17 Jun 2023

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"

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	5	1	7,930	MN
1,672	2	2	7,186	WTX
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- 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 <u>YOUR</u> 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





- 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 <u>Upper Limit for ALL</u>)





- 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



- 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!





- 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?

ADXA

rquerque DX ssociation





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







- 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







Logging

- It's 2022! The PC is Old Now Too
- N₃FJP FD Logger (Updated to V 6.67)
- N1MM+ World's Most Popular Contest Logger
- <u>Operator</u> Logs—OK to Have a Coach/Listener
- <u>Never</u> Write Info then Type!

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F7 Rpt Exch	F8 Agn?	F9 Zone	F10 Spare	F11 Spare	F12 Wipe
		V	dit Mark	Store Sa	ott GRZ





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

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- Operating Techniques
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More on Logging

- N3FJP's Video on FD Logging <u>https://www.google.com/url?q=https://www.y</u> <u>outube.com/watch?v%3DDJEIXuoKWqc&sa=</u> <u>D&source=calendar&usd=2&usg=AOvVaw2Fao</u> <u>-XEY6ROVedE440XOh8</u>
- AK4KO Video Using N1MM+ https://www.google.com/url?q=http://videos.h amdocs.com/FieldDay-2015v4.mp4&sa=D&source=calendar&usd=2&u sg=AOvVawoAptZuYmdWGO6wPXCdPizR



References

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





More References

- ARRL/RAC Section Map-<u>https://drive.google.com/file/d/ivTOpiafxm</u> <u>ObA6c2jKJfKnZZKlh-</u> <u>fWq/view?usp=sharing</u>
- GOTA Poster- <u>http://tiny.cc/gota-poster</u>
- Ham Radio Resources for Visitors, Youth, Students & Teachers- <u>https://tiny.cc/hryc</u>