

2023 FIELD DAY CONTACT SUGGESTIONS: SINGLE SIDE BAND Alachua County ARES(R) / NFARC

FIRST Enter yourself as the operator into the N3FJP Logging System -- click "Operator" and enter call and initials:

Contest Log 6.5 www.n3fjp.com

Mode View Network **Operator** Help

Find **Recent Contacts** Last 20

Class	Sec	Date / Time	Bnd	Mode	Country	Initials
1D	SF	06/28 17:01	40	DIG	USA	LG
3D	NC	06/28 17:00	40	DIG	USA	LG
1E	AL	06/28 16:59	40	DIG	USA	LG
1E	GA	06/28 16:53	40	DIG	USA	LG
1D	TN	06/28 16:47	40	DIG	USA	LG
1D	NC	06/28 16:44	40	DIG	USA	LG
1D	NFL	06/28 16:40	40	DIG	USA	LG
1E	NC	06/28 16:38	40	DIG	USA	LG
1D	NC	06/28 16:36	40	DIG	USA	LG

Class **Section**

Warning! Please select your band and mode from the menu!

Warning waiver rule enabled (from Settings).

Operator

Operator: W4UFL

Initials: JC

Done

CT
EMA VT
ME WMA AL SC
GA SFI

SECOND Set your BAND and MODE in the N3FJP Logging System --

- Click on BAND to pick the band (80, 40, 20, 15, 10, 6, 2 for example)
- Click on MODE to select PHONE

THIRD SET THE RADIO TO OPERATE

ICOM 7300 RADIO SETTINGS FOR SSB VOICE		
ITEM	CHOICE	COMMENT
MODE	Select LSB or USB as appropriate for Band LSB = 80m / 40m USB = 20m and up. Touch the current mode (USB LSB, whatever it is) on the screen and you'll get the options	NOTE: do not have the PACTOR modem plugged in, EOC inside station. Unplug its DIN connector, back panel.
How to Tune the Antenna Tuner	[NO AMPLIFIER] Press the TUNER button left hand side of ICOM 7300 and watch the antenna tuner adjust.	

You can use a full 100 watts SSB on our ICOM 7300's in 2023 Field Day. Just set the power level to 100W. ALC (Automatic Level Control) is automatic on Icom 7300's. Press the TUNER button and our antenna tuners are set to semi-automatically tune for you.

ILLUSTRATED

The ICOM 7300 is able to operate 100W output SSB without any problems for long periods of time. Turn up the power output setting on the ICOM7300 to 100% and adjust your voice/mic/etc to have the ALC in the blue region (0-50% on the scale):



Consider turning on COMPression to modest levels, and then keep the ALC to this range:



Likely the MOST useful trick is to have your companion station LISTEN TO YOUR SIGNAL and confirm that you SOUND OK.

FOURTH CONTEST SAVVY: MAKING CONTACTS

Two methods: Hold a frequency and call CQ Field Day to get people to come to you, or "hunt and pounce" by listening for others calling CQ and quickly answering them. To hold a frequency you have to keep a strong signal and keep talking -- if you are absent for a bit someone else will take the clear spot! To hunt and pounce you have to move around quickly. If you move in tiny frequency increments, retuning of antenna and transmitter aren't crucial. When you move more than 50kHz time to retune a bit.

Here is an example of a typical Field Day phone exchange:¹

- NF4AC** "CQ Field Day, November Foxtrot Four Alpha Charlie NF4AC Field Day"
- W1AW**: "Whiskey One Alpha Whiskey"
- NF4AC** : "W1AW, Copy my Two Foxtrot, Northern Florida"
- W1AW**: "QSL. Copy my Five Alpha, Connecticut"
- NF4AC**: "QSL, Thanks. This is NF4AC. Field Day." -- and you're ready for the next station!

For Additional Field Day Tips:

GOOD DISCUSSIONS OF SAVVY VOICE TECHNIQUE:

1. Skip to the voice part: <https://www.qsl.net/ta1dx/afet/fieldnedir.htm>
2. Starting on page 3: <http://w4ava.org/articles/Field Day Reference Guide.pdf>

¹ Paraphrased from N6NA River City Amateur Radio Communications Society tips, <http://www.n6na.org/fieldday/field-day-prep>

FIFTH: LOGGING

After each QSO enter the QSO into the N3FJP Field Day Contest Log -- when you hit "enter" after the Section it will be entered. You can go back and edit or delete any entry by clicking on it. The Abbreviations are in the table right there on the screen for all the Sections. Use DX for any foreign stations.

Recent Contacts

Rec	Call	Class	Sec	Date / Time	Band	Mode	Country	Initials	Operator
254	K3SK	1D	SF	06/28 17:01	40	DIG	USA	LG	AA3YB
253	K4RGN	3D	NC	06/28 17:00	40	DIG	USA	LG	AA3YB
252	N8GQA	1E	AL	06/28 16:59	40	DIG	USA	LG	AA3YB
251	K9MYMI	1E	GA	06/28 16:53	40	DIG	USA	LG	AA3YB
250	K4AVG	1D	TN	06/28 16:47	40	DIG	USA	LG	AA3YB
249	WB4DOC	1D	NC	06/28 16:44	40	DIG	USA	LG	AA3YB
248	K4HRL	1D	NFL	06/28 16:40	40	DIG	USA	LG	AA3YB
247	WB4OSU	1E	NC	06/28 16:38	40	DIG	USA	LG	AA3YB
246	W4ZAK	1D	NC	06/28 16:36	40	DIG	USA	LG	AA3YB

Score Statistics

Total CW Contacts	0
Total Phone Contacts	12
Total DIG Contacts	237
Total QSO Points	486
QSOs / Hr (Last 20 min)	0
QSOs / Hr (Last 60 min)	0

Call Class Section

W1AW 5A CT

Possible Duplicates Any Portion

Section 1: DX, DE, EPA, CT, RI, EMA, ME, NH

Section 2: ENY, NLI, NNJ, NNY, SNJ, WNY

Section 3: 3, DE, MDC, EPA, WPA

Section 4: 4, AL, GA, KY, NC, NFL, PR, SC, SFL, TN, VA, VI, WCF

Section 5: 5, AR, LA, MS, NM, NTX, OK, STX, WTX

Section 6: 6, EB, LAX, ORG, PAC, SB, SCV, SDG, SF, SJV, SV

Section 7: 7, AK, AZ, EWA, ID, MT, NY, OR, UT, WWA, WY

Section 8: 8, MI, OH, IL, IN, WV, WI

Section 9: 9

Canada: AB, BC, GTA, MAR, MB, NL, NT, ONE, ONN, ONS, PE, QC, SK

Band: 20 **Mode:** PH **NF4AC** **2F** **NFL**

Bearing: 68 Miles: 1,051 7:47:30 AM 11:47:30 UTC 6/1/2021

SIXTH: SAVE YOUR VOICE -- *Consider Recording Canned Text On The 7300.*

It will save TIME and your VOICE, too!

Procedure to Record YOUR VOICE for canned texts on the ICOM 7300

1. Put the radio into a voice (LSB or USB) mode on a valid frequency with a dummy load or on a frequency where no one will hear you or be bothered.
2. Click the "MENU" button under the display (left button)
3. Touch the VOICE icon middle top row
4. You'll see T1-T8 soft keys and REC/SET / TX Level on the right.
5. Click REC/SET on the right
6. Click tthe option REC (for "record") (There must be an SD card present)
7. Click the T-button you wish to record
8. You can check your sound level and mic positioning by watching the REC LEVEL bar chart-- before you record.
9. When you are really ready, click the red RECORD button, record, and then click the white square STOP button. HINT: you do NOT need to click the mic button. Start talking IMMEDIATELY, and hit the STOP button IMMEDIATELY when you are done to save time.
10. Exit out of the menus, turn on the MON (press the multifunction button and adjust the MON display) and click the T-button to listen to what you recorded.

POSSIBLE VOICE CANNED TEXTS numbering synchronized with other modes	
1	(Long CQ) CQ Field Day CQ Field Day NF4AC November Foxtrot 4 Alpha Charlie Over
2	(Exchange) <manually say their call> 4F 4F NFL Northern Florida November Foxtrot Lima Over
3	
4	(QSL QRZ?) QSL 73 QRZ NF4AC November Foxtrot 4 Alpha Charlie Field Day
5	(Pounce) NF4AC November Foxtrot 4 Alpha Charlie
6	(QSL Exch) QSL 4F 4F NFL November Foxtrot Lima
7	

Note you need to be in LSB or USB, then click "MENU" and select VOICE to have access to click on a CANNED TEXT. You activate them by pressing the touch screen. (trim fingernails!)

N3FJP can also do the same function. Then you would activate canned text by using FUNCTION KEYS on the logging computer. However it requires a bit more setup to get working. If you wish to try it, we can help!

