



DX MONITOR

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Seattle deadline for our next issue (V57_N35) is **Monday 07/13/20 1200 PLT** (three weeks) – pb

Walter Stephen Francis (DXer)

71, died June 2 2020 from pancreatic cancer. He is survived by his sisters, **Carla Francis** and **Gail Harbin**; lifelong friends, **Deb Smith** and **Ernie Wesolowski**, and many other good and caring friends. Traveling many trips with Ernie, as they met at an NRC convention. Steve hosted the 1996 NRC Knoxville convention. If you wish to honor Steve's memory, please do something kind for an animal. (Photo at right – Steve (l) and Ernie (r) – pb)

Gerry Thomas (Radio Plus)

Sadly, I just learned today (from his daughter) that **Gerry Thomas** passed away on June 19. I own a couple of his Quantum loops and a phaser, and he was always a gentleman when I corresponded with him about them.

73, **Dave Hochfelder**, Albany NY (via IRCA eGroup)

"Hi...My name is **Wendy Howell** and I am **Gerry Thomas's** daughter.

Gerry has been in and out of the hospital since early May and it is with great sadness that I share with you that he passed away on June 19th. Thank you for your interest in his business and I am sorry that no orders will be able to be filled.

Sincerely, **Wendy Howell**" (via IRCA eGroup)

2020 Convention

The 2020 **IRCA/DecalcoMania** Convention will be held at the Four Points by Sheraton, 1221 S Harbor Blvd, Anaheim CA 92805. (North of Disneyland) September 10-12 2020. Phone number for reservations is 714-758-0900 (mention convention). Guest room rate is \$115 per night plus tax and includes all you can eat breakfast. Parking is \$10 per day. Registration fee (not including banquet) is \$25 payable to Mike Sanburn PO Box 1256, Bellflower CA 90707-1256. Activities will include station visits, IRCA business meeting and auction, and nightly fireworks show. Hotel amenities include free Wifi, 24 hour business center and 24 hour pool. Local eateries within walking distance are Starbucks Coffee, Taco Bell, and Shakeys Pizza. Cutoff date for room reservations will be August 20th. More details will appear soon. For information contact mikesanburn@hotmail.com. Website for Anaheim visitor's information: www.visitanaheim.org. Here is the link for making reservation at Four Points <https://www.marriott.com/event-reservations/reservation-link.mi?id=1576099122178&key=GRP&app=resvlink>

Folks can send their registration fee via PayPal at mikesanburn@hotmail.com (please include name, contact info and note that it is for convention registration).

5/24. Convention Update. As of this weekend, Orange County CA (where Anaheim is located) has been given the green light to completely reopen, restaurants, stores, etc... provided proper distancing is utilized. I will soon get in touch with Jagerhaus restaurant to find out any details regarding the proposed banquet there. Their banquet room is huge so having ample space will not be an issue. Yesterday I got several more station swag items for the event including a shirt, several koozies, stickers, and pens. Hopefully much more will come together as summer approaches. 73 and good DX. **Mike**

NRC AM Log 41st Edition

The National Radio Club, the World's Oldest and Largest Broadcast Band DX Club is proud to announce the publication of the 41st edition of the AM Radio Log. The AM Radio Log is a source for information on AM Radio Stations in the United States and Canada. The Log contains of individual station data, cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched US loose leaf format. This publication fits nicely into a 1" three-ring binder. Reference lists include State/Provinces in frequency order, call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the log book) and a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in US funds, Colorado residents please add 8% Sales tax (or your local Sales Tax Rate is lower) to National Radio Club, PO Box 473251, Aurora CO 80047-3251 or order using your PayPal account at <http://www.nationalradioclub.org>.

MEMBER (NRC and IRCA) USA Price \$29.95 Priority Mail, NON-MEMBER USA Price \$36.95 Priority Mail, MEMBER/NON-MEMBER Canada Price US\$42.00 Global Priority Mail, MEMBER/NON-MEMBER outside US/Canada Price US\$55.00 Global Priority Mail.

TIS/HAR List

I have started working on an updated **TIS/HAR List**. If you have any loggings, information or verifications not reported to DXM, please send them to me at DXM.EiC@gmail.com. The completed list will be available in a couple of months (I hope). I have finished with the FCC list.



BROADCASTING INFORMATION – Robert J Wien – 8912 Oso Corridor PL NW – Albuquerque NM 87114
Email: wienbob@aol.com Phones: 505-897-7304 (home) 909-997-7904 (cell) Column Deadlines: Saturdays

DATE OF COLUMN: June 13 2020 **Column data span:** May 30-June 13 2020, Data courtesy of Stationintel.com, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALLS
1220	WQUN	Hamden, CT	WATX
1300	WKZN	West Hazleton, PA	WODS
1390	WFHT	Avon Park, FL	WAVP
1410	KCUL	Marshall, TX	KPRO
1510	KCKK	Littleton, CO	KPLS

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE
590	WMBS	Uniontown, PA

NEW INFORMATION

old slogan: "Your Local Station", new: "WMBS 590AM – 101.1FM"



630	WNEG	Toccoa, GA	old slogan: "WNEG-AM 630-93.1 FM", new: "Toccoa's Radio Station 93.1 FM and AM 630 WNEG"
680	WOGO	Hallie, WI	old slogan: "Fighting For What's Right", new: "AM 680 and 103.1 FM"
700	KMBX	Soledad, CA	adds El Sembrador Nueva Evangelizacion (ESNE) network, old slogan: "Radio Catolica", new: "El Sembrador Radio"
820	WWBA	Largo, FL	was classic country, now new unknown format
910	WFJX	Roanoke, VA	old slogan: "Fox Radio 910", new: "Fox Radio 910 and 104.3"
920	KSHO	Lebanon, OR	was adult standards, now adult hits
930	WEOL	Elyria, OH	old slogan: "The News Station", new: AM 930 and 100.3 FM NEWS / SPORTS/TALK"
1040	WHBO	Pinellas Park, FL	was sports, now new unknown format
1120	WHOG	Hobson City, AL	old slogan: "The Hog 1120", new: "935 WHOG"
1150	WAVO	Rock Hill, SC	was religious teaching, now new unknown format
1220	KHTS	Canyon Country, CA	adds slogan: "KHTS AM 1220-FM 98.1"
1230	WHCO	Sparta, IL	old slogan: "Real Country 1230 – WHCO", new: "Real Country 97.3 and 1230"
	WBOK	New Orleans, LA	adds slogan: "WBOK 1230 AM"
	WVNT	Parkersburg, WV	old slogan: "Valley's NewsTalk", new: "Valley's NewsTalk 1230 AM 103.5 FM"
1240	WSNJ	Bridgeport, NJ	was variety, now adult contemporary, adds slogan: "Pop-FM 99.9"
1250	KHIL	Willcox, AZ	adds slogan: "KHIL 1250 AM / 98.1 FM"
1260	WPJF	Greenville, SC	adds slogan: "Radio Vida 1260"
	WXCE	Amery, WI	adds slogan: "Ink 92.7"
1270	WCGC	Belmont, NC	was silent, now religious teaching, adds slogan: "Carolina Catholic Radio"
1280	WTMY	Sarasota, FL	was classic hits, now regional Mexican, old slogan: "Classic 60's, 70's, and 80's", new: "La Numero Uno 106.9"
1320	WFHR	Wisconsin Rapids, WI	was Westwood One NBC Sports Network, now CBS Sports
1340	KPGE	Page, AZ	was Westwood One Mainstream Country, now Westwood One Nash Icon, old slogan: "Lake Powell Country", new: "The Bandit"
	WXBX	Clarksburg, WV	was silent, now ESPN Radio Network sports, adds slogan: "ESPN Clarksburg 1340 AM"
1350	WNLK	Norwalk, CT	adds EWTN Eternal Word TV Network
1390	WAVP	Avon Park, FL	was unknown format, now variety, adds slogan: "Boss Hog Radio"
	WEGP	Presque Isle, ME	was silent, now Relevant Radio religious teaching, adds slogan: "Relevant Radio"
1400	WFTG	London, KY	old slogan: "1400 The Wolf", new: "The Wolf 106.9 FM / 1400 AM"
	WFOR	Hattiesburg, MS	old slogan: "1400 The Score", new: "92.7 The Score"
	KSRR	Provo, UT	was silent, now adult hits, talk, adds slogan: "1400 K-Star"
1480	WCXS	Arcadia, FL	was talk, now country
	KLMS	Lincoln, NE	old slogan: "ESPN Lincoln", new: "ESPN 101.5 FM / 1480 AM"
1490	WCHM	Clarkesville, GA	old slogan: "NewsTalk 96.7 FM and 1490 AM", new: "NewsTalk 94.3 FM and 1490 AM"
	WKNY	Kingston, NY	was adult contemporary, now variety, old slogan: "Radio Kingston", new: "Radio Kingston 1490 and 107.9"
	WSVM	Valdese, NC	was variety, now adult hits, old slogan: "WSVM The Best Mix", new: "Best Mix 96.5 FM WSVM"
	KORN	Mitchell, SD	old slogan: "NewsRadio 1490", new: "NewsRadio 101.3 and 1490"
1510	WBSG	Lajas, PR	was silent, now Spanish
	KWJB	Canton, TX	old slogan: "The Bee – One Honey Of A Radio Station", new: "95.1 The Bee"
1530	WVBF	Middleborough Center, MA	old slogan: "Hometown Talk Radio WVBF 1530 AM", new: "Hometown Talk Radio WVBF 1530 AM / 99.7 FM"
	WOBX	Wanchese, NC	was silent, now news/talk
1580	KHGG	Van Buren, AR	old slogan: "The Sports Hog 103.1", new: "The Sports Hog 103.5"
	WWSJ	St Johns, MI	old slogan: "Joy 1580 WWSJ", new: "Joy 1580AM – 100.3FM"
	WAMY	Amory, MS	was talk, now Westwood One Classic Country, old slogan: "WAMY Talk", new: "WAMY Country"

MEMBER CONTRIBUTIONS

Mike Sanburn of Bellflower CA sends along the following from **Paul Walker Jr** of Laramie WY via the IRCA IO Groups dated 6/2/20:

KHMB 1710. What kind of transmitter does this station have on 1710: <http://www.khmbradio.com/>. They claim to be Part 15, so something like a Hamilton rangemaster, if they're legal. But operating a part 15 at 1710 isn't legal.

Mike Sanburn sends along the following from **Dennis Gibson** of Salinas CA via the IRCA IO Groups dated 6/2/20:

License cancelled: 6-1-20: WKBF-1270 Rock Island, Illinois

Additional from **William Scott** on WKBF-1270 dated 6/2/20:

Station appears to have been abandoned more than a year ago. Reportedly the towers and station building were torn down January-February of this year. Seems nobody thought to notify the FCC! FCC sent inquiry letter to station in April and got no response.

Dennis Gibson sends along the following via IRCA IO Group and ABDX dated 6/3/20 (**Mike Sanburn** also sends WMOX tip below):

Licenses cancelled: 6-2-20: WMOX-1010 Meridian, Mississippi, 6-2-20: KLIC-1230 Monroe, Louisiana, 6-2-20: KZTD-1350 Cabot, Arkansas

Dennis Gibson sends along why WMOX-1010's license was cancelled dated 6/5/20 via IRCA IO Group/ABDX:

Here's why WMOX's license was cancelled. <https://www.radioworld.com/news-and-business/business-and-law/fcc-lists-stations-at-risk-of-losing-licenses> FCC Lists Stations at Risk of Losing Licenses, Commission says these need to file for renewal ASAP. By RW Staff, Published: May 15 2020

Sixteen stations in Arkansas, Louisiana and Mississippi are on notice that if they don't file for license renewal by June 1, their licenses will expire. The FCC released the list of stations that were supposed to have filed by early February. The list includes several LPFM stations and one translator.

[Read: FCC Deletes Call Signs of Two California FM Stations]

The stations and licensees are:

KZTD(AM), Cabot AR, Emanuel Carrera	KLIC(AM), Monroe LA, WOO2 Communications LLC
KPWH(LP), Jonesboro AR, Powerhouse Ministries	KCRJ(LP), Monroe LA, IBC Ministries Inc.
KHEE(LP), Magee AR, Desha County Community Radio Inc.	K219DB(FX), New Iberia LA, Bible Broadcasting Network Inc.
KTPV(LP), Prairie Grove AR, Foundation for The Preservation of The Individual	WORV(AM), Hattiesburg MS, Circuit Broadcasting Co.
KLSP(FM), Angola LA, Louisiana State Penitentiary	WKRA(AM), Holly Springs MS, Billy R Autry
KVDP(FM), Dry Prong LA, Dry Prong Educational Broadcasting Foundation Inc.	WKRA(FM), Holly Springs MS, Billy R Autry
KWRJ(LP), Elton LA, Coushatta Tribe of Louisiana	KOUI(FM), Louisville MS, South Central Oklahoma Christian Broadcasting Inc.
	WMOX(AM), Meridian MS, Magnolia State Broadcasting Inc.
	WNNN(LP), Noxapater MS, Mt Vernon Missionary Baptist Church

Mike Sanburn sends along the following from **Mark Connelly** of West Yarmouth MA via the IRCA IO Groups dated 6/4/20:

After several weeks of silence local 1240 WBAS West Yarmouth MA has returned to the air. ID mentions 101.5 FM but that is now being used by a different station (sound bite included with Email but can't put in column due to file format-ye ed).

Mike Sanburn sends along the following from **Wayne Heinen** and others via the IRCA IO Groups dated 6/6/20:

I am wondering if (the former) WQUN is/was from Quinnepac College? ms

WQUN changed calls to WATX last year... but they're indeed in danger of losing their License having been silent since May of 2019 and resuming operation 05/28/2020....

It is WQUN trying to save the station's license after being dark for almost a year. Karl Zuk

Maybe WQUN in Hamden CT is broadcasting this NOAA station? It is coming in pretty well into Springfield MA. Jim

Mike Sanburn sends along the following from **Steve Naganuma** via the IRCA IO Groups dated 6/8/20:

KBPS 1450 off the air during the day this week. Because of Benson High School Modernization work, AM-1450 will be off the air June 8th through June 12th from 7:00am to 4:30pm. During this time we will continue to stream on the internet at kbps.am.

Longer column this time than last time, glad to see many member contributions, keep 'em coming! Had to take my mom to hospital this morning, ambulance and fire truck came to our Albuquerque home, she had severe lower back and right leg pain, turns out she has sciatica in her back and leg and also shingles. Doctor told her to rest for several days, I've essentially stayed home from work since this past Tuesday, worked Wednesday. Staying home this coming weekend. My work schedule has changed so there's a chance I may be able to do our Field Day ham radio event in 2 weeks here. We're approaching summer solstice, so earliest sunrise coming soon, DX is so-so this month so far but should improve after summer solstice. 90s here daily and we need some rain. Many stores in area opening from COVID-19 closures, our mall is partially open again near my house. Everyone stay healthy. 73's. **Bob Wien**



CANADIAN RADIO NEWS –Jon Pearkins
 Email: jon@pearkins.com

CHHA-1610 Toronto's new Program Schedule is now available on-line: <http://chha1610am.ca/wp-content/uploads/2020/01/CHHAprogramming.jpg>
 The Facebook page Canadian Radio News by **Dan Sys** provides much of the information for this column.

- 530 ON Chalk River CKML CKML's appearance in the Available Call Letters List finally confirms that the station is no longer operating. Originally licensed in 1998 as a low-power unprotected AM service, the 50 watt station was tested for one hour each month, with a two hour emergency exercise each year. Other than that, it was intended to only be on the air during an emergency at Chalk River Laboratories, a nuclear research facility in Deep River ON, and was not allowed to air music or advertising. The site's last nuclear reactor was shut down at the end of March 2018.
- 1570 QC Laval CJLV Applied to amend license to increase Ethnic programming to 40% from the standard 15% allowed on AM stations, with programming blocks for Spanish, Arabic (Maghrebi), Greek and Chinese (Mandarin) audiences in the Montreal area. The existing, but not profitable, local French language programming for Laval would continue for the remaining 60% of the broadcast week.
- 1610 ON Toronto CHHA "Punjab Content" 0000-0500 ELT Tues-Sat and 1000-1300 Mon-Fri is listed in the new Program Schedule, significantly reducing the station's Spanish language programming. As heard earlier this month in Edmonton, overnights are continuous Punjabi vocal pop music, with several minutes of commercials and announcements 2-4 times an hour. Their power increase to 10KW has not yet been approved.

100 Years Ago – in June 1920, the Government of the Province of Manitoba announced an upcoming experiment in "wireless telephony" over the 400 miles between Fort William ON and Winnipeg MB, the second step towards taking control of Radio just as they already had for Telephones. CKY Winnipeg and CKX Brandon were launched by the government in the years to follow.

75 Years Ago – on June 16 1945, the Canadian Broadcasting Act was amended to create a full-time position for the Chairman of the CBC's Board of Governors. The CBC was both a public broadcaster and broadcast regulator until 1958, when the similarly named Board of Broadcast Governors (BBG) was formed and replaced, in 1968, by the CRTC. Arnold Davidson (Davey) Dunton was the first and only full-time Chairman of the CBC's Board of Governors, Andrew Stewart was the first Chairman of the BBG, and Pierre Juneau was the first Chairman of the CRTC.

50 Years Ago – on July 12 1970, CFAC-960 Calgary AB was approved to increase power from 10 to 50 KW from a new three tower transmitter site. The station began as CQCA on May 2 1922 with 10 watts on 400 meters from a 210 foot tower, and was owned by The Calgary Daily Herald newspaper. Within the next few months, call letters changed to CBCQ and then CFAC, as they remain to this day.

25 Years Ago – on June 15 1995, CBC Radio was presented with four gold medals, five silver and two bronze at the New York Festivals International Radio Awards for a broad range of programming.

Zero Years Ago – on June 17 2020, demolition began on 1900 W 4th Avenue in Vancouver, which was custom built for CFUN-1410 in 1958, and where they would remain for the next 35 years.



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
 Email: NancyJohnson@prodigy.net

WDXR DEADLINES: Thursday July 9, Aug. 6, Aug. 20, Sept. 3, Sept. 17, Sept. 24, Oct. 1, Oct. 8, Oct. 15, Oct. 22. Please use Eastern Local Time.
 For reporters in AK, AZ, CA, CO, HI, ID, MT, NV, OR, UT, WA, WY and the Canadian provinces of AB, BC and the Yukon Territory.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-9444 W. Newport-Sun City AZ 85351 desertmoon_dxshack@inbox.com
Grundig Satellit 205, Panasonic RF-2200
- (DIG) **David Gordon**-Morgan Hill CA
Eton Traveller III radio
- (GK) **Glen Kippel**-Yucca Valley CA gkippel@hotmail.com
Icom R-75, K-180WLA amplified loop or 10x7' coaxial loop
- (JP) **Jon Pearkins**-Edmonton AB jon@pearkins.com
Sangean PR-D15 on batteries with internal 200 mm ferrite bar
- (NP) **Nigel Pimblett**-331 5th Street-Dunmore AB T1B 0J9 nige2730@telus.net
Perseus SDR, Wellbrook Phased Array
- (MS) **Mike Sanburn**-PO Box 1256-Bellflower CA 90707-1256 mikesanburn@hotmail.com
Sangean DT160

- 560 KLZ **CO**, Denver 6/11 0733 promo for local program "Here on AM 5-60, KLZ." Did not hear the station slogan "The Source" at the time. (RB-AZ)
- 670 KMZQ **NV**, Las Vegas 6/15 0600 copied on Satellit 205 and stock loop. Good ID by man, SRN News by "Rich Thomason (spelling - ?) in Washington," ID at 0606 repeated, to Hugh Hewitt "Good Monday morning." High peaks but sometimes overtaken by KLTT. (RB-AZ)
- 690 KRCO **OR**, Prineville 6/2 0601 ID as "Country's greatest hits, AM 690 and 92.9, KRCO," then back into county music. Strong signal, so suspect they were on day power. (NP-AB)
- 750 KXTG **OR**, Portland 5/28 2337 "CBS Sports" over KAMA. (GK-CA)
- 910 KKSF **CA**, Oakland 6/6 0700 ID as "KKSF Oakland, San Francisco, San Jose," mention of realtalk910.com website, then ABC news. (NP-AB)
- 930 KSEI **ID**, Pocatello 6/8 0642 man: "KSEI 9-30 and 98 point 9," up over the channel jumble. (RB-AZ)
- 920 KIXZ **TX**, Amarillo 5/28 0606 ad for RV sales and callsign ID. (GK-CA)
- 1010 KIHU **UT**, Tooele 6/11 0359 talk about marriage, mentions of Relevant Radio, "KIHU Tooele – Salt Lake City" ID. (NP-AB)
- 1050 KCAA **CA**, Loma Linda 6/13 0100 ID "You're listening to KCAA Loma Linda, your CNBC news station, expect the unexpected." (MS-CA)
- 1060 KKVV **NV**, Las Vegas 5/31 0337 gospel music, female announcer //web. (GK-CA)
- 1080 KSCO **CA**, Santa Cruz 6/13 0800 break from Coast-to-Coast program. Flagship station ID "AM 10-80 and FM 1-oh-4-point-1" to Town Hall news and Bob Agnew. Very good here with my local sunrise. (RB-AZ)
- 1140 KXST **NV**, Los Vegas 6/18 0915 string of local ad spots, syndicated sports program, still hanging in well after local sunrise here, and still hanging in at 1000. (RB-AZ)
- 1150 KAGO **OR**, Klamath Falls 6/5 0700 ID as "K225CW Klamath Falls is now on 92.9 FM and 1150 AM," then Fox news. (NP-AB)
- 1240 KASL **WY**, Newcastle 6/5 0100 rose over the jumble with "Newcastle's Real Country is 1240 AM." (NP-AB)
- 1260 KSUR **CA**, Beverly Hills 6/18 0800 good top of hour ID, "LA Oldies," very strong then dropped out. (RB-AZ)
- 1300 KCMY **NV**, Carson City 5/31 0400 callsign ID and "Cowboy Country" slogan, then country music. (GK-CA)
+6/8 0241 call letters, country music, "Cowboy Country" slogan and mention of being on 102.5 FM which is their FM translator. I think station was accidentally running on daytime power. (DIG-CA)
- 1350 KPWK **CA**, San Bernardino 6/2 0600 promo for "The Herd" Fox Sports program, then ID "...home for sports, KPWK AM 1350 Riverside-San Bernardino, an iHeart radio station." (NP-AB)

1370 (KWRM) CA, Corona 6/13 2100 still off the air. (MS-CA)
 1510 KPLS CO, Littleton 5/31 0508-0555 religious talk, at 0531 heard partial callsign ID and "Positive Lifestyle Radio" slogan, followed by mostly choir music. Was rock KCKK until 5/15. Some KFNN QRM. (GK-CA)
 1550 KXEX CA, Fresno 5/28 1131 callsign ID and "ABC News." Format swap with 1680. (GK-CA)
 1610 CHHA ON, Toronto 6/10 0158-0227 with the "Punjab content" listed on their new web program schedule from 0000-0500 Tuesday-Saturday and 1000-1300 Monday-Friday, initially baffling me after years of hearing them with Spanish overnights. Especially since the clearest signal was with antenna SW/NE, likely a result of neighbourhood RFI in other directions. Long blocks of vocal music, including over the top of the hour with no splitters and occasional dead air between songs, with a couple of minutes in breaks 2-4 times an hour. Music sounded like Hip-Hop played on instruments used in India. No sign of CKDO-1580, usually heard whenever CHHA is coming in. (JP-AB)
 KNEF687 WA, Ellensburg 6/10 0703 tape loop by woman, with safe driving info, call sign, several mentions of WA State Dept. of Transportation. (NP-AB)
 1710 ---- CA, Travis AFB 6/2 0558 tape loop with man advising to listen to this "information radio" for important notices. (NP-AB)

Thank you everyone for your reports this time. The next WDXR deadline is Thursday July 9. Happy Summer! – Nancy 6/19 1700



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
 Email: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@ircaonline.org

RIDING GAIN

[EB-MO] Eric Bueneman, Hazelwood MO NUIHEric@gmail.com
 CountyComm GP-5/SSB Gen 3 Ultralight receiver, Grundig AN-200 tunable loop, Yaesu FRG-7, Worcester Space Magnet II
 [JN-TX] James Niven, Austin TX jniven@austin.rr.com
 ELAD S2, Perseus SDR, Drake R8, DKAZ (East-South), 140' x 23' high
 [RW-NM] Robert Wien, Albuquerque NM wienbob@aol.com
 C-Crane Radio

DOWN THE DIAL

820 WWBA FL, Largo. 5/30 good signal. 0059 with a PSA, recorded "WWBA Largo, also on 96.7 W244EG Tampa and 98.3 W252DF Largo. Your home for the JP Peterson Sports Show, The Big 8" ID. New. [JN-TX]
 +6/10 good signal over WBAP. 0550 noted with *After Hours with Amy Lawrence*, local spots, "The Big Eight, WWBA Largo" legal ID with mention of relays at 96.7 and 98.3 MHz. [EB-MO]
 850 WFTL FL, West Palm Beach. 5/30 fair. 0059 with "News talk 850 WFTL West Palm Beach" recorded ID into ABC News. New. [JN-TX]
 860 KOSE AR, Wilson. 6/6 fair to poor signal, mixing with other stations. 0619 with "Classic Country Eight-60 KOSE" ID into Classic Country format. [EB-MO]
 970 KVWM AZ, Show Low. 6/12 good. 0900 with combo ID for KVWM and KDJI 1270 Holbrook going into Fox News. [RW-NM]
 990 WITZ IN, Jasper. 6/11 fair signal over KWAM, WNML. 0703 noted with "WITZ, W260DA Jasper" legal ID in heavily accented English into local news in Spanish. [EB-MO]
 1040 WHBO FL, Pinellas Park. 5/30 good signal. 0059 with "Your home for news and talk and information, 1040 WHBO Pinellas Park. Tampa Bay's all new talk 1040" ID. New. [JN-TX]
 1050 KVPI LA, Ville Platte. 6/17 fair to good signal at times using the East DKAZ. XEG was nulled to give me a pleasant surprise hearing this station. 0625 with promotion for the station. "...KVPI AM and FM... information about employment... job vacancies at our stations, please notify General Manager Martin Layne or email mrlayne at gmail dot com or call 337-363-2124... radio stations AM and FM..." this into weather report for the area and back to classic country music. New. [JN-TX]
 1110 WTIS FL, Saint Petersburg. 6/16 good signal on top 1110. 0601 with Spanish music, "WTIS FM and AM Clearwater and Saint Petersburg. Q Broadcasting..." ID in English by male announcer. New. [JN-TX]
 1120 KCRN CO, Limon. 6/12 good, fair signal. 0855 with full ID, mention of Limon and Black Forest and the Catholic Radio Network. [RW-NM]
 1170 KOWZ MN, Waseca. 6/16 fair to poor signal, mixing with KBOB, KFAQ. 0535 noted with "The Train" ID, weather forecast into Oldies format. [EB-MO]
 KYET AZ, Golden Valley. 6/12 fair, alone on 1170. 0852 with "1170 KYET" out of a country oldie. [RW-NM]
 1230 KRSY NM, Alamogordo. 6/12 just above the mess, quickly faded out. 0832 with "KRSY" ID. [RW-NM]
 1250 WHNZ FL, Tampa. 5/30 nice clear signal. 2359 with promo for "Wrongful Conviction" podcast available on iHeart radio followed by "1250 WHNZ Tampa available anywhere on the iHeart Radio app. Now number one for podcasting. An iHeart radio station" ID by male announcer. New. [JN-TX]
 WKBL TN, Covington. 6/16 fair to poor signal, mixing with KYYS, WSSP. 0625 noted with *Love Worth Finding* Christian teaching program, local spots mentioning numbers in Area Code 731. [EB-MO]
 1270 KFLC TX, Benbrook. 6/9 fair to poor signal, mixing with KRXX, WXGO. 0608 noted with sports talk and Univision promos in Spanish. [EB-MO]
 KSCB KS, Liberal. 6/12 on top of others. 0800 with several local spots, "News talk 1270 KSCB Liberal" ID. [RW-NM]
 1290 WCHK GA, Canton. 5/30 fair to poor. 2359 with "...WCHK... La Mega..." ID by female announcer. New. [JN-TX]
 1350 WSIQ IL, Salem. 6/11 fair to poor signal, mixing with KRNT. 0700 noted with "WSIQ AM and FM and 100-point-One WJBD FM Salem" legal ID into ABC News. [EB-MO]
 1360 WKMI MI, Kalamazoo. 6/16 fair to poor signal, mixing with WMOB, WSAI. 0506 noted with mention of "WKMI and the WKMI app" in a promo into *America In the Morning*. [EB-MO]
 1380 KOTA SD, Rapid City. 6/16 fair to poor signal, mixing with WAOK, WGLM, WLRM; local KXFN off for maintenance. 0526 noted with "KOTA news" mention in a promo into local spots. [EB-MO]
 1400 KFRU MO, Columbia. 6/11 fair to poor signal, mixing with KJFF, WGIL. 0713 noted with "98-point-Nine FM and AM 14-Hundred KFRU" ID in promo into local spots. [EB-MO]
 KIUN TX, Pecos. 6/12 good on top 1400. 0805 with a spot for a Pecos business "near Highway 204" and a "1400 KIUN Pecos" ID before fading into KTUC. [RW-NM]
 KTNM NM, Tucumcari. 6/12 briefly on top before fading under others. 0757 with "1400 KTNM" ID. [RW-NM]
 KTUC AZ, Tucson. 6/12 strong and alone. 0810 with "1400 KTUC" ID. [RW-NM]
 1440 WGEM IL, Quincy. 6/13 fair to poor signal, mixing with WROK, WZYX. 0455 noted with *ESPN Sports Center All Night*, ESPN promos, local spots and legal ID at 0500. [EB-MO]
 1480 WLMV WI, Madison. 6/12 fair signal over WJBM. 2251 noted with "La Unica, La Movida, Catorce Ochenta AM y Noventa y Cuatro punto Cinco FM" ID in Spanish into a Regional Mexican format. [EB-MO]
 1490 KJIN LA, Houma. 6/4 good signal. 0502 found some R&B songs while turning across 1490 and male announcer with "Where the jamz live, 104.7 and on AM 1490. K284CU and KJIN Houma" ID back into music. New. [JN-TX]
 1510 KPLS CO, Littleton. 6/12 good over his New Mexico local. 0833 with "K-Plus, KPLS" ID. [RW-NM]
 1570 WTWB FL, Auburndale. 5/30 fair signal noticed in a XERF fade at 0200 with "...WTWB Auburndale... La Raza..." ID by male announcer. New. [JN-TX]

UnIDs

1230 UnID 6/12 unID topping 1230, 0830 with NPR News. Loop NW/SE, mentioned Colorado. Might be KKPC however they are a Colorado Public Radio affiliate and the loop bearing did not seem appropriate. [RW-NM]
 1240 UnID 6/15 unID topping 1240 briefly, loop NW/SE. 0605 with Fox Sports Radio. A check of affiliate listings shows KAMQ (New Mexico) listed with ESPN but not Fox Sports and the KAMQ website has no mention of Fox Sports. Closest stations with that loop bearing are KSAM from Montana and KTIX from Oregon. [RW-NM]
 1410 UnID 6/13 unID at 0355 with weather, no mention of locale. ID mentioned 98.1 and 1410 going into an oldie from the late 1970s. Looped NW/SE. Any ideas? Might be KOOQ which is listed as classic hits and have an FM on 98.1. [RW-NM] [Ed.-KOOQ has been heard often in Phoenix.]

OPEN MIKE

Thanks to Eric, James, and Robert for reporting this week. Flashback returns next time. Years ago, only one issue of DX Monitor appeared in June. The next CDXR deadline is 7-9-20. IRCA members in AR, IL, IN, IA, KS, LA, MN, MS, MO, NE, NM, ND, OK, SD, TX, WI, MB, SK, and NWT report to CDXR. All times are Eastern, loggings over one month are tossed, Mexican stations are to be reported to DXWW. This column was typed 6-19-20. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
Email: n0uiheric@gmail.com
DEADLINES: Friday 2359 ELT

Report to this column if you live in AL, CT, DE, DC, FL, GA, KY, ME, MD, MA, MI, NH, NJ, NY, NC, OH, PA, RI, SC, TN, VT, VA, WV, NB, NF, NS, ON, PEI, QC or NU.

TUNING THE DIALS THIS ISSUE:

- (KK-VA) **Kraig Krist** (KG4LAC), Manassas VA
 Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
- (PS-ON) **Paul Snider**, London ON, Canada **paulisnider@yahoo.ca**
 Elad FDM-S2 software-defined receiver, Wellbrook ALA1530LN loop, MFJ-1020C as a tuner

ACROSS THE DIAL

- 850 KFUO **MO**, Clayton – 6/8 2225 noted with instrumental Christian music, “The Messenger of Good News, KFUO” ID at 2228, program promos with mentions of KFUO into another music set. A fair at times to very poor signal was noted, mixing with WKNR and assumed WPTK; confirmed via Tune-In Web stream. First time heard in London. (PS-ON)
- 940 CJGX **SK**, Yorkton – 6/13 2340 noted with a Country format in a mix of stations, clear “GX 94” slogan at 2350 by a female announcer into another music set. A poor to very poor signal was noted, mixing with a presumed CFNV and other stations. (PS-ON)
- 1050 WAYS **SC**, Conway – 6/1 2149 noted with “Fox Sports Radio now on FM at 101.9” mention by a male announcer. The signal was noted mixing with WBQH, WVXX and unidentified stations with Sports and Christian Talk formats. First time heard since call change from WHSC. (KK-VA) (WAYS was a legendary call in Charlotte NC; I heard this call on 99.1 MHz from Macon GA when I was living in Woodstock GA. 101.9 refers to W270BZ Conway SC – eb)
- 1080 WWDR **NC**, Murfreesboro – 6/1 1939 noted with “You’ve Got the Greatest Hits of All Time on Magic 97.9” mention by a male announcer. Jingle and an “America’s 97.9” ID by a male announcer at 1942; “Magic 97.9” ID by a male announcer at 1947. WWDR now simulcasts WTRG 97.9 Gaston NC from 1800-sunset and sunrise-0900 ELT. The signal was mixing with WALD and WWNL. (KK-VA) (WWDR is a 930-watt daytime only operation, according to the NRC Log – eb)
- WALD **SC**, Johnsonville – 6/1 2100 noted with “WARQ-HD2 Columbus, WALD 1080 AM Johnsonville/Florence, W254DG 98.7 FM Scranton, WEAF 1130 AM, W258GL 99.5 FM...this is the Worship and Word Network, a Glory Communications station” legal ID by a male announcer. The signal was noted mixing with WWDR and WWNL. (KK-VA)
- 1090 KAAV **AR**, Little Rock – 6/14 0018 noted with ads and promos, several KAAV IDs and mentions at 0020 into a Southern Gospel format. A poor to very poor signal was noted, mixing with WBAL and other stations. First time heard in London. (PS-ON) (KAAV presently operates under a 50 kW day/5 kW night ND STA – eb)
- 1330 WRAA **VA**, Luray – 6/14 0040 noted with Southern Gospel music, a clear “Joy FM” ID at 0050 into another music set; possibly on day power. An occasionally fair to very poor signal, mixing with the usual WFNN and WTRX, confirmed via Web stream at Joy FM-dot-org. (PS-ON)
- WETZ **WV**, New Martinsville – 6/6 2320 noted with a Classic Hits format featuring tunes by Sir Elton John and Styx, “93.1 WETZ” ID at 2325 into a tune by Irene Cara. An occasionally fair to very poor signal was noted, mixing with other stations; first time heard in London. (PS-ON) (93.1 refers to W226BE New Martinsville WV – eb)
- 1550 WZUM **PA**, Braddock – 6/7 0019 noted with weather report, “from WZUM” mention, program mentions with various “WZUM” mentions into a Jazz format. “You’re Listening to the Best Jazz in Pittsburgh” mention at 0025. A briefly fair to very poor signal was noted, mixing with CBEF and an assumed WDLR. First time heard in London. (PS-ON)

EDITOR’S NOTES

Thanks to Kraig and Paul for their logs this fortnight. Some trivia on KFUO: The call letters stand for “Keeping Forward, Upward and Onward”. The station shared time with KSD (now KTRS) on 550 during the 1920s and 1930s before moving to 830 as a limited-time operation sometime during the late 1930s. The station has been on 850 since May of 1941. It is the last remaining AM station that still broadcasts their entire broadcast schedule in a digital format in Saint Louis. KMOX 1120 stopped broadcasting full-time in digital in 2017, although they still occasionally test their digital equipment. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



DX WORLDWIDE/TROPICAL BAND DX – Brandon Jordan – PO Box 338 – Rossville TN 38066
Email: dxwww.irca@gmail.com
all times UTC

New Deadline – Monday 0000 UTC.

***** TRANS-PACIFIC DX *****

- 675 **NEW ZEALAND** Christchurch, Radio NZ National. JUN 8 1213 – Briefly fair with man DU English, UT //756, which was poor. Still traces of the pair at 1227. [NHP-BC]
- 702 **NEW ZEALAND** Auckland, ‘Magic Talk’. MAY 16 1209 – Poor with pop music //1107 which was even poorer at this time (1107 was a bit better ~20 minutes later). [NHP-BC]
- 747 **JAPAN** JOIB, Sapporo. NHK2. 17 JUN 1127 – Fair to good with man and woman in Japanese, amazing level so close to solstice. [NHP-BC]
- 828 **JAPAN** JOBB, Osaka, NHK2. 17 JUN 1113 – Fair to good with man and woman in Japanese, amazing level so close to solstice. [NHP-BC]
- 837 **CHINA** UnID. APR 19 1240 – Poor to fair with CNR1 program, man and woman talking, delayed by ~35 seconds from 945. [NHP-BC]
- 945 **CHINA** Jiaohu, CNR1. APR 19 1240 – Fair, with man and woman in Chinese. [NHP-BC]
- 954 **JAPAN** JOKR, Tokyo, TBS. MAY 1 1226 – Fair to poor with man in Japanese. Late in the season for this one, but it was also tentatively heard JUN 19 1133 with poor signal, but sure sounded like the woman was speaking Japanese; quite amazing at this location around solstice. [NHP-BC]
- 1098 **NEW ZEALAND** Christchurch, Newstalk ZB. JUN 8 1211 – Poor with DU sounding man mumbling, parallel with DU man also mumbling on 1503, both at near imaginary level, but the parallel clinched them. NZ on 1098 is quite rare here. [NHP-BC]
- 1323 **CHINA** Shuanghyashan, CRI. MAY 5 1203 – Fair with woman in Russian. Weaker on MAY 10 1200, with near imaginary CRI chimes and fanfare, latest heard for certain this season. [NHP-BC]
- 1386 **JAPAN** NHK2 synchros. MAY 15 1145 – Poor with man mumbling, but definitely parallel to 774 at this time. [NHP-BC]
- 1503 **JAPAN** JOUK, Akita, NHK1. JUN 19 1129 – Fair to mostly poor with pop vocal //JOAK-594 which was worse; however, 594 had been noodling around since 1115. A rather unusual visitor for solstice. NHK2 on 747 774 and 828 were also heard, along with possible Japanese on 1287 and 954 at similar times, but all quite poor levels. [NHP-BC]
- 1566 **REP KOREA** HLAZ, Jeju, FEBC. MAY 9 1152 – Very good strength with a woman talking in Chinese. This turned up with increasingly weak signals pretty much until solstice this year. [NHP-BC]

***** PAN-AMERICAN DX *****

- 550 **HONDURAS** HRH, Tegucigalpa. JUN 16 1001 – noted underneath KTSA with many mentions of ABC Radio by male, fair signal. Last heard 2015 from Corpus Christi, new from home location. Relog. [JN-TX]
- 570 **COLOMBIA** HJND, El Rosal. JUN 15 0958 – noted with male talk, then female with many mentions of “Radio Nacional de Columbia” leading up to the top of the hour, fair signal, mixed with Radio Reloj at times, but generally fair to good signal, noted on 06/14 the night before at 0210 with fair to good signal as well. New. [JN-TX]
- 590 **MEXICO** XEPH, Mexico, DF. JUN 15 0940 – noted with great tropical music, with my local KLBJ on my south DKAZ nulled, producing nice clear good signal, occasionally mixed with “La Mejor” XEFD. New. [JN-TX]
- 600 **MEXICO** XEHW, Mazatlán, Sin. JUN 17 0500 – out of music with ID, XEHW call letters read twice. Mention of 600 AM, 102.7 FM and Sinaloa. Plus an Aquí Nomás slogan. Good signal in KOGO null. First time heard. This is my 90th Mexican station logged from Mesa. [JcJ-AZ]
- MEXICO** XEOCH, Ocosingo, Chia. JUN 8 0958 – noted with fair signal at times, then at 1000 male and female giving ID “...Radio Chiapas... Radio y Television... Radio Chiapas...”, New. [JN-TX]

- 760 **MÉXICO** XEZZ, Huentitan El Bajo, Jal. JUN 16 095 – noted with a few mentions of “Radio Gallito” and “Jalisco” mentioned a few times, with fair to good signal under XEABC. New. [JN-TX]
- 780 **COLOMBIA** HJFV, San Juan de Pasto. JUN 8 0859 – noted with females with singing “Radio Viva” jingle at 0859 then male with “Radio Viva siete-ochenta AM...” mentioned a few times, fair signal, New. [JN-TX]
- 840 **COLOMBIA** HJKK, Neiva. JUN 14 0153 – noted with lively tunes, then male with canned ID as “HJ Doble K...”, then back into tunes, fair signal, all alone on frequency. New. [JN-TX]
- CUBA** CMHW, Santa Clara. JUN 16 0959 – noted with chime and singing ID by children, then female and male mentions “Doblevé”, then drops under WHAS, fair signal. Relog. [JN-TX]
- 860 **VENEZUELA** YVOL, San Cristobal. JUN 16 0958 – noted with many mentions of “Radio Mundial” and mentions of “Venezuela”, mixed with KONO and Radio Reloj at times, fair signal at times. New. [JN-TX]
- 910 **CUBA** Radio Cadena Agramonte, Camaguey. JUN 16 0959 – noted with mentions of “Radio Cadena Agramonte” and mentions of Cuba and Time Check was given. Signal was fair to good at times. New. [JN-TX]
- 1020 **CUBA** Radio Artemisa, Artemisa. JUN 16 1000 – noted with Cuban NA nice big signal, time check was given and station ID by male and female, then into news. Relog [JN-TX]
- 1110 **CUBA** Radio Angulo. JUN 8 0900 – noted with male speaking “...Radio Angulo... Cuba...” with fair signal. New. [JN-TX]

CONTRIBUTORS

- NHP-BC **NICK HALL-PATCH**, Victoria BC nhp@ieee.org
AOR AR7030, RFSpace SDR-IP; RFSpace SDR-14 running DX Fishbarrel program; north FLG-100 antenna, west FLG-100 antenna, 1m indoor box loop, 14m sloper, Misesk phasing unit.
- JcJ-AZ **JOHN C JOHNSON**, Mesa AZ
SDRplay RSPduo, Wellbrook ALA1530LNP
- JN-TX **JAMES NIVEN**, Cedar Creek (East of Austin), TX
ELAD S2, Perseus SDR and Drake R8 with Antennas as DKAZ (East and South) 140-foot x 23 high
- 73 and Good DX, Brandon



DXpeditions – Phil Bytheway – 9705 Mary Ave NW – Seattle WA 98117-2334

Email: DXM.EIC@gmail.com

Unless otherwise noted, all contributions are from the IRCA eGroup

Menauhant Beach DX 6-9-2020 (note: several audio files/clips are attached to all his reports to the IRCA eGroup – pb)

10 x 16 foot loop, using SDR G-33 w/amp. What can I say, just another good night at the beach. All files with Loop at 135°

- 0000
- 750 **BRAZIL** all alone with theme music and Radio America ID. The Grey Line Map has all of South America in darkness and the East coast at sunset. At a beach site and good conditions many from Brazil and Argentina could be had.
- 828 **SOUTH AFRICA** music but weak.
- 940 **BRAZIL** piano music, classical. Good on top.
- 1000 **BRAZIL** São Paulo. Good at start of file but had to go to USB as SPAIN got more strength.
- 1020 **USA** WIBG NJ. Latin music-LA Mega and then gone leaving something on the high side of 1020.
- 1040 **BRAZIL** Radio Capital, São Paulo. Good at first then CJMS w/C&W.
- 1080 **PARAGUAY** Radui Monumental, Caco-I. On top. Thanks to Fredrik Douren and Andrew Brade of RealDX. 2 CLIPS. First the original sent to RealDX and then the other a longer clip starting at 0000. The original listed as Unknown. NEW COUNTRY.
- 0030
- 610 **BRAZIL** in the mix.
- 680 **PUERTO RICO** WAPA. Talk, ID. CLIP.
- 700 **BRAZIL** woman in Portuguese.
- 720 **BRAZIL** man and a woman w/news.
- 729 **UnID** weak talk.
- 740 **BRAZIL** Salvador. With ID, then a loud woman talking. Good end of file. NEW.
- 750 **BRAZIL** Radio America. CLIP. I did a clip about 1 week ago but much weaker then.
- 0100
- 576 **ALGERIA** fair with maybe Quran.
- 580 **PUERTO RICO** strong on top.
- 0115
- 539.86 **NICARAGUA** Managua. Fair with talk and slop.
- 549 **ALGERIA** fair.
- 550 **PUERTO RICO** WPAB. Mixing w/WDEV VT and others.
- 670 **CUBA** Rebelde. Talk //710 and another Spanish, maybe Venezuela.
- 999 **SPAIN** woman announcer w/some music to a fair peak.
- 0200
- 560 **ARGENTINA** LRA13, Nacional. W/5+1 pips in the mix.
- 670 **COLOMBIA** Medellin. Some news, piano music, and identification.
- 760 **BRAZIL** in the mix.
- 840 **BRAZIL** Salvador. Man with ID, then into news.
- 870, 1110, 1190 and 1270 **ARGENTINA** 2+1 pips in the mix with 1270 weaker
- 1290.3 **BRAZIL** under and over 1290.
- 1309.705 **UnID** near audio level.
- 1422 and 1431 **UnIDs** mumbles.
- 1660 **PUERTO RICO** WGIT. Religious station. CLIP.
- 820 **ARGENTINA** 5+1 pips in the mix.
- 870 **ARGENTINA** good pips and a wobbler.
- 1030 **ARGENTINA** mixing w/BZ.
- 1060 **CUBA** per Chuck Hutton an Alessandro Groppazzi.
- 1089 **UNITED KINGDOM** TalkSport. Fair.
- 1309.704 **UnID** Spanish talker.
- 760 and 770 **COLOMBIA** RCN. 5+1 pips.

That is it for now. Take care, **Roy Barstow** – Falmouth MA.

Menauhant Beach DX 6/9-10/20

All files at 135°

- 2330
- 940 **BRAZIL** Rio. Talk in fair.
- 1290.3 **BRAZIL** fair w/slop.
- 0000
- 1270 **ARGENTINA** 5+1 pips in the mix.
- 1377 **UnID** weak w/talk.
- 0015
- 621 **SPAIN** weak.
- 810 **BRAZIL** talk in fair and on top.
- 700 **BRAZIL** Nossa, São Paulo. On top w/talk.
- 870 **BRAZIL** 2 persons having a conversation.
- 760 **BRAZIL** man singing, fair.
- 1377 **TANZANIA** weak with a woman singing.
- 800 **BRAZIL** woman in Portuguese. This one comes in before Colombia or PJB gets rolling.

- 0030
 610 **BRAZIL** good on top w/talk.
 750 **BRAZIL** fair w/talk.
 1431 **DJIBUTI** weak.
- 0100
 891t **LSO** Lancers Gap. Weak with talk. ALGERIA off.
 1030 **ARGENTINA** ID, and song, beating up WBZ.
- 0130
 590 **ARGENTINA** 2+1 pips under others.
 760 **COLOMBIA** RCN with 5+1 pips at the 1/2 hour.
 870 **ARGENTINA** 2+1 pips in good and no Cuba at the time.
- 870 **ARGENTINA** 2+1 pips with wobbler.
 1280 **BRAZIL** Radio Tupi. With many ID. Rio with talk and on top.
- 1170 **COLOMBIA** Caracol. CLIP.
 1210 **CUBA** Sancti Spiritus. Reloj w/clock.
- 950 **ARGENTINA** 2+1 pips in mix. In the CLIP pips start after the man says, Have a good night.
 1110 **ARGENTINA** 2+1 pips in the mix.

Just another report at the beach. Take care, **Roy Barstow** – Falmouth MA.

**DXpedition #12 – Weldon Spring Conservation Area, Weldon Spring MO
 Eric Bueneman (NØUIH)**

I decided to try someplace different for this DXpedition on the evening of June 13 (UTC June 13-14), 2020. This time, I selected Weldon Spring Conservation Area between Weldon Spring and Defiance MO. The area is in east central Saint Charles County, about 30 miles west of downtown Saint Louis on Missouri Highway 94 south of the interchange with Interstate 64/US Highway 40. This area, like Marais Temps Clair Conservation Area, is operated by the Missouri Department of Conservation. There were several places to set up; I chose the gravel parking lot along Missouri Highway 94 about a mile south of Francis Howell High School, at the trailhead of the Clark Trail and the longer Lewis Trail, which are west of the Katy Trail, the main trail through the area. Temperatures were in the upper 80s Fahrenheit with clear skies and low humidity, dropping into the lower 80s by 2200 ELT (0200 UTC).

Once again, I brought my trusty General Electric Superadio III for AM broadcast band DX, and my Tecsun PL-600 for Tropical Band DX. A 30-foot homebrew longwire was connected to the PL-600, as always. The first thing I noticed were that the signals of the Saint Louis lower power AM stations were attenuated; I could only get good signals from KTRS 550, KFNS 590, KYFI 630 and KMOX 1120 throughout the DXpedition; KSTL 690, WEW 770, KFUE 850, KXFN 1380 and KATZ 1600 had decent signals before sunset. The digital sidebands from KFUE 850 were negligible, at best. All the AM broadcast band DX was heard above 1200 kHz, with Tropical Band DX heard after 2000 ELT (0000 UTC). I arrived around 1910 ELT (2300 UTC) and set up on the far end of the parking lot and monitored until 2200 ELT (0200 UTC). This is the second Missouri Conservation Area I've set up at where closing time is 2300 ELT (0300 UTC); the other one is the aforementioned Marais Temps Clair Conservation Area.

All times for domestic AM DX logs are ELT; UTC for Pan-American AM and Tropical Band logs.

DOMESTIC (US and Canada) DX

- 1260 WSDZ **IL**, Belleville – 6/13 2033 noted with promos, "Relevant Radio" ID into a discussion. A fair to poor signal was noted, mixing with KSGF.
 1290 WIRL **IL**, Peoria – 6/13 2150 noted with Oldies format, "WIRL" jingle; switching back and forth between Oldies and a rebroadcast of a Cardinals baseball game. A good signal was noted before 2130 pattern change; fair to poor signal mixing with WHIO after 2130 pattern change.
 1440 WGEM **IL**, Quincy – 6/13 1917 noted with weather forecast for Quincy into sports talk from ESPN. A fair signal was noted, alone on the channel.
 1450 WFMB **IL**, Springfield – 6/13 2056 noted with local ads, "1450 AM WFMB Springfield" legal ID into ABC News update. A fair signal was noted with minor ACI from KHOJ 1460.
 1460 KXNO **IA**, Des Moines – 6/13 2100 noted with "KXNO Des Moines, an iHeart Radio Station" legal ID into Fox Sports update. A fair signal was noted through KHOJ.
 1490 KDRS **AR**, Paragould – 6/13 2140 noted with "This is iRock Radio" ID into a rock format. A fair to poor signal was noted, poking through other stations.
 1490 KTRR **MO**, Rolla – 6/13 2024 noted with weather forecast from KYTV in Springfield, MO, "Hot 104.9" ID into Contemporary Hit Radio format. A fair signal was noted over other stations.
 1510 WCAZ **IL**, Macomb – 6/13 2020 noted with Classic Country format, "Real Country" ID. A fair signal was noted, mixing with WLAC.
 1540 KXEL **IA**, Waterloo – 6/13 1952 noted with "News Radio 1540 KXEL" ID in promo into a rebroadcast of *The Sean Hannity Show*. A fair signal was noted over WSMI.
 1560 KLTU **MO**, Macon – 6/13 2004 noted with Country format, call letters. A fair to poor signal was noted under KTUI.
 1560 KTUI **MO**, Sullivan – 6/13 2006 noted with "KTUI" ID, weather forecast into a discussion. A fair signal was noted over KLTU.
 1570 WFRL **IL**, Freeport – 6/13 2102 noted with Country format, "Big Radio" ID. A fair to poor signal was noted, mixing with WBGZ.
 1570 KBCV **MO**, Hollister – 6/13 2008 noted with *In Touch with Charles Stanley* via Bott Radio Network //KSIV-FM 91.5 MHz. A fair to poor signal was noted over WBGZ.
 1590 WCGO **IL**, Evanston – 6/13 2154 noted with Big Band music, brief open carrier, "WCGO and W240EH Evanston/Chicago" legal ID. A good signal was noted over WNTS.
 1590 KMOZ **MO**, Rolla – 6/13 2010 noted with *In Touch with Dr. Charles Stanley* via Bott Radio Network //KBCV 1570 kHz and KSIV-FM 91.5 MHz. A fair to poor signal was noted, mixing with WNTS.
 1610 CHHA **ON**, Toronto – 6/13 2107 noted with Latin American pop music, local ads in Spanish. A fair to poor signal was noted, alone on the channel.

PAN-AMERICAN DX

- 1620 **CUBA** Radio Rebelde synchronos – 6/14 0149 noted with Cuban-style vocal music //5025 kHz. A fair signal was noted over KOZN, WNRP and WTAW.

TROPICAL BAND DX

- 4765 **CUBA** Radio Progreso via Bejucal, Ciudad de la Habana – 6/14 0032 noted with pop music and ID in Spanish. A fair to poor signal was noted.
 5025 **CUBA** Radio Rebelde CMBA Bauta, Ciudad de la Habana – 6/14 0151 noted with Cuban-style vocal music //1620 kHz. A good to fair signal was noted.
 5050 **UNITED STATES** WWRB Manchester TN – 6/14 0037 noted with a church service recorded from a telephone line. An excellent signal was noted.
 5085 **UNITED STATES** WTWW Lebanon TN – 6/14 0039 noted with a recording of an organ concert, announcements in English. An excellent signal was noted.

DXpedition NOTES

This DXpedition was another excellent one; 17 of the 22 shortwave signals logged were above 5.1 MHz. I noted Asia and the Pacific on the 13 and 15 MHz bands, while Europe, the Middle East and the Americas were heard on the 6, 7, 9 and 11 MHz bands. This is the second DXpedition location where I've noted AM BCB stations from outside the United States. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



DX FORUM – Richard C Evans – 3908 Grand Oak Ave Apt 4 – Indianapolis IN 46237
 Email: REvans5435@yahoo.com
 DEADLINES: Saturdays

Deadlines: 7/11 and 8/8

Glenn Hauser, PO Box 1684, Enid OK 73702 wghauser@yahoo.com

Greetings. All times and dates strictly UT. Receivers: IC-R75 with E-W longwire; DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified.

This report covers May 25-June 7. Extracted from my daily all-band log reports as archived here: <http://www.worldofradio.com/Hauserlogs.html>

Frequent heavy storm noise on LW, MW and lower SW has minimized my seasonal DXing on those bands, but I have enjoyed some sporadic E FM DX openings. These are fully reported in my Log Roundups: Coahuila, Durango, Baja California, June 13, 0028-0129 Arizona, June 13, 0101-0135 Ohio, Pennsylvania, New York, June 17, 2114-2245 Saskatchewan or Ontario, June 19, 0148-0153.

CANADA [and non]. 245-MCW kHz, June 12 at 0540, dash and YZE, ND Beacon at Gore Bay, Ontario, 1000 watts, to be decommissioned September 10 2020. Also 245-MCW, mixing with very different pitch, FS, 400 watts at Sioux Falls-Rock, South Dakota. I was tuned to 246-USB. Storm noise not too bad tonight, none very close.

CANADA. 413-MCW kHz, June 16 at 0620, dash and YHD, 250 watt NDB at Dryden, Ontario; presumably what I copied as YHM. 382-MCW kHz, June 16 at 0623, dash and YPL, 1000-watt NDB at Pickle Lake, Ontario. Storm noise level not bad tonight.

OKLAHOMA. 341-MCW kHz, June 13 at 0627. Check, Enid's only NDB, EI at Woodring Airport is back! Also at 1300. Nominal 25 watts not far away but as always JBA. Had disappeared in mid-March and absent when tuned by almost every night since until 3 months later. You may assume it remain until I report it gone again.

USA. 420-MCW kHz, June 16 at 0618, 25-watt NDB, FQ at Fairmont, Minnesota; I was tuned to 418-USB. 415-MCW kHz, June 16 at 0619, 25-watt NDB, IY at Charles City, Iowa. 408-MCW kHz, June 16 at 0620, 25-watt NDB, JDM at Colby-Wheatfields, Kansas. 395-MCW kHz, June 16 at 0621, 25-watt NDB, ULS at Ulysses, Kansas. Storm noise level not bad tonight; also got a couple from CANADA.

OKLAHOMA. 515-MCW kHz, June 14 at 0558, NDB PN in Ponca City is OFF – first time I've noticed it absent. Easy come, easy go? Just after 314-MCW kHz, EI in Enid came back after 3 months, and not long ago 255-MCW kHz, SW in Stillwater came back. All allegedly 25 watts, but PN was always much stronger, also than the other regular groundwave Okie, 350-MCW kHz, RG at Will Rogers World Airport, SW OKC All three of those still running, although EI has CCI from OIN in Oberlin KS, almost the same pitch too. PN still off at 1347, the others still on.

OKLAHOMA. 515-MCW kHz, June 14 at 2140. Check, NDB PN from Ponca City is already back on after AWOL last night. It's always had, and still does, a slight 'chirp' on its tone modulation. The other three much weaker nominally 25-watt Okies are also still on, 255, 341 and 350 kHz.

OKLAHOMA. 515-MCW kHz, June 18 at 1423, PN, Ponca City NDB is off again; becoming sporadic.

OKLAHOMA [and non]. 740 and 1170, June 21 at 0033. check, no surprise that Tulsa's big two talk stations, KRMG and KFAQ are both broadcasting Trump's pathetic speech live; don't know about Tulsa TV stations, but major OKC ones are too: KFOW, KOCO, KWTW, and a little late, the Fox affiliate, KOKH. Meanwhile, as Drumpf started a few minutes earlier, both CNN and MSNBC were "not" – rather an SPCA PSA and general commentary, although with a split screen on Tulsa. There was no sign of our beloved Gov. Kevin Stitt, who had previously proudly proclaimed that he would be unmasked introducing the acting president.

OKLAHOMA [and non]. Since I no longer have a regular DXLD section UNSOLICITED TESTIMONIALS, I can't resist quoting this nice response, especially since some other guy brickbats me and wants me banned from some list: "Glenn, I always enjoy your detailed reports, writing style, and commentary! This time, I particularly liked your discussion of "USA. 1270, June 2 at 2014, in full daytime conditions, KRXXO Claremore (Tulsa) OK silly sports talk at 5 kW with heavy SAH of exactly 1 Hz from another groundwaver...." Lotta good DX tech and thinking in that, good science and detective work, plus I so agree with your assessment of "stupid sportstalk" programming. It's why I cannot sit on any station for more than a few minutes these days, except the rare ones that run music. Can't stand the mindless talk of any flavor. //Thanks again for your informative/entertaining reports, always a good read! – 73s de Fred in Waynesburg PA (with a wonderful ICOM 7300 I seldom get to use)" Schroyer, IRCA log. Thanks, Fred!"

USA. 1310, June 21 at 1116, weather forecast in English from KCIG(??). Closest fuzzy call, also geographically, is KZIP Amarillo TX; trouble is, listed everywhere as Spanish-regional Mexican; have they flipped or just do weather in English anyway? This corporate site adds many other stations, both Spanish and English, but no further links, no website of its own: <https://www.hpr.network/texas>. Various streaming services will not connect to KZIP, but one shows it as a Farm station (in English), probably long outdated; or updated? <https://radiostationnet.com/am/texas/KZIP/> including an off-air clip of English ID.

USA [and non]. WORLD OF RADIO 2039 contents: Antarctica non, France non, Germany, Iran, Korea South, Mexico, Nigeria, North America and non, Oklahoma, Sarawak non, Somalia, Ukraine, UK, USA shakeup at USAGM and VOA, Vanuatu; propagation outlook WOR 2039 is available as of 0104 Friday June 19 (mp3 stream) <http://www.w4uvh.net/wor2039.m3u> (mp3 download) <http://www.w4uvh.net/wor2039.mp3> Or via <http://www.worldofradio.com/audiomid.html> Also links to podcast services. Confirmed. Sunday June 21 at 0332 on WA0RCR, 1860-AM, MO, via SDR in Indiana, good but storm noise, about 5 minutes into so started circa 0327.

CANADA. 2749-USB, June 8 at 0524. RoboYL in French JBA just as she's going off; Nova Scotia area Canadian Coast Guard marine weather frequency; at least detectable despite high storm noise level not close to here but mainly from South Dakota into SW Ontario (commonly miscalled NW Ontario from the POV of Toronto); and some scattered Mexican spots. None of the four stations are supposed to be on air at this time per <http://dxinfocentre.com/mb.htm>

USA. 4840, June 16 at 0613, dead air from WWCR-3. TOMBS is supposed to start at 0600 Monday-Friday; was it dead clear thru until 1200? One can only hope.

CUBA. 5040, June 8 at 0529, Radio Havana Cuba in wrong language Spanish, while English succeeds on 6000, 6100, 6145, with 6060 still AWOL. 5040, June 11 at 0056, Radio Havana Cuba in French is also extremely distorted.

USA. 5085, Sunday June 14 at 0032, WTTW-2 has started 'TONITO', organist introducing piece by Duke Ellington. I swiftly abandon the distorted 5085 for clear Stereo webcast via <http://wtww.us/pages/listen-live/tx2.php> apparently a guest performance with a live applauding audience. Yes, at 0058 Bob Heil outros as George performing in Buffalo; still no program title, and WTTW hastens to revert to rock music.

Until the next, Best of DX and 73 de Glenn!



IRCA TECHNICAL COLUMN – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6
Email: nhp@ieee.org

Misek/Lankford Phaser 2 Project
by Everett Sharp N4CY everettsharp@aol.com

(editor's introduction: among the various designs created by Dallas Lankford, was the his version of the Victor Misek "Improved Null Steering Circuit", initially intended for use with parallel Beverage antennas, and found in his Beverage Antenna Handbook. Lankford modified the design further, culminating in his "MW Phaser #2", the schematic of which is found in **Figure 1**. Lankford's article describing this phaser can be found at <http://files.pu2nol.webnode.pt/20000192-61250621eb/MWPhaserno2.pdf>)

About 3 months ago I built a Phaser 2, but found it very time consuming to figure out how to connect the phasing coils. I wanted to build this newer version in a better layout and also make provisions to feed power to remote active antennas, without having to use an external Bias Tee Power Injector.

To make it easier I marked and labeled the connection points on the Lankford schematic, which are marked in RED in **Figure 1**. On my first Phaser 2, I used BN73-302 binocular cores, rather than the FT50-75 cores that Lankford used, and decided to use them again on this new build. To eliminate mistakes hooking up of the phasing coils I designed a printed circuit board (PCB) for the phasing coils, pictured in **Figures 2 and 3**. I also decided to add the the combiner transformer (T1) and the resistor network for the output to the receiver on this PCB.

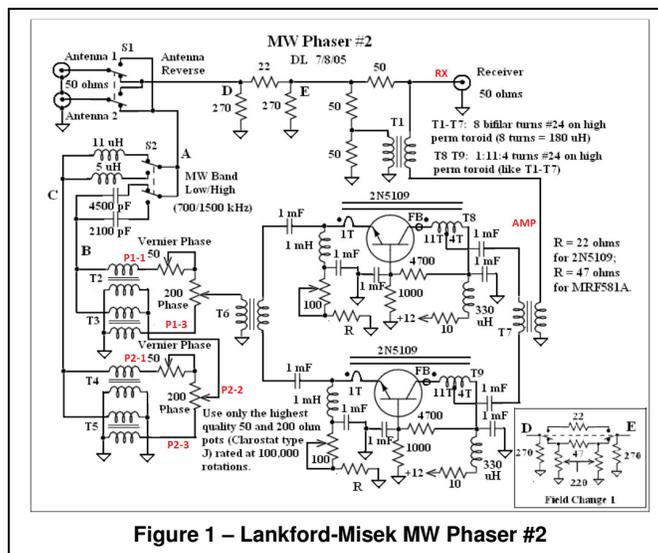


Figure 1 – Lankford-Misek MW Phaser #2

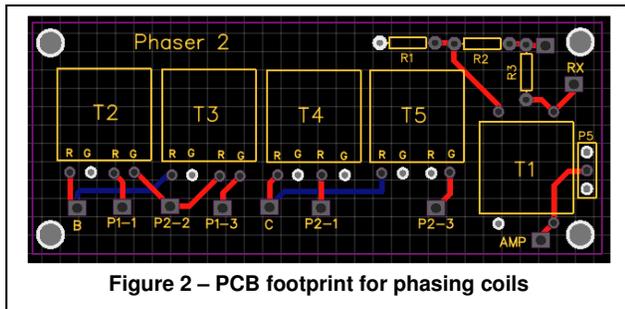


Figure 2 – PCB footprint for phasing coils

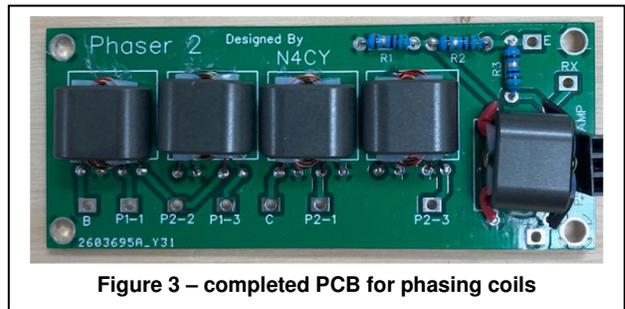


Figure 3 – completed PCB for phasing coils

I wanted to use a Norton amplifier built on a printed circuit board. Since there were no commercially available Norton amplifiers I decided to design one myself. Steve Ratzlaff, AA7U, worked on the project with me and, between the two of us, we come up with the best circuit and board design. We went through six different board designs before we settled on the pictured board in **Figure 4**.

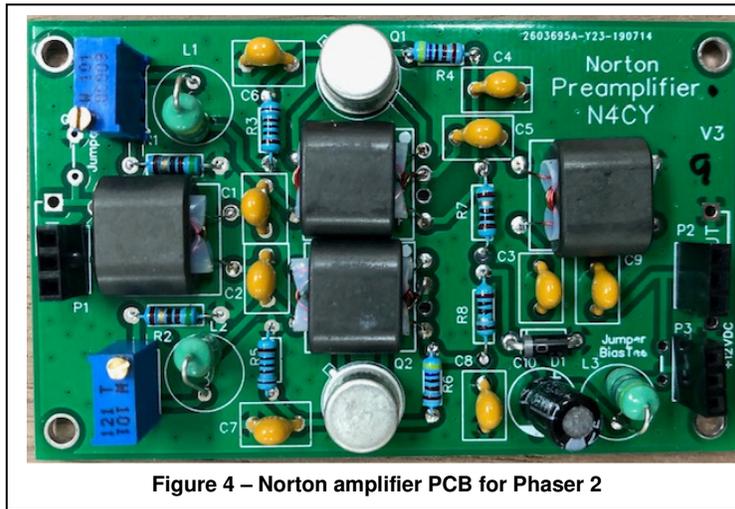


Figure 4 – Norton amplifier PCB for Phaser 2

Figure 5 is the a schematic that was used for the final Norton design. I added several options to the design so it could be used it for other applications. I am currently using one of the Norton amplifiers on my 60' loop and will later be using a Norton amplifier on a Low Noise Vertical.

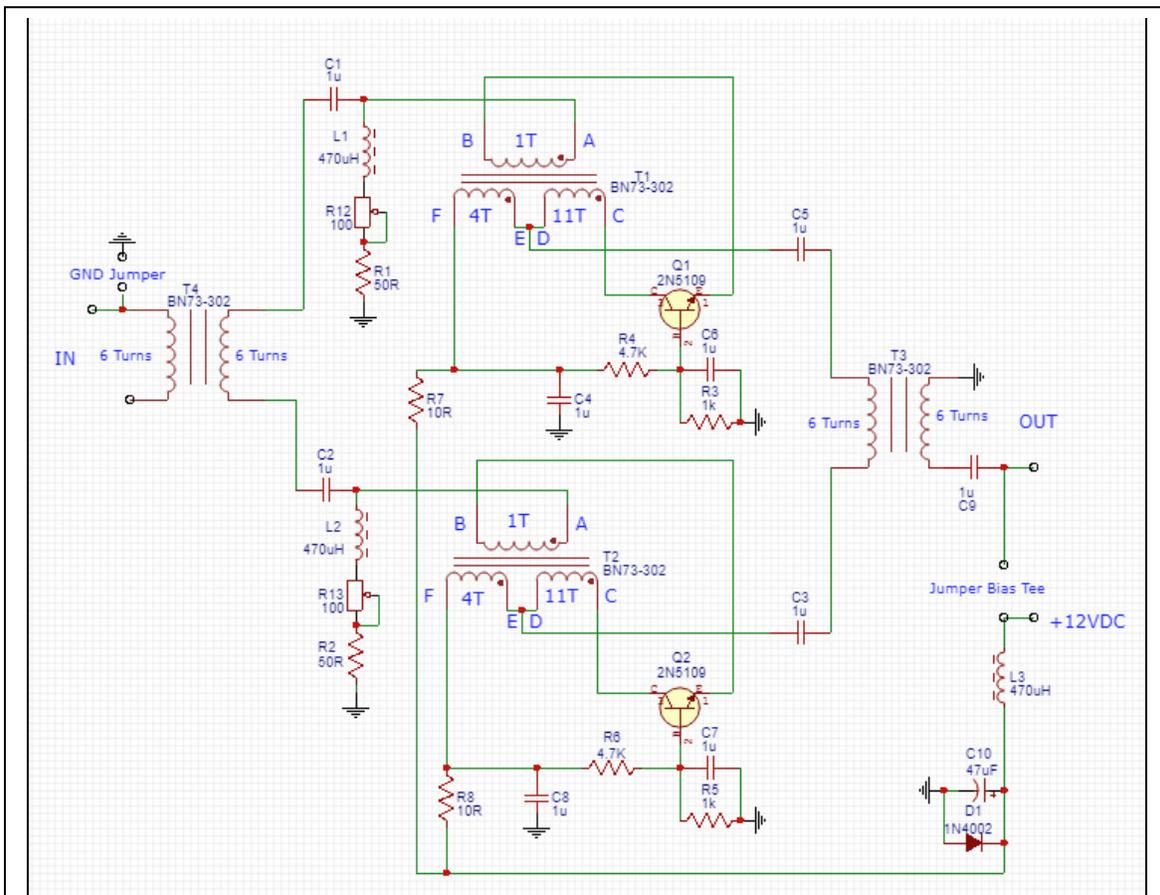


Figure 5 – schematic diagram for Norton amplifier used in Phaser 2

The next step was to build the band switch. I found a ceramic rotary switch on eBay that looked like it would work, but it required some modifications. The project required a 6 position, 2 pole rotary switch. However, I had to remove some of the stops, as it would only turn in 3 positions. For the coil I used a Micro Metals T130-1 toroid. I found that I had to modify the turns count from what was originally used in the Lankford article in order to get close to the same inductance numbers that were listed in his article (see **Figure 6**).

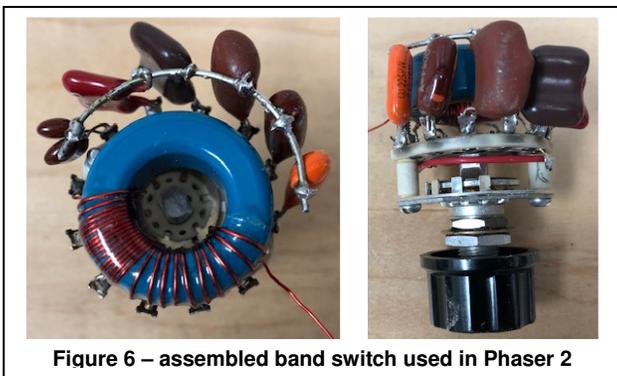


Figure 6 – assembled band switch used in Phaser 2

The chart in **Figure 7** shows the turn count that I used, and the resulting inductance. I checked out the finished inductor/capacitor combinations, using my Vector Network Analyzer (VNA), to see what the final results were. Most of the frequencies were about the same, with the exception of the highest band. Lankford had listed 14MHz; however, I ended up with 17.5MHz. It probably makes little difference, so I decided to make no changes and go with what I had. The chart below on the lower left is mine; the one on lower right is from the Lankford article. In **Figure 8** is the schematic for the band switch that was in the Lankford article and is what I used.

350kHz	26.72uH	11T	.01uF	300 kHz	26 uH	0.01 mF
643kHz	9.89uH	5T	.005uF	700 kHz	11 uH	4500 pF
1,525kHz	4.96uH	4T	2000pF	1500 kHz	5 uH	2100 pF
3,300kHz	2.31uH	2T	1000pF	3200 kHz	2.5 uH	1000 pF
6,600kHz	1.3uH	2T	360pF	6400 kHz	1.2 uH	500 pF
17,500kHz	.7uH	2T	200pF	14 MHz	0.6 uH	220 pF

Figure 7 – changes to bandswitching inductor

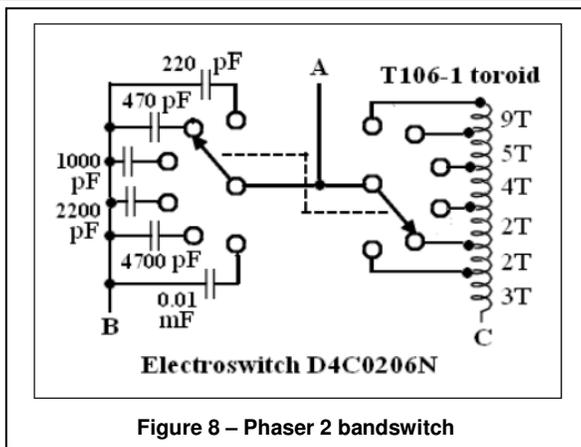


Figure 8 – Phaser 2 bandswitch

I was lucky enough to find two 250 Ω and two 50 Ω Allen Bradley type J pots on eBay. These are the main phasing controls, and are placed on the front panel of the phaser. **Figure 9** shows the start of the layout for the project. I moved the knobs around on the front panel and then, once satisfied with their positions, started marking it up with a Sharpie. The holes were center punched and drilled out with a small drill bit. I used a Uni-Bit to drill out the holes for the rotary switch and pots to the correct size. For those who may not know what about Uni-Bits, I have added a picture of a pair in **Figure 10**. You can buy a set for around \$20.

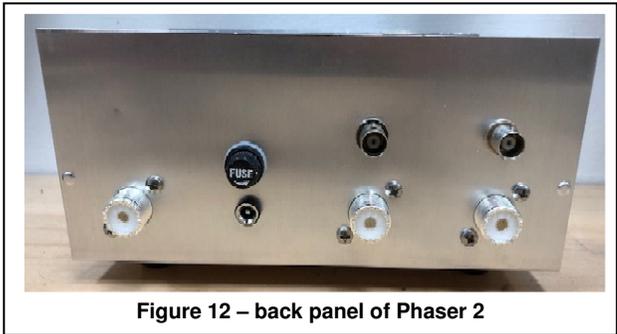
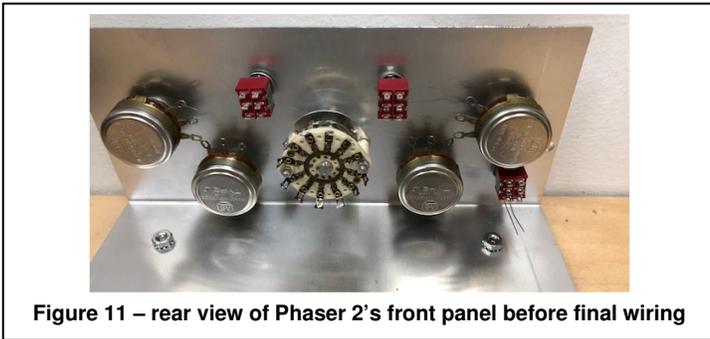


Figure 9 – initial layout for Phaser 2 front panel

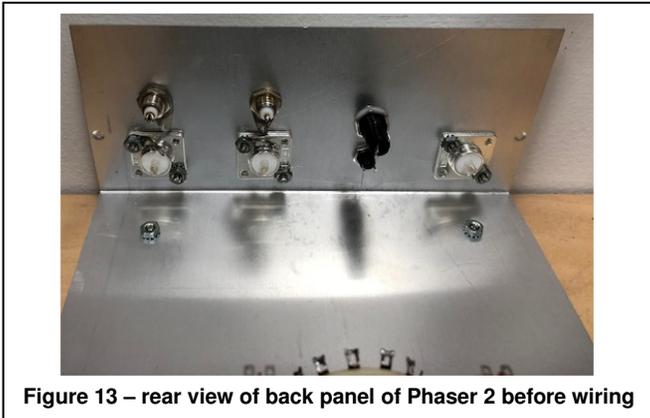


Figure 10 – Uni-Bits

Figure 11 is a back view of the pots and switches mounted on the front panel of a Bud Aluminum Enclosure, which is 8"X 6"X 3 1/2"; I found the box on Amazon, delivered, for around \$20.



On the back panel, I added BNC connectors that are connected in parallel with the SO-239 UHF connectors, so there will never be a need for an adaptor (Figures 12 and 13).



In **Figure 14**, you will notice I have marked "P" on the various connection points on the variable resistors "Pots". The markings match up with the alphanumeric pads on the phasing coil PCB.

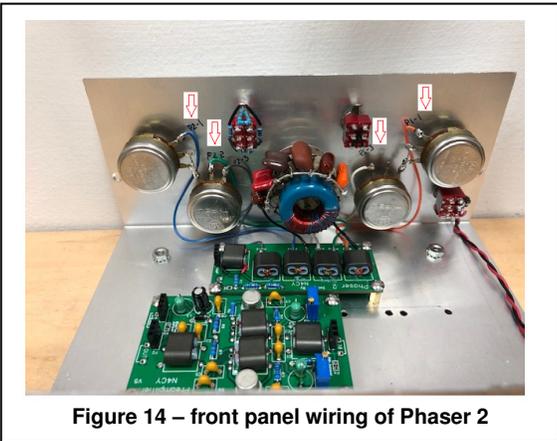


Figure 15 shows the switch that I wired up for the attenuator. I took a different aproch from what Lankford used, as his attenuator was not linear across the band. There is an attenuator that is built into the circuit that is around 4dB, which is there to balance the two inputs to the combiner transformer (T1). When the switch is turned on, there is an additional 6.5dB of attenuation. I found that an attenuator is necessary if you have antennas with vastly different gains.

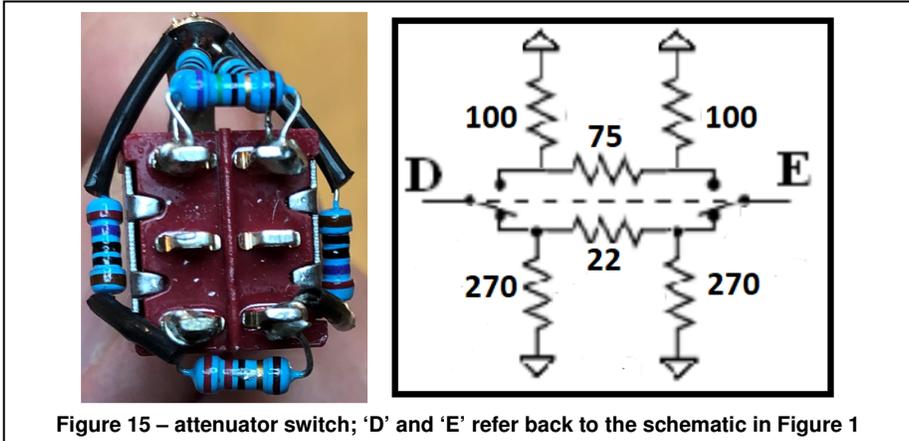


Figure 15 – attenuator switch; 'D' and 'E' refer back to the schematic in Figure 1

Figure 16 portrays a sweep using a VNA which shows the attenuation with, and without, the attenuator turned on. With the attenuator turned off (through the 22 and 270 ohm network) loss is about 4dB and with the attenuator turned on, it is slightly over 10dB.

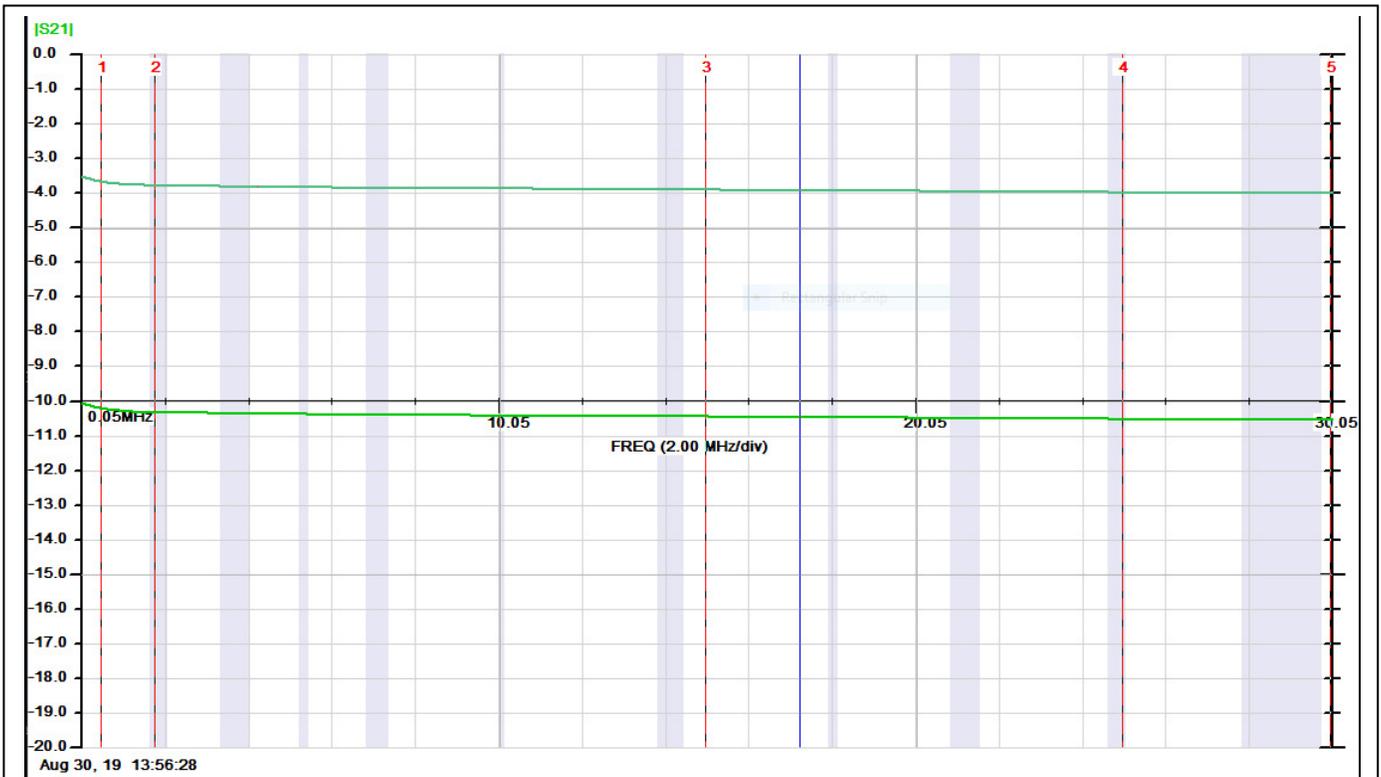


Figure 16 – VNA sweep of attenuator, between 0.5 and 30.5 MHz

After the Phaser 2 was completed, I checked it out to make sure it was working properly. Then I added the 2 Bias Tee Power Injector modules so I could supply power two antenna ports if needed. Doing this will allow me to power my active antennas without having to add an external Bias Tee Power Injector. I had to do some head scratching to figure out how to be able to switch the power injectors in and out of the circuit when not needed. This was done by using a DPDT switch on each of the antenna inputs. I added LEDs to both of the antenna jacks so I would know if there was power at either of the antenna input connectors.



Figure 17 – completed Phaser 2 wiring

One of the time consuming parts of this project was adding labels to the finished Phaser 2. I searched on line and found some dial templates, and was able to modify them using MS Paint. I printed the final decals on some clear vinyl printable sheets that I bought from Hobby Lobby. The design, printing, cutting and placing them on the Phaser 2 took the most part of the day.

It was a fun project with a lot of man hours invested in it. However, it was worth the effort as it turned out to be very functional and works very well. Using two active vertical RX antennas that are about 60' apart I am able to steer a null almost 360 deg. Also I am able to null all of the local AMBC stations, with 60dB, or better nulls.

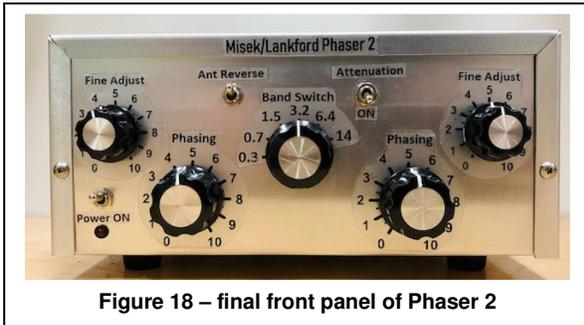


Figure 18 – final front panel of Phaser 2



Figure 19 – final back panel of Phaser 2

In **Figures 20 and 21**, you can see how the Phaser#2 lowered the noise at the low end of the MW Band. I was using two vertical antennas, one is a Lankford Low Noise Vertical and the other is Clifton Labs Z1501 Active Whip Antenna. The two verticals are about 100' apart. I also got the same results with a Meter M0AYF loop that was 75' from the vertical.

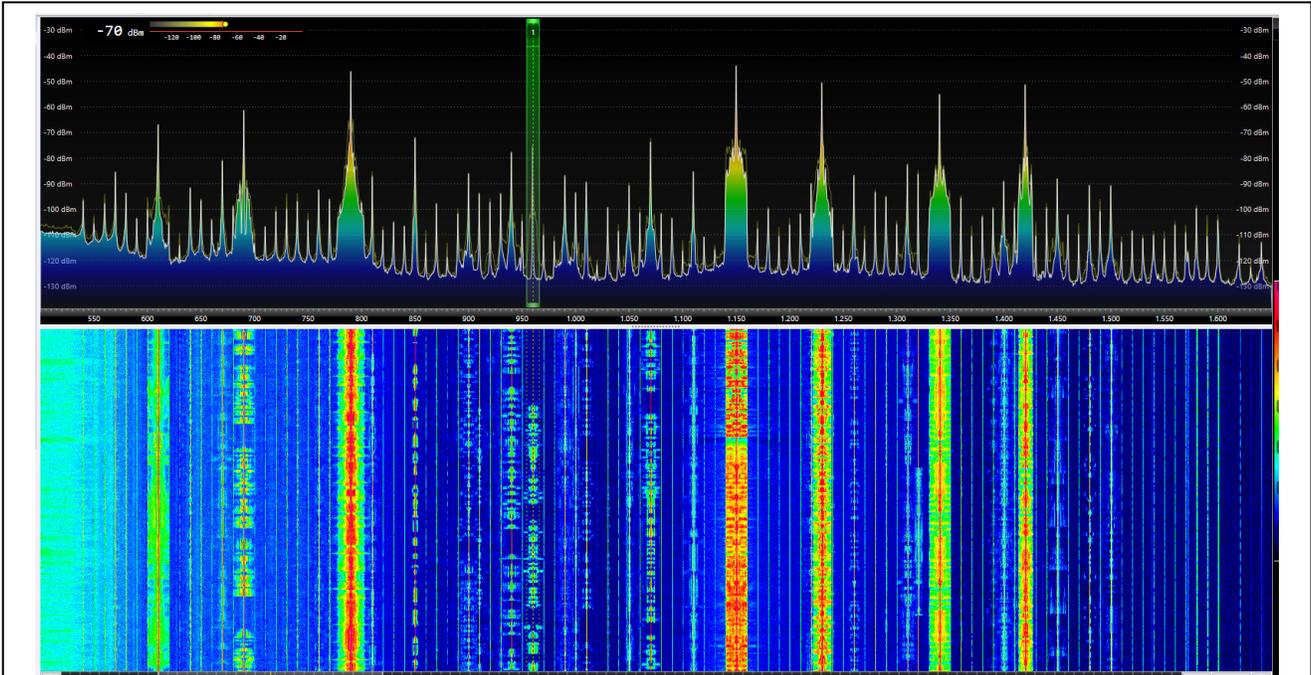


Figure 20 – MW band spectrum before applying phasing; note the noise at the low end of the band

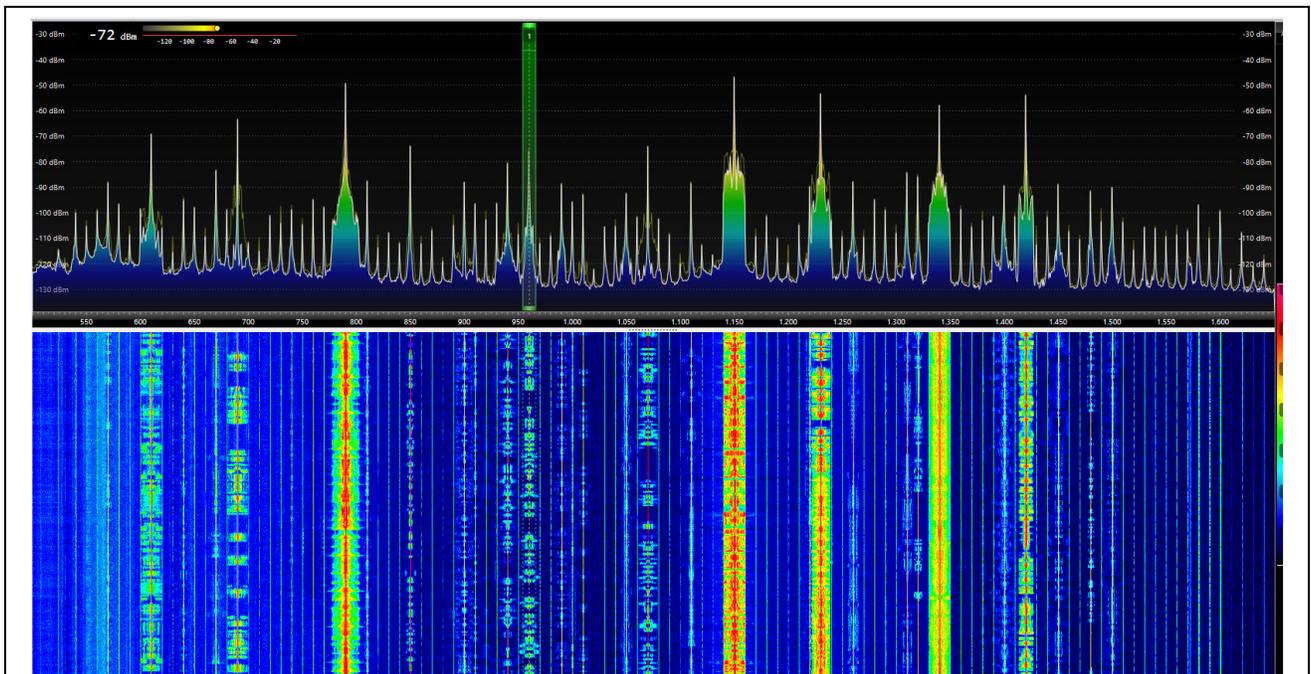
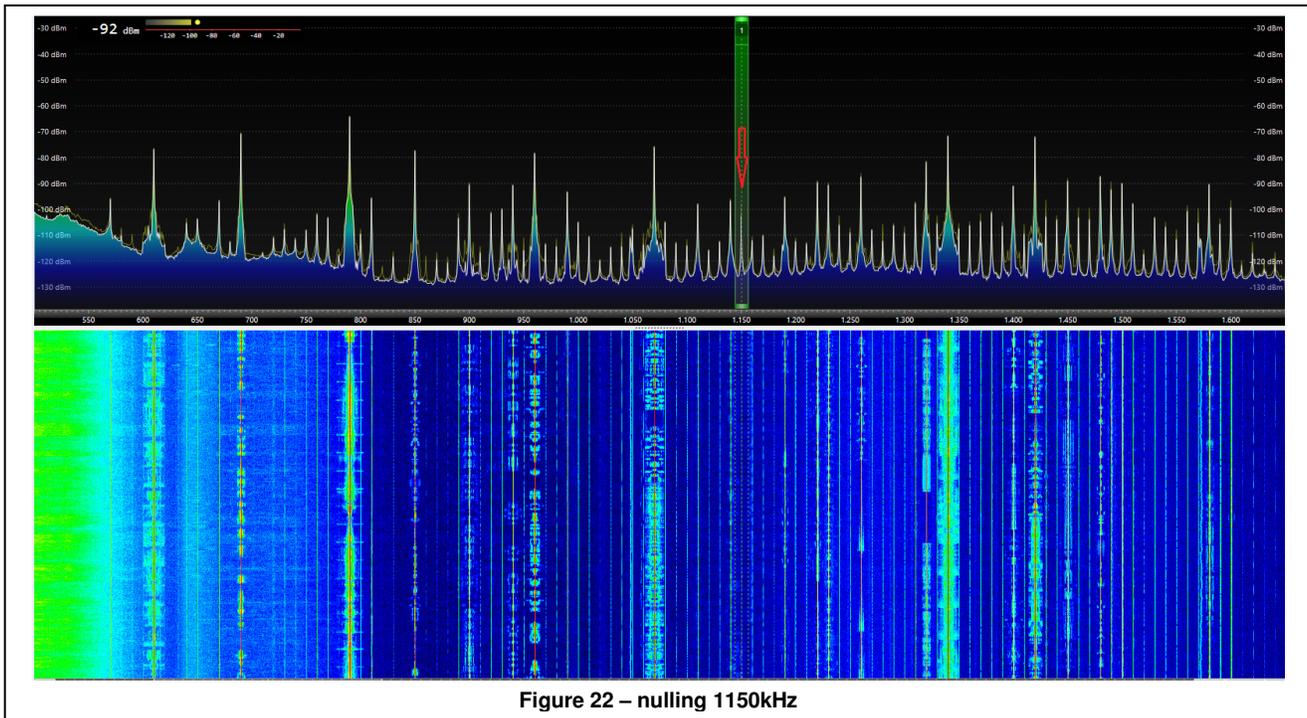


Figure 21 – MW band spectrum after applying phasing. Phaser#2 removed the noise at the low end of the MW band

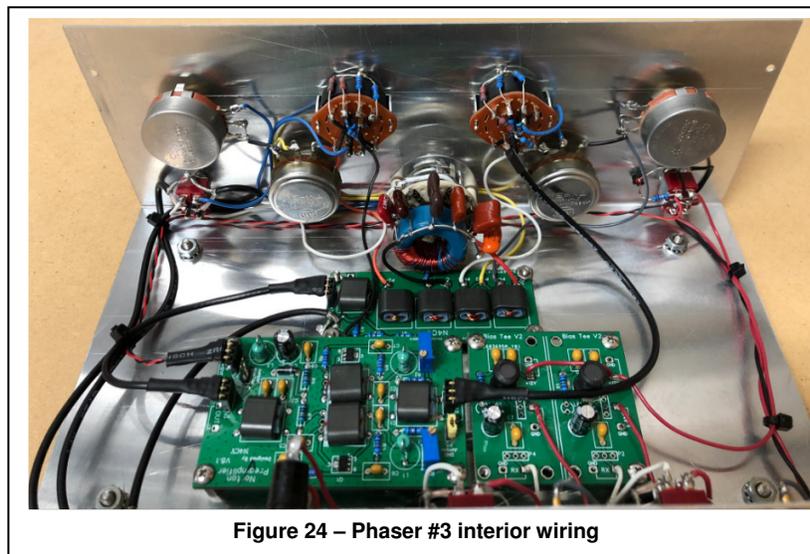
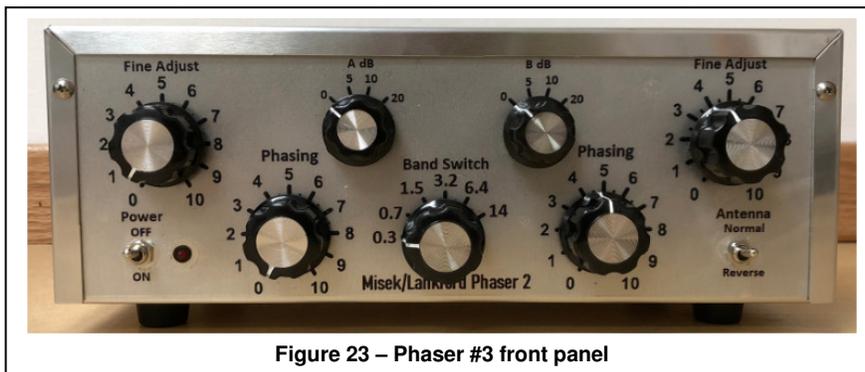
I was able to null out a local MW station at 1150 kHz, with a 60dBm signal drop. Without the attenuator option I would not have been able to null out the station, as there was too much of a signal difference between the two antennas. See **Figure 22**; the station that was nulled is marked with a Red arrow.



Addendum: the Misk/Lankford Phaser #3

I have built two of the Phaser #2 in the past and sold both of them. I have more parts on hand and thought that I would build another one with some improvements.

I had found out that, when using antennas with big differences in signal output, it was difficult, if not impossible, to null some stations. To overcome this issue I added step attenuators to both channels. Each attenuator runs from 0dB, 5dB, 10dB and 20dB. I also have made an improvement in the Norton preamplifier with the addition of a SMD 2SC5551 transistor. Based on a test run by Steve Ratzlaff, AA7U, the noise figure at 10MHz was 1.01dB, which is an improvement on the 1.8dB of the earlier Norton preamplifiers. The front panel and interior wiring changed somewhat as seen in **Figures 23 and 24.**



I recently purchased a DX Engineering NCC-2 (**Figure 25**), so I took the opportunity to compare it to my newly built Misk/Lankford Phaser #3. What I found was that I was able to get a 10dB to 15dB deeper nulls with the Phaser 3 vs. the NCC-2. As it was easier to reach a null and the nulls were more stable with the Phaser 3. I found the NCC-2 very touchy to adjust.

SAN FRANCISCO GIANTS Jon Miller, Duane Kuiper, Mike Krukow, Dave Flemming, Web: sfgiants.com

AM 670 KPUA Hilo, Hawaii, HI 940 KFIG Fresno, CA **FM** 101.5 KEKA-FM Eureka, CA
680 KNBR San Francisco, CA 1400 KKJL San Luis Obispo, CA 92.7 KUNK Mendocino, CA **104.5 KNBR-FM/HD1 San Francisco, CA**
790 KPFT Clovis, CA 1500 KHKI Honolulu, Oahu, HI 96.1 KKXS Shingletown, CA
96.7 K244AH Ukiah, CA (1)

Relay: 1) KUNK 92.7

LOS GIGANTES DE SAN FRANCISCO Erwin Higueros, Tito Fuentes, Web: sfgigantes.com

AM 1060 KFOY Sparks, NV **FM** 103.3 KBAA Grass Valley, CA
1510 KSFN Piedmont, CA 93.7 KXZM Felton, CA 104.1 KJOR Windsor, CA
95.1 KMLY Gonzales, CA

SEATTLE MARINERS Rick Rizzs, Aaron Goldsmith, Web: mariners.com

AM 1020 KWIQ Moses Lake North, WA 1300 KLER Orofino, ID **FM** 92.1 KCRK-FM Colville, WA
550 KTZN Anchorage, AK 1030 KMAS Shelton, WA 1320 KGDC Walla Walla, WA **97.3 KIRO-FM-HD2 Tacoma, WA**
710 KIRO Seattle, WA 1040 CKST Vancouver, BC 1320 KXRO Aberdeen, WA 102.7 K274CY Whitefish, MT (1)
750 KXTG Portland, OR 1170 KPUG Bellingham, WA 1340 KJOX Kennewick, WA 102.9 K275CH Gresham, OR (2)
800 KINY Juneau, AK 1230 KIFW Sitka, AK 1390 KBBO Yakima, WA 104.5 K283BX Wapato, WA (3)
840 KMAX Colfax, WA 1240 KSAM Whitefish, MT 1430 KBRC Mount Vernon, WA
900 KKRT Wenatchee, WA 1240 KEJO Corvallis, OR 1450 KONP Port Angeles, WA
920 KXLY Spokane, WA 1240 KTIK Pendleton, OR 1470 KELA Centralia/Chehalis, WA
930 KTKN Ketchikan, AK 1240 KXLE Ellensburg, WA 1490 KLOG Kelso, WA

Relays: 1) KSAM 1240, 2) KXTG 750, 3) KBBO 1390

TEXAS RANGERS Eric Nadel, Matt Hicks, Web: texasrangers.com

AM 1380 KHEY El Paso, TX **FM** 99.9 K260CR Sapula, OK (8)
670 KHGZ Glenwood, AR 1400 KKTK Texarkana, TX 92.3 K222DC Waco, TX (1) 100.1 K261EZ Comanche, TX (9)
690 KPET Lamesa, TX 1410 KNTX Bowie, TX 92.3 KNNU Antlers, OK 100.5 KBLV Newcastle, TX
710 KGNC Amarillo, TX 1450 KSNY Snyder, TX 92.7 KASR Villonia, AR 100.9 K265DV Temple, TX (1)
900 KPNY Atlanta, TX 1470 KDHN Dimmitt, TX 92.7 KJVC Mansfield, LA 101.1 KEOJ Caney, KS
950 KJTV Lubbock, TX 1470 KWRD Henderson, TX 92.7 KALP Alpine, TX*** 101.3 K267AI Moody, TX (10)
960 KGKL San Angelo, TX 1490 KBST Big Spring, TX 93.9 K230BS Stephenville, TX (2) 101.3 K267CB Sherman, TX (11)
980 KICA Clovis, NM 1490 KNEL Brady, TX 94.3 KSEY-FM Seymour, TX 101.9 K270CO Round Rock, TX (12)
1080 KRLD Dallas, TX* 1490 KPLT Paris, TX 94.5 K233DB San Antonio, TX 103.9 KMHT-FM Marshall, TX
1230 KSEY Seymour, TX 1490 KYZS Tyler, TX 95.5 K238BF Atlanta, TX (3) 103.9 KRIA Plainview, TX
1230 KSSST Sulphur Springs, TX 1500 KJIM Denison, TX 96.3 K242BC Paris, TX (4) 104.1 KCKB Moran, TX
1240 KVLF Alpine, TX** 1510 KSTV Stephenville, TX 97.1 KAMD Bearden, AR 104.3 K282BZ Bowie, TX (13)
1250 KZDC San Antonio, TX 1550 KMAD Madill, OK 97.1 KYAL-FM Muskogee, OK 104.3 KGAS-FM Carthage, TX
1260 KTAE Elgin, TX 1550 KCOM Comanche, TX 97.3 KTTU-FM New Deal, TX **105.3 KRLD-FM/HD1 Dallas, TX**
1290 KUOA Siloam Springs, AR 1560 KEBC Del City, OK 97.5 K248DE Amarillo, TX (5) **105.3 KRLD-FM-HD2 Dallas, TX***
1300 KSYB Shreveport, LA 1560 KZQQ Abilene, TX 97.9 K250BQ Camden, AR (6) 105.5 KNAS Nashville, AR
1330 KTON Cameron, TX 1590 KLRK Mexia, TX 98.9 K255BH Glenwood, AR (7) 106.1 KKBI Broken Bow, OK
1380 KBWD Brownwood, TX 1660 KRZI Waco, TX 99.7 KCHT Childress, TX

Relays: 1) KRZI 1660, 2) KSTV 1510, 3) KPNY 900, 4) KPLT 1490, 5) KGNC 710, 6) KUOA 1290, 7) KHGZ 670, 8) KYAL-FM 97.1, 9) KCOM 1550, 10) KTON 1330, 11) KJIM 1500, 12) KTAE 1260, 13) KNTX 1410. Notes: * denotes station carries games in case of a conflict with another sporting event on KRLD-FM/HD1, ** denotes station carries weekend games only, *** denotes station carries weekday games only

LOS RANGERS DE TEJAS Eleno Ornelas, Jose Guzman, Web: texasrangers.com

AM 1390 KDQN DeQueen, AR **FM** 99.5 KQTC Christoval, TX
1270 KFLC Benbrook, TX 1440 KPUR Amarillo, TX 99.1 KFZO Denton, TX

As I write this column, negotiations between the owners of Major League Baseball teams and the players' union on whether the 2020 season will be played are at an impasse. Regardless of whether or not the season will be played, the network lists from the Eastern Division of both leagues will be presented. It is not known whether the Canadian Football League or Major League Soccer will be playing any games in 2020 due to the COVID-19 pandemic. The next column won't be until the beginning of the 2020-21 National Hockey League season, since the radio network listings of National Football League teams are no longer available to the public. 73 and play hard from NØUIH, the Florissant Valley Dial Twister.



2019-2020 IRCA DX CONTEST – Manager: Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212
Email: NancyJohnson@prodigy.net

June 15 2020 – Final Contest Update

- | | | |
|------------------------|----------------------|---------------------|
| 1. John C Johnson 331 | 4. Dennis Vroom 218 | 7. Peter Laws 103 |
| 2. Larry Van Horne 296 | 5. Tim Noonan 199 | 8. Phil Bytheway 75 |
| 3. Greg Hall 252 | 6. Nancy Johnson 110 | 9. Mike Sanburn 72 |

Thank you to all who entered the 2019-2020 contest. Congratulations to John for winning our DX contest this season. In case you are interested, John heard 48 new stations including one new state (Maryland) while DXing for the contest. The new contest will begin on September 1 2020 with rules in the August SDXM. It will be a contest with a new twist! – Nancy

Full Color IRCA Letterhead

Full color 8.5 x 11 MS Word 2007 file with the current IRCA logo. Send Email to DXM.EIC@gmail.com to get yours today! Great for verification requests.

A DXers Technical Guide, 4th Edition (Spring 2004)

In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.

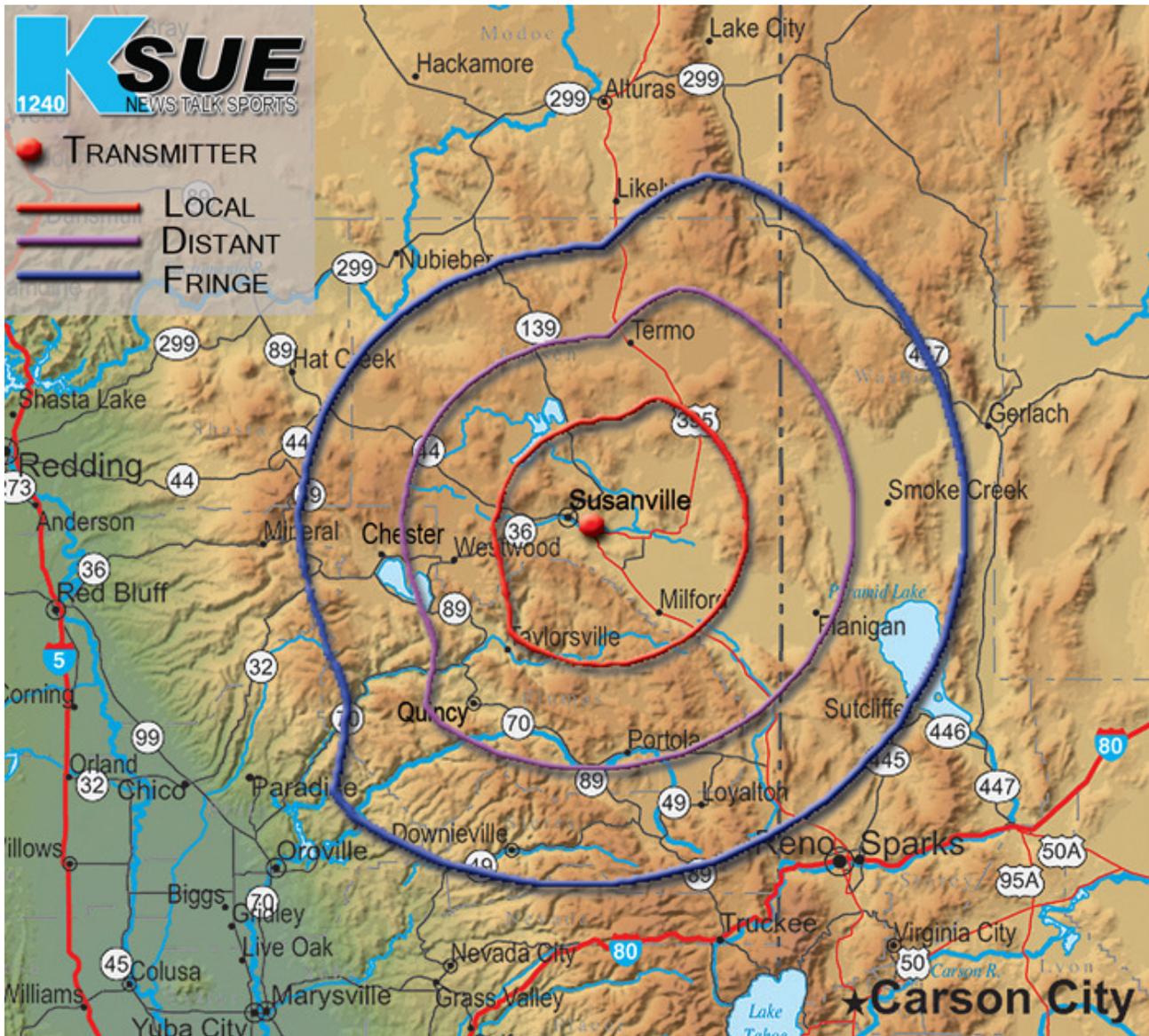
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The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from October through March, twice monthly from April to October.) **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists.



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