



**AMATEUR RADIO**  
**FD★26**  
**A NATIONAL RESOURCE**

# cRHRc

CROSS ROADS HAM RADIO CLUB  
[www.crhrc.org](http://www.crhrc.org) [info@crhrc.org](mailto:info@crhrc.org)



# What is Field Day?

- ▶ **Field Day** is an annual amateur radio exercise sponsored by the ARRL and encourages emergency communications preparedness among amateur radio operators.
- ▶ Since 1933, Field day has been the largest single emergency preparedness exercise in the country.
- ▶ To determine the effectiveness of the exercise and of each participant's operations, there is an integrated competitive component.
- ▶ The competitive component involves contacting as many other stations as possible while learning to operate radio gear in abnormal situations and less than optimal conditions.



# When & Where

**Field Day** is always the fourth full weekend of June, beginning at 1800 UTC (1 pm) Saturday and running through 2059 UTC (3:59 pm) Sunday.

**\*\*Setup starts 8am Saturday with operations starting 1pm local time**

**Field Day 2026 is June 27-28**

**CRHRC Location: Louise-Hillje Chamber of Commerce - “The Mill”**

**605 South St.  
Louise, TX 77455**

29° 6'31.66"N  
96° 24'24.85"W



The image shows a Google Maps interface with a popup window. The popup contains the following text:

W5LCR  
CRHRC - Cross Roads Ham Radio Club  
605 South St.  
LOUISE, TX  
GOTA: YES  
Talk-in: 444.925 + 127.3 / 147.29 + 103.5  
Contact: Rick Gangluff  
9794290744  
[info@crhrc.org](mailto:info@crhrc.org)  
[www.crhrc.org](http://www.crhrc.org)

The map shows a location in Louise, TX, marked with a red pin. The popup is centered over the pin. The map includes labels for Jones Creek, Pierce, El Campo, Louise, Ganado, and Dan. The map also shows roads 59 and 71. The Google logo is visible in the bottom left corner. The bottom of the map interface includes the text: Keyboard shortcuts, Map data ©2025 Google, INEGI, Terms, and Report a map error.

# Amenities:

RV Parking (no hookups, must be self contained)

Use of entire property

Indoor kitchen/food staging area

Tree cover

Covered pavilion for radio setup

Accessible to public

Plenty of parking

## **A/C Restrooms!**



CRHRC - ARRL Field Day 2024

Setup area and General parking

Self-Contained camper area

Image © 2024 Airbus

Imagery Date: 1/19/2024 29°06'31.95" N 96°24'25.13" W elev 0 ft eye alt 1864 ft

# Basic Field Day Rules

- ▶ 6.1. A person may not contact for QSO credit any station from which they also participate.
- ▶ 6.3. Field Day contacts are allowed using Phone, CW and Digital (non-CW) modes. Stations can be worked once per band per mode under this rule.
- ▶ 6.7. The use of more than one transmitter at the same time on a single band-mode is prohibited.
- ▶ 6.8. No repeater contacts are allowed.
- ▶ <http://www.arrl.org/field-day-rules>

# What are “Classes”?

Class A - A Club, or a non-club group of 3 or more persons setup specifically for Field Day.

Class B - One or 2 person portable & QRP 5 Watts or less, not commercial power, or motor driven.

Class C - Mobile Stations in vehicles capable of operating in motion. Could be nautical, aeronautical, people powered.

Class D - Home Stations, People operating from a permanent or licensed station locations on commercial power.

Class E - Home Stations - Emergency Power

Class F - Emergency Operations Centers (EOC)

# GOTA Station

- ▶ Get On The Air (GOTA) allows for members of the general public, newly licensed and generally inactive hams a place to get on the air.
- ▶ Can operate any FD band/mode.
- ▶ Must use different call sign but has same exchange as club station “2A STX”
- ▶ Chance to showcase easy deployment
- ▶ GOTA coaches will be available and happy to help you get on the air

# Antennas: “2A STX”

- ▶ **Club Stations (2)**  
Alpha Delta DXEE Dipoles (2)  
(configured to minimize inter-station interference—will be able to operate both stations simultaneously on the same band)
- ▶ **GOTA Station**  
Wilson SY33 Tri Band Beam  
on crank-up tower (20, 15, 10)



# Radios and Computers:

## CRHRC Emergency Operating Equipment:

- ▶ Icom “Go-Box”
  - ▶ IC-7300
  - ▶ IC-2730
  - ▶ MAT-Tuner
- ▶ Logging Laptops (3)  
donated by Tri W5TRI

Thank  
You,  
Tri!



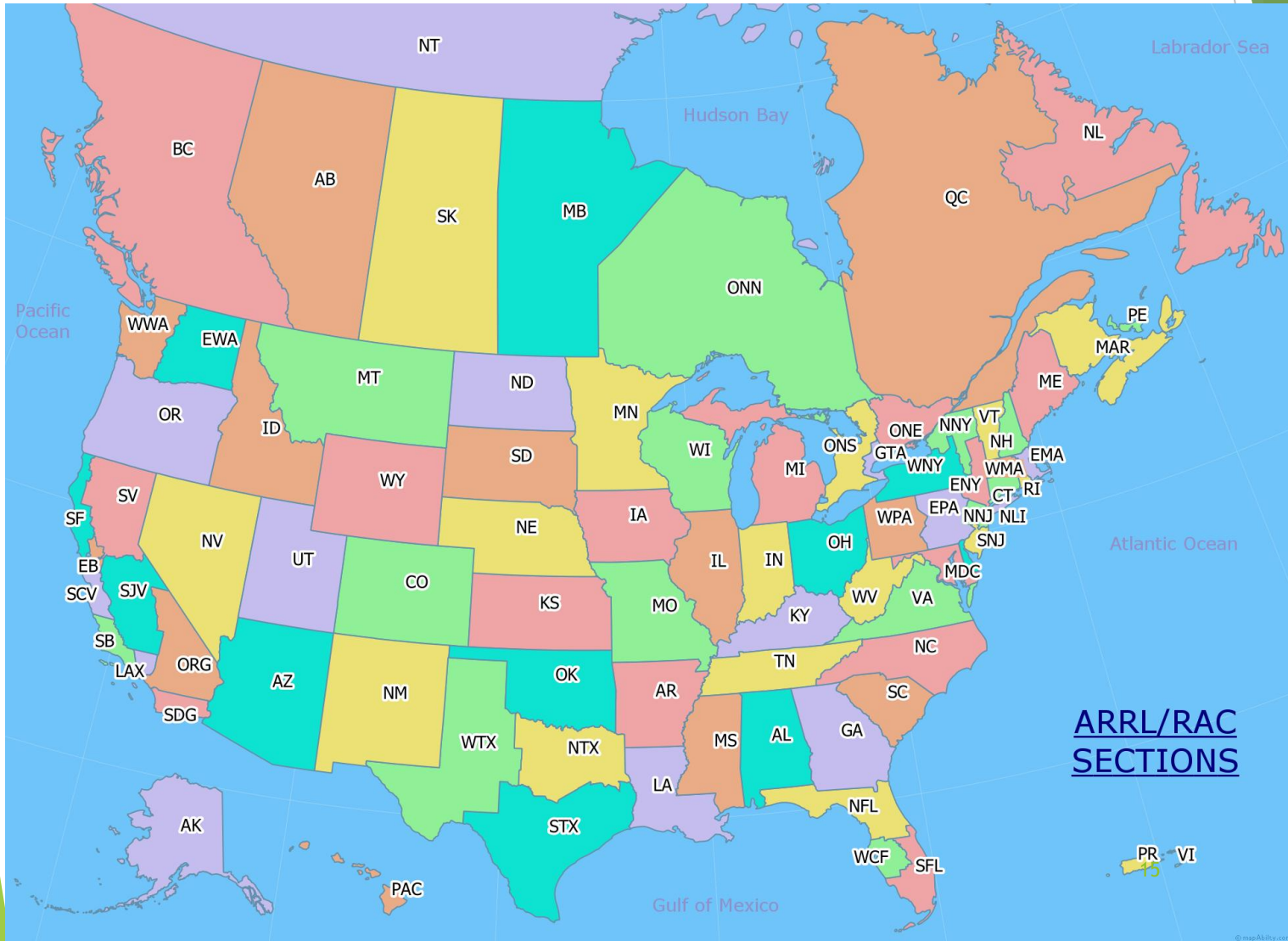


1. Antenna #1
2. Antenna #2 and 2<sup>nd</sup> Op Area
3. 1<sup>st</sup> Operations Area & GOTA Station
4. Inside (food/restrooms/hangout)
5. Tower and Beam Antenna

# Exchange:

- ▶ Contacts will exchange information about their setups:
  - ▶ Class - including number of transmitters
  - ▶ Section - ARRL section locator (where they are)
- ▶ The W5LCR exchange will be “2A, STX(South Texas)”

# What are sections?



# Use Standard Phonetics...

...its what both sides expect to hear.

<i>A – Alpha</i>	<i>J – Juliet</i>	<i>S – Sierra</i>
<i>B – Bravo</i>	<i>K – Kilo</i>	<i>T – Tango</i>
<i>C – Charlie</i>	<i>L – Lima</i>	<i>U – Uniform</i>
<i>D – Delta</i>	<i>M – Mike</i>	<i>V – Victor</i>
<i>E – Echo</i>	<i>N – November</i>	<i>W – Whiskey</i>
<i>F – Foxtrot</i>	<i>O – Oscar</i>	<i>X – X-Ray</i>
<i>G – Golf</i>	<i>P – Papa</i>	<i>Y – Yankee</i>
<i>H – Hotel</i>	<i>Q – Quebec</i>	<i>Z – Zulu</i>
<i>I – India</i>	<i>R – Romeo</i>	

The International Telecommunications Union  
Standard Phonetic Alphabet

A – Arsenic		N – Nevermind
B – Bonehead		O – Oinker
C – Communisit	Not This!!	P – Putrescent
D – Dimwit		Q – Quintuplets
E – Earwax		R – Radioactive
F – Flatulence		S – SkyMiles
G – Gangrene		T – Trump
H – Hernia		U – Underwear
I – Idiot		V – Vixen
J – Jerk		W – Whoops!
K – Kabob		X – Xenopus
L – Lice		Y – Yuck
M – Moron		Z – Zombie

# 2 ways to operate

- ▶ Run
  - ▶ Find a clear frequency and call CQ
  
- ▶ S&P (Search and Pounce)
  - ▶ Tune around and wait to call the station calling “CQ”

# FD QSO (RUN)

- ▶ CQ FD CQ FD Whisky Five Lima Charlie Romeo
- ▶ W1AW
- ▶ W1AW Please copy “2A STX”
- ▶ QSL, PLEASE COPY “3 DELTA, CT”
- ▶ Thanks, 73. QRZ this is W5LCR

# FD QSO (S&P)

- ▶ Tuning around you hear:
- ▶ CQ FD CQ FD This is WHISKY ONE ALPHA WHISKY
- ▶ **Whisky 5 Lima Charlie Romeo**
- ▶ W5LCR Please copy “3Delta CT”
- ▶ **QSL, PLEASE COPY “2 Alpha, South Texas”**
- ▶ Thanks, 73. QRZ this is W1AW

# Scoring - QSO Points

- ▶ Phone contacts count one point each.
- ▶ CW contacts count two points each
- ▶ Digital contacts count two points each.
- ▶ Power multipliers

# Contest tips:

- ▶ LISTEN, LISTEN, LISTEN!!!!!!!
- ▶ Get call sign and exchange before answering a CQ
- ▶ If you cant get through the pileup, tune up a little
- ▶ LISTEN for cadence: is he taking first or last call??
- ▶ COATTAIL
- ▶ Try to match speed (CW)

# Bonus Points

- ▶ 100 % Emergency power
- ▶ Media Publicity
- ▶ Public Location
- ▶ Public info table
- ▶ Educational Activity Bonus
- ▶ Youth participation
- ▶ Social Media
- ▶ Safety Officer - Chris W5CUY; Rick WB8FVB
- ▶ GOTA Station contacts
- ▶ NTS message passing/handling
- ▶ Satellite contact

# Safety

- ▶ Safety Officer
- ▶ Fuel for generator properly stored
- ▶ Fire extinguisher on hand and appropriately located
- ▶ Temporary antenna structures properly secured and marked
- ▶ Site secured from tripping hazards.
- ▶ Site is set up in a neat and orderly manner to reduce hazards.
- ▶ Safety Officer is designated point of contact for public safety officials.

# Logging Equipment & Software

- ▶ Club will be using “N1MM Logger+” on our recently donated laptop computers!
- ▶ Feature rich and nicely priced!

The screenshot shows the N1MM Logger+ interface. At the top, it displays '14200.00 USB Manual - VFO A' and 'Op: KØPIR'. Below this is a menu bar (File, Edit, View, Tools, Config, Window, Help) and a control panel with buttons for 'Run' and 'S&P'. A table of configuration options is visible, including 'F1 S&P CQ', 'F2 Exch', 'F3 Spare', 'F4 KØPIR', 'F5 His Call', 'F6 Spare', 'F7 Rpt Exch', 'F8 Agn?', 'F9 Zone', 'F10 Spare', 'F11 Spare', and 'F12 Wipe'. Below the configuration is a status bar showing 'Hdg: 108° LP 289° 65mi 105km'. The main window displays a log table with columns for 'MM-DD HH:MM', 'Call', 'Freq', 'Mode', 'Exch', 'Sect', 'Pts', 'Computer', and 'Op'. The log entries are as follows:

MM-DD HH:MM	Call	Freq	Mode	Exch	Sect	Pts	Computer	Op
06-12 16:30	WA0AFD	14192.50	USB	1A	MO	1	HP8300_DESKTOP	KØPIR
06-12 20:38	WB2UFO	14200.00	USB	3A	IL	1	STREAM	KØPIR
06-12 20:39	KD0S	14200.00	USB	3A	SD	1	HP8300_DESKTOP	KØPIR
06-12 20:39	KD0S	14200.00	USB	3A	SD	1	HP8300_DESKTOP	KØPIR

At the bottom, there is a 'Network Status' window showing '2 Stations in network' with columns for 'Computer', 'IP Address', 'Pass', 'Run', '10', '100', 'Freq', 'Op', 'Msg', 'Send', 'Re...', 'Ma...', and 'Band'.

The screenshot shows the UA9OV CwGet software interface. It features a menu bar (File, Filters, Zoom, Setup, Help) and a control panel with buttons for 'AutoTh', 'GoToMax', 'AutoGTM', '10', '300', 'AEC', 'Replay', 'Save', '100', '150', and 'Sp.Lock'. A frequency spectrum plot is visible at the top. Below the plot, a message box states: 'CWGET.INI file was not found in a working directory. Working directory was changed to default directory C:\ProgramData\CwGet'. A log of received Morse code is displayed below the message:

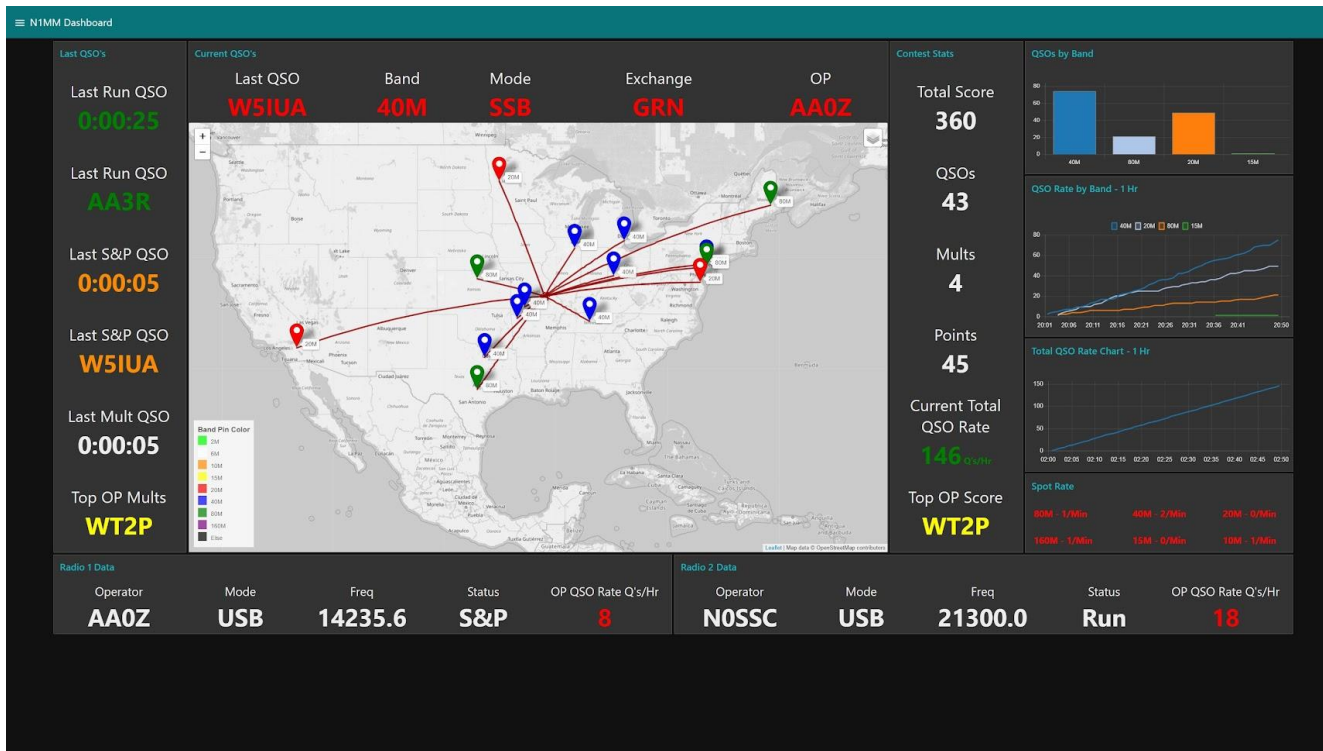
```

#e teit e ttttt ttttt taca a caa ? ky4aa ky4aa 5nn bk e n e e e tt tat eaa kyb e q s 73
tu etu ne e t cq 1 a oz1 g k n5 t j n5 t j n h n h t e e e e e t e t s l 73 n tea oz1 xg q
    
```

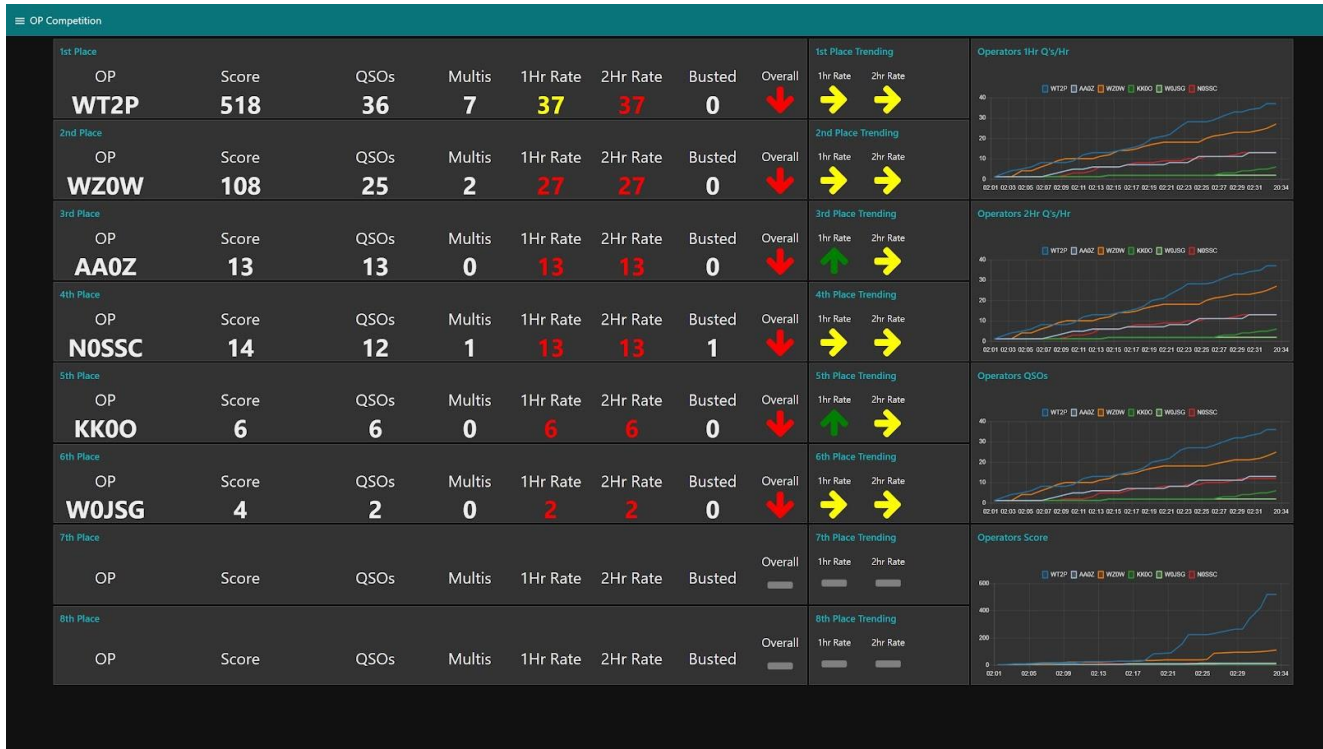
At the bottom, there is a status bar showing 'MF: 140 Hz | BE: 200 | 375 Hz | 0.001 | 1251 PM | 24.9 WPM | FrB: 15'.

The screenshot shows a radio control interface. At the top, it displays 'CW', 'FIL3', 'VFO A 1', and '13:29 kHz'. The frequency '14.044.970' is prominently displayed. Below the frequency is a 'KEYER' section with buttons for 'M1', 'M2', 'M3', 'M4', 'M5', 'M6', 'M7', 'M8', and '-1'. The buttons are labeled with call signs and numbers: 'CQ CQ DE', '5NN 002', 'TU EL19', 'EL19', '?', 'W5CUY', '5NN TU', 'TU', and '002'.

# N1MM Dashboard



# N1MM Dashboard





# What to bring

- ▶ Chair
- ▶ Favorite flavor bug spray, sun screen, etc.
- ▶ Rain Gear
- ▶ Beverages of choice – we will have water
- ▶ Snacks – we will have a meal Saturday evening
- ▶ Whatever gear you want to play with
- ▶ Headphones

# Remember:

- ▶ Have Fun!
- ▶ Make Contacts
- ▶ Improve operating skills
- ▶ Learn something new
- ▶ Be safe

▶ **HAVE FUN!**

# Questions?

June 27-28 Setup starts 8am Saturday with operations starting 1pm local

Location: Louise-Hillje Chamber of Commerce - “The Mill”

605 South St.  
Louise, TX 77455

**\*\*More details to follow, including an operating time sign-up sheet**

