

Scouting and Radio

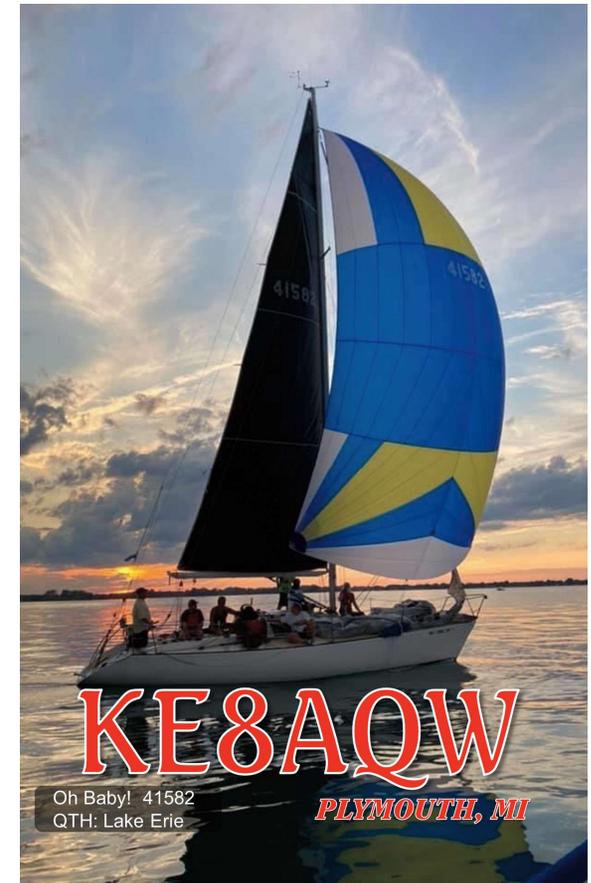
KE8AQW



About me



- Licensed in 2015
- Eagle Scout 2010
- W8AXZ Trustee
- Ford Amateur Radio League President



KE8AQW

Michael Fluegemann
12496 Howland Park Dr
Plymouth, MI 12496 USA

Wayne County – EN82fi

Comments:

CQ Zone 4
ITU Zone 8

Plymouth

73, Michael #226 #22304 PSE QSL TNX

| Confirming QSO with | DATE Day/Month/Year | UTC | MHz | RST | MODE |
|---------------------|------------------------|-----|-----|-----|------|
| | | | | | |

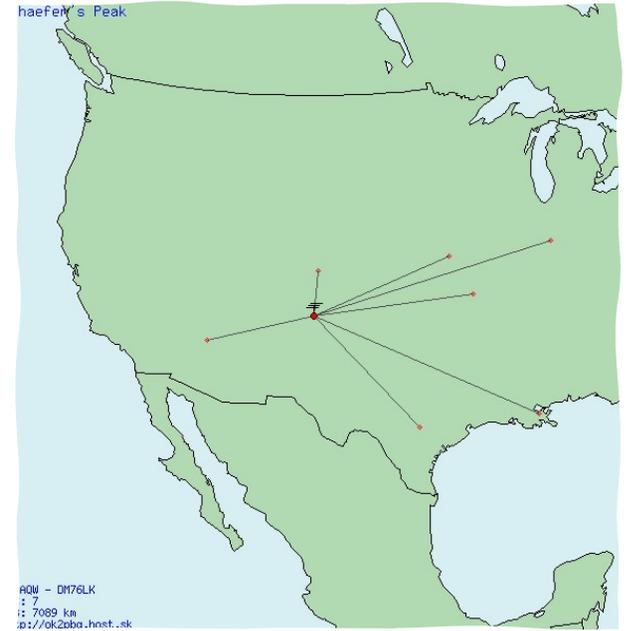
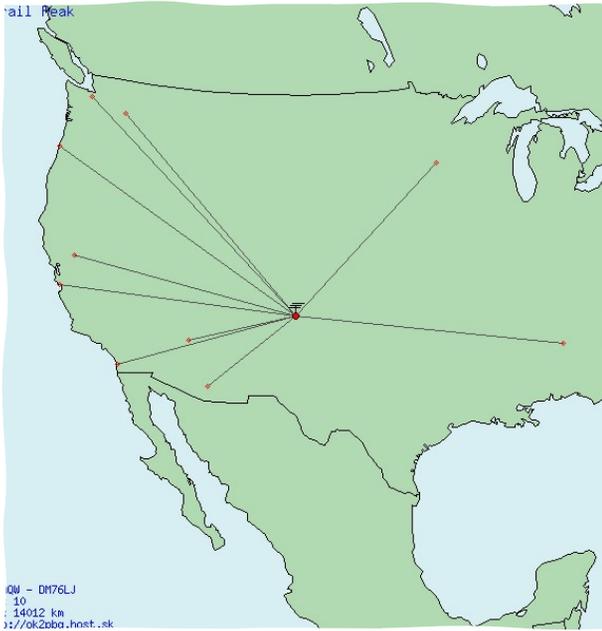




Philmont Scout Ranch - SOTA



Philmont Scout Ranch - SOTA



Philmont Scout Ranch - SOTA

Philmont Scout Ranch - Philmont

| | | |
|-----------------------|---------------|----------------------|
| Trail Peak | DM76lj | |
| Call | Name | location |
| W7GB | Don | Moses Lake, WA |
| W6DT | Wayne | Meadow Vista, CA |
| WU7H | Josh | Lake Forest Park, WA |
| K6DDT | Derick | Santa Cruz, CA |
| K7WDA | Wayne | Tuscon, AZ |
| N7RL | Ray | Newport, OR |
| WB0CFF | Carl | Belle Plaine, MN |
| WN4AT | Joe | Sterrett, AL |
| W6TED | Ted | San Diego, CA |
| KB7HH | Jack | Chino Valley, AZ |
| | | |
| Mt Phillips | DM76ki | |
| K6YK | John | Stockton, CA |
| WW7D | DJ | Redmond, WA |
| WB6POT | Pete | San Jose, CA |
| KR7RK | Keith | Flagstaff, AZ |
| KD7MRJ | Adam | Cave Creek, AZ |
| | | |
| Shaefer's Peak | DM76ik | |
| W5OS | Joe | Marrero, LA |
| W0MNA | Gary | Leavenworth, KS |
| W0ELI | Eli | Colorado Springs, CO |
| W9MRH | Michael | Terre Haute, IN |
| AC7P | Don | New Braunfels, TX |
| K0LAF | Charles | Republic, MO |
| KB7HH | Jack | Chino Valley, AZ |



National Jamboree

- Summit Bechtel Reserve – WV
- ~9,000 scouts ~14,000 total participants & volunteers
- July 19-28th



National Jamboree





National Jamboree



National Jamboree



National Jamboree

- Unpacking and assembling antennas



National Jamboree

- Radio demos and SOTA activation



National Jamboree

- Radio Demos



National Jamboree

- Radio Demos



National Jamboree

- After hours operating



Morse Code Interpreter Strip – 2012



ARRL and BSA MOU – 2011

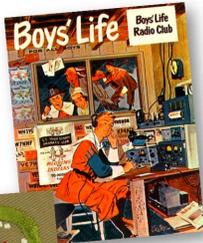


**JAMBOREE
ON THE AIR**
1.3 MILLION SCOUTS
11,000+ STATIONS
157 COUNTRIES

K2BSA National License – 1971

K2BSA

K2BFW, First BSA National License – 1951



Radio Merit Badge – 1923



Wireless Merit Badge – 1918



ARRL Service to Scouting Award – 2015



Amateur Radio Operator Rating Strip – 2013



2008



2001



1989



1965



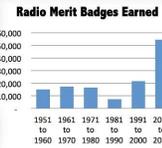
1947



1940



1927



**NATIONAL
SCOUT
JAMBOREE
50,000+
SCOUTS
ON THE AIR**

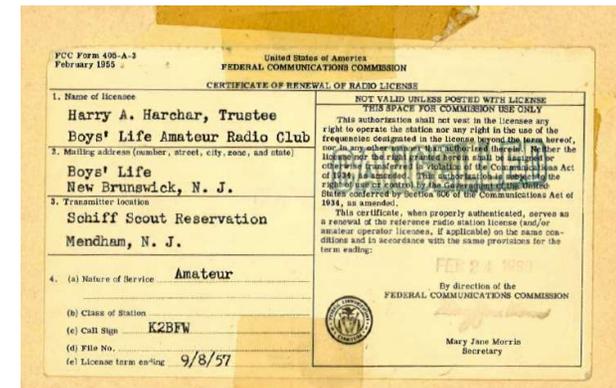
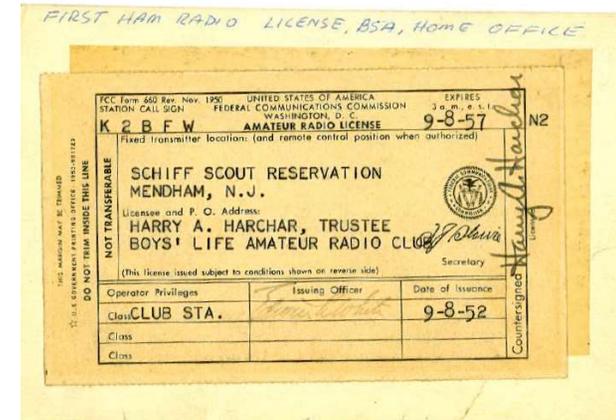
1977 to 2013, K2BSA
1973, KJ7BSA & KJ3BSA
1969, KF7BSA
1964, K3BSA
1960, KØBSA
1957, K3BSA
1953, K6BSA



K2BSA



- Original Call K2BFW -Boys Life Radio Club – North Brunswick, NJ
 - Hallicrafters SX-111 receiver, HT-37 transmitter, HT-33 power amplifier, EV-664 microphone from Electro-Voice, Telrex Tower & 3 band beam and rotor.
 - Hammarlund & Heathkit also donated
- K2BSA awarded to National Scout Headquarters in 1971
- K2BSA was off the air after the BSA headquarters moved to Dallas in the 90s, but was back on the air in 2000



Scout Camps on the Air

- Awards program for Scouts & Scouters operating from a BSA Camp. SCOTA
- Points available for Scout Stations not at a BSA camp. SSCOTA
- 50 points needed, points per contact vary
- <https://k2bsa.net/scout-camps-on-the-air/>
- Awards available for All radio Amateurs
- Awards for Scout Camps that have stations



Radio Merit Badge

- First created as Wireless Merit Badge 1918
- First Radio Merit Badge in 1923
- Last year ranked 81/139 and had the largest increase in ranking from 2021



Requirements include:

- Learning about radio, propagation, FCC
- Visiting a station
- A deep dive into one of the following, Ham, SWL, Broadcast or RDF

- <https://blog.scoutingmagazine.org/2023/02/28/2022-merit-badge-rankings-a-new-chart-topper-emerges/>



Radio Merit Badge



Uniform

Morse Code Interpreter strip



- Carry on 5 min conversation
- Decode a 2 min message
- Send a 25 word document
- Minimum 5 wpm proficiency

Amateur Radio Operator Strip



- Any licensed operator can wear this patch on their sleeve



ARRL Service to Scouting Award

- <https://k2bsa.net/arrl-service-to-scouting-award/>
- Started in 2014
- Recognizes scout leaders who provide a memorable radio experience for scouts
- Knot is worn on uniform
- Nomination form on [ARRL site](#)

Jamboree on the Air

- 3rd full weekend in October
- Largest international scouting event
- Echolink: JOTA 365, WV2BSA
- DMR: 33A
- This year October 21-22
- D-A Scout Ranch 10 am – 4 pm
- Sunday 9 am – 1 pm merit badge



- World Scout Frequencies

| Band | SSB (phone) | CW (Morse) |
|------|-------------------|------------|
| 80 m | 3.690 & 3.940 MHz | 3.570 MHz |
| 40 m | 7.090 & 7.190 MHz | 7.030 MHz |
| 20 m | 14.290 MHz | 14.060 MHz |
| 17 m | 18.140 MHz | 18.080 MHz |
| 15 m | 21.360 MHz | 21.140 MHz |
| 12 m | 24.960 MHz | 24.910 MHz |
| 10 m | 28.390 MHz | 28.180 MHz |
| 6 m | 50.160 MHz | 50.160 MHz |

How you can get involved?

- Merit Badge Counselor
 - Engineering, Chemistry, Radio, Digital Technology, Electronics, Programming, Robotics, etc
- Unit Leader
 - Cub Scouts, Scouts BSA, Venturing, Sea Scouts
 - Beascout.org
- District or Council level
 - Commissioner
 - Committee member
- <https://michiganscouting.org/volunteer/>

BSA Adult Application



- <https://filestore.scouting.org/filestore/pdf/524-501.pdf>
- <https://filestore.scouting.org/filestore/pdf/34405.pdf>

Merit Badge Counselor Application



Eagle Scout Alumni Link



How you can get involved?

NATIONAL EAGLE SCOUT ASSOCIATION



MICHIGAN CROSSROADS COUNCIL

- <https://michiganscouting.org/eaglealumni/>
- Monthly networking & volunteer opportunities
- Host annual Eagle Scout Award Recognition Dinner
- Assist with Eagle Scout Board of Reviews

How you can get involved? JOTA

- Volunteer
 - Need 10 volunteers to run event
 - Will include 2-3 HF, & 1 VHF/Echolink or DMR
 - Fox Hunt
 - Merit Badge on Sunday
- Donate
 - Would like to raise \$400
 - \$3.49/patch
 - \$50 for a stack of QSL cards
 - Equipment for stations/fox hunt



Thank you

- Photos were used with permission from K2BSA Jamboree Media Lead
- Email me for more information: ke8aqw@arrl.net
- Zelle: 734-751-5513
- PayPal: paypal.me/MichaelFluegemann



Michael Fluegemann

@Michael-KE8AQW



venmo