AIR PUBLICATION 120M-0600-1

## CONNECTORS AND TERMINATIONS: IDENTIFICATION TOOLING AND ACCESSORIES

GENERAL AND TECHNICAL INFORMATION

BY COMMAND OF THE DEFENCE COUNCIL

17. Dunnitt

Ministry of Defence

FOR USE IN THE ROYAL NAVY

(Prepared by the Ministry of Technology)

## AMENDMENT RECORD SHEET

To record the incorporation of an Amendment List in this publication, sign against the appropriate A.L. No. and insert the date of incorporation.

A.L. No.	AMENDED BY	DATE
1		
2		•••••
3		
4		
5	1	
6	INCORPORATED	
7	IN THIS	
8	REPRINT JAN. 1977	
9	1	
10		
11		
12	<b>1</b>	···
13		
14		
15	Milioh he	96001
16		1 "
17	Michely for	250 CTV 050380
18	CPL MCKAY	040281
19	aBes	135\$87
20	53	8 In 82
21	Aylura	3 Mar 82
22	- Ageora	13 1W 80
23		1
24		1
25		1
26		1
27		1
28		
29		•
30		1
31		1
32		1
33		1

A.L. No.	AMENDED BY	DATE
34		
35		
36		
37		
38		
39		
40		
41		
42		Ĭ.
43		
44		
45		
46		<b></b>
47		
48		ļ
49		
50		
51		
52		
53		
54		ļ
55		
56		
57		<b></b>
58	5	
59		
60		
61		
62		
63		
64		
65		1
66		1

		AF 120M-0600-1	
	Chapters	CONTENTS	
	1	GENERAL INFORMATION ON CRIMPING	
	2	CONNECTORS: DESCRIPTION AND IDENTIFICATION	
	2-1	General identification of connectors	
	2-2		
	2-3	Amphenol connectors	
	2-4	Cannon connectors	
		Hellermann Deutsch connectors	
	2-5	Plessey connectors	
	2-6	Thorn Bendix connectors	
	2-7	Military Specification and Miscellaneous Connectors	
	2-8	Souriau Connectors	
	2-9	AMP connectors	
	3	CRIMPED CABLE TERMINATIONS	
	3-1	Various tabulated types of crimped cable terminations	
		for service use	
	3-2	Crimped in-line connectors for unscreened electrical cables	
	3-2-1	Not used	
	4	CRIMPING TOOLS	
	4-1	Crimping tool, hydraulic, Erma 19600	
-	4-2	Crimping tool, hand, M22520/2-01	4
	4-3	Crimping tool, hand, Hellermann	
-	4-4	Crimping tool, hand, M22520/5-01	4
	4-5	Crimping tool, hand, A-MP Termashield	
	4-6	Not used	
	4-7	Crimping tool, hand, Erma MS 3198-1	
	4-8	Crimping tool, hand, Erma M22520/1-01	
	4-9	Crimping tools, hand, PIDG (Pre insulated diamond grip)	
		thin wall cables	
	4-10	Crimping tool, hand, AMP 576 793	
	4-11	Crimping tool, hand, PIDG (pre insulated diamond grip)	
		standard insulation type cables, sizes 12-10, Pt.No.59239-4	
	4-12	Crimping tools, hand, AMP, PIDG (pre insulated diamond grip)	
		standard insulation type cables, sizes 14-16 and 18-20	
	4-13	Crimping tool, A-MP strato-therm 46673, 46988	
	5	CRIMPING APPLICATION	
	5-1	Amphenol connectors	
	5-2	Cannon connectors	
	5-3	Hellermann Deutsch connectors	
	5-4		
	5 <b>-</b> 5	Plessey connectors Thorn Bendix connectors	
	5-6	Miscellaneous connectors	
	5-7	Souriau connectors	
	5-8	AMP rack/panel and HDR series connectors	
	6	INSERTION AND EXTRACTION OF CONTACTS	
	6-1	Front insertion/front release connectors	
	6-1-1	Connector series, Cannon CA-E (F80) and Plessey UK-AN(ET)	
	6-2	Rear insertion/front release connectors	
		#####################################	
	6-2-1 6-2-2	Connector series, Hellermann Deutsch DS Connector series, Hellermann Deutsch DTK-LPT	
	6-2-3	Connector series, Hellermann Deutsch DIK-LPI Connector series, Plessey Mk.6	
	6-2-4		
	6-2-5	Connector series, Hellermann Deutsch HAN Type 2	4
	0-2-3	Connector series, Cannon K-PTM, KM Mk.2 and DPGM series	4
	6-2-6	Connector series, Thorn Bendix PT-SE and PT-CE	
	6-2-7	Connector series, Thorn Bendix CPT-E	
	6-2-8	Connector series, Thorn Bendix PT-CE	
	6-2-9	Connector series, Amphenol Astro 348 (MIL-C-81511)	

## CONTENTS (contd.)

Chapters 6-2-10 6-2-11 6-2-12	Connector series, Souriau 84 Connector series, Amphenol 220 and 223 Connector series, McMurdo 801
6-2-13	Connector series, Cannon 2D
6-2-14	Connector series, AMP H.D.R.
6-2-15	Connector series, Amphenol 48 and 162GB
6-3	Rear insertion/rear release connectors
6-3-1	Connector series, MIL-C-5015F, MIL-C-26482 series 2,
0 3 1	MIL-C-83723, MIL-C-38999, Pattern 602, 614, 616 and terminal junctions
6-3-2	Connector series, MIL-C-38999
6-4	Taper pins
6-4-1	Solid taper pins - Hellermann
6-5	Shielded and coaxial cable stripping tool (Hellermann
	Electric) kit complete Pt.No.15576
7	HEAT SHRINKABLE MATERIALS
7-1	Sleeving
7-2	Solder sleeves
8	WIRE STRIPPERS
9	AIRCRAFT LIGHTWEIGHT CABLES
9-1	Wire classification
10	MODULE ELECTRICAL COMPONENTS