

Class 43—Transmitter-receiver Units

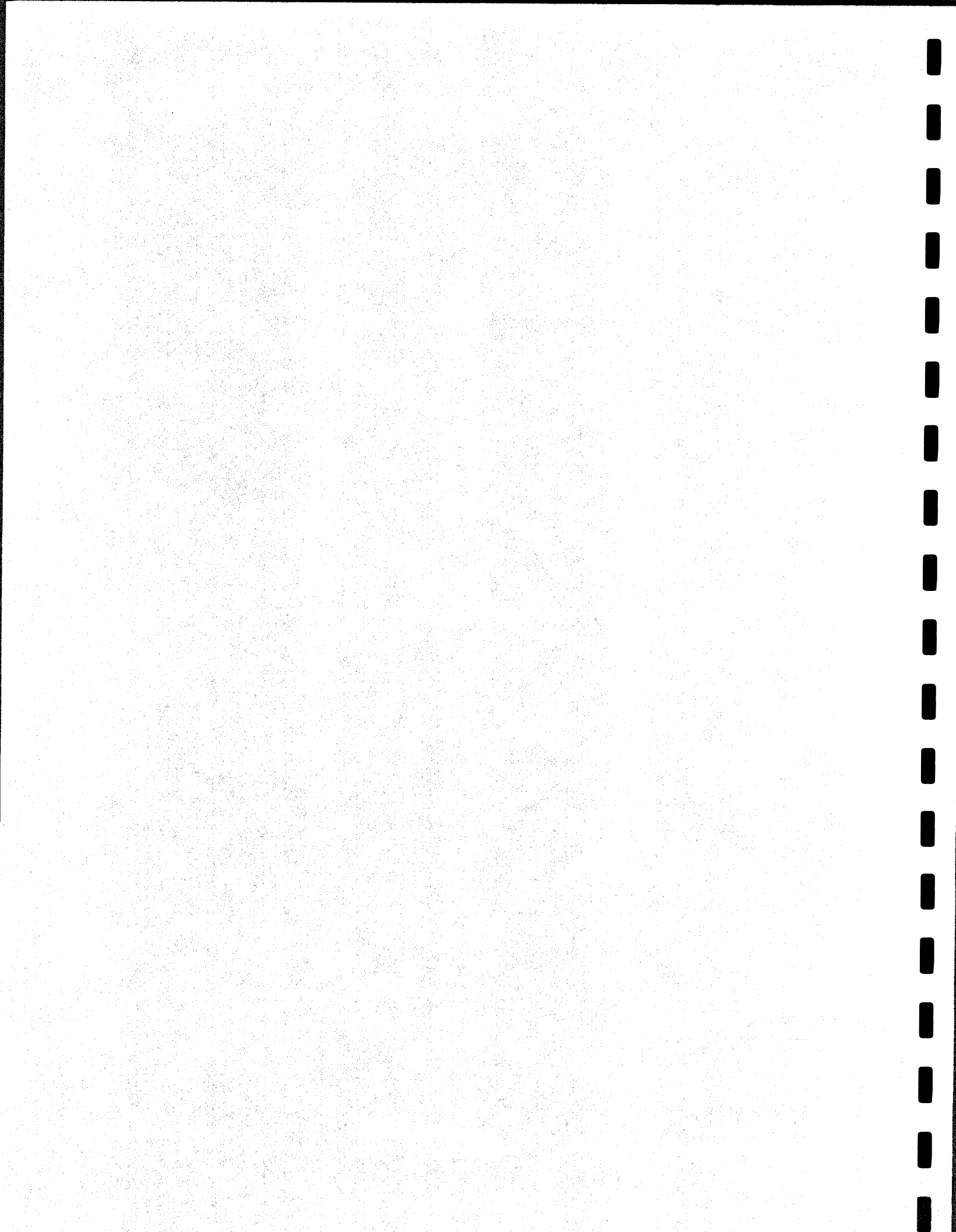
CLASS 43

**COMBINED TRANSMITTER-RECEIVER
UNITS**

**(TRANSMITTER AND RECEIVER SECTIONS
ARE NOT SEPARABLE)**

CONFIDENTIAL

NAVSHIPS 900,109



Class 43—Transmitter-receiver Units

3.43-1

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAY 43000 MF-2 TRANSMITTER-RECEIVER UNIT 50-WATT - 545 -995 KILOCYCLES. CLASS 10 & 6R - MO-CF1/CM.			CGQ 43005-B CHANGES. (CANCELLED) 43005-D USED INSTEAD			CRM 43008 TC0 RADIO TELEPHONE TRANSMITTER- RECEIVER; OPERATES ON ANY ONE OF SIX FREQUENCIES: 2204, 2550, 2670, 2716, 2902 KC BY MEANS OF SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO WAY OPERATION WITH HAND SET. TRANSMITTER DELIVERS 25 TO 30 WATTS INTO ANTENNA. 12/14/40 ET-8021 NOV. 41		
8/19/32 NOV. 41								
CAY 43001 MB-3 TRANSMITTER-RECEIVER UNIT. 30-WATT - 545-995 KILOCYCLES. CLASS 10 & 6R - MO-CF1/CM.			CGQ 43005-D TBX-4A, TBX-5 TRANSMITTER-RECEIVER UNIT TRANSMITTER; FREQ RANGE: 2000 KC TO 5800 KC. OUTPUT 9 WATTS A1 & 3 WATTS A3. RE- CEIVER; FREQ. RANGE: 2000 TO 8000 KC. SAME AS TYPE -43005-A EXCEPT FOR CIRCUIT MODIFICATIONS TO ELIMINATE REGENERATORS & BACKLASH, ALSO INTERNAL MECHANICAL 12/22/43 MAR. 44			CRM 43009 TCP TRANSMITTER RECEIVER UNIT. (75 WATTS A3) FREQ. RANGE 2000 TO 3000 KC. OPERATES ON ANY ONE OF 10 PRE- SELECTED FREQUENCIES BY MEANS OF SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO WAY OR "AUTOMATIC" OPERATION WITH HANDSET. TAKES 5 AMP 2/7/41 ET-8012-B NOV. 41		
8/19/32 NOV. 41.								
CAY 43002 TAV-2 CAY-T-113 TRANSMITTER-RECEIVER UNIT TRANS: 20 WATTS - 2,000-4, 525 KCS. - CM. REC: 300-600/2000-4525 KCS. - TUNED RADIO FREQUENCY TYPE. (78 LBS.)			CGQ 43005-D CHANGES.			(160 WATTS) FOR RECEIVER 43009 ONLY, AND 25 AMP(800 WATTS) FOR TRANS- MITTER AND RECEIVER IN OPERATION FROM 32 V DC. ROTARY CONVERTER FOR RECEIVER, MOTOR GENERATOR FOR TRANSMITTER.		
7/24/33 NOV. 41								
CG-43003 T8D TRANSMITTER-RECEIVER UNIT OVERALL DIMENSIONS WITHOUT COVER: 15-7/8" LONG X 7-7/8" HIGH X 9-5/16" DEEP; TRANSMITTER, PHONE 3 WATTS-CM-9 WATTS. 2000 TO 3500 KC-CM, PHONE; RECEIVER 2000 TO 8000 KC.			CG 43005-C TBX-6 TRANSMITTER-RECEIVER UNIT TRANSMITTER; FREQ. RANGE 2000 TO 4525KC. OUTPUT 9 WATTS A1 AND 3 WATTS A3 RE- CEIVER FREQ RANGE 2000 TO 8000 KC. SAME AS CG-43005 EXCEPT IMPROVED DESIGN IN ACCORDANCE WITH G.E. MEMO XRS-91940.			CRM 43009A TCP-1 TRANSMITTER-RECEIVER UNIT: 75 WATTS A3. FREQ RANGE 2000 TO 3000 KC. OPERATES ON ANY ONE OF 10 PRESELECTED FREQ BY MEANS OF SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO-WAY OR "AUTOMATIC" OPERATION WITH HANDSET. TAKES 5 AMPS. (160 WATTS) FOR RECEIVER ONLY, AND 7/15/42 ET-8012B OCT. 42 MOD		
12/29/36 4KH 1A1 T-7660191 REV 3 NOV. 41			11/26/43 4KHIC1 CG:T-76630083 NOV. 43 REV 0					
RA-43004 XAJ UNI. - CONTROL UNIT RECEIVER AMPLIFIER AND ELEMENTARY STAGES OF PROJECTOR DRIVER; 5 TO 40 KC.			CAY 43006 T8P TRANSMITTER-RECEIVER UNIT FREQUENCY: 28 TO 65 MC; MCM (A2) AND PHONE (A3); CRYSTAL CALIBRATOR.			CRM 43009A 25 AMPS (800 WATTS) FOR TRANSMITTER AND RECEIVER IN OPERATION FROM 32 VOLTS DC. ROTARY CONVERTER FOR RECEIVER MOTOR GENERATOR FOR TRANSMITTER. SAME AS 43009 EXCEPT FOR SHIELDED ANT. LEADS IN RE- CEIVER SECTION AND THE ANT. SERIES CAPA- CITOR HAS BEEN REMOVED.		
5/12/39 NOV. 41			11/10/39 P-7707155 SUB 0 NOV. 41					
CG-43005 TBX TRANSMITTER-RECEIVER UNIT OVERALL DIMENSIONS LESS COVER: 16-1/2" LONG X 7-13/16" HIGH X 9-9/32" DEEP. TRANSMITTER; CW (A1); 9 WATTS PHONE (A3) 3 WATTS; 2000 TO 4525 KC. RECEIVER; 2000 TO 8000 KC.			CAY 43007 TBY TRANSMITTER-RECEIVER UNIT FREQUENCY: 28 TO 80 MC; MCM (A2) & PHONE (A3); 1/2 WATT OUTPUT; INCLUDES A CRYSTAL CALIBRATOR. SIMILAR TO TYPE -43044 EXCEPT FOR NUMEROUS MINOR DIF- FERENCES.			CRM 43010 TCP TRANSMITTER RECEIVER UNIT. 75 WATTS A3. FREQ. RANGE 2000 TO 3000 KC. OPERATES ON ANYONE OF 10 PRESELECTED FREQUENCIES BY MEANS OF SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO WAY OR "AUTOMATIC" OPERATION WITH HANDSET. TAKES 1.25 AMP 2/7/41 ET-8012B NOV. 41		
8/23/39 4KH 1B1 T-7660770 REV 1 NOV. 41			6/12/40 P-7707360 SUB 0 AUG. 43					
CGQ 43005-A TBX-4 TRANSMITTER-RECEIVER UNIT: TRANSMITTER; FREQ RANGE 2000 TO 4525 KC. OUTPUT 9 WATTS A1 AND 3 WATTS A3. RE- CEIVER; FREQ RANGE: 2000 TO 8000 KC. SAME AS CG-43005 EXCEPT FOR RESISTORS AND ADDITIONAL MECHANICAL BRACING.			CFE 43007-A TBY-5 RADIO TRANSMITTER- RECEIVER; FREQ: 28 TO 80 MC (4 BANDS). EMISSION: MCM (A2) AND PHONE (A3). IN- PUT: 3.0V., 375MA; 1.5 V, 200 MA; 156 V, 30 MA; -7.5V, 20 MA. TRANSMITTER OUTPUT: 1 1/2 WATTS INCLUDES CRYSTAL CALIBRA- TION. SAME AS -43007 EXCEPT FOR MODIFIED 2/17/43 AUG. 43			(138 WATTS) FOR RECEIVER 43010 ONLY, AND 7 AMP(770 WATTS) FOR TRANS- MITTER AND RECEIVER IN OPERATION FROM 115 V DC. ROTARY CONVERTER FOR RECEIVER MOTOR GENERATOR FOR TRANSMITTER.		
4/9/43 NOV. 43								
CGQ 43005-B TBX-5 TRANSMITTER-RECEIVER UNIT TRANSMITTER; FREQ. RANGE: 2000 TO 4525KC OUTPUT: 9 WATTS A1 & 3 WATTS A3. RE- CEIVER; FREQ RANGE: 2000 TO 8000 KC. SAME AS -43005-A EXCEPT FOR CIRCUIT MODIFICATIONS TO ELIMINATE REGENERATION & BACKLASH, ALSO INTERNAL MECHANICAL 10/26/43 MAR. 44			CFE 43007-A INTERNAL CIRCUITS TO GIVE BETTER SELEC- TIVITY.			CRM 43010A TCP-1 TRANSMITTER-RECEIVER UNIT: 75 WATTS A3. FREQ RANGE 2000 TO 3000 KC. OPERATES ON ANY ONE OF 10 PRESELECTED FREQS BY MEANS OF SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO-WAY OR "AUTOMATIC" OPERATION WITH HANDSET. TAKES 1.25 AMPS (138 WATTS) FOR RECEIVER 7/15/42 ET-8012B OCT. 42 MOD		

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NAVSHIPS 900,109

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CRM43010A
 ONLY AND 7 AMPS (770 WATTS) FOR TRANSMITTER AND RECEIVER IN OPERATION FROM 115 VOLTS DC. ROTARY CONVERTER FOR RECEIVER. MOTOR GENERATOR FOR TRANSMITTER. SAME AS 43010 EXCEPT FOR SHIELDED ANT. LEADS IN RECEIVER SECTION AND THE ANTENNA SERIES CAPACITOR HAS BEEN REMOVED.

CGG43014
 ONE 1.5 V AND ONE 106.5 V INTEGRAL MICROPHONE AND EARPHONE. INTEGRAL TELESCOPIC ANTENNA. TRANSMITTER OUTPUT 15 MILLIWATTS.

CFL43018
 FREQ DURING VOICE MODULATION SHALL NOT EXCEED ±15 KC PER SEC. RESPONSE ±1.5 DB AT 300 TO 2750 CYCLES. -30 DB AT 3500 CYCLES AND ABOVE.

CRM43011 TCP
 TRANSMITTER RECEIVER UNIT 75 WATTS A3. FREQ. RANGE 2000 TO 3000 KC. OPERATES ON ANY ONE OF 10 PRE-SELECTED FREQUENCIES BY MEANS OF SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO WAY OR "AUTOMATIC" OPERATION WITH HANDSET. OPERATES FROM 2/7/41 ET-80128 NOV. 41

CRV43015 AYB
 RADIO TRANSMITTER-RECEIVER: TRANSMITTER CARRIER FREQ. 420 MC, CARRIER SWING ± 20 MC, SWEEP FREQ. 120 CYCLES POWER OUTPUT LESS THAN 1 WATT. OUTPUT TERMINAL PROVIDED FOR ATTACHMENT TO 74 OHM CONCENTRIC CABLE. RECEIVER IS FOR 3/13/42 APR. 42

CRV43019 OCP
 RECEIVER-OSCILLATOR-INDICATOR-RECORDER INPUT 115/1/60, 1.3-A, 150 WATTS. RECEIVER FREQUENCY RANGE 17 TO 27 KC. OUTPUT 600 MILLIWATTS. INDICATOR CALIBRATED 0 TO 1000 AND 0 TO 5000 YARDS. OSCILLATOR COVERS FREQUENCY RANGE OF 17 TO 27 KC. IS GANGED WITH RECEIVER 4/23/42 MI-16701 CRV:W-305636 MAR. 43 SUB 0

43011
 110 V, 60 CYCLES SINGLE PHASE (USING CRM ---- RECTIFIER.)

CRV43015
 RECEPTION OF TRANSMITTER SIGNALS, INCLUDES INPUT TERMINAL FOR ATTACHMENT TO A 74 OHM CONCENTRIC LINE. UNIT INCLUDES CONTROL FOR SETTING ALTITUDE AT 20, 40, 60, 80, 100, 125, 150, 175, 200, 230, 260, OR 300 FT. UNIT ALSO INCLUDES VIBRATOR POWER SUPPLY OPERATING FROM 14(12 TO 14.3) VOLTS DC AT 5 AMP MAX.

43019
 TUNING CONTROL AND INCLUDES AN INTEGRAL INTERMEDIATE AMPLIFIER CAPABLE OF DELIVERING 12 WATTS TO THE DRIVER. INCLUDES ELECTRONIC SWEEP MODULATOR TO SWEEP THE FREQUENCY FROM MINUS 400 TO PLUS 600 CYCLES. RECORDER OPERATIONALLY THE SAME AS -55063.

CHI43012 TCO
 TRANSMITTER-RECEIVER UNIT TRANSMITTER NON-CRYSTAL FOR OPERATION ON FOUR PRESELECTED FREQUENCIES WITHIN 2000 TO 9050 KCS. OUTPUT 30 WATTS; A1, A2, A3; RECEIVER: OPERATES CRYSTAL CONTROL ON FOUR PRESELECTED FREQUENCIES BETWEEN 2500 TO 3000 KCS OR NON-CRYSTAL 2/27/41 R-2008 REV 0 DEC. 41

CRV43016 AYB-A
 RADIO TRANSMITTER-RECEIVER: TRANSMITTER CARRIER FREQ. 420 MC, CARRIER SWING ± 20 MC, SWEEP FREQ. 120 CYCLES. POWER OUTPUT LESS THAN 1 WATT, OUTPUT TERMINAL PROVIDES FOR ATTACHMENT TO 74 OHM CONCENTRIC CABLE. RECEIVER IS FOR RECEPTION OF 3/13/42 APR. 42

CRV43020 AYD
 RADIO TRANSMITTER RECEIVER: TRANSMITTER; CARRIER FREQ 420 MC; CARRIER SWING ± 20 MC; SWEEP FREQ 120 CPS; POWER OUTPUT LESS THAN 1 WATT; OUTPUT TERMINAL PROVIDES FOR ATTACHMENT TO 74 OHMS CONCENTRIC CABLE. RECEIVER IS FOR RECEPTION OF TRANSMITTER SIGNALS, 6/17/42 MAR. 43

43012
 BETWEEN 2000 TO 9050 KCS. EQUIPMENT SUPPLY 24 VOLTS DC.

CRV43016
 TRANSMITTER SIGNALS, INCLUDES CRV43016 INPUT TERMINAL FOR ATTACHMENT TO A 74 OHM CONCENTRIC LINE. UNIT INCLUDES CONTROL FOR SETTING ALTITUDE AT 20, 40, 60, 80, 100, 125, 150, 175, 200, 230, 260, OR 300 FT. UNIT ALSO INCLUDES VIBRATOR POWER SUPPLY OPERATING FROM 14(12 TO 14.3) V DC AT 2.5 AMP MAX. SAME AS TYPE -43015 EXCEPT INCLUDES ANTICIPATOR CIRCUIT.

CRV43020
 INCLUDES INPUT TERMINAL FOR CRV43020 ATTACHMENT TO A 74 OHMS CONCENTRIC LINE. UNIT INCLUDES VIBRATOR POWER SUPPLY OPERATING FROM 14 (12 TO 14.3) V DC AT 5 AMPS MAX. INCLUDES ANTICIPATOR CIRCUIT. SAME AS -43016 EXCEPT ALTITUDE LIMIT INDICATOR SWITCH HAS BEEN REMOVED AND MADE A SEPARATE UNIT; ALSO HAS TWO ADD'L CONNECTORS FOR ALTITUDE INDICATOR AND AUTO PILOT.

CRV43013 WEA-1
 RECEIVER - INDICATOR - OSCILLATOR; INPUT 115/1/60, 150 WATTS. RECEIVER FREQUENCY RANGE 17 TO 27 KC. OUTPUT 600 MILLIWATTS. INDICATOR CALIBRATED 0 TO 1000 & 0 TO 3000 YARDS. OSCILLATOR COVERS FREQUENCY RANGE OF 17 TO 27 KC. IS GANGED WITH RECEIVER 2/12/42 MI-8991 W-503258-2 APR. 42 SUB 0

CRY43017 AYB-1
 RADIO TRANSMITTER-RECEIVER: TRANSMITTER, CARRIER FREQ. 420 MC, CARRIER SWING ± 20 MC, SWEEP FREQ. 120 CYCLES, POWER OUTPUT LESS THAN 1 WATT, OUTPUT TERMINAL PROVIDED FOR ATTACHMENT TO 74 OHM CONCENTRIC CABLE. RECEIVER IS 3/19/42 CRV:P-255141 MAR. 43 REV 4

CRV43021 AYD-2
 RADIO TRANSMITTER RECEIVER: TRANSMITTER; CARRIER FREQ. 420 MC; CARRIER SWING ± 20 MC; SWEEP FREQ 120 CPS; POWER OUTPUT LESS THAN 1 WATT, OUTPUT TERMINAL PROVIDED FOR ATTACHMENT TO 74 OHMS CONCENTRIC CABLE. RECEIVER IS FOR RECEPTION OF TRANSMITTER 6/17/42 AUG. 42

CRV43013
 TUNING CONTROL, & INCLUDES CRV43013 AN INTEGRAL INTERMEDIATE AMPLIFIER CAPABLE OF DELIVERING 12 WATTS TO THE POWER AMPLIFIER.

CRV43017
 FOR RECEPTION OF TRANSMITTER SIGNALS, INCLUDES INPUT TERMINAL FOR ATTACHMENT TO A 74 OHM CONCENTRIC LINE. UNIT INCLUDES CONTROL FOR SETTING ALTITUDE AT 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 350, OR 400 FEET. UNIT ALSO INCLUDES DYNAMOTOR POWER SUPPLY OPERATING FROM 28(24 TO 28.6) VOLTS DC AT 2.5 AMP MAX.

CRV43021
 SIGNALS, INCLUDES INPUT TERMINAL FOR ATTACHMENT TO A 74 OHMS CONCENTRIC LINE. UNIT INCLUDES VIBRATOR POWER SUPPLY OPERATING FROM 28 (24 TO 28.6) V DC. AT 2-1/2 AMPS. MAX. INCLUDES ANTICIPATOR CIRCUIT. SAME AS -43017 EXCEPT ALTITUDE LIMIT INDICATOR SWITCH HAS BEEN REMOVED AND MADE A SEPARATE UNIT; ALSO HAS TWO ADD'L CONNECTORS FOR ALTITUDE INDICATORS AND AUTO PILOT.

CGG43014 AMA
 RADIO TRANSMITTER-RECEIVER: OPERATES ON A SINGLE CRYSTAL-CONTROLLED FREQUENCY IN THE 3 TO 6 MC BAND. SEPARATE CRYSTAL FOR TRANSMITTER & RECEIVER. TRANSMITTER FREQUENCY = RECEIVER FREQUENCY. HAS SELF CONTAINED BATTERIES, 3/9/42 BC-721-T1 APR. 42

CFL43018 MN
 RADIO TRANSMITTER-RECEIVER: FM TRANSMITTER-RECEIVER ON ONE CHASSIS. FREQ RANGE 30 TO 42 MC, CRYSTAL CONTROLLED. INCLUDES INTEGRAL RECTIFIER POWER UNIT FOR OPERATING FROM 115/1/60 .8 AMP, 90 WATTS. TRANSMITTER HAS 2 WATTS OUTPUT. DEVIATION FROM ASSIGNED 4/13/42 1410-9A OCT. 42

CRM43022 HQ
 RADIO TRANSMITTER RECEIVER: FREQ RANGE 2000 TO 3500 KC. FOUR CHANNEL CRYSTAL CONTROLLED. A3 EMISSION 5 WATTS OUTPUT INTO A 24 OHM, 200 MMF ANTENNA. POWER INPUT 6 V DC. RECEIVER STANDBY DRAIN 4 AMPS, 24 WATTS. TWO-WAY CONVERSION 16.7 AMPS, 100 WATTS. CAPABLE OF 7/6/42 CRM:ET-8022 K-97 SUB 1 MAR. 43

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Class 43—Transmitter-receiver Units

3.43-3

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CRM43022

100% MODULATION. FREQ CONTROL ± .04%. HAS FOUR POSITION STATION SELECTOR SWITCH. BUILT-IN VIBRATOR UNITS (TWO HALLORY TYPE 6A325A). CRYSTAL OPERATING FREQUENCIES 2240, 2670, 2716, AND 3000 KC.

CRM43023 MQ-1
RADIO TRANSMITTER RECEIVER:
FREQ RANGE 2000 TO 3500 KC. FOUR CHANNEL CRYSTAL CONTROLLED. A3 EMISSION. 5 WATT OUTPUT INTO A 24 OHM, 200 MMF ANTENNA. POWER INPUT 6 V DC, 18 AMPS. RECEIVER STAND-BY DRAIN 4 AMPS, 24 WATTS. TWO-WAY CONVERSATION 16.7 AMPS, 100 WATTS. CAPA-776/42 CRM:ET-8028 KS-152 SUB 0 MAR. 43

BLE OF 100% MODULATION. CRM43023
FREQ CONTROL ±.04% HAS FOUR POSITION STATION SELECTOR SWITCH. BUILT-IN VIBRATOR UNITS TWO TYPE CMA 6A325A). CRYSTAL OPERATING FREQS 2240,2670,2716, 3000 KC. SAME AS CRM-43022 EXCEPT HAS BETTER DESIGN FEATURES. IS NON-RADIATING. SIMILAR TO COAST GUARD MODEL TRC-120.

CRM43024 MQ-1
RADIO TRANSMITTER RECEIVER:
FREQ RANGE 2000 TO 3500 KC. FOUR CHANNEL CRYSTAL CONTROLLED. A3 EMISSION. 5 WATT OUTPUT INTO A 24 OHM, 200 MMF ANTENNA. POWER INPUT 12 V DC, 12 AMPS. RECEIVER STAND-BY DRAIN 2.5 AMPS, 30 WATTS. TWO-WAY CONVERSATION 10 AMPS, 120 WATTS. 776/42 CRM:ET-8028 KS-152 SUB 0 MAR. 43

CAPABLE OF 100% MODULATION CRM43024
FREQ CONTROL ±.04%. HAS FOUR POSITION STATION SELECTOR SWITCH. BUILT-IN VIBRATOR UNITS. (TWO HALLORY TYPE 12A325A) CRYSTAL OPERATING FREQUENCIES 2240, 2670 2716, 3000 KC. NON-RADIATING. SIMILAR TO CRM-43023 EXCEPT FOR 12 V OPERATION AND SIMILAR TO COAST GUARD MODEL TRC-120.

CGS 43025 MR
RADIO TRANSMITTER-RECEIVER:
FREQ RANGE 2000 TO 3000 KC. 5 CHANNEL, CRYSTAL CONTROLLED. A3 EMISSION, 15 WATTS OUTPUT. CAN BE SET UP TO OPERATE ON ANY 5 FREQUENCIES IN THE 2000 TO 3000 KC BAND. EQUIPPED WITH LOAD SHOCK MOUNTING AND DESIGNED FOR BULKHEAD MOUNTING. 7713/42 CGS:G-3E CGS:42768,42774 OCT. 42 42749, A.B.

CGS43025

OPERATES ON 12 VOLTS DC. BUILT-IN LOUD SPEAKER AND DYNAMOTOR. PRESS-TO-TALK HANDSET AND HEADPHONE JACK PROVIDED AS ACCESSORIES.

CRM43026 TCO-2
RADIOTELEPHONE TRANS-
MITTER RECEIVER: OPERATES ON ANY ONE OF SIX FREQUENCIES: 2204; 2550; 2670; 2716; 2902 KC BY MEANS OF SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO-WAY OPERATION WITH HANDSET. TRANS. DELIVERIES 25-30 WATTS INTO ANTENNA. SAME AS 7713/42 CRM:ET-8021 MOD KS-99 OCT. 42 SUB 0

CRM 43026
43008 EXCEPT IS NON-RADIATING. SIMILAR TO COAST GUARD MODEL TRC-121. INPUT: 115/1/60. 0.5A & 630 V, 0.23 A DC.

CRM-43026-A TCO-3
RADIOTELEPHONE TRANSMITTER-
RECEIVER: SAME AS NAVY TYPE -43026 EXCEPT USES HERMETICALLY SEALED TRANSFORMERS AND SOME JAN RESISTORS.

5/4/45 KS-99
JUN. 45 SUB. 0

COA 43027 MS
RADIO TRANSMITTER
RECEIVER: FREQUENCY RANGE 60 TO 80 MC. INCLUDES BUILT-IN SPEAKER. INPUT 20 WATTS. PHONE (A3).

7/21/42 COA:TR-4
MAR. 43

CHL 43028 HT
RADIO TRANSMITTER-RECEIVER:
FREQ RANGE 1500 TO 2950 KC. TRANSMITTER OUTPUT 12 WATTS, A3. CRYSTAL CONTROLLED. RECEIVER CONTINUOUSLY VARIABLE. INCLUDES BUILT-IN SPEAKER AS WELL AS A HAND TELEPHONE SET. INPUT 250 V, 70 MA DC, 350 V, 165 MA DC AND 12 VOLTS, 4 AMPS DC. 8/27/42 HT-11A MAR. 43

CCI 43029 MU
RADIO TRANSMITTER-RECEIVER:
FREQ RANGE 2.3 TO 2.8 MC. CRYSTAL CONTROLLED. TRANSMITTER 200 MW A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER SUPER HETERODYNE, AUDIO OUTPUT 600 OHMS. SAME AS -43030, -43031, -43032 EXCEPT FOR ANTENNA, AND RECEIVER OSCILLATOR COILS. 9/10/42 145-3.26 AUG. 43

CCI 43029A MU-1 CANCELLED
RADIO TRANSMITTER-RECEIVER *****
FREQ RANGE 2.3 TO 2.8 MC. CRYSTAL CONTROLLED. TRANSMITTER 200 MW, A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER SUPERHETERODYNE AUDIO OUTPUT 600 OHMS. SAME AS BASIC NUMBER EXCEPT NAVY TYPE -481036 CAPACITORS SUBSTITUTED FOR-48848 10/28/42 MAR. 43

CANCELLED CCI 43029A
AND THIS UNIT HAS TUBE HOLD-DOWN CLIPS. SAME AS -43030A, -43031A AND -43032A EXCEPT FOR ANTENNA AND RECEIVER OSCILLATOR COILS.

CANCELLED

CCI 43030 MV
RADIO TRANSMITTER-RECEIVER:
FREQ RANGE 2.7 TO 3.3 MC. CRYSTAL CONTROLLED. TRANSMITTER 200 MW A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER SUPER HETERODYNE, AUDIO OUTPUT 600 OHMS. SAME AS -43029, -43031, -43032 EXCEPT FOR ANTENNA, AND RECEIVER OSCILLATOR COILS. 9/10/42 145-3.26 AUG. 43

CCI 43030A MV-1 CANCELLED
RADIO TRANSMITTER-RECEIVER *****
FREQ RANGE 2.7 TO 3.3 MC. CRYSTAL CONTROLLED. TRANSMITTER 200 MW, A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER SUPERHETERODYNE, AUDIO OUTPUT 600 OHMS. SAME AS BASIC NUMBER EXCEPT NAVY TYPE -481036 CAPACITORS SUBSTITUTED FOR-48848 10/28/42 MAR. 43

CANCELLED CCI 43030A
AND THIS UNIT HAS TUBE HOLD-DOWN CLIPS. SAME AS -43029A, -43031A, -43032A EXCEPT FOR ANTENNA AND RECEIVER OSCILLATOR COILS.

CANCELLED

CCI 43031 MW
RADIO TRANSMITTER-RECEIVER:
FREQ RANGE 3.2 TO 3.9 MC. CRYSTAL CONTROLLED. TRANSMITTER 200 MW A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER SUPER HETERODYNE, AUDIO OUTPUT 600 OHMS. SAME AS -43029, -43030, -43032 EXCEPT FOR ANTENNA, AND RECEIVER OSCILLATOR COILS. 9/10/42 145-3.26 AUG. 43

CCI- 43031-A MW-1
RADIO TRANSMITTER-RECEIVER

CANCELLED 3/17/43

10/28/42
JAN. 45

CCI 43032 MX
RADIO TRANSMITTER-RECEIVER:
FREQ RANGE 3.8 TO 4.6 MC. CRYSTAL CONTROLLED. TRANSMITTER 200 MW A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER SUPER HETERODYNE, AUDIO OUTPUT 600 OHMS. SAME AS -43029, -43030, -43031 EXCEPT FOR ANTENNA AND RECEIVER OSCILLATOR COIL. 9/10/42 145-3.26 AUG. 43

CCI 43032A MX-1 CANCELLED
RADIO TRANSMITTER-RECEIVER *****
FREQ RANGE 3.8 TO 4.6 MC. CRYSTAL CONTROLLED. TRANSMITTER 200 MW, A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER SUPERHETERODYNE, AUDIO OUTPUT 600 OHMS. SAME AS BASIC NUMBER EXCEPT NAVY TYPE -481036 CAPACITORS SUBSTITUTED FOR-48848 10/28/42 MAR. 43

CCI 43032A
AND THIS UNIT HAS TUBE HOLD-DOWN CLIPS. SAME AS -43029A, -43030A AND -43031A EXCEPT FOR ANTENNA AND RECEIVER OSCILLATOR COILS.

CANCELLED
CANCELED

CRV 43033 NHC
RECEIVER-OSCILLATOR- INDICA-
TOR-RECORDER: INPUT 115/1/60. 1.3 AMP 150 WATT RECEIVER FREQ RANGE 17 TO 27 KC; OUTPUT 600 MILLIWATTS AT 18 KC INDICATOR CALIB. 0-100 FATHOMS & 0-2000 FATH: SELECTOR SWITCH GIVES 6 RANGES FROM 10-4000 FATH. OSCILLATOR COVERS 17 TO 27 KC. IS 10/3/42 CRV:11-16711 CRV:2A-305624-2 AUG 43 REV 1

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NAVSHIPS 900,109

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CRV43033
 GANGED WITH RECEIVER TUNING CONTROL AND INCLUDES AN INTEGRAL INTERMEDIATE AMPLIFIER CAPABLE OF DELIVERING 12 WATTS TO THE DRIVER. RECORDER OPERATIONALLY SAME AS CRV-55063.

CRV43037
 8000 YDS (ALTERNATE KEYING); ALSO PROVIDES FOR MANUAL KEYING. OSCILLATOR COVERS FREQ. RANGE OF 17 TO 27 KC, IS GANGED WITH RECEIVER TUNING CONTROL, AND INCLUDES AN INTEGRAL INTERMEDIATE AMPLIFIER CAPABLE OF DELIVERING 12 WATTS. SIMILAR TO CRV-43013 EXCEPT INCLUDES ELECTRONIC SWEEP MODULATOR AND NEW KEYING MECHANISM.

CCI 43040 MO-1
 RADIO TRANSMITTER-RECEIVER; CONSISTS OF RECEIVER, RF OSCILLATOR, AND POWER AMPLIFIER. FREQ RANGE: 3 TO 8 MC OPERATES FROM 6 V DC OR 12 V DC. RECEIVER HAS 1 STAGE OF RF, 1 CRYSTAL CONTROLLED MIXER STAGE, 1 IF STAGE A DETECTOR-AMPLIFIER WITH AVC & 1 STAGE OF AUDIO. TRANS-1/1/43 CCI:155-2C-44 CCI:155-2C-4.4 SEPT 43

CFL43034 MN-1
 FM RADIO TRANSMITTER-RECEIVER: FM TRANSMITTER-RECEIVER ON ONE CHASSIS. FREQ RANGE 30 TO 42 MC. CRYSTAL CONTROL. OPERATES FROM 6 V DC OR 115/1760 (INPUT 6 V DC, 11 A, 65 W, OR 115/1760, 0.8 A, 90 W) INCLUDES INTERNAL RECTIFIER AND VIBRATOR. TRANSMITTER HAS 2
 10/12/42 CFL:1493-3
 MAY 43

CRV43037-A QCU, QCQ-2
 RECEIVER-INDICATOR-DRIVER
 OSCILLATOR: INPUT: 115/1/60, 150 WATTS, 1.3 AMP. RECEIVER FREQUENCY RANGE 17 TO 27KC. OUTPUT 600 MILLIWATTS. INDICATOR CALIBRATED 0 TO 1000 AND 0 TO 4000 YDS. FIVE RANGES AVAILABLE: 400, 1000, 2000 (ALTERNATE KEYING) 4000, AND 8000
 8/18/43
 NOV. 43

CCI43040

MIXER SECTION CONSISTS OF 4 FREQUENCY CRYSTAL OSCILLATOR WITH SLUG TUNED PLATE TANK AND POWER AMPLIFIER STAGE

CFL43034
 WATTS OUTPUT. DEVIATION FROM ASS. FREQ. DURING VOICE MODULATION SHALL NOT EXCEED ±15 KC PER SEC. RESPONSE: ± 1.5DB AT 300 TO 2750 CYC. -30DB AT 3500 CYC AND ABOVE.

CRV43037-A
 (ALTERNATE KEYING) YARDS; ALSO PROVIDES FOR MANUAL KEYING. OSCILLATOR COVERS FREQUENCY RANGE OF 17 TO 27KC, IS GANGED WITH RECEIVER TUNING CONTROL AND INCLUDES AN INTEGRAL INTERMEDIATE AMPLIFIER CAPABLE OF DELIVERING 12 WATTS. SAME AS CRV-43037 EXCEPT INCLUDES A BEST FREQ. OSCILLATOR AND AN AUDIO AND SWITCH.

CW-43041 QBF
 RECEIVER AND DRIVER
 OSCILLATOR:

CW:D-163458
 MAY 43

CW:ESX-641267
 ISSE 1

COL 43035 TCH-1
 RADIO TRANSMITTER RECEIVER:
 FREQ RANGE: 2 TO 16 MC CONTINUOUSLY VARIABLE IN 3 RANGES (2 TO 4, 4 TO 8, 8 TO 16 MC). INPUT: 12/400 V DC, 1/120 MA. MASTER OSCILLATOR CALIBRATION BUT HAS PROVISIONS FOR 2 QUARTZ CRYSTALS TO PROVIDE FOR CRYSTAL CALIBRATION BETWEEN 10/15/42 COL:188-5
 MAY 43

CRV43037-B QCU
 RECEIVER-INDICATOR-DRIVER
 OSCILLATOR: INPUT: 115/1/60, 150 WATTS, 1.3 AMPS RECEIVER FREQ. RANGE 17 TO 27KC. OUTPUT 600 MILLIWATTS. INDICATOR CALIBRATED 0 TO 1000 AND 0 TO 4000 YARDS. FIVE RANGES AVAILABLE: 400, 1000, 2000 (ALTERNATE KEYING) 4000 AND
 2/12/44 W-307012-2
 MAR. 44

CRV43042 *SEE BELOW
 RECEIVER-INDICATOR-DRIVER
 OSCILLATOR: SAME AS TYPE -43037 EXCEPT PROVISION IS ADDED FOR THE SWEEP MODULATOR TO OPERATE AT FOUR FREQ (21, 23, 25, 27) KC INSTEAD OF ONE 25 KC.

*QCQ, QCX, QCY, QCZ
 1/20/43 CRV:M1-8991-4 CRV:M-305636-9
 MAY 43 SUB 5

COL43035
 2 TO 8 MC. TRANSMITTER: OUTPUT 15 WATTS ON A1 FROM 2 TO 8 MC, 12 WATTS ON A. FROM 8 TO 16 MC, 5 WATTS ON ALL FREQ. FOR A3 OPERATION. RECEIVER: SUPERMETER-ODYNE. OUTPUT IMPEDANCE 500 OHMS.

CRV43037-B
 8000 (ALTERNATE KEYING) YARDS. SAME AS -43037-A EXCEPT LIGHT LANE INDICATOR IS USED INSTEAD OF BELT INDICATOR AND FLAT & SHARP AUDIO FEATURES HAVE BEEN ADDED.

CFF 43043 QBC
 DRIVER-RECEIVER:
 DRIVER: 22 TO 26 KC; RECEIVER: 22 TO 26 KC AND 1500 TO 7500 CYC. OPERATES FROM TYPE CFF-19041 BATTERY BOX, MOUNTED IN TYPE-10178 CARRYING CASE.

1/30/43 270 D-21
 AUG. 44

CW-43036 AMB
 UHF AIRCRAFT RADIO TRANSMITTER-RECEIVER; TRANSMITTER-RECEIVER, BUILT IN DYNAMOTOR. FREQ RANGE 140 TO 144 MC. INPUT 12/24V DC. CRYSTAL CONTROLLED IN THE BAND. OUTPUT 5 TO 10W A3 FOR ANY 3 FREQ ASSIGNMENTS, IF THESE ARE AT THE HIGH END OF THE 140 TO 144 MC
 10/16/42 CW:WE-233A SPlC. 509-A
 4/11/41 ISSUE 4

CRV 43038
 CANCELLED

12/9/42
 AUG. 43

CRI 43044 TBY-4
 TRANSMITTER-RECEIVER UNIT:
 FREQ: 28 TO 80 MC. MCW (A2) AND PHONE (A3), 1/2 WATT OUTPUT. INCLUDES A CRYSTAL CALIBRATOR. SIMILAR TO TYPE-43007 EXCEPT FOR NUMEROUS MINOR CHANGES.

3/16/43
 MAY 43 CRI:E52055
 REV 0

CW-43036
 BAND THE OUTPUT AT 140.1 MC SHALL BE 1 W OR MORE. RECEIVER: 2 RF CHANNELS, ONE ON A SINGLE CRYSTAL CONTROLLED FREQ. AND THE OTHERS TO OPERATE ON ANY ONE OF THE 3 CRYSTAL CONTROLLED FREQ. SELECTION MADE BY ELECTRICAL REMOTE CONTROL. RECEIVERS SHALL CONTINUOUSLY MONITOR 140.1 MC CHANNEL.

COL 43039 AYD-3
 RADIO TRANSMITTER-RECEIVER:
 TRANSMITTER: CARRIER FREQ 420MC, CARRIER SWING ±20MC, SWEEP FREQ 120CPS. POWER OUTPUT LESS THAN 1 WATT. OUTPUT TERMINAL PROVIDED FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. RECEIVER IS FOR RECEPTION OF TRANSMITTER SIGNALS, INCL. INPUT
 12/9/42 CRV-K-251450- COL:P-255248
 AUG 43 506

CRI 43044-A TBY-8
 TRANSMITTER-RECEIVER UNIT
 SAME AS -43044 EXCEPT EXTERNAL ANTENNA RECEPTACLE HAS BEEN MOVED FROM SIDE TO FRONT PANEL.

3/1/44
 MAR. 44 CRI:E-52681
 ALT 0

CRV43037 QCU, QCQ-2
 RECEIVER-INDICATOR-DRIVER
 OSCILLATOR: INPUT: 115/1/60, 150 WATTS, 1.3 AMP. RECEIVER FREQ. RANGE 17 TO 27 KC. OUTPUT 600 MILLIWATTS. INDICATOR CALIBRATED 0 TO 1000 AND 0 TO 4000 YDS. FIVE RANGES AVAILABLE: 400 YDS, 1000 YDS, 2000 YDS (ALTERNATE KEYING) 4000 YDS.
 11/23/42 CRV:M1-8991-3 CMT:9216.
 AUG. 44 W-306553-2 SUB 0 2/15/44

COL43039
 TERMINAL FOR ATTACHMENT TO 50 OHM CONCENTRIC LINE. UNIT INCLUDES DYNAMOTOR POWER SUPPLY OPERATING FROM 27 (24-28.6) VDC AT 2.5 AMP APPROX. INCLUDES ANTICIPATOR CIRCUIT. SAME AS-43021 LESS SHOCK MOUNTS, EXCEPT FOR IMPEDANCE AND USE OF 5 INSTEAD OF 4 PRONGS FOR ALTITUDE INDICATOR CONNECTOR. USES BLACK AND DECKER DYNAMOTOR.

CCI 43045 MAB 145-4E-3.38
 RADIO TRANSMITTER-RECEIVER:
 FREQ. RANGE 2.3 TO 4.6 MC. CRYSTAL CONTROLLED. TRANSMITTER: 200 MH, A3 ONLY. HIGH LEVEL CLASS A MODULATION. RECEIVER: SUPERHETRODYNE, SLUG TUNED, AUDIO OUTPUT 600 OHMS.

3/17/43
 MAR. 44 CCI:145-4C-501
 REV A

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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Class 43—Transmitter-receiver Units

3.43-5

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CCI-43045-A MAB-1
 RADIO TRANSMITTER-RECEIVER
 FREQ. RANGE: 2.3 TO 4.6 MC. CRYSTAL CONTROLLED TRANSMITTER 200 MILLIWATTS A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER: SUPERHETERODYNE, SLUG TUNED. AUDIO OUTPUT 600 OHMS, SAME AS TYPE -43045 EXCEPT FOR IMPROVING PIERCE OSCILLATOR
 1/12/45 145-5C 145-5C-501
 FEB. 45 ISS B

CCI-43045-A
 CIRCUIT BY SUBSTITUTING A RESISTOR FOR A COIL AND TAKING OUT A CAPACITOR. ELECTRICALLY AND MECHANICALLY INTERCHANGEABLE WITH -43045.

CRM43046 MQ-2
 RADIO TRANSMITTER-RECEIVER UNIT: INPUT: 115/1/50-60, 1.4 AMP .95PF; OR 6 V DC, 30 AMP. FREQ RANGE 2.0 TO 3.5MC IN 4 CRYSTAL CONTROLLED CHANNELS. NOMINAL OUTPUT: 5 WATTS UNIT SELF CONTAINED WITH BUILT-IN LOUD SPEAKER & TELEPHONE RECEIVER IN HANDSET WITH
 5/7/43 CRM:KS-205
 SEPT 43 REV 0

CRM43046
 PRESS-TO-TALK PUSH BUTTON FOR RECEIVE-SEND TRANSITION (TYPE-51032)

CW-43047 QJA
 RECEIVER AND DRIVER
 OSCILLATOR: CONSISTS OF A SUPERHETERODYNE RECEIVER, OSCILLATOR, AND MODULATOR UNIT. GAIN MAY BE MANUALLY CONTROLLED OVER A RANGE OF 80DB. BEAT NOTE CONTROL PROVIDED FOR A VARIATION OF FROM 0 TO 1600 CY. INCLUDES RECEIVER POWER PACK
 6/16/43 CW:0-166474 ESX-652679
 AUG. 44 ISS. 3

CW-43047
 WHICH OPERATES FROM 110/1/60. SIMILAR TO TYPE -43041 EXCEPT FOR MINOR MODIFICATION TO ALLOW RELOCATION OF HANDWHEEL.

CFT43048 MN-4
 RF RADIO TRANSMITTER-RECEIVER: FREQ RANGE: 30 TO 42MC WITH ±15% MODULATION. INPUT: 12 V, 6.0 AMPS DC. OUTPUT: 0 TO 2 WATTS CONTINUOUS. RECEIVER: OUTPUT IS 1 WATT MAX; SENSITIVITY IS 1/2MV OR BETTER; OUTPUT IMPEDANCE IS 500 OHMS. TRANSMITTER IS
 6/28/43 1564 1564-3
 NOV. 43

CFT43048
 CRYSTAL CONTROLLED WITH PHASE SHIFT TYPE MODULATION AND HAS AN OUTPUT IMPEDANCE OF 50 TO 100 OHMS INTO CONCENTRIC TRANSMISSION LINE.

CCI 43049 MAK
 RADIO TRANSMITTER-RECEIVER
 CONSISTS OF A SUPERHETERODYNE RECEIVER, RF OSCILLATOR AND POWER AMPLIFIER. FREQ. RANGE 2 TO 3 MC. OPERATES FROM 6V DC OR 12V DC. RECEIVER HAS ONE STAGE OF RF. ONE CRYSTAL CONTROLLED MIXER STAGE, ONE IF STAGE, A DETECTOR AMPLIFIER WITH AVC
 8/16/43 CCI:155-2C-4-4
 NOV. 43

CCI-43049
 AND ONE STAGE OF AUDIO. TRANSMITTER SECTION CONSISTS OF 4 FREQUENCY CRYSTAL CONTROLLED OSCILLATOR WITH SLUG TUNED PLATE TANK AND POWER AMPLIFIER STAGE. OUTPUT 25W A2, A3. SAME AS -43040 EXCEPT FOR FREQUENCY RANGE.

CRV-43050 MAF
 RADIO TRANSMITTER-RECEIVER
 OPERATING FREQUENCY IS BETWEEN 2200 AND 2400MC ADJUSTABLE PLUS AND MINUS 15MC, AT 200 MILLIWATTS ON PHONE (A3). THE OPERATING FREQUENCY OF THE RECEIVER IS THE SAME AS THE TRANSMITTER PLUS AND MINUS 4MC, MANUALLY CONTROLLABLE. SIGNAL
 9/16/43 MI-17146
 AUG. 44

CRV-43050
 TO-NOISE RATIO IS 30 DB ABOVE THERMAL AT 50 MICROVOLTS INPUT. OPERATES FROM CRV-20249 RECTIFIER POWER UNIT. INCLUDES A 20 INCH PARABOLIC REFLECTOR FOR NAVY TYPE CRV-66098

CRV43051 MAG
 RADIO TRANSMITTER-RECEIVER
 OPERATING FREQUENCY IS BETWEEN 2200 AND 2400MC ADJUSTABLE PLUS AND MINUS 15MC, AT 200 MILLIWATTS ON PHONE (A3). THE OPERATING FREQUENCY OF THE RECEIVER IS THE SAME AS THE TRANSMITTER PLUS AND MINUS 4MC, MANUALLY CONTROLLABLE. SIGNAL
 9/16/43 MI-17150
 AUG. 44

CRV-43051
 TO-NOISE RATIO IS 30DB ABOVE THERMAL AT 50 MICROVOLTS INPUT. OPERATES FROM CRV-20250 VIBRATOR POWER UNIT. MOUNTED IN A SUBERSION-PROOF CONTAINER.

CFL-43052 MAC
 FM RADIO TRANSMITTER
 RECEIVER: FREQ RANGE: 30 TO 42KC WITH MAXIMUM MODULATION OF ±15KC FOR ANY GIVEN CARRIER FREQUENCY. INPUT: 115/1/50 TO 60, 90 WATTS. HAS INTERNAL AC RECTIFIER AND FILTER. OUTPUT: 2 WATTS MAF. RECEIVER SENSITIVITY IS 1/2 MICRO-
 9/18/43 1542 CFL:1542-4
 NOV. 43 PREL.

CFL-43052
 VOLT. TRANSMITTED IS CRYSTAL CONTROLLED WITH AN OUTPUT IMPEDANCE OF 30-100 OHMS INTO COAXIAL TRANSMISSION LINE. SAME AS TYPE -43018 EXCEPT FOR CHANGE IN TUBE LINEUP AND HAS VIDEO INSTEAD OF AUDIO OUTPUT.

CQA-43053 OAB
 TRANSMITTER-RECEIVER
 INPUT: 6V DC, 10 AMPS. TRANSMITTER AND RECEIVER SECTIONS HAVE FREQUENCY RANGE OF 17 TO 28KC. CONTINUOUSLY TUNABLE. POWER OUTPUT: 10 WATTS INTO A 250 OHM PER RESISTIVE LOAD.
 10/16/43 CQA:10-10139
 NOV. 43 REV 0

CCI 43055 DAY-1
 RADIO TRANSMITTER-RECEIVER
 FREQ. RANGE 2.3 TO 4.6 MC., CRYSTAL CONTROLLED. TRANSMITTER: 200 MH, A3 ONLY, HIGH LEVEL CLASS A MODULATION. RECEIVER: SUPERHETERODYNE, SLUG TUNED. AUDIO OUTPUT 600Ω. NAVY TYPE -43045 MODIFIED FOR CW RECEPTION AND TO ACCOMMODATE NAVY TYPE
 12/4/43
 FEB. 44

CCI43055
 -69091 DIRECTION FINDER ADAPTER.

CHL43056 HT-2
 RADIO TRANSMITTER-RECEIVER
 FREQ. RANGE: 1500 TO 2950 KC; TRANSMITTER OUTPUT: 12 WATTS, A3; CRYSTAL CONTROLLED. RECEIVER CONTINUOUSLY VARIABLE. INCLUDES BUILT IN SPEAKER AS WELL AS A HAND TELEPHONE SET. INPUT 250 VOLTS 70 MA DC; 350 VOLTS 165 MA DC AND 12
 1/13/44 HI-11B
 FEB. 44

CHL43056
 VOLTS 4 AMPS DC. SIMILAR TO -43028 EXCEPT FOR CHANGE IN CABLE RECEPTACLES, AND MINOR MECHANICAL CHANGES. NOT INTERCHANGEABLE WITH -43028 BECAUSE OF RECEPTACLES.

CGG43057 MAN
 FM TRANSMITTER-RECEIVER UNIT
 SUPPLY: 6 VOLTS DC. CAPABLE OF OPERATION ON ANY FREQUENCY BETWEEN 30.8 TO 38.7 MC. INCLUDES FM TRANSMITTER & RECEIVER MOUNTED IN A METAL BOX, WHICH INCLUDES ALL NECESSARY CABLES & CONTROLS FOR OPERATING FROM OUTSIDE OF CASE. LOUD-
 2/4/44
 FEB. 44

CGG43057
 SPEAKER & HEADSET. CASE HAS MOUNTING ARRANGEMENTS FOR FLAGILLIFORM ANTENNA & PROVISION FOR ATTACHMENT OF AN EXTERNAL ANTENNA.

CFF-43058 QBG-1
 DRIVER-RECEIVER
 FREQ. RANGE: 16 TO 27 KC. VARIABLE TUNING. OPERATES FROM -19041 BATTERY BOX AND MOUNTS IN -10178 CARRYING CASE SIMILAR TO -43043 EXCEPT MODIFIED FOR VARIABLE TUNING AND AF SECTION HAS BEEN REMOVED.
 3/10/44 270R D21
 MAR. 44

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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NAVSHIPS 900,109

3.43-6

Class 43—Transmitter-receiver Units

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CFL-43059 MN-5
 RADIO TRANSMITTER-RECEIVER UNIT:
 FREQUENCY RANGE 30 TO 42 MC, FM ± 15KC, ADJUSTABLE OUTPUT 0-2 WATTS, 2 CHANNEL, ANY TWO IN BAND WITHIN 500 KC OF EACH OTHER. INPUT 12V DC AT 6 AMP, OR 24V DC AT 3 AMP OR 115/150 TO 60 AT APPROX 90
 4/6/44 1620-10 .1620-10
 DEC. 44

CFL-43059

WATTS. SIMILAR TO NAVY TYPE CFL-43034 EXCEPT FOR SUPPLY VOLTAGES AND PHYSICAL SIZE.

CCI-43063 DAV-2
 RADIO TRANSMITTER-RECEIVER:
 FREQUENCY RANGE: 2.3 TO 4.5 MC. CRYSTAL CONTROLLED. TRANSMITTER: 0.2 WATTS A3 EMISSION ONLY, HIGH LEVEL CLASS "A" MODULATION. RECEIVER: SUPERHETERODYNE, SLUG TUNED AUDIO OUTPUT IMPEDANCE 600 OHMS. ANTENNA IMPEDANCE 500 OHMS. INPUT: +1.5
 5/24/44 164-CX 164-C-504
 AUG. 44 REV 0

CCI-43063

V DC, +67V DC, +135V DC, AND 6V DC. SIMILAR TO -43055 EXCEPT FOR LOOP PLUG-IN ARRANGEMENT.

CRV-43067 MAR
 TRANSMITTER-RECEIVER:
 FREQUENCY RANGE 225 TO 390 MC, 8 WATTS, A2, A3, 10 CHANNEL CRYSTAL CONTROL, ELEVENTH POSITION FOR REMOTE CONTROL AND CHANNEL SHIFT. HAS PROVISION FOR ONE MICROPHONE. ALSO ANTENNA TERMINATES IN THIS UNIT. SUBMERGENCE PROOF CASE AND
 2/20/45 CRV:M-439159
 FEB. 45 REV. 1

CRV-43067

HAS CARRYING HANDLES ON SIDE.

CGQ-43060 TBX-8
 TRANSMITTER-RECEIVER UNIT:
 FREQUENCY RANGE: TRANSMITTER 2 TO 5.8 MC, RECEIVER 2.0 TO 8.0 MC. POWER OUTPUT 10 WATTS A1 AND 3 WATTS A3. SUPPLY: BATTERIES AND -21263-B DC GENERATOR. MECHANICALLY THE SAME SIZE AS -43005-D BUT HAS BEEN COMPLETELY REMORKED INTERNALLY.
 4/27/44
 JULY 44

CKV-43064 MAE-1
 RADIO TRANSMITTER-RECEIVER:
 FREQ. RANGE 300 TO 310 MEGACYCLES, RESONANT CAVITY TUNING. POWER SUPPLY -19055 BATTERY (6 VOLTS) AND INTERNAL VIBRATOR POWER SUPPLY (-20306). TRANSMITTER: A3 EMISSION REQUIRING 6V 1.95 AMPS DC INPUT. OUTPUT 0.5 WATTS IN TO 50
 5/26/44 Z-50135-1 L-21411
 AUG. 44 REV 0

CW-43068 ODA
 TRANSMITTER-RECEIVER ASSEMBLY CONSISTS OF 1 CW-10534 TRANSMITTER-RECEIVER CABINET, 1 CW-35096 OSCILLATOR UNIT, 1 CW-46278 RECEIVER UNIT AND 1 CW-50256 DRIVER AMPLIFIER UNIT.
 4/30/45 D-171065
 MAY 45

CG-43060-A TBX-7
 TRANSMITTER-RECEIVER UNIT
 FREQUENCY RANGE: TRANSMITTER 2 TO 5.8 MC, RECEIVER 2.0 TO 8.0 MC. POWER OUTPUT 10 WATTS A1 AND 3 WATTS A3. SUPPLY: BATTERIES AND -21263-B DC GENERATOR. SAME AS -43060 EXCEPT FOR TYPE OF METER MULTIPLIER RESISTORS.
 9/14/44 4KH101
 NOV. 44

CKV-43064
 OHM LINE. RECEIVER REQUIRES 6V 1.0 AMP DC. RECEIVER EMPLOYS SELF QUENCHING REGENERATIVE CIRCUIT. TYPE NO. INCLUDES TYPE -51072 HANDSET.

CHW-43069 MAW
 RADIO TRANSMITTER-RECEIVER:
 FREQ. RANGE 115 TO 156 MC, 10 CRYSTAL CONTROLLED QUICK SHIFT TRANSMITTER AND RECEIVER CHANNELS. INTERNAL VIBRATOR POWER SUPPLY WHICH OPERATES FROM 4 VOLTS OF INTERNAL STORAGE BATTERY. OUTPUT 1/2 WATT OF A2 OR A3 EMISSION MOUNTS ON
 5/24/45
 JUN. 45

CRM-43061 TCP-3
 RADIO TRANSMITTER-RECEIVER:
 FREQ. RANGE 2000 TO 3000 KC. 75 WATTS, A3. OPERATES ON ANY ONE OF TEN PER-SELECTED FREQ. BY MEANS OF A REFLECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO WAY OR "AUTOMATIC" OPERATION WITH HANDSET. CONSUMES APPROX. 138 WATTS FOR
 5/5/44
 AUG. 44

COL-43065 MBF RE 9638D
 RADIO TRANS. RECEIVER: ADDENDUM 1
 FREQ. RANGE 60 TO 80 MC, CRYSTAL CONTROLLED TRANS. AND RECEIVER. INPUT: 115V DC, OR 115V AC, 50 TO 60 CYCLES. OUTPUT 3.5 WATTS, A-3 EMISSION. TEMPERATURE LIMITS -15°C TO +60°C; MAXIMUM HUMIDITY CONDITION 35% TO 95% MAY BE MOUNTED ON
 11/10/44 12W-1 L-21411
 JAN. 45

CHW-43069
 PACK BOARD.

CRH-43061
 RECEIVER OPERATION ONLY AND APPROX. 770 WATTS FOR TRANSMITTER AND RECEIVER IN OPERATION FROM 230 VOLTS DC. SAME AS NAVY TYPE -43010-A EXCEPT FOR 230 VOLTS OPERATION. HAS BUILT-IN ROTARY CONVERTER FOR RECEIVER AND MOTOR-GENERATOR SET FOR TRANSMITTER.

COL-43065
 DECK OR BULKHEAD, OR CARRIED BY HANDLE OR BACKSTRAP. CASE IS SUBMERGENCE PROOF.

CW-43070 QLA
 DRIVER-ANALYZER-OSCILLATOR ASSEMBLY: SUPPLY: 115/1/60. CONSISTS OF CABINETS, SHOCK MOUNTS, A TYPE -3510R FM OSCILLATOR UNIT, A TYPE -52363 DRIVER UNIT, A TYPE -46242 RECEIVER UNIT, A TYPE -53334 ANALYZER #1 AND A TYPE -53335 ANALYZER #2
 5/24/45 ASXX-35000
 JUN. 45 ISS. 1

CRM-43062 TCP-3
 RADIO TRANSMITTER-RECEIVER:
 FREQ. RANGE 2000 TO 3000 KC. 75 WATTS, A3. OPERATES ON ANY ONE OF TEN PRESELECTED FREQ. BY MEANS OF A SELECTOR SWITCH. BOTH UNITS CRYSTAL CONTROLLED. TWO WAY OR "AUTOMATIC" OPERATION WITH HANDSET. SIMILAR TO NAVY TYPE -43061 OR
 5/9/44
 AUG. 44

CAP1-43066 MSM
 RADIO TRANSMITTER-RECEIVER:
 FREQUENCY RANGE: 4-14 MC IN TWO BANDS (4-7.5, 7.5-14). POWER OUTPUT ON A2 IS 15-20 WATTS BETWEEN 4-7.5 MC AND 6.5-12 WATTS BETWEEN 7.5-14 MC. RECEIVER CONTROLLED IS 500 MW INTO 600Ω PHONE. CONTINUOUS TUNING EMPLOYED FOR RECEPTION AND FIXED
 1/20/45 MSM UNIT 1
 FEB. 45

CRM-43062
 43010-A EXCEPT FOR 115/150 TO 60 OPERATION AND BUILT-IN POWER SUPPLY FOR TRANSMITTER IS A RECTIFIER POWER UNIT AND THE RECEIVER ROTARY CONVERTER IS ELIMINATED ALTOGETHER.

CAP1-43066
 FREQUENCY CRYSTAL TUNING IS USED FOR TRANSMISSION. JACK ON PANEL IS PROVIDED FOR PLUGGING IN REMOTE TELEGRAPH KEY. RECEPTION IS A2 & A3.

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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