

**What: The 62<sup>nd</sup> Jamboree On The Air (JOTA)**

<https://www.scouting.org/jota/>

**When: October 18<sup>th</sup> thru the 20<sup>th</sup> 2019 (TAARS Operational period is Saturday October 19<sup>th</sup>)**

**Setup for some equipment will be Friday the 18<sup>th</sup> at 1700 (5:00 PM)**

**Where: Chowan County Fairgrounds in Edenton, NC**

<https://www.google.com/maps/place/Chowan+County+Regional+Fair/@36.0559982,76.6503194,311m/data=!3m1!1e3!4m5!3m4!1s0x89af9022f9b02721:0xca1563e4a9ab3f65!8m2!3d36.0557454!4d-76.6501522>

### **The Setup Plan:**

- **Meet at the site Friday at 17:00**
  - ✓ **Walk thru (Planning)**
  - ✓ **Set up Tents, Banners, Antennas, Tables, Generators and other time consuming items.**
- **Meet at the site Saturday at 06:00**
  - ✓ **Continue to set up Antennas, Solar Panels and Handouts.**
  - ✓ **Operational Testing at 08:30 and/or as progress permits.**

### **The K4WO Operating Plan:**

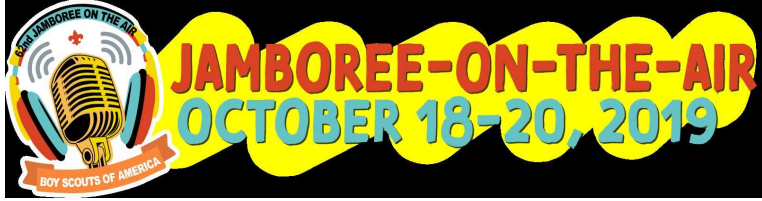
- **3 to 4 Stations- HF, VHF, UHF**
  - ✓ **Providing any combination of modes- Phone; DMR; Digital; CW, FM, USB, LSB, APRS, SSTV, Satellite and Repeater.**
- **Operating Times-**
  - ✓ **09:00-12:00**
  - ✓ **Lunch**
  - ✓ **13:00-17:00**
  - ✓ **Dinner**
  - ✓ **19:30-2200**
  - ✓ **22:00 Continuing TBD and/or participant depending.**

**Clean up and teardown as needed and/or TBD participant depending.**

**For additional operational information, please see-**

<https://www.scouting.org/jota/operators-guides/>

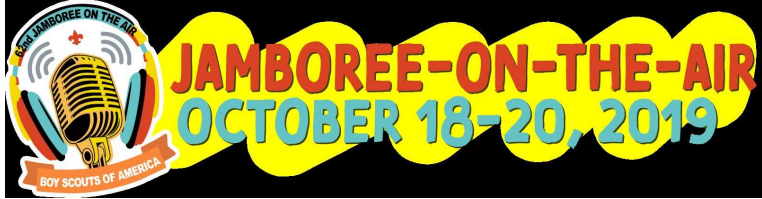




## **SOME SUGGESTED JOTA OPERATIONAL FREQUENCIES AND MODES-**

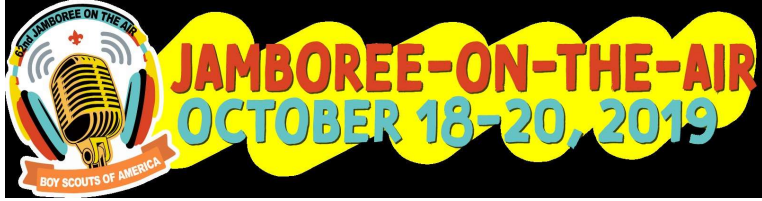
### **HF SSB Voice**

<b>Band</b>	<b>WOSM Calling Frequencies</b>	<b>Suggested Band Segment for US Stations</b>	<b>Notes</b>
<b>80 m</b>	3.940 & 3.690(1)	3.920 – 3.940 3.670 – 3.690 (1)	(1) Extra segment
<b>40 m</b>	7.190 & 7.090 (2)	7.180 – 7.200 7.270 – 7.290	(2) 7.090 not available in Region 2
<b>20 m</b>	14.290	14.270 – 14.290 14.320 – 14.340	
<b>17 m</b>	18.140	18.140 – 18.150	
<b>15 m</b>	21.360	21.360 – 21.400	
<b>12 m</b>	24.960	24.960 – 24.980	
<b>10 m</b>	28.390 (3)	28.350 – 28.400 (3)	(3) Includes Novices & Techs
<b>6 m</b>	50.160	50.160 – 50.200	



## HF CW

Band	WOSM Calling Frequencies	Suggested Band Segment for US Stations	Notes
<b>80 m</b>	3.570 (3)	3.560 – 3.570 (3)	(3) Includes Novices & Techs
<b>40 m</b>	7.030 (3)	7.030 – 7.040 (3)	(3) Includes Novices & Techs
<b>20 m</b>	14.060	14.050 – 14.060	
<b>17 m</b>	18.080	18.070 – 18.080	
<b>15 m</b>	21.140 (3)	21.130 – 21.140 (3)	(3) Includes Novices & Techs
<b>12 m</b>	24.910	24.900 – 24.910	
<b>10 m</b>	28.180 (3)	28.170 – 28.180 (3)	(3) Includes Novices & Techs
<b>6 m</b>	50.160	50.150 – 50.160	



## HF PSK-31

Call CQ JOTA. The chart below shows the commonly used frequencies for PSK-31.

Band	Frequency	Notes
80 m	3.580	
40 m	7.080 (4)	(4) Region 2 (USA). 7.040 to 7.060 for Regions 1 & 3
30 m	10.142	
20 m	14.070 (5)	(5) Most activity for JOTA will be on 20 m
17 m	18.100	
15 m	21.080 (6)	(6) Most activity can be found at 21.070
12 m	24.920	
10 m	28.120	

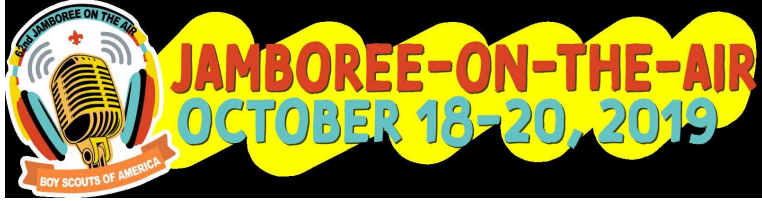
## 2 Meter FM Simplex

147.450, 147.480, 147.510, 147.540\* \* Use 147.540 as Calling Channel. Always listen first to avoid interfering with another QSO or auxiliary or control link. Avoid 146.520, the National FM Simplex Calling Frequency, as well as 146.550, which is commonly used by mobiles and RVers.

## 70 CM FM Simplex

446.000\*, 445.950, 446.050, 446.100, 446.150 \* Use 446.000 as Calling Channel. Always listen first to avoid interfering with another QSO or auxiliary or control link.





## D-STAR

REF033A has been allocated as a full-time JOTA/Radio Scouting D-STAR Reflector. After contact is established, stations should disconnect from REF033A and connect to one or other repeater or migrate to an unused Reflector.

SIMPLEX Channels: 145.670\*, 145.640, 145.610, 438.010. \* 145.670 and 438.010 are commonly used as the National D-STAR Simplex Channels and should be used only as Calling Channels for JOTA. Always listen first to avoid interfering with another QSO.

## DMR

All wide area talkgroups are permitted for use for JOTA for establishing contacts. After contact is established, stations should utilize as few resources as possible. For international, national, and regional QSO's, stations should move their transmissions to one of the DMR-MARC UA talkgroups or to the DCI TAC-310 talkgroup.

For intrastate contacts, stations may use their area's statewide talkgroup (if applicable). The use of your repeater's local talkgroup (if applicable) is always permitted.

SIMPLEX Channels: 441.0000\*, 446.5000, 446.0750, 433.4500, 145.7900\*, 145.5100. All simplex frequencies operate on time-slot 1 and use color code 1. (\*are commonly used as the National DMR Simplex Channels and should be used only as Calling Channels for JOTA. Always listen first to avoid interfering with another QSO.)

## IRLP

Use Topic Channel Node 9091 as a Common Meeting Place or Calling Channel. After contact, disconnect from 9091 and one station should connect to another's local node.

## EchoLink

Software or apps available for Windows, Mac, iPhone/iPad, and Android. Dedicated Conference Node \*JOTA-365\* (node 480809). When contact is made on a Conference Node, it is recommended the two parties establish direct contact with each other to free up the Conference Node.

## APRS

144.390

**All Club members are encouraged to participate, as this is what we do for the kids and the future of Amateur Radio!**