



W5AC April Meeting

04/11/2019

W5AC, the Texas A&M University amateur radio club. Est. 1912

President's Report

- Welcome
- Pledge of Allegiance
- Prayer of Invocation
- T-Shirts
- Water Damage



President: Will you bow your head as I pray?

God of all Creation,

We come before you today to give you honor and praise.

Audience: You are worthy of praise.

President: You are the source of all that is good. You are the source of all of our blessings.

Audience: Thank you for every gift that we have been given.

We thank you for the opportunity to come and gather together this day.

We ask for your hand of blessing on this meeting.

We ask that you would guide and direct our meeting so that it is full of wisdom, productivity, and respect for one another.

Thank you for helping us to accomplish our work and our goals this day.

Audience: Amen

President's Report

- Welcome
- Pledge of Allegiance
- Prayer of Invocation
- T-Shirts
- Water Damage

Vice President's Report

- The intermod! It's back!
 - Tried briefly running split-antenna
 - Intermod was still an issue
 - Looking in to PL Encode-follows-COR
 - (Ask KI5CLW, he's listened to my ramblings.)
 - I've got the CG encode board with me to modify

Treasurer's Report

- Club Finances
 - ARRL Test Fees
 - Donations
 - General



Secretary's Report

- March Minutes

W5AC, the Texas A&M University amateur radio club. Est. 1912

March Meeting Minutes



WSAC
Texas A&M University Amateur Radio Club



- **WWWOWW:** KE0MXX remarked that for the 100th anniversary of WWW, the local club needs operators for their special event station in September.
- Adjourn:** At 0243Z, KISLW motioned to adjourn. KISLW seconded this motion, and it passed without opposition. The meeting adjourned at 0243Z.
- Test Sessions:** At the conclusion of the meeting, KISLW passed her E3 and E4 exams to become an Amateur Extra class operator.
- Presentations:** KISLW, NSAC, and WA3MW presented on FlexRadio Systems, the FLEX Maestro, and the FLEX 6700. WSAC thanks them for coming out to demonstrate this equipment and share stories with us!
- Addendum:** After the meeting, KZ3G et al. discussed putting together a drive for WSAC members with a multi-year plan. Anyone wishing to join that drive should contact one of the club officers.

Respectfully submitted,
Jace Nelson / KE0MXX
TAMU ARC Secretary

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- **Webmaster's Report**
 - **Update:** AC5JH reported that the updated website should be done over Spring Break. KISLW asked if the mobile version would follow a mobile-friendly format, and AC5JH responded that it would.
- **Director of Operation's Report**
 - **Belton and Houston HamFests:** KISBV reported that WSAC intends to go to both Houston and Belton HamFests and that interested parties should contact the ListServ soon.
 - **CQ Muster:** KISBV reported that WSAC needs operators for CQ Muster and KZ3G asked if WSAC would involve Corps of Cadets members and do Muster on the quad. WSAC suggested no.
- **Motions and Votes**
 - **Treasurer's Report:** KISLW motioned to accept the treasurer's report. KMAOP seconded the motion. The motion passed without opposition. The meeting of the quorum requirement of eight members was certified by KE0MXX.
 - **February Meeting Minutes:** KISLW motioned to accept the February Meeting Minutes as read. KZ3G seconded the motion. The motion passed without opposition. The meeting of the quorum requirement of eight members was certified by KE0MXX.
 - **Constitutional Amendment 2018-2019-4:** KISLW motioned to accept the amendment. KMAOP requested a point of information about how the change would not reintroduce conflict, and KISLW responded that the non-voting membership option corrected the problem. KZ3G seconded the motion. The motion passed without opposition. The meeting of the quorum requirement of eight members was certified by KE0MXX.
 - **Constitutional Amendment 2018-2019-5:** KE0MXX read the new amendment. WSAMN, KMAOP, and KE0MXX discussed changes necessary to keep the intent of some sentences in the amendment, and it was modified before being postponed. KISLW motioned to postpone the amendment for vote until the April 2019 meeting. KZ3G seconded the motion, and the motion passed without opposition. The meeting of the quorum requirement of eight members was certified by KE0MXX.

Club Business

Old Business

- **CQ Muster:** KE0MXX et al. reported that on 21 April 2019, the club will hold CQ Muster net at 1900, with the VHF net being moved to 2100 on the same day. The executive committee is still looking for volunteers to run this event. The CQ Muster will be held from 19-22 April 2019. This current basic schedule plan was proposed: 0900-1700L on Friday, Saturday, and Sunday with various modes on HF during this time. At 1800L on Sunday, have the HF net (conditions permitting), and then continue at-will until campus Muster on Monday. KZ3G suggested the club operate on campus, specifically in the Quads. WSAMN requested QSL card designs.
- **ARRL School Club Roundup:** KE0MXX noted that the club competed in the School Club Roundup but that results were not yet reported.

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WSAC
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- **New Business**
 - **Ideas by WSAMN:** WSAMN suggested having a cookoff or bowling tournament to finish the year. WSAMN et al. suggested improving signage, and WSQZ et al. responded that temporary signage is allowed but permanent signage is a liability. KZ3G et al. suggested working with Childrest, but WSAC said that it would be difficult.
 - **Grounding:** WSAMN also suggested that WSAC finish grounding the station. WSQZ remarked that the locations for the grounding rods are both marked and well-off and that there should not be much under the ground to worry about other than the power lines which were moved under the shack, and that the University did not consider RF when it installed the current grounding. KZ3G suggested that it be done the right way the first time, and asked if WSAC would get hold of the University to mark the ground or perform the work. KZ3G remarked that tools for the ground rod insertion are available when needed.
 - **2021:** KISBV suggested that WSAC contact KISLW about arranging a transmission of the football game to honor the 1921 transmission of the TAMU-LU game.
 - **QSL Cards:** NSAC et al. jokingly noted that WSAC should use the Flex Radio waterfall but color it maroon and write "Gig 'Em Aggies" in the waterfall for the QSL card.
 - **Newsline:** WGGEM proposed having a news line over the repeater.
 - **Openings:** KISLW noted that the Executive Committee is looking for a Director of Public Relations and Director of Traffic Handling. The EC is also looking for anyone who would like to run a net or two. Interested parties should email clubofficers@wsac.tamu.edu
 - **Ham Club Online:** KE0MXX noted that the club moved to the Ham Club Online service for member management on 1 March 2019.
 - **Logging:** KE0MXX and WSAMN noted that the club ought to decide to either move to an all-paper log or an all-digital log.
 - **Elections:** WSAMN remarked that the club needs volunteers for chairing elections at the next two meetings. KISBV and KMAOP were fielded as candidates.
- **Good of the Order**
 - **WSACS Meeting:** The WSACS meeting will be held on 16 January 2019 at 0930L at Fire Station Six in College Station.
 - **WSAC March Meeting:** Because of Spring Break, the WSAC March business meeting will occur on 07 March 2019 at 1930L.
 - **School Club Roundup:** WSAC participated in SCR from 11 January to 15 January 2019.
 - **Texas State Parks on the Air:** KISLW volunteered his camping gear, but would need a ride to participate. KZ3G remarked that the club could camp overnight with the antennas if WSAC asks the park rangers.
 - **WBRO:** KZ3G remarked that on WBRO, with permission of the station manager, anyone is allowed to operate on the ship (the Queen). WSQZ remarked that in Arizona at the Titan Missile Museum, a similar setup is available for amateur use on an 80 ft discone antenna.

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QSL Manager's Report

- 311 DXCC
- 307 Confirmed
- New QSL Cards (:)

Director of Operations

- Walmart Parking Lots on the Air
- Texas State Parks on the Air
- Elections

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New Business – MSC Open House

- ⦿ Sunday ?? September 2019
- ⦿ Indoor / Outdoor
 - ⦿ Likely indoor, per last meeting
 - Likely equipment needs:
 - Outdoor
 - Antenna (popular previously)
 - ARDF (wait for proposals)
 - Indoor
 - Flex?
- ⦿ Schedule

Old Business – CQ Muster

- CQ Muster (HF NET)
 - April 19-22 2019
 - W5UPQ proposed the net
 - Special Event Callsign (W5A,W5AC)
 - Need Ops
- VHF Net (22 April 2019) moved to 21 April 2019 2100
- Signups
 - people.tamu.edu/~kenneden/W5AC/signup.html
- QSL Cards (later)
- Operation on Campus - Flex?
 - MSC, ZEEC, ?
 - The Battalion

Category

Fall

Spring

Points

1938

32776

Category: School Club - College/University - WVE

Call Used	School/Club	QTH	Score	Rank	CW-Dig Qs	Phone Qs	US	VE	DX	Clubs	Schools
W9YB	Purdue University	IN	145,644	1	7	622	48	9	19	9	27
W8EDU	Case Amateur Radio Club/ Case Western Reserve University	OH	80,465	2	43	299	45	4	19	8	25
W4AQL	Georgia Tech Amateur Radio Club	GA	56,561	3	6	335	43	8	15	6	17
W9JWC	Bradley University	IL	40,584	4	0	228	39	1	2	3	26
W5AC	TEXAS A&M UNIVERSITY	TX	32,776	5	35	171	29	1	4	6	18
W9YT	Badger Amateur Radio Society/University of Wisconsin-Madison	WI	26,505	6	0	155	41	5	8	6	21
AA4UT	University of Tennessee Amateur Radio Club	TN	24,576	7	117	22	38	2	12	7	6
W0QQQ	Kansas State University Amateur Radio Club	KS	24,240	8	0	202	29	3	1	6	15
W1MX	Massachusetts Institute of Technology (MIT)	MA	9,047	9	0	83	28	2	2	1	15
K0UND	University of North Dakota Student Amateur Radio Association	ND	7,347	10	0	79	25	2	4	1	12
VA3UOT	University of Toronto Amateur Radio Society	ON	5,580	11	9	27	15	0	1	4	20
K5LSU	Amateur Radio Society at La. State Univ.	LA	4,823	12	14	25	20	1	0	0	14
KB3CVD	UMBC Amateur Radio Club	MD	4,641	13	8	35	17	1	2	3	13
K7UAZ	University of Arizona	AZ	4,429	14	48	7	26	2	5	0	2
W4DFU	Gator Amateur Radio Club	FL	4,212	15	0	54	24	2	0	1	10
W1YK	WPI Wireless Association	MA	4,050	16	0	54	25	0	0	0	10
W8LT	Amateur Radio and RF Club at The Ohio State University	OH	1,235	17	0	19	14	0	1	0	10
W8UM	University of Michigan	MI	1,085	18	0	31	13	1	4	1	3
W8CUL	WVU Amateur Radio Club	WV	506	19	0	11	8	0	3	0	7
W1KBN	Northeastern University Wireless Club	MA	240	20	1	8	6	0	3	0	3
K9IU	Amateur Radio Club at Indiana University	IN	72	21	0	6	5	0	0	1	1
VE9UNB	UNB Amateur Radio Club	NB	24	22	0	2	2	0	0	0	2

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Old Business – Resolution 2018-2019-1R

WHEREAS

1. The Club has motioned to move to a digital logbook.
2. The Club has a computer dedicated to logging.
3. The Club wishes to preserve QSL information for the long term.

We, the Texas A&M University amateur radio club:

1. Recognize the digital logbook maintained on LoTW to be the official logbook of W5AC.
2. Require that the QSL manager upload the digital logs frequently.
3. Require that the QSL manager print off copies of new entries at least once per year for filing.

Old Business – K5LSU

- **Purpose**
 - Commemorate first play-by-play football broadcast
- **Proposal**
 - Contact K5LSU about repeating the first football game transmission
 - Thanksgiving 2021

Old Business – K5LSU

Resolution 2018-2019-2R

WHEREAS

1. The Club wishes to remember the football transmission of 1921, and
2. The Club values our rivalry with t.u. and LSU,

We, the Texas A&M University amateur radio club:

1. Create a committee of members to correspond with K5LSU and N5XU on a commemorative transmission.
2. Require this committee to submit to the President of the Club a report on this transmission and all obstacles when requested.
3. Name this committee the “Committee on Commemorating the Football Transmission of 1921”

General Considerations.

1. Ac
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W
 - a. All contacts, with the exception of VHF and UHF 2-meter/70-centimeter FM contacts, must be logged by a control operator. The logbook is a legal instrument! Entries must include:
 - i. Date/time (UTC).
 - ii. Operator's callsign.
 - iii. Callsign of station contacted.
 - iv. Frequency band.
 - v. Peak envelope power (PEP).
 - vi. Exact frequency (except during contests).
 - vii. Message traffic handled.
 - viii. Indication of QSL.
 - b. QSL cards for casual contacts will be reciprocated by the QSL Manager upon receipt of a self-addressed, stamped envelope from the requesting station. QSLs for rare or special event stations may be filled out and placed in the QSL Manager's box for postage.
 - c. Club station equipment may be checked out for member use with the approval of the Executive Committee. Approved loans will be for one week and may be renewed if no other members wish to borrow the piece of equipment. Borrowers must sign the sign-out sheet in the station and include name, callsign, date borrowed, and phone number. The terms of all loans will be determined by the Executive Committee.
 - d. Altering the configuration of the station computers (interrupt addresses, DMA channels, etc.) or addition/removal of software on the hard drives without permission from the Executive Committee is strictly, expressly, explicitly, and absolutely PROHIBITED!!!!
 - e. Repeater control codes should not be given out over the air. The repeater may be controlled by someone on the air.
3. Violations.
- Any violation of the above rules is grounds for action as provided for in Article V, Section 2 of the Texas A&M University Amateur Radio Club Constitution.

ave
es,
ype

Old Business – Amendment 2018-2019- 5

Old Business – Misc.

Ideas by W5MHN – a series

- End of year part
 - Bowling Tournament
 - General Extra Technician and everyone else
 - Cook off
- Request for proposals for T-Shirt designs
- Sand Bags
- Tower Rope
- Tower Beacon

Old Business – Misc.

Ideas by W5MHN – a series

- **Station Grounding**
 - Need more rods
 - Need markings
 - September Project?
- **Station Signage**
- **CQRLog for Linux Manual**
- **Club Drive (KZ3G not W5MHN)**

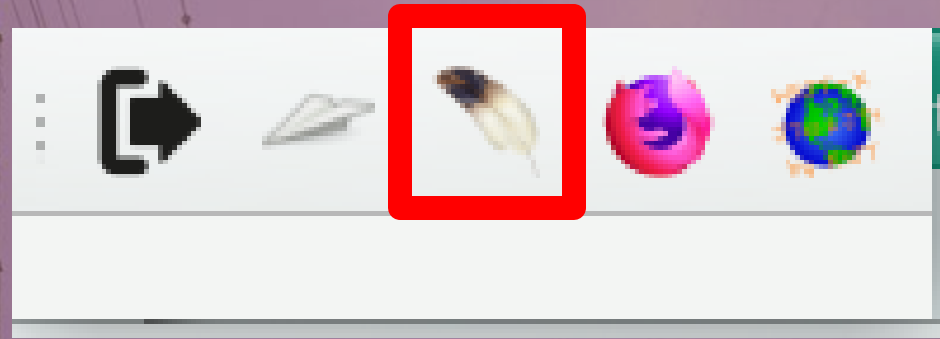


Old Business – Misc.

- Fix the Station Rotor

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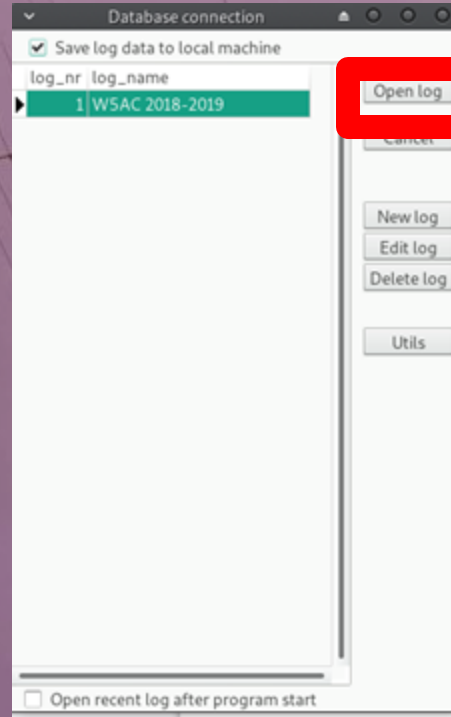
W5AC Logger



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CQRLog for Linux

Logging



CQRLog for Linux

Exporting Log

CQRLOG for Linux

File View Filter QSL Sort Statistics Callbook Data Online log Help

QSO in log: 263 DXCC: 24 DXCC CFM: 0

qsodate	time_on	time_off	callsign
2019-03-07	21:16	21:19	N2GNT
2019-03-05	06:20	06:21	AE6JV
2019-03-05	06:18	06:18	WA6OWM
2019-03-05	06:15	06:16	W9FL
2019-03-05	06:13	06:14	AA9GE
2019-03-05	06:05	06:06	W6GX
2019-03-05	06:03	06:04	W5XC
2019-03-05	05:53	05:55	W9YSX
2019-03-05	05:49	05:49	KC9LFD
2019-03-05	05:46	05:46	NU6V
2019-03-05	05:45	05:45	W7CXX
2019-03-05	05:38	05:38	W3IH
2019-03-05	00:46	00:48	AK6R
2019-02-26	18:58	19:01	W7DSG
2019-02-26	18:35	18:35	ZS6JES
2019-02-26	18:30	18:31	AB2EZ
2019-02-26	18:28	18:28	F6BIA

Comment for QSO: Worked by KE0MXN QS_S date: LoTW QS_S date:

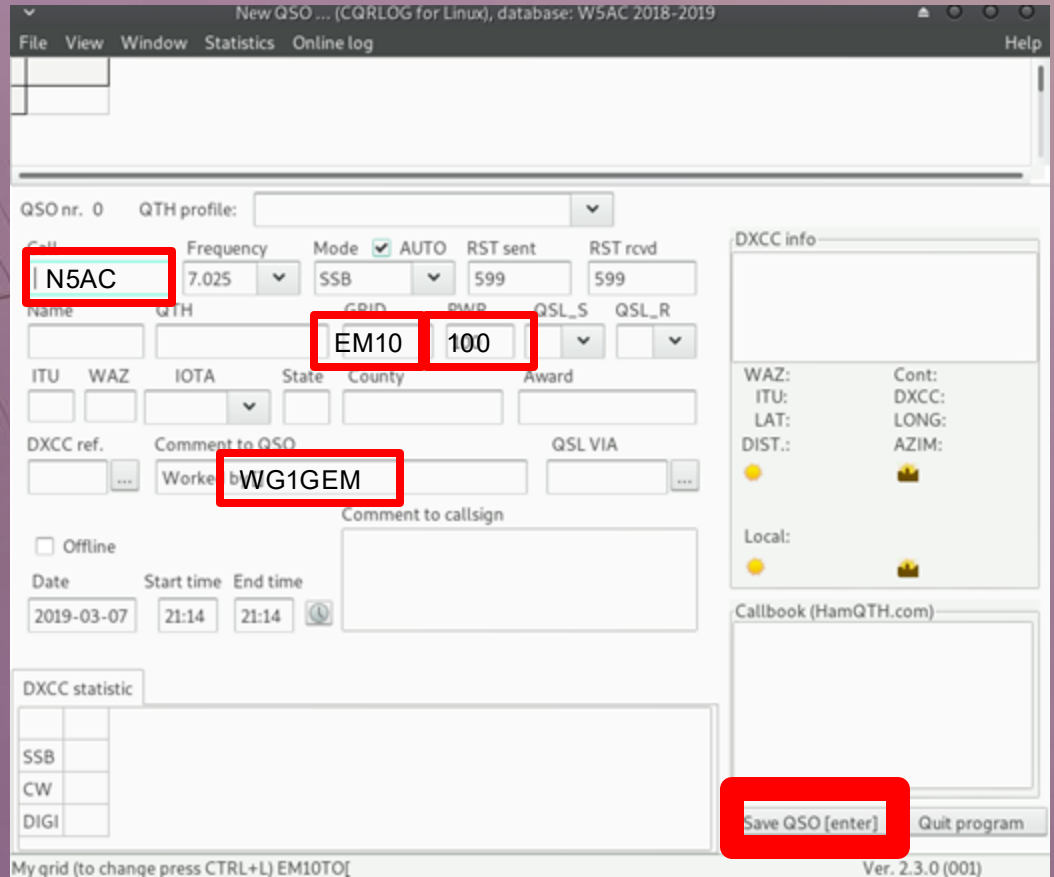
Award: QS_R date: LoTW QS_R date:

New QSO View QSO Edit QSO Sort Delete QSO Close

Ver. 2.3.0 (001) 2019-03-07 21:20:44

CQRLog for Linux

With WSJT-X



New Business – Resolution 2018-2019- 3R

WHEREAS

1. The Club wishes to ensure the safety of all of its members, and
2. The Club understands that everyone ought to play a role in keeping the club safe,

We, the Texas A&M University amateur radio club:

1. Require all members to alert any other members present at the shack when they enter or leave the shack, especially at night.
2. Add to “W5AC Club Station Rules,” General Considerations, a sub-point f: “When multiple members are at the shack, each member ought to give notice of departure to another member at the shack prior to departing.”

New Business – Presentations

- **Purpose**
 - Get non-amateurs interested
 - Get TASC/SUT/KANM... interested
 - Slideshows for future use a/r
- **Other Cases**
 - W8EDU put together presentations for MIT
- **Proposal**
 - 5-10 presentations next year (in addition to regular meetings) on campus (ZEEC?)
 - Topics: Modulation, Foxhunts, Antennas (build one), Baluns (build one), Repeaters, Contesting, Digital Modes, ...
 - Bring in physics department / experts - interesting ideas
 - Create a committee for helping the VP coordinate this

New Business – Presentations

Resolution 2018-2019-4R

WHEREAS

1. The Club wishes to interest the community in amateur radio, and
2. The Club wishes to have 50 members by the end of FY2020, and
3. The Club wishes to have 100 members by the end of FY2021, and
4. The Vice President of the club “shall arrange for all speakers and presentations at club meetings,”

We, the Texas A&M University amateur radio club:

1. Create a committee of members to develop presentations and arrange presenters on amateur radio topics.
2. Require this committee to submit to the Vice President of the Club a report on this presentation series when requested.
3. Name this committee the “Committee on Presenters and Presentations”

New Business – PHA/HAZOP

Resolution 2018-2019-5R

(Process Hazard Analysis
/
Hazard and Operability)

WHEREAS

1. The Club wishes to ensure the safety of all of its members, and
2. The Club understands that everyone ought to play a role in keeping the club safe, and
3. Knowledge of the tower is presently limited to only a handful of members,

We, the Texas A&M University amateur radio club:

1. Direct the Executive Committee to perform a basic PHA and HAZOP on the tower.
2. Request a Management of Change be written for any major changes to the tower.
3. Ask the EC and Advisors to develop a checklist for standard tower procedures (raising, lowering, tilting).
4. Require the entire EC and both advisors to be trained in standard tower procedures and briefed on the PHA/HAZOP outcomes.

New Business – Elections

- Elections will be next month
- Any nominations? Use the form!



tx.ag/dMIjBiV

New Business – WWV



David Kazdan

April 4 at 4:32 PM

We're requesting a show of interest from university radio clubs: If CWRU and collaborators assemble radio receivers that are part of space weather stations, are you interested in deploying them? These are purpose-built receivers that monitor the received Doppler shift of WWV and CHU signals and upload them automatically to a central server. Collected data would be web-available continuously. The obligation would be to keep them powered, internet connected, and connected to a suitable antenna, which doesn't need to be much more than a wire in the trees.

Leave a note here or email ad8y@arrl.net if you're interested. For the moment, we're seeking participation from university clubs but will seek to expand that.

73 DE David, AD8Y, for the Case Amateur Radio Club, W8EDU



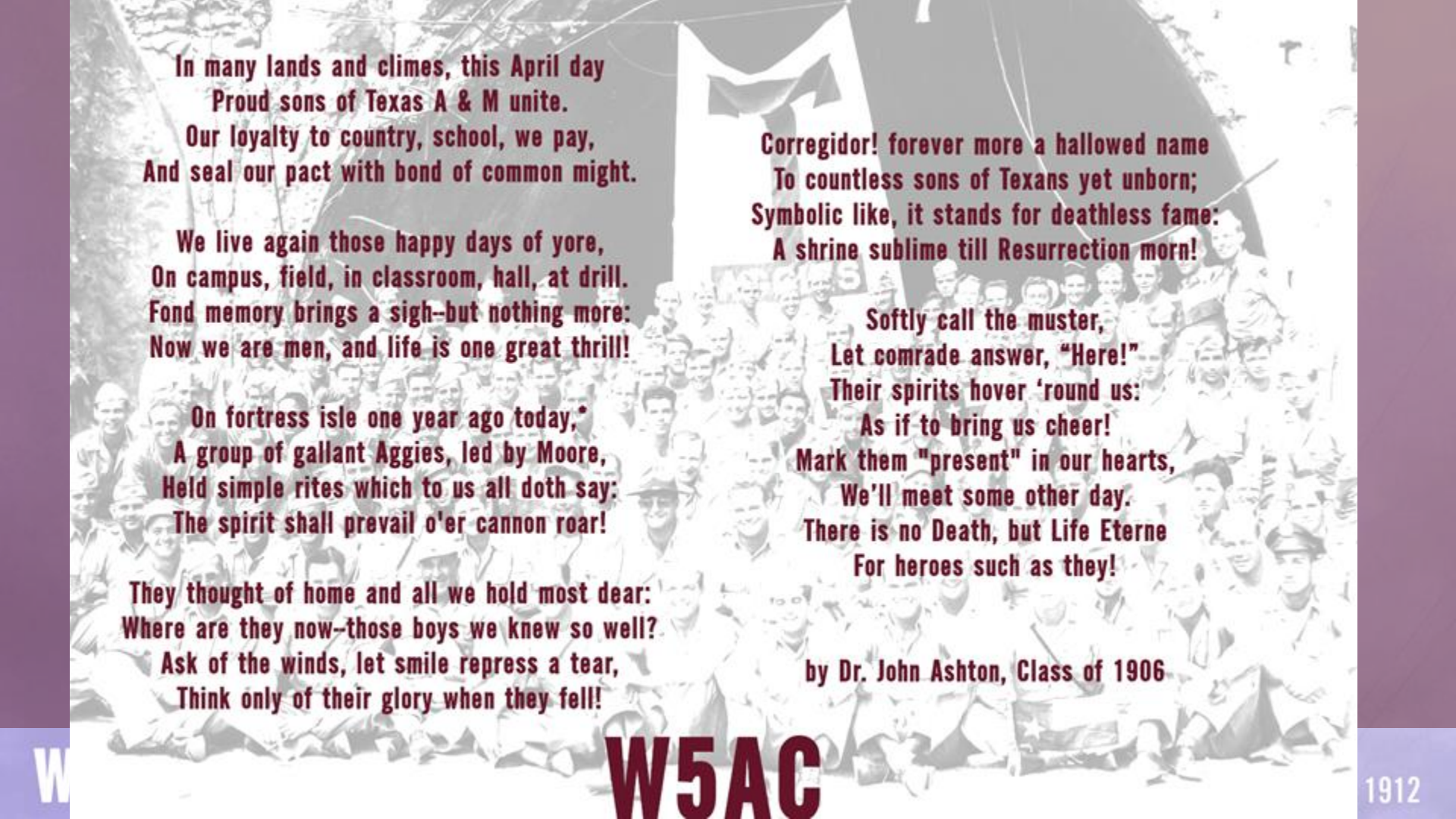
4

18 Comments

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New Business – P2P

- P2P RF Link OMB-> KD5DLW
- \$300
- Reliable Allstar, IRLP, (and return of Echolink)
 - Partnership with N5BRZ, W5BCS



In many lands and climes, this April day
Proud sons of Texas A & M unite.
Our loyalty to country, school, we pay,
And seal our pact with bond of common might.

We live again those happy days of yore,
On campus, field, in classroom, hall, at drill.
Fond memory brings a sigh—but nothing more:
Now we are men, and life is one great thrill!

On fortress isle one year ago today,*
A group of gallant Aggies, led by Moore,
Held simple rites which to us all doth say:
The spirit shall prevail o'er cannon roar!

They thought of home and all we hold most dear:
Where are they now—those boys we knew so well?
Ask of the winds, let smile repress a tear,
Think only of their glory when they fell!

Corregidor! forever more a hallowed name
To countless sons of Texans yet unborn;
Symbolic like, it stands for deathless fame:
A shrine sublime till Resurrection morn!

Softly call the muster,
Let comrade answer, "Here!"
Their spirits hover 'round us:
As if to bring us cheer!
Mark them "present" in our hearts,
We'll meet some other day.
There is no Death, but Life Eterne
For heroes such as they!

by Dr. John Ashton, Class of 1906

W5AC

A tall, lattice-structured radio tower stands vertically in the center of the frame. At the top of the tower is a Yagi antenna with multiple horizontal elements and a long boom. The background is a soft, purple-hued sky. The overall image has a slightly grainy texture.

Club Business

Questions?
Comments?
Concerns?

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Good of The Order

- W5BCS Meeting
- ARES meeting
- W5AC Meeting
 - 30 April
- TSPOTA
- Ham Hour
- So Now What?
 - ARRL Podcast
- W6RO
 - April SES
- WW0WWV
 - September
 - Signup

Any volunteers to help us
develop this net?

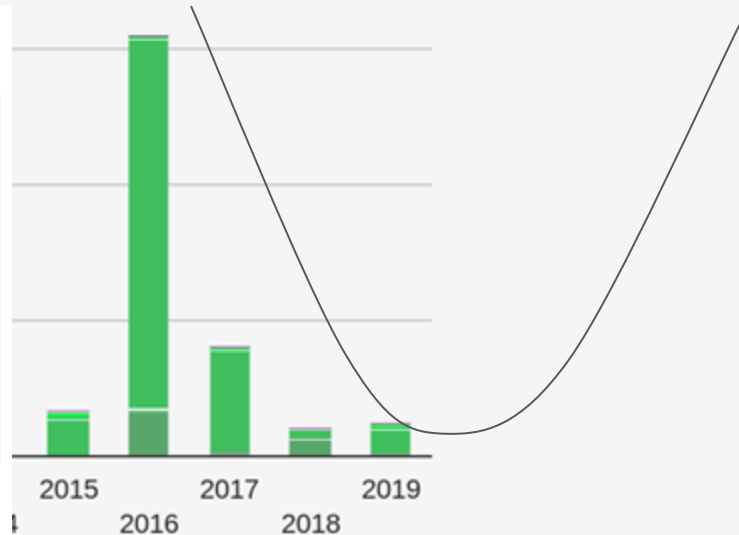
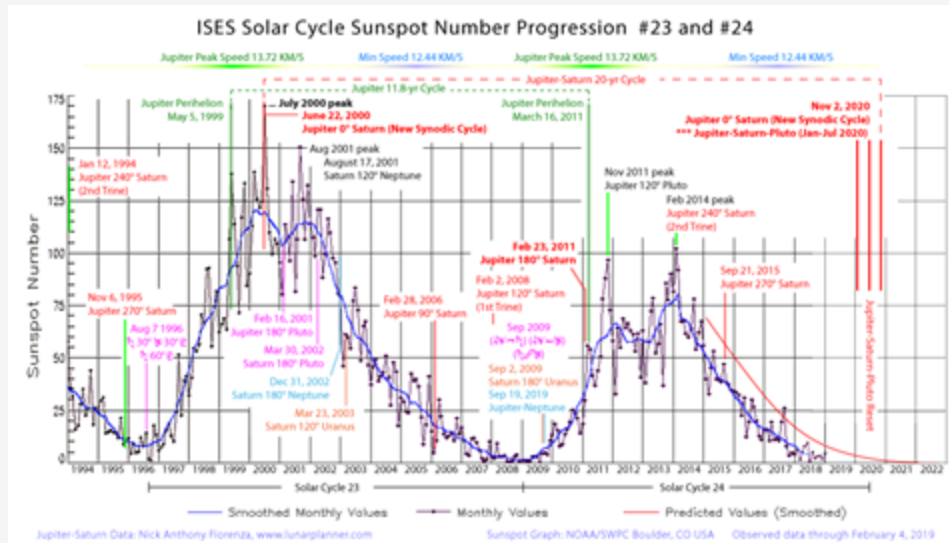
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	07:30 Reveille Net (146.82)		07:30 Reveille Net (146.82)		07:30 Reveille Net (146.82)
20:00 Information Net (146.82)	20:00 W5BCS Net (146.68)	20:00 TASC Net (As Needed, 146.82)		20:00 Baofeng Net (443.050)	18:30 YACHT Net (If requested, 146.82)

Summer Schedule (27 May - 26 August)
Reveille Nets end 30 April 2019, resume 27 August 2019

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
20:00 Information Net (443.050)	20:00 W5BCS Net (146.68)				18:30 YACHT Net (If requested, 146.82)

DX Spots Time vs Bands

200



Program

W5AC Ten-Year Planning
Session

W5AC Improvement Project
Survey



tx.ag/WhfTPSd

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