

A tall, slender metal tower stands vertically, supporting a complex antenna array. The tower is made of a lattice of metal beams. The antenna array consists of numerous thin, vertical wires extending from a horizontal crossbar. The background is a clear, light blue sky. The text is overlaid on the image.

W5AC Presentation

10/27/2021

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

What is Ham radio?



- Licensed Radio service
 - 3 license classes with different privileges
 - Must pass exam for each
- Local, Regional and Global communication
- DX (trying to contact far away places)
- Radio building and experimentation
- Competitions
- Emergency Communications

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

What is W5AC



- About Us
 - Oldest Collegiate Amature radio club in the US, Established in 1912
 - About 30 members
- What we do
 - Participate in Competitions
 - Operate
 - Build and repair radios and antennas
 - Radio activities
 - Host licensing sessions



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100 Year Anniversary of first Play by Play Football transmission

- TU @ A&M
- 5XB transmitted to 5XU via CW, using abbreviations
- At Austin Operators then read the messages via speaker
- Game outcome 0-0 tie

W5AC 100 years ago



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W5AC today



Demonstration



- Area Repeater
- Remote Radio on top of the O&M building
- If you squint real hard you can see the antenna

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Have a license?

Join a Net (or host one)

146.82MHz, negative offset, 88.5Hz tone

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

14:00
W5NGU
“Digitally
Speaking”
Net
(W5AC-V/U)

20:00
Information
Net
(W5AC-V/U)

20:00
W5BCS Net
(W5BCS)

19:30
WX Net
(W5AC-V/U)

Get Involved, Get Licensed

Email: clubofficers@w5ac.tamu.edu

Website: <http://w5ac.tamu.edu/>

Monthly meetings

Activities throughout the semester

Access to Club resources

Cost of entry

License: Free

W5AC dues \$27/year

Simple handheld radio: ~\$50

Simple HF radio: ~ \$500

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