

EMERGENCY COMMUNICATIONS

15 Stake ERC Symposium

A day of presentations, hands-on breakout sessions, and expert crosstalk

Saturday, August 22, 2026 • Roswell

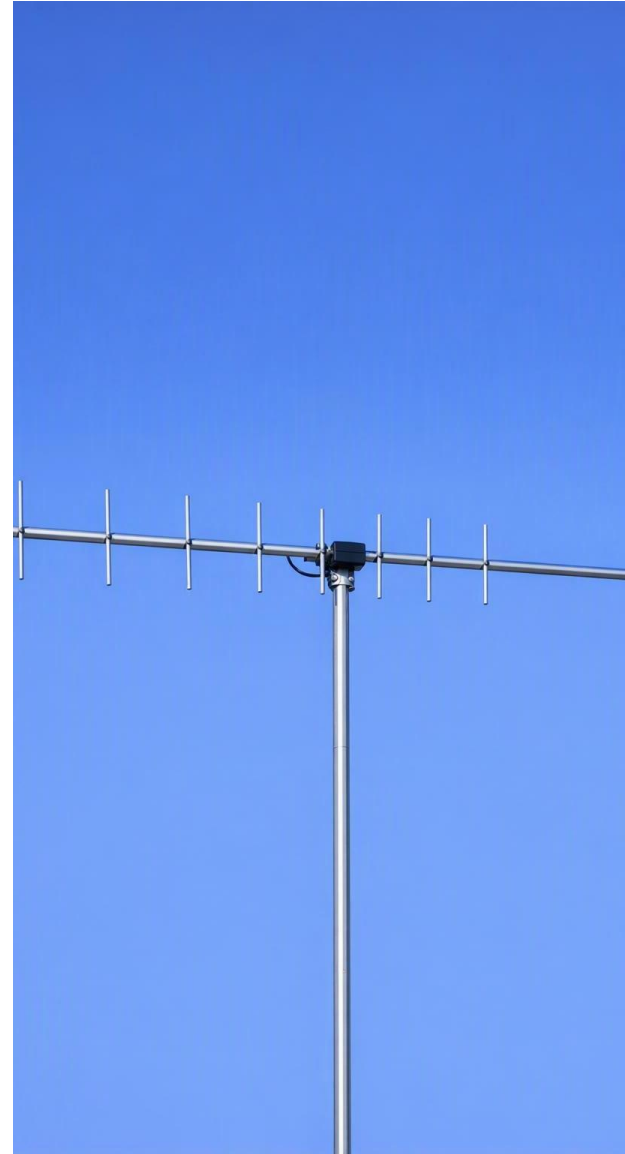
10:00 AM – 2:00 PM No charge • Lunch provided



Today's Program

HOW THE DAY FLOWS

- 1 Opening
- 2 Breakout Session 1
- 3 Breakout Session 2
- 4 Breakout Session 3
- 5 Lunch & Crosstalk — Expert Tables
- 6 Conclusion
- 7 “Field Day” Demo — Outside



Opening

WELCOME & VISION



Purpose of ERC

Why emergency radio communications matters for our stakes and wards.

USSE & Church HQ EmComm

How our efforts connect with USSE and Church headquarters emergency communications.

Vision

Where we're headed — and the part every ward plays.

Breakout Session 1

FOUNDATIONS, LEADERSHIP & FIRST BUILDS

Intro to Two-way Radio & GMRS Licensing (Basic)

Two-way radio basics — FRS, GMRS, line-of-sight and range limits, and uses; walk through licensing and preview 2-meter and HF capabilities.

Priesthood & Relief Society Leader Training

Run a Treasure Hunt and learn why and how to conduct one in your ward with Ward Council, Elders Quorum, RS, YM/YW & Primary activities.

Stake & Ward EmComm Specialists

Organize ward networks, conduct monthly nets, and check in and report ward activity with the Coordinating Council ERC net (monthly).

Build a GMRS Antenna ~\$\$

Hands-on activity to build a GMRS antenna. Materials provided — cost to follow.

NOAA Radio, Cell-Phone Satellite & Starlink

Why a stand-alone NOAA radio matters, when to use cell-phone satellite texting, and Starlink capabilities.

\$\$ = materials cost amount to follow



Breakout Session 2

PROTECTION, RADIOS & ANTENNAS



EMP Protection ~\$\$

Hands-on activity to build a trashcan Faraday cage.

GMRS Radio Recommendations & Build a GMRS Antenna ~\$\$

Review capabilities and cost of several GMRS radios (HT & mobile) and build a GMRS antenna — assemble an LMR-400 coax cable with male and female adapters. Materials provided — cost to follow.

GMRS / 2-Meter Simplex & Repeater (Basic)

Simplex vs. repeater capabilities and limits, with diagrams; the need and cost for each ward to have a repeater.

2-Meter Radios & Digital Comms (FIDigi)

Review capabilities and cost of several 2-meter radios (HT & mobile); explain and demo FIDigi, emphasizing reception and formatted messages.

HF Radio & Antenna Purchase Recommendations

Review HF radio choices (HT, mobile & base); antenna configurations, portability and cost for NVIS, Yagi and half-wave dipole.

\$\$ = materials cost amount to follow

Breakout Session 3

BUILDS, POWER, LICENSING & NET CONTROL

Build a 2-Meter Antenna w/ LMR-400 Coax ~\$\$

Hands-on activity to build a 2-meter antenna — assemble an LMR-400 coax cable with male and female adapters. Materials provided — cost to follow.

Power Supplies: Solar & Battery Backup

Options, costs and limitations of various power supplies — batteries, generators and solar.

HAM Licenses, Radios & Digital Modes

License levels, test topics, difficulty, prep, testing and cost; valid 10 years; radio choices and the advantages of digital modes.

Net Control & ANCS Training

Directed-net and emergency-net protocol (“all is well”); timing ward, stake and USSE nets; Coordinating Council ERC for training.

Radio Terminology & Etiquette (Basic)

“This is,” the NATO phonetic alphabet, signal reports, common terms (over, out, clear) and directed-net protocol.

\$ = materials cost amount to follow



Lunch & Crosstalk

TABLES HOSTED BY EXPERTS

Purpose of ERC	Power Supplies
Ward Networks	EMP Protection
Stake Networks	Net Control & Alternate Net Control
Intro to Two-way Radio & Licensing	Lessons Learned from Past Disasters (Mt. Mitchell)
GMRS Radios & Antennas	GMRS Just Doesn't Work For Me — What Now?
HF Radios & Antennas	Preparedness (in General)



Conclusion

BRINGING IT HOME

Worldwide Church HF
Communication

Ward Network & Tie-in to
Ministering

Ward Network Organization

What to Do When Normal
Communication Is Down

Tie into the Church Welfare
System

Types & Times of Nets

Community Relationships (ARES,
Local Govt)

Ways to Sharpen & Use Your Skills

What Will You Do with What You
Learned Today?

SEE IT IN ACTION

“Field Day” Demo — Outside

Head outdoors to see the radios, antennas and power setups from today's sessions put to work in the field.

WHEN

Sat, Aug 22, 2026 • 10 AM–2 PM

No charge – lunch provided

WHERE

Roswell Stake Center

500 Norcross St., Roswell, GA

REGISTER ercnet.net/symposium-registration

