

**NEW YORK
MARINE
CADETS
BASIC
MILITARY
COMMUNICATIONS**



Objectives

Teach the Marine Cadet minimum skills needed:

- **To operate basic communication equipment**
- **To transmit and receive messages by wire and radio**

Phonetic Alphabet and Numerals

| | | | | |
|---------------------------------------|----------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|
| A ALFA (AL FAH) | B BRAVO (BRAH VOH) | C CHARLIE (CHAR LEE) | D DELTA (DELL TAH) | E ECHO (ECK OH) |
| F FOXTROT (FOKS TROT) | G GOLF (GOLF) | H HOTEL (HOH TELL) | I INDIA (IN DEE AH) | J JULIETT (JEW LEE ETT) |
| K KILO (KEY LOH) | L LIMA (LEE MAH) | M MIKE (MIKE) | N NOVEMBER (NO VEM BER) | O OSCAR (OSS CAR) |
| P PAPA (PAH PAH) | Q QUEBEC (KEH BECK) | R ROMEO (ROW ME OH) | S SIERRA (SEE AIR RAH) | T TANGO (TANG GO) |
| U UNIFORM (YOU NEE FORM) | V VICTOR (VIK TAH) | W WHISKEY (WISS KEY) | X XRAY (ECKS RAY) | Y YANKEE (YANG KEY) |
| Z ZULU (ZOO LOO) | 1 WUN | 2 TOO | 3 TREE | 4 FOW ER |
| 5 FIFE | 6 SIX | 7 SEV EN | 8 AIT | 9 NIN ER |
| | | 0 ZE RO | | |

Numeral

Pronunciation

| | |
|---------------|--------------------------------|
| 44 | FOW-ER FOW-ER |
| 90 | NIN-ER ZE-RO |
| 136 | WUN TREE SIX |
| 500 | FIFE ZE-RO ZE-RO |
| 1200 | WUN TOO ZE-RO ZE-RO |
| 1478 | WUN FOW-ER SEV-EN AIT |
| 7000 | SEV-EN TOU-SAND |
| 16000 | WUN SIX TOU-SAND |
| 812681 | AIT WUN TOO SIX AIT WUN |

Some Common Prowords Listed Alphabetically

| <u>PROWORD</u> | <u>EXPLANATION</u> |
|--------------------|---|
| ALL AFTER | I refer to all of the message that follows... |
| ALL BEFORE | I refer to all of the message that precedes... |
| BREAK | I now separate the text from other parts of the message. |
| CORRECTION | There is an error in this transmission. Transmission will continue with the last word correctly transmitted. |
| GROUPS | This message contains the number of groups indicated by the numeral following... |
| I SAY AGAIN | I am repeating transmission or part indicated. |
| I SPELL | I shall spell the next word phonetically. |

Prowords (Cont'd)

| | |
|-----------------------|--|
| MESSAGE | A message that requires recording is about to follow. (Transmitted immediately after the call.) This proword is not used on nets primarily employed for conveying messages. It is intended for use when messages are passed on tactical or reporting net. |
| MORE TO FOLLOW | Transmitting station has additional traffic for the receiving station. |
| OUT | This is the end of my transmission to you and no answer is required or expected. |
| OVER | This is the end of my transmission to you and a response is necessary. Go ahead: transmit. |
| RADIO CHECK | What is my signal strength and readability, i.e., How do you hear me? |
| ROGER | I have received your last transmission satisfactorily, radio check is loud and clear. |

Prowords (cont'd)

SAY AGAIN

Repeat all of your last transmission. Followed by identification data means “repeat - (portion indicated).”

THIS IS

This transmission is from the station whose designator immediately follows.

TIME

That which immediately follows is the time or date-time group of the message.

WAIT

I must pause for a few seconds.

WAIT-OUT

I must pause longer than a few seconds.

WILCO

I have received your transmission, understand it, and will comply, to be used only by the addressee. Since the meaning of ROGER is included in that of WILCO, the two prowords are never used together.

WORD AFTER

I refer to the word of the message that follows.

WORD BEFORE

I refer to the word of the message that precedes.

CALL SIGN

PRONUNCIATION

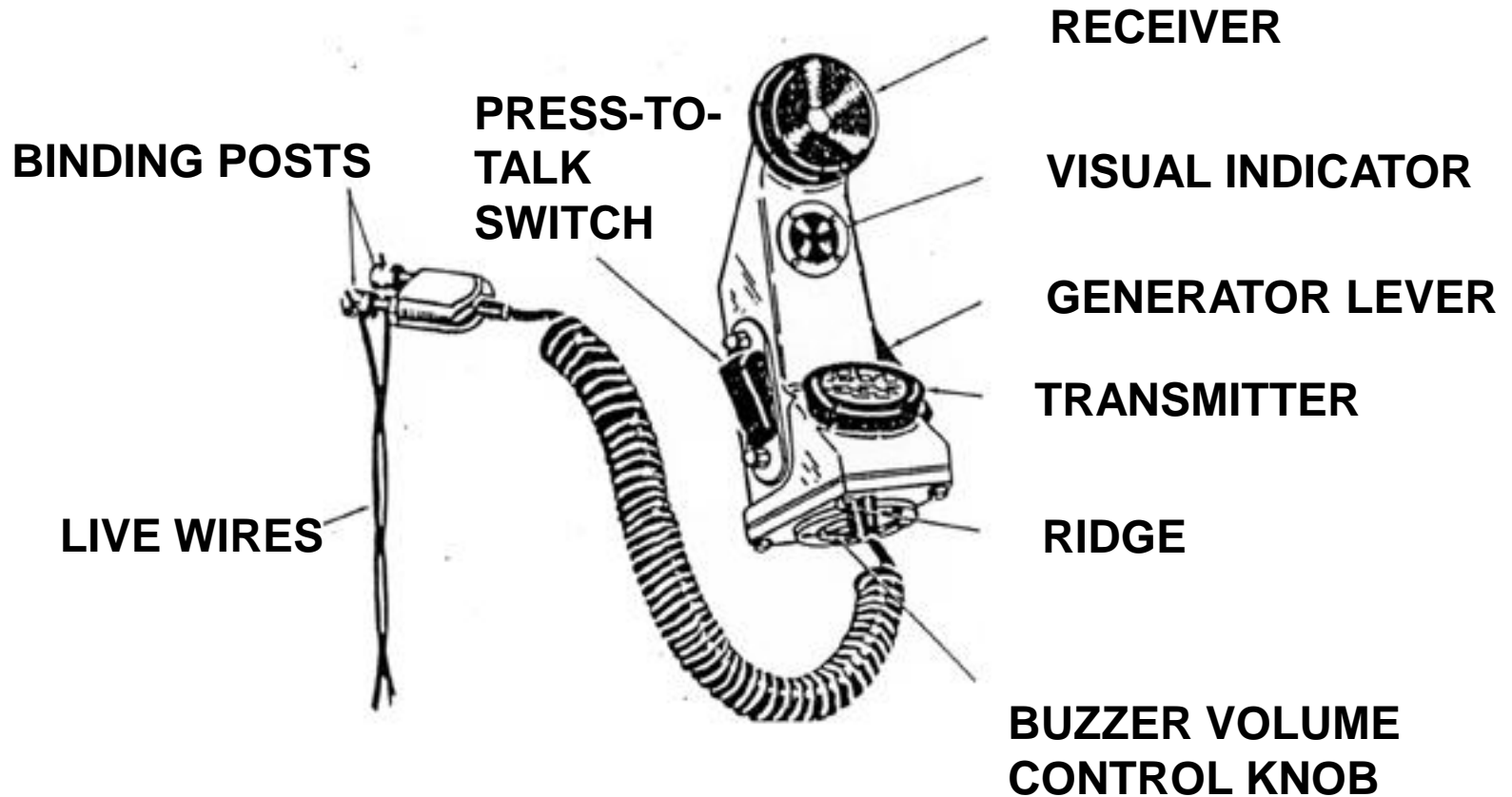
| | |
|--------|--------------------------------------|
| A2D28A | ALPHA TOO DELTA TOO AIT ALPHA |
| C8T11B | CHARLIE AIT TANGO WUN WUN BRAVO |
| L7I09C | LIMA SEVEN INDIA ZERO NINER CHARLIE |
| L7Z09D | LIMA SEVEN ZULU ZERO NINER DELTA |
| B0F07E | BRAVO ZERO FOXTROT ZERO SEVEN ECHO |
| R7G28F | ROMEO SEVEN GOLF TOO AIT FOXTROT |
| T3F07G | TANGO TREE FOXTROT ZERO SEVEN GOLF |
| A6C18H | ALPHA SIX CHARLIE WUN AIT HOTEL |
| S8C15J | SIERRA AIT CHARLIE WUN FIFE JULIETTE |

TELEPHONE NUMBER

PRONUNCIATION

| | |
|---------------|------------------------|
| SERVANT 101 | SERVANT WUN ZERO WUN |
| BLACKJACK 386 | BLACKJACK TREE AIT SIX |
| COBRA 472 | COBRA FOWER SEVEN TOO |

Telephone Set TA-1/PT



Brief Written Message

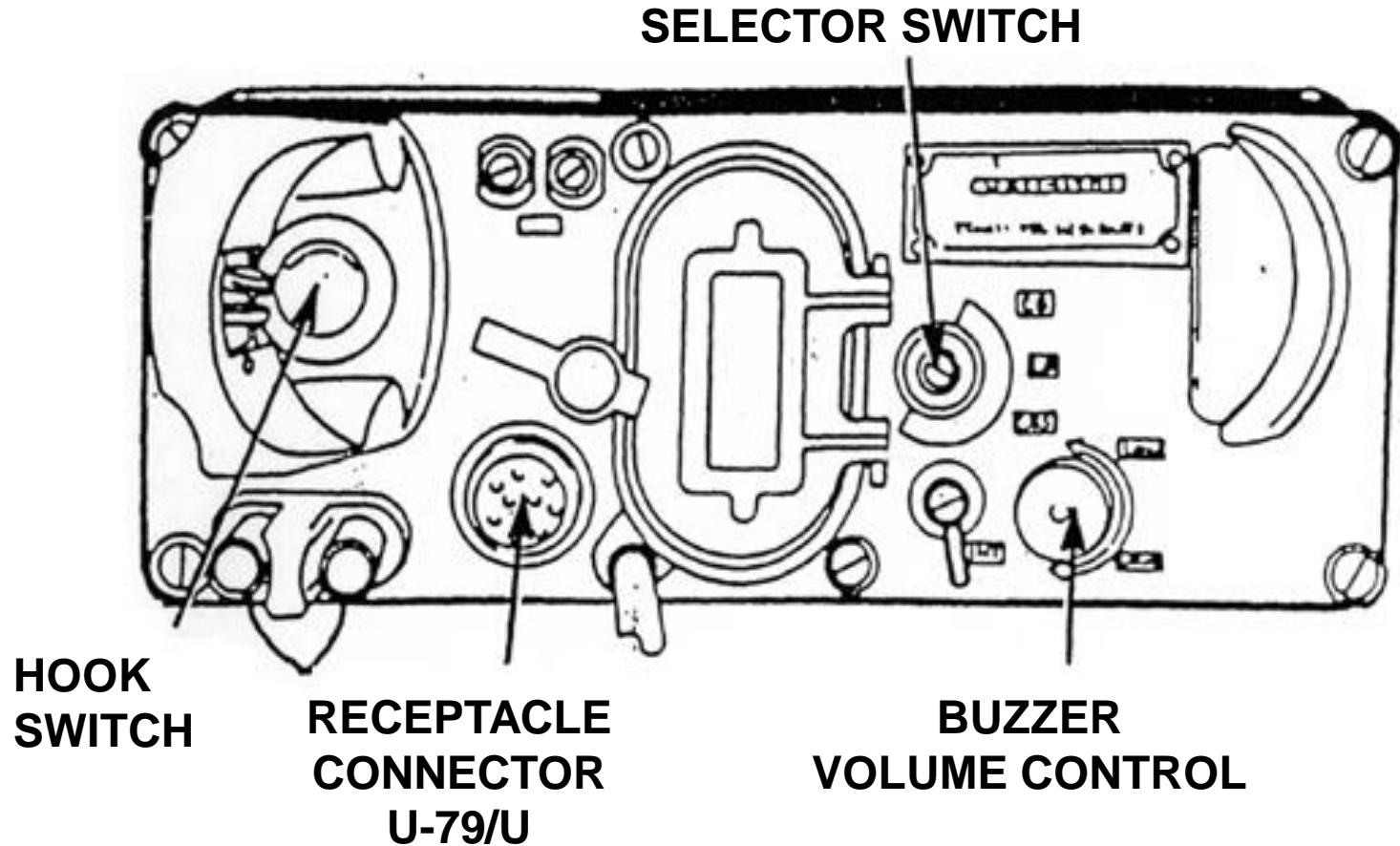
(Telephone rings) blackjack 103

This is blackjack 156 - -

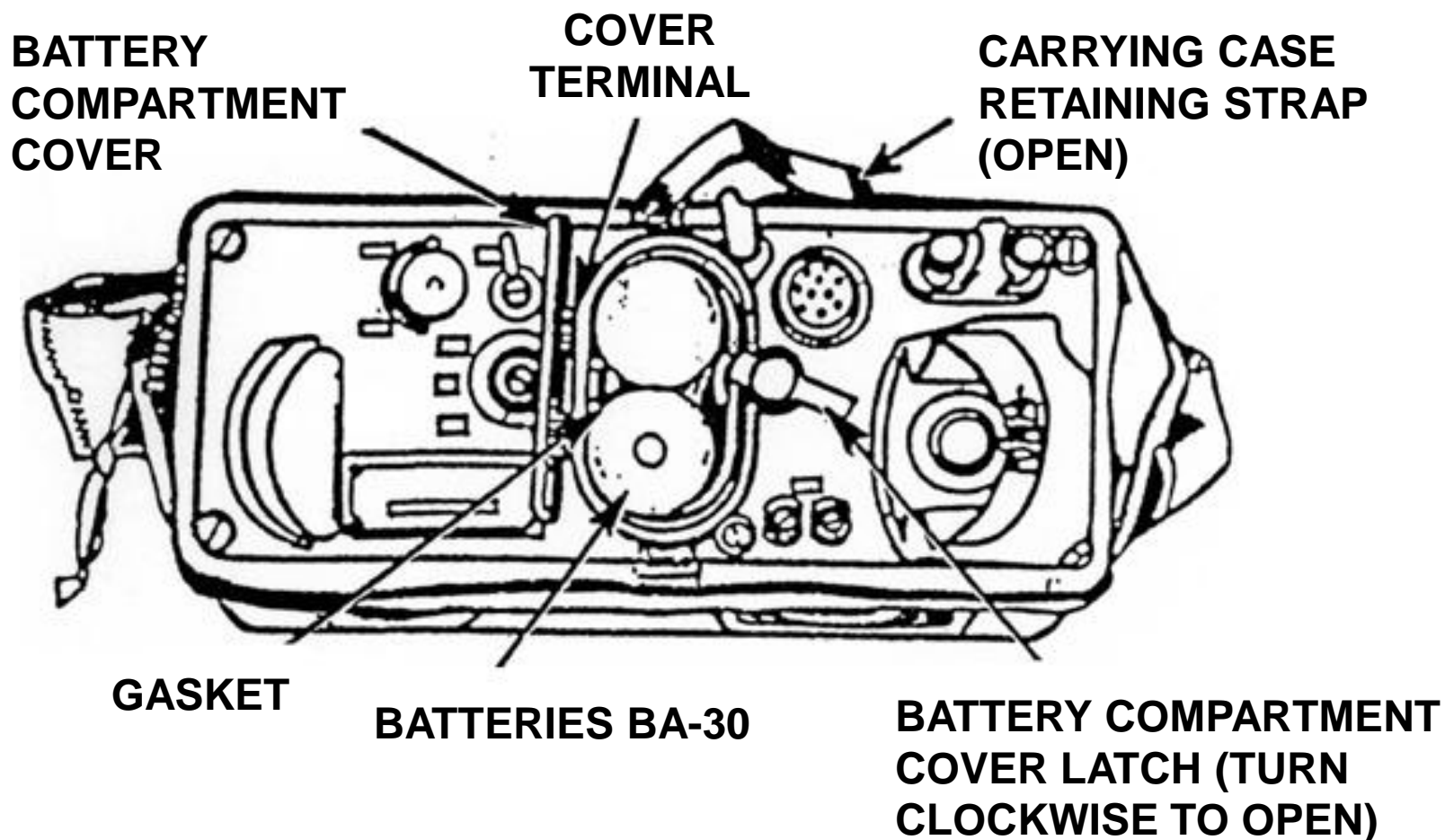
**observe enemy patrol approaching perimeter.
over.**

Continue to observe, out.

Telephone Set TA-312/PT (Top View)



Telephone Set TA-312/PT (Top View with Battery Compartment Open)



Telephone Set TA-312/PT (Side View)

TELEPHONE SET CASE
CY-122B/PT

GENERATOR
HAND RINGING
G-42A/PT

SLIDE FASTENER
(CLOSED)



SNAP FASTENER

BUZZER BZ
23/PT

CARRYING
STRAP

Send a Radio Message

DELTA 8 1 THIS IS ZULU 9 4, MESSAGE, OVER.

THIS IS DELTA 8 1, ROGER, OVER.

**THIS IS ZULU 9 4 - ENEMY RIFLE SQUAD MOVING
SOUTH ALONG WOODLINE, GRID NOVEMBER
ALPHA 772957, I'M CONTINUING TO OBSERVE,
TIME 0920, OVER.**

THIS IS DELTA 8 1, ROGER, OUT.