

# FM 24-12

WAR DEPARTMENT FIELD MANUAL

## ARMY EXTRACT OF COMBINED OPERATING SIGNALS (CCBP 2-2)

(SECOND EDITION)

**RESTRICTED.** DISSEMINATION OF RESTRICTED MATTER.—The information contained in restricted documents and the essential characteristics of restricted material may be given to any person known to be in the service of the United States and to persons of undoubted loyalty and discretion who are cooperating in Government work, but will not be communicated to the public or to the press except by authorized military public relations agencies. (See also par. 23b, AR 380-5, 15 Mar. 44.)

WAR DEPARTMENT • 1 SEPTEMBER 1944

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*This manual supersedes FM 24-12, 5 April 1943, including C 1, 15 March 1944*

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RESTRICTED

WAR DEPARTMENT,  
WASHINGTON 25, D. C., 1 September 1944.

FM 24-12, Army Extract of Combined Operating Signals (CCBP 2-2), Second Edition, is published for the information and guidance of all concerned.

This publication is approved for Combined, Joint and intra-U.S. Army use, effective 1 September 1944.

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BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL,  
*Chief of Staff.*

OFFICIAL:

J. A. ULIO,  
*Major General,  
The Adjutant General.*

**DISTRIBUTION:**

- As prescribed in paragraph 9a, FM 21-6 except D(3); B(5); R 1, 2, 4-7, 17, 18, 44(6); Bn 1, 11(4), 18(2), 19(3); IC 2-10, 17-19, 44, 55, 71(3), 11(10).
- IC 2: T/O & E 2-22; 2-26; 2-27; 2-28;
- IC 3: T/O & E 3-26; 3-27; 3-267;
- IC 4: T/O & E 4-37; 4-46; 4-47; 4-50-1S; 4-62; 4-66; 4-67; 4-69; 4-87; 4-104; 4-152; 4-156; 4-157; 4-232; 4-240-1S; 4-260-1; 4-276; 4-277;
- IC 5: T/O & E 5-16; 5-17; 5-192; 5-517S; 5-216; 5-217; 5-226; 5-227; 5-228; 5-276; 5-400, Engr Avn Topographic Co; 5-417; 5-512S;
- IC 6: T/O & E 6-10-1; 6-12; 6-20-1; 6-27; 6-29; 6-36; 6-77; 6-127; 6-129; 6-160-1; 6-166; 6-167; 6-176; 6-200-1; 6-212S; 6-270-1T; 6-277T; 6-327; 6-329; 6-359; 6-367;
- IC 7: T/O & E 7-12; 7-16; 7-19; 7-22; 7-23; 7-26; 7-27; 7-72T; 7-76T; 7-86; 7-96;
- IC 8: T/O & E 8-76; 8-77;
- IC 9: T/O & E 9-66; 9-67;
- IC 10: T/O & E 10-36; 10-37;
- IC 11: T/O & E 11-7; 11-47; 11-57; 11-77; 11-87S; 11-97; 11-147S; 11-217; 11-237; 11-247; 11-257; 11-267; 11-287; 11-297; 11-400, Sig Aircraft Warning Co.; 11-416S(516); 11-418S(516); 11-437; 11-450-1; 11-460-1S; 11-488S; 11-537S; 11-547; 11-557; 11-677S;

IC 17: T/O & E 17-2; 17-3; 17-12; 17-13; 17-14; 17-16; 17-19;  
17-22; 17-26; 17-36; 17-37; 17-46S; 17-49S 17-56; 17-60-1;  
17-116; 17-126;

IC 18: T/O & E 18-27; 18-28; 18-37;

IC 19: T/O & E 19-36; 19-37; 19-56; 19-57; 19-500;

IC 44: T/O & E 44-1-1S; 44-1-3S; 44-7; 44-10-1; 44-10-2S;  
44-12; 44-16; 44-17; 44-26; 44-27; 44-76; 44-77; 44-138;

IC 55: T/O & E 55-47;

IC 71: T/O & E 71-10-1S.

For explanation of symbols, see FM 21-6.

## RESTRICTED

*This manual supersedes FM 24-12, 5 April 1943, including C 1, 15 March 1944.*

1. *General.*—*a.* This manual is an extract of Combined Operating Signals marked "Army" and US Joint Operating Signals marked "US Army" from CCBP 2-2 (including Change 1) which, upon effective date of 1 September 1944, replaces FM 24-11 (CCBP 2), dated 17 January 1943. This manual will be carried by all radiotelegraph (W/T) stations of the Army.

*b.* Holders of Operating Signals:

- (1) CCBP 2-2 is held by permanent Communication Centers and Warships.
- (2) Operating Signals marked "Army" in the NOTES column of CCBP 2-2 are contained in an Army Extract held by Army Field Stations.
- (3) Operating Signals marked "Air" in the NOTES column of CCBP 2-2 are contained in an Air Extract carried by aircraft.

*c.* These Operating Signals, except those marked "US Army" are prescribed for combined use. Except when otherwise indicated, these signals may be used in all forms of signaling, and will always be used with combined communications procedures.

*d.* Operating Signals marked "US", "US Air", or "US Army" in this manual are for use only by U. S. Forces as indicated.

*e.* Operating Signals marked "INL" are extracted from the "International 'Q' Code."

f. Signals "QEA" to "QEZ" inclusive have been reserved by the Combined Communications Board for use by Theater Commanders for assignment of temporary or emergency meanings. These meanings when assigned will apply only within the theater concerned.

g. Appendixes are included for convenience, listing the following information:

(1) Appendix A—Phonetic pronunciation—phonetic alphabet.

(2) Appendix B—List of Prosigns.

2. *Instructions.*—a. "INT"\* preceding Operating Signals indicates that the matter to follow is in the form of a question. Where ambiguity might thus arise, the exact form of the question is shown under the column headed "QUESTION". The signal "QQZ" may precede another signal to give a negative sense in cases where a signal with the desired negative meaning is not listed.

*Examples*

- (1) "INT QYC A2D" means "Are you in communication with A2D?"
- (2) The reply "QYC A2D" means "I am in communication with A2D."
- (3) But "QQZ QYC A2D" means "I am NOT in communication with A2D".

\*NOTE.—When Operating Signals from the "International 'Q' Code" are used in communications with merchant ships and civil stations, "IMI" following an Operating Signal is used in lieu of "INT" preceding the Operating Signal.

b. In some cases a numeral is used in conjunction with an Operating Signal to complete its meaning.

*Example*

“QCO2” means “Your note is Bad.”

c. Blanks in the meanings of Operating Signals will be completed by the addition of appropriate call signs, time groups, numeral groups, or letters indicating frequency, etc. Plain language words are prohibited except in emergency or when no other method is provided to complete the meaning of an Operating Signal. It is optional to fill in blanks inclosed in brackets. Data for blanks shall appear in the same order as the blanks in the meaning of the signal.

*Examples*

- (1) “QWC A2D 6F2 Ø83ØZ” means “A2D has been unable to communicate 6F2 since Ø83ØZ.”
- (2) “QMR 161718Z A2D” means “Retransmit message 161718Z to A2D.”
- (3) “QJS3” means “The readability of your signals is 3”.

d. When a frequency has to be inserted, a code letter or number may be employed instead.

*Example*

“QYF D”, means “I am about to shift receiver to ‘D’ frequency.”  
 (“D” is a prearranged frequency.)

e. Types of emission (wave) will be indicated by the International Abbreviations, which are:

A1 for CW.

A2 for MCW.

A3 for voice (R/T).

B for spark.

*Example*

“QLO A3” means “Use ‘voice (R/T).’”

*f. Signal Strength and Readability.*

- (1) Signal strength is indicated by means of an appropriate Operating Signal, followed by a numeral. The significance of the numeral is as follows:
  - 1—Scarcely perceptible
  - 2—Weak
  - 3—Fairly good
  - 4—Good
  - 5—Very good
- (2) Readability is indicated by means of an appropriate Operating Signal, followed by a numeral. The significance of the numeral is as follows:
  - 1—Unreadable
  - 2—Readable now and then
  - 3—Readable, but with difficulty
  - 4—Readable
  - 5—Perfectly readable

*g. Operating Signals may be used in messages to convey information not covered by the use of prosigns. They are normally used in the transmission instructions, message instructions, and final instructions as outlined in Combined Radiotelegraph (W/T) Procedure (FM 24-10).*

*h. Operating Signals ordering or indicating a change of frequency are to be answered before the frequency is changed unless the “F” method is in use.*

*3. Security of Operating Signals.—a. These Operating Signals possess no security and must be regarded as the equivalent of plain language. This must be borne in mind by all users and great care must be taken to avoid giving away information of value to the enemy.*

b. Local arrangements may be made to recode the Operating Signals in order to give them some degree of security.

### NOTES

1. The operating Signals in this publication have been arranged into two parts; the Encode part on the odd numbered pages facing the front of the book and the Decode part on the even numbered pages facing the back of the book.

2. The Encode part is divided into twelve sections which are indicated on the tabs. Some of these sections are subdivided, and these subdivisions are indicated by center headings.

3. The Decode part appears in alphabetical order. The letters on the tabs indicate the position of their respective blocks of signals and are identified by the middle letter of the signal.

4. A letter in the Notes column opposite each Operating Signal in the Decode, corresponds to the letter appearing on the tab of the Encode section in which the Operating Signal appears. This facilitates rapid cross reference between Decode and Encode sections.

### *Example*

QMO is received by an operator; referring to QMO in the Decode he notes the meaning and the letter 'Q' in the Notes column. Turning to tab 'Q' the Operating Signal QMO is found in the Encode section "Messages" and also QPO which is the answer to QMO.

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
• QAT	Shall I continue to send?	Listen before sending; you are interfering. Or: Listen before sending; you are sending at the same time as —.	AIR ARMY INL V
QCA		You are causing delay by your slowness in answering.	AIR ARMY INL T
QCB		You are causing delay by answering out of turn.	AIR ARMY INL S
QCN	What is my number and sequence in answering?	Your number is —. Answer after number —. (Numbers to be separated by separative sign).	ARMY E
QCO	How is my note?	Your note is —. (1. Good; 2. Bad; 3. Varies.)	AIR ARMY Y
• QDH	What is causing present interference?	The present interference is caused by —.	AIR ARMY INL V

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
<b>AUTHN AUTHENTICATION</b>			
QPA		Authentication challenge is — (based on time in the zone indicated by the suffix letter —).	AIR ARMY
QKA		Authentication of this message or transmission (or message —) is —.	AIR ARMY
QJA		Authentication of my last transmission (or message —) is —. (1. Correct; 2. Incorrect. Correct authenticator is —).	AIR ARMY
QIA		Check your authentication of last transmission (or message —).	AIR ARMY
QHA		You are using authenticator incorrectly; — (1. Verify cipher set-up; 2. Place authenticator in proper part of transmission).	AIR ARMY
QMA		Authenticate transmissions (—) (1. On all circuits; 2. On this circuit; 3. On — kc/s).	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
*QE			

\*Theater Spares—Assigned Only by Authority of Local Theater Commanders.

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
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**AUTHN**

**AUTHENTICATION**

QLA		Authenticate your last message (or message —). (When an authenticator system is not in force, the reply to this operating signal will be a coded or ciphered message.)	ARMY

**CRYPTOGRAPHING**

QJM		Check encipherment (cryptographing) of message — (or portions indicated) and repeat.	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
*QE			

\*Theater Spares—Assigned Only by Authority of Local Theater Commanders.

## CALLING

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QRZ	Who is calling me?	You are being called by —.	AIR ARMY INL
QRW	Shall I tell — that you are calling him (on — kc/s)?	Tell — that I am calling him (on — kc/s.)	AIR ARMY INL
QOC		Answer in proper order of call signs.	ARMY
QNC	When shall I call you again on present frequency (or on — kc/s)?	Call me again at — on present frequency (or on — kc/s.)	AIR ARMY
QJC	When will you call me again on present frequency (or on — kc/s)?	I will call you again at — on present frequency (or on — kc/s.)	AIR ARMY
QKF		Answer me (or —) on — kc/s.	AIR ARMY
QLC		Substitute code sign (call sign) of control station of group (net) in place of this operating signal.	ARMY
QCN	What is my number and sequence in answering?	Your number is —. Answer after number —. (Numbers to be separated by separative sign).	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QHA		You are using authenticator incorrectly; ——. (1. Verify cipher set-up; 2. Place authenticator in proper part of transmission.)	AIR ARMY A
QHD	What is cause of delay (or of bad transmission)?	Delay (or bad transmission) due to ——.	AIR ARMY I
QHF		Your frequency is slightly (or —— kc/s) high.	AIR ARMY J
QHI		Now, until further orders (or until ——).	AIR ARMY N
QHK		Make preliminary call before transmitting traffic.	ARMY R
QHL		From —— until ——.	AIR ARMY N
QHO		I am (or —— is) unable to use ——.	ARMY I
QHP		At ——.	AIR ARMY N
QHR		Inform me when this message (or message ——) has been received by addressee(s) (or by ——).	ARMY P

## COMMUNICATION

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
<b>QXC</b>	When was I (or —) last heard?	Nothing heard from you (or —) (since —).	AIR ARMY
<b>QYC</b>	Are you (or is —) in communication with — (by —)?	I am (or — is) in communication with — (by —).	ARMY
<b>QWC</b>	Did you (or —) hear — (at —)?	I have (or — has) been unable to communicate with — (since —).	AIR ARMY
<b>QQF</b>	On what frequency do you hear me best?	I hear you best on — kc/s.	ARMY
<b>QOG</b>		Assume W/T (Radiotelegraph) organization — forthwith (or at —).	ARMY
<b>QNG</b>		Resume normal W/T (Radiotelegraph) communication now (or at —).	AIR ARMY
<b>QKC</b>	Shall I send by — (1. Direct (R) Method; 2. Broadcast (F) Method; 3. Intercept (I) Method; 4. Repeat Back (G) Method (with —))?	Send by — (1. Direct (R) Method; 2. Broadcast (F) Method; 3. Intercept (I) Method; 4. Repeat Back (G) Method (with —)).	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QIA		Check your authentication of last transmission (or message ——).	AIR ARMY A
QID	Is your —— faulty?	My —— is faulty.	AIR ARMY I
QIO		You are (or —— is) causing interference by inattention to order to wait.	AIR ARMY S

**MISC**

**EQUIPMENT**

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QLO	Shall I use ——?	Use ——.	AIR ARMY
QLE		——. (1. Radio; 2. Visual; 3. Telegraph; 4. Teletypewriter; (teleprinter); 5. Telephone).	AIR ARMY
QOE		——. (1. Receiver; 2. Transmitter; 3. Power supply; 4. Antenna system).	AIR ARMY

**DELAYS AND DEFECTS**

QJD	Does my —— appear to be faulty?	Your —— appears to be faulty.	AIR ARMY
QID	Is your —— faulty?	My —— is faulty.	AIR ARMY
QHD	What is cause of delay (or of bad transmission)?	Delay (or bad transmission) due to ——.	AIR ARMY
QHO		I am (or —— is) unable to use ——.	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QJA		Authentication of my last transmission (or message —) is — (1. Correct; 2. Incorrect. Correct authenticator is —).	AIR ARMY A
QJC	When will you call me again on present frequency (or on — kc/s)?	I will call you again at — on present frequency (or on — kc/s).	AIR ARMY E
QJD	Does my — appear to be faulty?	Your — appears to be faulty.	AIR ARMY I
QJG	Who is controlling station (NCS) on this frequency (or — kc/s)?	I am (or — is) controlling station (NCS) on this frequency (or — kc/s).	ARMY L
QJM		Check encipherment (cryptographing) of message — (or portions indicated and repeat).	AIR ARMY E
QJR		Message — was received by the addressee(s) (or by —) at —.	ARMY P
QJS	What is the readability of my (or —) signals (1 to 5)?	The readability of your (or —) signals is — (1 to 5).	ARMY Y
QJW		Keep continuous watch until further notice (on — kc/s).	AIR ARMY L
QJZ		Stand by.	ARMY N

# FREQ

## FREQUENCY, FREQUENCY ADJUSTMENTS

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
OMF	How does my frequency check?	Your frequency is correct.	AIR ARMY
QHF		Your frequency is slightly (or — kc/s) high.	AIR ARMY
QLF		Your frequency is slightly (or — kc/s) low.	AIR ARMY
QZF	Shall I zero beat (tune) my transmitter to your frequency (or to the frequency of —)?	Zero beat (tune) your transmitter to my frequency (or to the frequency of —).	AIR ARMY
QWF	Will you send tuning signal on your present frequency (or on — kc/s) for one minute, or until $\overline{AS}$ is given?	Am about to send tuning signal on my present frequency (or on — kc/s).	AIR ARMY
QNF	Shall I change to normal frequency (or to — kc/s)?	Change to normal frequency (or to — kc/s).	AIR ARMY
QRH	Does my frequency vary?	Your frequency varies.	ARMY INL

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QKA		Authentication of this message or transmission (or message —) is —.	AIR ARMY A
QKC	Shall I send by — (1. Direct (R) method; 2. Broadcast (F) method; 3. Intercept (I) method; 4. Repeat Back (G) method (with —))?	Send by — (1. Direct (R) method; 2. Broadcast (F) method; 3. Intercept (I) method; 4. Repeat Back (G) method (with —)).	AIR ARMY H
QKF		Answer me (or —) on — kc/s.	AIR ARMY E
QKG	Is it necessary to obtain the permission of the controlling station (NCS) before transmitting messages?	It is necessary to obtain the permission of the controlling station (NCS) before transmitting messages.	AIR ARMY L

FREQUENCY, FREQUENCY ADJUSTMENTS—Continued

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QOF		I am changing to normal frequency (or to ——— kc/s)	AIR ARMY
QYF		I am about to shift receiver to ——— kc/s.	AIR ARMY
QMH		Shift to transmit and receive on ——— (frequency). If communication is not established within ——— minutes, shift back to present frequency.	AIR ARMY
QSW	Will you send on ——— kc/s and/or on waves of type A1, A2, A3, or B?	I am going to send on ——— kc/s and/or on waves of type A1, A2, A3, or B.	AIR ARMY INL

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QLA		Authenticate your last message (or message —). (When an authenticator system is not in force, the reply to this operating signal will be a coded or ciphered message.)	ARMY E
QLC		Substitute code sign (call sign) of control station of group (net) in place of this operating signal.	ARMY E
QLE		— (1. Radio; 2. Visual; 3. Telegraph; 4. Teletypewriter (teleprinter); 5. Telephone.)	AIR ARMY I
QLF		Your frequency is slightly (or — kc/s) low.	AIR ARMY J
QLG		Station leaves net temporarily (or for — minutes) (to communicate with —) (will be on — kc/s).	AIR ARMY L
QLO	Shall I use —?	Use —.	AIR ARMY I

# GUARD

# GUARDS

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
<b>QJG</b>	Who is controlling station (NCS) on this frequency (or — kc/s)?	I am (or — is) controlling station (NCS) on this frequency (or — kc/s).	ARMY
<b>QMG</b>		Station reports into the net.	ARMY
<b>QLG</b>		Station leaves net temporarily (or for — minutes) (to communicate with —) (will be on — kc/s).	AIR ARMY
<b>QKG</b>	Is it necessary to obtain the permission of the controlling station (NCS) before transmitting messages?	It is necessary to obtain the permission of the controlling station (NCS) before transmitting messages.	AIR ARMY
<b>QJW</b>		Keep continuous watch until further notice (on — kc/s).	AIR ARMY
<b>QPW</b>		I am closing down (until —).	ARMY
<b>QQW</b>	What stations are keeping watch on — kc/s (or are in net)?	Following stations are keeping watch on — kc/s (or are in net).	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QMA		Authenticate transmission (—). (1. On all circuits; 2. On this circuit; 3. On — kc/s).	ARMY A
QMF	How does my frequency check?	Your frequency is correct.	AIR ARMY J
QMG		Station reports into the net.	ARMY L
QMH		Shift to transmit and receive on — (frequency). If communication is not established within — minutes, shift back to present frequency.	AIR ARMY K
QMM	Of what precedence and for whom are your messages?	I have (or — has) — messages (numeral indicating number of messages may be followed by O, OP, P, or D to indicate precedence other than routine) for you (or —).	AIR ARMY Q
QMO		Repeat message — (or portion —).	AIR ARMY Q
QMR		Retransmit message — to — (for —). (1. Action 2. Information.)	AIR ARMY W

### GUARDS—Continued

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QPG	Shall I take control of net (for —) (until —).	Take control of net (for —) (until —).	ARMY
QQC		— will answer calls for me (or, for —).	ARMY
QPC		Answer calls for me on present frequency (or on — kc/s).	AIR ARMY
QNW	May I close down (until —)?	Close down (reopen at —).	AIR ARMY
QOW		Will call you again as soon as possible. Am closing down (due to —. (1. Air raid warning; 2. Electric storm; 3. Probable attack by hostile aircraft; 4. To effect repair to equipment.))	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QNC	When shall I call you again on present frequency (or on — kc/s)?	Call me again at — on present frequency (or on — kc/s).	AIR ARMY E
QNF	Shall I change to normal frequency (or to — kc/s)?	Change to normal frequency (or to — kc/s).	AIR ARMY J
QNG		Resume normal W/T (radiotelegraph) communication now (or at —).	AIR ARMY H
QNM		Unable to locate message(s) —. Give further identification data.	AIR ARMY P
QNO		Your (or —) message (—) not received.	AIR ARMY Q
QNR		Act as radio link (relaying station) between me and — (or between — and —).	ARMY W
QNW	May I close down (until —)?	Close down (reopen at —).	AIR ARMY M

## MISCELLANEOUS

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QPZ		Affirmative (Yes).	AIR ARMY
QQZ		Negative (No, Not).	AIR ARMY
QHP		At —.	AIR ARMY
QHL		From — until —.	AIR ARMY
QHI		Now, until further orders (or until —).	AIR ARMY
QVZ		Unable to comply.	AIR ARMY
QYZ		Your light is unreadable. (—). (1. Not trained correctly; 2. Not bright enough; 3. Too bright.)	AIR ARMY
QJZ		Stand by.	ARMY
QQQ		Air raid —. (1. Warning; 2. In progress; 3. All clear.)	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QOC		Answer in proper order of call signs.	ARMY E
QOE		— (1. Receiver; 2. Transmitter; 3. Power supply; 4. Antenna system).	AIR ARMY I
QOF		I am changing to normal frequency (or to — kc/s).	AIR ARMY K
QOG		Assume W/T (Radiotelegraph) organization — forthwith (or at —).	ARMY H
QOM		Transmit only messages of and above precedence — (degree or priority).	AIR ARMY Q
QOW		Will call you again as soon as possible. Am closing down (due to —. (1. Air raid warning; 2. Electric storm; 3. Probable attack by hostile aircraft; 4. To effect repair to equipment).)	ARMY M

## TIME

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
<b>QYT</b>	Request a timing signal now (or at —).	Timing signal will be transmitted now (or at —). The numerals indicating the time will be followed by a five-second dash, terminating exactly at the time indicated.	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QPA		Authentication challenge is — (based on time in the zone indicated by the suffix letter —).	AIR ARMY A
QPC		Answer calls for me on present frequency (or on — kc/s).	AIR M ARMY
QPG	Shall I take control of net (for —) (until —)?	Take control of net (for —) (until —).	ARMY M
QPM		Following message has been read. (Received or intercepted).	AIR ARMY Q
QPO		Following repetition (of —) is made in accordance with your request. (Note: This signal used in reply to QMO).	AIR ARMY Q
QPW		I am closing down (until —).	ARMY L
QPZ		Affirmative (Yes).	AIR N ARMY

# MSGS

# MESSAGES

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QOX		This message may be sent as written by any means except radio (wireless).	AIR ARMY
QYM		This message may be sent as written by any means including radio (wireless).	AIR ARMY
QOY		This message must be sent in cipher if liable to interception or to fall into enemy hands.	AIR ARMY
QHR		Inform me when this message (or message —) has been received by addressee(s) (or by —).	ARMY
QJR		Message — was received by the addressee(s) (or by —) at —.	ARMY
QQL		This message (or message —) is being (or has been) repeated for information to you (or to —).	ARMY
QNM		Unable to locate message(s) —. Give further identification data.	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QQC		— will answer calls for me (or for —).	ARMY M
QQF	On what frequency do you hear me best?	I hear you best on — kc/s.	ARMY H
QQK		Report disposal of message —.	AIR ARMY Q
QQL		This message (or message —) is being (or has been) repeated for information to you (or to —).	ARMY P
QQM		This message is an exact duplicate of a message previously transmitted.	ARMY Q
QQQ		Air raid —. (1. Warning; 2. In progress; 3. All clear.)	AIR ARMY N
QQS	What are signal strengths of group (or —)?	Signal strengths of group are (or of — is) —.	ARMY Y
QQT	Is there any reply to message —?	There is no reply to message —.	AIR ARMY Q

## MESSAGES—Continued

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QVM		This message (or message —) was incompletely received. Portions missed are indicated by the position of QVM in the message.	AIR ARMY
QNO		Your (or —) message (—) not received.	AIR ARMY
QMO		Repeat message — (or portion —).	AIR ARMY
QPO		Following repetition (of —) is made in accordance with your request. ( <i>Note:</i> This signal used in reply to QMO).	AIR ARMY
QQM		This message is an exact duplicate of a message previously transmitted.	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QQU	Can you accept messages for —?	Give me your message. I will dispose of it.	AIR Q ARMY
QQV		Make call signs more distinctly.	AIR T ARMY
QQW	What stations are keeping watch on — kc/s (or are in net)?	Following stations are keeping watch on — kc/s (or are in net).	ARMY L
QQX		This message may be sent as written by any means except radio (wireless).	AIR ARMY P
QQY		This message must be sent in cipher if liable to interception or to fall into enemy hands.	AIR ARMY P
QQZ		Negative (No, Not).	AIR N ARMY

### MESSAGES—Continued

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QMM	Of what precedence and for whom are your messages?	I have (or — has) — messages (numeral indicating number of messages may be followed by O, OP, P, or D to indicate precedence other than routine) for you (or —).	AIR ARMY
QOM		Transmit only messages of and above precedence — (degree of priority).	AIR ARMY
QQU	Can you accept messages for —?	Give me your message. I will dispose of it.	AIR ARMY
QQK		Report disposal of message —.	AIR ARMY
QPM		Following message has been read. (Received or intercepted.)	AIR ARMY
QQT	Is there any reply to message —?	There is no reply to message —.	AIR ARMY
QZM	Request you acknowledge message —.	Message (or message —) acknowledged.	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
<b>QRH</b>	Does my frequency vary?	Your frequency varies.	ARMY INL J
<b>QRN</b>	Are you troubled by atmospherics?	I am troubled by atmospherics.	AIR ARMY INL V
<b>QRO</b>	Shall I increase power?	Increase power.	AIR ARMY INL T
<b>QRP</b>	Shall I decrease power?	Decrease power.	AIR ARMY INL T
<b>QRQ</b>	Shall I send faster?	Send faster (— words per minute).	AIR ARMY INL R
<b>QRS</b>	Shall I send more slowly?	Send more slowly (— words per minute).	AIR ARMY INL R
<b>QRU</b>	Have you anything for me?	I have nothing for you.	AIR ARMY INL R
<b>QRW</b>	Shall I tell — that you are calling him (on — kc/s)?	Tell — that I am calling him (on — kc/s).	AIR ARMY INL E
<b>QRZ</b>	Who is calling me?	You are being called by —.	AIR ARMY INL E

## OPRNG

## OPERATING

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QRU	Have you anything for me?	I have nothing for you.	AIR ARMY INL
QRQ	Shall I send faster?	Send faster (— words per minute).	AIR ARMY INL
QRS	Shall I send more slowly?	Send more slowly (— words per minute).	AIR ARMY INL
QHK		Make preliminary call before transmitting traffic.	ARMY
QVF	Shall I send a series of V's on this frequency (or on — kc/s)?	Send a series of V's on this frequency (or on — kc/s).	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QSA	What is the strength of my signals? (1 to 5)?	The strength of your signals is — (1 to 5).	AIR ARMY INL Y
QSD	Is my keying correct; are my signals distinct?	Your keying is incorrect; your signals are bad.	AIR Y ARMY
QSG	Shall I send — message(s) at a time?	Send — message(s) at a time.	AIR ARMY INL S
QSW	Will you send on — kc/s and/or on waves of type A1, A2, A3 or B?	I am going to send on — kc/s and/or on waves of type A1, A2, A3 or B.	AIR ARMY INL K
QSZ	Shall I send each word or group twice?	Send each word or group twice.	AIR ARMY INL S

### OPERATING—Continued

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QSZ	Shall I send each word or group twice?	Send each word or group twice.	AIR ARMY INL
QVY		Repeat back each group of the text of this message as it is transmitted (for visual use only).	AIR ARMY
QSG	Shall I send —— message(s) at a time?	Send —— message(s) at a time.	AIR ARMY INL
QIO		You are (or —— is) causing interference by inattention to order to wait.	AIR ARMY
QCB		You are causing delay by answering out of turn.	AIR ARMY INL

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES

### OPERATING—Continued

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QCA		You are causing delay by your slowness in answering.	AIR ARMY INL
QQV		Make call signs more distinctly.	AIR ARMY
QRO	Shall I increase power?	Increase power.	AIR ARMY INL
QRP	Shall I decrease power?	Decrease power.	AIR ARMY INL
QZZ		Your Operating Signal (made at —) (received as —) —. (1. Not understood; 2. Not held).	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QVF	Shall I send a series of V's on this frequency (or on — kc/s)?	Send a series of V's on this frequency (or on — kc/s).	ARMY R
QVM		This message (or message —) was incompletely received. Portions missed are indicated by the position of QVM in the message.	AIR ARMY Q
QVR		Transmit this message to the addressee(s) indicated by the numeral(s) following —. All addressees are to be counted consecutively as they appear. (Numbers are to be separated by the separative sign).	ARMY W
QVY		Repeat back each group of the text of this message as it is transmitted. (For visual use only).	AIR ARMY S
QVZ		Unable to comply.	AIR ARMY N

### OPERATING—Continued

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QZH		Use CCBP — (Attention is called to Article —).	AIR ARMY
QWO		Listen (out) for voice (R/T).	AIR ARMY

### INTERFERENCE

QRN	Are you troubled by atmospheric?	I am troubled by atmospheric.	AIR ARMY INL
QAT	Shall I continue to send?	Listen before sending; you are interfering, or: Listen before sending. You are sending at the same time as—.	AIR ARMY INL
QDH	What is causing the present interference?	The present interference is	AIR ARMY INL

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QWC	Did you (or —) hear — (at —)?	I have (or — has) been unable to communicate with — (since —).	AIR ARMY H
QWF	Will you send tuning signal on your present frequency (or on — kc/s) for one minute, or until AS is given?	Am about to send tuning signal on my present frequency (or on — kc/s).	AIR ARMY J
QWO		Listen (out) for voice (R/T)	AIR ARMY V
QXC	When was I (or —) last heard?	Nothing heard from you (or —) (since —).	AIR ARMY H

## RELAYS

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QMR		Retransmit message — to —. (for —) (1. action; 2. information).	AIR ARMY
QNR		Act as radio link (relaying station) between me and — (or between — and —).	ARMY
QVR		Transmit this message to the addressee(s) indicated by the numeral(s) following —. All addressees are to be counted consecutively as they appear. (Numbers are to be separated by the separative sign).	ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QYC	Are you (or is —) in communication with — (by —)?	I am (or — is) in communication with — (by —).	ARMY H
QYF		I am about to shift receiver to — kc/s.	AIR ARMY K
QYM		This message may be sent as written by any means including radio (wireless).	AIR ARMY P
QYT	Request a timing signal now (or at —).	Timing signal will be transmitted now (or at —). The numerals indicating the time will be followed by a 5-second dash, terminating exactly at the time indicated.	AIR ARMY O
QYZ		Your light is unreadable. (—); (1. Not trained correctly; 2. Not bright enough; 3. Too bright).	AIR ARMY N

## SIGNAL STRENGTH AND READABILITY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
QSA	What is the strength of my signals? (1 to 5)?	The strength of your signals is — (1 to 5).	AIR ARMY INL
QJS	What is the readability of my (or —) signals (1 to 5)?	The readability of your (or —) signals is — (1 to 5).	ARMY
QQS	What are signal strengths of group (or —)?	Signal strengths of group are (or of — is) —.	ARMY
QSD	Is my keying correct; are my signals distinct?	Your keying is incorrect; your signals are bad.	AIR ARMY
QCO	How is my note?	Your note is —. (1. Good; 2. Bad; 3. Varies.)	AIR ARMY

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES
<b>QZF</b>	Shall I zero beat (tune) my transmitter to your frequency (or to the frequency of —)?	Zero beat (tune) your transmitter to my frequency (or to the frequency of —).	AIR ARMY J
<b>QZH</b>		Use CCBP — (Attention is called to Article —).	AIR ARMY V
<b>QZM</b>	Request you acknowledge message —.	Message (or message —) acknowledged.	AIR ARMY Q
<b>QZZ</b>		Your Operating Signal (made at —) (received as —) —. (1. Not understood; 2. Not held).	AIR ARMY T

SIGNAL	QUESTION	ANSWER OR ADVICE	NOTES

## APPENDIX A—PHONETIC PRONUNCIATION—PHONETIC ALPHABET

Letter	Spoken as—	Letter	Spoken as—	Letter	Spoken as—
A	Able (Afirm).*	J	Jig.	S	Sugar.
B	Baker.	K	King.	T	Tare.
C	Charlie.	L	Love.	U	Uncle.
D	Dog.	M	Mike.	V	Victor.
E	Easy.	N	Nan (Negat).*	W	William.
F	Fox.	O	Oboe (Option).*	X	X-Ray.
G	George.	P	Peter (Prep).*	Y	Yoke.
H	How.	Q	Queen.	Z	Zebra.
I	Item (Interrogatory).*	R	Roger.		

\*Names in parentheses will be used when the U. S. Navy General Signal Book is used.

### PRONUNCIATION OF NUMERALS

Figure	Spoken	Figure	Spoken	Figure	Spoken
0	Zero.	3	Thuh-ree.	7	Seven.
1	Wun.	4	Fo-wer.	8	Ate.
2	Too.	5	Fi-yiv.	9	Niner.
		6	Six.		

## APPENDIX B.—LIST OF PROSIGNS

Prosign	Meaning	Prosign	Meaning
<u>A</u> -----	Originator's sign.	<u>IX</u> -----	Execute to follow.
<u>AA</u> -----	Unknown station.	<u>IX</u> ( <u>5 sec.—</u> )-----	Executive signal.
<u>AA</u> -----	All after.	<u>J</u> -----	Verify and repeat.
<u>AB</u> -----	All before.	<u>K</u> -----	Go ahead.
<u>AR</u> -----	End of transmission.	<u>N</u> -----	Not received or ex- empted.
<u>AS</u> -----	Wait.	<u>NR</u> -----	Station serial number.
<u>B</u> -----	More to follow.	<u>O</u> -----	Urgent.
<u>BT</u> -----	Long break.	<u>OP</u> -----	Operational priority.
<u>C</u> -----	Correct.	<u>P</u> -----	Priority.
<u>D</u> -----	Deferred.	<u>R</u> -----	Received (also rou- tine).
<u>EEEEEEEE</u> -----	Error.	<u>T</u> -----	Transmit to.
<u>F</u> -----	Do not answer.	<u>V</u> -----	From.
<u>G</u> -----	Repeat back.	<u>W</u> -----	For information to.
<u>GR</u> -----	Group(s).	<u>WA</u> -----	Word after.
<u>II</u> -----	Separative sign.		
<u>IMI</u> -----	Repeat.		
<u>INT</u> -----	Interrogatory.		

## CHANGES

When changes are approved by the Combined Communications Board for combined use, or by the Joint Communications Board for respective joint use, or by the Chief of Staff for intra-Army use, they will be entered in this manual; a proper record will be made in the following table.

<i>Record of Entry of Changes</i>				
Change No.	Authority	Entered by— (signature)	Rank or Rating	Date of Entry