

17 Jun 2023

ADDXA

**Albuquerque DX
Association**

Good DX

Good Luck in the Contest!

<https://groups.io/g/adxa>

ADXA Case Study 2018

- Thoughts/Concepts
- Choosing Entry Category
- Participants



ADXA FD Goals

- Fun LOTs of Fun!
- High Score
- Camaraderie with Food Friday after Setup
- Elmer New/Inexperienced Hams
- Contest Training
- Practice Portable Setup
- Public Introduction to Ham Radio

Results

- Six Participants
- 2nd Radio for Personal Callsigns Use/Fun
- 700 (CW) Contacts 900 Bonus Points
- Class 1F EOC Category 3,696 Points
- W5UR #1 of 32 Entries



Presentation Description

- “Not a Contest”
- Why Do This?
- Field vs. Home
- Event Strategy/Approach
- Operating Techniques
- Logging
- Bonus Points
- Questions?



One Rung Higher

Why Do We Do This?

Sample Soapbox Comments

- Poor Antenna Altitude
- Computer Software Challenges
- Intense Heat (Bugs, Humidity, Sunshine, etc.)
but
- We Had Lots of Fun
Worked Many Stations
Made Lots of Bonus Points
Decided to Do It Better Next Year
- All from the Same Op!

“Not a Contest”

2E

MM Expeditionary Force					
NV9L	3,606	2	3	11,392	IL
Northeast Louisiana ARC					
W5WZ	2,401	2	2	9,324	LA
QRP Pals					
WA0MN	758	5	1	7,930	MN
Lubbock ARC					
KS5Z	1,672	2	2	7,186	WTX

- Scores Published in November QST
- Database in ARRL Contest Portal Spreadsheet with Scores Breakdown
- Competition Between/Within Clubs
- If it Walks Like a Duck...
- It Is YOUR Event!

Why Do This?

- Fun, Fun, Fun, 'til...
- Great Learning Opportunity
Practice Operating & Technical Skills
- Can Make Us Better...
- Contingency Preparation
- Competition?

Amateur Radio Themes

- HamVention 2023 “Innovation”
“One Rung Higher” for Each of Us
- ARRL Radio Communications
Skill
Service
Discovery
- FD—An Opportunity to Explore/Expand All 3
- Experienced Ops Set the Examples (Good & Bad)

Field vs. Home

- In the Field
 - Sharing Fun with Friends
 - Learning from Each Other/Mentoring
 - Introducing Amateur Radio to Others
 - Inter-Club Competition



- At Home
 - Much, Much Easier
 - Test Your Own Stations
 - Intra-Club Competition
 - Aggregate Club Scores



Event Strategy/Approach

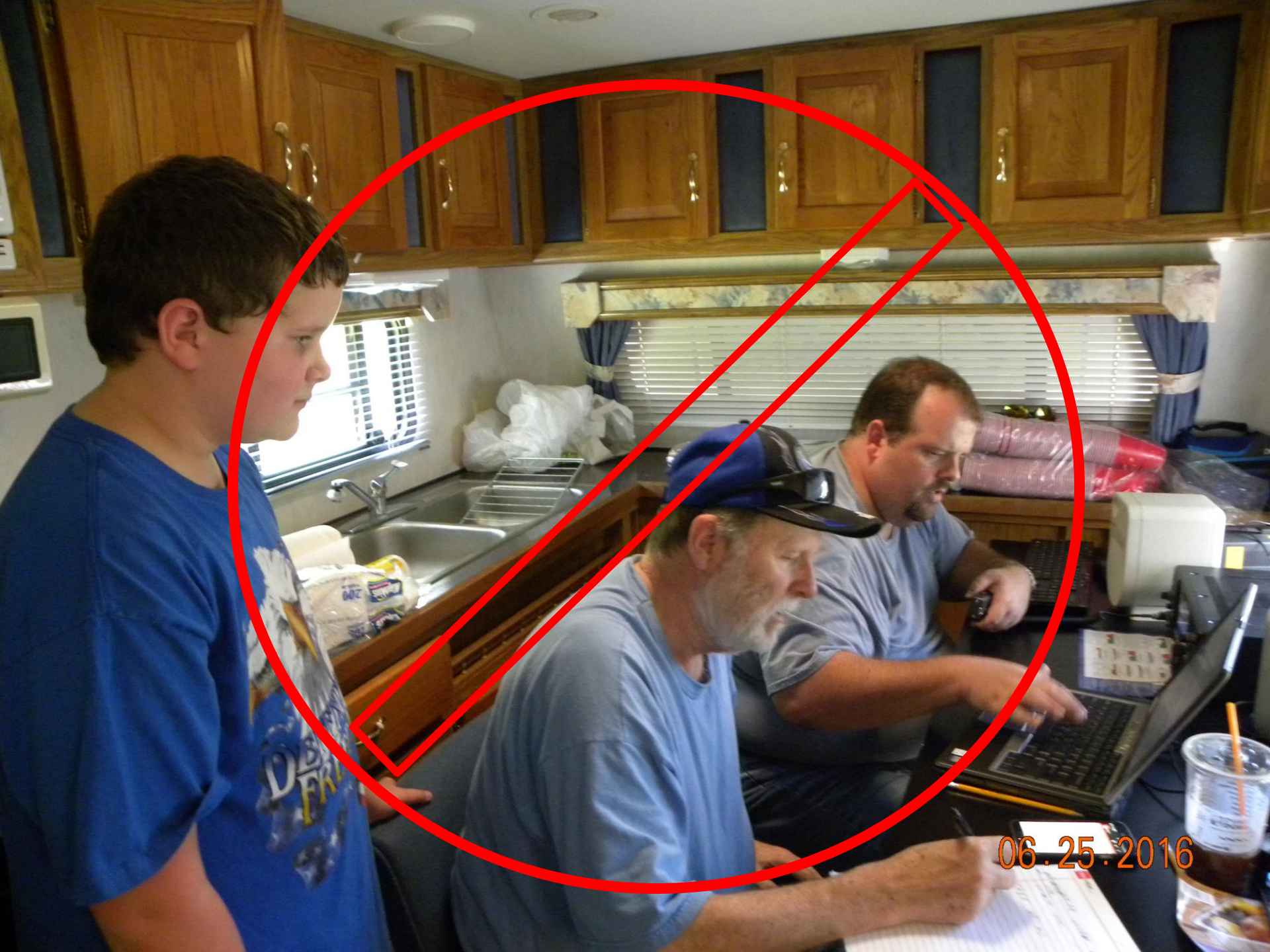
- Choose Your Category
Number of Simultaneous Transmitters 1, 2, etc.
Number of Participants 1-2=B 3+ Group=A
- 1A=Portable, 1 Rig, Group of 3 or More (2022-131)
- 1D=Home Station on Commercial Power (2022-1,983)
- E=Home Station on Emergency Power (2022-675)
- QRP Battery = 5 Points/QSO (No Generator)
- 100 Watts or Less = 2 (New Upper Limit for ALL)

Event Strategy/Approach

- Tee-Pee Dipole for 40m/20m
- Avoid Verticals/Short & Shiny Antennas
A Light Bulb Will “WORK”
- 100 Watts (Unless You’re Masochist)
- Wear/Share Headsets
- Provide External Speakers for Observers
- Make a List of What to Bring

Event Strategy/Approach

- Op's Focus is on the Logging Computer
Same Op Operates & Logs
- Use a Foot Switch—Hands on Home Keys
- Rig & Op Protection from Sun, Cold, Rain,
Wind, Bugs, Snakes, Aliens
- One IC-7300 OK
Two IC-7300's
Been Berry, Berry Bad to Many!



06.25.2016

Event Strategy/Approach

- 2019 K8TE & Judy in the Jemez Mountains
- RV Trailer K3 Honda EU2000i
- Fan Dipole at 40 ft.
- 57 ft. End-Fed Wire Up 30 ft. Out 37 ft.
- Either Out-Played the Other at times
- 771 QSO's (741 CW) 3,674 Points
- #2 out of 38 in 1B2 (Short 85 points!)
- Too Cold 1:00-8:30 a.m. 7:30 Off Time!

KS5Z & K8TE 2020

2E Low Power

- 1,675 QSO's (1,463 CW 61/Hour for 24 Hours)
- 7,186 Points #4/1,762
- SSB/FT8 Troubles (IC-7610 RX Folded)
- Use Bandpass Filters on Two Rigs
- K8TE All CW Again
- Sound Like Fun? Oh Yeah!

K8TE 2021 at Home

1E 100 Watts

- 1,607 QSO's (All CW 67/Hour for 24 Hours)
- 7,136 Points #6/905 Entries
- New Elecraft K4
- A Much Better Chair!
- Fewer and Worse Antennas
- K8TE 24 Hours of CW Again

NM5HD Event Strategy

- North Domingo Baca Again
- “Organized” or Not?
- If 2A (2 Rigs 100 Watts) GOTA Possible
Unlimited GOTA QSO’s in 2023
(Different Callsign)
GOTA QSO’s Worth 5 Points Each
- Above Means Three Radios/Antennas
or
- Helter Skelter Ad Hoc Inter-Station QRM
More “Fun” and More “Challenging”
Mostly More Frustrating!

What's Wrong With This Pix?



Operating Techniques

- BIC—Butt In Chair
- Use a Headset/Footswitch
- Focus on Computer Monitor
- CW via Keyboard (2x SSB Points)
- FT8/4 2x SSB Points However,
Can't Make 60-100 QSO's/Hour on FT8/4
- Very, Very Few to Work on RTTY
- WAY Fewer Yet on PSK₃₁, etc.



Operating Techniques

- Send **ONLY** Needed Information **ONCE!**
I Know My Call! (Running Station)
Please Don't Send My Call!
- No Mults (Sections) in FD!
- Example QSO
- RTFR



Operating Techniques

- CQ FD K8TE KILO 8 TANGO ECHO FIELD DAY
- NOVEMBER MIKE 5 HOTEL DELTA (NM5HD)
- NOVEMBER MIKE 5 HOTEL DELTA (K8TE)
2 ECHO WHISKEY TANGO X-RAY (NM5HD)
- 1 ALPHA NOVEMBER MIKE (NM5HD)
- Thanks KILO 8 TANGO ECHO (K8TE)
- RATE, RATE, RATE, But Speak at Reasonable Rates
- CW 18-22 WPM



Bonus Points

ITEM	Y/N	POINTS
7.3.1. 100% Emergency Power (#TX less GOTA & Satellite)	K8TE	100
7.3.2. Media Publicity	N5EPA	100
7.3.3. Public Location	N5EPA	100
7.3.4. Public Information Table	N5EPA	100
7.3.5. Message Origination to Section Manager	KG5IDN	0
7.3.6. Message Handling: (10 max for 100 points)	KG5IDN	10
7.3.7. Satellite QSO	??	0
7.3.8. Alternate Power (list 5 QSOs)	K8TE	100
7.3.9. W1AW Bulletin Copied	N5SJ	100
7.3.10. Educational activity bonus	K8TE	100
7.3.11. Site Visitation by an elected governmental official	K8TE	0
7.3.12. Site Visitation by a representative of an agency	K8TE	100

Summary

- “Not a Contest”
- Why Do This?
- Field vs. Home
- Event Strategy/Approach
- Operating Techniques
- Logging
- Bonus Points
- Questions?

More on Logging

- N3FJP's Video on FD Logging
<https://www.google.com/url?q=https://www.youtube.com/watch?v%3DDJEIXuoKWqc&sa=D&source=calendar&usd=2&usg=AOvVaw2Fao-XEY6ROVedE44oXOh8>
- AK4KO Video Using N1MM+
<https://www.google.com/url?q=http://videos.hamdocs.com/FieldDay-2015v4.mp4&sa=D&source=calendar&usd=2&usg=AOvVawoAptZuYmdWGO6wPXCdPizR>

References

- <http://www.arrl.org/field-day>
- <http://www.n3fjp.com/fieldday.html>
<https://www.youtube.com/watch?v=DJEIXuoKWqc&feature=youtu.be>
- <https://n1mmwp.hamdocs.com/>
- <https://n1mmwp.hamdocs.com/support/how-to-videos/>
- https://www.google.com/url?q=https://vienna.wireless.net/&sa=D&source=calendar&usd=2&usg=AOvVawoUwNv_zbFrsAlh4S4eYOwu

More References

- ARRL/RAC Section Map- <https://drive.google.com/file/d/1vTOp1afxmObA6c2jKJfKnZZKlh-fWq/view?usp=sharing>
- GOTA Poster- <http://tiny.cc/gota-poster>
- Ham Radio Resources for Visitors, Youth, Students & Teachers- <https://tiny.cc/hryc>