



DATAFILE COMBINATION NO. INDEX

General Electric mobile radios and base stations for two-way radio communication are each identified by a Combination Number. These numbers indicate the equipment's input voltage, frequency range, transmitter power, type of control, general configuration, and accessories.

This index can be used to interpret the Combination Numbers found on mobile combination and station combination nameplates. Listed in this folder are the major combinations covered by the DATAFILE. This includes most combinations manufactured since 1955 --- starting with Progress Line.

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Some early Progress Line MTS Combinations are included on pages 2 and 3.

PROGRESS LINE

DESCRIPTION OF COMBINATIONS

PROGRESS LINE Mobile Combinations and Station Combinations are accurately described by their Combination Numbers. The letters and numbers used in PROGRESS LINE nomenclature are explained below (see Example).

1 MOUNTING DESIGNATOR		5 BANDWIDTH DESIGNATOR		6 CONTROL DESIGNATOR		7 FREQUENCY RANGE	
B	Bell System (MTS)	A	Leashed AFC	-	Local	1	25-30 MC (25-33 MC*)
C	Civil Defender	B	Compliance Wide Band	A	Two-Way Dial	2	30-42 MC (33-42 MC*)
D	Desk-Mate	N	Narrow Band (20/30 KC)	E	Extended Local	3	42-54 MC (42-49.5 MC*)
F	Front-Mt.	V	Medium Band (W E only)	J	Railroad Control Unit	4	72-76 MC
G	MTS (Lenkurt)	W	Wide Band (40/60 KC)	K	Local/Remote	5	130-150.8 MC (144-152 MC*)
H	Hand-Carried Portable			M	One-Way Dial	6	150.8-174 MC (152-174 MC*)
J	Marine			R	Remote	7	406-420 MC
K	Power-Mate			Y	Automatic Repeater	8	450-470 MC
M	Trunk-Mt.						
P	Pole-Mt.						
Q	MTS Using Secode Dialing						
R	Aux. Rec.						
S	36" Vertical Cabinet						
T	3-Wheel Motorcycle						
T	Table Model Station						
V	Vertical Floor-Mt.						
W or WT	Western Electric (MTS)						

2 POWER SUPPLY DESIGNATOR	
A	6/12-VDC Vibrator with 6-V Accessories
B	Extended-Life Battery Pack (5-day)
D	6/12-VDC Dynamotor with 6-V Accessories
E	6/12-VDC Vibrator with 12-V Accessories
F	Dry Battery Pack (2-day)
I	117-VAC ICAS Duty
J	28-VDC Transistorized
N	Rechargeable Battery
O	117-VAC Continuous Duty
Q	12/72-VDC
T	12-VDC Transistorized
U	24-VDC Vibrator
V	6/12-VDC Vibrator (Lenkurt)
W	6/12/24-VDC Vibrator
Y	6/12-VDC Dynamotor with 12-V Accessories
Z	12-VDC Dynamotor

3 FREQUENCY DESIGNATOR	
0	Audio Only
1	25-54 MC (25-49.5 MC*)
2	72-76 MC
3	130-174 MC (144-174 MC*)
4	405-470 MC

4 RF POWER DESIGNATOR	
1	Up to 10 watts
2	10-25 watt
3	25-30 watt
4	30-40 watt
5	40-50 watt
6	50-60 watt
7	75-100 watt
8	250-watt
9	330-watt
0	Receiver only

Example: D O 3 6 N R 6

*Portable frequencies

RADIO COMBINATIONS

TRANSMITTERS & RECEIVERS USED IN COMBINATIONS

COMBINATION	TRANSMITTER	RECEIVER	
		Narrow Band	Wide Band
BA/E13	ET-22-A	ER-24-C (Med. Band)	---
BA/E33	ET-20-A	---	ER-25-B or D
BA/E42	ET-24-A	4ER26B2 or 12 (Hid Xtal)	---
BO36-N BO39-TM6 BO39-N	5494370-G1 4ET21A13 4033307-G1	---	---
BO42 BO42-NA BO48	4034572-G1 4ET51A12 4034572-G1 + 5493029-G1	---	---
BT13	4ET22A2 or 12	ER-24-A or C	---
BT33	4ET20A2 or 12	4ER25C2 or 12	4ER25D2 or 12
BT42	4ET24A2 or 12	4ER26B2 or 12	---
CO10	---	4ER19B1 or 2	4ER19A3 or 4
CO30	---	4ER18B1 or 2	4ER18A3 or 4
DO16 and DO17	ET-23-A	ER-24-A	ER-24-B
DO25	4ET11A1	---	4ER30B2
DO26	4ET35A10	---	4ER30B2
DO36 DO37 DO42	ET-21-A ET-48-A ET-24-A	ER-25-A or C ER-25-C 4ER26B2 or 40 (Hid Xtal) 4ER26B3 (leashed AFC)	ER-25-B or D ER-25-D 4ER26B1 (AFC)
FA/E12	ET-22-A	ER-24-A	ER-24-B
FA/E13, FD/Y13, FI13, FJ13, FT13, FU13 and FZ13	ET-22-A	ER-24-A	ER-24-B
FA/E16, FD/Y16, FD/Y17, FI16, FT16, FT17, and FU16	ET-23-A	ER-24-A	ER-24-B
FA/E32	ET-20-A	ER-25-A or C	ER-25-B or D
FA/E33, FI33, FJ33, FT33, FU33 and FZ33	ET-20-A	ER-25-A or C	ER-25-B or D
FA/E36, FD/Y36, FI36, FT36 and FU36	ET-21-A	ER-25-A or C	ER-25-B or D
FA/E42, FI42, FJ42 and FT42	ET-24-A	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
FO10	---	ER-24-A	ER-24-B
FO30	---	ER-25-C	ER-25-D
FO40	---	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
GI33, GT33 and GV33	ET-20-A	ER-25-C	ER-25-D
GI36, GT36 and GV36	ET-21-A	ER-25-C	ER-25-D
GI42, GT42 and GV42	ET-24-A	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
GT13 and GV13	4ET22A2 or 12	4ER24A2 or 12	---
GT16 and GV16	4ET23A2 or 12	4ER24A2 or 12	---
HB11, HF11, HI11 and HN11	ET-28-A	ER-27-A or ER-32-C	ER-27-B or ER-32-D
HB31, HF31, HI31 and HN31	ET-29-A	ER-28-A or ER-31-E	ER-28-B or ER-31-F
JA/E33 and JI33	4ET20A12	---	4ER25B2 or 12
KO19	EF-4-A	---	---
KO39	EF-5-A	---	---
KO48	EF-6-A	---	---
MA/E12	ET-22-A	ER-24-A	ER-24-B
MA/E13, MD/Y13, MI13, MJ13, MT13, MU13 and MZ13	ET-22-A	ER-24-A	ER-24-B
MA/E16, MD/Y16, MD/Y17, MI16, MT16, MT17 and MU16	ET-23-A	ER-24-A	ER-24-B
MA/E32	ET-20-A	ER-25-A or C	ER-25-B or D

COMBINATION	TRANSMITTER	RECEIVER	
		Narrow Band	Wide Band
MA/E33, MI33, MJ33, MT33, MU33 and MZ33	ET-20-A	ER-25-A or C	ER-25-B or D
MA/E36, MD/Y36, MI36, MT36 and MU36	ET-21-A	ER-25-A or C	ER-25-B or D
MA/E42, MI42 MJ42 and MT42	ET-24-A	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
MQ33 PO16 and PO17	ET-20-A ET-23-A	ER-31-C ER-24-A	---
PO25	4ET11A1	---	4ER30B2
PO26	4ET35A10	---	4ER30B2
PO36 PO37 PO42	ET-21-A ET-48-A ET-24-A	ER-25-A or C ER-25-C 4ER26B2 or 40 (Hid Xtal) 4ER26B3 (leashed AFC)	ER-25-B or D ER-25-D 4ER26B1 (AFC)
QA/E33, QI33 and QT33	ET-20-A	ER-25-C	---
QA/E36, QI36 and QT36	ET-21-A	ER-25-C	---
QT13	4ET22A2 or 12	ER-24-A	ER-24-B
RO10	---	ER-24-A	ER-24-B
RO30	---	ER-25-A or C	ER-25-B or D
RO40	---	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
SO16	ET-23-A	ER-24-A	ER-24-B
SO36	ET-21-A	ER-25-A	ER-25-B
TA12, TA13 and TI13	ET-22-A	ER-24-A	ER-24-B
TA32, TA33 and TI33	ET-20-A	ER-25-A or C	ER-25-B or D
TA42 and TI42	ET-24-A	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
TI16 TI26 TI36	ET-23-A ET-35-A ET-21-A	ER-24-A ---	ER-24-B 4ER30B2 ER-25-D
TO10	---	ER-24-A	ER-24-B
TO30	---	ER-25-C	ER-25-D
TO40	---	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
VO16 and VO17	ET-23-A	ER-24-A	ER-24-B
VO18	ET-8-E (ET-23-A + EF-2-A)	ER-24-A	ER-24-B
VO19	ET-25-A (ET-23-A + EF-4-A)	ER-24-A	ER-24-B
VO25	4ET11A1	---	4ER30B2
VO26	4ET35A10	---	4ER30B2
VO36 VO37 VO38	ET-21-A ET-48-A ET-9-C (ET-21-A + EF-1-A)	ER-25-A or C ER-25-C ER-25-A or C	ER-25-B or D ER-25-D ER-25-B or D
VO39	ET-26-A (ET-21-A + EF-5-A)	ER-25-C	ER-25-D
VO42	ET-24-A	4ER26B2 or 40 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
VO48	ET-27-A (ET-24-A + EF-6-A)	4ER26B2 (Hid Xtal) 4ER26B3 (leashed AFC)	4ER26B1 (AFC)
WA/E13	ET-22-A	ER-24-A	ER-24-B
WA/E33, WF133, WI33 and WTA/E33	4ET20A2 or 12	---	ER-25-B or D
WF136 and WI36	4ET21A2 or 12	---	4ER25D2 or 12
WTA/E13	ET-22-A	ER-24-C (Med. Band)	---
WTA/E42	4ET24A2 or 12	4ER26B2 or 12 (Hid Xtal)	---

TPL, GENERAL ELECTRIC

DESCRIPTION OF COMBINATIONS

New lines of Two-Way Radio equipment are being identified by 7-digit Combination Numbers, prefixed by "EU" (see example below). The characteristics specified by each character in the Combination Number are explained in the example. Some characters may be omitted on the nameplate, where they are not essential to the identification of the transmitter-receiver on which the number is stamped.

1	MECHANICAL PACKAGE	2	SYSTEM VOLTAGE & DUTY CYCLE	3	RF POWER OUTPUT
E	PACER Front-Mount Mobile or ACCENT 450 Mobile	E	TPL 12-VDC, intermittent	0	Receiver only
F	TPL Front-Mount Mobile	G	PACER or ACCENT 450 12-VDC, intermittent	1	Less than 0.5 watt
R	TPL Trunk-Mount Mobile	S	117-VAC, intermittent	2	0.5 to 1.0 watt
T	TPL 2-Unit Mount Mobile			3	1 to 3 watts
Z	PACER Desk Station			4	4 to 15 watts
				5	16 to 35 watts
				6	36 to 70 watts
				7	71 to 120 watts
				8	121 to 275 watts
				9	Over 276 watts

Example: (EU) FE 53 JA 6

4	CHANNEL SPACING	5	AUDIO & CONTROL ACCESSORIES	6	No. of FREQ.		7	OUTPUT FREQUENCY
					XMTR	RCVR		
0	No significance or xmtr only	C	Channel Guard	A	1	1	1	25 to 33 MC (27 to 37 MC for PACER)
1	10-15 KC	J	Mil. mike & 2-W spkr	B	2	1	2	33 to 42 MC
2	20 KC	K	Mil. mike & 10-W spkr	C	2	2	3	42 to 49.5 MC (37 to 50 MC for PACER)
3	30 KC	L	Handset & 2-W spkr	D	4	4		
4	40 KC	N	2-watt speaker	E	-	1		
5	50 KC	P	10-watt speaker	F	-	2		
6	60 KC	S	Standard	ACCENT 450 only			5	130 to 150 MC
8	50 KC	U	Local-control Desk station	F	Front Mount		6	150 to 174 MC
9	90 KC and above			T	Trunk Mount		8	450 to 470 MC

PACER and ACCENT 450

TRANSMITTERS & RECEIVERS USED IN COMBINATIONS

TPL									
FREQ. RANGE	"EU" NUMBER							TRANSMITTER TYPE	RECEIVER TYPE
	1	2	3	4	5	6	7		
Lo - Band	F	E	O	2 4	N or P	E or F	1	---	ER-32-A ER-32-B
	F R or T	E	5	2 4	J K or L	A B C or D	2 or 3	ET-38-A ET-38-B	ER-32-A ER-32-B
			7	2 4				ET-39-A ET-39-B	ER-32-A ER-32-B
Hi - Band	F	E	O	3 6	N or P	E or F	5	---	ER-31-A or C ER-31-B or D
	F R or T	E	4	3 6	J	A	or 6	ET-32-A or C ET-32-B or D	ER-31-A or C ER-31-B or D
			5	3 6	K	B		ET-33-A or C ET-33-B or D	ER-31-A or C ER-31-B or D
			6	3 6	or L	C		ET-37-A ET-37-B	ER-31-A ER-31-B
			7	3 6		D		ET-34-A or C ET-34-B or D	ER-31-A or C ER-31-B or D

GENERAL ELECTRIC PACER									
Lo-Band Mobile	E	G	4	2	S	A B or C	1 or 3	TRANSMITTER-RECEIVER TYPE ES-28-A	
Lo-Band Station	Z	S			U			3	TRANSMITTER-RECEIVER TYPE ES-29-A
Hi-Band Mobile	E	G	4	3	S	A B or C	6	TRANSMITTER-RECEIVER TYPE ES-27-A	
Hi-Band Station	Z	S			U				

ACCENT 450									
450-470 MC Mobile	E	G	4	8	S or C	F or T	8	TRANSMITTER-RECEIVER TYPE ES-31-A	

PERSONAL

DESCRIPTION OF COMBINATIONS

New lines of Two-Way Radio equipment are being identified by 7-digit Combination Numbers, prefixed by "EU" (see example below). The characteristics specified by each character in the Combination Number are explained in the example. Some characters may be omitted on the nameplate, where they are not essential to the identification of the transmitter-receiver on which the number is stamped.

1	MECHANICAL PACKAGE	2	SYSTEM VOLTAGE & DUTY CYCLE	3	RF POWER OUTPUT
C	MESSAGE MATE Personal Receiver	B	Dry battery	0	Receiver only
G	Pocket Case without Clip for VOICE MATE	N	Rechargeable battery	3	100 milliwatts
P	Personal Case with Handle for VOICE COMMANDER			5	500 milliwatts
S	Pocket Case with Clip for VOICE DIRECTOR			6	1 watt

Example: (EU) PN 63 UA 6

4	CHANNEL SPACING	5	AUDIO & CONTROL ACCESSORIES	6	No. of FREQ.		7	OUTPUT FREQUENCY
					XMTR	RCVR		
0	No significance or xmtr only	U	Speaker with control relay	A	1	1	1	25 to 33 MC
2	20 KC	W	Lapel Speaker	B	2	1	2	33 to 42 MC
3	30 KC	X	Earpiece				3	42 to 54 MC
4	40 KC	Y	No Audio Accessories	E	-	1		
6	60 KC	Z	Loudspeaker	F	-	2		
				J	1	-	5	132 to 150 MC (150 to 162 MC for MESSAGE MATE)
				K	2	-	6	150 to 174 MC (162 to 174 MC for MESSAGE MATE)

RADIO LINES

TRANSMITTERS & RECEIVERS USED IN COMBINATIONS

VOICE DIRECTOR

FREQ. RANGE	"EU" NUMBER							TRANSMITTER TYPE	RECEIVER TYPE
	1	2	3	4	5	6	7		
Lo-Band	S	B	O	2	W or X	E	1,2 or 3	---	ER-34-A or ER-38-A
Hi-Band	S	B	O	³ / ₆	W or X	E	5 or 6	---	ER-33-A or ER-37-A ER-33-B or ER-37-B

MESSAGE MATE

Lo-Band	C	B or N	O	2	Z	E	1,2 or 3	---	ER-36-A
Hi-Band	C	B or N	O	3	Z	E	⁵ / _{or 6}	---	ER-35-A

VOICE MATE

Hi-Band	G	B or N	5	O	Y	J or K	⁵ / _{or 6}	ET-50-B	---
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VOICE COMMANDER

Lo-Band	P	B or N	6	2	U	A or B	1,2 or 3	ET-53-A	ER-38-A
Hi-Band	P	B or N	6	³ / ₆	U or Z	A or B	⁵ / _{or 6}	ET-42-B or ET-52-B ET-42-A or ET-52-B	ER-33-A or ER-37-A ER-33-B or ER-37-B

MOBILE TELEPHONE SERVICE

(See pages 2 and 3 for other MTS combinations.)

MOBILES (Simplex and Duplex)

"EU" NUMBER							TRANSMITTER MODEL	RECEIVER MODEL
1	2	3	4	5	6	7		
D Simultaneous Duplex	T 12-VDC Transistorized Power Supply, 20-30 watt	D 2-Way Dial O Manual	2 or 3 Narrow Band 5 or 6 Wide Band	D Complete (for End User) C Less Dial, Handset & Antenna (for Common Carrier)	A 2-Channel w. 1 set of xtals B 2-Channel w. 2 sets of xtals C 1-Channel w. 1 set of xtals D 5-Channel w. 1 set of xtals E 5-Channel w. 2 sets of xtals G 5-Channel w. 3 sets of xtals H 5-Channel w. 4 sets of xtals J 5-Channel w. 5 sets of xtals K 4-Channel w. 1 set of xtals M 4-Channel w. 2 sets of xtals N 4-Channel w. 3 sets of xtals P 4-Channel w. 4 sets of xtals	1 25-30 MC 2 30-42 MC 3 42-54 MC 6 150-174 MC 8 450-470 MC	4ET22A1 or 11 4ET22A2 or 12 4ET22A3 or 13 Simplex 4ET20A2 or 12 Duplex 4ET20A13 4ET24A2 or 12	4ER24A1 or 11 4ER24A2 or 12 4ER24A2 or 12 Simplex 4ER25C4 or 14 Duplex 4ER25E10 (NB) 4ER25F10 (WB) 4ER26B2 or 12

BASE STATIONS

B MTS Base Station	O RF-sealed floor-mount cabinet P pole-mount weatherproof cabinet V 69" floor-mount cabinet	1 25-54 MC 3 130-174 MC	0 less xmtr 7 60-80 watts RF power 9 250-330 watts RF power	C xmtr & rcvr R rcvr only T xmtr only	M MTS or UHF Maritime Service	2 30-40 MC 6 151-174 MC	4ET23A14 4ET48A14	4ER24C13 4ER25C16
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