

RARS Field Day 2024

General Membership Meeting Presentation - June 11, 2024

Field Day Co-Chairs
Curt Phillips, W4CP
David Burt, W4OF0

Agenda

01 →



Why?

02 →



What?

03 →



**When &
Where?**

04 →



How?

05 →



Details

06 →



Participation

Why Field Day? Emergency Preparedness

- Hurricanes Irma and Maria hit Puerto Rico in 2017; Maria continued through Miami, Florida
- During Irma, 50 hams from the ARRL (CT) deployed to assist Red Cross
- Digital stations transmitted over 4,000 names from shelters to families in the United States
- In a single day, more than 500 health and welfare messages passed from Puerto Rico to the United States.



- ARRL Radiogram form is used to collect messages
- Messages are passed through the ARRL National Traffic System
- Traffic is passed through Local, Section, Region, and Area nets
- Digital Relay Stations can also be used to pass messages between Sections, Regions, and Areas

1320 2/11

Irma – Message from Maine to Miami, FL

Sent September 10th

ROBERT AND MILDRED XXXXXXXXXX
XXX RICHMOND AVE S
LEHIGH ACRES FL 33936
NO PHONE
BT
ARL NINETEEN ADDRESSEE X MAY
BE AT LEHIGH SENIOR HIGH
SCHOOL SHELTER X FAMILY MEMBER
DEBORAH XXXXXX INQUIRING STATUS X
73
BT
CORY KU1U
OP NOTE PLEASE REPLY VIA KB1TCE NTSME 04854

Received September 13th

DEBORAH XXXXXX
C/O STEVE HANSEN KB1TCE
BT
WE ARE FINE IN OUR
OWN HOME WITH NO DAMAGE
X WENT TO A SHELTER
DURING THE HURRICANE
BT
ROBERT AND MILDRED

ARRL Message 19: Request health and welfare report on _____.
(State name, address and telephone number.)

What is Field Day?

- In the US and Canada, around 35,000 hams set up temporary stations and make as many contacts as they can in a 24-hour period as an emergency preparedness drill
- Social Gathering - Picnic
- Opportunity to build new skills, ask questions, and tryout different radios
- RARS Open House and Community Outreach
- Competition - Results published in QST December Issue
- FUN!!!



When and Where is RARS Field Day?

When:

Setup begins Friday June 21 at 10 AM

Saturday June 22 2:00 PM - Sunday June 23 2:00 PM



Where:

Raleigh Police Club
3500 Leonard Road
Knightdale, NC 27545



How Does Field Day Work?

- Class Category
 - Number of Stations in Operation
 - Type of Electrical Power Used
- Contact Points
 - 1 Point - Voice
 - 2 Points - CW or Digital
 - 5 Points - GOTA (Get on the Air)
- Point Multiplier
 - Amount of RF Power used by Stations
- Bonus Points
 - 50-100 Points per Bonus



Bonus Points Examples

- 100% Emergency Power
- Media Publicity
- Public Information Table
- Message Handling
- Satellite QSO (Contact)
- Alternative Power (5 Contacts)
- Copy W1AW Bulletin
- GOTA (Get On The Air) Coach
- Education Activity
- Social Media
- Safety Officer



GOTA (Get On the Air)

Eligibility - 5 Points per Contact

- Unlicensed
- Newly licensed (last 12 months)
- Any licensed that has been inactive
- ANY Novice or Tech licensed hams

Callsign Used: N4RAL



What Will RARS be Operating as this Year?

9A

Band Captains	Band
Bruce Sherman	80/15M Phone
John Brier	40M Phone
Andy Petterson	20M Phone
Akhil - NCSU Club VP	10M Phone
Brantley West	20M CW
Dale Pendleton / Bob Conder	40M CW
Marty Young	80/15M CW
Devin Hedge	15M Digital
James Marolda	20/40M Digital
Billy Janke	VHF / UHF
John Brier	Satellite Contact(s)
Fin Gold	40m GOTA (Get On The Air)

Antenna Types

- 20/15/10m Triband Yagis on AB-577 masts
- 80m and 40m Doublets
- 40m Double Bazooka
- 40M Dipoles
- VHF/UHF Yagis



Antenna Placement



Field Day Exchange Example QSO

Them - CQ Field Day CQ Field Day CQ Field Day

Them - Whiskey One Alpha Whiskey

Us - Whiskey Four Delta Whiskey

Them - Whiskey Four Delta Whisky

Them - 5 Alpha Charlie Tango

Us - QSL 5 Alpha Charlie Tango

Us - 9 Alpha November Charlie

Them - QSL 9 Alpha November Charlie



Contesting Basics

- Keep Your Rate Up!
- What Not to Say
 - Please Copy
 - We Are
- Use Q-Signals
 - QSL QRZ QRT
- Don't Repeat
- Repeat when asked for fills



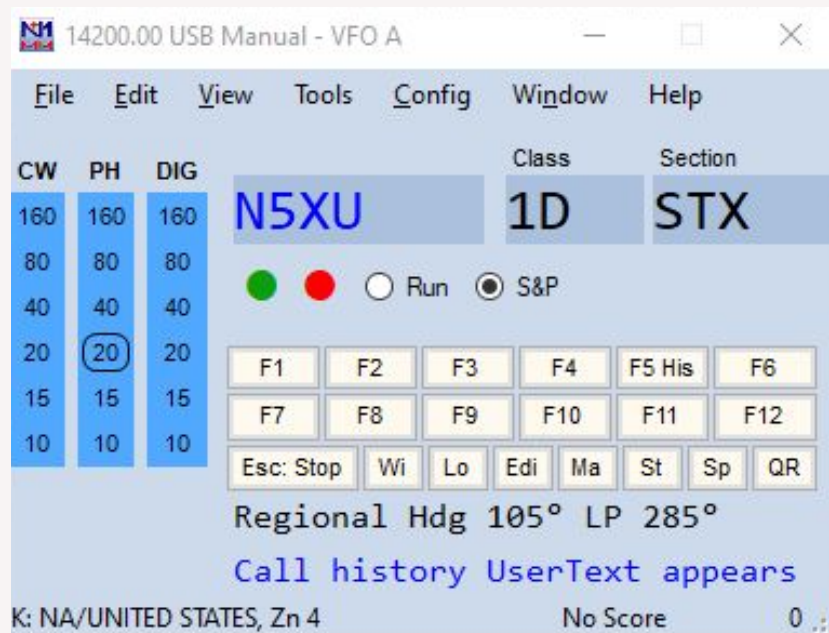
Making the Difficult Contacts

- Know and Use the NATO Alphabet
- Counting Up
- Tail Ending
- Alternative Phonetics
 - America, Dog Walker, North Carolina



Logging Contacts

- Computerized Logging - N1MM Logger +
- Change the operator when you start
Control-O
Enter your callsign
- ARRL section list will be at each Station
Some states have multiple sections



Logistics

- Where to Park
- Snacks and Drinks
- Bathrooms



How has RARS Performed in the Past?

2023	6A	5th
2022	5A	12th
2021	6A	2nd
2019	8A	3rd
2018	7A	6th
2017	8A	3rd
2016	6A	12th

2015	9A	1st
2014	8A	5th
2013	6A	5th
2012	9A	1st
2011	9A	1st
2010	8A	1st



How Can I Participate?

- Setup Friday 10:00 AM
- Take Down Sunday 2:00 PM
- Sign Up on Operator Schedule



SignUpGenius



RARS Discord



2024 Field Day Task Owners

Akhil - NCSU Club VP	Dave Buster
Andy Petterson	David Burt
Billy Janke	Dennis Keith
Bob Conder	Devin Hedge
Bob Starkenburg	Fin Gold
Brantley West	James Marolda
Bruce Sherman	John Brier
Carl Davis	Marty Young
Curt Phillips	Richard Kroeger
Dale Pendleton	54 Total Tasks



Questions?

