DETAILED INDEX TO THE STRUCTURE AND INDEX

Notes:

1. This Issue 17, Pages 1-56 supersedes Issue 16, Pages 1-65 dated Sep 86 and all Accession Lists thereto.

2. Reissue of this index will be made periodically. Subsequent amendments will be issued on Accession Lists.

3. Single Publications and complete decades which are marked * indicate that they are no longer in general demand and thus depleted stocks have not been renewed. Units should only demand these publications when their requirement is shown to be justified.

4. Distribution class numbers, determined from Form EMER 51 (see EMER Gen A 052 are shown at the right-hand side of the 'Subject' column.

5. Any queries or comments on this index should be addressed to:-

REME PUBLICATIONS CENTRE
REPOSITORY ROAD
WOOLWICH
LONDON SE18 4QA

6. +Denotes EMERs not previously notified on Accession Lists.

7. Only Modification and Miscellaneous Instructions issued within the last 5 years prior to the date of this Index are listed.

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							GENERAL TO TEST AND MEASUREMENT PART	
							GENERAL	
A 000					4	1-14	Test and Measurement Part structure and index	01P
A 001					17	1-56	Test and Measurement Part - Detailed Index	
A 002					1	1	Formation of the Test and Measurement Part	
A 009					1	1-5	Redesignation of Test and Measurement EMERs	
				4*	1	1-2	Cancellation of EMERs	
				8	1	1-4	Cancellation of EMERs	
				9	1	1/2	Cancellation of EMERs (A 317)	
							Materiel quality assessment - principles and practices in REME	
A 028			000		5	1-5	List of chapters	06A
			001		1	1-4	General information	
					2	5-6		
					1	7		
			003		1	1-77	Index of inspection standards	
			006		2	1-2	Materiel condition codes	
			007		2	0	Standards of appearance	
					1	1-10		
					2	11-12		
			010		1	1	General information and list of chapters	
			011		1	1-20	Dye penetrant flaw detection	
			012		1	0	Magnetic particle flaw detection	
					2	1-2		
					1	3-17		
					2	18-24		
					1	25-31		
			013		1	1-4		
			014		1	1-20	Eddy current crack detection	
			015		1	i-iv	Ultrasonic flaw detection	06A
						1-40		
			056		1	1-2	Inspection and testing of mechanical components	
					2	3		
					1	4-11		
			057		1	1-14	Inspection, examination and testing of hydraulic components and assemblies	
			060		1	1-12	Inspection & examination of ball and roller bearings	
			061		1	1-7	Failure diagnosis - Hydraulic systems	
			062		1	1-27	Inspection and testing of electrical assemblies	
			063		1	1-6	Inspection and test of secondary batteries	
			065		1	1-4	Inspection and testing of printed electronic circuits	
			066		1	1-18	General principles of inspecting and testing rotating electrical machinery	
			069		1	1-7	Data sheets to use with electrical test equipment	
			100		3	1-6	Index to engine instruction sheets	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
			100		5	0-01	Testing internal combustion engines	06C
					1	1-23		
							AEC instructions - 6 cyl engines	
A 028			100	1	2	1/2	Type A223	
				2	1	1	Type AV505/5AA	
				3	2	1-2	Type AV505/5C	
				4	1	1	Type AV690/5AB	
				5	1	1	Type AV691/5ANX	
				6	2	1-2	Type AH760/6AK	
				7	1	1-2	Type AV760/5AZ	
				8	2	1	Type AV760/5BX	
				9	2	1	Type AV760/5CX	
				10	1	1	Type AV760/5FGX	
				11	4	1-2	Type AV760/5AMX and AV760/5CEX	
				12	1	1	Type AV691/5BX and BRX	
				13	1	1	AEC - 6 cyl type AV 505/5W	
				14	1	1/2	Engine Diesel 6 Cyl AEC Type AV 690/4A	06C
				15	1	1	6 Cyl type AV 691/4A	
				16	1	1/2	6 Cyl AEC type AV 760/5 EAX	
				17	1	1-2	6 Cyl AEC type AV 760/5 SE	
				18	1	1/2	6 Cyl - engine diesel	
				19	1	1/2	6 Cyl - engine diesel	
				20	1	1/2	6 Cyl - engine diesel	
							Albion instructions	
				1	1	1	4 cyl - type EN286B and 286E	
							Austin instructions	
				1	1	1	4 cyl - type 1800 Mk 2 (low compression)	
				2	1	1	6 cyl - type K9	
							Bedford instructions	
				1	1	1	4 cyl - 97in^3	
				2	1	1	4 cyl - 107.5in^3	
				3	1	1	6 cyl - 214in^3	
				4	1	1	6 cyl - 300in^3	
				5	5	1-2	6 cyl - 330in^3	
				6	1	1	6 cyl - multi-fuel 330 in^3 type MK	
				7	1	1-2	6 cyl - multi-fuel 330 in^3 type Mk	
				8	1	1/2	4 cyl - Gasoline 139 in^3	
				9	1	1-2	6 cyl - Diesel 330 in^3	
				10	1	1/2	6 cyl 381 in^3	
				11	1	1/2	Engine Diesel 6 Cyl Bedford 466 in^3	
				12	1	1/2	6 cyl - Diesel 500 in^3 (Turbo)	
				14	1	1-2	4 cyl Bedford 220 in^3	
				15	1	1/2	Engine Diesel 6 Cyl Bedford 330 in^3 (Turbo charged)	06C
				16	1	1/2	6 cyl Bedford	
				17	1	1/2	6 cyl 500 in^3	
				18	1	1/2	6 cyl Bedford 500 in^3 (PHASE II)	
				19	1	1/2	6 cyl Bedford 500 in^3 (DE-RATED)	
				20	2	1/2	6 cyl Bedford 300 in^3 (See Serial 9)	
				21	1	1/2	6 cyl 330 in^3	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							BSA instructions	
				1	1	1	1 cyl - 500cm3 type M20	
							David Brown instruments	
				1	1	1/2	Engine diesel, 3 cyl series 355011	
				2	1	1/2	Engine diesel, 4 cyl AD4/47 & 43	
							Caterpillar instructions	
A 028			100	1	1	1	4 cyl - type D4400	06C
				2	1	1	2 cyl - (starting engine for D4400 engine)	
				3	1	1	6 cyl - type D13000	
				4	1	1	2 cyl - (starting engine for D13000 engines)	
				5	1	1	6 cyl - type D333C, (normally aspirated)	
				6	1	1	6 cyl - type D333C (turbo-charged)	
				7	1	1	6 cyl - type D336TAV8	
				8	1	1	6 cyl - type D342 (turbo-charged) - Caterpillar	
							Chrysler instructions	
			100	1	1	1/2	Chrysler gasoline and Cul Model HT-413 VEE 8	06C
							Commer instructions	
				1	1	1	6 cyl - type Q4	
							Coventry Climax instructions	
A 028			100	1	1	1	4 cyl - type SR356	
				2	2	1	3 cyl - type H30 No 4 Mk 7A	
				3	6	1-2	3 cyl - type H30 No 4 Mk 10A	
				4	1	1-2	4 cyl - type CDE 425/25 and CDET 425/13	
				5	1	1-2	Gasoline, 4 cyl, - type BFF	
				7	1	1/2	Coventry Climax OHC FWMR Series	06C
							Coventry Victor instructions	
				1	1	1	4 cyl - type AC4	
							Cummins Instructions	
				1	1	1	8 cyl - model V-903 in^3 (821-8899)	
				2			8 cyl - model V-903 in^3 (827-1082)	
			100	1	1	1/2	3 cyl David Brown, Series 355011, 165 in^3	
				3	1	1/2	Engine diesel, 6 cyl	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Detroit Instructions
				1	2	1-2	4 cyl - series 4-7 in. model 1043-8030
				2	1	1	6 cyl - series 6-7 in. model 1063-7030
			100	1	1	1/2	6 cyl Dorman - type 6DA
							Ford instructions
				1	1	1	4 cyl - type 1.1 litre (low compression)
				2	1	1	4 cyl - type 4D 592E
				3	2	1-1	4 cyl - 60deg Vee
				4	1	1-2	6 cyl - type 2704ET
				5	2	1-2	4 cyl - type 1.3 litre (low compression)
				6	1	1	4 cyl - model 2712E 254 in^3
				7	1	1	4 cyl - model 2714E 380 in^3
				8	1	1	4 cyl - type 592E - Ford 3
				9	1	1/2	6 cyl - model 2715E, 380 in^3
				12	1	1/2	4 cyl - OHC 2 litre
				13	1	1/2	6 cyl - Ford V6
				14	1	1/2	3 cyl -
				15	1	1/2	6 cyl -
							Gardner instructions
				1	1	1	6 cyl - type 6LW
							GMC instructions
				1	1	1	6 cyl - type 270
							International instructions
				1	1	1	4 cyl - type BD-264
				2	1	1/2	4 cyl - type D206
							Jaguar instructions
				1	1	1	6 cyl - type 4.2 litre
				2	1	1-2	6 cyl - type J60, No 1, Mk 100B 4.2 litre
				3	1	1-2	6 cyl - type J60, No 1, Mk 100A 4.2 litre
				4	1	1/2	6 cyl - 4.2 litre
							Leyland instructions
				1	1	1	6 cyl - type UE 350
				2	1	1	6 cyl - type HAU 370/4
				3	1	1-2	6 cyl - type UE401/151
				4	1	1	6 cyl - type UE 600/28, 600/57, 600/57/2, 600/83/1 and 600/83/3
				5	1	1	6 cyl - type EO 600/270A
				6	1	1	6 cyl - type UE 600/410
				7	1	1	6 cyl - type UE 680/28A
				8	1	1	6 cyl - type UE 680/110
				9	1	1	6 cyl - type UE 680/58
				10	1	1	6 cyl - type UE 680/98/E
				11	3	1-2	6 cyl - L60, No 4 Mk 4A, 5A and 6A
				12	5	1-2	6 cyl - L60, No 4, Mk 7AS, 11A
				13	1	1	4 cyl - 1,798 litre
				14	1	1	6 cyl - type UB680/265/5

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
				15	1	1	6 cyl - type UE 400/99	06A
				16	2	1-2	4 cyl - type 1.7 litre	06C
				17	1	1-2	Diesel engine 6 cyl Leyland	
				18	1	1/2	6 cyl - type E0680/2034B/9	
							Lister instructions	
				1	1	1-2	3 cyl - type JP3 (27/3)	
							Meadows instructions	
A 028			100	1	1	1	4 cyl - type 4DJ/420	
				2	1	1	4 cyl - type 4DJ/420, Mk 7	
				4	1	1/2	4 cyl - type 4DJ/420, Mk 7/4	
							Mercedes-Benz	
A 028			100	1	1	1/2	6 cyl - type 352	06C
							Morris instructions	
				1	1	1	4 cyl - type USHNM A41 Mk 2, 2/1, 2A/1 and 2A/ 2	
				2	1	1	6 cyl - SEA/5 (6.4:1 comp ratio)	
				3	1	1	4 cyl - (BLMC) type 0.848 litre	
				4	1	1	4 cyl - (BLMC) type 1.098 litre	
				5	1	1-2	4 cyl - (BLMC) type 1.622 litre	
				6	1	1	4 cyl - (BLMC) type 1.5 litre	
							Onan instructions	
				1	1	1	2 cyl - type CCK	
							Perkins instructions	
				1	1	1	3 cyl - type 3.152	
				2	1	1	3 cyl - type AD3.152	
				3	1	1	3 cyl - type A3.152	
				4	1	1-2	3 cyl - type D3.152	
				5	1	1	4 cyl - type 4.203	
				6	1	1	4 cyl - type 4.203	
				7	1	1	4 cyl - type 4.203	
				8	1	1	4 cyl - type 4.236	
				9	1	1	6 cyl - type 6.354	
				10	1	1	6 cyl - type 6.354	
				11	1	1	6 cyl - type 6.354	
				12	1	1	4 cyl - type 4.236	
				13	1	1	6 cyl - type 6.354	
				14	2	1/2	8 cyl - type 8.510	
				15	1	1	8 cyl - type V8.540 (209-2556)	
				16	1	1	8 cyl - type V8.540 (209-7160)	
				17	1	1	8 cyl - type V8.540 (214-1031)	
				18	2	1/2	8 cyl - type V8.540 (214-1022)	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
				19	1	1	8 cyl - type V8.540 (214-1813)
				20	1	1	6 cyl - type T 6.3543
				21	1	1/2	6 cyl - type 6.3544
				22	1	1/21	4 cyl - type 4.236
				23	2	1/2	Perkins type 4.2032
				24	1	1/2	4 cyl - type 4.203
				25	1	1/2	Engine Diesel 6 cyl - type 6.354
				26	1	1/2	Engine Diesel 6 cyl - type 6.354
				27	1	1/2	4 cyl - type T4 236
				28	1	1/2	4 cyl - type 4.236
							Petter instructions
				1	1	1	2 cyl - type PU8, No 1, and 2
							Rolls Royce instructions
				1	1	1	6 cyl - type B60 Mk 2A
				2	2	1	6 cyl - type B60 Mk 3A
				3	1	1-2	8 cyl - type B80 Mk 2H, 2P, 3A, 5H, 5L, 5P, 6A and 6D
				4	2	1-2	8 cyl - type B81, No 1, Mk 8B and 8F
				5	2	1-2	8 cyl - type B81, Mk 5H
				6	1	1	12 cyl - type Meteor Mk 4B
				7	1	1-2	6 cyl - type K60, Mk 4FC, 4G and 6F
				8	1	1	6 cyl - type C6 NFL series 140 and 143
				9	1	1	6 cyl - type C6, SFL
				10	1	1	6 cyl - type C6, TFL
				11	1	1	8 cyl - type C8NFL/2824
				12	1	1	8 cyl - type C8 SFL/843
				13	2	1	6 cyl - type 220 Mk III NA
				14	1	1-2	6 cyl - type 305 Mk III Tc
				15	2	1-2	6 cyl - model C6TFR
				16	1	1/2	Engine Diesel 12 cyl cyl CV
				17	1	1-2	Eagle type 26L
				18	1	1/2	4 cyl - engine diesel
				19	1	1/2	6 cyl - type 350
							Rover instructions
A 028			100	1	1	1	4 cyl - 2¼ litre (compression ratio 7.0:1) 06C
				2	2	1-2	4 cyl - 2¼ litre (compression ratio 8.0:1)
				3	1	1	6 cyl - 2.6 litre (compression ratio 7.8:1)
				4	1	1	6 cyl - 2.6 litre (compression ratio 7.0:1)
				5	1	1	8 cyl - Vee 2158
				6	1	1	4 cyl - 2¼ litre - Rover
				7	1	1	4 cyl - 2¼ litre - Rover
				10	1	1-2	8 cyl - V-8 3528 CM

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Sabre instructions	
A 028			100	1	1	1-2	6 cyl - 212 (Basic Engin type 2704ET)	06C
							Vauxhall instructions	
				1	1	1	6 cyl - 201 in.	
							Volkswagen instructions	
					1	1	4 cyl - type 127/M889	
			100	2	1	1/2	4 cyl - type 126A	06C
							Volvo instructions	
				1	2	1	Volvo - 4 cyl, type B 18	
				2	1	1	Volvo - 4 cyl, type B20-498220	
			101		1	0-01	Governor settings for A,B,& C wheeled	06A
					2	1-12	vehicles	
					1	13-18		
			102		1	0-07	Engine analysers	
					2	08-09		
					1	010/011	Engine analysers vehicle date sheets	06A
					1	1	General information	
					3	1-2	Index to vehicle data sheets	
			105		1	1	Suspension	
					1	0	The inspection, testing, life and	
					4	1-7/8	storage of hydraulic and pneumatic hoses	
			106		2	1-5/6	Inspection of tyres	
					4	1-2		
					2	3-5/6		
					1	7-22		
			150		2	0	General principles of quality	
					3	1-4A	assessment of vehicles, mechanical	
					2	5-63	handling and mobile equipments	
			151		9	1-2	Assessment of braking performance of wheeled vehicles	
					8	3-7/8	Braking performance of wheeled vehicles Quality assessment level - braking performance Wheeled A, B and C vehicles, semi-4 trailers and drawbar trailers	
			152		2	0	General priciples of quality assessment	
					1	1-8	vehicles and equipment used in hazardous	
					2	9-11	areas	
			153		2	0	Quality assessment - liquid coolant	
					1	1-23	systems	
			154		1	1-5	General principles for the quality assessment of low pressure flexible hoses	
			155		2	0	Inspection of waterproofing materials	
					2	1-14	and kits	
			156		1	0	Examination of steering system of	06A
					1	1-8	Wheeled Vehicles and mobile equipments.	
			157		8	1-6	Inspection of recovery equipment including powered and hand operated winches and cranes fitted to recovery vehicles, winch fitted to GS and CL	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							vehicles, and winch ropes, tow ropes, strops and round slings	
			158		1	0	Examination of lighting systems	06A
					1	1-2	of vehicles and mobile equipment	
					2	3-4		
					1	5-13		
			160		1	1-5	Vehicular flotation equipment	
					1	1	Supp 1 - Pressure testing of HMLC Stalwart body panels	
					1	1-2	Supp 2 - Flotation screen - crew repair technique	
A 028					1	1-9	Supp 3 - Flotation screen - Workshop repair technique	
			200		1	0	Principles of quality assessment of 'A'	
					1	1-32	vehicles	
			201		1	1-5	Measurement of drift (tracking) A vehicles	
			203		1	1-4	Liquid fuel consumption figures for 'A' vehicles	
			300		1	1-2	Quality assessment of 'B' vehicles and mobile equipments	
			301		4	1-13/14	Liquid fuel consumption; target figures (miles per gallon) for B vehicles	
			302		3	1/2	Transferred to Whd Veh A 300 trucks tanker fuel, refuellers, and ground bulk refuelling equipment.	
			303		1	1-7/8	Inspection of chassis frames and heat treatment specifications	
			304		1	0	Vehicle testing using static road test	06A
					1	1-6	equipment	
					2	7-8		
					1	9-10		
			305		3	1-4	Examinations and inspections of	
					2	5-6	international standards organisation	
					3	7-8		
					2	9-14		
					3	15-22		
					2	23-26		
					3	27/28		
			350		1	0	General principles of quality assessment	
					1	1-31	of 'C' vehicles (excluding cranes)	
			360		1	1-11	Inspection of tracks and track running gear fitted to 'C' vehicles	
			380		1	0	General principles of quality assessment	
					1	1-22	of mobile cranes	
			400		1	0	General principles of quality assessment	
					2	1-2	of mechanical handling equipments	
					1	2A-2C		
					1	3-8		
					2	9-10		
					1	11-18		
					2	19-20		
					1	21		
			420		3	0	Weapons other than guided weapons	
					1	1-2		
					2	3-3A,4		
					1	5-6		
					2	7-12		
			422		1	0	Inspection of ordnance, crack detection	
					1	1-24	of barrels, breech mechanisms and chambers	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
			425		2	1-2	Inspection of light weapons and associated stores
					1	3-6	
			428		1	0	Test firing of light weapons by REME
					3	1-4	
					2	5-6	
					3	7-8	
					1	9-26	
					2	27-28	
					1	29-36	
					2	37-52	
			500		2	0	Inspection of optical and mechanical instruments
					1	1-12	
					2	13	
			504		1	1-10	Inspection and testing of night viewing devices
			520		1	0	General principles of inspection and testing of medical and dental equipments
					1	1-4	
					2	5-6	
					1	7-11	
			550		1	1-21	General principles of quality assessment of radar equipments
			552		1	1-3	Inspection and testing of microwave generators
			555		1	1-3	Inspection and testing of waveguides
			556		1	1-16	Inspection and testing of servo and data transmission components
			601		1	1-5	General principles of quality assessment of digital computers
			620		1	1-8	General principles of inspection and testing electronic equipment of heating and ventilating equipment
			626		1	1-6	General principles of quality assessment of antenna masters
			650		1	0	Inspection and testing of lifting equipment
					4	1-12	
					5	13-14	
					4	15-21	
					5	22	
					4	23-26	
					5	27-28	
					4	29-31	
					6	32	
					1	32A	
					4	33	
					5	34	
					4	36-37	
					5	38	
					4	39-40	
					5	41-42	
					4	43-51	
			651		1	1-7	Inspection, testing and examination of heating and ventilating equipment
			652		1	0	Examination and testing of air receivers and steel and alloy pressure vessels (excluding boilers)
					4	1-28	
					2	28A-28B	
					5	29-30	
					1	31-46	
					6	43-44	
			653		1	1-22	Examination and testing of steam boilers and steam receivers

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
			654		2	1-7	Examination and testing of breathing and Diving apparatus
			655		1	1-22	Inspection, testing and examination of welding equipment
			656		1	1-5	Inspection, testing and examination of air compressors
			657		1	1-16	General principles of quality assessment of mechanical refrigeration air conditioning plant and dehumidifiers
			658		1	1-9	Inspection testing and examination of fire pumps couplings and hoses
			659		1	1-5	Inspection and examination of truck mounted transportable containers
			660		1	1-5	Inspection and examination of pallets and restraining devices
			661		1	1-17	Inspection, testing and examination of portable conveyors
			662		1	1-21	Inspection, testing and examination of minelaying equipment
			663		1	1-25	Inspection, testing and examination of harbour equipment
			664		3	1-6	Inspection, testing, examination and making of axle stands, vehicle stand, vehicle ramps and loading platforms
			700		1	1-18	General principles of inspection and testing of generator sets
			710		2	1-2	General principles of inspection and testing of battery chargers and rectifiers
					1	3-13	
							GENERAL PRINCIPLES
A 050*							
							GENERAL STANDARDS
A 100*							
							CALIBRATION AND INSPECTION
A 205*							
							TEST AND MEASUREMENT DATA
							EQUIPMENT
A 317*							
							Calibration of mechanical and electrical test and measurement equipment
A 318					1	1-12	Calibration procedure
			000		1	1/2	Chapter plan
			001		1	1-4	General information
			002		1	1-7	Calibration periods

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
					3	1001-1041		
			003		1	1-4	Management and Operation of the mechanical reference standards packages	
	1		022		1	1-2	Cross check calibration procedure for external micrometers	
	1		301		1	1-4	Calibration procedure - Torque wrenches	06A
	2		021		1	1-4	Calibration procedure - Indicators Dial	
			022		1	1-4	Calibration procedure for external micrometers	
			023		2	1-2	Calibration procedure for vernier	
					1	3-7	callipers	
			024		2	1-7	Micrometer depth gauges (0-9 in.)	
			025		1	1-6	Sigma comparator model - 6 in. x 1500	
			026		1	1-8	Calibration procedure	
			201		1	1-5	Air pressure gauges calibration periods	
			202		1	1-5	Hyd pressure gauges calibration periods	
			242		1	1-5	Calibration procedure	
			300		1	1-6	Instrument checking alignment AFV No.10	06A
			302		2	1-11	Tester, torque wrenches	
			303		1	1-8	Acratork calibration rig - calibration calibration procedure contents	
			401		1	1-3	Extension type spring balnces (up to 120 lbf)	
			402		1	1-6	Weighing machines, various	
			403		2	1-2	Calibration procedure for W3	
					1	3-7	6635-99-206-2181 Test Spring	
			451		2	1-11	Calibration procedures for surface plates	
			452		1	1-4	Calibration procedures for straight edges	
			453		1	1-6	Squares, try, engineers, grades A & B	
			500		1	1-4	Tapley brake meter calibration procedure	
			501		1	1-5	Tapley Brake Meter Calibration Rig - Contents	
	3		022		1	1-7	Calibration procedure for external	
	3		100		1	1-5	Cylindrical squares	06A
			241		1	1-15	CalibrationiProcedure Thermometer Digital (Zentron) Type DTl	
			454		1	1-6	Optical flats and parallels	
							TEST AND MEASUREMENT PRACTICES	
A 500* to A 521*								
							VOLTAGE AND CURRENT MEASUREMENT	
							GENERAL	
B 001* to B 003*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							MULTIMETERS NON-ELECTRONIC	
B 010* to B 019*								
							Multimeter, set, CT 498A and CT 498 (AVO 95X)	
B 020* to B 029*								
							Multimeter, AVO, multiminor, Mk 2 and 4	
B 030* to B 039*								
							Multimeter, set, No 1 Mk 2 and No 1 Mk 3	
B 040					1	0/01	Data summary	86R
					3	1-4		
B 042					4	0-01	Technical description	
					2	02		
					2	1-2		
					3	3-4		
					2	5-6		
					1	7-10		
					2	11-12		
					1	13-14		
					2	15-16		
					3	17-18		
					1	1001-1009		
					1	2001	FORWARD coding	
B 046					3	1-3	Repair charts	
B 047				1	2	1-3/4	Replacement of variable resistor 18 K ohm (RV2)	86R
				2	1	1-3/4	Replacement of variable resistor 18 K ohm (RV2)	86R
B 048					1	0	Inspection standards	
					3	1-4		
B 049					1	1	Miscellaneous instruction index	
				1	1	1	Splitting of terminal caps on front panel	
				2	1	1	Change of equipment designation	
							Instrument, testing, Avometer, heavy duty, 18-range	
B 080* to B 088*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Instrument, testing, Avometer, model 8S, 28-range	
B 090* to B 099*								
							Instrument, testing, Avomi 22 range, No 1 and No 2	
B 100* to B 109*								
							Test sets, portable, No 2, Mk 2	
B 140* to B 149*								
							MULTIMETERS, ELECTRONIC	
							Multimeter digital, solartron type 1240	
B 200					1	1-4	Data summary	S
							Multimeter, set, electronic CT 569	
B 260					2	0	Data summary	87Q
					2	1-4		
B 261					1	0-01	Operator's instructions	
					1	1-10		
B 262		1			1	0-01	Technical description	
					1	1-13		
		2			1	01	Technical description	
					2	1001-1014		
B 264					1	0-01	Field and base repairs	
					2	1-23		
B 267					1	1	Modification instruction index Mod Instrs 1-3 (see page 1 para 7)	
				3*	1	1-4	Replacement of unobtainable valve retainer for V2	
				4	1	1-5/6	Improvement in heat dissipation	87Q
B 279*								
							Multimeter set electronic CT 471 and CT471C	
B 280					3	1-4	Data summary	
B 281					1	1-13	Operators instructions	
B 282		1			1	0	Technical description	
					1	1-24		
					1	1001-1002		
		2			1	0-01	Fault finding and repair data	
					1	1001-1007		
					1	1007A-1007B		
					1	1008-1034		
					1	1-2	Modification Instruction Index	
B 284					1	0-01	Field and base repairs	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
					1	1-24		
					2	25-26		
					1	27-32		
					1	1001-1006		
B 287					1	1-2	Modification Instruction Index Mod Instrs 1-11 (see page 1 para 7)	
B 289					1	1	Miscellaneous Instruction Index Misc Instrs 1-6 (see page 1 para 7)	
				6	2	1/2	Declaration of obsolescence	
							Instrument, testing, electronic, multi-range, No 1	
B 290* to B 299*								
							VOLTMETERS, ANALOGUE	
							Voltmeter, electrostatic, 5-18kV	
							Voltmeters, portable, a.c./d.c., 0-15, r.m.s., thermocouple, No 1	
B 460* to B 462*								
							Voltage detection meter, Fairey, type A	
B 512					1	1-2	Technical description	830
							Voltmeter, valve, No 2, Mk 1 and 1/1	
B 550* to B 559*								
							Voltmeter, valve, No 3	
B 560* to B 569*								
							Voltmeter, set, electronic (Hewlett Packard 419A)	
B 580* to B 587*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Voltmeter, electronic (Marconi type TF 2600)	
B 590* to B 599*								
							Voltmeter, electronic, set CT 88 and CT 89	
B 600					1	1-3	Data summary	
B 602					1	2001	FORWARD coding	
B 607					1	1	Modification instruction index	
				1*	1	1-5	Replacement type of micrometer	
							Voltmeter, set, electronic, TF 2603	
B 620					1	0-01	Data summary	
					1	1-4		
B 622					1	0-02	Technical description	
					1	1-45	Pages 36, 38, 40, 42, 44 are blank	
					1	2001	FORWARD coding	
B 627					1	1/2	Modification Instruction index	
				1	1	1-7/8	Replacement of unreliable taco chopper (CB1711) or unobtainable electronic chopper (C1417-S1)	
B 629					1	1	Miscellaneous instruction index	
				1*	1	0	Equipment chassis - insulation adjacent	
					1	1-2	to power supply PCB	
							Electrometer, Pitman type 437	
B 630*								
							Galvamp type 391 and 391.2	
B 640					1	1-3	Data summary	86S
B 647					1	1	Modification instruction index	
				1*	1	1-4	Addition of identification and modification record labels	
							Voltmeter RMS HP3400A	
B 650					1	1-4	Data summary	88L
B 654	5				1	1-3	Calibration procedure	
					2	3-6		
					1	1001-1002		
B 656					1	1-3	Repair Charts	88C
							VOLTMETERS DIGITAL	
							Voltmeter digital set CT 577/3	
B 700					1	0	Data summary	
					2	1-2		
					3	3-6		
B 702					1	0-04	Technical description	
					1	(4)	Technical description (manufacturers	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
					1	1.1-5.5	handbook)	
					1	2001	FORWARD coding	
B 704	5				1	1-17/18	Calibration procedure	88L
B 706					2	0/01	Repair charts	
					3	1-2		
					2	3-4		
					1	5-8		
					2	9-10		
					1	11		
B 707					1	1	Modification instruction index	
							Mod Instrs 1-8 (see page 1 para 7)	
				8*	1	1-3	Immediate - Addition of Warning Label concerning use in the ATE radio, field repair	
B 709					1	1	Miscellaneous instruction index	
							Misc Instrs 1-2 (see page 1 para 7)	
				2*	1	1-2	Replacement HF probe	
							Voltmeter, digital, set, CT 470	
B 710* to B 719*								
							Voltmeter, digital (DM 2003)	
B 720* to B 728*								
							Voltmeter digital (Solartron LM 1619)	
B 730*								
							Voltmeter set digital type 7040	
B 740					1	1-2	Data summary	87Q
					2	3-4		
					1	5-6		
B 742					1	01/02	Technical description	
					1	Various	Technical description - (Section 1-6 etc)	
					1	2001	FORWARD coding	
B 744	5				1	1-13/14	Calibration procedure	87Q
B 747					1	1	Modification instruction index	
				1*	1	0	Prevention of damage to the instrument	
					1	1-4	caused by voltage spikes	
B 749				1	1	1/2	Replacement LED Display Assembly	87Q
							Voltmeter set, digital, type 1041M	
B 750					3	1-6	Data summary	
B 752		0			1	1	List of sections	
		1			1	1-3	Installation and switch on	
		2			1	1-9	Controls and connections	
		3			1	0	Operation and applications	
					1	1-9		
		4			1	0	Technical description	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
					1	1-26		
					2	27-29		
		5			2	0-01	Maintenance	
					1	1-12		
					2	13-15/16		
		6			1	0/01	Parts list	
					1	1-19		
		7			1	0/01	Circuit diagrams and layouts	
					1	1-19		
B 754					1	1-25/26	Calibration Procedure	87Q
B 756					1	1-7	Repair charts	
B 757					1	1-2	Modification instruction index	
				1	1	1-4	Ohms assembly type 02 - fitment instructions	
B 759				1	1	1/2	Provision for equipment to be supplied with probe adaptor	87Q
							Voltmeter selective (Schlumberger) FAXDI20S C/W manual attenuator	
B 850* to B 857*								
							FREQUENCY MEASUREMENT	
							CALIBRATORS FREQUENCY	
							Calibrator, frequency, 1 to 1000	
D 010* to D 012*								
							Generator, frequen Racal, Type MA 258	
D 050* to D 052*								
							Generator, reference signal	
D 070					1	1-2	Data summary	88F
					2	3-4		
D 072					1	1-6	Introduction	
			1		1	1-2	General description	
			2		1	1-2	Preparation and operating	
			3		1	1-2	Principles of operation	
			4		1	1-4	Circuit description	
			5		1	1-4	Maintenance	
			6		1	1-8	Parts list	
			7		1	1-6	Circuit diagram and layout - Page 6 Blank	
					1	2001	FORWARD coding	
					2	7-5		
D 076					1	0	Repair charts	
					1	1-4		
					2	5-6		

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
					1	7		
D 077					1			
							COUNTERS AND CONVERTERS FREQUENCY	
							Counter, TF 1317	
D 300* to D 318*								
							Counter, electronic frequency set, CT574/3	
D 320					1	1-3	Data summary	87F
D 322					1	0-05	Technical description	
					1		Technical description - not page numbered	
					1	2001	FORWARD coding	
D 324		5			1	0	Calibration procedures	
					1	1-10A		
					1	11-14		
D 327					1	1	Modification instruction index	
							Mod Instrs 1-3 (see page 1 para 7)	
D 329		-			1	1	Miscellaneous instruction index	
							Misc Instrs 1-5 (see page 1 para 7)	
				4*	1	1	Replacement of unobtainable capacitors	
				5*	1	1	Replacement of Transistor 2N 5401 with BFW 44. on failure	
				6	1	1/2	Timing errors when using with clansman field ATE	88F
							Counter, electronic, frequency CT 576A/III (Racal 836S)	
D 330* to D 339*								
							Frequency divider set	
D 340					1	1-2	Data summary	
					2	3		
D 342					1	i-ii	Technical description	
					1	1-77		
					1	2001	FORWARD coding	
D 344	5				1	1-3	Calibration procedure	
D 347					1	1	Modification instruction index	
				1*	1	0	Embodiment of RF Fuse unit	
					1	1-2		
					2	3-4		
				2	1	1-4	Fitting of Rosan nuts and a cover assembly	87F
D 348					1	1-3/4	Inspection standards	87F

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Counter electronic frequency Racal type 9522 (with option 03)	
D 350					1	1-4	Data summary	
							Frequency multiplier, Racal 9064	
D 360					1	1-2	IMMEDIATE - Data summary	88C
					3	3		
D 362					1	0-01	Technical description	
					1	1-7		
			1		1	1-4	Introduction	
			2		1	1-5	Principles of operation	
			3		1	1-12	Technical description	
			4		1	1-18	Maintenance	
			5		1	1-7	Fault location	
			6		1	1-31	Parts list	
			7		1	1-16	Circuit diagrams and layouts	
					2	17-18		
					1	19-22		
					1	2001	FORWARD coding	
D 364	5				2	1-20	Calibration procedure	
D 366					1	0-02	Repair charts	
					1	1-4		
					2	5-6		
					1	7-8		
D 367		-			1	1	Modification instruction index	
							Mod Instrs 1-3 (see page 1 para 7)	
				3	1	0	Prevention of oscillator failure	88C
					1	1-4		
				4	1	1-4	Reduction of harmonic distortion	88C
D 369				1	1	1/2	Test point numbering on P.E.C. 19-0730	88C
							Counter timer Dana 8015B	
D 370					1	0-02	Data summary	87F
					1	1-5		
D 372					1	0-03	Technical handbook	
					1	Various		
D 374	5				2	0	Calibration procedure	
					1	1-8		
					2	9-10		
					1	11-18		
						1001-1002		
D 376					1	1-3	Repair charts	
							FREQUENCY METERS AND WAVEMETERS	
							Frequency measuring equipment, Schomandl FD1/FDM1	
D 600* to D 602*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Frequency meter, u.h.f., 450-1000Mc/s
D 610* to D 612*							
							Wavemeter, type WM 16/1
D 630*							
							Frequency meter SCR 211
D 640* to D 649*							
							Wavemeter No 4, Mk 1
D 670* to D 679*							
							Wavemeter, type X532B
D 720* to D 724*							
							POWER MEASUREMENTS
							DUMMY LOADS
							Dummy load electrical 36kW
E 200* to E 204*							
							WATTMETERS
							Note: See also T & M D 700-709
							Wattmeter, absorption, h.f., No 2
E 400* to E 409							
							Test set RF power
E 410* to E 412*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Wattmeter, absorption, a.f., No 1
E 420* to E 429*							
							Wattmeter, absorption, s.h.f., No 1
E 430* to E 439*							
							Wattmeter, absorption, TF 1020A/4M1 and TF 1020A/5M1
E 440* to E 447*							
							Wattmeter, absorption, CT 417
E 450					2	1-3	Data summary
E 451					2	1-6	Operators instructions
E 452					2	1-2	Technical description
					2	1001-1002	
					1	2001	FORWARD coding
E 454					2	1-7	Field and base repairs
E 457					1	1	Modification instruction index
							Mod Instrs 1-4 (see page 1 para 7)
							Wattmeters, absorption, CT418, CT419
E 460* to E 468*							
							Wattmeter, absorption, r.f., CT 402
E 470* to E 479*							
							Wattmeter, absorption, CT 550
E 480* to E 484*							
							Meters, output power, No 1,2,3 and 5
E 490* to E 499*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Meters, output power, No 1, Mk 1 and 2
E 500* to E 509*							
							Meters, output power, No 3, Mk 2
E 510* to E 519*							
							Meters, output power, No 4, Mk 1
E 520* to E 529*							
							Meters, output power, No 5
E 530* to E 539*							
							Wattmeter absorption set CT 495
E 540* to E 549*							
							Wattmeter, absorption, set, CT 499
E 550					1	1-2	Data summary
					4	3	
E 552					1	0-01	Technical description
					1	1-37	(Pages 2,5,20,34 & 36 blank)
E 554	5				1	1-11	Calibration procedure
						1001	
E 557					1	1	Modification instruction index
							Mod Instrs 1-4 (see page 1 para 7)
				4*	1	1-3	Fitting of warning label concerning use of input connectors
							SIGNAL SOURCES
							SIGNAL GENERATORS
							Note: Test oscillators are included in this section if they provide full signal generator facilities. Otherwise see 'Test Oscillators'.

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
F 010* to F 019*							Signal generator set, CT 572/2 and Marconi type TF 2002
F 020* to F 024*							Signal generator set TF 2002B
F 040* to F 047*							Signal generator, set, CT 452A
F 060* to F 069*							Signal generator No 8
F 070* to F 079*							Signal generator, portable, AVO, No 2
F 080* to F 087*							Signal generator, set, Marconi, type TF1060/3S
F 090* to F 097*							Signal generator, set, CT 394B
F 130* to F 138*							Generator, signal, TF 1370

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Oscillator, test, No 2
F 150* to F 159*							
							Signal generator No 12 and No 12/2
F 170* to F 179*							
							ator No 16
F 200* to F 209*							
F 240* to F 249*							
							Signal generator set, AM/FM, Marconi type 1066B/6S
F 250* to F 254*							
							Signal generator No 10
F 260* to F 269*							
							Synthesizer, (electrical frequency) type FSD120S and Synthesizer, (electrical frequency) type FSD 120M
F 310* to F 319*							
							Synthesiser, frequency, set CT 562
F 320					2	0/01	Data summary 88F
					1	1-4	
					2	5-6	
F 321					1	1-4	Contents
					1	5-9	Technical specification
			1		1	1-2	Introduction
			2		1	1-8	Preparation for use
			3		1	1-8	Operating

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
F 322					1	0-07/08	Technical description	
					1	1-19		
			1		1	1-11	Introduction	
			2		1	1-9	Principles of operations	
			3		1	1-50	- 9061 synthesizer	
					2	51-53	unit	
					2	53a-53b		
					1	54-66		
			4		1	1-25	- 9062 signal processor unit	
			5		2	1-2	Maintenance	
					1	3-6		
					2	7-8		
					1	9-26		
					2	27-30		
					1	31-35		
			6		1	1-31	Fault location	
			7		1	1-34	Parts list	
					2	35		
					2	35a-35g		
					2	36		
					1	37-52		
					2	53-54		
					1	55-72		
					2	73-74		
					1	75-129		
			8		2	1-2	Circuit diagrams and layouts	
					1	3-18		
					2	19		
					1	20-24		
					2	25		
					1	26-28		
					3	29-29a		
					2	29b		
					1	30-36		
					2	37		
					2	37a-37b		
					1	38		
					2	39		
					1	40		
					4	41		
					3	42		
					2	43-46		
					1	47-52		
					2	53		
					1	54-63		
			9		1	1-15	Layout and circuit diagrams 1Hz version	
					2	2001-2002	FORWARD coding	
F 324	5				2	1-28	Calibration Procedure	88F
F 326					1	0-03	Repair charts	
					2	04		
					2	1-8	Repair charts	
					1	9-13		
					2	14-19		
					5	20-22		
F 327					1	1	Modification instruction index	88F
							Mod Instrs 1-12 (see page 1 para 7)	
				5*	1	1-4	Addition of 5.5 V output on the control input socket	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
				6*	1	1-5	Fitting of re-designed mains transformer	
				7*	1	1-3	Prevention of intermittent lock failure	
				8*	1	1-4	Circuit changes to compensate for amended thermistor specification	
				9*	1	0	Circuit changes to compensate for specification source assembly	
					1	1-4		
				10*	1	1-5	Prevention of short circuits between lampholders and the front panel of the signal processor type 9062	
				11*	1	1-5	Prevention of short circuits between lampholders and the front panel of the synthesiser 9061	
				12	1	1-3	Reversal of cooling fan to improve air flow in the signal processor 9062	
				13	1	0/01	Prevention of gate failure in IC2	88F
					1	1-4		
				14	1	0/01	Reduction of MHz sidebands	88F
					1	1-4		
				15	1	0/01	(1) Transistor changed to prevent oscillations	
					1	1-4	(2) Diode changed to prevent lock out at low temperatures	88F
				16	1	1-4	Additional resistor to INT/EXT standard switch	88F
				17	1	1-4	Decoupling of K2 Lines to V..H.F. Oscillator Assembly	88F
				18	1	1-4	Reduction of 700 KHz sidebands and prevention of spikes on FM select line	88F
				19	2	1-2	Replacement of integrated circuits	88F
					1	3-4	fitting of warning label	
					2	5/6		
				20	1	01	Errata	88F
					2	1-2	Improvement of 'pull up' and change	88F
					1	3-6	of transistor type to overcome failure on linearity test	
				21	1	1-4	Reduction of Spurious Signals	87S
				23	1	1-7/8	Improvement of hum level	
F 329					1	1	Miscellaneous instruction index Misc Instrs 1-14 (see page 1 para 7)	
				6*	1	1-2	Identification and use of Taptite screws	
				7*	1	1	Incorrectly identified cable assemblies	
				8*	1	1-2	Redesigned rotary wafer switch (Racal type 17-0045) Used in circuit location S2-S8 9061 and SG-SH (9062)	
				9*	1	1	Reliability of LED's	
				10	1	1	Replacement of digital decade indicators	
				11	1	1	Fitting of fibre washer to prevent printing circuit track shorting to casting	
				12	1	1/2	Alternative components and use of old stocks	88F
				13	1	1/2	Incorrect silk screen on p.e.c.	
				14	1	1/2	Improved performance for testing commercial receivers with 6.25 KHz and 12.5 KHz channel spacing.	88F
				17	1	1-2	Dirty edge connectors onlogic boards	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Signal generator set CT 561/3
F 340* to F 349*							
							PULSE GENERATORS
							Generator, set, double pulse, CT 434A
F 500* to F 508*							
							Pulse generator, set, CT 500
F 510*							
							Generator pulse CT 578/3
F 520					1	1-9	Data summary
F 527					1	1	Modification instruction index
					2	1/2	
				1	1	0	Errata
		-		1	1	1-4	Fitting of new heat sinks to prevent short circuits
F 528					1	1-7	Inspection standard
							Test set, pulse, pattern
F 540* to F 548*							
							NOISE GENERATORS
							Generator, noise, X band, radar equipment
F 600					1	1-3	Data summary 87Z
F 601					1	1-2	Operator's instruction
					2	3-6	
F 602	1				2	1-2	Technical description
					1	3-7	
	2				1	1001	Fault-finding and repair data
					2	1002-1003	
					1	1004-1005	
					2	1006-1007	
					1	1008-1009	
					1	2001	FORWARD coding
F 604					1	0	Field and base repairs
					1	1-7	
F 607							Mod Instrs 1-2 (see page 1 para 7)
F 608					1	1-5	Inspection standards

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Test set white noise (C/W associated filters)
F 610 F 617					1	1-5	Data summary 87R
				9*	1	1	Mod Instrs 1-10 (see page 1 para 7) Noise generator (TF2091B) - replacement of obsolete transistor, VT406
				10*	1	1-8	Replacement for unobtainable 4-way edge connectors
							TEST OSCILLATORS
							Note: See note above Signal Generator sub-section.
							Oscillator, wide range (Siemens type Rel 3W 221a, 2a)
F 700*							
							Test oscillator, CT 365
F 710* to F 719*							
							Test oscillator (Airmec type 254)
F 720* to F 729*							
							Oscillators, beat frequency
F 730* to F 739*							
							Oscillators, video, No 2 and No 3
F 740* to F 748*							
							Signal generator, video frequency, No 1
F 750* to F 759*							
							Generator, signal
F 760*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Oscillator-modulator unit	
F 770*								
							Modulator and three-tone generator AF40S	
F 780					1	1-4	Data summary	88F
F 781					1	1-13	Operators instructions	
F 782	1				1	1-20	Technical description	
	2				1	1001-1041	Fault finding and repair data	
F 784					1	1-30	Field and intermediate repairs	
					1	1001-1010		
F 787				1	1	1-4	Rotary switch replacement	88F
F 789				1*	1	1	Resistor R1 and R2 on printed card - 30039009 - transposed	
							Signal generator, Wayne Kerr, S501	
F 790					1	0-01	Data summary	88B
					1	1-3		
F 792					1	0-03	Technical description	
					1		4 pages not numbered	
					1	1-14		
					2	15-16		
					1	17-20		
					2	21-22		
					1	23-33		
					1		3 pages - Figs 8a, b and c	
F 794	5				1	1-12	Calibration procedure	
					1	1001		
F 797					1	1-2	Modification instruction index	
				1	1	1-3	Fitting of warning label	
F 799				1	1	1-2	Removal of elapsed time indicator e.t.i.	
							Oscillator ULF, Dawe type 445A	
F 800* to F 808*								
							Signal Generator set, two tone CT 604	
F 810					1	0	Data summary	88F
					1	1-2		
					3	3-5		
F 811					1	1-7	Technical specification, No Page 2	
			1		1	1	General description	
			2		1	1-5	Preparation for use	
			3		1	1-3	Operating	
F 812					1	0-02	Technical description	
					1	03	Errata	
					1	1-11		
			1		1	1-2	General description	
					1	3		
			2		1	1-3	Principles of operation	
			3		1	1-38	Technical description	
			4		1	1-1A	Maintenance	
					1	2-20		

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
			5		1	1-50	Parts list	
			6		1	1-24	Circuit diagrams and layouts	
					1	2001	FORWARD coding	
F 814	5				1	1-8	Calibration procedure	88F
					2	9-10		
					1	11-16		
					1	1001		
F 816					1	01-02	Repair charts	
					1	1-2		
					2	3-4		
					1	5-10		
F 817					1	1	Modification instruction index	
							Mod Instrs 1-11 (see page 1 para 7)	
				6*	1	1-5	Reduction of interdemodulation and distortion products	
				7*	1	1-5	Prevention of short circuits between lampholders and the front panel	
				8*	1	1-3	Change of value of resistor R67 in B generator assembly to ease setting-up	
				9*	1	1-3	Optimising operational amplifier performance	
				10*	1	1-3	Change of capacitor values to overcome distortion of 9.9 kHz	
				11	1	1-4	Enlargement of heatsink fixing holes in base cover, and provision of warning labels	
		-		12	1	0/01	Replacement of ICS with low power types	88F
					1	1-5/6		
F 819					1	1	Miscellaneous instruction index	
				1*	1	1-2	Redesigned rotary wafer switch, Racal type (17-0045) used in circuit locations SWF, SWG, SWH, SL,, SM, SN, SP, SQ, SR, SS and ST.	
				2*	1	1	Presence of DC component in generator output	
				3*	1	1	Wiring error on supply rails to synthesizer module	
							Low frequency output amplifier ALF120	
F 840					2	1-3	Data summary	88D
F 841					1	1-4	Operators instructions	
F 842	1				1	1-8	Technical description	
	2				1	1001-1008	Fault finding and repair data	
F 844					1	1-5	Field and base repairs	
							WAVEFORM DISPLAY AND ANALYSIS	
							GENERAL	
							The cathode-ray oscilloscope	
H 002					1	1-51	Technical description	87S
H 009				1*	1	1-2	Redesignation of EMERs	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							OSCILLOSCOPES AND OSCILLOGRAPHS	
H 010* to H 019*								
							Oscilloscope set, CT 536	
H 030					1	1-6	Data summary	87S
H 032					1	0-02	Technical description	
					1		Manufacture's combined XY 1,2,3 and 4	
					1	2001	FORWARD coding	
H 034					1	0-02	Field and base repairs	
					1	1-55		
H 037					1	1/2	Modification instruction index	87S
							Mod Instrs 2-5 (see page 1 para 7)	
				1	2	0		
				1	2	1-4	Amplifier type 10A2 - improved identification of signal input	87S
				4*	2	1-6	Fitting of redesigned, replacement high voltage transformer	
				5	2	1-3/4	Correction of NSN marking on equipment case	
H 038					1	0	Inspection standards	
					1	1-14		
H 039							Misc Instrs 1-2 (see page 1 para 7)	
				3	1	1/2	Transformer, power Z32/5950-00-014-5742	87S
							Oscillograph, set, SEL SE2000/12	
H 050* to H 052*								
							Oscilloscope, CT 436	
H 070* to H 079*								
							Oscilloscope, display (Airmec 279)	
H 110* to H 119*								
							pe, Solartron, CD 1400	
H 120* to H 129*								
							Oscilloscope, miniature, portable, No 1	
H 140* to H 149*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Oscilloscope, type CT 386A	
H 150* to H 159*								
							Oscillograph, recorder, type 12/12	
H 170*								
							Oscilloscope, set, CT 536A	
H 180					1	0	Data summary	87S
					1	1-4		
					2	5		
H 182					1	Various	Technical description Type 647A Oscilloscope(Section 1-9) Type 10A2A Dual-trace amplifier (Section 1-9) Type 11B2A Time base plug-in unit (Section 1-9) Type P6047 Probe (Section 1-6)	
H 184					1	1-23	Field and base repairs	
H 187				1*	1	1-5	Fitting of re-designed replacement high voltage transformer	
H 189		-		1*	1	1-2	Amendments to manufacturers handbooks	
							Calibrator set, oscilloscope, type 192	
H 190* to H 197*								
							Oscilloscope, set, OS2200A	
H 200					1	0	Data summary	87S
					1	1-6		
H 202					1	2001	FORWARD coding	
	1				1	0	Instruction manual	
					1	1-14		
					2	15-16		
					1	17-32		
					2	33-38		
	2				1	0	Technical description - instruction manual	
					1	1-10	'Y' amplifier plug-in units OS 2004Y, OS2007Y	
					2	11-15A		
					2	16		
					1	17-26		
					2	27-29		
	3				1	1-10	Timebase plug-in unit OS2006X	
					2	11-12		
					1	13-25		
H 204	5				1	1	Calibration Procedure	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Oscillosccope storage
H 210					1	0	Data summary 51R
					1	1-4	
H 218					1	1-5	Inspection standard
							Oscilloscope, set, CT 588
H 220					1	0	Data summary
					1	1-5	
H 224	5				1	1-4	Calibration procedure
H 229				1*	1	1	Corrections to manufacturers handbook
							Oscilloscope set OS250A/S2
H 230					1	1-4	Data summary
H 239				1*	1	1	Deletion RAF Management Code from the Part Number shown on the Instrument
							Oscilloscope, cossor type 4100A
H 240* to H 249*							
							Oscilloscope set, Tektronix D 755
H 250					1	1-5	Data summary
H 252					1	0-02/03	Technical description
			1-6		1	Various	
H 254	5				1	0	Calibration procedure
					1	1-4	
					2	5-6	
					1	7-8	
					2	9-10	
					1	11-12	
					2	13-14	
					1	15	
					1	1001-1002	
							Analyser, spectrum, H.F. 1094A/S
H 400* to H 409*							
							Analyser, spectrum, h.f., 3 to 30Mc/s
H 410* to H 414*							
							Analyser, spectrum, (I.F. 2330)
H 420* to H 429*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Indicator, distortion, TF 2331	
H 430* to H 439*								
							Analyser spectrum HP 141T system	
H 440					1	0	Data summary	86B
					1	1-13		
H 444	5		0		1	1	Analyser spectrum-system	
			1		1	1-13/14	Analyser spectrum-system	
			2		1	1-13/14	Calibration procedure	
			3		1	1-14	Calibration procedure	
			4		1	1-17/18	Calibration procedure	
			5		1	1-10	Tracking generator 8444A	
H 447					1	1	Modification instruction index Mod Instrs 1-2 (see page 1 para 7)	
				2	1	1-2	Addition of R99 to improve the reliability of the LOG mode switching circuitry	
H 449					1	1	Miscellaneous instruction index	
				1*	1	1	Checking of earth bonding of fan housing assembly	
							MODULATION AND DEVIATION METERS	
							Meter set, modulation (TF 2300S)	
H 500* to H 509*								
							Fitting set, deviation, f.m., Mk 3	
H 510					2	1-2	Data summary	
H 512	1				1	1-14	Technical description	
	2				1	0	Fault-finding and repair data	
					1	1001-1012		
					1	2001	FORWARD coding	
H 514					2	0-01	Field and base repairs	87I
					1	1-10		
					1	1001-1002		
H 517					1	1-2	Modification instruction index	
				1	1	1-6	Fitting of replacement type capacitors for C52 and C62	
H 519				1*	1	1-2	Redesignation of EMERs	
							Meter set, modulation, CT 542	
H 520* to H 529*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Test set, deviation, f.m., No 2
H 530* to H 539							
							Test set, modulation (Airmec type 210)
H 540* to H 547*							
							Meter modulation (Airmec 409)
H 550					1	0	Data summary
					1	1-3	
H 552					1	0-03	Technical description
					1	i-ii	
					1	1-2	
					2	3	Page 4 Blank
		1			1	5	Technical specification - Page 6 Blank
					1	7-9	Page 10 Blank
		2			1	11	Description operation and maintenance -
					1	13-81	Page 12 Blank No Page 82
		3			1	83	Appendices - Page 84 Blank
					1	85-89	Page 90 Blank
		-			1	91-93	
					1	94-97	Meter modulation (Racal 409) - F.M. Calibration
H 557							Mod Instrs 1-5 (see page 1 para 7)
				4*	1	1-3	Re-identification of later instrument to 409.2.
				5	1	1-3	Replacement of plastic feet which secures terminal strips
H 559					1	1-2	Miscellaneous instruction index
							Misc Instrs 1-2 (see page 1 para 7)
				2*	1	1	Improved access to Oscillator V3 and turret tuner assembly
							Meter modulation (Racal 9008M)
H 560					1	1-2	Data summary
					2	3-4	
H 562					1	1-12	Technical specification 87I
			1		1	1-4	General description Page 4 Blank
			2		1	1-8	Operating instructions Page 8 Blank
			3		1	1-6	Principles of operation
			4		1	1-8	Technical description
			5		1	1-20	Maintenance
			5		2	17-18	
			6		1	1-32	Parts list
			7		1	1-20	Circuit diagrams and layouts
							Pages 4,6,12,16,18 and 20 Blank
					1	2001	FORWARD coding
H 564	5				2	1-22	Calibration procedure
H 567					1	1/2	Modification instruction index
				1	1	1/2	Production change to reduce high levels of residual f.m. when operating in high hum fields
				2	1	1-4	Fitment of insulating boot to mains 98I

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							input socket
				3	1	0	Replacement of mains transformer to
					1	1-4	reduce residual f.m.
				4	1	1-2	Improvement of frequency response of a.f. filter on 19-0860
				5	1	1-3/4	Front panel meter fixing improvement 87I
				6	1	1-4	(1) Removal of R118 and replacement with link to aid oscillator start up
							(2) Inductor change and reposition 87I
				8	1	1-4	Improvement of peak detector linearity meter damping and earthing and addition to diode to eliminate meter flutter 87I
				9	1	1/2	Improved adjustment of peak/trough 87I balance on PEC 19-0860
				10	1	1-4	Resistor modification to Power Suply Board 19-0806
H 569					1	1/2	Miscellaneous instruction index
				1	1	1/2	Use of alternative component on P.E.C. 19-0840
				2	1	1/2	Use of alternative transistor
				3	1	1/2	Use of alternative component
				4	1	1/2	Prevention of sampler P.E.C. assembly 87I 19-0803 terminal pins shorting to casting
				5	1	1	Equipment using rubber bumpers on 87I case foot assembly
							Phase meter (Solartron VP 250)
H 610*							
							Indicator phase sequence and continuity, 50c/s or 400c/s
H 620* to H 621*							
							Receiver, ratio tracing (Siemens Rel 3K 217d)
H 640*							
							COMPONENT AND MODULE TESTING
							BRIDGES
							Bridge set, universal CT530 set
I 010* to I 019*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Bridge, impedance set, Foster, type SC431, with accessories
I 020* to I 024*							
							Bridge meggers, No 1, Mk 1 and 2, No 3 Mk 1 and 2, No 4 Mk 1 and 2
I 030* to I 039*							
							Bridge set, resistance (W.G. Pye, type 7422/7423)
I 040*							
							Bridge, universal, CT 375
I 060* to I 068*							
							Bridge, impedance, No 5
I 080* to I 089*							
							Bridge set, resistance (Evershed and Vignoles type 63220)
I 110* to I 113*							
							Bridge, reflection coefficient (Siemens Rel 3R25(a)
I 120*							
							INSULATION TESTERS AND OHMMETERS
							Megohmmeter, set, 4-voltages, (100, 250,500,1000V)
I 300					2	1-3	Data summary 86U
I 301					1	0	Operator's instructions
					1	1-3	
I 302					2	1-8	Technical description
					2	1001-1008	
					2	2001	FORWARD coding
I 304					1	0-01	Field and Base repairs
					2	1-6	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
					3	7-8	
					2	9-11	
					2	1001-1007	
I 307				1*	1	1-3	Megohmmeter, set, 70154, Mk 2 - part number correction
I 308					1	1-4	Inspection standards 86U
I 309							Misc Instrs 1-3 (see page 1 para 7)
							Megohmmeter, set, ranges, 5-150V, 0-300M ohms
I 310* to I 314*							
							Tester, bonding, type B
I 320* to I 329*							
							Test set, insulation set (Airmec 251)
I 330* to I 337*							
							Test set, lightning arrestor
I 340* to I 342*							
							Measuring set, high resistance, No 1
I 350* to I 359*							
							Safety ohmmeter, Avrey type
I 362* to I 369*							
							Testers, insulation, 100V, No 1 and 2. 250V, No 3, 500V, No 1 and 2 and 2500V No 1
I 370* to I 379*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Tester, insulation, 1000V, No 1	
I 386* to I 389*								
							Tester, resistance, earth, No 1	
I 400* to I 409*								
							Test set, safety, general purpose CT582/3	
I 410					1	1-3	Data summary	
I 411					1	1-9	Operator's instructions	
I 412					1	1-10	Technical description	
					1	1001-1009		
I 414					1	0	Field and base repairs	
					1	1-16		
	5				1	1-3	Calibration Procedure	
I 417					1	1/2	Modification instruction index	86U
				1	1	1-3	IMMEDIATE. Fitting of warning labels regarding paint damage	
				2	1	1-3/4	Addition of flexible rubber covers to prevent case damage	86U
		-		3	1	1-3/4	Replacement of Instruction Plate	86U
I 419					1	1-2	Miscellaneous instruction index	86O
							Misc Isntrs 1-5 (see page 1 para 7)	
				3	2	1	IMMEDIATE Patch-painting chipped and scratched equipment	
				5	1	1	Use of alternative battery, dry 1.35V	86U
							Testers, wee megger	
I 420* to I 424*								
							Safety ohmmeter, Fairey	
I 430					1	1	Data summary	83O
I 432					1	0/01	Technical description	
					1	1-8		
I 439					1	1/2	Miscellaneous instruction index	
					1	1	Patch painting chipped and scratched equipment	
							Test set, insulation, 40kV, CT191	
I 440					1	1-2	Data summary	87M
I 441					1	1-6	Operator's instructions	
I 442					1	1-6	Technical description	
					1	1001-1008		
					1	2001	FORWARD coding	
I 444					1	0-01	Field and base repairs	
					1	1-9		
I 447					1	1-2	Modification instruction index	
							Mod Instrs 1-2 (see page 1 para 7)	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
				3	2	1-4	Replacement for leakage current meter M2	87S-
I 449					1	1-2	Miscellaneous instruction index	
				5*	1	1	Misc Instrs 1-5 (see page 1 para 7) Non-available transformer - TR2 in the EHT unit	
							Test set, continuity, radio control harness equipment	
I 450* to I 459*								
							Tester, insulation, type IT30, CT587/3	
I 460					1	0	Data summary	86U
					1	1-4		
I 461					1	0	Operator's instructions	
					1	1-6		
					2	7-8		
					1	9-12		
I 462					2	0	Technical description	
					1	1-6		
					2	7-8		
					1	9-19		
I 467					1	1-2	Modification instruction index	
							Mod Instrs 1-8 (see page 1 para 7)	
				2*	1	1-4	IMMEDIATE - Alteration of circuit position of EHT indicator lamps, for safety reasons	
				3*	2	1-5	IMMEDIATE - Limitation of maximum EHT output	
				4*	1	1-4	IMMEDIATE - Alteration to Power-on lamp writing	
				5*	1	1-3	IMMEDIATE - Replacement of faulty interlock jack	
				6*	1	1-4	IMMEDIATAE - Alteration to current measuring circuit to provide overload protection when all current range switches are de-selected	
				7*	1	1-4	Replacement of terminals to ensure good earth connections	
				8*	1	0	IMMEDIATE - Circuit change to prevent	
					1	1-5	presence of voltage at e.h.t. sockets after failure of e.h.t. warning lamps	
				9	1	1-6	Addition of audible warning device	86U
				10	1	1-6	Provision of identification labels	86U
I 469					1	1-2	Miscellaneous instruction index	
				1*	1	1	Replacement of e.h.t. probe	
							BATTERY TESTERS	
							Test set, battery capacity, 240V 50Hz (Richmond Electronics) Type 2A	
I 600*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Automatic battery tester, T12, 600E
~~I 610~~					1	0	~~Data summary~~ 06A
					1	1-2	
I 611					1	1-3	~~Operator's instructions~~ July 92
I 612					1	1-5	~~Technical description, field and base~~
					1	1001	repairs
							Q METERS
							Panel, test, electrical
I 650					2	1-4	Data summary 87W
I 652					1	2001	FORWARD coding
I 657					1	1-2	Modification instruction index
							Mod Instrs 1-4 (see page 1 para 7)
				3*	1	1-8	Circuit changes to the test oscillator TF 1246 to maintain specification of current supplies of valves 6 x 4 in. V1 position
				4*	1	1-4	Addition of new resistor R35 to increase range of adjustment of the setting up network of the TF 1245 or TF 1245A
							Meter, circuit magnification, No 1
I 670* to I 679*							
							WOBBULATORS
							Wobbulator set, CT 501
I 800					1	0	Data summary
					1	1-2	
I 801					1	0	Operator's instructions
					1	1-16	
I 802	1				1	0	Technical description
					1	1-19	
	2				1	1001-1006	Fault finding and repair data
					2	1007-1008	
					1	1009-1030	
					2	1031-1032	
					1	1033-1048	
I 804					1	0	Field and base repairs
					1	1-25	
					1	1001	
I 807					1	1-2	Mod instr index
							Mod Instrs 1-11 (see page 1 para 7)
							Wobbulator, type 78M
I 810					1	0-01	Data summary
					1	1-3	
I 812					1	2001	FORWARD coding
I 817							Mod Instrs 1,and 3-9 (see page 1 para 7)
				2	2	1-9/10	Marker unit - provision of additional

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							500kHz calibration markewrs
				9*	1	1-4	Fitting of replacement variable resistors in amplifier, calibrator (B)
				10	1	1-5/6	Replacement of unobtainable selenium rectifier 88C
I 819							Misc Instrs 1-2 (see page 1 para 7)
				2*	1	1	Replacement of rubber feet
							GENERAL
							Transistor and diode testing data
J 002					1	0-01	Operator's instructions and test data 88K
					1	BR1771 (55)(B)	
							VALVE AND SEMI-CONDUCTOR TESTERS
							Tester valve, AVO
J 010					1	1-6	Data summary
J 011					2	0	Operators instructions
					1	01	
					1	1-16	
					5	17	(Plus BR 1771 (13)B Volume 2 Dated July 72 (BR 1771 (13)B - Amdt No 3)
J 012	1	-			1	0	Technical description
					1	1-30	
	2				1	0	Fault-finding and repair data
					1	1001-1018	
					1	2001	FORWARD coding
J 014					1	0-03	Field and base repairs
					1	1-6	
					2	7-10	
					1	11-14	
					2	15	
J 017							Mod Instrs 1-4 (see page 1 para 7)
J 019							Misc Instrs 1-2 (see page 1 para 7)
							Test set, transistor, CT 446
J 020* to J 029*							
J 030*							
							RELAY TESTERS
							Note: See also section L under 'Telegraph test sets'
J 100* to J 108*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Tester, relay, G.P.O. type AT 4557
J 130* to J 132*							
							CAPACITOR STANDARDS AND TESTERS
							Reforming unit, electrolytic, capacitor No 1
J 200*							
							Tester, automatic exchange, relay set
J 201* to J 207*							
							ystal test set, type AM 193
J 410* to J 419*							
							Calibrator, crystal, No 10
J 420* to J 429*							
							MICROPHONE AND TELEPHONE TESTING
							Microphone and receiver test set No 4
J 600* to J 609*							
							Test set, dial speed, portable
J 610* to J 618*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							MISCELLANEOUS	
							Probe, electronic, test	
J 710* to J 712*								
							Probe, high voltage, P 6015	
J 720					2	1-2	Data summary	87T
					1	3		
							Probe, high voltage, P 6013A	
J 730					1	1-2	Data summary	
							TRANSMISSION AND RADIATION TESTING	
							TELEGRAPH TEST SETS	
							Test set, tgelegraph, distortion and margin, No 2	
L 020* to L 029*								
							Test set, telegraph, TF 1167	
L 040* to L 048*								
							Test set, telegraph and data transmission	
L 080					1	0	Data summary	87N
					1	1-4		
					2	3-5		
L 082	1				1	1-5	Telegraph and data signal analyser 1B	
			1		1	1-6	General description	
			2		1	1-12	Operating instructions	
			3		1	1-38	Technical description	
			4		2	4.1-4.16	Maintenance	
			5		1	1-26	Components list T.D.S.A. 1B	
			6		2	6.1	Circuit diagrams and component layouts	
					1	6.3-6.6		
					1	6-6A		
					1	6-8A		
					1	6-10A		
					1	6-12A		
					1	6.7-6.26		
	2				1	1-4	Telegraph and data message generator 1B	
			1		1	1	General description	
			2		1	1-8	Operating instructions	
			3		1	1-26	Technical description	
			4		2	4.1-4.29	Maintenance	
			5		1	1-15	Components list T.D.M.G. 1B	
			6		2	6.1	Circuit diagrams and component layouts	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
					1	6.3-6.6	
					1	6.6A-6.9B	
					1	6.9-6.15A	
					1	6.16-6.20	
L 089					1	1-2	Identification of build standard 87N
							CABLE AND LINE TESTING
							Test set, electrical cable and amplifier, trigger pulse
L 200					1	0-01	Data summary
					1	1-2	
					2	3	
L 202					1	0-01	Technical description
		1-8			1	Various	Cable test set CME 110A
		1-8			1	Various	Pulse amplifier CME 111
L 208					1	1-5	Inspection standards
L 209					1	1/2	Miscellaneous instruction index
				1*	1	1	Replacement of obsolete Jack Tips (Batt Mon) necessitating change of corresponding mating plugs
				2*	1	1-3	PEC build states
							Test set, line, No 2
L 210					1	1-4	Data summary
L 212					1	1-13	Technical description
					1	1001	
					1	2001	FORWARD coding
L 217					1	1-2	Modification instruction index
				1*	1	1-4	Replacement for obsolete metallic rectifier
							Test set, line, No 1
L 240* to L 249*							
							DB METERS, TMS AND POWER LEVEL TESTERS
							Decibel meter, portable, No 3
L 400* to L 409*							
							Decibel meter, portable, No 4
L 410* to L 419*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Tester, transmission measuring set, No 1, Mk 2	
L 420* to L 429*								
							Tester, t.m.s., No 8	
L 430* to L 439*								
							Decibel meter, portable, No 1 -15dB to +20dB	
L 440* to L 449*								
							Decibel meter, portable, No 2, -10dB to +22dB	
L 450* to L 459*								
							Level meter (Siemens type Rel 30 344a2a)	
L 460* to L 469*								
							Measuring set 44Z	
L 470					3	0/01	Data summary	870
					2	1-4		
L 472					1	0	Technical description	
					1	1-43		
					1	45	Pages 44 and 46 Blank	
					1	47		
L 474	5				1	1	Calibration procedure	
L 479					1	1-2	Miscellaneous instruction index	
				1*	1	1	Deletion of XT581 identification on front panel and top of equipment case	
							Meter audio level (Siemens type S45034-D364-D102dB and S45034-D364-D202dBm)	
L 480* to L 489*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT
							Psophometer type 1000 with option B or C and psu type 1500
L 490					1	0-01	Data summary 87H
					2	1-4	
L 491					1	0	Operators instructions
					1	1-6	
					2	7-8	
L 492					1	0	Technical description
					1	1-4	
					2	5-6	
					1	7-13	
					3	1001-1002	
					2	1003-1004	
					1	1005-1007	
L 497					1	1-2	Modification instruction index
				1*	1	0	Provision of a safeguard for the meter movement
					1	1-6	
				2*	1	1-4	Replacement of unobtainable front panel terminals
				3*	2	0	Replacement of broadcast weighted filter
					1	1-3	
L 499				1	1	1/2	Preset poteniometers 87M
							ATTENUATION AND INSERTION LOSS MEASUREMENT
							Measuring set, insertion loss, frequency selective, No 3
L 590*							
							Attenuator, variable, 122dB, 60 ohms
L 620* to L 622*							
							Attenuator, variable, CT 421 (Marconi Inst IF1073A/2S)
L 630* to L 639*							
							Attenuators, tapped, c..f., No 1, Mk 3 and Mk 4
L 640* to L 649*				1*	1	1-2	Redesignation of EMERs
							Attenuator, variable, r.f., No 5
L 650* to L 659*							

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Attenuator, fixed, 5825-99-952-6544	
L 660*								
							Attenuator, variable, A.F. No 3 bench mounting	
L 670*								
							Attenuator, UHF fixed, 10dB and 20dB	
L 690*								
							Calibrator, set, attenuator, CT 93	
L 710					2	1-3	Data summary	86B
L 712					1	2001	FORWARD coding	
L 717				1	1	1-13	Replacement of unobtainable wired-in i.f. amplifier by transistors	
				1	1	Suspension 1-2	Replacement of unobtainable wired-in valves in i.f. amplifier by transistors	
L 719					1	1	Miscellaneous instruction index	86B
		-		5	1	1-2	Misc Instrs 1-6 (see page 1 para 7) Production test specification No EID/L/5297	
				6	1	1-2	Valve assembly CV 4002	
				7	1	1-3/4	Replacement for obsolete coil assembly	86B
							Attenuator, remote controlled, BDD500 and manual controller, SBD3S	
L 720					1	1-3	Data summary	88F
L 721					1	1-7	Operators instructions	
L 722	1				1	1-15	Technical description	
	2				1	1001-1032	Fault finding and repair data	
L 724					1	1-9	Intermediate repairs	
	5				1	1-11	Calibration procedure	
							R.F. TRANSMISSION, TEST AND MEASUREMENT	
							Kit, testing, suppression, No 1 Mk 2	
L 810*								
							Indicator, standing wave voltage ratio and power equipment	
L 820* to L 824*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Test set, suppression, No 3	
L 830* to* L 839*								
							Aerials, dummy, No 2 and 3	
L 840* to L 849*								
							Transmitter/receiver radio C42 modified for interference measurement	
L 852					1 1	0 1-2	Technical description	88W
							Radiation power monitor XT 597	
L 860 L 864	 5				1 1	1-4 1	Data summary Radiation power monitor XT597	88N
							POWER, VOLTAGE, AND CURRENT SOURCES	
							POWER SUPPLIES FOR TEST EQUIPMENT	
							Power supply and circuit breaker, electronic	
M 010*								
							Power supply, electronic, full wave, 0-04V (Solartron ASS 1412M and AS 1412/1)	
M 020* to M 029*								
							Power supply, electronic, full wave, 12 and 24V d.c.	
M 040* to M 047*								
							Power unit, variable voltage, 0-+500V d.c. (CT397)	
M 050 M 057				 1	1 2	1-2 1-6	Data summary High leakage resistance terminals - fitting improved type	17C

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Power supply (Solartron AS 1165)	
M 060*								
							Power supply set, rectifier type input 240/1/50, output 12/24V, 20/10A, No 1 Mk 1	
M 070* to M 078*								
							Circuit breaker, electronic	
M 080* to M 084*								
							Power supply rectifier 40V 50A (Thorn automation PS 5040)	
M 090					1	0-01	Data summary	
					1	1-3		
M 092					1	0	Technical description	
					1	1-46		
					2	47-50		
					1	51-54		
					1	2001	FORWARD coding	
M 097				1*	1	0	Addition of 20kohms resistor R52	
					1	1-3		
M 099							Misc Instrs 1-3 (see page 1 para 7)	
				4	1	1-2	Replacement for meters ME1 and ME2	87V
							Power supply (33V 12A)	
M 100					1	1-3	Data Summary	87V
M 101					1	1-5	Operators Instruction	
M 102					1	1-11	Technical Description	
					1	1001-1009		
M 107					1	1-6	Over voltage crowbar circuit, additional components	
M 108					1	1-5/6	Inspection standards	87V
							VOLTAGE AND CURRENT CALIBRATION SOURCES	
							Signal generator set, Bradley type 123S	
M 300					1	0-01	Data summary	86B
					1	1-4		
M 301					1	0	Operator's instructions	
					1	1-6		
M 302					1	0	Technical description	
					1	1-11		
					1	1001-1009		
					1	2001	FORWARD coding	
M 304					1	1-16	Field and base repairs	
					1	1-16		
M 307							Mod Instrs 1-2 (see page 1 para 7)	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							A.C. calibrator, type 125B	
M 310					1	0	Data summary	
					1	1-4		
M 312					1	2001	FORWARD coding	
M 317					1	1-2	Modification instruction index	
				1*	1	1-5	Fitting of replacement output switch SJ	
							Multiplier, precision (Z4/6625-99-110-9439)	
M 320					1	1-3	Data summary	
M 322					1	i-iv	Technical description	
					1	1-32	Plus 14 pages not numbered	
M 327					1	1-2	Modificatioon instruction index	
				1*	1	1-6	Replacement of obsolete diode, used in circuit positions MR1 MR4 and the associated installation kit	
				2	1	1-4	Fitting of replacement type f.e.t. in Cct position VT206	
							ANCILLARY AND MISCELLANEOUS	
							Note: Ancillaries special to equipments are included in the appropriate main equipment section	
							ANCILLARIES TO ELECTRICAL TEST GEAR	
							Modulator, amplitude, Marconi type TF 1105	
N 010* to N 012*								
							Adaptor test set CT579	
N 030					1	0	Data summary	06P
					1	1-4		
N 039				1*	1	1	Re-designation of EMERs	01P
							Adaptor, test unit	
N 040* to N 048*								
							Amplifier, wide band, BPL type WA 1157	
N 050* to N 058*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Filter unit, mains, No 11	
N 090					1	1-2	Data summary	86M
N 092					1	1-2	Technical description	
N 094					1	1-2	Field and base repairs	
					1	1001-1002		
N 097				1	1	1-4	Fitting of Cadmium Hazard Label	86M
				2	1	1-4	Replacement for obsolete capacitor	86M
							MISCELLANEOUS ELECTRICAL	
							Cages, screening, test, transportable, No 1	
N 300* to N 309*								
							Cages, screening, test, transportable, No 2	
N 310					1	1-2	Data summary	
N 311					2	1-2	Operator's instructions	
					4	3-6		
					3	7-8		
					1	1001-1008		
N 312					1	1-2	Technical description	
					1	1001		
N 314					1	1	Field and base repairs	
N 317					1	1-2	Modification instruction index Mod Instrs 1-7 (see page 1 para 7)	
				7*	1	1-7	Replacement of mains isolator	
				8	1	1-4	Replacement for obsolete bulkhead light fitting	86M
				9	1	1-3/4	Fitting of warning instruction plates	86M
N 319					2	1/2	Miscellaneous instruction index Misc Instrs 1-4 (see page 1 para 7)	
				3*	2	1/2	Replacement for obsolete bulkhead light fitting	
				4*	1	1	Replacement bench covering	
							Dehydrator, desiccant, electric	
N 320					1	1-2	Data summary	86N
							Dehumidifiers, desiccant, electric, No 1, Mk 1 and No 2, Mk 1	
N 330* to N 339*								
							Dehumidifier, desiccant, electric, No 3 Mk 1	
N 340* to N 349*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Dehydrator, desiccant, series 1 Mk III	-
N 350					1	0	Data summary	
					1	1-2		
N 352					1	1-9	Technical description	
							Apparatus, seal testing	
N 360* to N 369*								
							Dehydrator, desiccant electric series 3 Mk 3	
N 370					1	0	Data summary	86N
					1	1-2		
N 371					2	0	Operators instructions	
					1	1-8		
N 372					1	1-16	Technical description	
N 374					2	0	Field repairs	
					1	1-9		
							Fluxmeter No (WY 0023)	
N 380* to N 389*		-						
							DEHYDRATOR, DESICCANT ELECTRIC SERIES 7 MK 2	
N 390					2	1-2	Date Summary	86N
N 391					1	1-5	Operations Instructions	86N
							Test set programmable instruments	
N 420					1	1-3	Data summary	88F
N 429				1*	1	1	Replacement of mains input fuse	
							Stroboscope	
N 480					1	1-2	Data summary	87P
N 489				1	1	1-2	Hazard warning label	87P
							Stopclock, millisecond, type TSA 1014/ABC	
N 490*								

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							COMMON PURPOSE MECHANICAL TEST EQUIPMENT	
							Test equipment, static, wheeled vehicle	
Q 304	5		1		1	1-9	Calibration procedure, roller brake tester	89R
			2		1	1-7	035 Power absorption unit	
Q 307				1*	1	1-6	Restraining device	
							Vehicle pressurisation trolley FV 615320 and smoke generator	
Q 320					1	1-4	Data summary	89U
Q 321					1	1-8	Operator's instructions	
Q 322					1	0	Technical description and field and	
					1	1-16	base repair	
Q 329				1*	1	1-15	Smoke generator improvements	
							Indicator, combustible gas, portable	
Q 340					1	1-2	Data summary	83X
Q 341					1	1-12	Operators instructions	
							Test set, electrical A-vehicle power packs L60, K60 and B81	
R 100					1	1-2	Data summary	88U
R 102					1	1-18	Technical description	
							Hartridge smokemeter Mk 3 model HR 154	
R 150					1	0	Data summary	06C
					1	1-3		
R 151					2	1	Operator's instructions	
							Test Stand Automotive Generator and Starter	
R 300					1	0	Data summary	
					1	1-3		
							Rate-of-fire test set	
T 100					1	1-2	Data summary	82S
T 101					1	0	Operators instructions, technical	
					1	1-13	description and field repairs	
							Polarised laser system, 3mW - Hughes 3076	
W 200					1	1-2	Data summary	89Q
W 202					2	1-4	Technical description	
W 207				1*	1	1-2	IMMEDIATE - Introduction of laser filter	
W 209				1*	1	1	Periodic exercising	

EMER	PART	SECT	CHAP	INSTR	ISSUE	PAGES	SUBJECT	
							Test set night vision	
W 450					1	1-4	Data summary	89S
W 451		0			2	1	Operators instructions	
		1			2	1-6	Introduction and capability	
		2			2	1-7	Constituent parts and packing	
		3			2	1-8	Setting up	
		4			1	0/01	Testing tubes	89S
					2	1-14		
		5			2	1-3	Testing tube supplies	
		6			2	1-9	Testing sights	
		7			2	1-3	User servicing repair policy	
W 457				1*	1	1-3	Counter boring of spindle hole	
W 459							Misc Instrs 1-2 (see page 1 para 7)	
				1*	1	0-01	Battery secondary IAh 24V (Clansman radio)	
					1	1-2		
				2*	1	1	Redesignation of EMER	
							Dioptometer, cased	
W 460					1	1-2	Data summary	89J
W 461					1	1-2	Operators instructions	
W 462					1	1-3	Technical description	
							Field service laser energy monitor	
W 470					2	0	Data summary	89S
					1	1-3		
W 472					2	0-01	Technical description	
					1	1-10		
						1001-1004		
					2	1005-1010		
W 474					1	1-4	Field and base repairs	
W 479				1	1	1	Calibration	89S
W 480					1	1-2	Data Summary	89Q
							END	