

THE PLATTSMOUTH AMATEUR RADIO CLUB

Communicator

May 2023

Vacuum Tubes—Made in the USA

(ARnewsline 4/14/23) As the rising cost of vacuum tubes manufactured mostly in China and Russia increasingly cramps audiophiles, musicians and others seeking a particular audio quality, one factory in the US southeast is preparing to bring tube-manufacturing back home.

With assembly line workers getting down to business inside his Western Electric plant in Rossville, Georgia, entrepreneur Charles Whitener expects to restore American-made vacuum tubes to the worldwide market in just a few months. According to reports on such websites as wired.com and audioexpress.com, Whitener's goal is to resume production of the single-ended triode tube known as the 300B, a design that dates back to 1938. His plant, known as the Rossville Works, is home to the Western Electric vacuum tube brand which Whitener bought in 1995 from AT&T.

This summer he expects to introduce a reimagined version of the audio vacuum tube known as the 12AX7, a dual triode tube commonly found in amplifiers for guitars. According to Wired.com, it will be the first US-made tube in decades and it is expected to be followed by numerous other US-made models. The Wired.com report said: "If all goes to plan, the US could once again dominate vacuum tube manufacturing."

AT&T adds tower in Bellevue, boosting service for first responders

(Sarpy County Times 2/8/23 by Scott Stewart)

AT&T announced last week that it added a new cell tower near 36th and Harrison streets in Bellevue, which will improve broadband coverage for its customers.

The improvement also boosts service for first responders in Sarpy County as it brings Band 14 spectrum to the area, according to an AT&T news release.

Band 14 is a nationwide spectrum reserved for FirstNet, a network operated by AT&T for law enforcement, fire service and emergency medical personnel. The network provides 24/7 priority service, allowing calls by public safety workers to preempt others during a public

safety emergency or disaster.

"We look at Band 14 as public safety's VIP lane," AT&T said in a release. "In an emergency, this band — or lane — can be cleared just for FirstNet subscribers. When not in use by FirstNet subscribers, AT&T customers can enjoy Band 14's coverage and capacity."

Dustin Blythe, director of external affairs for AT&T Nebraska, said through a spokesperson to The Times that the company also launched a site near 25th Street and Cornhusker Road in Bellevue in early January as well as a new site serving Cass County in Greenwood last April.

AT&T added three more small cell nodes in Papillion and La Vista, after launching 28 in the cities as well as Bellevue in 2021. The company also completed 20 LTE capacity enhancements in Sarpy and Cass counties and launched 5G service in the Omaha metro market last October.

"From connecting family and loved ones to helping first responders during a crisis, AT&T is committed to our Nebraska communities," Blythe said in a release.

Agency Seeks Strategy for Repurposing Spectrum

(ARnewsline 2/21/23) In the United States, an increasing appetite for spectrum from wireless services has spurred the National Telecommunications and Information Administration to find at least 1,500 MHz of the radio spectrum to meet that demand.

The NTIA is looking for input from the public to identify which bands could be repurposed under this new spectrum strategy. The agency said on its website that the strategy is "a government-wide approach to maximizing the potential of our nation's spectrum resources." The NTIA shares spectrum-allocation duties with the Federal Communications Commission.

In the United States, hams already share many UHF and microwave bands with government users.

Follow this link for more info:

<https://ntia.gov/issues/national-spectrum-strategy>

2023 PAID MEMBERSHIP

PAID MEMBERSHIPS are in **BOLD**

- AGØL Steve Loyd [E]
- AIØN **Chuck Engberg*** [E]
- K3CRF..... **Dave Smith** [E]
- KBØFSI..... **Pat McCollum** [T]
- KBØLF**Fred Eriksen** [E]
- KBØOGO..... **Roger Behrns*** [E]
- KCØHYD..... **John Titsworth** [G]
- KCØHYE**Shirley Titsworth** [T]
- KCØYKO.....**Nick Jones** [E]
- KEØXQ.....**Bill McCollum** [E]
- KGØKR..... **Beth Engberg*** [E]
- KIØPY**Kevin Faris** [E]
- NØLZH.....**John Harrington** [T]
- N5SEZ..... **Ray McNally**[E]
- N8VCL**Scott Schreiber** [E]
- WØDBW**Derek Winterstien** [G]
- WØJRN**Jim Nelson** [E]
- WFØPCE..... **Paul Ethridge#** [T]

**Charter Members #New Ham*

Note: Thanks to all who have paid their dues and those who have given additional donations. All donations are greatly appreciated. Please let me know of any corrections.

Lincoln Hamfest
 Saturday, May 13, 2023
 8:30 am - 3:00 pm
<http://www.lincolnhamfest.org>

Meetings are 8am the last Saturday of most months at Mom's Café in Plattsmouth.

Tuesday night get-togethers at Plattsmouth Burger King at 6 PM

PLATTSMOUTH AMATEUR RADIO CLUB

KBØSMX

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443.45⁺ is located in downtown Omaha
 443.225⁺ is located in Murray.
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 Maintained by Derek (WØDBW)

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MINUTES of the MEETING

The monthly meeting was held March 25, 2023 at Mom's Café. The meeting was called to order by President Roger Behrns at 8:23 am.

Those in attendance were Roger (KBØOGO), Kevin (KIØPY), Ray (N5SEZ), John (KCØHYD), Shirley (KCØHYE), Chuck (AIØN), Jim (WØJRN), Derek (WØDBW) and Fred (KBØLF).

The Minutes of the February meeting were approved on a motion by Chuck and second by Ray.

The Treasurer reported receiving \$30 in Dues and Donations which leaves a balance of \$900.75 in the General Fund and \$315 in the Repeater Fund for a total of \$1215.75. The Report was approved on a motion by John and second by Jim.

There was much discussion on planning on Field Day.

It was noted that Gary is in the hospital and a card from the club will be at BK to sign.

The meeting adjourned at 9:10 am on a motion by Derek and second by Chuck.



PLATTSMOUTH ARC MEMBERSHIP REGISTRATION FORM

Name		Call Sign		Class	
Address		City		State	
E-Mail		Phone #			
Spouse Name		Call Sign		Class	
Membership Type <input type="checkbox"/> Primary(\$15) <input type="checkbox"/> Spouse (\$5) <input type="checkbox"/> Student (\$5) <input type="checkbox"/> New Ham		● Additional donations are gratefully accepted. ● New Hams are free during the year they receive their first license. ● Please give this form and dues to the club treasurer or any club officer.		Donation for: <input type="checkbox"/> Repeater fund <input type="checkbox"/> Insurance <input type="checkbox"/> Other _____ <input type="checkbox"/> General	
Any additional e-mail or cell phone #s?		Amount: <input type="checkbox"/> I prefer my donation to be anonymous.			

Meeting Calendar

8am, Sat April 29, 2023
8am, Sat May 27, 2023
at Mom's Café.
Field Day is June 24 & 25, 2023