

SALES SERVICE BULLETINS

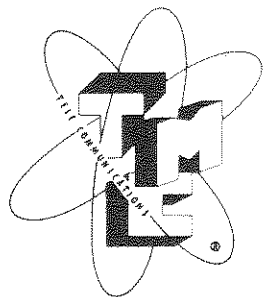


TABLE OF CONTENTS

Alphabetical Index

SEP 27 1961

TMC MODEL	EQUIPMENT	SERVICE NOMENCLATURE	SSB NUMBER
ACU	Antenna Tuning Unit	TN-367/UR	224
AFS-1	Automatic Frequency System		246
AMC-6-2	Antenna Multicoupler	CU-5013/SRR	155
AMC-6-5	Antenna Multicoupler	CU-5032/SRR	155
ATS-2	Antenna Tuning System	AN/URA-27 AN/URA-34	235 235
BAA-1	Broadband Antenna Amplifier		202
BAC	Beverage Wave Antenna Coupler Series		142
BJP	Bridging Jack Panels		223
CFA	Frequency Shift Converter	CV-763/URR	120
CK-2	Take-up Reel Assembly	RL-213/U	165
CON	Operating Consoles		211
CPO-1	Controlled Precision Oscillator	AN/URA-31	241
CPP-4	Audio Patch Panel		251
CPS-1	Controlled Precision Oscillator		244
DAC	Dipole Antenna Coupler Series		158
DCU	Diversity Combining Unit		181
DDR-5	Dual Diversity Receiver	AN/FRR-60	229
DDR-6	Dual Diversity Receiver		232
DRP-1	Diversity Receiving Package		170
DVM-2/3	Diversity Visual Monitor		182
ES-85/U	End Seal Assembly		164
FFR	Communications Receiver	AN/FRR-49(v)	200
FXS	Frequency Exciter System	AN/URA-33	242
GPR-90	Communications Receiver	R-825/URR	179
GPR-90RX	Communications Receiver	R-840/URR	205
GPT-750-2	Radio Transmitter	AN/URA-17A AN/FRT-53	227
GPT-10K	Radio Transmitter	AN/FRT-39A AN/FRT-39B AN/FRT-52	207

TMC MODEL	EQUIPMENT	SERVICE NOMENCLATURE	SSB NUMBER
GPT-40K	Radio Transmitter	AN/FRT-40 AN/FRT-40A AN/FRT-54	206
GSB-1	Single Sideband Adapter		194
HFD/LFD	Antenna Distribution Units		187
HLC	HF/LF Antenna Couplers		177
ISK	Isolation Keyer	KY-333/URA	240
LFA	Low Frequency Shift Adapter		118
LMC/UMC	Antenna Multicoupler Series		203
MSR-3/4/5	Receiving Mode Selectors	CV-591A/URR CV-657/URR CV-657A/URR	196
PAL-350	Linear Power Amplifier		215
PAL-1K	Linear Power Amplifier	AN/URA-36	221
PMO	Variable Frequency Oscillator	0-459A/URT	193
PSP-1/2	Power Supply	PP-2232/U	121
PTE-1	Single Sideband Analyzer	AN/GRM-33	231
PVC	Passive Volume Control		216
QDP	RF Patch Panel Assembly Series	SB-931/U	197
RAC	Rhombic Antenna Coupler Series	CU-836/U	112
RBT	Receiving Broadband Input Transformer		149
RCR	Remote Control System	AN/FRA-19(v)	124
RTB	Rhombic Terminal Unit	MX-2379A/FRR	156
RTC	Remote Control Amplifier	AM-2454/URT	183
SCU	Signal Control Unit		233
SBE-2	Transmitting Mode Selector	AN/URA-23A	195
SBE-3	Transmitting Mode Selector	AN/URA-28	239
SBG-1	Sideband Generator	AN/URA-30	228
SBT-350	Radio Transmitter	AN/GRT-9	220
SBT-1K	Radio Transmitter	AN/URT-19(v) AN/FRT-53 AN/FRT-56	250
SFP-2	Switching Filter Panel		168
SPP	Switching Patch Panels	SB-932/U	210
SW-195	RF Switching Jack	SA-598/U	201
SWR-1K	Standing Wave Ratio Indicator	IM-166/URT	234

TMC MODEL	EQUIPMENT	SERVICE NOMENCLATURE	SSB NUMBER
SWR-3000	Standing Wave Ratio Indicator		198
TAC	Antenna Tuning Unit	CU-658/U	163
TCA-85/12	Connector - Adapter		162
TCA-85/QDS	Connector - Adapter		199
TCA-85/35 QDL	Connector, Receptacle		191
TER	Transmitting Dissipators and Dummy Loads .	DA-199/U DA-200/U DA-201/U DA-209/U DA-210/U	188
TIS-3	Tone Intelligence Unit	TH-39A/UGT	245
TOC	Transit/Operating Cases		217
TR-107	Distribution Transformer		186
TRC	Broadband Transmitting Antenna Coupler Series	CU-729/U	218
TTG-1	Test Generator	0-579/URT	230
VOX	Variable Frequency Oscillator	0-330A/FR	134
VRA	Vertical Receiving Antenna	AT-730/GR	169
XFD-1	Facsimile Demodulator		157
XFK	Frequency Shift Exciter	C-2749A/URT	118
XFL-2	Frequency Shift Exciter System		154
	Mounting Plate/Connector Assemblies		219
	Cable Assemblies, RF Coaxial		222

Field Engineering Bulletins

BULLETIN NO.	TITLE
1	Assembly Instructions. Cable to QDS plugs.
2	Assembly Instructions, CY-2416/U (RAK-4).
3 (Obsolete)	
4	TMC No. & Name Nomenclature and FSN.
5	Notes on receiving type antenna multicouplers and testing procedures
6	Barrington appointment.
7	Project Mercury.

Sales Service Information Bulletin

24	Assembly Instructions. Cable to QDL plugs.
----	--

CROSS INDEX BY CATEGORY

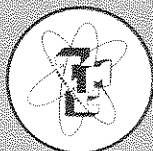
	TMC MODEL	SSB NO.		TMC MODEL	SSB NO.
ANTENNA					
ANTENNA, vertical receiving	VRA	169	GENERATOR, test	TTG-1	230
COUPLERS, rhombic antenna	RAC	112	ISOLATION KEYS	ISK	240
COUPLERS, beverage wave antenna	BAC	142	MODE SELECTOR, transmitting	SBE-2	195
COUPLERS, dipole antenna	DAC	158	MODE SELECTOR, transmitting	SBE-3	239
COUPLERS, HF/LF antenna	HLC	177	OSCILLATOR, controlled precision	CPO-1	241
COUPLERS, broadband transmitter	TRC	218	OSCILLATOR, controlled precision	CPS-1	244
DISSIPATORS, transmitting	TER	188	OSCILLATOR, variable frequency	PMO	193
DISTRIBUTION UNITS, antenna	HFD/LFD	187	OSCILLATOR, variable frequency	VOX	134
INDICATOR, standing wave ratio	SWR-3000	198	POWER AMPLIFIER, linear	PAL-350	215
INDICATOR, standing wave ratio	SWR-1K	234	POWER AMPLIFIER, linear	PAL-1K	221
MULTICOUPLER, antenna	AMC	155	SINGLE SIDEBAND ANALYZER	PTE-1	231
MULTICOUPLERS, antenna	LMC/UMC	203	SIDEBAND GENERATOR	SBG-1	228
TRANSFORMER, distribution	TR-107	186	TONE INTELLIGENCE UNIT	TIS-3	245
TUNING UNIT, antenna	TAC	163	TRANSMITTING SET, radio	GPT-750	174
TUNING UNIT, antenna	ACU	224	TRANSMITTING SET, radio	GPT-10K	207
TUNING SYSTEM, antenna	ATS-2	235	TRANSMITTING SET, radio	GPT-40K	206
TERMINAL UNITS, rhombic	RTB	156	TRANSMITTING SET, radio	SBT-350	220
			TRANSMITTING SET, radio	SBT-1K	250
RECEIVING					
ADAPTER, single sideband	GSB-1	194	AF AND RF DISTRIBUTION		
CONVERTER, frequency shift	CFA	120	ASSEMBLY, end seal	ES-85/U	164
CONVERTER, single sideband	MSR	196	CONNECTOR - ADAPTER	TCA-85/12	162
CONTROL UNIT, signal	SCU	233	CONNECTOR - ADAPTER	TCA-85/QDS	199
COMBINING UNIT, diversity	DCU	181	CONNECTOR, receptacle	TCA-85/35QDL	191
MONITOR, visual, diversity	DVM	182	PANEL, AF patching	CPP-4	251
PACKAGE, diversity receiving	DRP-1	170	PANELS, RF patching	QDP	197
PANEL, filter	SFP-2	168	PANELS, RF switching	SPP	210
POWER SUPPLY	PSP	121	PANELS, bridging	BJP	223
RECEIVER, communication	GPR-90	179	SWITCH, RF	SW-195	201
RECEIVER, communication	GPR-90RX	205	SYSTEMS		
RECEIVER, dual diversity	DDR-5	239	EXCITER SYSTEM, frequency shift	FXS	242
RECEIVER, dual diversity	DDR-6	232	PACKAGE, diversity receiving	DRP-1	170
RECEIVER, communication	FPR	200	RECEIVER, dual diversity	DDR-5	239
SYSTEM, automatic frequency	AFS-1	246	RECEIVER, dual diversity	DDR-6	232
SYSTEM, remote control	RCR	124	SYSTEM, automatic frequency	AFS-1	246
TRANSFORMER, input, receiver, broadband	RBT	149	ENCLOSURES		
VOLUME CONTROL, passive	PVC	216	CASE, transit/operating	TOC	217
TRANSMITTING					
ADAPTER, low frequency shift	LFA	118	CONSOLE, operating	CON	211
AMPLIFIER, broadband antenna	BAA-1	202	ACCESSORIES		
AMPLIFIER, remote control	RTC	183	ASSEMBLIES, mtg. plate/connector		219
DEMODULATOR, facsimile	XFD-1	157	CABLE ASSEMBLIES, RF coaxial		222
EXCITER, frequency shift	XFK	118	REEL ASSEMBLY, take-up	CK-2	165
EXCITER SYSTEM, frequency shift	XFL-2	154			
EXCITER SYSTEM, frequency shift	FXS	242			

THE TECHNICAL MATERIEL CORPORATION

700 FENIMORE ROAD

MAMARONECK, NEW YORK

CABLE
TEPEI
MAMARONECK, N.Y.



IN CANADA:
TMC (CANADA) LTD.
OTTAWA, ONTARIO

COMMUNICATION ENGINEERS



GENERAL CATALOG



ALPHABETICAL INDEX

TMC Model	TMC Name	Tech. Bulletin No.
AFC-2	Automatic Frequency Control	4003
AMC	Antenna Multicoupler	8001
ATS	Antenna Tuning System	2001
BAA-1	Broadband Antenna Amplifier	8010
BAC	Beverage Wave Antenna Coupler Series	8011
BJP	Bridging Jack Panels	*
CA	Patching Cables	*
CFA	Frequency Shift Converter	4008
CK-2	Take-up Real Assembly	9006
CON	Operating Consoles	9001
CPO-1	Control Precision Oscillator	2005
CPS-1	Control Precision Oscillator	2006
DAC	Dipole Antenna Coupler	8013
DCU	Diversity Combining Unit	4010
DDR-5A, DDR-5B	Continuous Tuned Receiver Synthesized	3001
DDR-5C, DDR-5D	Continuous Tuned Receiver Unsynthesized	3007
DDR-5E, DDR-5F	Multichannel Fixed Tuned Receiver Synthesized	3008
DDR-5G, DDR-5H	Multichannel Fixed Tuned Receiver Unsynthesized	3009
DDR-6	Dual Diversity Receiver	3003
DRP-1	Diversity Receiving Package	3002
DVM	Diversity Visual Monitor	4007
ES-85U	End Seal	7003*

* Connector Products Catalog

TMC Model	TMC Name	Tech. Bulletin No.
FRR	Communications Receiver	3004
FXS	Frequency Shift Exciter System	2027
<hr/>		
GPE-1	General Purpose Exciter	2023
GPR-90 Series	General Purpose Receiver	3005
GPR-92	General Purpose Receiver	3006
GPT-350	General Purpose Transmitter	1002
GPT-750	General Purpose Transmitter	1007
GPT-1K	General Purpose Transmitter	1002
GPT-10K	General Purpose Transmitter, 10KW PEP Unsynthesized	1008
GPT-10K	General Purpose Transmitter, 10KW PEP Synthesized	1005
GPT-40K	General Purpose Transmitter, 40KW PEP Unsynthesized	1009
GPT-40K	General Purpose Transmitter, 40KW PEP Synthesized	1006
GPT-200K	General Purpose Transmitter, 200KW PEP Synthesized	1014
GSB	Single Sideband Adapter	4002
<hr/>		
<hr/>		
<hr/>		
<hr/>		
<hr/>		
<hr/>		
<hr/>		
HFD	Antenna Distribution Unit	8007
HLC	Antenna Couplers	8008
HYB-2	Voice Hybrid	9002
<hr/>		
<hr/>		
<hr/>		
ISK	Isolation Keyer	9003
<hr/>		
<hr/>		
JPP	RF Patch Panels	*
<hr/>		
<hr/>		
LFA	Low Frequency Adapter	2019
LFD	Antenna Distribution Unit	8007
LMC	Antenna Multicoupler	8001

TMC Model	TMC Name	Tech. Bulletin No.
MCT-1K MSR	Multichannel Transmitter, 1KW PEP Receiving Mode Selector	4001
PAL-350	Linear Power Amplifier, 350 Watts	2002
PAL-1KA	Linear Power Amplifier, 1KW PEP	2003
PAL-40K	Linear Power Amplifier, 40KW PEP	2004
PMO	Portable Master Oscillator	2007
PSP-1/2	Power Supply	9004
PTE-3	RF Spectrum Analyzer	6001
PVC-1/2	Passive Volume Control	9007
QDP	RF Patching Panels	*
RAC	Rhombic Antenna Coupler Series	8006
RBT	Receiving Broadband Input Transformer	8005
RCR	Remote Control System	4009
RMX-1	Voice Frequency Demultiplexer	5002
RTB	Rhombic Terminal Unit	8012
RTC	Remote Control Amplifier	2022
SBC	Sideband Converter	4003
SBE-2	Sideband Exciter	2008
SBE-3, SBE-4	Sideband Exciter	2009
SBG-1	Sideband Generator	2010
SBG-1L	Sideband Generator, Low Frequency	2013
SBG-2	Sideband Generator	2011
SBG-3	Sideband Generator	2012
SBS	Sideband Selector	4003
SBT-350	Sideband Transmitter, 350w	1003
SBT-1K Series	Sideband Transmitter, 1KW PEP	1001
SBT-1KJ	Sideband Transmitter, 1KW PEP	1011
SBT-1KQ	Sideband Transmitter, 1KW PEP	1012
SBT-1KL	Sideband Transmitter, 1KW PEP	1013
SFP-2	Switching Filter Panel	4008
SPP	Switching Patch Panels	7007*
SPU-1	Speech Processing Unit	2026
SW-195	RF Switching Jack	7006

* Connector Products Catalog

TMC Model	TMC Name	Tech. Bulletin No.
SWR-1K	Standing Wave Ratio Indicator	2014
SWR-3K	Standing Wave Ratio Indicator	2015
<hr/>		
<hr/>		
<hr/>		
TAC	Antenna Tuning Unit	2024
TCA-85/12	Connector Adapter	7002*
TCA-85/QDS	Connector Adapter	7005*
TCA-85/35QDL	Connector Receptacle	7004*
TER Series	Transmitting Dissipaters and Dummy Loads	8009
TIS-3	Tone Intelligence System	2025
TMX-1	Voice Frequency Multiplexer	5002
TOC	Transit Operating Cases	9005
TR-107	Distribution Transformer	8014
TRC Series	Transmitting Antenna Coupler Series	8015
TTG-2	Two Tone Generator	6002
TTM-1	Transistorized Tone Telegraph System, Non-diversity	5008
TTM-2	Transistorized, Tone Telegraph System, Space Diversity	5009
TTM-3	Transistorized Tone Telegraph System, Frequency Diversity	5010
TTR-1	Transistorized Portable SSB Transmitter/Receiver	1004
TTS-1	Transistorized Tone Telegraph System, Non-diversity	5003
TTS-2	Transistorized Tone Telegraph System, Non-diversity	5004
TTS-3	Transistorized Tone Telegraph System, Space Diversity	5001
TTS-4	Transistorized Tone Telegraph System, Space Diversity	5005
TTS-5	Transistorized Tone Telegraph System, Frequency Diversity	5006
TTS-6	Transistorized Tone Telegraph System, Frequency Diversity	5007
<hr/>		
<hr/>		
VLFC-1	VLF Frequency Standard Comparison System	6003
VOX-5	Variable Frequency Oscillator	2018
VRA-5, VRA-6	Vertical Receiving Antennas	8004
<hr/>		
XFK	Frequency Shift Keyer	2020
XFL	Low Frequency Shift Keyer System	2021

* Connector Products Catalog