

ITEM NUMBER	QUANTITY		NOMENCLATURE	PART TYPE OR MODEL NUMBER	MANUFACTURERS NAME OR FEDERAL SUPPLY CODE	REMARKS	SIZE		
	GF	CF					LENGTH	HEIGHT	WIDTH
1		2	TUNER, RADIO FREQUENCY	TN-511/URR		UNITS 1 AND 5	19.38	7	19
2		2	DEMULTIPLEXER	TD-914/URR		UNITS 2 AND 6	19	7	19
3		2	GENERATOR, REFERENCE SIGNAL	O-1510/URR		UNITS 3 AND 7	18.5	5.25	19
4		2	DECODER, COMMAND SIGNAL	KY-661/URR		UNITS 4 AND 8	19.88	5.25	19
5		1	CONVERTER-STORER, SIGNAL DATA	CV-2521(V)/URC		UNIT 9	17	5.25	19
6		1	INTRA-UNIT CABLING	SEE DWG NO CK1565 SHT 2		UNIT 10			
7	1		CABINET, RELAY RACK	MODIFIED CY-597A/G		UNIT 11	24	87.56	22.38
8	2		CABLE, RF COAXIAL	RG-213/U		"A" & "B" ANTENNA INPUTS			
9	2		CABLE	TTRS-4		"A" & "B" 4-CHANNEL AUDIO OUTPUTS			
10	1		CABLE	TTRS-2 (1)		REMOTE TUNING INPUT			
11	2		CABLE	TTRS-2 (1)		"A" & "B" READBACK OUTPUTS			
12	2		CABLE, RF COAXIAL	RG-58/U		EXT 1Mc STD INPUT RECEIVERS "A" & "B" (OPTIONAL)			
13	2		CABLE	TTRS-2 (1)		"A" & "B" MONITOR SPEAKER OUTPUTS (OPTIONAL)			
14	1		CABLE, AC POWER	THFA-3		AC POWER INPUT			
15		1	CABLE			DIVERSITY INTERCONNECT (P/O ITEM 6)			
16	1		CABLE, RF COAXIAL	RG-58/U		1Mc STD INTERCONNECT			
17			(NOT USED)						
* 18	1		CABLE	TTRS-2 (1)		*P/O ITEM 10 REMOTE TUNING INTERCONNECT			
* 19	1		CABLE	TTRS-2 (1)		*REMOTE CONTROL INTERCONNECT			
* 20	1		CABLE	CA409-32-8_00		*"START TUNE" JUMPER			
21		1	BLANK PANELS SET	P/O UNIT 11					
22		1	GROUNDING STRAP	WL101-1 #10 AWG					
23		36	SCREW, MACHINE	SCBP1032BN8		UNIT MTG			
24		36	WASHER, FIBER	WA101-11		UNIT MTG			
25	1		STRAP	WL100-7 #22 AWG		SEE "TTY LOOP" CHART			
26		2	CONNECTOR, PLUG COAXIAL	UG536*/U		FOR ITEM 8 (MATES WITH 10W1J8 & 10W5J8)			
27		2	CONNECTOR, PLUG	MS3106B24-28P		FOR ITEM 9 (MATES WITH 10W1J7 & 10W5J7)			
28		1	CONNECTOR, PLUG	MS3106B14S-2S		FOR ITEM 10 (MATES WITH 10W3J4)			
29		2	CONNECTOR, PLUG	MS3106B16S-1P		FOR ITEM 11 (MATES WITH 10W4J3 & 10W7J3)			
30		1	CONNECTOR, PLUG COAXIAL	UG-88C		FOR ITEM 12 (MATES WITH 10W1J10)			
31		2	CONNECTOR, PLUG	MS3106B14S-2P		FOR ITEM 13 (MATES WITH 10W1J5 & 19W3J5)			
32			(NOT USED)						
* 33		1	CONNECTOR, PLUG	MS3106B28-21P		FOR ITEM 19 (MATES WITH 10W3J2)			
34		2	CONNECTOR, PLUG TELEPHONE	PJ055		FOR HEADSET (OPTIONAL) MATES WITH 2J20 & 6J20 "PHONE" JACKS			

TTY LOOP CHART	
TTY LOOP	STRAP USAGE
60mA	STRAP
20mA	NO STRAP

\* REQUIRED FOR A SERIES OF RECEIVING SETS OPERATED FROM A COMMON REMOTE TUNING INPUT TTY CHANNEL

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
X		UPDATED TO 2-18-70 SUBMISSION	2-17-70		KD	
D		ORIGINAL RELEASE FOR PRODUCTION	4/13/70			
A		ITEM 3 HEIGHT WAS 7, ITEM 16 ADDR-58/U	4/13/70	20024	RY	

CONTRACT NO.: N600(63133)65805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410(SHIPS) DATED 17 JANUARY 1962

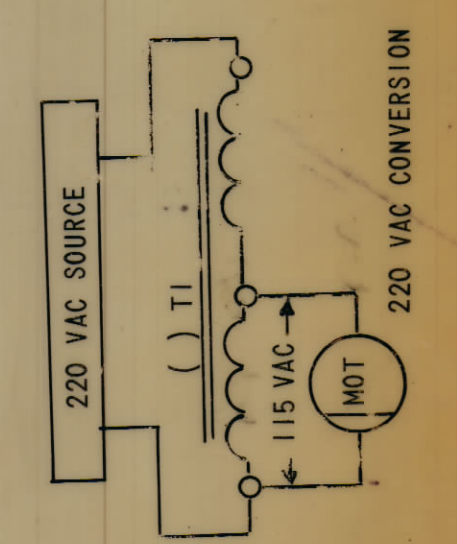
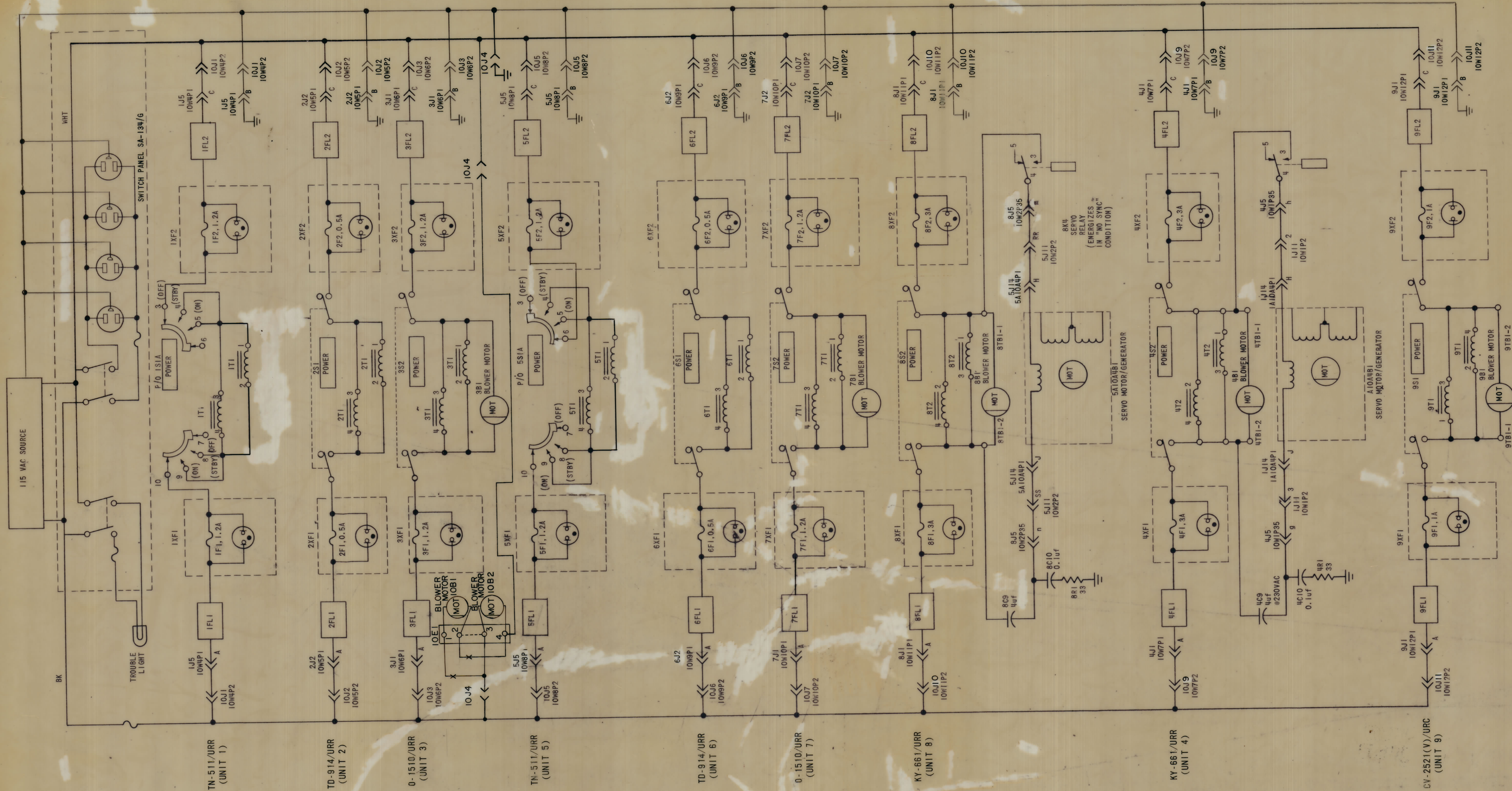
QTY / UNIT	DDRR-10M	0100 00P
MODEL USED ON		ASS'Y NO.
APPLICATION		
CODE		

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES				
TOLERANCES ON		DATE	THE TECHNICAL MATERIEL CORP.	
DECIMALS	FRACTIONS	4-13-70	MAMARONECK, NEW YORK	
.X ± .05	± 1/64		RECEIVING SET, RADIO	
.XX ± .01	ANGLES		AN/URR-63(V)2	
.XXX ± .005	± 0°-30'		SUMMARY LIST OF INSTALLATION MATERIAL	
MATERIAL		DATE	SIZE	CODE IDENT. NO. / DWG NO.
FINISH			D 82679	ID 376
			SCALE NONE	SHEET 2 OF

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B ID 376 A

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	EM.N	NO	DRAFT
X1		UPDATED TO 2-18-70 SUBMISSION	2-18-70			KD
		ORIGINAL RELEASE FOR PRODUCTION	4/10/70			
A		REVISED & UPDATED	4/23/70	20024		RF



NOTE: FOR 220 VAC OPERATION OF IOB1 & IOB2, REMOVE JUMPERS MARKED X ON IOE1 & ADD JUMPER -----

CONTRACT NO.: N600(63133)65805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410(SHIPS)  
 DATED 17 JANUARY 1962

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK				
RECEIVING SET, RADIO AN-URR-63 (V) 2 AC POWER DISTRIBUTION				
SIZE		CODE IDENT. NO. DWG. NO.		ISSUE
		82679 ID 376		A
SCALE NONE				SHEET 6 OF

DDRR-10M 0100 012

8	7	6	5	4	3	2	1							
MFGR CODE	NAVY CABLE DESIGNATION	CABLE TYPE & SIZE	NO. OF ACTIVE CONDS	COLOR CODE	FROM	TERMINAL BOARD, PLUG OR JACK	TERMINAL OR PIN DESIGNATION	TO	TERMINAL BOARD, PLUG OR JACK	TERMINAL OR PIN DESIGNATION	FUNCTION	CURRENT IN AMPS	MAX ALLOW VOLT DROP	SUPPLIED BY
		RG213/U	1		INTERFACE PANEL, RCVR "A"	10W1J8 "ANTENNA"		ANTENNA, RCVR "A"			ANTENNA INPUT RCVR "A"			GFM
		RG213/U	1		INTERFACE PANEL, RCVR "B"	10W5J8 "ANTENNA"		ANTENNA, RCVR "B"			ANTENNA INPUT RCVR "B"			GFM
	TTRS-4		8		INTERFACE PANEL, RCVR "A"	10W1J7 "AUDIO"	A B C D E F G H K L M N W X Y Z	AUDIO LINES RCVR "A" SYM/B2 CH LINE B1 CH LINE A1 CH LINE A2 CH LINE			4-CHANNEL AUDIO OUTPUT; RCVR "A" 600Ω CT } SYM/B2 600Ω GND } 600Ω CT } B1 600Ω GND } 600Ω CT } A1 600Ω GND } 600Ω CT } A2 600Ω GND }			GFM
	TTRS-4		8		INTERFACE PANEL, RCVR "B"	10W5J7 "AUDIO"	A B C D E F G H K L M N W X Y Z	AUDIO LINES RCVR "B" SYM/B2 CH LINE B1 CH LINE A1 CH LINE A2 CH LINE			4-CHANNEL AUDIO OUTPUT; RCVR "B" 600Ω CT } SYM/B2 600Ω GND } 600Ω CT } B1 600Ω GND } 600Ω CT } A1 600Ω GND } 600Ω CT } A2 600Ω GND }			GFM
	TTRS-2		2		INTERFACE PANEL, RCVR "A"	10W3J4 "MEMORY INPUT"	A C B	TTY RCVR			REMOTE TUNING INPUT, RCVR "A" & "B" +(1) -(0) GND			GFM
	TTRS-2		2		INTERFACE PANEL, RCVR "A"	10W4J3 "READBACK OUTPUT"	A C B	TTY XMTR RCVR "A" CH			READBACK OUTPUT, RCVR "A" HI LEVEL SPACE (0) COMMON HI LEVEL MARK (1)			GFM
	TTRS-2		2		INTERFACE PANEL, RCVR "B"	10W7J3 "READBACK OUTPUT"	A C B	TTY XMTR RCVR "B" CH			READBACK OUTPUT, RCVR "B" HI LEVEL SPACE (0) COMMON HI LEVEL MARK (1)			GFM
		RG-58/U	1		INTERFACE PANEL, RCVR "A"	10W1J10 1Mc-EXT STD		EXT 1Mc STD SOURCE			EXT 1Mc STD INPUT-RCVR "A"			GFM
	TTRS-2		2		INTERFACE PANEL, RCVR "A"	10W1J5 "SPEAKER"	A B C	SPEAKER, RCVR "A"			MONITOR SPEAKER OUTPUT, RCVR "A" AUDIO PAIR SHLD			GFM

REVISIONS				DATE	APPROVED
E.M.N.O.	DRAFT	CHKD	ZONE	LTR	DESCRIPTION
			X	B	UPDATED TO 2-18-70 SUBMISSION
					ORIGINAL RELEASE FOR PRODUCTION
20024				A	RG174/U FUNCTION WAS INPUT RCVR A & B
					10-13/70

LEGEND FOR REFERENCE DESIGNATIONS

$\frac{10}{7}$  UNIT  
 $\frac{W1}{1}$  CABLE  
 $\frac{J5}{1}$  JACK

CONTRACT NO.: N600(63133)65805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410(SHIPS)  
 DATED 17 JANUARY 1962.

QTY / UNIT	MODEL USED ON	ASSY NO.
	DDRR-10M	0100 011
APPLICATION		
	CODE	

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
	FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP.	
	MECH. DES.	DATE	MAMARONECK, NEW YORK	
	ELECT. DES.	DATE	RECEIVING SET RADIO	
	CHECKED	DATE	AN/ URR 63(V) 2	
	DRAWN	DATE	CABLE RUNNING SHEET	
			SIZE	CODE IDENT NO. DWG NO.
			D	82679 ID 376
			SCALE	SHEET 7 OF

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL	DATE
		4-13-70
TOLERANCES ON		
DECIMALS	FRACTIONS	
.X ± .05	± 1/64	
.XX ± .01	ANGLES	
.XXX ± .005	± 0° -30'	

8	7	6	5	4	3	2	1							
MFGR CODE	NAVY CABLE DESIGNATION	CABLE TYPE & SIZE	NO OF ACTIVE CONDS	COLOR CODE	FROM	TERMINAL BOARD PLUG OR JACK	TERMINAL OR PIN DESIGNATION	TO	TERMINAL BOARD PLUG OR JACK	TERMINAL OR PIN DESIGNATION	FUNCTION	CURRENT IN AMPS	MAX ALLOW VOLT DROP	SUPPLIED BY
	TTRS-2		2		INTERFACE PANEL, RCVR "B"	10W3J5 "SPEAKER"	A B C	SPEAKER, RCVR "B"			MONITOR SPEAKER OUTPUT, RCVR "B" AUDIO PAIR SHLD GND			GFM
		RG-58/U	1		INTERFACE PANEL, RCVR "B"	10W5J10 "1Mc EXT STD"		1Mc EXTERNAL STD SOURCE	10W5J10 "1Mc EXT STD"		1Mc STD INPUT RCVR "B"			GFM
	TTRS-2		2		INTERFACE PANEL, RCVR "A"	10W3J4 "MEMORY INPUT"	A C B	INTERFACE PANEL, RCVR "A" OF NEXT RECEIVING SET	10W3J4 "MEMORY INPUT"		REMOTE TUNING INTERCONNECT +(1) -(0) GND			GFM
	TTRS-2		1		INTERFACE PANEL, RCVR "A"	10W3J2 "MEMORY OUTPUT"	f s	INTERFACE PANEL, RCVR "A" OF NEXT RECEIVING SET	10W3J2 "MEMORY OUTPUT"		REMOTE CONTROL INTERCONNECT STUNT GND			CFM
CA409-32-8.00			1		INTERFACE PANEL, RCVR "A"	10W3TB1	1	INTERFACE PANEL, RCVR "A"	10W3TB1	**	"START TUNE" JUMPER			CFM
	THFA-3		2		POWER SOURCE	SEE DWG NO ID376		JUNCTION BOX SA238G	WHT & BLK PIGTAIL		POWER			GFM
		RG-58/U			INTERFACE PANEL, RCVR "A"	10W5J9 "IMC MON."		INTERFACE PANEL, RCVR "B"	10W5J10 EXT. STD		DIVERSITY IMC INTERCONNECT (OPTIONAL)			GFM

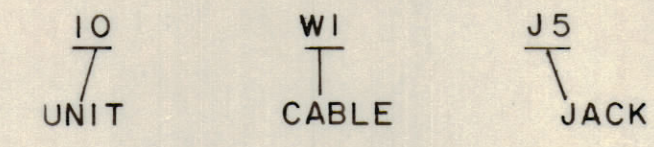
REVISIONS							
E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	KD			X	UPDATED TO 2-18-70 SUBMISSION	3-13-70	
	CD				ORIGINAL RELEASE FOR PRODUCTION	4-13-70	
20024	RP	CD		A	RG174/U INTFC PNL, RCVR B WAS INTFC PNL, RCVR A	10/13/70	REB

\* REQUIRED FOR A SERIES OF RECEIVING SETS OPERATED FROM A COMMON REMOTE TUNING INPUT TTY CHANNEL

\*\* TERMINAL FOR RCVG SET

2	1
3	2
4	3
5	4
6	5

LEGEND FOR REFERENCE DESIGNATIONS



CONTRACT NO.: N600(63133)65805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410 (SHIPS)  
 DATED 17 JANUARY 1962.

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL	DATE	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  <b>RECEIVING SET, RADIO AN/URR-63(V)2</b> <b>CABLE RUNNING SHEET</b>
TOLERANCES ON		MECH. DES.	DATE	
DECIMALS      FRACTIONS		ELECT. DES.	DATE	
.X ± .05      ± 1/64		CHECKED	DATE	
.XX ± .01      ANGLES		DRAWN	DATE	
.XXX ± .005      ± 0°-30'				
MATERIAL				SIZE CODE IDENT NO DWG NO. ISSUE
FINISH				D 82679 ID 376 A

DPRR-12M      0100 011

QTY / UNIT	MODEL USED ON	ASSY NO.
	APPLICATION	
	CODE	

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