

GOTA Station

K5LBJ, the LASA High School Amateur Radio Club
Austin, TX

Captain: Ronny Risinger, KC5EES

“Get On The Air” (GOTA)

4.1.1. Get-On-The-Air (GOTA) Station. Any Class A (or F) entry whose transmitter classification is two or more transmitters may also operate one additional station without changing its base entry category, known as the GET-ON-THE-AIR (GOTA) station. **This GOTA station may operate on any Field Day band, HF or VHF, but is limited to one GOTA station transmitted signal at any time.**

4.1.1.1. This station **must use a different callsign** from the primary Field Day station. The GOTA station must use the same callsign for the duration of the event regardless if operators change. **The GOTA station uses the same exchange as its parent.**

ARRL Field Day Rules
allows for GOTA

Station for:

1. Public Participation
2. Fun

Club is rewarded with Bonus points.

7.3.13. GOTA Bonus. Class A and F stations operating a GOTA station may earn the following bonus points:

7.3.13.1. When a GOTA operator successfully completes 20 QSOs, they receive 20 bonus points. Upon reaching an additional 20 QSOs the same operator receives a second 20 bonus points, up to a maximum of 100 Bonus points per GOTA operator. An operator may make more than 100 QSOs but the QSOs over 100 do not qualify for an additional bonus.

7.3.13.1.1. Additional GOTA operators may earn the GOTA bonus points under this rule, up to the maximum of 500 bonus points. (Remember that there is a 1000-QSO limit for the GOTA station. But no single GOTA operator may earn more than 100 of the GOTA bonus points except as provided in 7.3.13.2.)

7.3.13.1.2. A single GOTA operator must complete all 20 QSOs required before the bonus is earned. There is no "partial credit" for making only a portion of the 20 QSOs or "pooling" QSOs between operators.

7.3.13.2. If a GOTA station is supervised full-time by a GOTA Coach, the bonus points earned for each 20 QSOs completed under Rule 7.3.13.1. will be doubled.

7.3.13.2.1. The GOTA Coach supervises the operator of the station, doing such things as answering questions and talking them through contacts, but may not make QSOs or perform logging functions.

7.3.13.2.2. To qualify for this bonus, there must be a designated GOTA Coach present and supervising the GOTA station at all times it is being operated.

Bonus, you say?

Maximum 500 Bonus Points:

1. 20 points for each 20 QSOs by single OP
2. Points doubled if GOTA Captain present

GOTA Station in Action



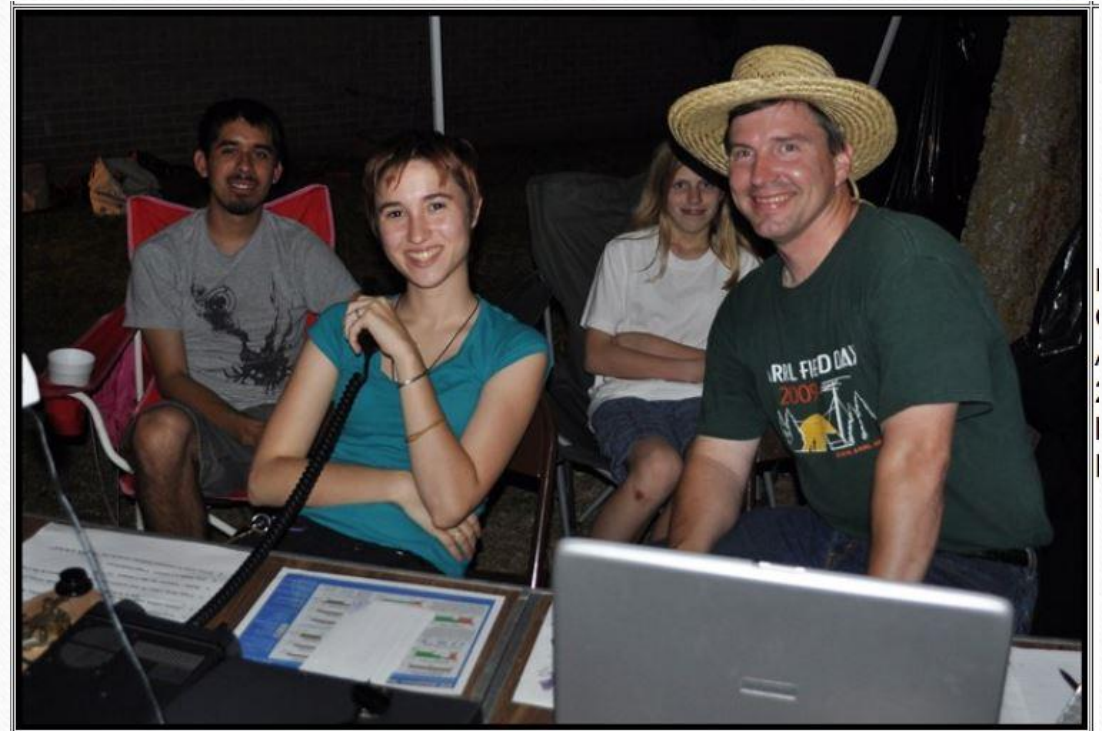
Ronny Risinger, KC5EES, pictured far right, supervises a "Get On The Air" (GOTA) contact by a TX State Representative during Field Day, 2013.

Get Kids on the Air

7.3.15. Field Day Youth Participation:

7.3.15.1. A 20-point bonus (maximum of 100) may be earned by any Class A, C, D, E, or F group for each participant age 18 or younger at your Field Day operation that completes at least one QSO.

20 point Bonus for **EACH**
Op age 18 or younger who makes
a QSO.



K5LBJ as GOTA Station



Liberal Arts & Science Academy (LASA) High School formed Radio Club, K5LBJ, in 2004.

Austin Amateur Radio Club was vital to its formation.

Roger Wines & Jerry Jackson urged school club formation.

Ronny Risinger, KC5EES, is Teacher/Trustee.

Joe Fisher, K5EJL, has served as Elmer since 2004.

K5LBJ Outreach to Youth



Inaugural LASA High
School Amateur Radio
Club members.

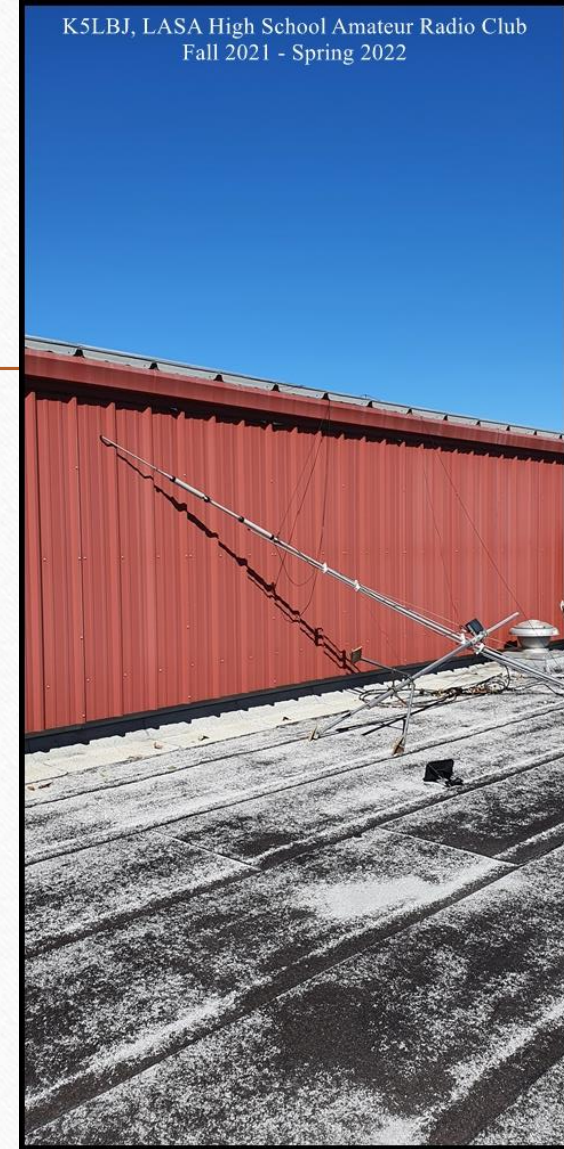
Fall 2004



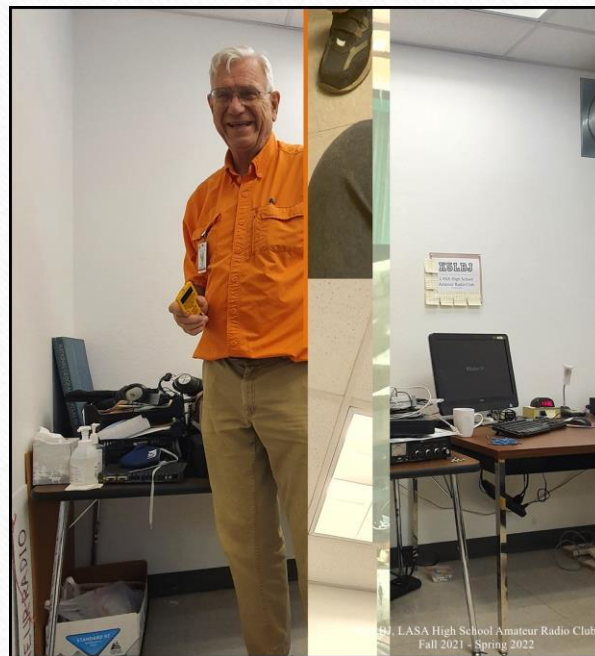
K5LBJ QTH

K5LBJ moved from
LBJ High to Johnston
High Campus in Fall
2021.

There were...issues.



K5LBJ Rises



Joe Fisher, K5EJL, was essential to rebuilding K5LBJ Station.
He has served as K5LBJ Elmer since 2004.



K5LBJ main rig is Icom 706MiiG

Antennas Erected on School Roof

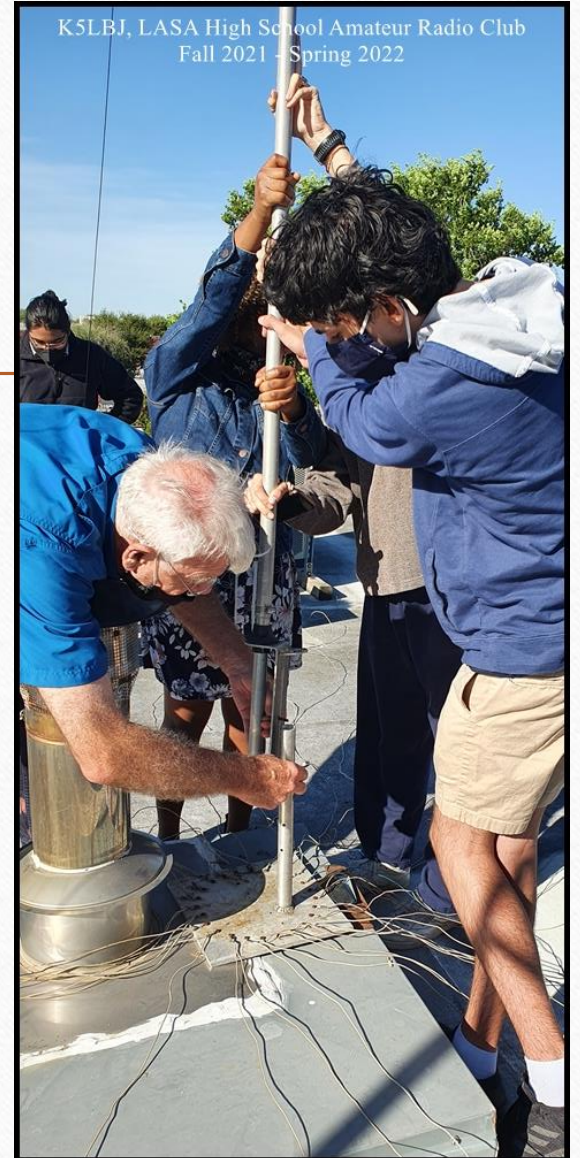


During Fall 2021, students in the [Amateur Radio elective](#) course raised K5LBJ vertical on school roof.

HF Vertical in Place

K5LBJ main antenna is Vertical mounted on School roof.

Antenna is anchored by ropes tied to concrete blocks.





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Fall 2021 - Spring 2022

Dipole Mast Rises

Students in Spring 2022 [Amateur Radio elective course](#) erected the Push-Up Mast to erect K5LBJ Dipole Antenna.

Mast is anchored by wire mounted to A/C foundation beams.



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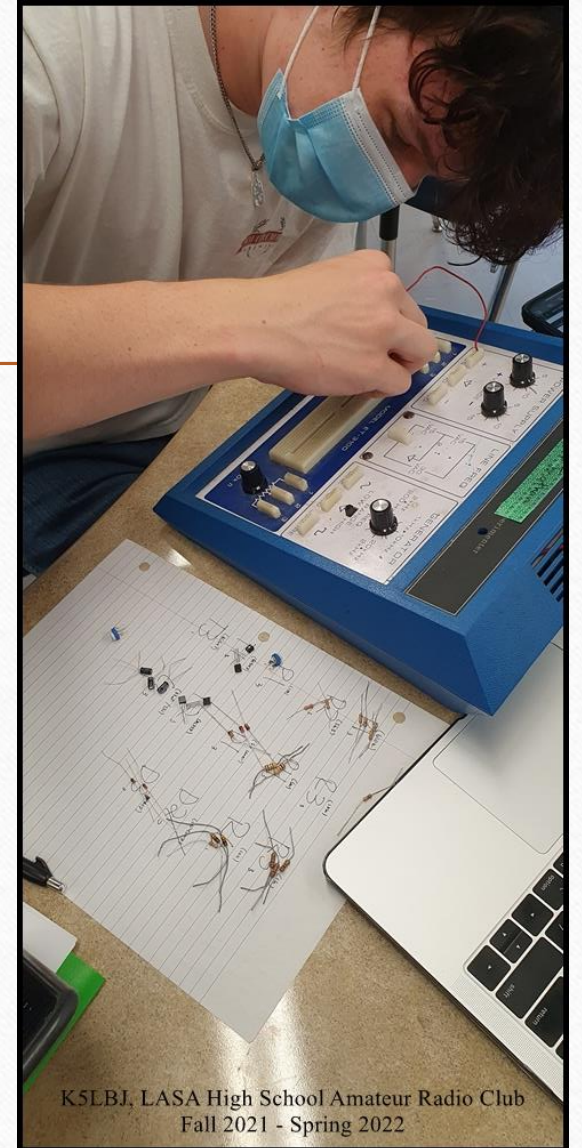
Amateur Radio Elective

LASA High students can take an elective course: Amateur Radio.

Taught by Risinger, KC5EES, and Elmered by Fisher, K5EJL, students learn basics of Radio towards goal of earning Technician & General Class Licenses.



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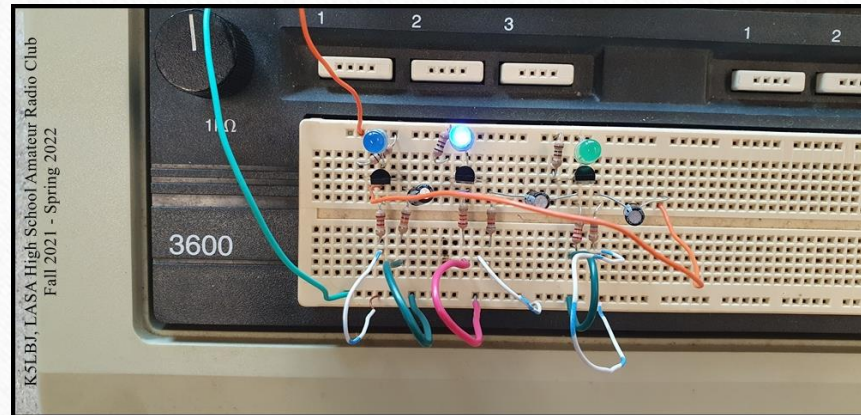
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Electronic Fundamentals

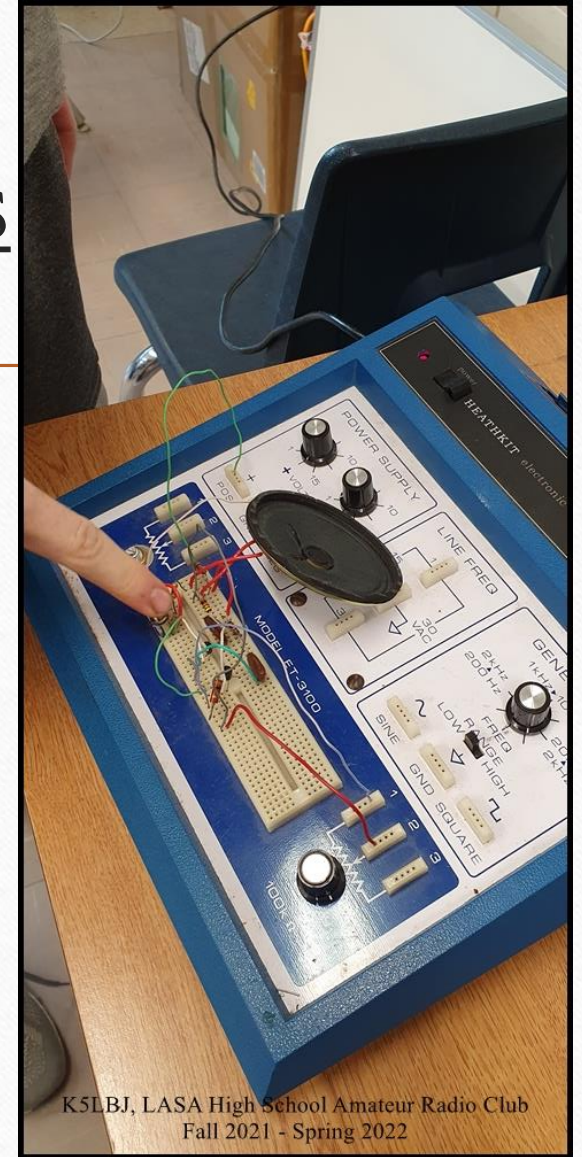
Students build a CW Oscillator Circuit and a Sequential On/Off LED Blinker Circuit.



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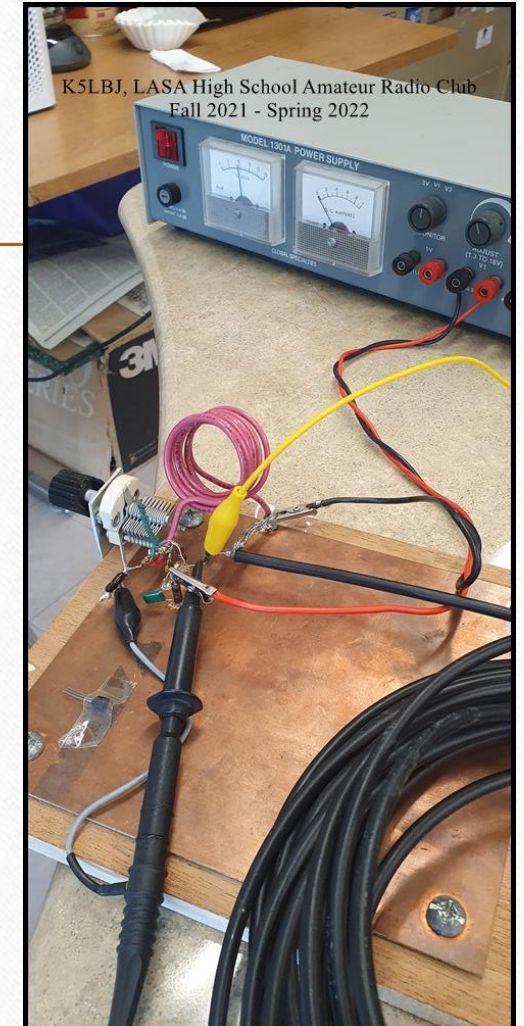
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Demo of 40m Homebrew Transmitter



K5LBJ Elmer, Joe Fisher, K5EJL, demonstrates homebrew 40 meter transmitter.

Students need explanation of concepts and ability to **SEE** them in action.

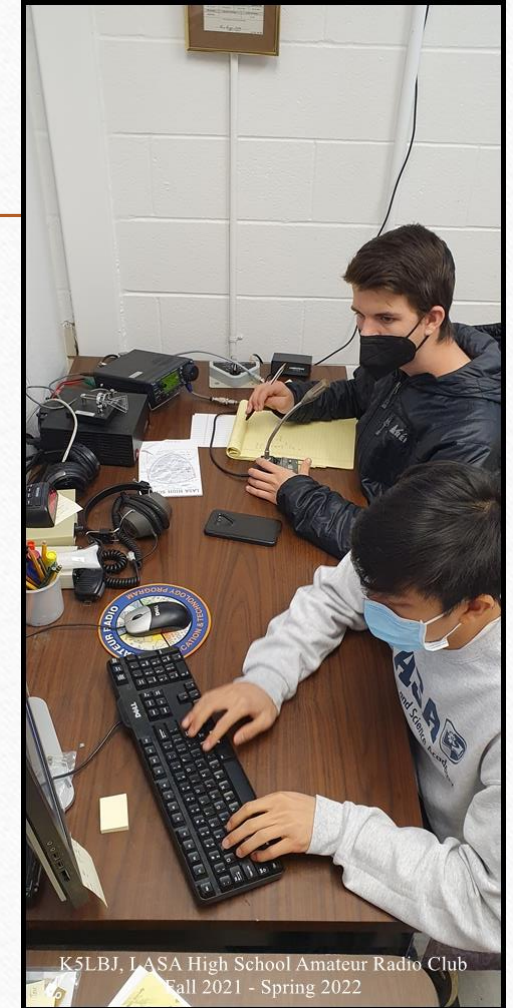
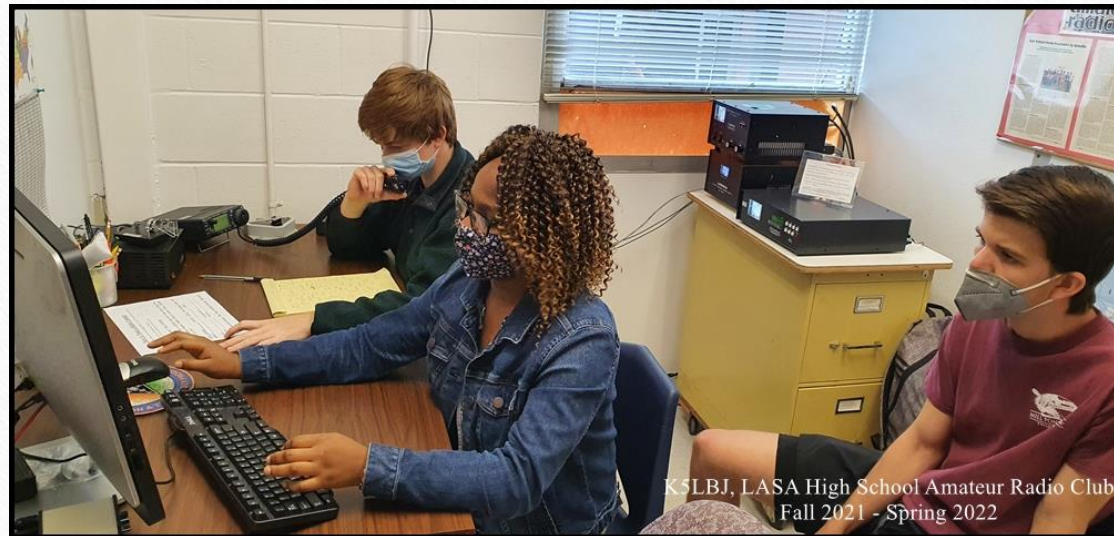
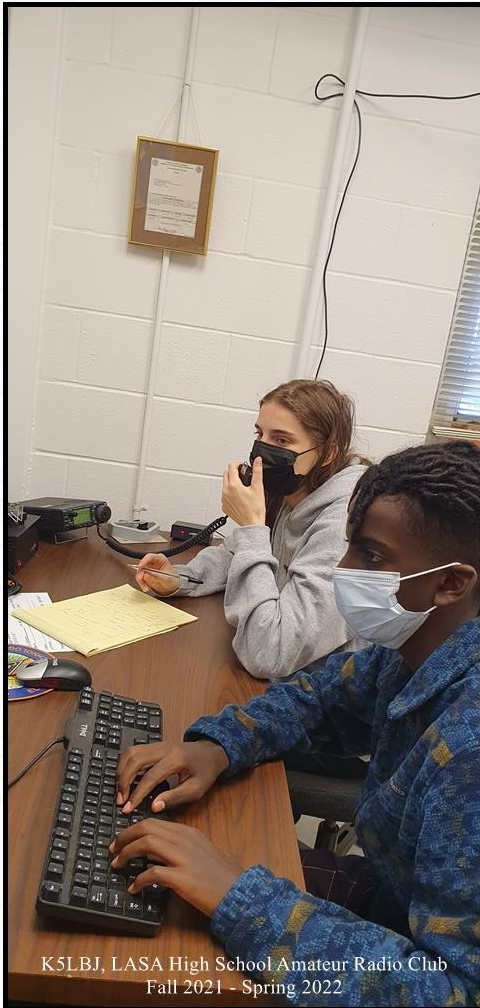


Contesting is Key (School Club Roundup)

School Club Roundup Contest occurs in Fall & Spring.

It allows students to compete to make most contacts in 24 hours during a single week.

K5LBJ has placed 1st in this contest 5 times since 2005.



K5LBJ in Action



K5LBJ trains new Amateur Radio operators.

They are even featured on the front of the [ARRL License Manual!](#)

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Fall 2021 - Spring 2022



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Contest Success: Contacts & QSLs



K5LBJ's Contest Summary Report for ARRL School Club Roundup

Created by N3FJP's School Club Roundup Contest Log
Version 2.5.1 www.n3fjp.com

Total Contacts = 737

Total States and Provinces Worked = 54

Total Countries Worked = 5

Total Number of Clubs Worked: 6 clubs X 2 multipliers each = 12

Total Number of Schools Worked: 25 schools X 5 multipliers each = 125

Total Multipliers = 196

Total QSO Points = 737

Total Score = 144,452

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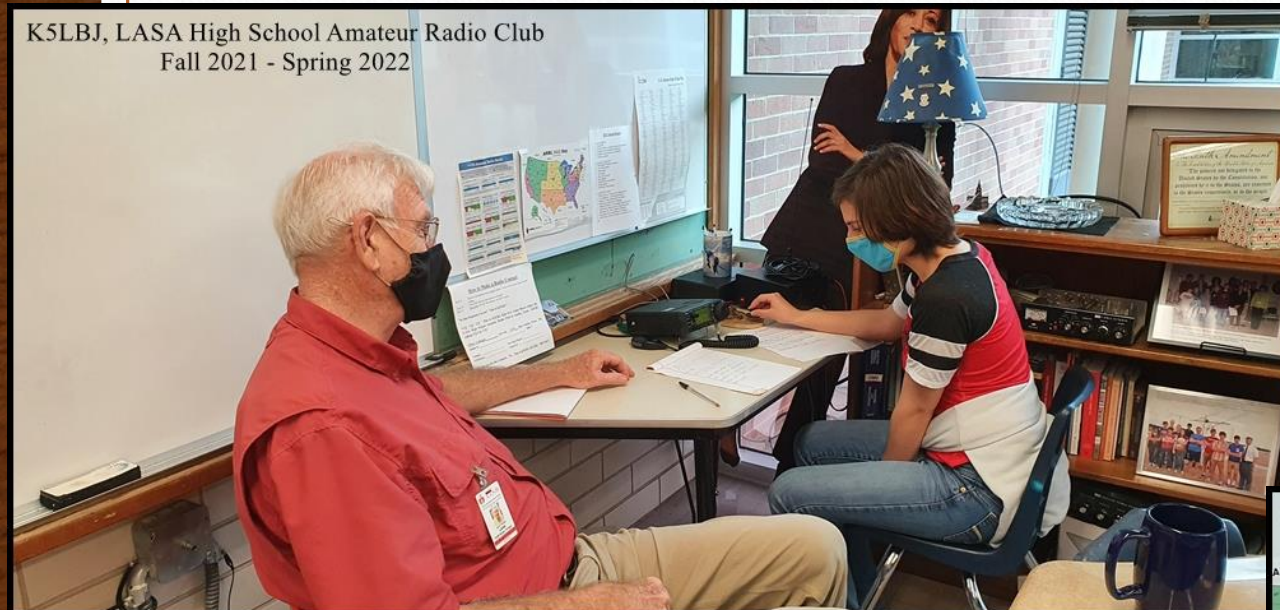


What about CW?



On 12-10-2021, Helen Bigge made the first K5LBJ radio contact using Morse Code from the new LASA campus.

She "spoke" with Kelly, KE4MAC, in central North Carolina (1,150 miles away)!



K5LBJ obtains DXCC

K5LBJ Celebrates Contact with 100 International Entities (DXCC) 100 DX Entities achieved on March 10, 2022

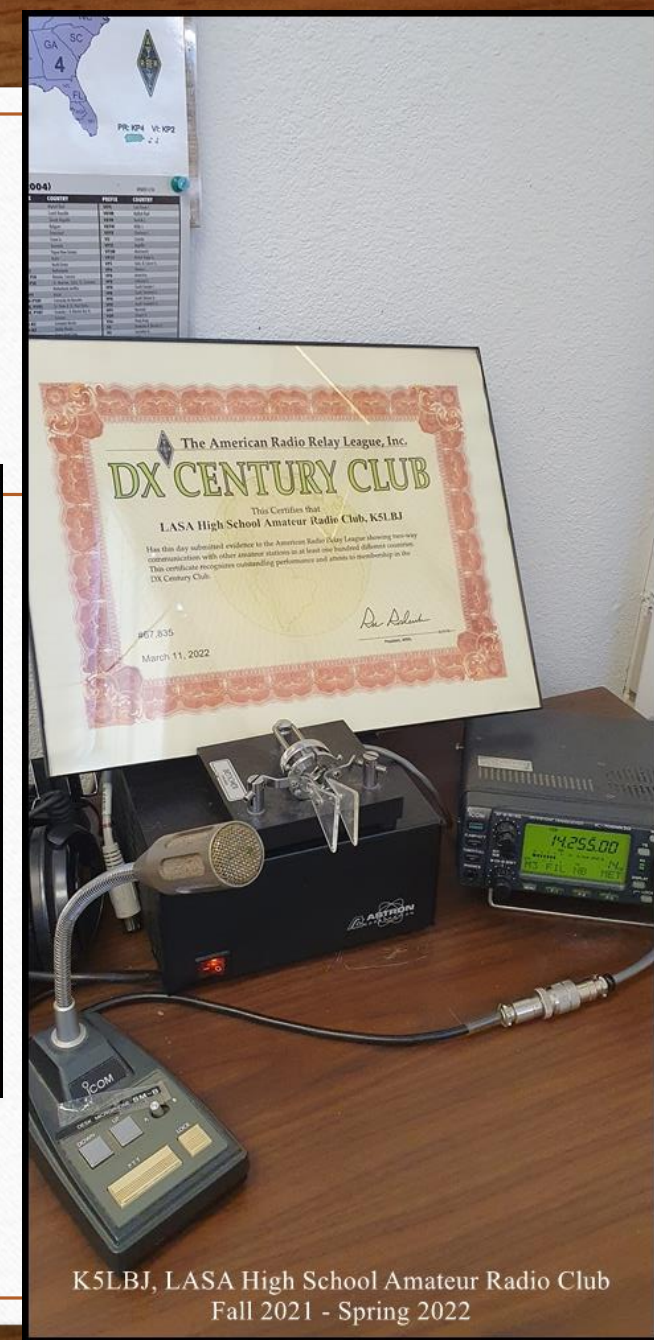
DXCC Entity	Mixed		
ALASKA	KL7NO	HUNGARY	HA3NU
ANGUILLA	VP2ETE	INDONESIA	YB0DJ
ARGENTINA	LU2UF	IRELAND	EI8UJ
ARUBA	P40W	ITALY	IK2SGB
ASIATIC RUSSIA	UA0BA	JAMAICA	8Y6Y
AUSTRALIA	VK7XX	JAPAN	JA7QJ
AUSTRIA	OE2013A	JERSEY	GJ8DX
AZORES	CU2AF	JUAN FERNANDEZ ISLAND	3G0ZC
BAHAMAS	CB8AB	KALININGRAD	UA2FR
BALEARIC ISLANDS	AM890VQ	KUWAIT	9K53ND
BELARUS	EY1R	LITHUANIA	LY7Z
BELGIUM	ON6SX	LORD HOWE ISLAND	VK9DLX
BELIZE	V31TE	LUXEMBOURG	LX7I
BERMUDA	VP9/W6PH	MADEIRA ISLANDS	CT8/OM3GI
BONAIRE	PJ4/K9KG	MEXICO	9I2EX
BOSNIA-HERZEGOVINA	E7DX	MONGOLIA	J11CQ
BRAZIL	PY1PDF	MONTENEGRO	4O3A
		MOROCCO	9N2PM
		NETHERLANDS	P14CC

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After participating in DX Contest, K5LBJ achieved DXCC on March 10, 2022.



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Time to GOTA!



Thanks to you...and Ron, W5RKN (SK)



Mentors for April 17, 2018, direct radio contact between Salado Intermediate School and the International Space Station.

(L-R) Ronny Risinger (KC5EES), Colleen Gilchrest, Ron Parsons (W5RKN), and Laura Tomlin. Colleen and Laura were the teachers that championed the ISS Contact.