

# ERC Trivia

ERC Training  
2015-02-11

Tonight we are having a trivia extravaganza!

I have twenty questions. We will rotate through the regions, beginning with the Idaho Falls North region. I'll pose a question. Operators will "buzz in" by giving their call sign. I will acknowledge one of the call signs and that operator will provide an answer. If the answer is correct the region gets a point. If the answer is incorrect, we'll give the next region an opportunity to earn the point. Some questions are worth more than one point.

The point of this is to have fun and hopefully learn a little more and refresh our memories. So, don't get too caught up in the point system. Ultimately, they're meaningless.

I'll mix things up a little along the way to keep things interesting. Let's have fun.

## **1) Name the four ERC regions of the Idaho Falls Bishop Storehouse?**

Idaho Falls North  
Idaho Falls South  
Rigby  
Rexburg

## **2) Who is the North America Idaho Area ERC Coordinator?**

Kevin Hemsley NF7J

## **3) What does the acronym ECS stand for? (p.11)**

Emergency Communication Specialist

ECSs are the heart of the ERC program. Priesthood leaders may call ward or stake ECSs. They assist in developing and implementing emergency communication plans.

## **4) In the event of a repeater failure, what is the backup frequency of this net?**

146.880 Simplex

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**5) Name the five members of a basic NCS team? (p. 59)**

Net Control Radio Operator  
Backup Net Control Radio Operator  
Traffic Logger  
Information Analyst  
NCS Team Supervisor

**6) The ERC Handbook lists five message types. In order of precedence, name them. (pp. 57-58)**

Emergency  
Priority  
Service Message  
Health & Welfare  
Routine

Emergency traffic is any message having life or death urgency

Priority messages are important information with a time limit and official messages that don't fall into the emergency category.

Service messages are replies. Think of the bottom part of an ICS-213 form.

Health and welfare messages include information related to the well-being or location of individuals.

Routine messages are day-to-day messages.

**7) Name three types of Nets?**

(See pp. 61-64)

**8) You've just completed your emergency contact sheet on the ERC website. Name three people to whom you should distribute a copy?**

Family  
Bishop  
Stake president  
HC  
Stake ECS  
Ward ECS  
ERC Staff

It does little good to have your emergency contact sheet all filled out if you don't share it with those that might need it.

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Limit the responses to Technician Class operators

**9) Give an example of a tactical call sign? (p.18)**

Ammon Stake

Hart Shelter

etc.

Tactical call signs designate a particular place or function. They reduce confusion and enhance efficiency. The use of tactical call signs eliminates the need to remember which FCC call sign is assigned to which location.

**10) Fill in the blanks: Once you check in to an ERC radio net you are expected to [blank blank blank] and participate as needed. (p.19)**

remain on frequency

stay on frequency

Because there is no visual clue as to whether you are still sitting at the radio, it is assumed that you are still monitoring the net unless you verbally tell the net control station that you need to be checked out.

**11) Recite the phonetic alphabet from memory. (p.131)**

ALPHA, BRAVO, CHARLIE, DELTA, ECHO, FOXTROT, GOLF, HOTEL, INDIA, JULIET, KILO, LIMA, MIKE, NOVEMBER, OSCAR, PAPA, QUEBEC, ROMEO, SIERRA, TANGO, UNIFORM, VICTOR, WHISKEY, X-RAY, YANKEE, ZULU

**12) Last week we talked about making a basic contact. What format do we use for signal reports on SSB voice, digital, or CW? (p.133)**

RST

Readability, Strength, Tone

1-5, 1-9, 1-9

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Anyone who has not answered a question, may now respond.

**13) The Idaho Falls Bishops' Storehouse has standardized on what type of power connector? (p.104)**

Anderson Powerpole

**14) What mode is used by the Idaho Falls Bishops Storehouse Wednesday evening digital net?**

Olivia 8-500

Frequency: 3579.5 KHz

1500 on the waterfall

Wednesdays, 7:15 pm

**15) The Idaho Falls Bishops' Storehouse recommends that ERC operators have what type of radio?**

Mobile

Mobiles produce as much as 10 times more power than a handheld. There are drawbacks to utilizing high-gain antennas with a HT. You will be most effective in emergency situations with a mobile radio.

**16) What term describes the number of times per second that an alternating current reverses direction? (T5A12)**

Frequency

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**17) There are two ERC exercises and one conference occurring in 2015. Tell me the date of one of those events?**

Spring ERC Exercise - June 13 (2nd Saturday in June)

ERC Training Conference @ BYU - August 14-15

Fall ERC Exercise - October 10 (2nd Saturday in October)

**18) Those serving as net control are not permitted to respond to this question. How many operators were reported to have checked into your regional net this evening?**

IFN

IFS

RIG

REX

**19) What is the standard mathematical formula for determining the length in feet of a half-wave dipole?**

$468/f$

This is the entire length of the antenna, end-to-end. The formula for the length in meters is  $300/f$ .

**20) When a disaster strikes, priesthood leadership should be prepared to report on a variety of issues. Name two explicitly mentioned in the ERC Handbook. (p. 3)**

Nature of the disaster in his area

Status of people residing in the area

Status of missionaries

Status of Church property

Resources available to assist others

Resources needed in his area