Announcing

Back to the FUTURE - W9BSP Transmitter
3.885 mHz AM - 7 PM Central - January 5, 2013
12/24/2012

Larry Woodworth WØHXS
Ensor Park and Museum Mgr.

1937- 1KW AM Transmitter

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When we stumble, we get up and go again!

Here’s what has happened so far;

The 75 year old kilowatt rig was built in 1937 by Marshall H. Ensor for continued 1930’s 160 Meter lessons in Morse code and operating theory to thousands of radio fans tuning in his AM and Modulated CW lessons.

The Marshall Ensor Memorial Organization Restore Team worked often over more than 2 years at the Olathe, KS. Ensor Park and Museum during off season hours and succeeded in installing newly built high voltage power supply and new modulation amplifier below the operating desk of the 75 meter W9BSP-W9UA KW transmitter.

Many aged and unsafe wires were replaced along with other components as needed. Much testing took place along the way. Head technician, Harry Krout WØYQG assisted by son Joe, WØPWJ managed the arduous task aided by original hand drawn layouts and schematics by Ensor. Larry Woodworth WØHXS helped devise methods to insert or remove the heavy supplies safely below the desk as well as some transmitter safety features.

Numerous power tests took place into oil can dummy load as well as into the antenna system using a more power rated tuner and feed line elements. Everything seemed to be OK. Information of a December 8th Special Event was published.

Many hams were on frequency awaiting a chance for contacting the famous W9BSP station, and our crew came in from a light rain to ready for the event. During a last minute check of full power into the antenna the rig did not like any part of the attempt and had an SWR off the scale. They checked for why the problem existed, and only the antenna could be blamed. The failure was a disappointment for all.

Over the next days all questionable details of antenna design pointed to faulty insulator installation that never showed up during low power use of the club transceiver, but the high power and the wet dipole ended our quest.

Some on air tests prove that we are now ready for the post holidays renewed Special Event.

We ask that only selected standby operators / loggers be present to help in limiting local QRM, as the small farmhouse kitchen adjacent to the 6’ x 8’ radio room amplifies conversations to the detriment of our operators listening for call letters and information from everywhere.

Becoming a MEMO volunteer member can aid your request to be a standby operator for the event which could run for some time after 7PM. Look for updated information on our web site. Apply to Larry WØHXS or Joe WØPWJ. Thank you all. jkrout@gmail.com larryw0hxs@yahoo.com

The Marshall Ensor Memorial Organization Amateur Radio Club
Project for
The ENSOR PARK and MUSEUM
18995 W. 183rd. Street, Olathe, Kansas 66062
A National Historic Site and A Kansas Historic Place - 2004
Open May, Jun, Sep and Oct - Saturday & Sunday 1 PM to 5 PM

http://www.ensorparkandmuseum.org/