

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.							
	QUANTITY REQ.	L	P	N	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET		
										A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
							<u>ELECTRICAL/MECHANICAL</u>																		
P	1						Terminal Board, Machining	A-1873																	
P	1						Terminal Board, Lettering	A-1873																	
P	1						Terminal Board, Mech. Assembly	A-1873																	
	1						Coil R.F. tuned	T603	T603																
	1						Coil I.F. tuned	T604	T604																
P	2						Lamp, Incandescent, GE 1820		I 601, 602																
P	2						Capacitor, Fixed, Mica, .001	p/o T603, 604																	
P	5						Capacitor, Fixed, Mica, .01	Used On: (C603, 604 605, 607) A-1873	C603, 604, 605, 607, 609																
P	4						Capacitor, Fixed, Mica, .1	Used On: (C601, 602, 606) A-1873	C601, 602, 606, 610																
P	2						Capacitor, Electrolytic		C608, 611																

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.	NPL-CSS-1					
	QUANTITY REQ.	P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET	OF	SHEETS
									A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R
						<u>ELECTRICAL/MECHANICAL</u>																		
P	3		CF-117-2		1	Coil Form	Used On: AC-122 AC-123 NF-106																	
P	3		CI-109-7		2	Core, Tuning, Powered Iron	Used On: NF-106 AC-123 AC-122																	
P	2		CL-140-1		1	Coil, R.F., Fixed, 2.5 mhy	Used On: A-1873	L601,602																
P	2		CM15C471J		2	Capacitor, Fixed, Mica	Used On: NF-106																	
P	1		CM20C102K		2	Capacitor, Fixed, Mica	Used On: AC-123																	
P	1		CM20D102J		2	Capacitor, Fixed, Mica	Used On: AC-122																	
P	1		CM20D301G		2	Capacitor, Fixed, Mica	Used On: AC-123																	
P	1		CM35C822J		2	Capacitor, Fixed, Mica .008	Used On: AC-122																	
P	4		FC-102-1-XX-N		2	Clip, Fuse																		
P	2		FH-104-3		2	Holder, Fuse		XF601,602																
P	3		FP-161		1	Can	(1) A-1513																	

PURCHASED ITEM	MATERIAL LIST			MODEL	CSS-1													PROJ. NO.	LIST NO. NPL-CSS-1							
	QUANTITY REQ.	L	P	Z	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET 3 OF 14 SHEETS			
										A	B	C	D	E	F	G	H	J	K	L	M	N	P	R		
							<u>ELECTRICAL/MECHANICAL</u>																			
							<u>FOR 110 VOLT OPERATION</u>																			
P	2					2	Fuse, Cartridge, Slo-Blo, .5 Amp.		F601																	
P	2					2	Fuse, Cartridge, Slo-Blo, .75 Amp.		F602																	
							<u>FOR 230 VOLT OPERATION</u>																			
P	2					2	Fuse, Cartridge, Slo-Blo, 1/4 Amp.		F601																	
P	2					2	Fuse, Cartridge, Slo-Blo, 3/4 Amp.		F602																	
P	2					2	Handle, Nickel Plated																			
P	1					ND	Receptacle, Twist Lock, Male		J605																	
P	1					2	Knob, Molded, Pointed																			
P	1					2	Meter, D.C. Milliamperes, 0-25 Centering		M601																	
	1				B	8	Chassis, Main	LD-729																		
	1				A	4	Side Plate, Left																			
	1					4	Side Plate, Right																			

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.	NPL-CSS-1							
	QUANTITY REQ.	L	P	ISSUE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	SHEET	4	OF	14	SHEETS		
				PART NO.	REV	DWG SIZE	DESCRIPTION													REF	SYMBOLS					
				<u>ELECTRICAL/MECHANICAL</u>																						
00	1			MS-1775-7		4	Cover, Bottom, Blank Size																	MS-2070		
	1			MS-1784-4		4	Cover, Top, Blank Size																	MS-2367		
	1			MS-2367		8	Cover, Top																	MS-1784-4		
	1			MS-2070		8	Cover, Bottom																	MS-1775-7		
	2			MS-2203		1	Bracket, Rectifier Mount																			
	1			MS-2204		1	Plate, Standard Mounting																	LD-731		
	1			MS-2184		4	Plate, Rear																	LD-730		
	1			MS-2185		8	Front, Panel, Machining																	LD-722		
P	1			NF-105-1		2	Frequency Standard, Plug In Type																	Z602		
P	1			NP-103-61		4	Nameplate, Commercial																			
P	1			NP-370		1	Nameplate, Navy																			
P	1			PL-171		1	Connector, Plug, AC, 2 Prong, Male																	CA-555	P602	
P	1			PL-176		1	Connector, Plug, AC, 3 Prong, Female																	CA-555	P601	
P	1			PX-403		1	Terminal Board, 5 Lug																	Used On: NF-106		
P	2			PX-547		1	Terminal Board, 5 Lug																	Used On: AC-122, AC-123		
P	3			RC20GF102K		2	Resistor, Fixed, Composition																	Used On: A-1873	R605,606,612	
P	1			RC20GF103K		2	Resistor, Fixed, Composition																	Used On: A-1873	R615	
P	3			SEE NOTE		2	NOTE: Not Supplied By Mtg.																		Used On: A-1873	R621,622,623
P	1			RC20GF222K		2	Resistor, Fixed, Composition																	Used On: A-1873	R609	
P	3			RC20GF223K		2	Resistor, Fixed, Composition																	Used On: A-1873	R603,608,610	
THE TECHNICAL MATERIEL CORPORATION										MAMARONECK, NEW YORK										CHECKED		APPROVED				

PURCHASED ITEM	MATERIAL LIST			MODEL	CSS-1													PROJ. NO.	LIST NO.	NPL-CSS-1				
	QUANTITY REQ.	N P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET	OF	SHEETS
									A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	5
						<u>ELECTRICAL/MECHANICAL</u>																		
P	1		RC20GF181K		2	Resistor, Fixed, Composition		R625																
P	2		RC20GF271K		2	Resistor, Fixed, Composition	Used On: A-1873	R604,607																
P	2		RC20GF561K		2	Resistor, Fixed, Composition	Used On: A-1873	R601,602																
P	1		RC20GF562K		2	Resistor, Fixed, Composition	Used On: A-1873	R613																
P	1		SEE NOTE			NOTE: Not Supplied by Mfg.		R625																
P	1		RC20GF681K		2	Resistor, Fixed, Composition	Used On: A-1873	R611																
P	1		RC32GF102K		2	Resistor, Fixed, Composition		R619																
P	2		RC42GF181K		2	Resistor, Fixed, Composition		R620,624																
P	1		RV4ATRD105A		2	Resistor, Variable, 2 Watt		R616																

PURCHASED ITEM	MATERIAL LIST			MODEL	CSS-1													PROJ. NO.	LIST NO.	NPL-CSS-1				
	QUANTITY REQ.	P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET	OF	SHEETS
									A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	6
						<u>ELECTRICAL/MECHANICAL</u>																		
P	1		RV106UX8B102A		2	Resistor, Variable, 1K, 1/2 Watt		R617																
P	1		RV106UX8B502A		2	Resistor, Variable, 5K, 1/2 Watt		R614																
P	1		RW-111-7		1	Resistor, Fixed, Wire Wound, 50 Ohms		R618																
P	1		RX-105-17		2	Rectifier, Full Wave Bridge		CR602																
P	6		SM-145		1	Bushing, Coil Mounting	Used On:	(2) NF-106 (2) AC-122 (2) AC-123																
P	1		ST-22N		2	Switch, Toggle, DPDT		S601																
P	1		TF-228K15		ND	Transformer, Step-Up	Used On:	T602																
P	1		TF-221		2	Choke, Filter, 30 MH	used on	L603																
P	1		TF-222		ND	Transformer, Step-Up	A-1873	T601																

PURCHASED ITEM	MATERIAL LIST			MODEL	CSS-1													PROJ. NO.	LIST NO.	NPL-CSS-1				
	QUANTITY REQ.	P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET 7 OF 14 SHEETS		
									A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	
						<u>ELECTRICAL/MECHANICAL</u>																		
P	3		TS-147		1	Socket, Transistor		XQ601, 602, 603																
P	1		TS-101-P01/A		2	Socket, Tube, Octal, High Crown		XZ602																
P	2		TS-101-P01		2	Socket, Tube, Octal,		XC608,611																
P	2		TS-106-2		1	Socket, Lamp, Bayonet Base, clear lens		XI601,602																
P	5		UG-625/U		1	Connector, Coaxial, Female		J601,602,603,604,606																

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.					
	QUANTITY REQ.	P	L	ISSUE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	SHEET	8	OF	14
				REV	DWG SIZE	DESCRIPTION													REF	SYMBOLS			
						<u>TUBES & DIODES</u>																	
P	2					Diode, Germanium													p/o Z601				
P	3					Transistor, RCA														Q601,602,603			
P	1					Zenier Diode, 27 Volts														CR601			
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PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.					
	QUANTITY REQ.	P	N	ISSUE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	SHEET	OF	SHEETS
				REV	DWG SIZE	DESCRIPTION												REF	SYMBOLS			
						<u>HARDWARE</u>																
P	3				1	Lug, Turret																
P					1	Lug, Solder, 6-32																
P	3				1	Terminal, Locking													(1) NF-106			(1) AC-122 (1) AC-123
P	4				1	Standoff, Rivet, Type													MS-2181			
P	3				1	Standoff, Rivet, Type													p/o A-1873			
P	58				1	Terminal													p/o A-1873			
P	6				1	Lug, Solder																
P	3				1	Lug, Solder													p/o A-1873			
P	5				1	Terminal, Ring Type													Used On:			
																			(2) NF-106			(2) AC-122 (1) AC-123
P	2				2	Lug, Solder																
P	13				2	Terminal, Miniature													Used On:			
																			PX-403,547			
P	2				1	Terminal, Miniature													Used On:			
																			NF-106			
P	6				1	Lug, Angle, Threaded																(2) A-1513
P	5					Lug Solder																

PURCHASED ITEM	MATERIAL LIST			MODEL	CSS-1												PROJ. NO.	LIST NO.	NPL-CSS-1				
	QUANTITY REQ.	P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE												SHEET	OF	SHEETS
									A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
						<u>RAW MATERIALS</u>																	
P	X		BS-100			Solder, Soft																	
P	X		CD-100-2			Cord, Lacing																	
P	X		GL-103			Cement, Duco																	
P	X		GL-104-2			Insulex, U85																	
P	X		MWC20(7)U-0			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-98			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-8			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-6			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-6			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-91			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-1			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-95			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-95			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-5			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-94			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-94			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-4			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-0			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-93			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-93			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-3			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-92			Cable, Insulated	p/o CA-542																
P	X		MWC20(7)U-2			Cable, Insulated	p/o CA-542																
P	12'		WI-134-2-12		2	Cable, AC, 2 Cond., Coiled	CA-555																

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.						
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET	OF	SHEETS
									A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	13
						<u>SUPPORTING DRAWINGS</u>																		
3			A-1513	—	1	Can Assembly	Used-On:	(1) NF-106 (1) AC-122,																
1			A-1873	—	4	Terminal Board, Assembly	A-1884, 1891	(1) AC-123																
1			AC-122 (2A-1893)	—	1	I.F. Transformer Assembly		T603																
1			AC-123 (2A-1894)	—	1	I.F. Transformer Assembly		T604																
1			CA-542	—	8	Cable, Main																		
1			CA-555-1	—	1	Cable, AC, Coiled		W601 (P601,P602)																
1			CK-441	B	4	Schematic Diagram																		
1			LD-722 (Sheet 1)	—	8	Engraving, Front Panel; Front	MS-2185																	
1			LD-722 (Sheet 2)	—	8	Lettering, Front Panel; Rear	MS-2185																	
1			LD-729	A	8	Lettering, Main Chassis	MS-2181																	
1			LD-730	A	4	Lettering, Rear Plate	MS-2184																	
1			LD-731	A	4	Lettering, Standard Mtg. Plate	MS-2204																	
1			NF-106 (2A-1895)	—	2	I.F. Transformer Assembly		Z601																

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.							
	QUANTITY REQ.	L	P	Z	ISSUE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	SHEET	14	OF	14
					REV	DWG SIZE	DESCRIPTION												REF	SYMBOLS				
							<u>SPECIFICATIONS</u>																	
							Test Procedure																	
							S-490																	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

REVISION SHEET

THE TECHNICAL MATERIAL CORP.
MAHARONECK NEW YORK

NPL-CSS-1

MODEL CSS-1

PROJECT NO _____

DATE	REV.	PAGE	EMN#	DESCRIPTION	CHK.	APR.
6-9-60	A	9	2449	Added LWE06MRN		
6-9-60	A	9	2449	Added LWE08MRN		
6-9-60	A	9	2449	Added LWE10MRN		
6-9-60	A	9	2449	Added LWS03MRN		
6-9-60	A	9	2449	Added NTH0348BN6		
6-9-60	A	9	2449	Added NTH0832BN8		
6-9-60	A	9	2449	Added SCBS0348BN7		
6-9-60	A	9	2449	Added SCBS0632BN5		
6-9-60	A	9	2449	Added SCFS0348BN4		
6-9-60	A	9	2449	Added SCFS0832BN5		
6-9-60	A	9	2449	Added SCHH1032BN10		
6-9-60	A	10	2449	Added TF-149-144		
6-28-60	B	5	2578	Changed Quan. from 1 to 2, add sym. #R624 to RC42GF181K		
6-28-60	B	13	2578	Changed AC-122 (A-1894) to AC-122 (2A-1893)		
6-28-60	B	13	2578	Changed AC-123 (A-1893) to AC-123 (2A-1894)		
8-11-60	C	4		On "SEE NOTE", chg. sym. from 625 to 623		
8-11-60	C	10		Changed TE-108-8 to TE-108-6, chg. ref. from MS-2204 to MS-2181		
8-11-60	C	9		Changed CU-118-6S to CU-118-7S		
8-11-60	C	9		On FS-102-1, 109-3, 110-1, chg. quan. from 10 to 9.		
8-11-60	C	9		Chg. Ref. from (5) MS-2069 to (4) MS-		
8-11-60	C	9		Changed NTH0832BN8 to NTH0832BN10		
"	C	4		<i>Dele. cover # MS-2069 (To be changed)</i>		
8-30-60	D	6	2890	Changed TF-220 to TF-228K15 (T602)		
"	D	4	2890	Added MS-2367		
9-13-60	E	13		Added LD-775		
11-4-60	F	4	3406	Added PL-171, PL-176		
11-4-60	F	12	3406	Added WI-134-2-12		
11-4-60	F	13	3406	Added CA-555		
11-17-60	G	5	3500	Added RC20GF181K R625		
11-23-60	H	4	3571	Change from NF-105 to NF-105-1 (Symbol #Z602)		
3-1-61	J	12	4307	Chg. all wire from MWC20(7)J to MWC20(7)U.		
3-2-61	J	2	4307	Added (3) FP-161.		
3-2-61	J	9	4307	Added (6) EY-100-1.		
3-2-61	J	10	4307	Added (6) TE-167.		
8/24/61	K	9	5502	Add 6 each NT-136-1032-4		
10/9/61	L	10	5689	On TE-153-3, change quan. from 6 to 5, change ref. from (2)AC-123 to (1)AC-123		