

# ***CAL FIRE***

## **Butte County Fire Department**

### **Radio Use Program Text Verification Sheet**

I \_\_\_\_\_ verify that  
Print Supervisor's name

\_\_\_\_\_ has completed the  
Print Employee's name

**Radio Use Program Text** self study guide on

\_\_\_\_\_.  
Date

Attached you will find the chapter review questions.

\_\_\_\_\_  
Supervisor's Signature                      Date

\_\_\_\_\_  
Employee's Signature                      Date



# EMERGENCY COMMAND CENTER

## Operations

RADIO USE PROGRAM TEXT

### USING THE MICROPHONE QUESTIONS

1. What two (2) important points were covered in the “Using the Microphone” text section?

a.

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b.

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Turn the page and check your answer, then continue in the text.



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RADIO USE PROGRAM TEXT

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### STONE QUESTIONS

1. Tones are used to \_\_\_\_\_ repeaters.
2. CDF uses \_\_\_\_\_ CTCSS tones.
3. When transmitting direct, \_\_\_\_\_ are not required.

Turn to the next page and check your answers.



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### MOBILE RELAYS QUESTIONS

1. Mobile relays are activated by one of \_\_\_\_\_ (CTCSS) tones.
2. Mountain tops with more than one frequency usually have all the frequencies activated by the \_\_\_\_\_ tone.
3. A mobile relay receives the \_\_\_\_\_ frequency and transmits on the \_\_\_\_\_ frequency.
4. Mobile relays will “time out” after \_\_\_\_\_ second(s).

Turn to the next page and check your answers.



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### DIRECT QUESTIONS

1. Direct signals are transmitted directly on the \_\_\_\_\_ frequency.
2. Describe the range or distance a direct signal can be expected to cover.  
\_\_\_\_\_  
\_\_\_\_\_
3. Direct should be your \_\_\_\_\_ choice for any type of communication, especially on incidents.

Turn to the next page, check your answers and continue.



## MESSAGE FORMULATION QUESTIONS

1. You are Station 21 and you want to call Perris. Your call should be:  
\_\_\_\_\_. Their answer should be:  
\_\_\_\_\_.
2. You are Covelo and you are called by Howard Forest. They should have said:  
\_\_\_\_\_. You should answer:  
\_\_\_\_\_.
3. You are Engine 4581 and you are called by both Camino and Battalion 4514. Camino should have said: \_\_\_\_\_. Battalion 4514 should have said: \_\_\_\_\_. You should answer: \_\_\_\_\_. Or:  
\_\_\_\_\_.
4. What Area is 2461 from?  
\_\_\_\_\_.



## STRUCTURING MESSAGES QUESTIONS

1. The basic principle of message structure is to \_\_\_\_\_.
2. The maximum continuous transmission time should be \_\_\_\_\_ seconds followed by a break of \_\_\_\_\_ seconds or more.
3. Always use \_\_\_\_\_, it is designed to reduce airtime.
4. Give the correct “Clear Text” phrase used to indicate that a unit is at its station:
5. Give two reasons for breaking a message at thirty seconds.
  - a.
  - b.







## **RULES OF RADIO USE QUESTIONS**

1. In order of their use, write the four priorities for radio use:
  - a.
  - b.
  - c.
  - d.
  
2. Why should you “think before pushing the button”?
  - a.
  - b.
  - c.



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Now you write the time designations by the regular times below. The first is done for you.

1 AM is: 0100

2 AM is:

3 AM is:

4 AM is:

5 AM is:

6 AM is:

7 AM is:

8 AM is:

9 AM is:

10 AM is:

11 AM is:

12 Noon is:

1 PM is:

2 PM is:

3 PM is:

4 PM is:

5 PM is:

6 PM is:

7 PM is:

8 PM is:

9 PM is:

10 PM is:

11 PM is:

12 Midnight is:

Look back at the previous page to check your answers.



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RADIO USE PROGRAM TEXT

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Do this page with a partner, if possible, just as the preceding page. This time your partner will read the radio time designations and you will say the regular A.M. and P.M. times. To skip the following section, you must be able to say these correctly within one minute and fifteen seconds. If you are alone, allow yourself two minutes.

PARTNER READS THIS:	AND	CHECKS YOU BY THIS:
17 hundred		5 PM
24 hundred		12 MIDNIGHT
Zero-eight hundred		8 AM
15 hundred		3 PM
10 hundred		10 AM
12 hundred		12 NOON
20 hundred		8 PM
Zero-five hundred		5 AM
22 hundred		10 PM
16 hundred		4 PM
23 hundred		11 PM
13 hundred		1 PM
Zero-five thirty		5:30 PM
Zero-one hundred		1 AM
Zero-three hundred		3 AM
16 hundred		4 PM
Zero-nine hundred		9 AM
14 hundred		2 PM
Zero-seven hundred		7 AM
21 hundred		9 PM
Zero-six hundred		6 AM
18 hundred		6 PM
Zero-four hundred		4 AM
19 hundred		7 PM
Nineteen-fifteen		7:15 PM
Zero-zero-zero-eight		12:08 AM

Time on first try \_\_\_\_\_ Time on second try \_\_\_\_\_



### TYPES OF MESSAGES QUESTIONS

1. Write the correct radio transmission asked for below:
  - a. You are Engine 3360 calling Engine 3382 directly. Write what you would say to call the engine

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- b. Write what the operator should answer:

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2. You are Battalion 3111. You have received and understood a message from the dispatcher - Perris - Write what you would say:

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3. You are Engine 4363. You want to call Engine 4360 working with you on the same fire. You want to call them on LOCAL C/C and ask them if Transport 4341 has arrived at their location. (Remember that Engine 4360's scan switch may be on.) Write how you would call them and how they would answer.

**YOU**

**ENGINE 4360**

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4. The situation is the same as in #3, except that you want to call Engine 4360 using **LOCAL NET, TONE 2**. Write what you would say and how they would answer.

**YOU**

**ENGINE 4360**

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## TRAVEL PROCEDURE QUESTIONS

1. The \_\_\_\_\_ Unit ECC and  
personnel will mutually agree on a travel route and \_\_\_\_\_.
2. \_\_\_\_\_ have the responsibility to notify the requesting  
\_\_\_\_\_ ECC when conditions have made it impossible for them  
to meet their stated ETA within a reasonable error of time which can adversely affects their  
assignment.
3. It is the responsibility of \_\_\_\_\_ to report any equipment  
failure that requires a mechanic to the \_\_\_\_\_ Regional Operations  
Center or Unit ECC.



## RADIO USE REVIEW QUESTIONS

Answer the following questions - no handbook reference is necessary.

1. What are alternate methods of a radio transmission?

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2. What is the primary use of the CDF radio system?

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3. What are the four priorities of the CDF radio system?

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

4. What is a “May Day”? What do you do?

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# EMERGENCY COMMAND CENTER

## Operations

RADIO USE PROGRAM TEXT

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5. What do you look or listen for before entering a net?

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6. How do you answer a radio call?

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7. What is a good indicator of poor voice techniques?

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8. How often should you “break” a long message?

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9. Who ends a communication on the air?

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10. What is I.C.S.?

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11. What is “Clear text”?

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12. Should or could “Clear Text” be modified to fit a situation?

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13. Messages should meet what criteria?

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14. How should a formal message be relayed?

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## Operations

RADIO USE PROGRAM TEXT

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15. How many inches from the mouth should a hand held mike be held?

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16. How many CTCSS tones are used in the CDF repeater system?

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