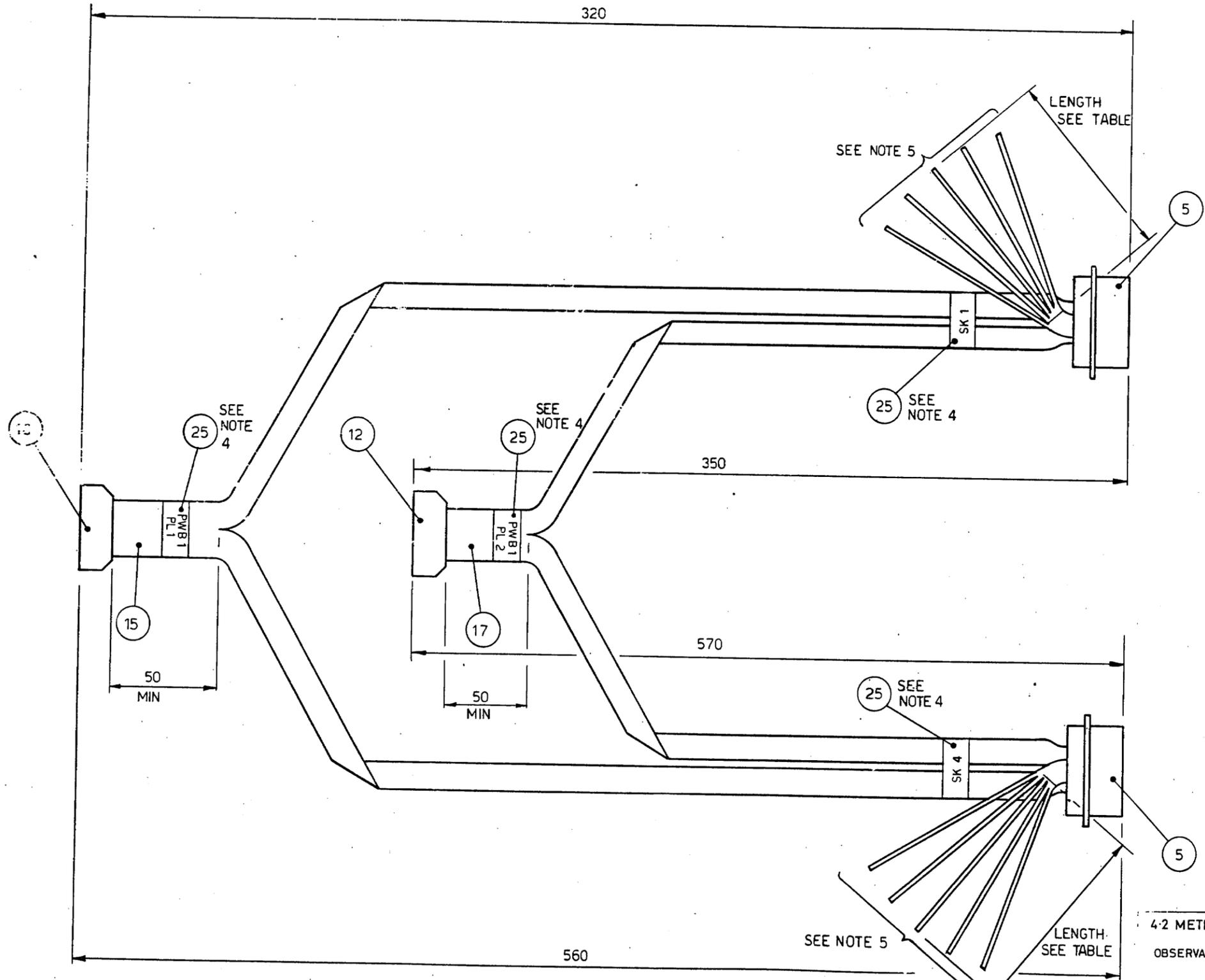


DO NOT SCALE PRINT
 150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8955

- NOTES
1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE (SHT. 2)
 2. SOLDER CONNECTIONS TO WP 3001 USING ITEM 30.
 3. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 4. TAPE ITEM 25 USED FOR LABELS TO BE WRAPPED AROUND 1½ TIMES & MARKED AS SHOWN IN 4 mm HIGH CHARACTERS (BLACK) IN ACC. WITH MRP 700-02.
 5. WIRES ITEM 20 TO BE CONNECTED TO SK1 & SK4 AS SHOWN IN TABLE.
 6. ALL UNUSED WIRES TO BE CUT BACK AT REAR OF SK1 & SK4.

ISSUE	DATE
A	NCC1/0017 25-10-82



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

CHECKED	APPROVED	APPROVED (PROD)	DIMS. IN	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED:
LSmith		ROV	mm					±10
DRAWN	TRACED	ISSUED BY	ORIGINAL SCALE					
P.D. BARTHOLOMEW		JLB	N.T.S.					
		DO NP						

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND		SECURITY CLASSIFICATION	
MARCONI DRAWING No.		SERVICES DRAWING No.	
TITLE CABLE ASSEMBLY		L-40-7099	
HOLE DIAS UP TO 6mm BS 4500 H11 OVER 6mm BS 4500 H13 PUNCH CARD TITLE		SH. No. 1 SH. CONTR. 2 SIZE A1	

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-40-8955

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



DO NOT SCALE PRINT
150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-8955

ISSUE	DATE
A	NCC1/0017 25.10.82
B	NCC1/0017/2 14.12.82
C	CAR022563 1090NCC C/S1 ISS B 30.10.84

FROM PWB 1 PL 1	TO	FROM	TO	LENGTH	FROM	TO	LENGTH								
11	SK1/A	17	SK1/G	23	SK1/N	5	SK4/C	PL1/2	SK4/V	SK1/R					
12	SK1/B	18	SK1/H	24	SK1/O	6	SK4/D	PL1/1	SK1/Y	SK1/S		220	SK4/P		550
13	SK1/C	19	SK1/J	25	SK1/P	7	SK4/E	PL2/3	SK4/Y	SK1/V	FLYING	220	SK4/Q		550
14	SK1/D	20	SK1/K	26	SK1/Q	8	SK4/F	PL2/4	SK4/Z	SK1/W	LEAD	220	SK4/S	FLYING	550
15	SK1/E	21	SK1/L	3	SK4/A	9	SK4/G	PL2/1	SK1/T	SK1/Z		320	SK4/X	LEAD	420
16	SK1/F	22	SK1/M	4	SK4/B	10	SK4/H	PL2/2	SK1/U						

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

CHECKED <i>L.S.H.</i>	APPROVED	APPROVED (PROD)	DIMS IN m m	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED:
DRAWN <i>P.D. BARTHOLOMEW</i>	TRACED	ISSUED BY J.L.B. D.O. N.P.	ORIGINAL SCALE N.T.S.					

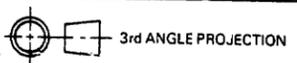
MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND		SECURITY CLASSIFICATION
TITLE CABLE ASSEMBLY		MARCONI DRAWING No. L-40-7099
PUNCH CARD TITLE		SERVICES DRAWING No.

SECURITY CLASSIFICATION

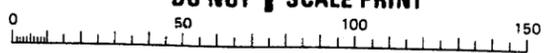
SERVICES DRG. No.

FIRST USED ON

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



DO NOT SCALE PRINT



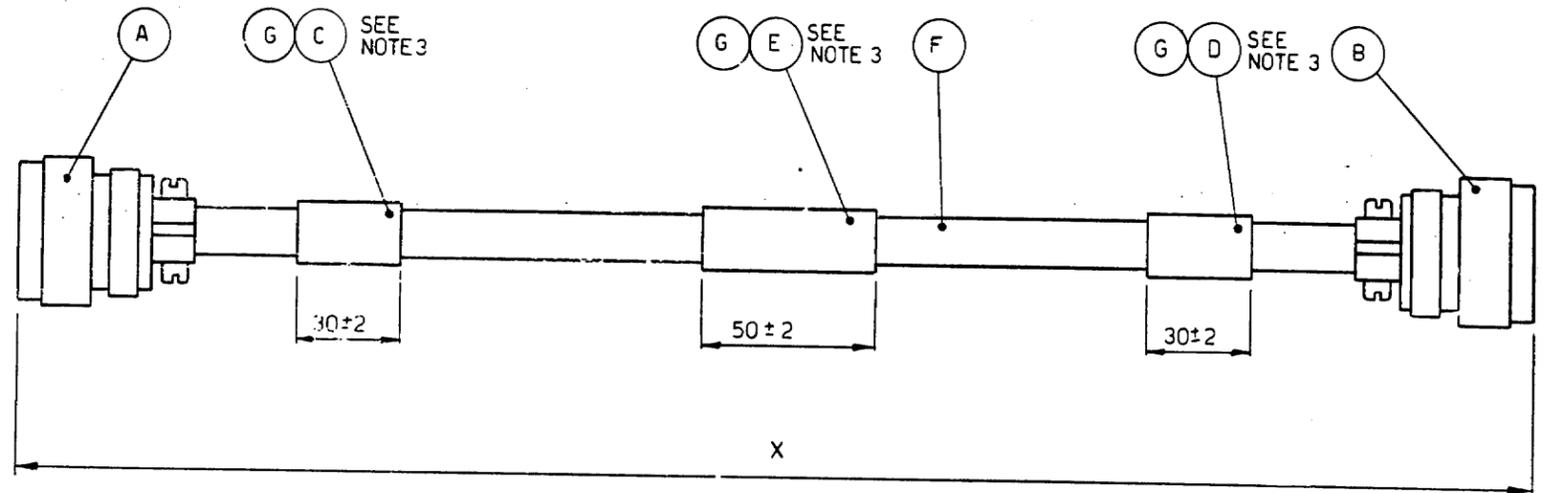
150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

NOTES

1. WIRING TO BE IN PARALLEL E.G. A TO A, B TO B ETC.
2. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
3. ITEMS C,D & E TO BE MARKED AS SHOWN IN TABLE IN BLACK 5mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02 & COVERED USING SLEEVE (ITEM G).
4. ALL SCREENS TO BE CONNECTED TO CONNECTOR 'A' ONLY.
5. CONNECTOR B (ITEM 4) IS A SUGGESTED CONNECTOR ONLY FOR REF06 ONLY.

ISSUE	DATE
A	NCC1/0017 25-10-82
B	EI NCC1/0019 23-5-83



A CONNECTOR ITEM NO	B CONNECTOR ITEM NO	C LABEL ITEM NO	C MARKING	D LABEL ITEM NO	D MARKING	E LABEL ITEM NO	E MARKING	F CABLE ITEM NO	G SLEEVING ITEM NO	X LENGTH	REMARKS	REF
1	4	12	ENA 1888 PL 3	12	SCC 1887 SK 32	12	FOCUS DRIVE	16	11			01
1	4	12	ENC 1890 PL 3	12	SCC 1887 SK 30	12	CASSEGRAIN T/T	16	11			02
1	4	12	ENC 1890 PL 3	12	SCC 1887 SK 31	12	PRIME FOCUS T/T	16	11			03
1	4	12	ENE 1959 PL 3	12	SCC 1887 SK 33	12	MAIN DRIVE AZ.	16	11			04
1	4	12	ENE 1959 PL 3	12	SCC 1887 SK 34	12	MAIN DRIVE ALT.	16	11			05
1	4	12	ENA 1888 PL 6	12	INDICATOR	12	FOCUS DRIVE	16	11		SEE NOTE 5	06
1	4	12	ENF 2002 PL 3	12	SCC 1887	12	DOME DRIVE	16	11			07
1	4	12	ENF 2002 PL 3	12	SCC 1887	12	DOME DRIVE UPPER SHUT	16	11			08
1	4	12	ENF 2002 PL 3	12	SCC 1887	12	DOME DRIVE LOWER SHUT	16	11			09

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

CHECKED <i>[Signature]</i>	APPROVED	APPROVED PROD <i>[Signature]</i>	DIMS mm	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES UNLESS OTHERWISE STATED ±10
DRAWN <i>[Signature]</i>	TRACED	ISSUED BY J.L.B. D.O. N.P.	ORIGINAL SCALE N.T.S.					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND
TITLE CABLE ASSEMBLY
PUNCH CARD TITLE

SECURITY CLASSIFICATION
MARCONI DRAWING No. L-40-7253
SERVICES DRAWING No.

SECURITY CLASSIFICATION
 SERVICES DRG. No.
 FIRST USED ON

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
 © THE MARCONI COMPANY LIMITED 1982

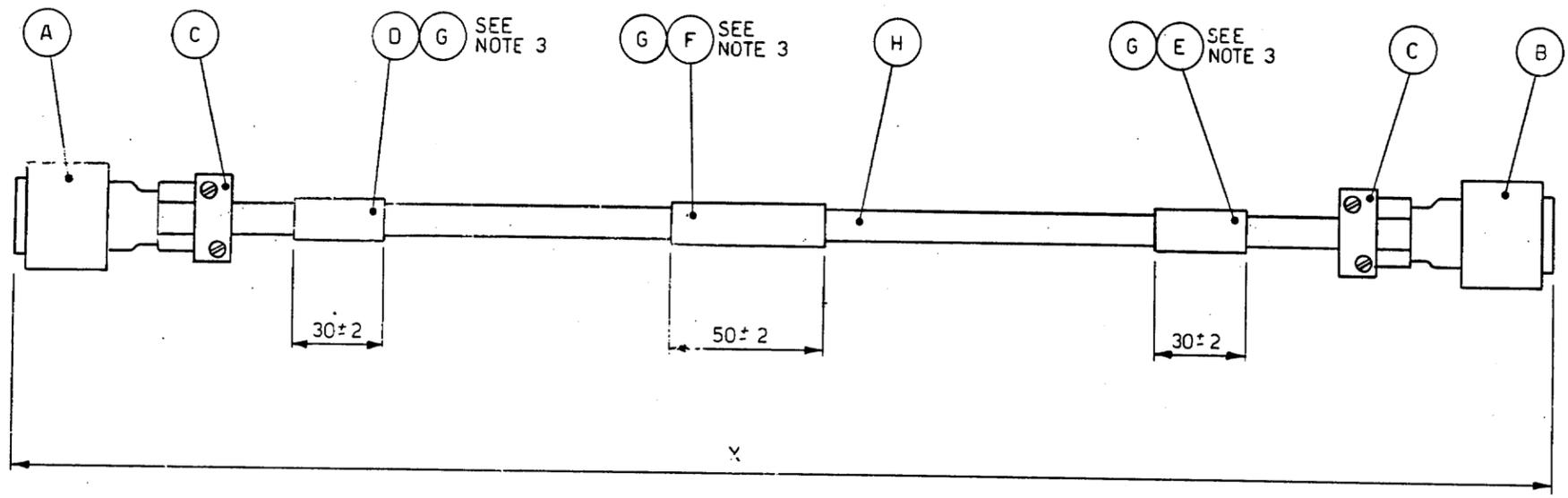


DO NOT SCALE PRINT
 0 50 100 150
 150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

- NOTES
1. WIRING TO BE IN PARALLEL E.G. A TO A, B TO B ETC.
 2. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 3. ITEMS D, E & F TO BE MARKED AS SHOWN IN TABLE IN BLACK 5mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02 & COVER USING SLEEVE (ITEM G)
 4. ALL SCREENS TO BE CONNECTED TO CONNECTOR 'A' ONLY.

ISSUE	DATE
A	NCC1/0017 25-10-82
B	NCC1/0148/1 23-6-83



A	B	C	D		E		F		G	H	X	REMARKS	REF.
CONNECTOR ITEM NO.	CONNECTOR ITEM NO.	CABLE CLAMP ITEM NO.	LABEL ITEM NO.	MARKING	LABEL ITEM NO.	MARKING	LABEL ITEM NO.	MARKING	SLEEVING ITEM NO.	CABLE ITEM NO.	LENGTH		
3	3	10	17	ENE 1959 SK 5	17	SCC 1887 SK 43	17	MAIN DRIVE AZ.	16	21			01
3	3	10	17	ENE 1959 SK 5	17	SCC 1887 SK 44	17	MAIN DRIVE ALT.	16	21			02
5	4	11	17	ENB 1889 PL1	17	SCC 1887 SK 24	17	MAIN DRIVE AZ.	16	22			03
5	4	11	17	ENB 1889 PL1	17	SCC 1887 SK 29	17	MAIN DRIVE ALT.	16	22			04
5	4	11	17	END 1891 PL1	17	SCC 1887 SK 23	17	MAIN DRIVE AZ.	16	22		PACK CABLE UNDERNEATH	05
5	4	11	17	END 1891 PL1	17	SCC 1887 SK 28	17	MAIN DRIVE ALT.	16	22		CABLE CLAMP WITH 2 X 20 mm LENGTHS OF HEAT SHRINK SLEEVING (ITEM 16) BOTH ENDS	06
5	4	11	17	ENC 1890 PL1	17	SCC 1887 SK 13	17	CASSEGRAIN T/T	16	22			07
5	4	11	17	ENC 1890 PL1	17	SCC 1887 SK 18	17	PRIME FOCUS T/T	16	22			08

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

CHECKED <i>R. Mith</i>	APPROVED	APPROVED (PROD.) <i>20</i>	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES. UNLESS OTHERWISE STATED: ±10
DRAWN <i>PP BARTHOLOME</i>	TRACED	ISSUED BY J.L.B. D.O. N.P.	ORIGINAL SCALE N.T.S.					

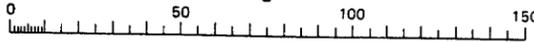
MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND		SECURITY CLASSIFICATION
TITLE CABLE ASSEMBLY		MARCONI DRAWING No. L-40-7254
		SERVICES DRAWING No.

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT

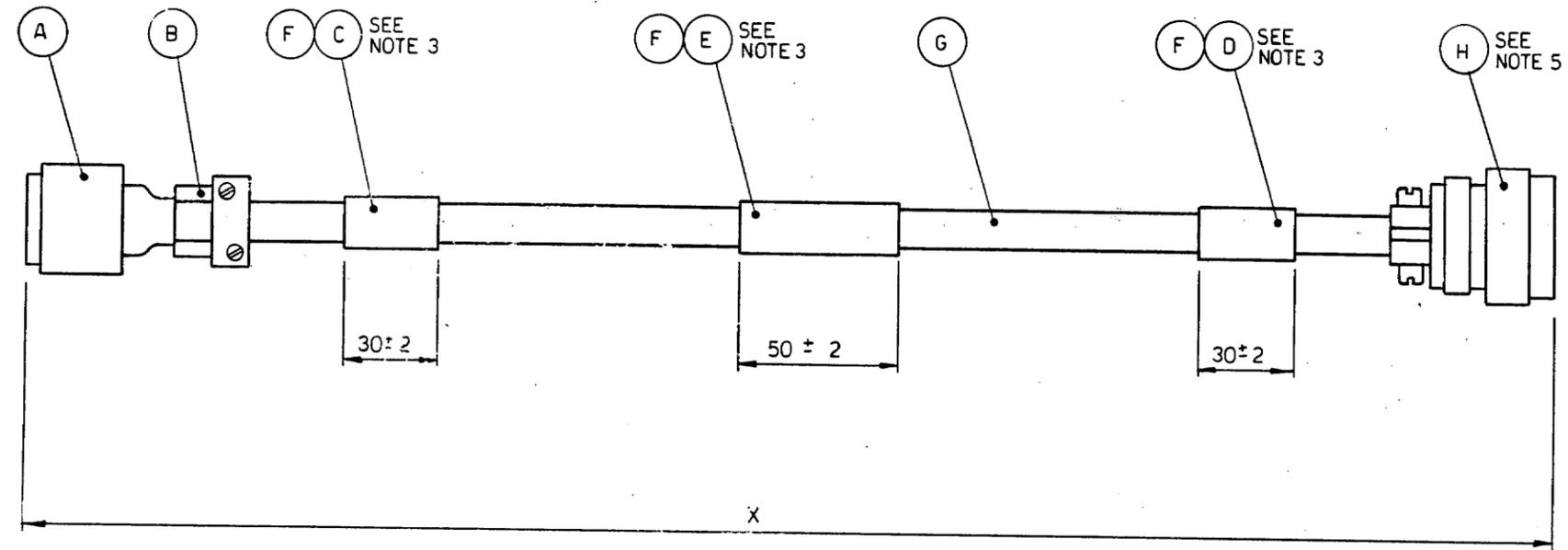


150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

ISSUE	DATE
A	NCC1/0017 25-10-82

- NOTES
1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE.
 2. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 3. ITEMS C, D & E TO BE MARKED AS SHOWN IN TABLE IN BLACK 5mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02 & COVERED USING SLEEVE (ITEM F)
 4. ALL SCREENS TO BE CONNECTED TO CONNECTOR 'A' ONLY.
 5. CONNECTOR, ITEM H, IS MATING CONNECTOR FOR MS 3122E22-55P & IS SUPPLIED WITH ENCODER RI20/100(C)0PZ (SEE LPS 1883)



A	B	C		D		E		F	G	X	REMARKS	REF
CONNECTOR ITEM NO.	CABLE CLAMP ITEM NO.	LABEL ITEM NO.	LABEL MARKING	LABEL ITEM NO.	LABEL MARKING	LABEL ITEM NO.	LABEL MARKING	SLEEVING ITEM NO.	CABLE ITEM NO.	LENGTH		
3	8	14	END 1891 SK 4	14	ENCODER RI 20/100	14	MAIN DRIVE AZ.	13	19			01
3	8	14	END 1891 SK 4	14	ENCODER RI 20/100	14	MAIN DRIVE ALT.	13	19			02

CON ^r TOR A PIN	CON ^r TOR H PIN	CON ^r TOR A PIN	CON ^r TOR H PIN	CON ^r TOR A PIN	CON ^r TOR H PIN	CON ^r TOR A PIN	CON ^r TOR H PIN	CON ^r TOR A PIN	CON ^r TOR H PIN	CON ^r TOR A PIN	CON ^r TOR H PIN
A	A	J	L		X	T	h		t	Z	DD
B	B	K	M		Y	U	i		u		EE
C	C	L	N		Z	V	j		v		FF
D	D	M	P		a	W	k		w		GG
E	E	N	R		b	X	m		x		HH
F	F	O	S		c		n		y		
G	G	P	T		d		p		z		
	H		U	Q	e		q		AA		
	J		V	R	f		r		BB		
H	K		W	S	g		s	Y	CC		

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

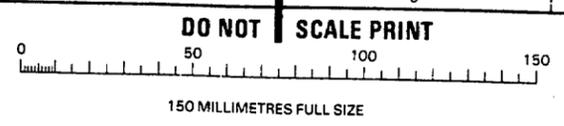
ASSOCIATED ITEMS AVAILABLE FOR THIS DRAWING	MARK X
SUFFIX	
CHANGE MOD RECORD SH	C
DRAWING LIST	J
ITEM LIST	K X
TEST SPEC.	L
WIRING LIST	N
CCT DIAGRAM	Z
SAFETY WARNING	NO

CHECKED	APPROVED	APPROVED (PROD)	DIMS. IN	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED
<i>Smith</i>		<i>PD</i>	mm					±10
DRAWN <i>PD BARTHOLOMEW</i>	TRACED	ISSUED BY JLB DO NP	ORIGINAL SCALE NTS					

MARCONI RADAR SYSTEMS LIMITED	SECURITY CLASSIFICATION
CHELMSFORD & LEICESTER, ENGLAND	
MARCONI DRAWING No.	SH No. 9
TITLE CABLE ASSEMBLY	SH CONTR. SIZE
SERVICES DRAWING No. L-40-7255	

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON

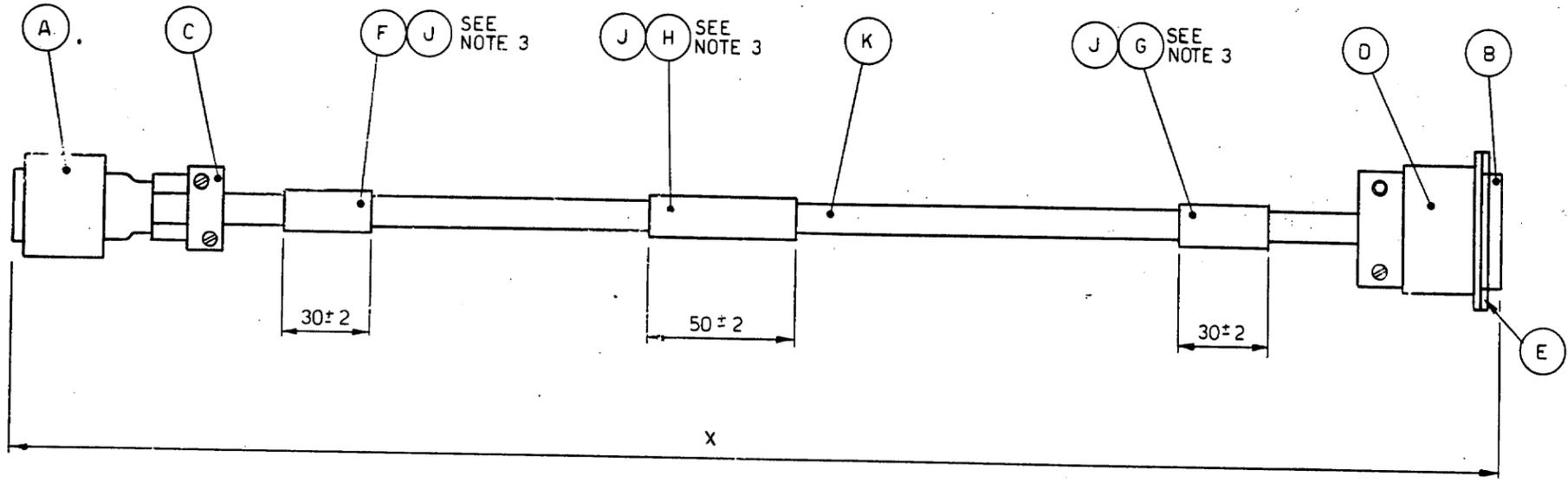
THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

ISSUE	DATE
A	NCC1/0017 25-10-82
B	EI NCC1/0019 23-5-83

- NOTES
1. WIRING CONNECTIONS TO BE IN ACCORDANCE WITH TABLE (SEE SH.2)
 2. CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 3. ITEMS F,G & H TO BE MARKED AS SHOWN IN TABLE IN BLACK 5mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02 & COVER USING SLEEVING (ITEM J)
 4. ALL SCREENS TO BE CONNECTED TO CONNECTOR 'A' ONLY.



A	B	C	D	E	F	G	H	J	K	X	REMARKS	REF
CONNECTOR ITEM NO.	CONNECTOR ITEM NO.	CABLE CLAMP ITEM NO.	SHELL ITEM NO.	SLIDE ITEM NO.	LABEL ITEM & MARKING	LABEL ITEM & MARKING	LABEL ITEM & MARKING	SLEEVING ITEM NO.	CABLE ITEM NO.	LENGTH		
3	10	17	23	30	35 ENA 1888 SK 4	35 ENCODER SBD 104	35 FOCUS DRIVE	34	42		LINK PINS 32 & 36 & 33 & 35 TOGETHER USING ITEM 47.	01
4	8	16	21	28	35 ENB 1889 SK 5	35 ENCODER RI 17/35	35 MAIN DRIVE ALT	34	43			02
4	8	16	21	28	35 ENB 1889 SK 5	35 ENCODER RI 17/35	35 MAIN DRIVE AZ	34	43			03
4	9	16	22	29	35 ENC 1890 SK 5	35 ENCODER 5VN 279D	35 CASSEGRAIN T/T	34	43			04
4	9	16	22	29	35 ENC 1890 SK 5	35 ENCODER 5VN 279D	35 PRIME FOCUS T/T	34	43		LINK PINS 16&17 & 18 & 19 TOGETHER USING ITEM 47.	05
3	9	17	22	29	35 ENE 1959 SK 1	35 ENCODER 5V 682 TGB	35 MAIN DRIVE AZ	34	42			06
3	9	17	22	29	35 ENE 1959 SK 1	35 ENCODER 5V 682 TGB	35 MAIN DRIVE ALT	34	42		LINK PINS 17&22 & 18 & 21 TOGETHER USING ITEM 47.	07
3	9	17	22	29	35 ENE 1959 SK 4	35 ENCODER 5VN219BGL	35 MAIN DRIVE AZ	34	42			08
3	9	17	22	29	35 ENE 1959 SK 4	35 ENCODER 5VN219BGL	35 MAIN DRIVE ALT	34	42			09
3	9	17	22	29	35 ENF 2002 SK1	35 ENCODER 5V 87 BEL	35 DOME DRIVE	34	42			10
3	9	17	22	29	35 ENF 2002 SK1	35 ENCODER 5V 87 BEL	35 DOME DRIVE UPPER SHUT	34	42		LINK PINS 16&17&18 & 19 TOGETHER USING ITEM 47.	11
3	9	17	22	29	35 ENF 2002 SK1	35 ENCODER 5V 87 BEL	35 DOME DRIVE LOWER SHUT	34	42			12

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

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

CHECKED: *[Signature]* APPROVED: *[Signature]* APPROVED (PROD): *[Signature]* DIMS. IN: mm MATERIAL: MARCONI SPEC. FINISH: MARCONI SPEC. TOLERANCES: ±10 UNLESS OTHERWISE STATED, SCREW THREADS TO BE ISO METRIC COARSE PITCH, MEDIUM CLASS TO BS 3643, PART 2

DRAWN: *[Signature]* TRACED: *[Signature]* ISSUED BY: J.L.B. D.O. N.P. ORIGINAL SCALE: N.T.S.

MARCONI RADAR SYSTEMS LIMITED
CHELMSFORD & LEICESTER, ENGLAND

TITLE: **CABLE ASSEMBLY**

SECURITY CLASSIFICATION

MARCONI DRAWING No. **L-40-7256**

SERVICES DRAWING No.

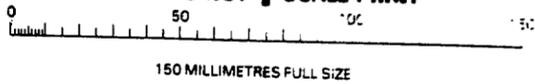
SR No. 1
SR CONTD. 2
SIZE A1

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



DO NOT SCALE PRINT



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

NOTES

ISSUE	DATE
A	NCC1/0017 25-10-82
B	EI NCC1 /0019 25-5-83

REF 01	
CON'TOR ITEM NO.10 PIN NO.	CON'TOR ITEM NO.3 PIN NO.
1	A
2	B
3	C
4	D
5	E
6	F
7	G
8	H
9	J
10	K
11	L
12	M
13	N
14	O
15	P
16	Q
17	R
18	S
19	T
20	U
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	V
33	W
34	X
35	Y
36	Z
37	

REF'S02&03	
CON'TOR ITEM NO. 8 PIN NO.	CON'TOR ITEM NO.4 PIN NO.
1	A
2	B
3	C
4	D
5	E
6	F
7	G
8	
9	
10	H
11	J
12	K
13	L
14	M
15	

REF'S04 & 05	
CON'TOR ITEM NO.9 PIN NO.	CON'TOR ITEM NO.4 PIN NO.
1	A
2	B
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	C
16	D
17	E
18	F
19	G
20	
21	J
22	K
23	H
24	L
25	M

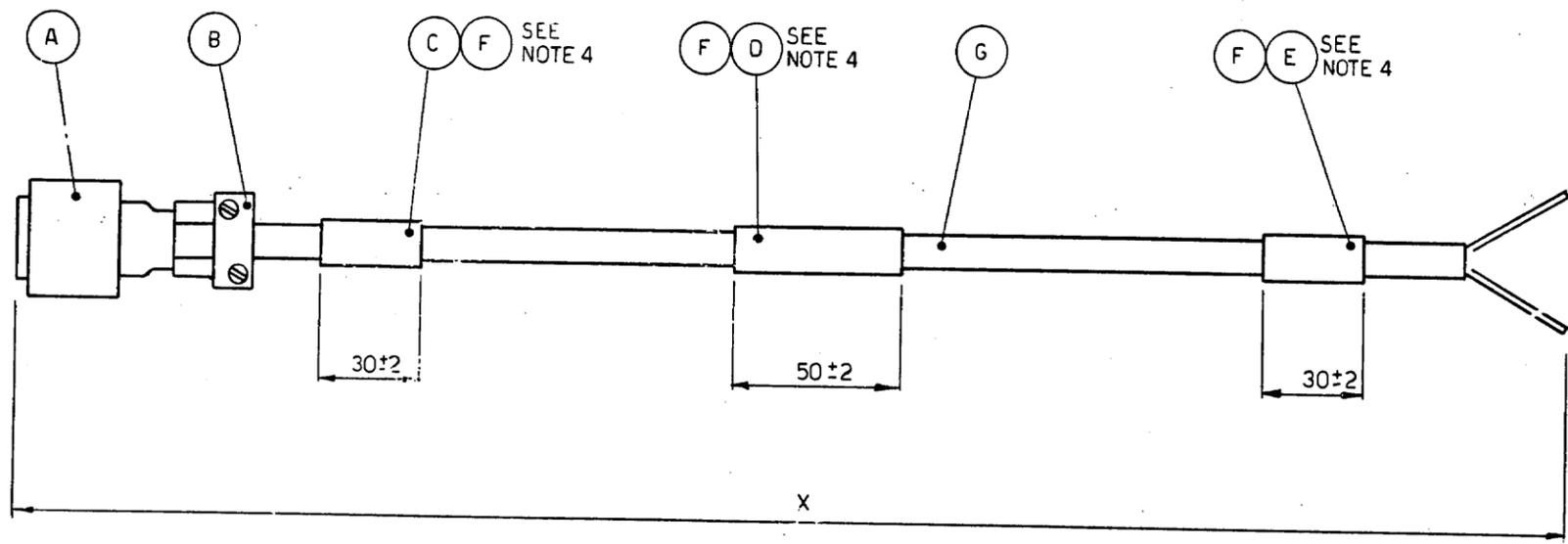
REF'S 06,07,08, 09,10,11&12	
CON'TOR ITEM NO.3 PIN NO.	CON'TOR ITEM NO.3 PIN NO.
1	A
2	B
3	C
4	D
5	E
6	F
7	G
8	H
9	J
10	K
11	L
12	M
13	N
14	O
15	P
16	Q
17	R
18	S
19	T
20	U
21	V
22	W
23	X
24	Y
25	Z

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 RECORD SH	C	
DRAWING LIST	J	
ITEM LIST	K	X
TEST SPEC	L	
WRING LIST	N	
CCT DIAGRAM	Z	
SAFETY WARNING		NO

CHECKED <i>LD Smith</i>	APPROVED	APPROVED (PROD)	DIMS. IN	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES UNLESS OTHERWISE STATED
DRAWN <i>PD</i>	TRACED	ISSUED BY JLB	ORIGINAL SCALE					
		DO NP						

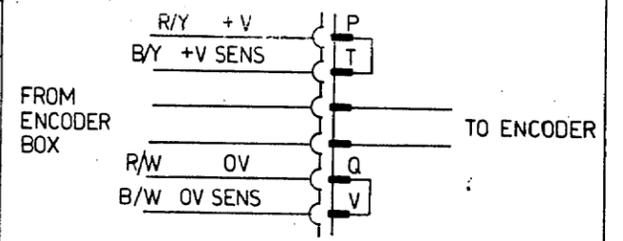
MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
TITLE CABLE ASSEMBLY	MARCONI DRAWING No. L-40-7256
	SERVICES DRAWING No.



REFS 1&02		REFS 03T011					
PIN	FREE WIRE COLOUR	ENCODER WIRE COLOUR	PIN	FREE WIRE COLOUR	ENCODER WIRE COLOUR	PIN	COLOUR
A	R	BK	O	R/GN		A	B
B	B	R	P	R/Y	R/Y	B	GN
C	G	O	Q	R/W	BK/Y	C	R
D	Y	Y	R	R/BK	BN/Y		
E	W	G	S	R/BN	GN/W		
F	BK	B	T	B/Y			
G	BN	V	U	B/W			
H	V	GY	V	B/BK			
J	O	R/BK	W	B/O			
K	P	O/BK	X	G/Y			
L	T	G/BK	Y	G/W			
M	GY	B/BK	Z	G/O			
N	R/B	V/BK					

- CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
- ITEMS C,D&E TO BE MARKED AS SHOWN IN TABLE IN BLACK 5mm HIGH CHARACTERS IN ACCORDANCE WITH MRP 700-02 & COVER USING SLEEVE (ITEM F)
- ALL SCREENS TO BE CONNECTED TO CONNECTOR 'A'.
- THIS CABLE COULD BE TERMINATED WITH A CONNECTOR TYPE SB4-BL-25 SEO. THE ENCODER, WHICH IS SUPPLIED WITH FLYING LEADS, SHOULD BE FITTED WITH AN IN-LINE CONNECTOR SB4-BL-25 PEO.
- CONNECT PINS OF THE IN LINE CONNECTOR P (FREE WIRE COL'R R/Y) TO T (FREE WIRE COL'R B/Y) Q (FREE WIRE COL'R R/W) TO V (FREE WIRE COL'R B/W) E.G.

A	B	C	E	D	F	G	X	REMARKS	REF.
CONNECTOR ITEM NO.	CABLE CLAMP ITEM NO.	LABEL ITEM NO. & MARKING	LABEL ITEM NO. & MARKING	LABEL ITEM NO. & MARKING	SLEEVING ITEM NO.	CABLE ITEM NO.	LENGTH		
4	10	18 ENC 1890 SK 4	18 ENCODER 23DU 158	18 CASSEGRAIN T/T	17	24		SEE NOTE 5 & 6	01
4	10	18 ENC 1890 SK 4	18 ENCODER 23DU 158	18 PRIME FOCUS T/T	17	24		SEE NOTE 5 & 6	02
3	9	16 ENA 1888 PL 2	16 POWER SUPPLY	16 FOCUS DRIVE	15	23			03
3	9	16 ENB 1889 PL 2	16 POWER SUPPLY	16 MAIN DRIVE AZ.	15	23			04
3	9	16 ENB 1889 PL 2	16 POWER SUPPLY	16 MAIN DRIVE ALT.	15	23			05
3	9	16 ENC 1890 PL 2	16 POWER SUPPLY	16 CASSEGRAIN T/T	15	23			06
3	9	16 ENC 1890 PL 2	16 POWER SUPPLY	16 PRIME FOCUS T/T	15	23			07
3	9	16 END 1891 PL 2	16 POWER SUPPLY	16 MAIN DRIVE AZ.	15	23			08
3	9	16 END 1891 PL 2	16 POWER SUPPLY	16 MAIN DRIVE ALT.	15	23			09
3	9	16 ENE 1959 PL 2	16 POWER SUPPLY	16 MAIN DRIVE AZ.	15	23			10
3	9	16 ENE 1959 PL 2	16 POWER SUPPLY	16 MAIN DRIVE ALT.	15	23			11



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

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

CHECKED: *R. Smith* APPROVED: *RO* APPROVED (PROD): *RO* DIMS. IN: mm MATERIAL: MARCONI SPEC. FINISH: MARCONI SPEC. TOLERANCES: ± 10

DRAWN: *P.D. Bartholomew* TRACED: ISSUED BY: J.L.B. C.D.O. N.P. ORIGINAL SCALE: N.T.S.

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

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND

SECURITY CLASSIFICATION

MARCONI DRAWING No. L-40-7257

SERVICES DRAWING No.

SIZE A2

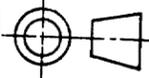
SECURITY CLASSIFICATION

SERVICES' DRG. No.

FIRST USED ON

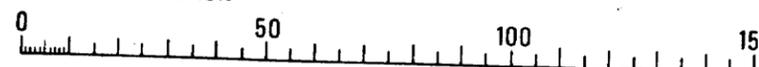
THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY.

© THE MARCONI COMPANY LIMITED 1983



3RD ANGLE PROJECTION

DO NOT SCALE PRINT



150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

NOTES

ISSUE

DATE

A

NCC1
/0019
23-5-83

A CONNECTOR ITEM No	B CABLE CLAMP ITEM No	C LABEL ITEM No & MARKING	E LABEL ITEM No & MARKING	D LABEL ITEM No & MARKING	F SLEEVING ITEM No	G CABLE ITEM No	X LENGTH	REMARKS	REF
3	9	16 ENF 2002 PL 2	16 POWER SUPPLY	16 DOME DRIVE	15	23			
3	9	16 ENF 2002 PL 2	16 POWER SUPPLY	16 DOME DRIVE UPPER SHUT	15	23			12
3	9	16 ENF 2002 PL 2	16 POWER SUPPLY	16 DOME DRIVE LOWER SHUT	15	23			13
									14

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
SUFFIX		
CHANGE MOD RECORD SH.	C	
DRAWING LIST	J	
ITEM LIST	K	
TEST SPEC.	L	
WIRING LIST	N	
CCT DIAGRAM	Z	
THE ITEMS DEPICTED HAVE BEEN SCRUTINISED FOR KNOWN SAFETY HAZARDS.		

APPROVED	ISSUED BY JLB CDO. NP
CHECKED D.T. GILL	APPROVED (PROD)
DRAWN H PICKLES	DIM. IN mm
TRACED	ORIGINAL SCALE

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

MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC
----------	--------------	--------	--------------

TOLERANCES, UNLESS OTHERWISE STATED

±10

HOLE DIAS. UP TO 6mm INCL. BS4500 H11
OVER 6mm BS4500 H13

Marconi Radar Systems
CHELMSFORD & LEICESTER, ENGLAND

TITLE

CABLE ASSEMBLY

PUNCH CARD TITLE

SECURITY CLASSIFICATION

MARCONI DRAWING No.

L-40-7257

SERVICES DRAWING No.

SH. No. 2
SH. CONFD.
SIZE

SECURITY CLASSIFICATION

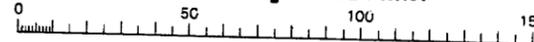
SERVICES DRG. No.

FIRST USED ON L-45-1754 & L-45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT



150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-40-7317

NOTES

- 1 WIRING TO BE IN ACCORDANCE WITH TABLE 2
- 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSY.
- 3 ITEMS C & D TO BE MARKED AS SHOWN IN TABLE 1 IN 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING (ITEM D).

ISSUE DATE
A E10057
22-11-82

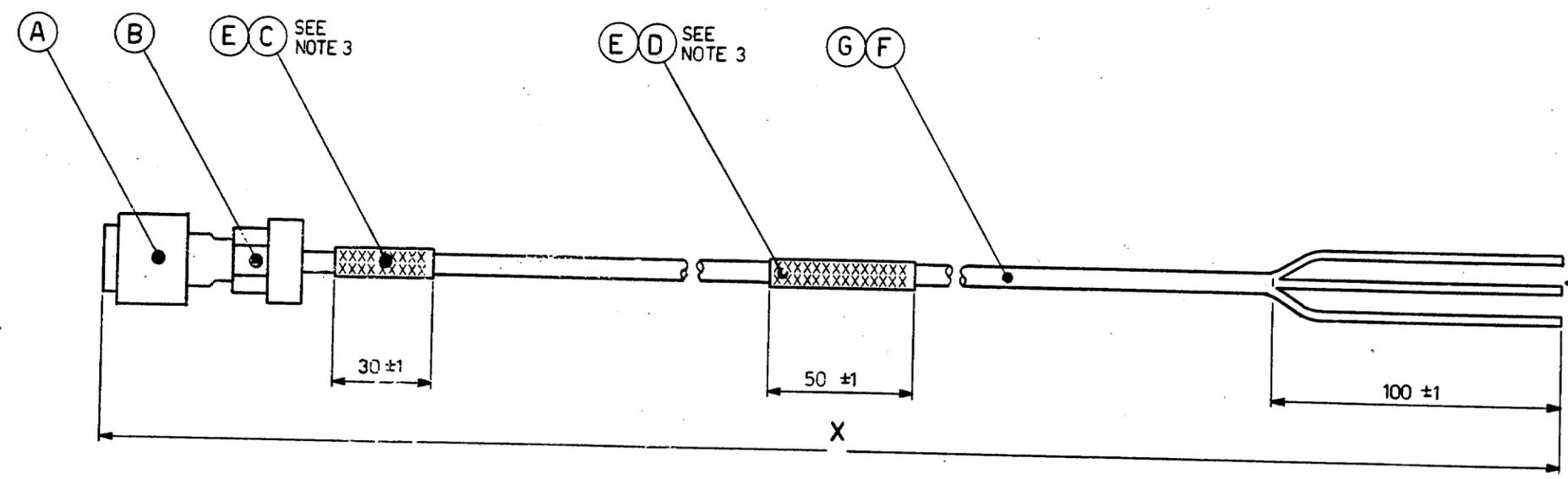


TABLE 1

A	B	C	D	E	F	G	X			
CONNECTOR ITEM N°	CABLE CLAMP ITEM N°	LABEL (SLEEVING) ITEM N° & MARKING	LABEL (SLEEVING) ITEM N° & MARKING	SLEEVING ITEM N°	CABLE ITEM N°	SLEEVING ITEM N°	LENGTH	CABINET CODE	REMARKS	REF
4	22	39 SCC1887 PL1	39 240V SUPPLY	38	52	---		SCC1887		01
9	20	36 SCC1887 SK2	36 EM STOP	35	49	---		SCC1887		02
9	20	36 SCC1887 SK3	36 LIMIT SW2	35	49	---		SCC1887		03
11	19	39 SCC1887 SK4	39 REMOTE ON	38	50	---		SCC1887		04
10	20	36 SCC1887 SK5	36 BRAKES 2 ALT	35	49	---		SCC1887		05
10	20	36 SCC1887 SK6	36 BRAKES 1 ALT	35	49	---		SCC1887		06
10	20	36 SCC1887 SK7	36 BRAKES 2 AZ	35	49	---		SCC1887		07
10	20	36 SCC1887 SK8	36 BRAKES 1 AZ	35	49	---		SCC1887		08
10	20	36 SCC1887 SK9	36 HAND SW	35	49	---		SCC1887		09
10	20	36 SCC1887 SK10	36 HAND SW	35	49	---		SCC1887		10
9	20	36 SCC1887 SK49	36 INS BRAKES	35	48	---		SCC1887		11
9	20	36 SCC1887 SK50	36 INS BRAKES	35	48	---		SCC1887		12
9	20	36 SCC1887 SK51	36 INS BRAKES	35	48	---		SCC1887		13
4	22	39 PAC1910 PL1	39 240V SUPPLY	38	52	---		PAC1910		14

TABLE 2

WIRE ITEM N°	PIN N° - WIRE COLOUR / STRIP COLOUR
48	A-BN; B-B
49	A-R; B-B
50	A-BK; B-R; C-Y; D-G; E-B; F-WH
51	A-BN; B-B
52	A-BK; B-BN; C-B; D-G/Y
60	A-BK; B-BN; C-R; D-O; E-Y; F-G; G-B; H-V; J-GY; K-WH; L-PK
68	A-R; B-Y; C-G; D-B
69	A-GY; B-WH; G-C; O-G; D-TQ; E-PK; F-R/B; G-G; H-Y/G; J-Y; K-O; L-G/R; M-R; N-O/B; O-W; P-V; Q-Y/R; R-B; S-B/BK; T-BK; U-BN; V-W/R; W-R/BN; X-W/B; Y-R/BK; Z-Y/B

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

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

CHECKED	APPROVED	APPROVED (PROD)	DIMS. IN	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES.	UNLESS OTHERWISE STATED.
			mm					+25 -0	
DRAWN	TRACED	ISSUED BY	ORIGINAL SCALE						
H. J. Sedgwick		D SMITH CONTROL D.O LEICESTER	1:1						

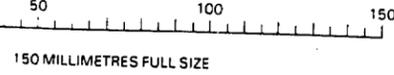
MARCONI RADAR SYSTEMS LIMITED		SECURITY CLASSIFICATION
CHELMSFORD & LEICESTER, ENGLAND		
MARCONI DRAWING No.		
TITLE SCC1887 & PAC1910		L-40-7317
SERVICES DRAWING No.		
DR. No. 1	SR. CONTR. 2	SIZE A1

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L- 45-1754 & L- 45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



DO NOT SCALE PRINT



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L- 40-7317

TABLE 1 CONT :-

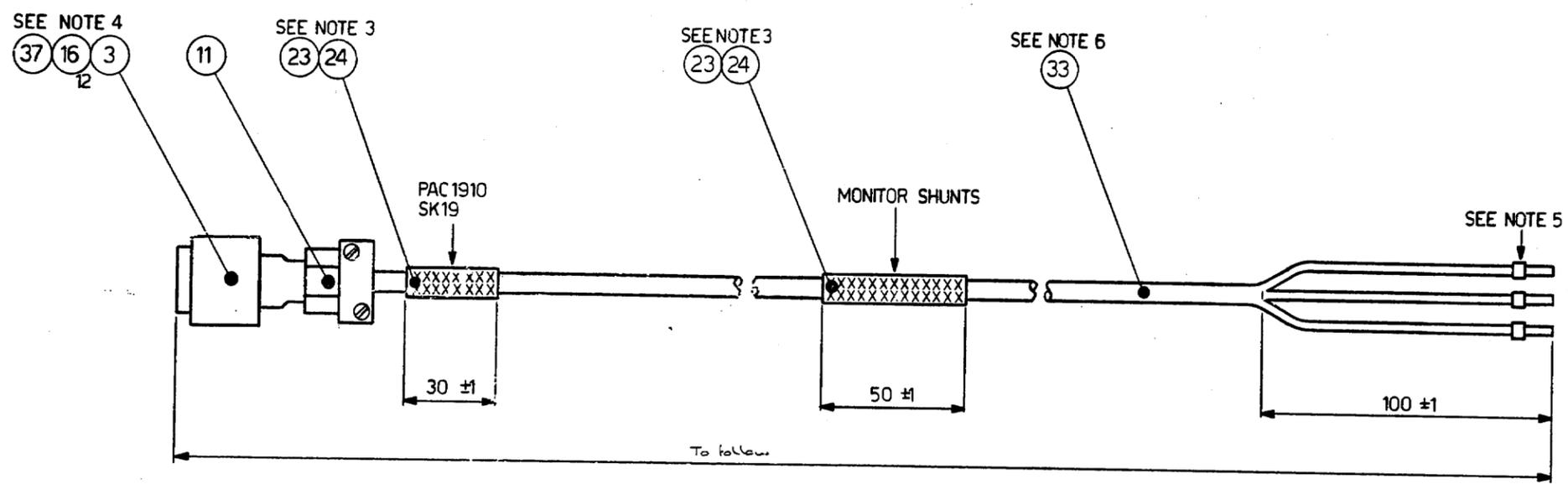
A CONNECTOR ITEM N°	B CABLE CLAMP ITEM N°	C LABEL (SLEEVING) ITEM N° & MARKING	D LABEL (SLEEVING) ITEM N° & MARKING	E SLEEVING ITEM N°	F CABLE ITEM N°	G SLEEVING ITEM N°	X LENGTH	CABINET CODE	REMARKS	REF	
3	22	44 PAC 1910 PL2	44 415V SUPPLY	43	58	—		PAC 1910	ALL SCREENS TO BE CONNECTED TO CONNECTOR SHELL.	15	
9	16	44 PAC 1910 SK9	44 O/P ALT	43	64	42		PAC 1910		16	
9	16	44 PAC 1910 SK10	44 O/P ALT	43	64	42		PAC 1910		17	
9	16	44 PAC 1910 SK11	44 O/P AZ	43	64	42		PAC 1910		18	
9	16	44 PAC 1910 SK12	44 O/P AZ	43	64	42		PAC 1910		19	
9	19	44 PAC 1910 SK13	44 O/P PFD	43	51	—		PAC 1910		20	
9	19	44 PAC 1910 SK14	44 O/P PFTT	43	51	—		PAC 1910		21	
9	19	44 PAC 1910 SK15	44 O/P CTT	43	51	—		PAC 1910		22	
9	19	44 PAC 1910 SK16	44 O/P CW	43	51	—		PAC 1910		23	
9	20	36 PAC 1910 SK17	36 EXT CON HEAT	35	49	—		PAC 1910		24	
12	22	44 PAC 1910 SK18	44 FAULT ALT	43	60	—		PAC 1910		1 CORE OF CABLE (ITEM 60) NOT TO BE CONNECTED. SCREENS TO BE CONNECTED TOGETHER AND CONNECTED TO PIN M USING SOLDER SLEEVES (ITEM 27) AND WIRE (ITEM 54)	25
12	22	44 PAC 1910 SK20	44 FAULT AZ	43	60	—		PAC 1910			26
13	17	44 SCC 1887 SK11	44 CTT DEMAND	43	69	—		SCC 1887		ALL SCREENS TO BE CONNECTED TO CONNECTOR SHELL.	27
13	17	44 SCC 1887 SK14	44 CW DEMAND FROM (CC)	43	69	—		SCC 1887			28
13	17	44 SCC 1887 SK16	44 PFTT DEMAND FROM (CC)	43	69	—		SCC 1887			29
13	17	44 SCC 1887 SK19	44 FD DEMAND FROM (CC)	43	69	—		SCC 1887	30		
13	17	44 SCC 1887 SK20	44 AZ DEMAND FROM (CC)	43	69	—		SCC 1887	31		
13	17	44 SCC 1887 SK25	44 ALT DEMAND FROM (CC)	43	69	—		SCC 1887	32		
9	20	39 SCC 1887 SK53	39 TROLLEY LATCH	38	49	—		SCC 1887	33		

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

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

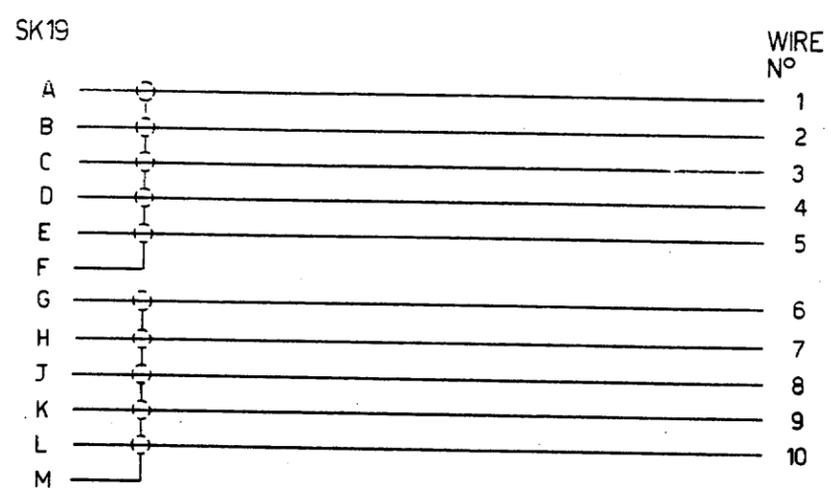
CHECKED	APPROVED	APPROVED PROD.	DIMS IN	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES	MARCONI SPEC
DRAWN	TRACED	ISSUED BY	ORIGINAL SCALE						
K J		D SMITH							
		CONTROL D O							
		LEICESTER							

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND		SECURITY CLASSIFICATION
MARCONI DRAWING No.		SH No. 2
TITLE SCC1887 & PAC1910 CABLE ASSEMBLY		SH CONTS
SERVICES DRAWING No.		SIZE
PUNCH CARD TITLE		



- NOTES
- 1 WIRING TO BE IN ACCORDANCE WITH CONNECTION DIAGRAM.
 - 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 - 3 ITEM 24 TO BE MARKED AS SHOWN WITH 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING (ITEM 23).
 - 4 SCREEN CONNECTIONS TO BE MADE USING SOLDER SLEEVE (ITEM 16) AND WIRE (ITEM 37).
 - 5 FLYING LEAD END OF WIRE TO HAVE MARKER SLEEVES FITTED AS SHOWN. SELECT SLEEVES OUT OF PH 70551 AND FIT TO READ AWAY FROM END OF WIRE.
 - 6 2 CORES OF CABLE, (ITEM 33) TO BE CUT BACK AND NOT USED.

ISSUE DATE: A EI 0057 21-1-82



CONNECTED DIAGRAM

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

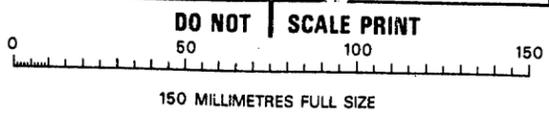
CHECKED	APPROVED	APPROVED (PROD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: +25 -0	MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
DRAWN <i>N. J. Sedgwick</i>	TRACED	ISSUED BY D SMITH CONTROL DO LEICESTER	ORIGINAL SCALE 1:1						TITLE PAC 1910 CABLE ASSEMBLY	MARCONI DRAWING No. L-40-7343
UNLESS OTHERWISE STATED, SCREW THREADS TO BE ISO METRIC COARSE PITCH, MEDIUM CLASS TO BS.3643, PART 2.									SERVICES DRAWING No.	

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-45-1754 & L-45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY.
© THE MARCONI COMPANY LIMITED 1982

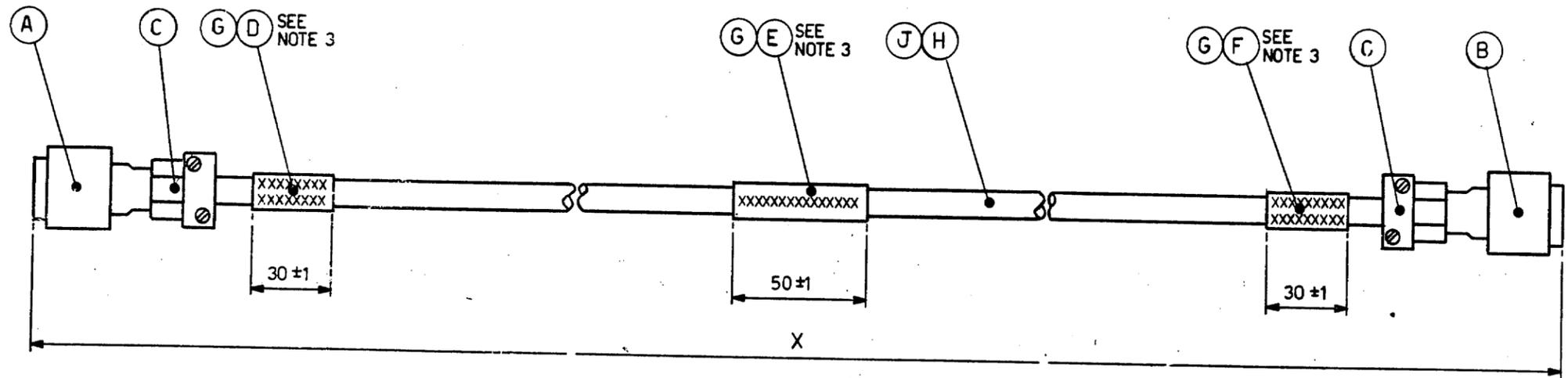


3rd ANGLE PROJECTION



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1288

NOTES
1 WIRING TO BE IN PARALLEL E.G. A TO A , B TO B ETC.
2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSY
3 ITEMS D,E & F TO BE MARKED AS SHOWN IN TABLE WITH 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING (ITEM G)



A CONNECTOR ITEM NO	B CONNECTOR ITEM NO	C CABLE CLAMP ITEM NO	D LABEL (SLEEVING) ITEM NO & MARKING	E LABEL (SLEEVING) ITEM NO & MARKING	F LABEL (SLEEVING) ITEM NO & MARKING	G SLEEVING ITEM NO	H CABLE ITEM NO	J SLEEVING ITEM NO	X LENGTH	CABINET CODE	REMARKS	REF
19	5	35	47 DP 1885 SK2	47 240V PU1 EM	47 PU 1882 PL5	46	75	---		SCC1887		01
19	5	35	47 DP 1885 SK4	47 240V PU1 N	47 PU 1882 PL4	46	75	---		SCC1887		02
19	5	35	47 DP 1885 SK5	47 240V PU2	47 PU1886 PL7	46	75	---		SCC1887		03
8	22	36	47 DP 1885 PL10	47 24V EM	47 PU 1882 SK3	46	75	45		SCC1887		04
8	22	36	47 DP 1885 PL11	47 24V N	47 PU 1882 SK1	46	75	45		SCC1887		05
6	6	35	52 DP 1885 PL12	52 LIFT BRAKE ALT	52 SCR 1884 PL4	51	72	---		SCC1887		06
22	8	33	47 DP 1885 SK18	47 24V SR	47 SCR 1884 PL3	46	55	---		SCC1887		07
6	6	35	52 DP 1885 PL20	52 LIFT BRAKE AZ	52 SCR 1884 PL5	51	72	---		SCC1887		08
20	6	35	52 DP 1885 SK21	52 INS. BRAKES	52 SCR 1884 PL36	51	72	---		SCC1887		09
22	8	36	52 PU 1886 SK6	52 +5V DC TO SR	52 SCR 1884 PL1	51	65	50		SCC1887		10
19	5	32	47 PU 1882 SK2	47 ±15V DC TO SR	47 SCR 1884 PL2	46	55	---		SCC1887		11
6	20	35	47 INS 1902 PL1	47 CASSEGRAIN TT 240V	47 DP 1908 SK7	46	72	---		PAC 1910		12
6	20	35	47 INS 1903 PL1	47 PRIME FOCUS TT 240V	47 DP 1908 SK6	46	72	---		PAC 1910		13

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

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

CHECKED: JST APPROVED: D. D. Smith APPROVED (PROD): D. Smith
 DIMS. IN: mm MATERIAL: MARCONI SPEC FINISH: MARCONI SPEC TOLERANCES, UNLESS OTHERWISE STATED: +25 -0
 DRAWN: H. J. Sedgwick TRACED: ISSUED BY: D. SMITH CONTROL DO LEICESTER ORIGINAL SCALE: 1:1
 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 H11 OVER 6mm BS.4500 H13

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND
 SECURITY CLASSIFICATION: K.6.2.4
 MARCONI DRAWING No. L-41-1288
 TITLE: SCC1887 & PAC 1910 CABLE ASSEMBLY
 SERVICES DRAWING No. 1

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-45-1754 L-45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY.
© THE MARCONI COMPANY LIMITED 1982



3rd ANGLE PROJECTION

DO NOT SCALE PRINT
0 50 100 150

150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-288

NOTES

ISSUE DATE

A EI 0016
EI 0033
24-9-82

B EI 0148/1
23-6-83

A	B	C	D		E		F		G	H	J	X	CABINET CODE	REMARKS	REF
CONNECTOR ITEM N°	CONNECTOR ITEM N°	CABLE CLAMP ITEM N°	LABEL ITEM N° & MARKING	SLEEVING ITEM N°	CABLE ITEM N°	SLEEVING ITEM N°	LENGTH								
6	20	35	47	INS 1904 PL1	47	CABLE WRAP 240V	47	DP 1908 SK5	46	72	—		PAC 1910		
6	20	35	47	INS 1905 PL1	47	FOCUS DRIVE 240V	47	DP 1908 SK4	46	72	—		PAC 1910		14
20	8	35/36	52	INS 1905 SK3	52	FOCUS DRIVE 24V	52	SPU 1909 PL2	51	64	50		PAC 1910		15
22	8	36	47	INS 1905 SK4	47	FOCUS DRIVE 50V	47	SPU 1909 PL1	46	64	45		PAC 1910		16
6	20	35	47	SPU 1909 PL4	47	240V PU FOR FOCUS DRIVE	47	DP 1908 SK8	46	72	—		PAC 1910		17
7	21	36	52	AZR 1906 PL1	52	AZ AMP SUPPLY	52	DP 1908 SK11	51	76	—		PAC 1910		18
10	24	34	52	AZR 1906 PL4	52	CONTROL AZ PA	52	DP 1908 SK18	51	56	—		PAC 1910		19
7	21	36	52	ALR 1907 PL1	52	SUPPLY ALT PA	52	DP 1908 SK14	51	76	—		PAC 1910		20
10	24	34	52	ALR 1907 PL4	52	CONTROL ALT PA	52	DP 1908 SK19	51	56	—		PAC 1910		21
7	21	36	52	DP 1908 PL10	52	SUPPLY ALT VIA PDU	52	TRU 1901 SK2	51	76	—		PAC 1910		22
7	21	36	52	DP 1908 PL9	52	SUPPLY AZ VIA PDU	52	TRU 1901 SK3	51	76	—		PAC 1910		23
21	7	36	52	DP 1908 SK3	52	I/P 115V FROM PDU	52	TRU 1901 PL1	51	76	—		PAC 1910		24
															25

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

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

CHECKED JST	APPROVED G. Dudder	APPROVED (PRCD)	DIMS. IN	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES, UNLESS OTHERWISE STATED:-
DRAWN M. J. J. J.	TRACED	ISSUED BY D SMITH CONTROL DO LEICESTER	ORIGINAL SCALE					

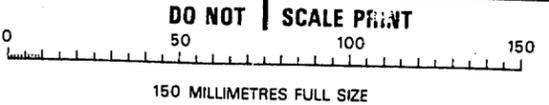
MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	K. 6. 8. 9. 4 SECURITY CLASSIFICATION
MARCONI DRAWING No.	L-41-1288
TITLE SCC 1887 & PAC 1910 CABLE ASSEMBLY	SERVICES DRAWING No.

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-45-1754 L-45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY.
© THE MARCONI COMPANY LIMITED 1992



3rd ANGLE PROJECTION



DO NOT SCALE PRINT

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1289-10

NOTES

ISSUE	DATE
A	EI 0016 EI 0033 24.9.82
B	EI 0101/1 23.6.83

A	B	C	D	E	F	G	H	J	K	X		REF	
CONNECTOR ITEM N°	CONNECTOR ITEM N°	CABLE CLAMP ITEM N°	CABLE CLAMP ITEM N°	LABEL ITEM N° & MARKING	LABEL ITEM N° & MARKING	LABEL ITEM N° & MARKING	SLEEVING ITEM N°	CABLE ITEM N°	SLEEVING ITEM N°	LENGTH	CABINET CODE	REMARKS	
31	18	56	60	70	SCC 1887 PL21	70	SCR 1884 PL16	69	94	---	SCC 1887	ALL SCREENS TO BE CONNECTED TO CONNECTOR 'B' ONLY	
31	18	56	60	70	SCC 1887 PL22	70	SCR 1884 PL17	69	94	---	SCC 1887		14
31	18	56	60	70	SCC 1887 PL26	70	SCR 1884 PL21	69	94	---	SCC 1887		15
31	18	56	60	70	SCC 1887 PL27	70	SCR 1884 PL22	69	94	---	SCC 1887		16
11	49	55	63	75	SCC 1887 SK35	75	SCR 1884 SK30	74	96	---	SCC 1887		17
11	49	58	63	75	SCC 1887 SK36	75	SCR 1884 SK31	74	96	---	SCC 1887		18
11	49	58	63	75	SCC 1887 SK37	75	SCR 1884 SK32	74	96	---	SCC 1887		19
11	49	58	63	75	SCC 1887 SK38	75	SCR 1884 SK33	74	96	---	SCC 1887		20
11	49	58	63	75	SCC 1887 SK39	75	SCR 1884 SK34	74	96	---	SCC 1887		21
11	49	58	63	75	SCC 1887 SK 40	75	SCR 1884 SK35	74	96	---	SCC 1887		22
31	18	56	60	70	SCC 1887 PL48	70	SCR 1884 PL14	69	94	---	SCC 1887		23
34	21	58	58	70	PAC 1910 PL1	70	DP1908 PL1	69	86	---	PAC 1910		24
33	47	63	63	75	PAC 1910 SK2	75	DP 1908 SK2 PL2	74	89	---	PAC 1910		25
35	49	58	58	70	PAC 1910 PL3	70	DP1908 SK13	69	84	---	PAC 1910		26
36	49	58	58	70	PAC 1910 PL4	70	DP 1908 SK12	69	84	---	PAC 1910	27	
36	23	58	58	70	PAC 1910 PL6	70	INS 1903 PL2	69	84	---	PAC 1910	28	
36	23	58	58	70	PAC 1910 PL7	70	INS 1902 PL2	69	84	---	PAC 1910	29	
36	23	58	58	70	PAC 1910 PL8	70	INS 1904 PL2	69	84	---	PAC 1910	30	
3	42	55	59	75	PAC 1910 SK9	75	ALR 1907 SK3	74	101	73	PAC 1910	31	
3	42	55	59	75	PAC 1910 SK10	75	ALR 1907 SK2	74	101	73	PAC 1910	32	
3	42	55	59	75	PAC 1910 SK11	75	AZR 1906 SK3	74	101	73	PAC 1910	33	
3	42	55	59	75	PAC 1910 SK12	75	AZR 1906 SK2	74	101	73	PAC 1910	34	
3	42	55	55	75	PAC 1910 SK13	75	SPU 1909 SK3	74	88	---	PAC 1910	35	
3	42	55	55	75	PAC 1910 SK14	75	INS 1903 SK3	74	88	---	PAC 1910	36	
3	42	55	55	75	PAC 1910 SK15	75	INS 1902 SK3	74	88	---	PAC 1910	37	
3	42	55	55	75	PAC 1910 SK16	75	INS 1904 SK3	74	88	---	PAC 1910	38	
3	42	55	55	70	PAC 1910 SK17	70	DP 1908 SK17	69	81	---	PAC 1910	39	
3	42	56	56	70	SCC 1887 SK53	70	DP 1885 SK26	69	81	---	SCC 1887	40	
												41	

ALL SCREENS TO BE CONNECTED TO CONNECTOR 'B' ONLY

ALL SCREENS TO BE CONNECTED TO CONNECTOR 'B' ONLY

1 CORE OF CABLE TO BE CUT BACK.

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

CHECKED JST	APPROVED B. Dicker	APPROVED (PROD)	DIMS. IN
DRAWN A. S. Sedgwick	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE

MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC
----------	--------------	--------	--------------

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

MARCONI RADAR SYSTEMS LIMITED
CHELMSFORD & LEICESTER, ENGLAND

TITLE SCC 1887 PAC1910
CABLE ASSEMBLY

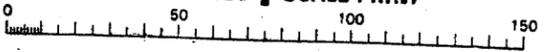
SECURITY CLASSIFICATION
MARCONI DRAWING No. L-41-1289
SERVICES DRAWING No.

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-45-1754 L-45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



DO NOT SCALE PRINT



150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1289

A	B	C	D	E		F		G		H	J	K	X	REMARKS	REF	
CONNECTOR ITEM N°	CONNECTOR ITEM N°	CABLE CLAMP ITEM N°	CABLE CLAMP ITEM N°	ITEM N°	MARKING	ITEM N°	MARKING	ITEM N°	MARKING	SLEEVING ITEM N°	CABLE ITEM N°	SLEEVING ITEM N°	LENGTH			CABINET CODE
11	49	58	58	75	PAC 1910 SK 20	75	FAULT AZ	75	AZR 1906 SK5	74	96	—		PAC 1910	1 CORE OF CABLE (ITEM 96) NOT TO BE CONNECTED. SCREENS TO BE CONNECTED TOGETHER AND CONNECTED TO PIN M IN BOTH CONNECTORS USING SOLDER SLEEVES (ITEM 65) & WIRE (ITEM 78)	42
11	49	58	58	75	PAC 1910 SK18	75	FAULT ALT	75	ALR 1907 SK5	74	96	—		PAC 1910		43

ISSUE	DATE
A	EI 0015 24-9-82
	EI 0033

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

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

APPROVED <i>[Signature]</i>	APPROVED (PROD)	DIMS IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED
DRAWN <i>[Signature]</i>	TRACED	ISSUED BY D SMITH CONTROL DO LEICESTER	ORIGINAL SCALE 1:1				

MARCONI RADAR SYSTEMS LIMITED K.6.8.94
CHELMSFORD & LEICESTER, ENGLAND

SECURITY CLASSIFICATION

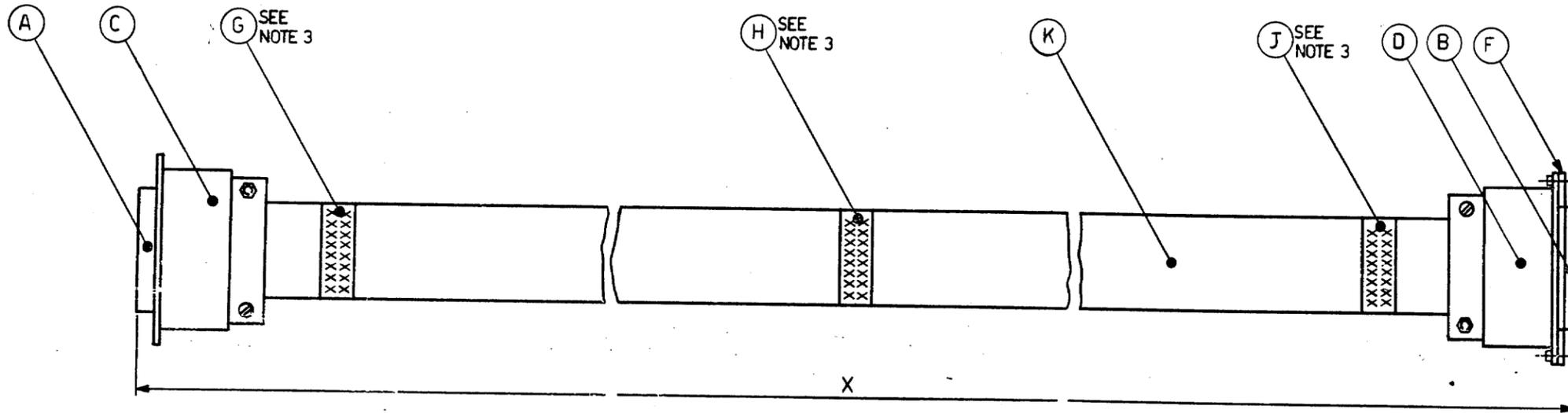
MARCONI DRAWING No. L 41 1289

TITLE SCC 1887 PAC 1910
CABLE ASSEMBLY

SERVICES DRAWING No.

DR. No. 3
SER. CONTR. —
PAGE

HOLE DIAS UP TO 6mm BS 4500 H II OVER 6mm BS 4500 H 13



- NOTES
- 1 WIRING TO BE DONE AS SHOWN IN TABLE BELOW.
 - 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSY.
 - 3 TAPE USED FOR LABELS (ITEMS G,H & J) TO BE WRAPPED AROUND CABLE 1 1/2 TIMES AND MARKED AS SHOWN IN TABLE WITH 4 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02.

ISSUE	DATE
A	EI0016 EI0033 24-9-82
B	CAR019222 1078 NCC C/S1 ISS A 30-10-84

A	B	C	D	F	G	H	J	K	X	REMARKS	REF
CONNECTOR ITEM NO	CONNECTOR ITEM NO	SHELL ITEM NO	SHELL ITEM NO	SLIDE ITEM NO	LABEL ITEM NO & MARKING	LABEL ITEM NO & MARKING	LABEL ITEM NO & MARKING	CABLE ITEM NO	LENGTH	CABINET CODE	
5	8	17	16	20	25 CU1995 OR48/1 REG0	25 CASSEGRAIN TURNTABLE TO RG	25 SCR1884 PL25	28		SCC 1887	01
9	8	17	16	20	25 CU1995 OR48/1 REG1	25 PRIME FOCUS TURNTABLE TO RG	25 SCR1884 PL26	28		SCC 1887	02
9	8	17	16	20	25 CU1995 OR48/2 REG0	25 PRIME FOCUS DRIVE TO RG	25 SCR1884 PL27	28		SCC 1887	03
9	8	17	16	20	25 CU1995 OR48/2 REG1	25 MAIN DRIVE AZIMUTH TO RG	25 SCR1884 PL28	28		SCC 1887	04
9	8	17	16	20	25 CU1995 OR48/3 REG0	25 MAIN DRIVE ALTITUDE TO RG	25 SCR1884 PL29	28		SCC 1887	05

REFS 01-05

CONNECTOR A	CONNECTOR B
1	13
2	12
3	11
4	9
5	8
6	25
7	24
8	23
9	21
10	20
11	32

REFS 01-05

CONNECTOR A	CONNECTOR B
12	31
13	30
14	29
15	28
16	27
17	26
18	6
19	5
20	4
21	3
22	2

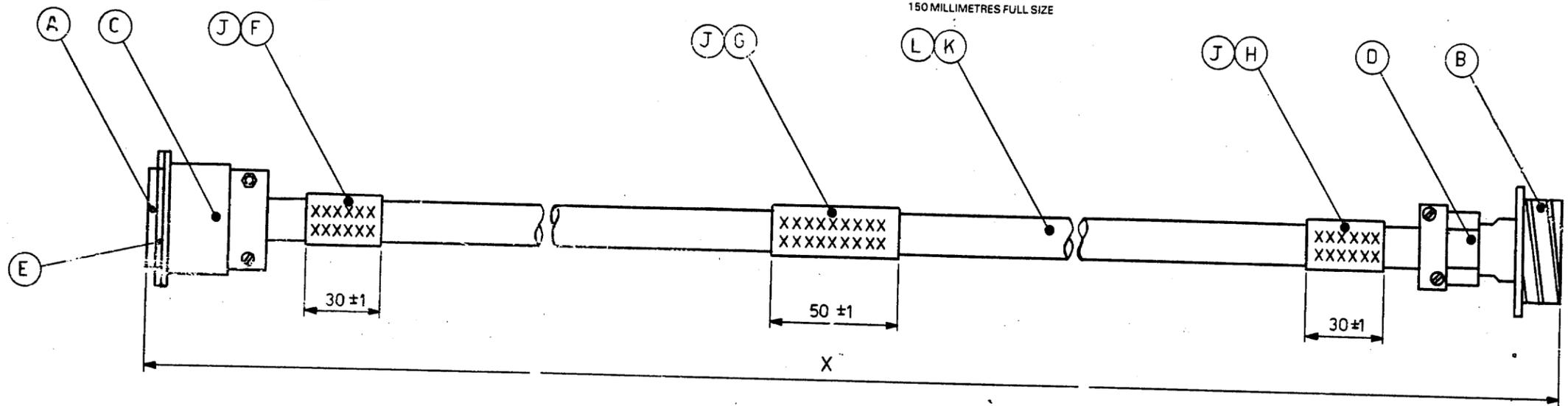
REFS 01-05

CONNECTOR A	CONNECTOR B
23	1
24	22
25	33
26	34
27	15
28	35
29	36
30	37
31	19

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

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

CHECKED JST	APPROVED B. Ludea	APPROVED (PROD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: +25 -0	UNLESS OTHERWISE STATED, SCREW THREADS TO BE ISO METRIC COARSE PITCH, MEDIUM CLASS TO BS.3643, PART 2.	MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION K6.8.9.4
DRAWN K.S. Gidjank	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 1:1						MARCONI DRAWING No. L-41-1290		TITLE SCC 1887 CABLE ASSEMBLY
PUNCH CARD TITLE										SERVICES DRAWING No.	REL. No. 1 SPL. CONTR. SIZE



- NOTES
- 1 WIRING TO BE IN PARALLEL E.G. 1 TO A, 2 TO B ETC.
 - 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 - 3 ITEMS E, F & G TO BE MARKED AS SHOWN IN TABLE WITH 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING, (ITEM H).

ISSUE	DATE
A	EI 0016 EI 0033 24-9-82

A	B	C	D	E	F	G	H	J	K	L	X	REMARKS	REF
CONNECTOR ITEM N°	CONNECTOR ITEM N°	SHELL ITEM N°	CABLE CLAMP ITEM N°	SLIDE ITEM N°	LABEL ITEM N° & MARKING	LABEL ITEM N° & MARKING	LABEL ITEM N° & MARKING	SLEEVING ITEM N°	CABLE ITEM N°	SLEEVING ITEM N°	LENGTH	CABINET CODE	
2	15	23	30	32	38 SCR 1884 SK6	38 CASSEGRAIN TURNTABLE TO CC	38 SCC 1887 SK11	37	45	---		SCC 1887	01
2	15	23	30	32	38 SCR 1884 PL8	38 CASSEGRAIN TURNTABLE INC ENC	38 SCC 1887 SK13	37	48	36		SCC 1887	02
2	15	23	30	32	38 SCR 1884 SK9	38 CASSEGRAIN CABLE WRAP TO CC	38 SCC 1887 SK14	37	45	---		SCC 1887	03
2	15	23	30	32	38 SCR 1884 SK11	38 PRIME FOCUS TURNTABLE TO CC	38 SCC 1887 SK16	37	45	---		SCC 1887	04
8	15	23	30	32	38 SCR 1884 PL13	38 PRIME FOCUS TURNTABLE INC ENC	38 SCC 1887 SK18	37	48	36		SCC 1887	05
2	15	23	30	32	38 SCR 1884 SK14	38 FOCUS DRIVE TO CC	38 SCC 1887 SK19	37	45	---		SCC 1887	06
2	15	23	30	32	38 SCR 1884 SK15	38 MAIN DRIVE AZIMUTH TO CC	38 SCC 1887 SK20	37	45	---		SCC 1887	07
8	15	23	30	32	38 SCR 1884 PL18	38 MAIN DRIVE AZIMUTH INC ENC 20	38 SCC 1887 SK23	37	48	36		SCC 1887	08
8	15	23	30	32	38 SCR 1884 PL19	38 MAIN DRIVE AZIMUTH INC ENC 17	38 SCC 1887 SK24	37	48	36		SCC 1887	09
2	15	23	30	32	38 SCR 1884 SK20	38 MAIN DRIVE ALTITUDE TO CC	38 SCC 1887 SK25	37	45	---		SCC 1887	10
8	15	23	30	32	38 SCR 1884 PL23	38 MAIN DRIVE ALTITUDE INC ENC 20	38 SCC 1887 SK28	37	48	36		SCC 1887	11
8	15	23	30	32	38 SCR 1884 PL24	38 MAIN DRIVE ALTITUDE INC ENC 17	38 SCC 1887 SK29	37	48	36		SCC 1887	12
3	18	23	26	---	38 CU1955 450/4 REG 1	38 CAMAC 450-4 MODULE	38 SCC 1887 SK33	37	42	---		SCC 1887	13
3	18	23	26	---	38 CU1955 450/5 REG 1	38 CAMAC 450-4 MODULE	38 SCC 1887 SK34	37	42	---		SCC 1887	14
3	16	23	29	---	38 CU1955 450/4 REG 0	38 CAMAC 450-4 MODULE	38 SCC 1887 SK43	37	55	---		SCC 1887	15
3	16	23	29	---	38 CU1955 450/5 REG 0	38 CAMAC 450-4 MODULE	38 SCC 1887 SK44	37	55	---		SCC 1887	16

ALL SCREENS TO BE CONNECTED TO CONNECTOR 'B' ONLY.

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

CHECKED JST	APPROVED D. Smith	APPROVED (PHOD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: +25 -0	MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION K6824
DRAWN A. Bedgwick	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 1:1						MARCONI DRAWING No. L-41-1291	SERIAL No. 1
TITLE SCC 1887 CABLE ASSEMBLY									SERVICES DRAWING No.	

SECURITY CLASSIFICATION

SERVICES DRG. No.

FIRST USED ON L-45-1754 L-45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT

0 50 100 150

150 MILLIMETRES FULL SIZE

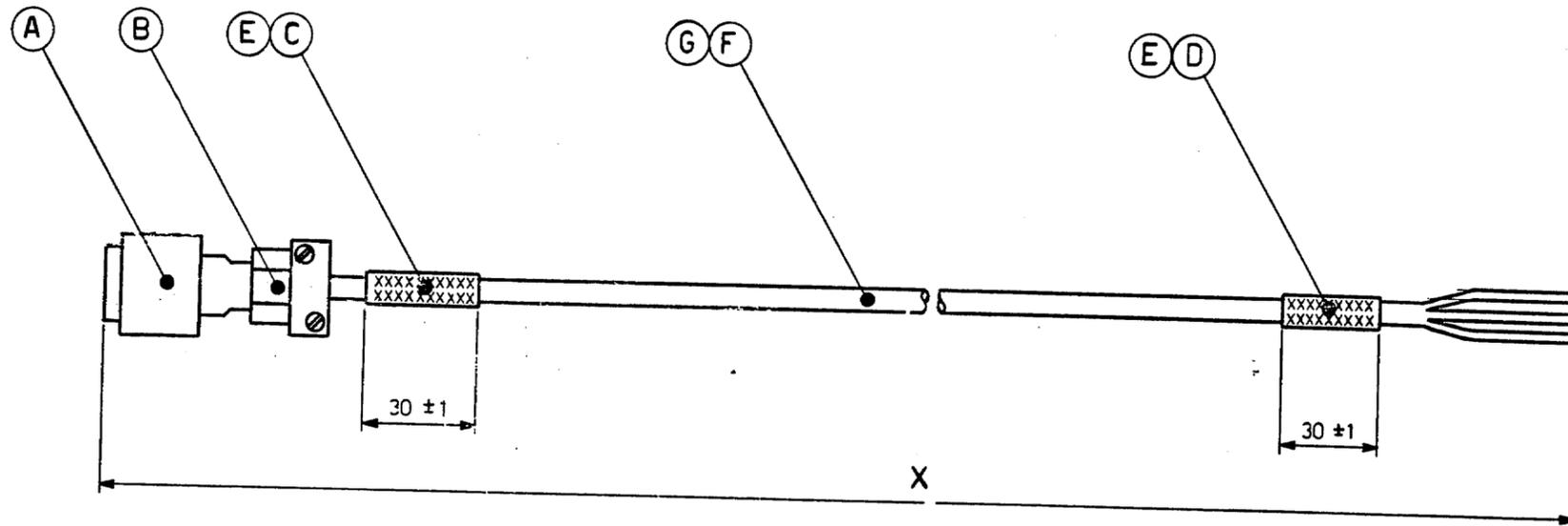
ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

L-41-1292

NOTES

- 1 WIRING CONNECTION AS FOLLOWS:-
PIN A- BROWN
PIN B- BLUE
PIN C- GREEN/YELLOW
- 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY
- 3 ITEMS C & D TO BE MARKED AS SHOWN IN TABLE WITH 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING (ITEM E)

ISSUE	DATE
A	EI 0016 EI 0033 24-9-82
B	CAROL 230 1122NCC C/S 1 ISS A 12.11.84



A	B	C		D		E	F	G	X	CABINET CODE	REMARKS	REF
CONNECTOR ITEM N°	CABLE CLAMP ITEM N°	LABEL ITEM N° & MARKING	SLEEVING ITEM N°	CABLE ITEM N°	SLEEVING ITEM N°	LENGTH						
3	16	26	DP1885 SK 6	26	FAN	25	29	—		SCC1887		
3	16	26	DP1885 SK 23	26	COND HEATER	25	29	—		SCC1887		01
3	16	26	DP1908 SK 16	26	FAN	25	29	—		PAC1910		02
3	16	26	DP1908 SK 15	26	COND HEATER	25	29	—		PAC1910		03
—	—	26	FAN	26	FAN	25	29	—		SCC1887		04
												05

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

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

CHECKED <i>AST</i>	APPROVED <i>D. Dodson</i>	APPROVED (PROD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES. UNLESS OTHERWISE STATED +25 -0
DRAWN <i>N.S. Hayward</i>	TRACED	ISSUED BY D SMITH CONTROL DO LEICESTER	ORIGINAL SCALE 1:1					

MARCONI RADAR SYSTEMS LIMITED K.6.8.9.4
CHELMSFORD & LEICESTER, ENGLAND

TITLE SCC 1887 & PAC1910
CABLE ASSEMBLY

SECURITY CLASSIFICATION

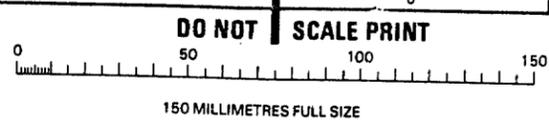
MARCONI DRAWING No. L-41-1292

SERVICES DRAWING No.

SAFETY WARNING NO

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-45-1754 L-45-1755

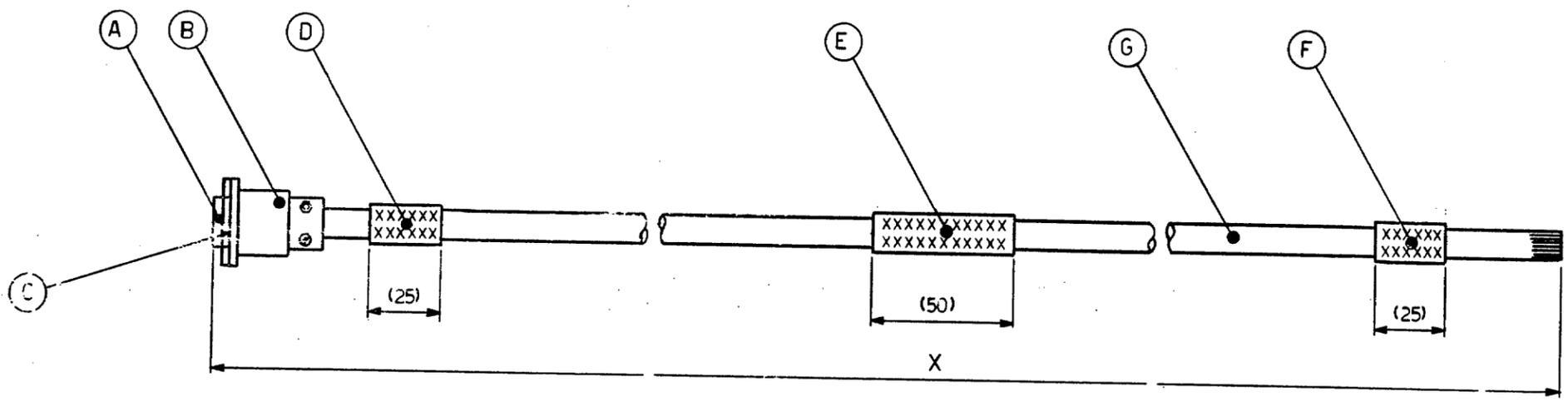
THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982



ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1293

- NOTES
- 1 WIRING CONNECTION AS FOLLOWS :-
PIN 1 BLACK PIN 6 GREEN
PIN 2 BROWN PIN 7 BLUE
PIN 3 RED PIN 8 VIOLET
PIN 4 ORANGE PIN 9 GREY
PIN 5 YELLOW
 - 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 - 3 TAPE USED FOR LABELS (ITEMS D,E & F) TO BE WRAPPED AROUND CABLE 1 1/2 TIMES AND MARKED AS SHOWN IN TABLE WITH 4 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02

ISSUE DATE
A EI 0016
EI 0033
24-9-82



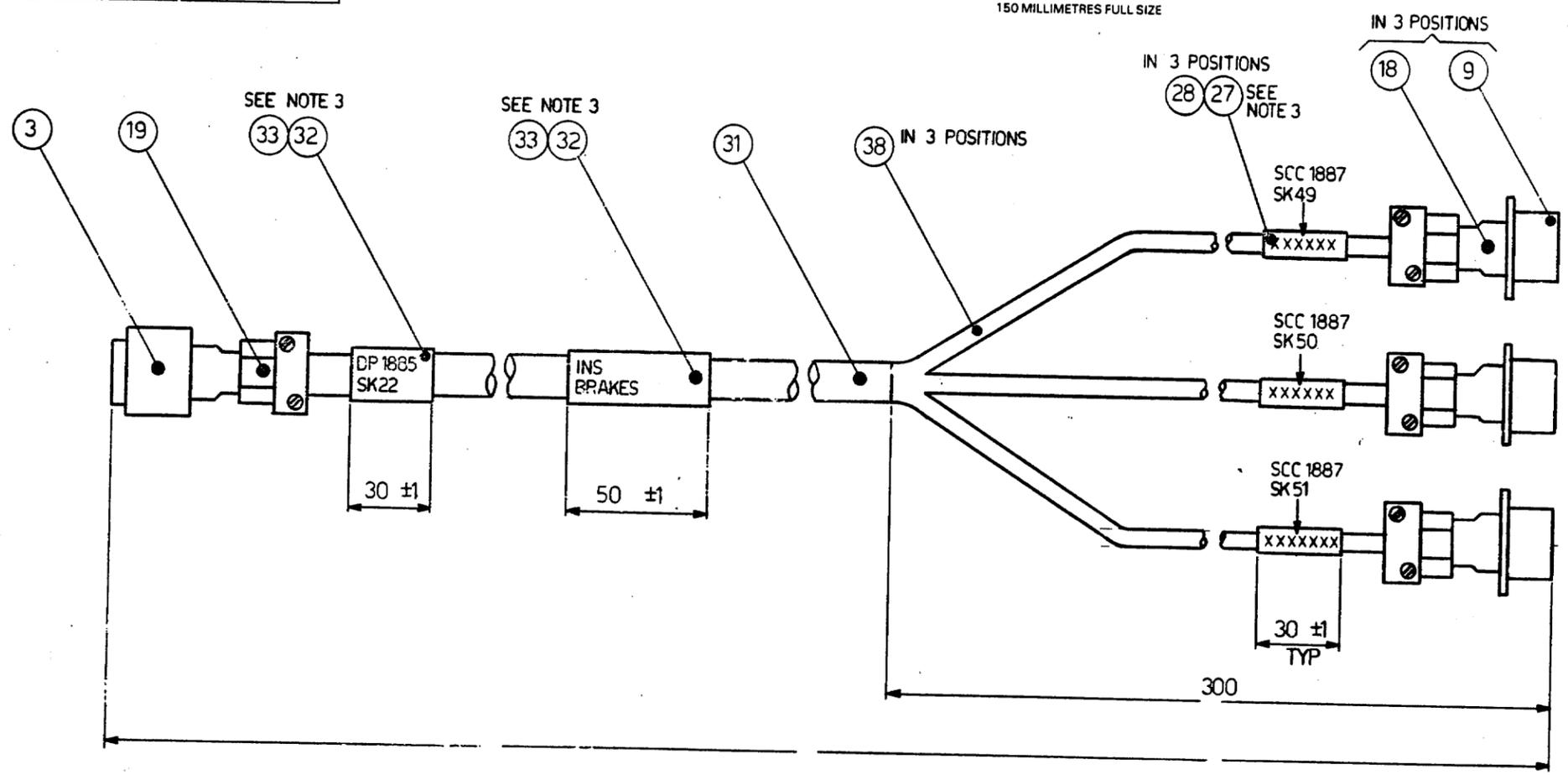
A	B	C	D	E	F	G	X			REF
CONNECTOR ITEM N°	SHELL ITEM N°	SLIDE ITEM N°	LABEL ITEM N° & MARKED	LABEL ITEM N° & MARKING	LABEL ITEM N° & MARKING	CABLE ITEM N°	LENGTH	CABINET CODE	REMARKS	
2	12	15	18 SCR 1884 FL 43	18 CASSEGRAIN TURNTABLE	18 CU 1955	22		SCC 1887		01
2	12	15	18 SCR 1884 FL 42	18 PRIME FOCUS TURNTABLE	18 CU 1955	22		SCC 1887		02
2	12	15	18 SCR 1884 PL 38	18 MAIN DRIVE AZIMUTH	18 CU 1955	22		SCC 1887		03
2	12	15	18 SCR 1884 PL 39	18 MAIN DRIVE AZIMUTH	18 CU 1955	22		SCC 1887		04
2	12	15	18 SCR 1884 PL 40	18 MAIN DRIVE ALTITUDE	18 CU 1955	22		SCC 1887		05
2	12	15	18 SCR 1884 PL 41	18 MAIN DRIVE ALTITUDE	18 CU 1955	22		SCC 1887		06

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

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

CHECKED JST	APPROVED D. Smith	APPROVED (PRD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES. UNLESS OTHERWISE STATED: +25 -0
DRAWN H. J. Sedgwick	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 1:1					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
MARCONI DRAWING No. L-41-1293	SH. No. 1 SER. CONTR. DATE
TITLE SCC 1887 PAC 1910 CABLE ASSEMBLY	SERVICES DRAWING No.



NOTES

1 WIRING TO BE IN ACCORDANCE WITH CONNECTION DIAGRAM.

2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY

3 ITEMS 28 & 33 TO BE MARKED AS SHOWN IN 5 HIGH BLACK CHARACTERS IN WAF 700-02 AND COVER USING SLEEVING (ITEMS 27 & 32).

ISSUE	DATE
A	24-9-82

SK 22

A	_____	A
D	_____	B SK 49
B	_____	A
E	_____	B SK 50
C	_____	A
F	_____	B SK 51

CONNECTION DIAGRAM

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

4.2 METRE WILLIAMS HORIZONAL PERISCOPE
 OBSERVATION BEL. RECORDING DE. MICROFILMS
 JAA PRAMA
 JUNE
 SERIAL ENGINEER- OBSERVATION

CHECKED JST	APPROVED <i>[Signature]</i>	APPROVED (PROD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES. UNLESS OTHERWISE STATED +25 -0
DRAWN <i>[Signature]</i>	TRACED	ISSUED BY D SMITH CONTROL DO LEICESTER	ORIGINAL SCALE 1:1					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND

MARCONI DRAWING No. **L-41-1294**

TITLE **SCC 1887 CABLE ASSEMBLY**

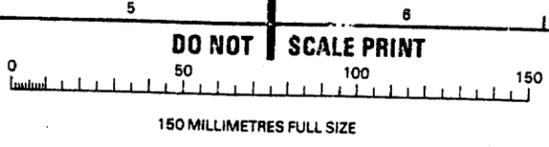
SERVICES DRAWING No. _____

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

HOLE DIAS UP TO 6mm BS 4500 H11 OVER 6mm BS 4500 H13

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-45-1754

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY.
© THE MARCONI COMPANY LIMITED 1982

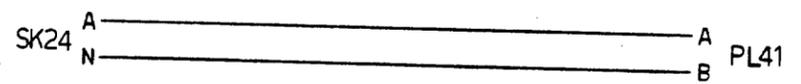
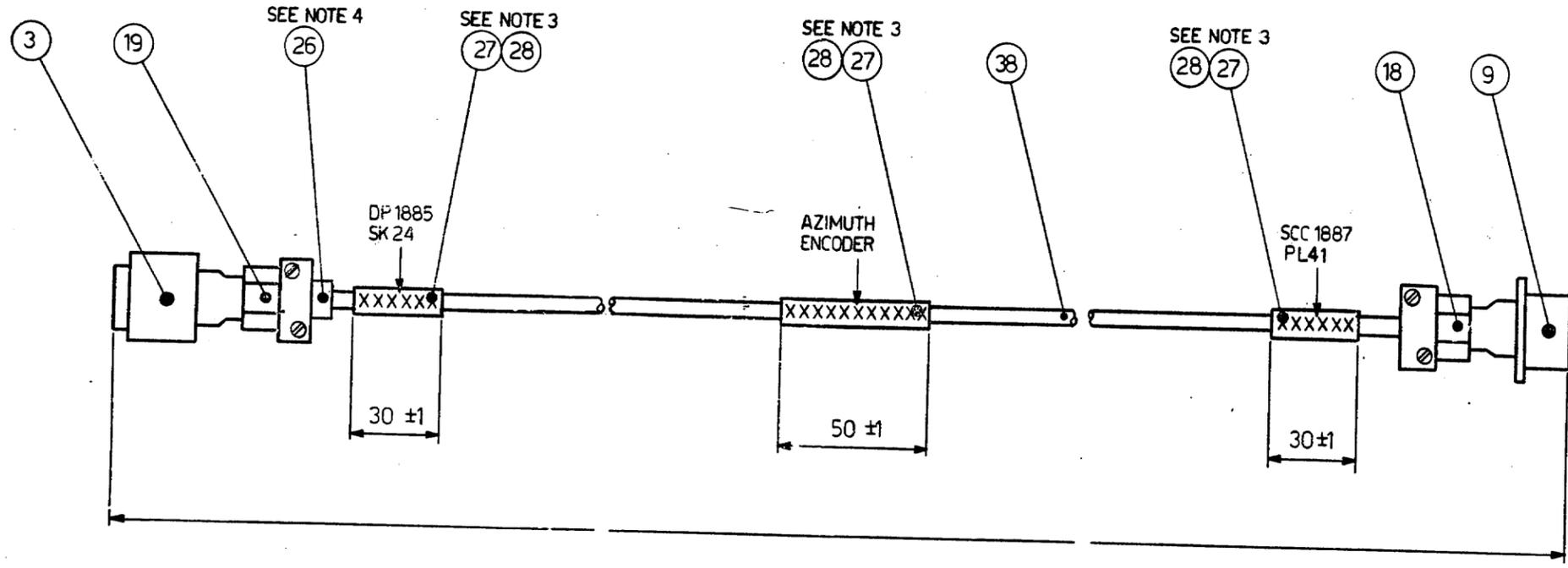


ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1295

NOTES

- 1 WIRING TO BE IN ACCORDANCE WITH CONNECTION DIAGRAM.
- 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
- 3 ITEM 28 TO BE MARKED AS SHOWN IN 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING (ITEM 27).
- 4 SLEEVING (ITEM 26) TO BE CUT INTO 5 x 35LG AND LAYERED IN POSITION SHOWN.

ISSUE DATE
A EI 0015
24.9.82



CONNECTION DIAGRAM

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

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

CHECKED DJT	APPROVED L. V. [Signature]	APPROVED (PROD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES. UNLESS OTHERWISE STATED: +25 -0
DRAWN [Signature]	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 1:1					UNLESS OTHERWISE STATED, SCREW THREADS TO BE ISO METRIC COARSE PITCH, MEDIUM CLASS TO BS.3643, PART 2.

MARCONI RADAR SYSTEMS LIMITED K6894 SECURITY CLASSIFICATION
CHELMSFORD & LEICESTER, ENGLAND

MARCONI DRAWING No. L-41-1295
SERVICES DRAWING No.

TITLE SCC 1887
CABLE ASSEMBLY

SECURITY CLASSIFICATION

SERVICES DRG. No.

FIRST USED ON L-45-1754

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT

0 50 100 150

150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON

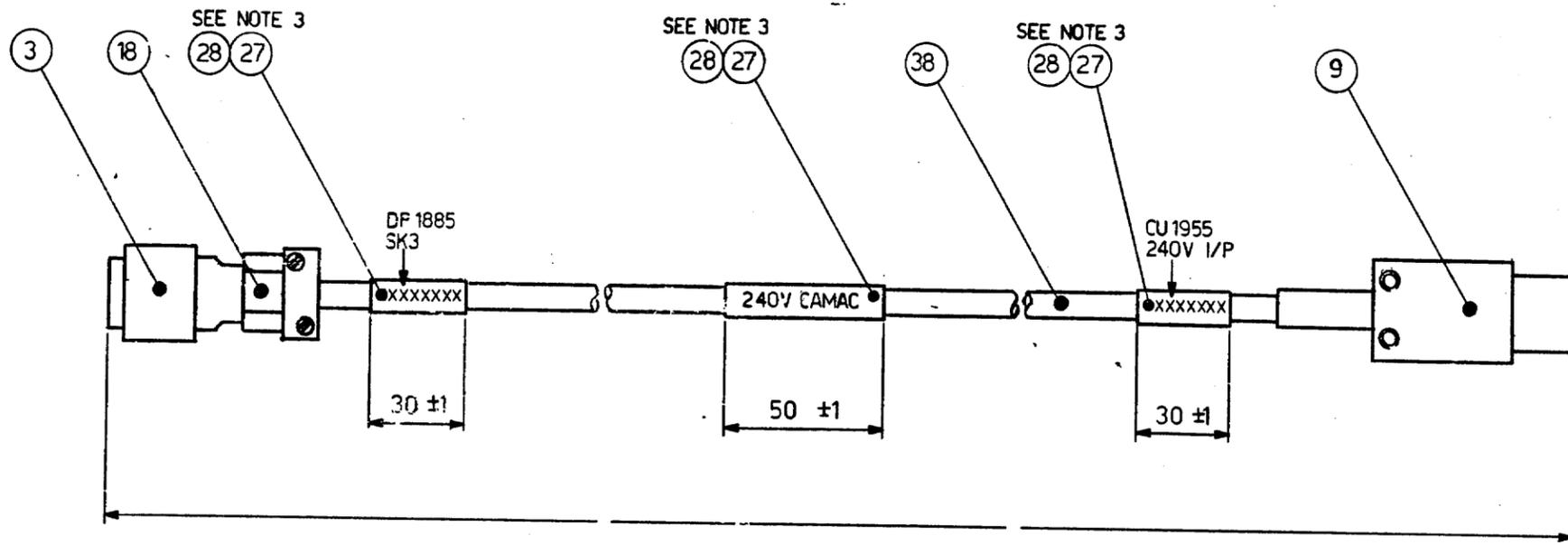
L-41-1382

NOTES

ISSUE

DATE
A E10016
24-9-82

- 1 WIRING TO BE AS FOLLOWS :-
PIN A - BROWN (LIVE)
PIN B - BLUE (NEUTRAL)
PIN C - GREEN/YELLOW (EARTH)
- 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
- 3 ITEM 28 TO BE MARKED AS SHOWN IN 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER WITH SLEEVING (ITEM 27)



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

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

CHECKED <i>ast</i>	APPROVED <i>B. Nolan</i>	APPROVED (PROD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: +25 -0
DRAWN <i>H. J. ...</i>	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 11					

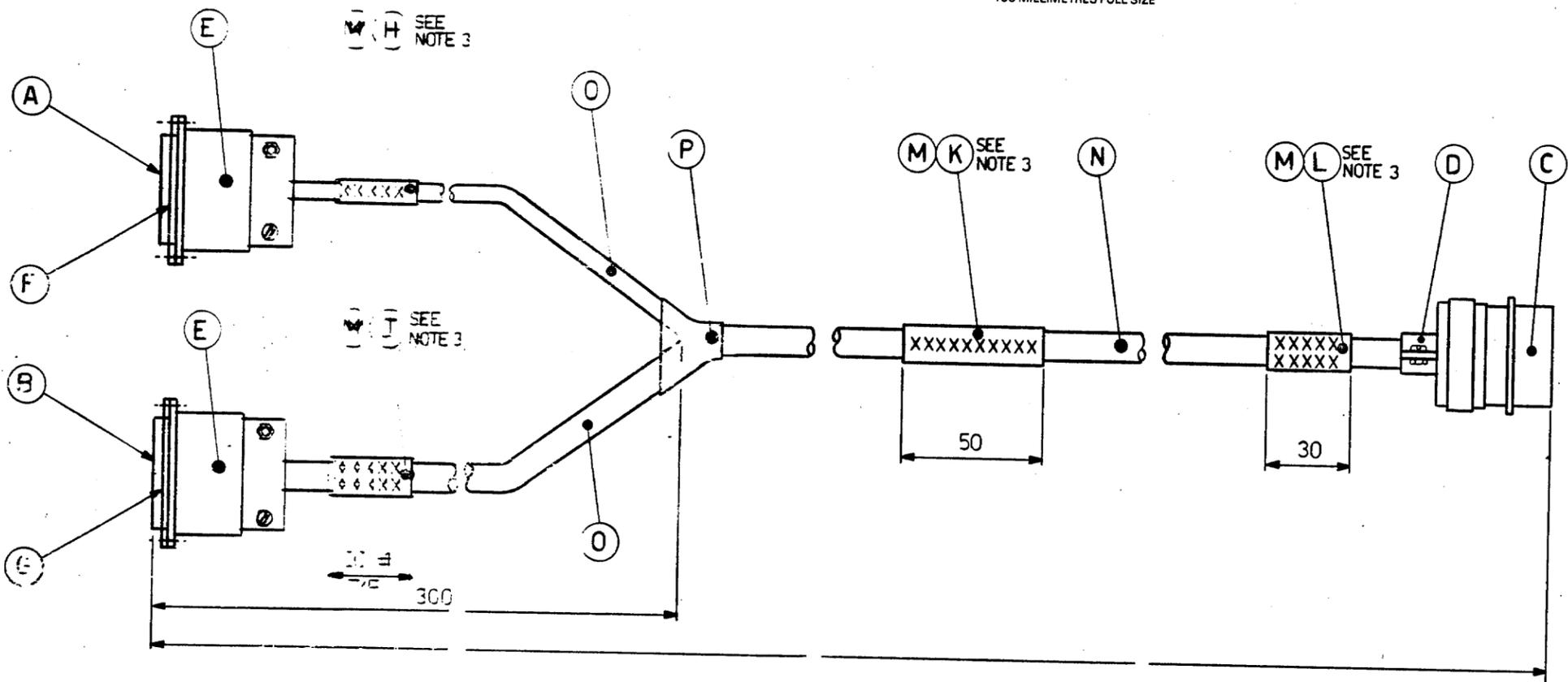
MARCONI RADAR SYSTEMS LIMITED K.6.8.9.4 CHELMSFORD & LEICESTER, ENGLAND		SECURITY CLASSIFICATION
TITLE SCC 1887 CABLE ASSEMBLY		MARCONI DRAWING No. L-41-1382
SERVICES DRAWING No.		SR. No. 1 SH. CONTR. - SIZE

3rd ANGLE PROJECTION

DO NOT SCALE PRINT
 0 50 100 150

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1383

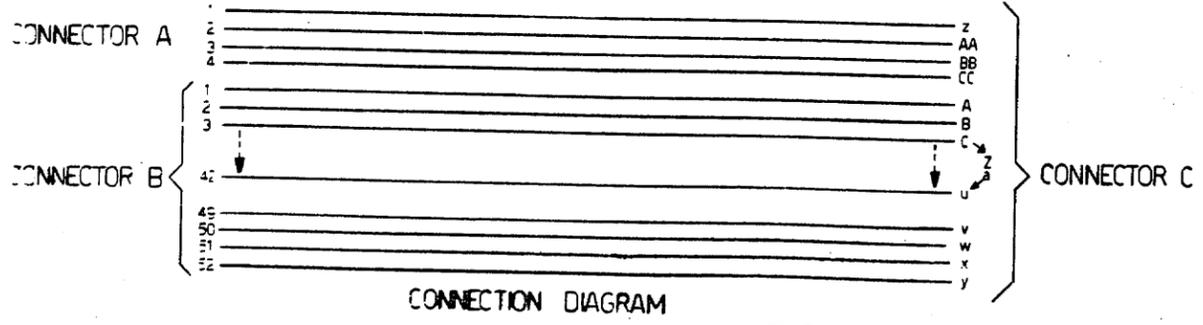
150 MILLIMETRES FULL SIZE



- NOTES
- 1 WIRING TO BE IN ACCORDANCE WITH CONNECTION DIAGRAM.
 - 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 - 3 ITEMS H, J, K & L TO BE MARKED AS SHOWN IN TABLE IN 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER WITH SLEEVING (ITEM M).

ISSUE DATE
 A EI 0016
 24-9-82

A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	X	REMARKS	CABINET CODE	REF
CONNECTOR ITEM NO	CONNECTOR ITEM NO	CONNECTOR ITEM NO	CABLE ITEM NO	SHELL ITEM NO	SLIDE ITEM NO	SLIDE ITEM NO	LABEL ITEM NO & MARKING	SLEEVING ITEM NO	CABLE ITEM NO	SLEEVING ITEM NO	SLEEVING ITEM NO	LENGTH						
2	2	E	13	16	23	23	31 CU1955 450/1 REG 0	31 CU1955 450/1 REG 1	31 CAMAC 450-4 MODULE	36 SCC1887 SK 30	35	42	29	34			SCC1887	01
2	2	E	13	16	23	23	31 CU1955 450/2 REG 0	31 CU1955 450/2 REG 1	31 CAMAC 450-4 MODULE	36 SCC1887 SK 31	35	42	29	34			SCC1887	02
2	2	E	13	16	23	23	31 CU1955 450/3 REG 0	31 CU1955 450/3 REG 1	31 CAMAC 450-4 MODULE	36 SCC1887 SK 32	35	42	29	34			SCC1887	03



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

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

CHECKED J.S.T.	APPROVED [Signature]	APPROVED IPROD [Signature]	DMS. 1 TIT	MATERIAL	MARCONI SPEC	FWS-	MARCONI SPEC	TOLERANCES. UNLESS OTHERWISE STATED: +25 -0
DRAWN [Signature]	TRACED	ISSUED BY D SMITH CONTROL I.C. LEICESTER	ORIGINAL ONE					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
TITLE SCC 1887 CABLE ASSEMBLY	MARCONI DRAWING No. L-41-1383
SERVICES DRAWING No.	

SECURITY CLASSIFICATION

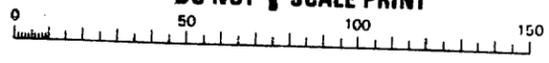
SERVICES DRG. No.

FIRST USED ON L-45-1755

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

DO NOT SCALE PRINT



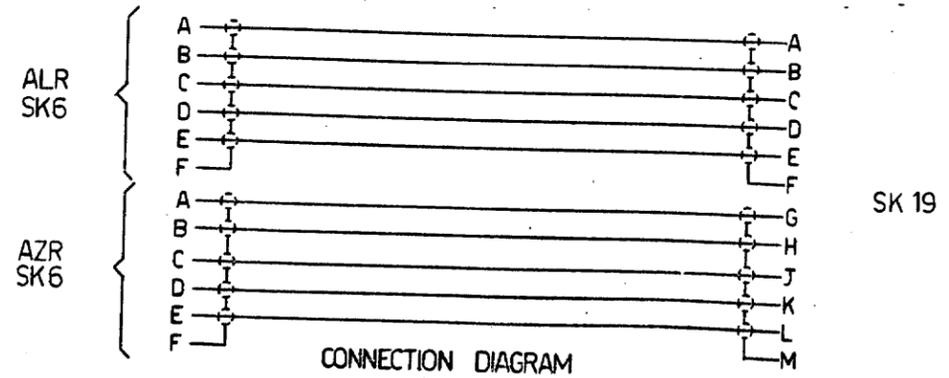
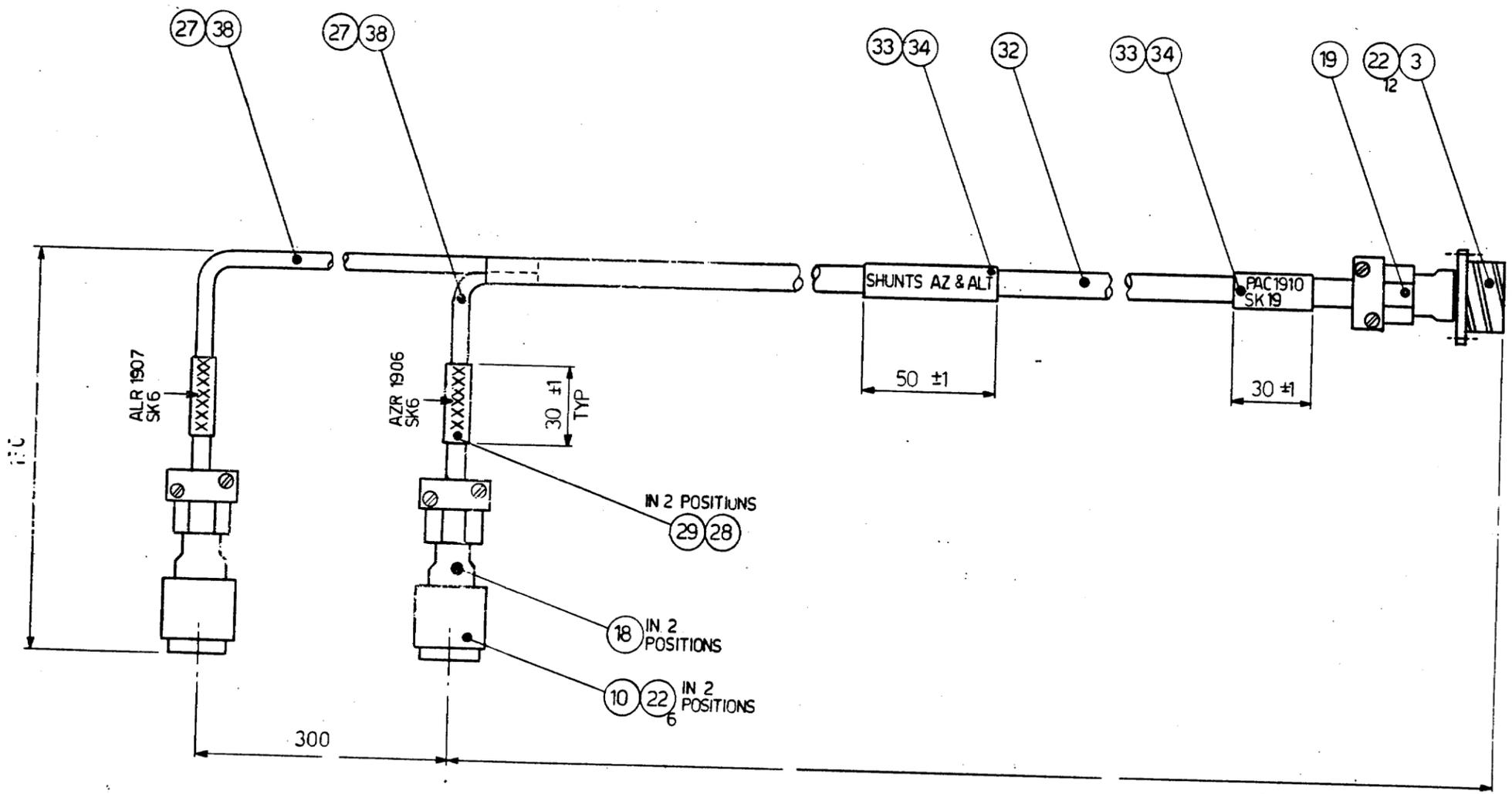
150 MILLIMETRES FULL SIZE

ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1384

NOTES

- 1 WIRING TO BE IN ACCORDANCE WITH CONNECTION DIAGRAM.
- 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
- 3 ITEMS 28 & 33 TO BE MARKED AS SHOWN IN 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING, (ITEMS 29 & 34)

ISSUE DATE
A EI 0033
29-9-82

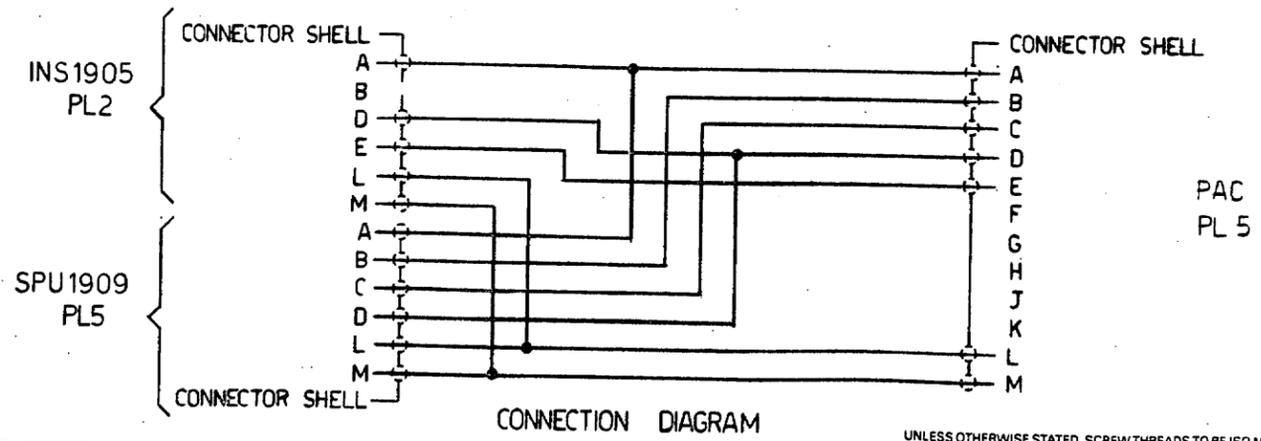
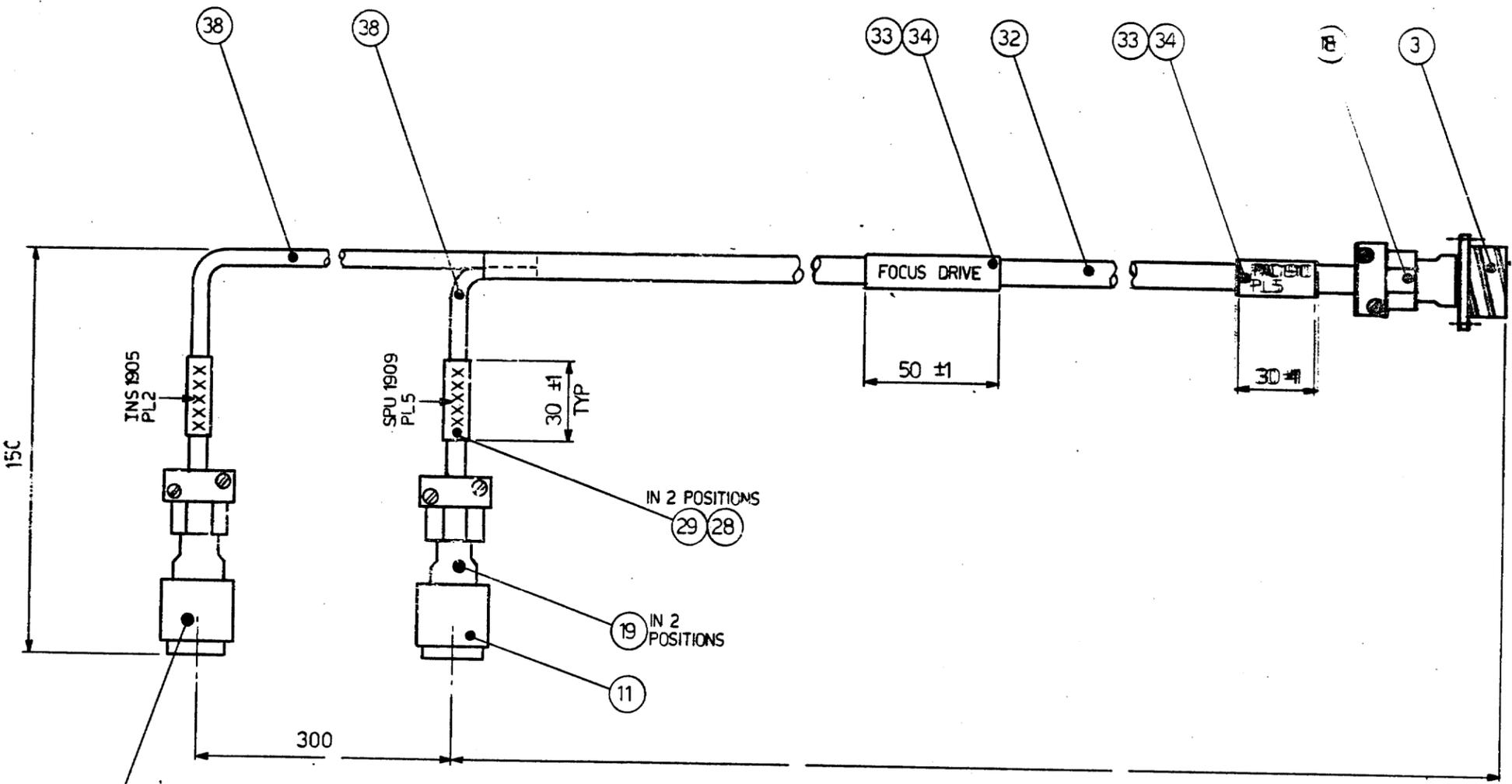


4.2 METRE WILLIAM HERSCHEL TELESCOPE FOR OBSERVATORIO DEL ROQUE DE LOS MUCHACHOS LA PALMA AND ROYAL GREENWICH OBSERVATORY

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

CHECKED J.S.	APPROVED <i>B. Anderson</i>	APPROVED (PROD.)	DIMS IN m m	MATERIAL	MARCONI SPEC	FINISH	MARCONI SPEC	TOLERANCES UNLESS OTHERWISE STATED: +25 -0
DRAWN <i>K.J. Sedgwick</i>	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 1:1					

MARCONI RADAR SYSTEMS LIMITED CHELMSFORD & LEICESTER ENGLAND		SECURITY CLASSIFICATION
TITLE PAC 1910 CABLE ASSEMBLY		MARCONI DRAWING No L-41-1384
PUNCH CARD TITLE		SERVICES DRAWING No



- NOTES
- 1 WIRING TO BE IN ACCORDANCE WITH CONNECTION DIAGRAM.
 - 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSEMBLY.
 - 3 ITEMS 29 & 34 TO BE MARKED AS SHOWN IN 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING, (ITEMS 28 & 33)

ISSUE	DATE
A	EI 0033 24-9-82
B	CAR022560 1087NCC C/ST ISSA 30-10-84

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

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

CHECKED JST	APPROVED <i>D. P. Deane</i>	APPROVED (PROD)	DIMS. IN m m	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED +25 -0
DRAWN <i>H. J. Sedgewick</i>	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 1:1					

MARCONI RADAR SYSTEMS LIMITED HELMSFORD & LEICESTER, ENGLAND	SECURITY CLASSIFICATION
MARCONI DRAWING No. L-41-1385	SERVICES DRAWING No.
TITLE CABLE ASSEMBLY	

SECURITY CLASSIFICATION
SERVICES DRG. No.
FIRST USED ON L-45-1754

THIS DRAWING IS NOT TO BE DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN AUTHORITY FROM THE COMPANY
© THE MARCONI COMPANY LIMITED 1982

3rd ANGLE PROJECTION

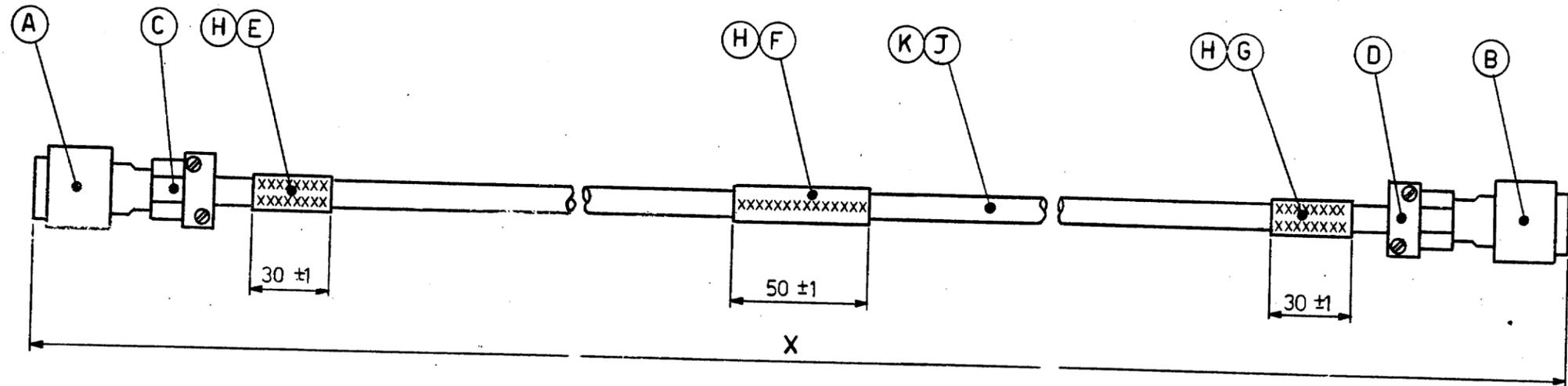


ALL CHANGES TO THIS DOCUMENT ARE LISTED ON L-41-1386

NOTES

- 1 WIRING TO BE IN PARALLEL EG A TO A B TO B ETC.
- 2 CONNECTIONS TO BE INSPECTED PRIOR TO ASSY.
- 3 ITEMS E, F & G TO BE MARKED AS SHOWN IN TABLE IN 5 HIGH BLACK CHARACTERS IN ACCORDANCE WITH MRP-700-02 AND COVER USING SLEEVING (ITEM H).

DATE
E1 0016
27-9-82



A	B	C	D	E		F		G		H	J	K	X	REMARKS	REF
CONNECTOR ITEM N°	CONNECTOR ITEM N°	CABLE CLAMP ITEM N°	CABLE CLAMP ITEM N°	LABEL ITEM N° & MARKING	SLEEVING ITEM N°	CABLE ITEM N°	SLEEVING ITEM N°	LENGTH							
3	10	16	17	25	SCC1887 SK 35	25	CASSEGRAIN CABLE WRAP	25	PAC 1910 PL 8	24	29	---		ALL SCREENS TO BE CONNECTED TO CONNECTOR 'A' ONLY	01
3	10	16	17	25	SCC1887 SK 36	25	CASSEGRAIN TURNTABLE	25	PAC 1910 PL 7	24	29	---			02
3	10	16	17	25	SCC1887 SK 37	25	PRIME FOCUS TURNTABLE	25	PAC 1910 PL 6	24	29	---			03
3	10	16	17	25	SCC1887 SK 38	25	PRIME FOCUS DRIVE	25	PAC 1910 PL 5	24	29	---			04
3	10	16	17	25	SCC1887 SK 39	25	MAIN DRIVE AZIMUTH	25	PAC 1910 PL 4	24	29	---			05
3	10	16	17	25	SCC1887 SK 40	25	MAIN DRIVE ALTITUDE	25	PAC 1910 PL 3	24	29	---			06

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

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

CHECKED JST	APPROVED D. Smith	APPROVED (PROD)	DIMS. IN mm	MATERIAL	MARCONI SPEC.	FINISH	MARCONI SPEC.	TOLERANCES, UNLESS OTHERWISE STATED: +25 -0
DRAWN K.J. Bagwell	TRACED	ISSUED BY D SMITH CONTROL D O LEICESTER	ORIGINAL SCALE 1:1					

MARCONI RADAR SYSTEMS LIMITED K6894 SECURITY CLASSIFICATION
CHELMSFORD & LEICESTER, ENGLAND

TITLE SCC 1887
CABLE ASSEMBLY

MARCONI DRAWING No. L-41-1386
SERVICES DRAWING No.