Class 35—Oscillators

CLASS 35 OSCILLATORS (COMPLETE UNITS (AUDIO OR RF)

CONFIDENTIAL

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DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	NAVY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CRY 35000 UA-1 OSCILLATOR - KEYER AMPLIFIER OSCILLATOR KEYER PANEL ASSEMBLY.	RM-35005-A GEN. USE TONE KEYER; AUDIO TONE OUTPUT IS ADJUSTABLE IN FRE- QUENCY. POWER LEYEL OF OUTPUT TONE IS VARIABLE FROM ZERO UP TO & 16 db or 240	CW 35011 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY. 595 CPS. DEVELOPS. VOLTS. LOW INTERNAL IMPEDANCE. (PART
	MILLIWATIS. THE DC REBROADCAST OUTPUT MAY BE EITHER NEUTRAL OR BIPOLAR, IF N	OF ITEM CSI).
10/8/37 MX-241726 REV 2 NOV. 41	NEUTRAL OUTPUT VOLTAGE IS NEGATIVE WITH 3/28/45 RM50F195C APR. 45 ALT C	4/8/42 CW:X63602A CM:ES-712757 NAR. 43 LIST 2 FIG I
CRY 35001 UD OSCILLATOR LOCAL OSCILLATOR, ATTENUATOR AND RELAY PANEL.	RESPECT TO GROUND FOR RM- 35005-A HARKING SIGNAL. IF BI-POLAR OUTPUT VOLT- AGE MAY EITHER BE POSITIVE OR NEGATIVE HITH RESPECT TO GROUND FOR MARKING SIG- NAL DC REBROADCAST OUTPUT IS SUITABLE	CW 35012 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 765 CPS. DEVELOPS .7 VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEN CSI., CS4).
10/8/37 MX-241727 REV 3	FOR REMOTE CONTROL TRANSMITTER OR ÓPERA- TION OF BOEHME RECORDER OR SIMILAR DE- VICE. TOHE OUTPUT OPERATES BUILT-IN SPEAKER. IMPROYED MODEL OF TYPE -35005.	4/8/42 CW:X63602A CW:ES-712757
NOV. 41	MOUNTS ON 19-INCH RELAY RACK PANEL.	BAR. 43 LIST 3 FIG 1
CRY 35002 RAE-2 TONE OSCILLATOR - KEYER UNIT. 1000 TO 2500 CYCLES.	CRY 35006 OT OSCILLATOR UNIT: FREQUENCY RANGE 100 MC TO 225 MC. NONI- NAL OUIPUT IS 10 MATTS OF RF POMER. INPUT 1000/750 VOLTS DC. MAX. CURRENT 0.2 AMP, 7.5 V AC 8 AMP.	CM 35013 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 935 CPS. DEVELOPS -: VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSI).
(46018)	1/27/42 CRY:H-421679	
7/22/38 W-300117-502 NOV. 41	APR. 42 SUB 1	4/8/42 CW:X63602A CW:ES-712757 HAR. 43 LIST 4 FIG I
RM-35003  RM 46F 266  TONE KEYER AND REBROADCAST REV O  UNIT. AUDIO OUTPUT LEVEL, VARIABLE FROM  ZERO TO GREATER THAN + 6 db (24 MILLI-  MATTS); SUITABLE FOR USE AS A TONE CHAN-  MEL OR LINE AMPLIFIER IN ADDITION TO  BUILT IN MONITOR LOUDSPEAKER. THE	CRY 35007 RBP TONE KEYER UNIT: INPUT IMPEDANCE 10,000 OHMS, OUTPUT IMPEDANCE 600 OHMS. MINIMUM IMPUT VOLT- AGE 1.5 V RMS. MAXIMUM OUTPUT POWER 6 MILLIWATTS WITH ATTENUATOR IN, 6 0B ABOYE 6 MILLIWATTS WITH ATTENUATOR OUT.	CM 35014 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 1105 CPS. DEVELOPS VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CS1, CS4).
REBROADCAST OUTPUT IS ADJUSTABLE AS TO 1/14/41 NOV. 41	MAXIMUM KEYING SPFFD IS 1000 DOTS PER 3/16/42 CRY:MI-7562-B CRY:P-720995 AUG. 42 SUB 0	4/8/42 CM:X63602A CM:ES-712757 HAR. 43 LIST 5 FIG 1
VOLTAGE AND WILL GIVE NEGA- 35003 TIVE UNIPOLAR "MARK" IMPULSES OR POLAR IMPULSES WITH THE "MARK" PULSES NEGATIVE.	SECOND FOR THIS UNIT BUT CRV35007 PREVIOUS RECEIVERS LIMIT MAXIMUM SPEED OF WHOLE EQUIPMENT TO 500 DOTS PER SECOND. INTEGRAL OSCILLATOR HAS FREQUENCY RANGE OF 400 TO 5000 CYCLES PER SECOND. AN EXTERNAL OSCILLATOR WITH A MAXIMUM OF 0.7 VOLTS RMS UP TO 7500	CM 35015 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 1275 CPS. DEVELOPS VOLTS, LON INTERNAL IMPEDANCE. (PART BF ITEM CS1).
	CYCLES MAY BE USED.	4/8/42 CH:X63602A CM:ES-712757 HAR. 43 LIST 6 FIG I
RH-35004 GENERAL USE  CODE PRACTICE SET FREOUELCY RANGE: 100 TO 1000 CYCLES; CONSISTS OF A RACK MOUNTED OSCILLATOR -AMPLIFIER, A 40 STATION DISTRIBUTION UNIT AND PROVIDES SPACE FOR SPARES AND ACCESSORIES.	RJ- 35008 OW OSCILLATOR AMPLIFIER: FREQUENCY RANGE 100 TO 1000 CYCLES. IM- CLUDES AN INTERNAL RECTIFIER FOR OPERA- TION FROM 110/1/60. SAME AS THE OSCIL- LATOR PORTION OF RH-35004.	CH 35016 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 1445 CPS. DEVELOPS VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSI).
2/24/41 43582 APR. 42	3/27/42 MARINES 435B2 APR, 42 12/27/40	4/8/42 CH:X63602A CW:ES-712757 NAR. 43 LIST 7 FIG 1
RM- 35005 GENERAL USE RM 30F 192B TONE KEYER AND RE3ROADCAST UNIT. AUDIO OUTPUT LEVEL VARIABLE FROM ZERO TO GREATER THAN + 608 (24 MILLIWATTS) SUITABLE FOR USE AS A TONE CHANNEL OR LINE AMPLIFIER IN ADDIT-	RW-35009 OW-I RW 35F 101 A OSCILLATOR AMPLIFIER: FREQUENCY RANGE 100 TO 1000 CYCLES. IM- CLUDES AM INTERNAL RECTIFIER FOR OPERA- TION FROM 110/1/60.	CW 35017 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 1615 CPS. DEVELOPS VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSI).
ION TO BUILT-IN MONITOR LOUDSPEAKER. THE RESROADCAST OUTPUT IS ADJUSTABLE AS 3/13/41 NOV. 41	3/27/42 APR- 42	4/8/42 CW:X63602A CW:ES-712757 HAR. 43 LIST 8 FIG 1
TO VOLTAGE AND WILL CIVE 35005 NEGATIVE UNIDERS "MARK" IMPULSES OR POLAR INPULSES WITH THE "MARK" PULSES EITHER NEGATIVE OR POSITIVE. MOUNTS ON 19" RELAY RACK, BETTER COMPONENT PARTS, CHANGES IN WIRING; OTHERWISE SIMILAR TO -35003.	CW 35010 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 425 CPS. DEVELOPS .7 VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSI,CS3,CS4).	CW 35018 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 1785 CPS. DEVELOPS VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CS1).
ASSIGNED	4/8/42 CH:X-63602A CW:ES-712757 HAR. 43 LIST 1 FIG 1 ASSIGNED	4/8/42 CW:X63602A CW:ES-712757 NAR. 43 LIST 9 F+G 1
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CM 35019 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 1955 CPS. DEVELOPS .7 VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSI).	CM 35026 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 4675 CPS. DEVELOPS .7 VOLTS. LOW INTERNAL IMPEDANCE. (PART OF ITEM CSZA, CSZZZ).	CBM 35030 INPUT: 5.6 VAC AT 1.0 AMPS AND 270VDC AT 0.0015 AMPS. FREQ RANGE: 800 TO 1100 CY. SIMILAR TO TYPE -35027.
4/8/42 CW:X63602A CW:ES-712757 MAR- 43 LIST 10 FIG 1	4/9/42 CM:X63602A JUNE 42 LIST 24	
CM: 35020 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 2125 CPS. DEVELOPS .7 VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSI).  4/8/42 CM:X63602A CM:ES-712757 NAR. 43 LIST 11 Fig 1	CBM 35027 QFB ECHO OSCILLATOR: INCLUDES CIRCUITS FOR PROJECTOR TRAINING CONTROL, RESOLVING CIRCUIT FOR COMBINED EFFECT OF SHIP'S NEAD AND SHIP'S SPEED DN MAGNITUDE OF DOPPLER MODULATION, AND MODULATOR CIRCUIT CINTROLLED FROM SWITCH ON TYPE CBM-55085 INDICATOR PANEL. 6/21/42 CBM:903 OCT. 42	CN-35031 NXss-20953* FREQUENCY SHIFT KEYER UNIT: FREQ SHIFT KEYER. ENABLES TRANS- MITTING TELEGRAPH SIGNALS ON TWO RADIO FREQUENCIES (ONE FOR "MARK" AND ONE FOR "SPACE") INSTEAD OF THE STANDARD CW TRANSMISSION. MARK & SPACE FREQUENCIES *(AN/FGC-IA) 4/1/45 CM:X-61790C1 CM:X-61790C1 AUG. 44 LIST 1 B-405451 ISS. 2
CW 35021 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 2295 CPS. DEVELOPS .7 VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSI).	INPUT: 5.6 V AC AT 1 AMP CBM 35027 AND 270 V DC AT 0.0015 AMP FREQ RANGE: 800 TO 1100 CYCLES.	CH-35031  ARE 850 CYCLES APART, 425 EITHER SIDE OF CARRIER WITH SAME POWER.
4/8/42 CM:X63602A CM:ES-71757 MAR. 43 LIST 12 F4G 1		
CM 35022 UHF RCC HARMONIC GENERATOR: GENERATES ODD HARMONICS OF 85 CYCLES, PRECISION TYPE. USE TO RETAIN FAVORABLE PHASE RELATIONSHIP OF THE CARRIER CHAN- NELS. CONGLOMERATE HARMONIC OUTPUT IS APPLIED TO GRID CIRCUITS OF ENCH CHAN- NEL OSCILLATOR, AND SO OSCILLATORS ARE	CR. 35028 QFD SOUND EFFECTS GENERATOR: SUPPLIES TWO 800 CY TONES TO SIMULATE THE SOUNDS OF AN ACTUAL EQUIPMENT. PRO- VIDES IN ADDITION FOR CENERATION OF ARTIFICIAL MATER NOISE, REVERBERATION EFFECT, AND DOPPLER EFFECT. SIGNAL IS	CFT 35032 YL KEYER-MODULATOR UNIT; MOUNTS IN TYPE CFT-10209. CABINET AND PROVIDES KEYING AND HODULATION FOR TYPE CFT-52314 RADIO TRANSMITTER.
4/9/42 CHIX63602D CHIES-712757 MAR. 43 LIST 1 F/G 1	KEYED EVERY 1.25 SECONDS FOR SHORT RANGE 12/9/42 CRY:M-201453 May 43 SUB. 1	5/14/43 CFT:RA-1978-14 CFT:RA-1978-14C SEPT 43
C#35022	CRV 35028 AND EVERY 6.25 SECONDS FOR LONG RANGE. INPUT: 115/1/60. 1.55 AMP. OUIPUT:10	CM-35033 CANCELLED
PONDING TO ITS OWN NOMINAL FREQUENCY. 85 CYCLE TONE IS GENERATED IN CW-35023. (PART OF ITEM CSI).	HATTS FOR BOTH SIGNALS, USED FOR DRIVING LOUD SPEAKER.	
		AUG 43
CM 35023 UHF RCC BASE FREQUENCY OSCILLATOR: FREQUENCY 85 CYCLES. (PART OF ITEM CSI)  4/9/42 CM:X63602B CM:ES-712757 MAR. 43 LIST 1 FIG 1	COQ 35029 OAH OSCILLATOR-AMPLIFIER UNIT; OPERATES FROM 90 V BAITERY OR 110 V DC OR 110/1/50. CONTAINS AC-DC POMER SUPPLY AUDIO OSCILLATOR, DRIVER STAGE AND AUDIO AMPLIFIER STAGE. FRONT PANEL CONTAINS POMER SUPPLY SELECTOR SWITCH, VOLUME CONTROL, TONE CONTROL, PILOT LIGHT, 1/5/43 NAI-502 MARINE CORPS	CZH 35034 OBB AUDIO OSCILLATOR: OPERATES FRON 6 V DC. 45 WATTS MAX. OUTPUT 1M- PEDANCE IS. 220,1500 OHMS. PORTABLE IN CARRYING CASE. IS EQUIPPED WITH SMIGHT IO UVE A STEADY TONE SIGNAL OR TONE SIGNAL INTERRUPTED THICE 6722743 MAR. 44 REV O
CW 35024 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREDUE-VCY 2975 CPS. DEVELOPS .7 VOLTS. LOW INTERNAL IMPEDANCE. (PART	AUG 43 30486  COQ 3 5029  RECEIVER-INPUT JACK, INSTRUCTOR'S PHONE A'DD KEY JACKS, AND DISTRIBUTION PANEL WITH 6 PAIRS OF JACKS.	PER SECONO.
OF ITEH CS2A, CS28),		
4/9/42 CH:X63602A JUNE 42 LIST 22		
CW 35025 UHF RCC CHANNEL OSCILLATOR: CHANNEL FREQUENCY 3525 CPS. DEVELOPS .7 VOLTS, LOW INTERNAL IMPEDANCE. (PART OF ITEM CSZA, CSZZ).	CBM 35030 QFB-1 ECHO OSCILLATOR: INCLUDES CIRCUITS FOR PROJECTOR TRAINING CONTROL, RESOLVING CIRCUIT FOR COMBINED EFFECT OF SHIPS HEAD AND SHIPS SPEED ON MAGNITUDE OF DOPPLER MODULATION, AND MODULATION CIRCUIT CONTROLLED FROM	CEJ 35035 TDU  RF OSCILLATOR: INPUT: 115/1/50 TO 60, AND 300 V DC. DRIVES A SINGLE TYPE 807 VACUUM TUBE. FREQ RANGE Z TO 20 MC. FREQ IS HALF CARRIER FREQ EXCEPT FOR 2 TO 4 MC WHERE FREQ IS SAME.
4/9/42 CW:X63602A JUNE 42 LIST 23 ASSIGNED	SWITCH ON TYPE -55085 INDICATOR PANEL. 1/13/43 CAM:903A CAM:60191 AUG 43 ALT 0 ASSIGNED	7/2/43 CRV:MI-19427B P-721969 AUG. 44 SUB 0
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CEJ 35036 TDU  AF OSCILLATOR: TONE GENERATOR: 115/1/50-60 AND 300 V DC INPUT. OUTPUT FREQ 600 CY AT 50 VOLTS  MAX.  7/2/45 CRY:HI-19427B P-721498	CKT 35042 NK-5 OSCILLATOR UNIT SUPPLY: 150V DC. CONSISTS OF A VACUUM TUBE, TRANSFORMER. 2 CAPACITORS. 1 F.IXED AND 1 VARIABLE RESISTOR. ALL HERMETICALLY SEALED IN AN ALUMINUM CAN WHICH IS SPUN OVER A TERMINAL STRIP. GENERATES PULSES AT RATE OF 12 PER SECOND. CANCELLED 10/14/43 S-18882 CIPTES-13099	SELF EXCITED OSCILLATOR FOR CONTINUOUS FREQUENCY COVERAGE OR OPERATION ONEITHER OF TWO CRYSTAL CONTROLLED FREQUENCIES ONE IN RANGE OF 4.0 TO 6.45 MC AND DNE
AUG. 44 SUB O	AUG. 44 ISSUE I	2/4/44 D/S:AS-8523-G M-430303 FEB. 44 REV 0
CEJ 35037 TOU  MASTER OSCILLATOR: INPUT: 115 OR 23071/50-60. CONSISTS OF NAVY TYPES CEJ-35035, CEJ-35036, CRV-301118, CEJ-20240 INSTALLED IN CABINET.	35043 RE 9360 RE-ASSIGNED RF-9/UPT	CRY 35048 IN RANGE OF 6.45 TO 10.3 MC. USED IN NAVY TYPE -46148-B RADIO RECEIVER.
7/2/43 CRV:HI-194278 P-721977 AUG. 44 SUB 0	1/6/44 AUG. 44	
CG-35038 OBE OSCILLATOR UNIT RATED 200 WATTS. 40 TO 200 KC. INPUT 1000V DC AT 0.4 AMP AND 10V AC AT 6.5 AMP (FROM TYPE CG-20244 RECTIFIER POWER UNIT). RATED OUTPUT IMPEDANCE IS 10 OMMS (MAXIMUM) RESISTANCE LOAD.	CM- 35044 UE-I CRYSTAL OSCILLATOR 100 KC CRYSTAL OSCILLATOR WITH ASSOCIATED TEMPERATURE CONTROL. SUPPLIES 100 KC OF HIGH STABILITY TO TYPE -35045. FREQUENCY DIVIDER.	CRY 35049 RDM TONE KEYER
8/22/43 ML-7662990-G1 CG:P-7765963 NOV. 43 REV 0	1/6/44 DL 4W417A CW: D-152020 DEC. 44	3/9/44 MAR. 44
CDU- 35039 NXSS-29060 TEST OSCILLATOR USED TO LINE UP (TDP) RADIO TRANSMITTER.	CG-35045 UE-1 FREQUENCY DIVIDER RECEIVES 100 KC FROM THE CRYSTAL UNIT AND DIVIDES THE FREQUENCY DOWN TO 25 CYCLES. ALSO FURNISHES TYPE -35046 TIME DELAY-SWEEP UNIT WITH MARKERS.	CM-35050 QJB OSCILLATOR UNIT: CONSISTS OF A KEYING RELAY AND THREE OS- CILLATORS ARRANGED TO FURNISH 160-180 KC, 10-30 KC AND 300 CYCLE SUPPLIES, ALL COMPONENTS ARE MOUNTED ON A METAL CHAS- SIS HAVING A FRONT PANEL AND EQUIPPED
9/20/43 NOV. 43	1/7/44 DL 4W411A FEB. 44	#ITH A STATIONARY PLUG FOR REAR CONNEC- 4/20/44 D-168467 ESX-658976 JULY 44 ISSUE 7
CH-35040 AN/FGC-1A  KEYER ASSEMBLY: CONSISTS OF ACCESSORIES, ONE NAVY TYPE CH-10246 CASIMET, ONE NAVY TYPE CW-20217 RECTIFIER POWER UNIT AND ONE NAVY TYPE CW-35031 FREQ SHIFT KEYER UNIT, SAME AS CW-35041 EXCEPT OPERATES FROM 50-TO 60 CW:PRELIMSKETCH 9/2/43 X-61790S-1	CG-35046 UE-1 TIME DELAY-SHEEP UNIT TAKES MARKERS FROM TYPE -35045 FREQUENCY DIVIDER AND USES THEM TO MAKE KNOWN TIME DELAYS FOR THE "A" AND "B" PULSES. FURNISHES SYNCHRONIZING PULSES TO THE TRANSMITTER. ALSO FURNISHES SLOW AND FAST SWEEP 10 TYPE -55144 SYNCHRONIZING	CM-35050 TION. PART OF -23430 CONTROL CONSOLE.
MAR. 44 B-405469 ISS 1	1/7/44 DL 4M414A FEB. 44	
CYCLE POWER SUPPLY. APPROX WEIGHT 278 LBS.	INDICATOR.	CM-35051 REA BEATING FREQUENCY OSCIL- LATOR (#1):
		4/24/44 JULY 44
CW-35041 AN/FGC-1A KEYER ASSEMBLY: CONSISTS OF ACCESSORIES, ONE NAVY TYPE CW-10246 CABINET, ONE NAVY TYPE CM-20230 RECTIFIER POWER UNIT AND ONE NAVY TYPE CW-35031 FREQ SHIFT KEYER UNIT, SAME AS CW-35040 EXCEPT OPERATES FROM 25 CYCLE CW-PRELIN B-401710	CRY- 35047 RBB-1 RE 91098 CRYSTAL CONTROL ADAPTOR CRYSTAL OSCILLATOR. ADAPTOR MILL PERMIT OPERATION OF RECEIVER WITH ITS NORMAL SELF EXCITED OSCILLATOR FOR CONTINUOUS FREQUENCY COVERAGE OF OPERATION ON EITHER OF TWO CRYSTAL CONTROLLEO FRE- QUENCIES, ONE NAVY TYPE -46147-B	CW-35052 REA BEATING FREQUENCY OSCIL- LAIDA (#2): CONTAINS QUARTZ CRYSTAL TYPE OF OSCILLATOR WITH THERMOSTATIC CONTROL AND PROVIDES A FIXED FREQUENCY OF 3000 KC. AN ASSOCIATED AMPLIFIER IS ON SAME PANEL
9/2/43 X-61790T-1 ISSUE 3 HAR. 44 B-405470, ISSUE 1	2/4/44 D/S:AS-8523-G M-430302 REV 0	4/24/44 D-169180 FEB- 45
CM-35041 POWER SUPPLY. APPROX WEIGHT 304 POUNDS.	CRY- 35047	CM-35053 REA CARRIER OSCILLATOR: CONTAINS A 100 KC OSCILLATOR AND A PHASE SHIFTING CIRCUIT. OSCILLATOR FREQUENCY IS CONTROLLED BY A LOW TEMPERATURE COEF-

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NAVY TYPE FIRST ASSIGNED FOR NAVY DRAWING HAVY TYPE DESIGNATION FIRST ASSIGNED FOR ON SYECHFICKING DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION CH - 35054 CH- 35060 FSA FREQUENCY SHIFT KEYER: CYV- 35065 CARRIER FREQUENCY OSCIL-CHASSIS AND (3) R.F. CHASSIS. LATOR: PERMITS TRANSMISSION TELEGRAPH SIGNALS
ON TWO RADIO FREQUENCIES ("ONE FOR MARK"
AND "ONE FOR SPACE") INSTEAD OF STANDARD TO SUPPLY CARRIER FREQUENCIES FOR NAVY TYPE CM-50183 CHANNEL MODULATOR. CON-TAIRS ONE MODULATING AND ONE DEMODULA-ANL "ONE FOR SPACE"; INSTEAD OF STANDAR CM TRANSAISSION. FREQUENCY SHIFT AD-JUSTABLE OVER RANGE OF 0 TO 1000 CYCLES PER SECOND. CAPABLE OF BEING KEYED AT 9/18/44 X-66588A B-409871 FEB. 45 LIST 1 REV 3 4/24/44 cw- 35055 CW- 35060 CH- 35066 CM-29023 PL
AUDIO OSCILLATOR:
FREQ. RANGE 30 CYCLES TO 15 KC. OUTPUT
FROM -4 TO +6 Ob (WITH REFERENCE LEVEL I
MILLIMATI) 14TO A 500 OHM LOAD -600 OHM
OUTPUT IMPEDANCE. POWER INPUT 105 TO RFA-1 ANY SPEED UP TO 600 WORDS A MINUTE WITH MAXIMUM DISTORTION OF 20%. OPERATES FROM POWER SOURCE OF 115±104 VOLTS OR 230±10\$ VOLTS, 10, 50/60 CYCLES. EX-CH- 2006 REA-1
BEATING FREQUENCY
OSCILLATOR NO. 1: CONTAINS FIRST BEATING
OSCILLATOR AND AUTOMATIC TUNING MOTOR.
TUNING RANGE OF FIRST BEATING OSCILLATOR
CONTROLLED BY SWITCH LOCATED ON PANEL.
HIGHLY STABLE OSCILLATOR HAVING CONTINUE TERNAL OSCILLATOR MAY BE USED. FREQ. RANGE 1-6.7 MC. 125 DC OR 50 TO 60 CYCLES, APPROX 25 WATTS. 4/24/44 (CW)19-C(SPL) OUSLY VARIABLE TUNING FROM 7000 TO 1900 JULY 44 1/16/45 D-170391 FEB. 45 CEJ- 35056 TOU CYV- 35061 TEB-TEC OSCILLATOR UNIT: CW- 35066 KC. PROVIDES FOR RECEPTION OF CHANNEL A FREQUENCY DOUBLER UNIT: RE 9463 CONSISTS OF TWO DOUBLER STAGES AND BUILT IN POWER SUPPLY FOR DOUBLING FREQUENCY OF TOU EQUIPMENT. PART OF -35037 MASTER INPUT: 115 OR 250±10% VOLTS, SINGLE
PHASE, 50 TO 60 CYCLES. FREQUENCY RANGE:
2 TO 4 MCS., WITH A MAXIMUM POWER OF
3 MAITS INTO A 70 TO 75 OHM COAXIAL
TRANSMISSION LINE TERMINATED INTO A 75 IN LOWER SIDEBAND FOR SIGNAL FREQUEN-CIES BELOW 10,000KC. SAME AS TYPE -35051 EXCEPT HAS IMPROVED FIRST BEATING OS-CILLATOR FREQUENCY CONTROL. OHM NON-INDUCTIVE RESISTIVE LOAD. 10/25/44 CYV:63-8-7 P-719424 10/25/44 MAY 45 JULY 44 SUB 0 ISS I cqJ- 35057 CYV- 35062 FSB cw- 35067 RE13A957-B OSCILLATOR: CW-35067 TEF
LOW POWER HIGH FREQUENCY
UNIT: CONTAINS A CRYSTAL CONTROLLED OSCILLATOR, A HARMONIC GENERATOR, THIRD
MODULATOR STAGE, AND THE FIRST RADIO
FREQUENCY AMPLIFIER STAGE. SELECTOR
SWITCHES ARE PROVIDED WITH EACH STAGE
FOR FREQUENCY SELECTION. ALSO CONTAINS A FREQUENCY SHIFT KEYER:
PERMITS TRANSMISSION OF TELEGRAPH SIGNALS CONTAINS BRIDGE TYPE CRYSTAL CONTROLLED CONTAINS BRIDGE TIPE CRISTAL CONTROLLED

TROLLED WITH STABILITY OF OUTPUT TO

WITHIN 1 PART IN 60 MILLION A CATHODE

FOLLOWER & A TUNED AMPLIFIER A PHASE

SPLITTER WITH VARIABLE 360° PHASE

5/2//44

DD-3030-E-2 ON 2 RADIO FREQUENCIES (ONE FOR "MARK" AND ONE FOR SPACE) INSTEAD OF STANDARD CH TRANSMISSION. FREQUENCY SHIFT AO. PER SECOND. CAPABLE OF BEING KEYED AT 10/30/41 PWFS12B CYV:#39A-B-1 1/17/45 DFC. 44 CQJ 35057 SHIFTER WAVE SHAPING & A FREQUENCY DOUBLING CIRCUIT; & A CATHODE FOLLOWER OUTPUT CIRCUIT AT 100 KC/S. REQUIRES 115/1/60 TO SUPPLY POKER FOR SIX 110 cw-35037 crv- 35062 ANY SPEED UP TO 600 WORDS A MINUTE WITH MAXIMUM DISTORTION OF 20%. OPERATES FROM POWER SOURCE OF IISTIDS VOLTS 230110% VOLTS. 10% 50/60 CYCLES. EXTERNAL OSCILLATOR MAY BE USED. FREQ. RANGE 2625KC AMPLIFIER AND A CRYSTAL FREQUENCY OHH HEATER PADS AND 2 TRANSFORMERS, ONE ILAMENT TRANSFORMER. 1-6.7 MC. CUF- 35058 OAH-2 cs-35063 COP- 2007 OAN-2

CONCILLATOR AMPLIFIER UNIT:

CONTAINS 110 VOLTS AC/DC POWER SUPPLY,
AUGIO OSCILLATOR DRIVER STAGE AND AUDIO
AMPLIFIER STAGE. FREQ. RANGE 500 TO
1200 CPS. FRONT PANEL CONTAINS POWER
SUPPLY SELECTOR SWITCH YOULDME CONTROL
TONE CONTROL. PILOT LIGHT AND FAICH CORD CH-35068 UP TIMER-MEASUREMENT UNIT CONTAINS A 100 KC OSCILLATOR, A 5 TO 1 FREQUENCY DIVIDER CIRCUIT AND VARIOUS BASE FREQUENCY OSCILLATOR BASE FREQUENCY OSCILLATOR
A SINGLE TUBE REVERSED FEEDBACK TYPE OSCILLATOR TUNED TO DELIVER 85 CYCLES. POMER REQUIRED. 24V DC FOR FILAMENT AND
130V DC FOR PLATE. MOUNTED ON STEEL PANEL. PROVIDED MITH TERMINAL STRIPS OR
EXTERNAL CONNECTIONS. SAME AS TYPE
1/18/45 J78036G-1 J70036C-1
FEB. 45 LISTS 1 & N R ISSUE 6 FILTER AND TIME MEASURING CIRCUITS. A PART OF TYPE -46265 LORAN RECEIVER-INDI-CATOR. CANCELLED 7/12/44 11/22/44 651010 MAY 455 cur - 35058 RE13A944 CS-35064 DBE cw-35068 DISTRIBUTION PANEL, WHICH CONTAINS 6
PAIRS OF JACKS PLUS A SINGLE INSTRUCTORS -35023 EXCEPT FILAMENT SUPPLY IS 24VDC CONTAINS FREQUENCY DIVIDING AND ASSOCIATED TIMING CIRCUITS. PART OF TYPE -46265 LORAN RECEIVER-INDICATOR. INSIEAD OF TV AC. CANCELLED 11/22/44 651011 MAY 45 CFT- 35059 TDN-2,3.4 CFT- 27U79 IUN-C.5.\*

FF OSCILLATOR:

VARIABLE OSCILLATOR, FREQ. RANGE: 1 TO
6.6 MC.. OUTPUT 0.5 WATTS INTO 70 OM
LOAD. INPUT: 375v DC AT 100 MA. 220V/
1\$/50-60~ WHEN USED WITH BAND TRANS-CYV- 35065 FSD cw- 35069 FREQUENCY SHIFT KEYER
FREQUENCY RANGE 2 TO SMC, FREQUENCY
SHIFT CONTINUOUSLY VARIABLE 0/1200 CPS HARMONIC GENERATOR PANEL
A STEEL PANEL EQUIPPED WITH COILS, CAPACITORS, & RESISTORS SO CONNECTED AS TO
GENERATE ODD HARMONIES OF THE 85 CYCLES
BASE FREQUENCY. HARMONIES ARE USED TO
CONTROL FREQUENCY OF VARIOUS CHANNEL OS-WITH INPUT SHIFT BETMEEN 2000 AND 3000 CPS, INPUT LEVEL FS/AM 0 TO -20db. IN-CLUDES 3 SUB-CHASSIS: (1) AUDIO-FRE-MITTERS PROVIDES VARIABLE FREQUENCY FROM 2 TO 20 MC. QUENCY CHASSIS: (2) OSCILLATOR OVEN
1/1/45 PN6039 15:-M-790 104A RC-5107-12 NOY - 44 REV. O FEB. 45 ASSIGNAL ASSIGNED

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CM- 35069 INCLUDES DISTRIBUTING RESISTORS & TEST JACKS.	CM-35075 UP CHANNEL OSCILLATOR (FOR SPACE CHANNEL 3): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 1275 CY- CLES. ALSO SAME AS TYPE -35015 EXCEPT IT HAS A 24V DC FILAMENT SUPPLY INSTEAD OF 7V AC.	CM-35083 UP CHANNEL OSCILLATOR SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 5270 CYCLES.  OLIST 11 MODIFIED BY H-327-111, LIST 2
	1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 6 R ISSUE 7	1/18/45 J70036A-1 J70036A-1 FEB. 45 ØSEE ABOVE R ISSUE 7
CM-35070 UP CHANNEL OSCILLATOR (FOR MARK CHANNEL 1): A SINGLE TUBE REVERSED FEEDBACK TUNED PLATE OSCILLA- TOR, TUNEO TO 425 CYCLES. MOUNTED ON A STEEL PANEL. REQUIRES 24V DC FOR FILA- MENT AND 130V DC FOR PLATE, SAME AS TYPE	CW-35076 UP CHANNEL OSCILLATOR (FOR MARK CHANNEL 4): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 1445 CY- CLES. ALSO SAME AS TYPE -35016 EXCEPT IT HAS A 24V DC FILAHENT SUPPLY INSTEAD OF 7V AC.	CM-35094 UP CHANNEL OSCILLATOR SAKE AS TYPE -35070 EXCEPT IT IS TUNED TO 5610 CYCLES.
-35010 EXCEPT FILAMENT SUPPLY IS 24V DC 1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 1 R ISSUE 7	1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 7 R ISSUE 7	OLIST 11 MOO. BY H-327-111 LIST 1 1/18/45 J70036A-1 J70036A-1 FEB. 45 OSEE ABOVE R ISSUE 7
CN-35070	CM-35077 UP CHANNEL OSCILLATOR (FOR SPACE CHANNEL 4): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 1615 CY- CLES. ALSO SAME AS TYPE -35017 EXCEPT IT HAS A 24V DC FILAMENT SUPPLY INSTEAD OF 7V AC.	CW-35035 UP AUDIO FREQUENCY OSCILLATOR A HETERODYNE VACUUM TUBE OSCILLATOR; CAN BE ADJUSTED OVER FREQ. RANGE OF FROM 30 TO 15.000 CYCLE. WILL DELLVER OUTPUT OF 1 MILLIWATT INTO A 600 OMM LOAD; OPE- RATES FROM 105 TO 125 VOLTS. 60 TO 60 CYCLES. BASIC UNIT IS 190 OSCILLATOR
	1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 8 R ISSUE 7	1/18/45 D-170539 FEB. 45
CM-35071 UP CHANNEL OSCILLATOR (FOR SPACE CHANNEL 1): A SINGLE TUBE REVERSED FEEDBACK TUNED PLATE OSCILLATOR, TUNED TO 595 CYCLES. MOUNTED ON A STEEL PANEL. REQUIRES 24V DC FOR FILAMENT AND 130V DC FOR PLATE. SAME AS 17YP - 35011	CN-35078 UP CHANNEL OSCILLATOR (FOR MARK CHANNEL 5): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 1785 CY- CLES. ALSO SAME AS TYPE -35018 EXCEPT IT HAS A 24V DC FILAMENT SUPPLY INSTEAD OF 7V AC-	CN- 35035  PORTABLE SET MOUNTED IN STEEL BOX. STEEL COVER OMITTED & DRILLING & SUITABLE DE- TAILS PROVIDED TO MOUNT IT ON 19 IN. RE- LAY ROCK. ELECTRICALLY SAME AS TYPE -35055.
EXCEPT FILAMENT SUPPLY IS 24V DC INSTEAD 1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 2 R ISSUE 7	1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 9 R ISSUE 7	
CW- 35071	CW- 35079 UP CHANNEL OSCILLATOR (FOR SPACE CHANNEL 5): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 1955 CY- CLES. ALSO SAME AS TYPE -35019 EXCEPT IT HAS A 24V DC FILAMENT SUPPLY INSTEAD OF 7V AC.	CYV- 35086 FSH 16K6(RE) LOW FREQUENCY SHIFT KEYER INPUT: 115 OR 230 ±104/1/50 TO 60. PER- HITS TRANSMISSION OF TELEGRAPH SIGNALS ON 2 RADIO FREQUENCIES (ONE FOR "MARK" AND ONE FOR "SPACE"( INSTEAD OF STAN- DARD CW TRANSMISSION. FREQUENCY SHIFT
	1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 10 R ISSUE 7	170 CPS (±85CPS). CAPABLE OF BEING KEYED 2/15/45 CYV:62-8-1 FEB. 45 (SSUE 1
CM-35072 UP CHANNEL OSCILLATOR (FOR MARK CHANNEL 2): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 765 CYCLES. SAME AS TYPE -35012 EXCEPT THE FILAMENT SUPPLY IS 24V DC INSTEAD OF 7V AC.	CW-35080 UP CHANNEL OSCILLATOR (FOR MARK CHANNEL 6): SAME AS TYPE -35070 EXCEPT AT IS TUNED TO 2125 CY- CLES. ALSO SAME AS TYPE -35020 EXCEPT AT HAS A 244 DC FILAMENT SUPPLY INSTEAD OF 74 AC.	CYV- 35086 AT ANY SPEED UP TO 60 CPS IN ORDER TO TRANSMIT 4 CHANNEL MULTIPLEX SIGNALS.
1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 3 R ISSUE 7	1/18/45 J70036A-1 J70036A-1 FEB, 45 LIST II R ISSUE 7	
CM-35073 UP CHANNEL OSCILLATOR (FOR SPACE CHANNEL 2): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 935 CT- CLES. ALSO SAME AS TYPE -35013 EXCEPT IT HAS A 24V DC FILAMENT SUPPLY INSTEAD OF 7V AC.	CW-35081 UP CHANNEL OSCILLATOR (FOR SPACE CHANNEL 6): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 2295 CY- CLES. ALSO SAME AS TYPE -35021 EXCEPT IT HAS A 24V DC FILAMENT SUPPLY INSTEAD OF 7V AC.	CFM-35087 MK 6 HOD 0 OSCILLATOR CONSISTS OF BY-PASS CAPACITORS. CHOKE. AND TANK CIRCUIT SO CALIBRATED AS TO MAINTAIN A CONSTANT LC RATIO AT MAXIMUM OPTIMUM OVER FREQUENCY RANGES OF MK 4 AND MARK 12 EQUIPMENTS. CHUCKS FOR PINS
1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 4 R ISSUE 7	1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 12 R ISSUE 7	OF 703A TUBE PROVIDEO. 2/16/45 CFM;664686 CAOS:B45253C FEB. 45 REV 0
CM-35074 UP CHAMMEL QSCILLATOR (FOR MARK CHANNEL 3): SAME AS TYPE -35070 EXCEPT IT IS TUNED TO 1105 CYCLES. ALSO SAME AS TYPE -35014 EXCEPT IT HAS A 24V DC FILAMENT SUPPLY INSTEAD OF 7Y AC-	CW-35082 UP CHANNEL OSCILLATOR (FOR TELEGRAPH ORDER WIRE): SAHE AS TYPE'-35070 EXCEPT IT IS TUNED TO 2465 CYCLES.	CADU-35088 OAH-3 OSCILLATOR AMPLIFIER UNIT CONTAINS A 110 VOLT AC/DC POWER SUPPLY, AUDIO OSCILLATOR DRIVER, AND AUDIO AMP- LIFIER STAGE. FREQ. RANGE 500 TO 1200 CPS. FRONT PANEL CONTAINS VOLUME CON- TROL, TONE CONTROL, PILOT LIGHT, AND A PATCH CORD PANEL. SIMILAR TO TYPE -35058
1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 5 R ISSUE 7 ASSIGNED	1/18/45 J70036A-1 J70036A-1 FEB. 45 LIST 13 R ISSUE 7	2/19/45 10371 FEB. 45 10372
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CADU- 35088 EXCEPT FOR MINOR MECHANICAL AND ELEC- TRICAL CHANGES.	CRV- 35093 MAR MULTIPLIER ASSEMBLY MULTIPLIER STAGE OF NAVY TYPE -43067.	CW-35097  -53100 SENDING TELEGRAPH CHANNEL TERMI- NAL PANEL, AND ONE -60035 VOLTMETER TEST PANEL.
	and the second of the second	
	3/26/45 T-618975 P-1 APR. 45 ISS O	
CW-35089 CM-50250	ccz- 35094 BT	
RINGER OSCILLATOR THIS UNIT IN CONJUNCTION WITH NAVY TYPE CM-23486 FUNCTIONS EITHER TO RECEIVE 1000 CYCLE SIGNALS INTERRUPTED AT 20 CY- CLES FROM THE LIVE AND TRANSMIT CORRE- SPONDING DC SIGNALS TO THE TERMINAL OR AS AN OSCITIZATION OF CONTROL OF DC 376745 JES66144 2	CAVITY OSCILLATOR, BAND A UNIT CONSISTS OF 446-B LIGHTHOUSE TUBE IN A CYLINDRICAL SILVER-PLATEO BRASS CAVITY, BUILT-IN PLATE AND GRID BY-PASS CAPACITORS & PLATE CHOKE, PLUS A SMEEP- ING MECHANISM OF ONE STATOR AND ONE RO- TOR PLATE TO SMEEP THE NATURAL POINT OF	CW-35098 UN NARROW BAND CARRIER SUPPLY BAY (CHANNELS 1-6): CONSISTS OF ONE -10094 HARMONIC GENERATOR ALARM PANEL, OME -35010, -35011, -35012, -35013, -35014, -35015 CHANNEL OSCILLATOR, ONE -35022 HARMONIC GENERATOR PANEL, ONE *CK:X-66016A-1, LIST 1
APR. 45 LISIS 1 & 2	4/10/45 TB-1847-A	5/10/45 CH:X-66016A JUN- 45 * SEE ABOVE
	MAY 45	SEE ABOVE
CM-35089 FROM THE TERMINAL GENERATING 1000 CYCLE SIGNALING SUPPLY FOR TRANSMISSION OVER THE LINE. 19" x 7" STEEL PANEL.	CCZ-35094  OSCILLATOR OF THE CAVITY OVER BAND WIDTH A. THE MARK 4 FC RADAR FREQUENCY. PRO- VISION IS MADE FOR INDEPENDENT BAND CENTER AND BAND WIDTH ADJUSTMENTS. R.F. CONNECTION TO THE CAVITY IS BY MEANS OF A COAXIAL RECEPTACLE.	CH-35098 -35023 BASE FREQUENCY OSCILLATOR AND ONE SOLOO BASE FREQUENCY AMPLIFIER, AND ONE -60035 VOLTMETER TEST PAHEL.
CM-35090 CM-50250 RINGER SUPPLY UNIT PERALES FROM 115/1/60 WITH AN OUTPUT OF 70 10 110 VOLTS. 20 CYCLES. EQUIPPED WITH CAPACITORS, COILS, ETC. & FUNCTIONS TO PROVIDE A 20 CYCLE VOLTAGE TO FOUR NAVY TYPE CM-23486 SIGNALING APPLIQUE	CCZ- 35095 BT CAVITY OSCILLATOR, BAND B UNIT CONSISTS OF A 446-B LIGHTHOUSE TUBE IN A CYLINDRICAL SILVER-PLATED BRASS CAVITY, BUILT-IN PLATE AND GRID BY-PASS CAPACITORS & PLATE CHOKE, PLUS A SHEEP- ING MECHANISM OF ONE STATOR AND ONE RO-	CM-35099 UN NARRON-BAND CARRIER SUPPLY BAY (CHANNELS 7-12): CONSISTS OF ONE -3501635017350183501935020. ANO -35021 CHANNEL OSCILLATOR, AND ONE -60035 VOLTMETER TEST PANEL.
UNITS. STEEL CARTHET 17" X 10 1/2" X 9" 3/6/45 J66727A-1	TOR PLATE TO SWEEP THE NATURAL POINT OF	*CW:X-66016A-1. LIST 1
APR. 45 LIST I	4/18/45 TB-1847-B	5/10/45 CM:X-66016A JUN. 45 * SEE ABOYE
CM- 35090 OPEN TO REAR PROVIDED WITH ANGLES FOR MOUNTING ON 19" RACK.	CCZ-35095 OSCILLATOR OF THE CAVITY OVER BAND HIDTH B. THE MARK 12 FC RADAR FREQUENCY. PRO- VISION IS MADE FOR INDEPENDENT BAND CENTER AND BAND HIDTH ADJUSTMENTS. RF CONNECTION TO THE CAVITY IS BY MEANS OF A COAXIAL RECEPTACLE.	CDE- 35100 YR  KEYER-AUDIO OSCILLATOR  1020 CYCLE OSCILLATOR AND A MOTOR DRIVEN BOEHME KEYER. PROVIDES TONE MODULATION AND IDENTIFICATION KEYING FOR THE EQUIP- MENT. ONE 65N7 TUBE USED IN THE OSCILLA- TOR. PROVISION IS MADE TO ADJUST FRE- QUENCY TO 1020 CYCLES. KEYING IS ACCOM- 5/12/45
		JUN- 45
RA- 35091 * SEE BELOW	CH-75006 004	
TOHE KEYER KEYS TRANSMITTER FOR DEFINITE TIME IN- TERVALS.  SFOR USE WITH ANYARC AND XDB	CW-35096 QOA  OSCILLATOR UNIT  UNIT FURNISHES 190 KC, 240 TO 250 KC AND  800 CYCLE SUPPLIES USED IN THE EQUIPMENT. COMPONENTS ARE MOUNTED ON A HINGED PANEL  AND FRAMEWORK WHICH MOUNTS IN TYPE CW- 10534 TRANSMITTER-RECEIVER CASINET.  HINGEO FRONT FANEL IS ARRANGED WITH AN	COE-35100 PLISHED THROUGH A MOTOR DRIVEN BOEMME IDENTIFICATION CAM WHICH OPERATES MICRO- SWITCHES TO KEY SIGNAL.
3/1U/45 APR. 45	4/28/45 D-171068 CH:ES-657819	
CJ-35092 #SEE BELOW	MAY 45 (SSUE ) CW- 35096	
FREQUENCY CONVERTER UNIT CONVERTS 60 KC OUTPOT SIGNAL OF THE MO- DEL OFG EQUIPMENT TO PROJECTOR FREQUEN- CY. UNIT HAS A LOCAL OSCILLATOR WITH FREQUENCY VARIABLE FROM 72 KC TO 95 KC. OUTPUT OF THIS OSCILLATOR & THE OFG OUT- #FOR USE WITH OFG 3/26/45 N-55-70 APR. 45	A.C. DISCONNECT SWITCH AND A REMOTE GUARD LAMP SWITCH. PART OF TYPE CW-43068 TRANSMITTER-RECEIVER ASSEMBLY.	CM-35101 UN  MARROW AND WIDE BAND CARRIER  SUPPLY BAY CHANNELS 7 TO 12. PLUS 22.23, 24): CONSISTS OF ONE -35016, -35017, -35018, -35019, -35020, -35021, -35024, -35026, -35026 CHANNEL OSCILLATOR, AND ONE -60035 VOLIMETER TEST PAHEL. *CM:X-66016B-1, LIST I
		5/17/45 CW:X-66016B JUN. 45 *SEE ABOVE
CJ-35092 PUT ARE DELIVERED TO A VARISTOR USED AS A BALANCEO MODULATOR, MAKING AVAILABLE AN OUTPUT FREQUENCY OF 12 TO 35 KC. UNIT IS PROVIDED WITH PLUG CONNECTORS FOR READY ATTACHMENT TO THE QFG. INSTALLED IN INSIDE LEFT FRONT CORNER OF QFG CA- BINET.	CW-35097 UN  NARRON BAND CARRIER SUPPLY  AND SEND TER*INAL (CHANNELS 1.3.4.5): CONSISTS OF ONE NAVY TYPE -23297 SENDING LINE TERMINAL PANEL, ONE -35010 CHANNEL OSCILLATOR, ONE -55012 CHANNEL OSCILLA- TOR, ONE -35014 CHANNEL OSCILLATOR, ONE -50101 AUDIO FREQUENCY AMPLIFIER, ONE 5/10/45 CM:*-66016C	CRV- 35102 RBP  50KC OSCILLATOR ASSEMBLY INCLUDES ALUMINUM CAN WITH COV ER CONTAINING 1-1500 MMF. 1-2000 MMF. 1-100 MMF. MICA CAPACITORS AND 2-75 MMF VAMIABLE AIR CAPACITORS, 3 COILS RATED 9.8 MILLIHENRIES, 5 MILLIHENRIES, 4.8 MILLIHENRIES INDUCTANCE, 1-100.000 OHMS
ASSIG	HED JUN. 45 CH:X-66016C- ASSIGNED	5/18/45 1-607806-509 1-607806-509
ISSU	ED ISSUED	JUN. 45 REV. 2

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CRV-35102 AND 1-20.000 OHMS COMPOSITION RESISTORS AND 1 S.P.S.T. TOGGLE SWITCH RATED 3 AMPS 250V.	CRV-351	SECOND A	112 RBP RF COIL & CAPACITOR Y: FREQ 3-6 MC. ASSEMBLY COI
		WITH CON VARIABLE	F DIAL ASSEM. AND ALUMINUM CAP YER CONTAINING 1-10 TO 142 MMI E AIR CAPACITOR, 1-0,001 MFD
		SISTOR	P. 1-25,000 OHM COMPOSITION RE AND COIL. T-611777-507 T-611777-50
	76100	JUN. 45	REV. 5
CRY-35103 RBP  OSCILLATOR ASSEMBLY FREQUENCY 400 KC. ASSEMBLY INCLUDES ALU- MINUM CAN WITH COVER CONTAINING 2-75 MAF. VARIABLE AIR CAPACITORS, 1-5600 MMF. 1-1500 MKF, 1-300 MKF, mica Capaci- TORS, 2 COILS RATED 0.39 MILLIMENRIES	CRY-35107 RBP OSC. COIL & CAP. ASSEMALY CONSISTS FRED. 12-24 MC. ASSEMALY CONSISTS GEAR TYPE VERNIER DIAL ASSEM. AND I NUM CAN WITH COVER ASSEMBLY, CONT. ING CONDENSER DRIVE GEAR ASSEMBLY, HFD, HICA CAPACITOR (NT-48231-10).	OF SECOND I ILUM- ASSEMBL IIIM- SISIS OI IIIM- WITH CO VARIABLI	113 REP  RE COLL & CAPACITOR  Y: FREQ 12-24 MC. ASSEMBLY F  F DIAL ASSEMBLY AND ALUMINUM WER, CONTAINING 1-10 TO 142 M  E AIR CAPACITOR, 1-0.001 MFD
INDUCTABLE AND 1 COIL RATED 1.93 MILLI- 5/18/45 1-607806-501 T-607806-501 JUN. 45 REV. 2	TO 142 MMF VARIABLE AIR CAP, 1-2 M 5/24/45 T-611777-512 T-611777- JUN. 45 REV. 5	omposi	PACITOR, 1-2 MEGOHM 1/2 WATT TION RESISTOR AND COIL. T-611777-509 T-611777-50 REV. 5
HENRIES INDUCTANCE, CRV-35103 1-50.000 OMMS AND 1-100.000 OMMS COMPO- SITION RESISTORS. (N.T.63355).	CRV- 351 CERAMIC CAPACITOR AND COIL.	SECOND I	114 RBP RF COIL & CAPACITOR Y: FREQ 6-12 MC ASSEMBLY CO FREQ 6-12 MC ASSEMBLY CO FUEL ASSEMBLY AND ALUMINUM FUEL CONTAINING 1-10 TO 142 MM
		CAPACIT	E AIR CAPACITOR, 1-0.001 MF0 03, 1-30,000 DMMS 1/2 MATT CO N RESISTOR AND COIL, 1-611777-508 1-611777-50 REV. 5
CRY- 35104 FRE  REQUENCY SHIFT RECEIVER  COVYERTER: IMPUT: 100 TO 117/117 TO  135/135 TO 165/190 TO 230/200 TO 260V  SINGLE PHASE, 50 TO 60 CYCLES 150 WATTS,  1F 455 KC. UNIT CONSISTS OF 5 1F CHAN-  NELS CONNECTED TO 3 RECEIVER IF AMP-  LIFIFRS BY MEANS OF CONNECTOR, PROVIDED  5/24/45	CAOV- 35108 QLA  FM OSCILLATOR UNIT: SUPPLY: 115/1/60. CONSISTS OF REGUI POWER SUPPLY: A SAM-TOOTH MODULATE CILLATOR WHICH CONSISTS OF A POSIT BIAS MULTIVIBRATOR MODULATEO BY A SAM TOOTH FROM A RELAXATION OSCILL AND NECESSARY FILTER AND BLANKING 5/24/45 CW:XSXX-3	ATEO HET. OS OS- ASSEMA IVE CERAMIC C CERAMIC ATOR, (NT-485 CIR- CIR- CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	115 RBP C. TUBE SOCKET & TRIM. Y: FREO \$ -24 MC. ASSEMBLY C F 1-2 MMF VARIABLE AIR, 1-2 M , 1-0,0001 MFB MICA CAPACITOR 49) 1-100,000 OMB 1/2 MATT C N RES (NT-63360) AND 1-6 CONT SOCKET FOR VACUUM TUBE, ENCL T-611254-513 T-611254-51
CRY- 35104 IN ROM RECEIVER. SIGNALS ARE AMPLIFIED. IMITED AND DETECTED BY MEANS OF A SEELEY INSCRIMINATION, THEN PASSED THROUGH CLEU- ROMIC DIVERSITY GATE TO SELECT STRONG- SIT SIGMAL AUDIO OUTPUT IS COVERTED TO DE SIGNALS OF \$25 MA POLAR OR 60 MA NEU- RAL SUITABLE TO OPERATE TELEPRINTERS OR DITHER RECORDING DEVICES.	CAOV- 35 CUITS, OUTPUT DRIVES TYPE -52363 DI UNIT AND PROVIDES HETERODYNE VOLTAG TYPE -46282 RECEIVER UNIT.	RIVER IN ALUM	REV. 12 CRV- 3511 IINUM CAN NITH SLIDE FIT COVER
CRV-35105 RBP OSC. COIL & CAP. ASSEM.: FREQ. 6-12 MC. ASSEMBLY CONSISTS OF: GEAR TYPE VERNIER DIAL ASSEM. AND ALUM- INUM CAN NITH COVER ASSEM, CONTAINING CONDENSER DRIVE GEAR ASSEMBLY 1-0.01 MFD MICA CAPACITOR (NT-48231-10), 1-10 TO	CRV-35109 RBP FIRST RF INPUT COIL & CAPA- CITOR ASSEMBLY: FREQ. 6-12 MC. A LY CONSISIS OF DIAL ASSEMBLY AND A UMINUM CAN WITH COVER CONTAINING T TO 142 MMF CAPACITOR AND COIL.	SSEMB- MULTIPL - RECEIVE -10 MULTIPL	116 RDR IER ASSEMBLY: IER STAGE OF TYPE -45233 RADI R. INCLUDES THREE 6C4 TUBES. IES CRYSTAL FREQUENCY TO MIXE ON FREQUENCY OF RECEIVER.
142 MMF. VARIABLE AIR CAPACITOR, 1-2 5/24/45 T-611777-511 T-611777-511 JUN. 45 REV. 5	5/24/45 T-611777-502 T-611777- JUN. 45 REV. 5	502 5/31/45 JUN. 45	
CRV-35105	CRY-35110 RBP FIRST RF INPUT COIL AND CAPACITOR ASSEMBLY: FREQ. 3-6 MC ASSEMBLY INCLUDES ALUMINUM CAN AND MITH COVER CONTAINING 1-10 TO 142 VARIABLE AIR CAPACITOR AND COIL.	DIAL	
	5/24/45 T-611777-501 T-611777- JUN, 45 REV. 5	501	
CRY- 35106 RBP OSC. COIL & CAP. ASSEM.: FREQ. 3-6 MC. ASSEMBLY CONSISTS OF GEAR TYPE VERNIER DIAL ASSEMBLY AND ALUMINUM CAN AND COVER ASSEMBLY CONTAINING CON- DENSER DRIVE GEAR ASSEMBLY. 1-0.01 MFD	CRY-35111 R8P FIRST RF INPUT COIL & CAPA- CITOR ASSEMBLY: FREQ. 12-24 MC. SEMBLY CONSISTS OF DIAL ASSEMBLY A ALUMINUM CAN MITH COVER CONTAINING TO 142 MMF VARIABLE AIR CAPACITOR	ND 1-10	
MICA CAPACITOR (NT-48231-10) 1-10 TO 142 MMF VARIABLE AIR, 1-2 MMF CERANIC 5/24/45 T-611777-510 T-611777-510 JUN. 45 REV. 5	5/24/45 T-611777-503 T-611777- JUN. 45 REV. 5	5 0 3	
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