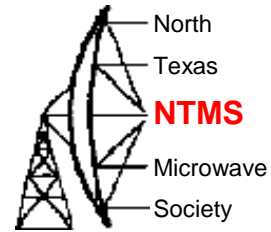
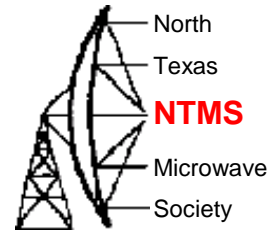


Welcome to The North Texas Microwave Society June 4th 2022



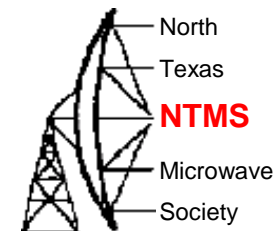
- Noon to 1 PM – Setup & Bull Session
- 1 PM - Meeting Starts
- Welcome to our new home
- Technical Program
 - Dual polarity power supply by Russell K5RUS
 - Update & Demo on the Texas Version of the G8ACE “Weatherbox” – Jim McMasters KM5PO and Paul Sarver KI5EMN
 - Various Projects by Bob N5BRG
- Beacon Update
- “Show and Tell” by members
- Other items & Business Meeting

Technical Program



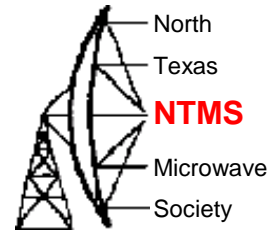
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NTMS Beacon Update

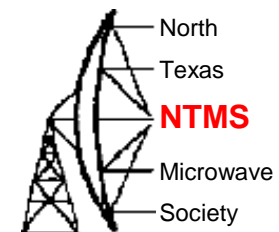


- ZL PLLS for NTMS beacons are still on back order
- As a result, an ADF4351/Arduino built by AA5C is being integrated into the DB6NT beacon for operation at 3400.380 MHz
- I am working on a 24192.380 MHz beacon to be installed at the Denton TWU dorm
- I rebuilt the Desert 6m halo side mount arm and it needs to be reinstalled – do I have a volunteer for the climb in Desert?

Denton Beacon Controller Update

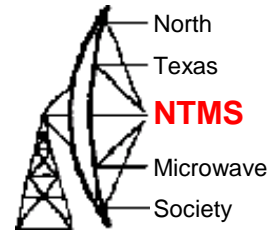


- Wes has shipped the key components to John – K5ZMJ
- Wes ordered an inexpensive switcher PS to supply the 12VDC. A 7808 will be used for uC and Ethernet interface.
- I have rounded up a 2 inch tall chassis and 2U rack panel.
- It will have an AC power entrance filter and barrier strip termination for the 32 relay contacts. I have a plan for minimal filtration and current limiting of those 32 leads.
- Assy completed, in about 10 days and will return to Wes or drop off to Greg, for test.
- John -- k5zmj 4 jun 2022



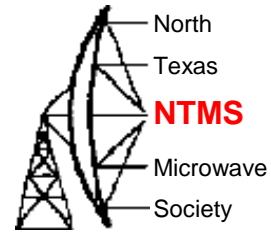
- Any “Show and Tell” from members?

Zoom Meetings



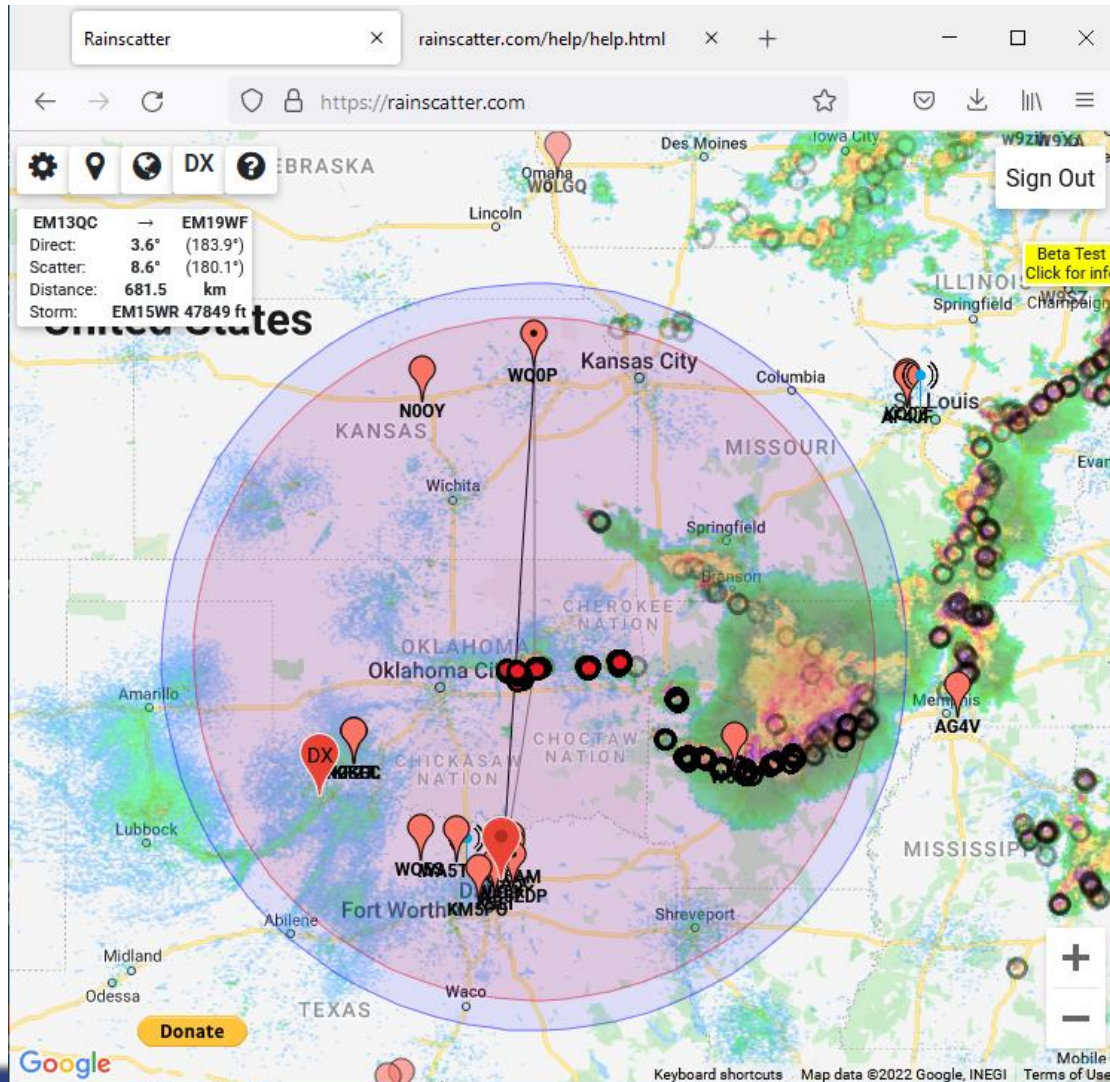
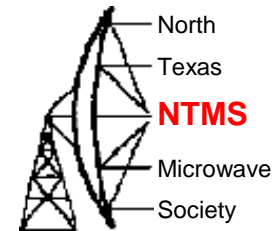
- I wish to thank Dave McCoy N5RJX for running our Zoom meetings for the past couple of years.
- Our meeting attendance has increased nearly 50%.
- In order to ease the burden of being responsible for every NTMS zoom meeting, Bob Stricklin has offered to be a co-host for this very important position. Thanks to Bob and Dave!

Moving Forward

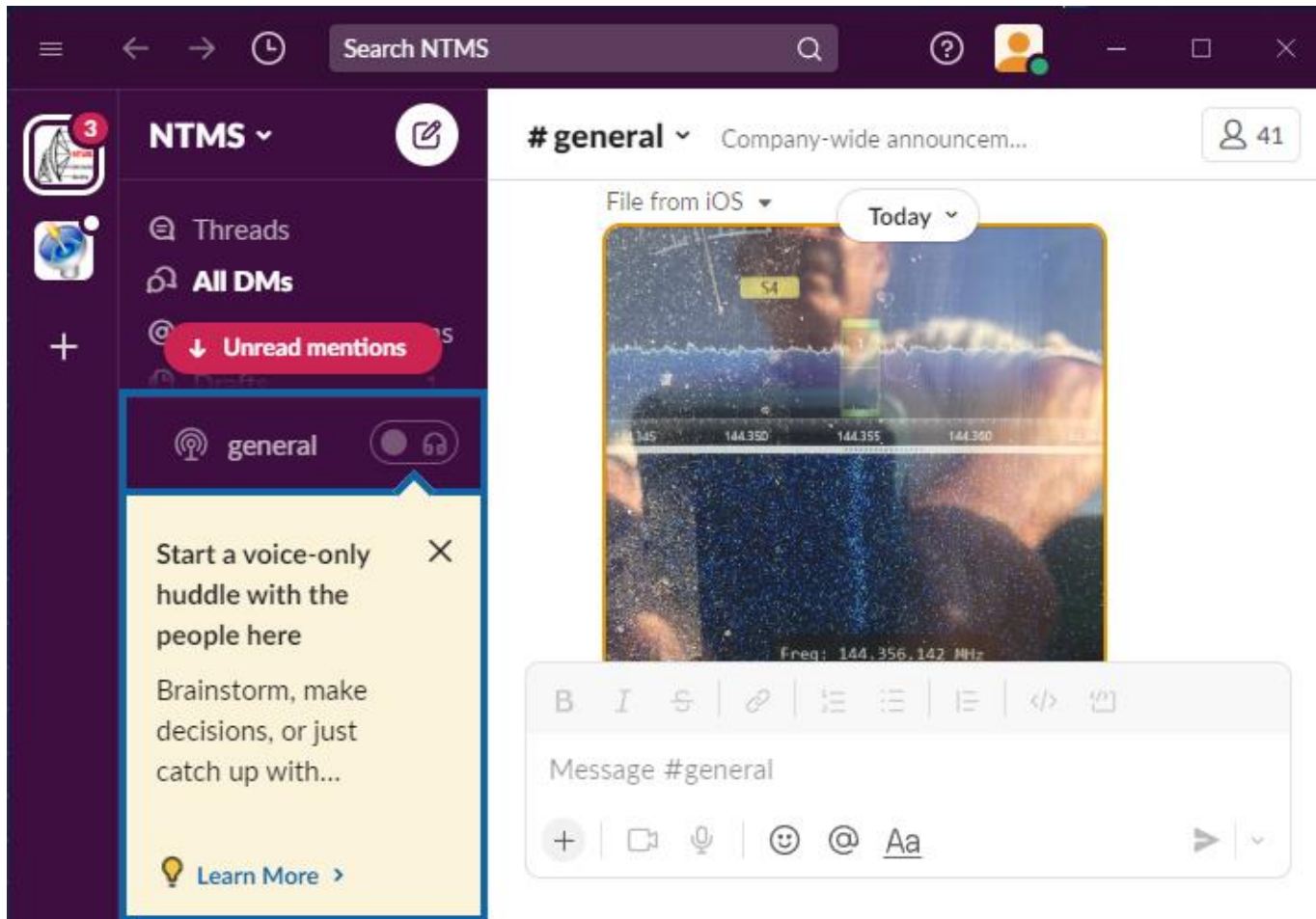
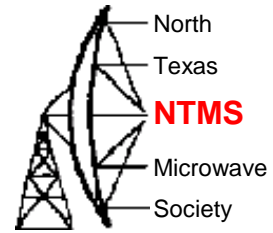


- Bob N5BRG had a good idea regarding meetings.
- Consider a combination of Zoom only meetings (Quarterly) and informal get togethers w/o Zoom the remainder of the time.
- Comments?
- Other ideas?

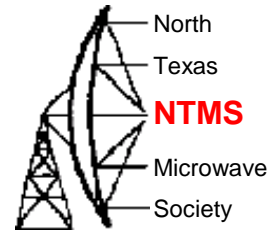
www.rainscatter.com



W5HN 10368 MHz Beacon copied by WQ0P

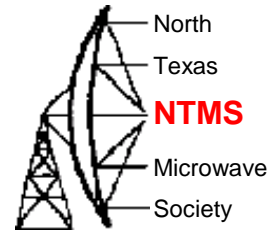


NTMS Weekly Gatherings on the Radio



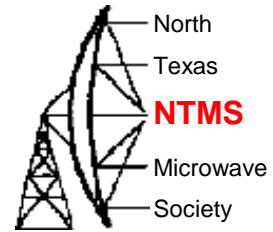
- Sunday 8PM 144.260 MHz USB NET run by Ross K5ZSJ from the Carrollton area
- Monday 7:00 PM 144.174 MHz FT-8
- Tuesday 7:00 PM 222.174 MHz FT-8
- Wednesday 7:00 PM 432.174 MHz FT-8
- Higher frequencies on request

NTMS Lunch



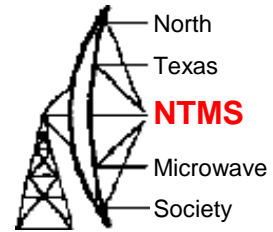
- When: Tuesday 11:30AM
- Where: Texas Smokehouse Bar-B-Que
800 E. Arapaho Rd #101
Richardson, TX
972-699-1521

www.dfwham.com



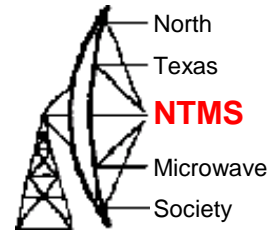
- ----- DFW HAM EXPO -----
- Saturday June 11th 2022 9am – 5pm
- Music City Mall
- 2401 S. Stemmons Fwy
- Lewisville, TX 75067
- The Grand Stage, over 8500 SF
- At Food Court
- Mall North Entrance 6
- Over 40 Tables of Ham Gear
- Outdoor Tailgating Area Near Entrance 6, Big Mall Lot!
- VE Testing Sessions
- Free Radio & Antenna Testing
- 2 Handheld Door Prizes
- 1 Mobile Grand Prize
- General Admission Tickets \$5
- Table Reservation \$15 (Includes 1 GA Ticket)
- Commercial Vendors \$50 (includes 3 GA Tickets)
- Advance Tickets sales at DCARA.NET
- dcara.net > membership > misc. payments
- Cash Tickets at Door
- Advance Setup Friday June 10th 5-9pm
- Truck dock available at Gate 6
- 73,
- See ya'll there!
- Sponsored by Science Hall of Fame & DCARA
- Contacts: Bob Storey AF5RS af5rs@arrl.net 214 629 8877
- Marty Reeves AB5L ab5l@ymail

Business Meeting



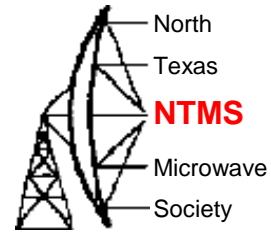
- Old Business
- New Business
- Any other topics to be discussed?

NTMS Budget & Dues



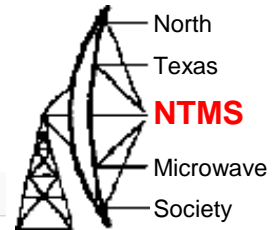
- Zoom Meeting \$100/yr
- Website Blue Host \$86/yr
- ARRL Liability Insurance \$200/yr
- PO Box \$146/yr
- 501c3 non profit filing with TX \$25/yr
- Total \$557 / \$12 dues > 46 members min
- Does not include meeting room space (\$100 per month) and ARRL Spectrum Defense Fund donations
- Please support the NTMS with your \$12 annual dues. Information on paying dues at www.ntms.org

PC Projector



- Our present PC projector is an Epson which dates back to the 1990s. It has served us well and is hopefully bringing you this presentation in full living color.
- We need to purchase a back up bulb for \$110 + or invest the money in a new projector which could cost several hundred Dollars upwards of 700 Dollars.
- Comments?

Projector Bulb



https://www.interlightus.com/light-bulb/WW-1HWH-9

INTERLIGHT
800.743.0005

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- FLUORESCENT
- GERMICIDAL/PURIFICATION (UVA,UVB,UVC) ULTRAVIOLET
- GROW BULBS
- HALOGEN QUARTZ TUNGSTEN
- HANGING LIGHTS
- HID (HIGH INTENSITY DISCHARGE)
- INCANDESCENT
- INFRARED / HEAT /IR
- LCD DLP PROJECTOR TV LAMPS
- LED
- MARINE NAVIGATION LAMPS
- MEDICAL
- MINIATURE / AUTOMOTIVE / INDICATOR LAMPS
- MISCELLANEOUS ITEMS
- MOBILE DEVICES / CELL PHONES
- PARTS / SUPPLIES
- PROJECTION, STAGE STUDIO, ANSI, CODE BULBS
- RADIO SHACK
- SAD / FULL SPECTRUM BULBS

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Order Code: **WW-1HWH-9**

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LAMP & CAGE

Availability: **IN STOCK**
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al ward (w5lua@sbcglobal.net) is signed in

- ▶ EPSON H010L29 LAMP & HOUSING:

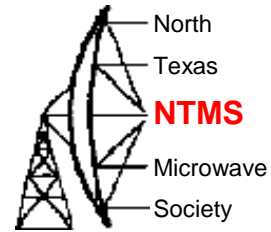
- Customers Also Viewed**
- mitsubishi XL6500U LAMP & HOUSING

\$129.48
 - PANASONIC ET-LA059X LAMP & HOUSING

\$116.22
 - JVC BHL5101-5 LAMP & HOUSING

\$82.99
 - EPSON HC 2150 LAMP AND HOUSING

Thanks for Attending



- No meeting in July
- Next meeting on August 6 at Haggard Library in Plano
- We took a groups.io vote on the date of the September meeting and the response was low.
- Sept 3rd or **Sept 10th**?
- Motion to adjourn?