

April 28, 2012 – Volume 49, Number 27 – Edition 1569 – ISSN 899-9733

FROM THE EDITOR-IN-CHIEF

While the DX season may be over, the AM broadcast band teems with DX most nights of the year. Make sure to report your DX to the appropriate editors! There's been another change in the area: KWRE 730 Warrenton, MO has cut its broadcast day by three hours; they're now on from 0600 to 2000 ELT (Sunday 0800-2000 ELT). They used to sign off at 2300 ELT. **Are you interested in hosting this year's IRCA Convention? If you're interested, contact Lee Freshwater NOW!** We need to have a site for this year's Convention, and soon, especially with your EIC out of the running.

ELECTION UPDATE

For those who have not already voted for their choice of the 2011-2012 Ted Vasilopolous Award (TVA) and Ric

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Heald Award (RHA), the ballot and details were contained in the 3 March 2012 DX Monitor. Please take a moment to show your appreciation by voting for one of the candidates who have worked hard for IRCA.

The ballot must be RECEIVED by the Election Committee Chairman no later than 0001 hours Eastern Standard Time, July 1, 2012. (contact the ECC, Nick Hall-Patch, 1538 Amphion St., Victoria, BC, Canada V8R 4Z6 (or e-mail: nhp@ieee.org) if you do not have a ballot)

(Those subscribing to both the hard copy and electronic versions of the DX Monitor may vote by using the hard copy ballot OR by e-mail, whichever is the most convenient to you. PLEASE DO NOT DO BOTH. Thank you.)

NRC/WTFDA CONVENTION – BRIDGEPORT, WV

Bill and Brenda Swiger would like to extend an invitation to all club members to come to West Virginia the weekend of August 3rd, 4th and 5th for the NRC Convention. This year the Days Inn and Suites at 112 Tolley Drive, Bridgeport WV will be the host hotel. Rooms can be reserved by calling 304-842-7371 before July 20, 2012. The cost of each room is \$79.94, and this includes the tax. The rooms are double or king and the cost can be split between however many people are in the room. Be sure to tell them that you will be with the National Radio Club to get this rate. The Worldwide TV-FM DX Association will also be joining us. Registration will be \$45.00 for NRC members and \$25.00 for spouses or significant others. This will include the Saturday evening banquet and snacks and drinks for the hospitality room. We are hoping to have some tours scheduled and there is also a festival that weekend with food and music that we can carpool to. The Days Inn is right off the intersection of Interstate 79 and Route 50. There are shopping areas and restaurants within walking distance. The local airport is approximately 3 miles away with shuttle service. More information will follow with bus service, etc. Registration and items for the auction can be mailed to:

Bill Swiger
1 Casey Lane
Bridgeport WV 26330-9454

If you have any questions or ideas please email me at ridgeradio@cebridge.net and I will try to answer them. Hope to see you here in our beautiful "Almost Heaven" state of West Virginia. (From Ernie Wesolowski via Nancy Johnson and Phil Bytheway)

SPRING MIDWEST DX GET-TOGETHER – ROLLA, MO

The 2012 Spring Midwest Get-Together will be held the weekend of May 4-6 at the Budget Deluxe Motel, 1908 North Bishop Avenue in Rolla MO. The motel is located on the south side of I-44 (Historic Route 66) Exit 186 at the U.S. 63 junction, about 100 miles southwest of St Louis. This is the same location we had our first Midwest GTG in 1993. Rolla is a college town of about 20,000 residents; home of KTTR 1490 and 4 FM stations owned by Results Radio. Also, there's 2 FM stations at the Missouri Science and Technology University campus (KMST 88.5 and KMNR 89.7), plenty of eating places within one half mile of motel. A possible tour of KFLW FM 98.9 in St. Robert, MO (near Fort Leonard Wood) about 25 miles down I-44, also a visit to KSMO 1340 and KKID 92.9 in Salem, MO. We are getting the word out early so many will have a chance to plan for it in advance. For those wanting to make a reservation the phone number is (573) 364-4488. Most of the activity will be Saturday May 5th. For more information contact John Tudenham at (417) 624-8058. or E mail: jotud@yahoo.com

CANADIAN RADIO NEWS

Dan Sys – sydan@gmail.com

For March 2012 (April 1 2012 – next update May 1 2012)

AM TO FM CONVERSIONS GRANTED

990 BC Kispiox CBTD Move to 91.3 with 252 watts

NEW REGIONAL CBC NETWORK APPROVED

94.1 BC Kamloops CBYK Regional CBC Radio One network based out of Kamloops utilizing the existing facilities of CBYK 94.1 and end the simulcast with CBTK 88.9 from Kelowna. Stations in the new regional network will include:

| | | |
|------------------------|--------------------------|------------------------|
| 860 CBKM Blue River | 1150 CBXA Mica Dam | 92.9 CBYE Logan Lake |
| 860 CBKZ Clearwater | 1350 CBRZ Bralorne | 93.1 CBTY Lytton |
| 860 CBRL Williams Lake | 1540 CBKS Cache Creek | 93.7 CBYU Alexis Creek |
| 860 CBTG Gold Bridge | 90.7 CBRN North Bend | 95.5 CBUH Chase |
| 860 CBUP Merritt | 91.3 CBTO Revelstoke | 102.7 CBTF Falkland |
| 860 CBWA Ashcroft | 91.3 CBUS 100 Mile House | 104.1 CBYO Barriere |
| 990 CBKN Shalath | 91.9 CBYZ Vavenby | |
| 1070 CBUU Clinton | 92.7 CBUL Lilloet | |

CBUC 96.9 Salmon Arm was slated to be part of the new network, but the CRTC received several interventions (including one from the city of Salmon Arm) stating that Salmon Arm is more economically and geographically tied to the Okanagan than it is to Kamloops. As a result CBUC will remain a CBTK Kelowna rebroadcaster.

DENIALS

1570 QC Laval CJLV Add 40% Multilingual programming (rejected due to possible negative financial impact on existing Ethnic stations in the Montreal area)

I attempt to be as accurate as possible with this information. I visit many websites and message boards on a daily basis seeking the latest in Canadian radio news to report in this column. I trust this information to be worthy; however I can't be in all these places to confirm everything. If inaccurate information is reported I do apologize.

BROADCASTING INFORMATION

Lee J Freshwater – 414 SE 3rd St – Ocala FL 34471
Email: EDXR-at-AMLOGBOOK-dot-COM

CALL CHANGES

| | | |
|----------|----------------|------|
| 640 WWLS | Moore, OK | KWPN |
| 970 WJFN | Brandon, MS | WFQY |
| 1180 new | Walsenburg, CO | KSPK |

FORMAT CHANGES

| FREQ | CALL | CITY | OLD INFO | NEW INFO |
|------|------|---------------|-----------------|-----------------|
| 570 | KLIF | Dallas, TX | Talk | News - Talk |
| 1260 | WUFE | Baxley, GA | Southern Gospel | Oldies |
| 1280 | KPTQ | Spokane, WA | Talk | Country |
| 1340 | KJOX | Kennewick, WA | Talk | Classic Country |

| | | | | |
|------|------|----------------------|------------------|-----------------|
| 1390 | KTCR | Yakima, WA | Sports | Classic Country |
| 1400 | KEBE | Jacksonville, TX | Spanish CHR | Adult Standards |
| | KKTK | Texarkana, TX | Spanish CHR | ???? |
| 1410 | KHCH | Huntsville, TX | Spanish Religion | Reported Silent |
| 1440 | KPUR | Amarillo, TX | Sports | Oldies |
| 1450 | KAVP | Colona, CO | Classic Country | Reported Silent |
| 1490 | KRIB | Mason City, IA | Oldies | Adult Standards |
| 1500 | WTNE | Trenton, NJ | Silent | Southern Gospel |
| 1510 | KSPA | Ontario, CA | Adult Standards | Business News |
| 1530 | KCMN | Colorado Springs, CO | Standards | Oldies // KWRP |
| 1540 | WDCD | Albany, NY | Religion | Reported Silent |
| 1570 | WQTW | Latrobe, PA | Classic Country | Classic Hits |
| | WNKX | Lobelville, TN | Silent | Southern Gospel |

SLOGAN / IMAGE UPDATE

| | | | |
|------|------|----------------------|-------------------------------------|
| 540 | WXYG | Sauk Rapids, MN | "The Goat" |
| 1120 | WHOG | Hobson City, AL | "The Hog 1120" |
| 1280 | KPTQ | Kopane, WA | "1280 Classic Country" |
| 1340 | KJOX | Kennewick, WA | "1340 The Tractor" |
| 1390 | KTCR | Yakima, WA | "1390 The Tractor" |
| 1400 | KEBE | Jacksonville, TX | "QX-FM" |
| 1440 | KPUR | Amarillo, TX | "True Oldies" |
| 1490 | KRIB | Mason City, IA | "America's Best Music KRIB AM 1490" |
| 1510 | KSPA | Ontario, CA | "Financial News and Talk 1510" |
| 1530 | KCMN | Colorado Springs, CO | "I-25 Radio" |
| 1570 | WQTW | Latrobe, PA | "Music Power 104" |

F.C.C. ACTIONS

| | | | |
|------|------|--------------------|---|
| 1200 | KPSF | Cathedral City, CA | Changes Frequency from 1220 and City of License from Desert Hot Springs to Cathedral City |
|------|------|--------------------|---|

LISTINGS COURTESY OF THERADIOJOURNAL.COM, 10000WATTS.COM, [F.C.C. DAILY DIGEST](http://F.C.C.DAILYDIGEST.COM), [AMLOGBOOK dot COM](http://AMLOGBOOK.COM)

FROM: RADIO INFO DOT COM All 6 Cumulus stations in Dallas switched to marketwide simulcast storm coverage At first news/talk WBAP-AM/FM (820/96.7) and talk KLIF (570) went with continuous coverage. Then "shortly after that," operations manager Tyler Cox tells Radio-Info.com, "the remaining stations in the Cumulus cluster - KTCK/1310AM, KSCS/96.3, KPLX/99.5 and KLIF-FM/93.3 - joined with us to create a six-station simulcast reaching countless numbers of listeners with life-saving information." Not only is the coverage continuous, it's commercial-free, "providing on-the-scene information all across North Texas."

FROM: ACCESS ATLANTA: 1010/WGUN-AM has dropped its oldies/standards format in favor of progressive talk, picking up shows by **Warren Ballentine** (10 a.m. to 1 p.m.), **Ed Schultz** (1 p.m. to 3 p.m.), **Randi Rhodes** (3 p.m. to 6 p.m.), **Thom Hartmann** (6 p.m. to 9 p.m.) and Atlanta's own **Mike Malloy** (9 p.m. to midnight). The release provides no information about mornings and I haven't been able to reach Rivers Radio GM **Kevin Hemmings**. "For the first time in a very long while, the listeners of Atlanta now have a diverse choice of viewpoints and opinions," Hemmings said in a press release. This past December, **Ballentine was dropped from 1380/WAOK-AM**, which focuses on talk targeting blacks. 1160-AM/WCFO, which carries **Don Imus** and **Laura Ingraham**, **aired Rhodes for six months**. Syndicated hosts Schultz and Hartmann are both popular in more liberal parts of the country but I don't recall either ever having an Atlanta affiliate before. For folks who don't ever listen to AM radio, WGUN is available for listening online at <http://atlantas1010.com/>. Progressive radio in Atlanta is niche. There's WRFQ-FM at 89.3 and WAOK-AM for black listeners. Air America tried to make a go of it a few years back (including here in Atlanta). **Jon Sinton**, the Atlanta-based radio programmer who syndicates Malloy, believes there is demand for this type of talk radio, even in Atlanta. "I'm thrilled that Kevin and his management are giving it a go," he said. Malloy, who was on 750/WSB-AM in the early 1990s, has been doing his radio show on about 40 affiliates, plus Sirius/XM. Sinton helped operate Air America but the investors failed to get its act together. "My hope here is they can mount an effective marketing campaign and hire a dedicated sales staff," Sinton added. "It's not a matter of getting listeners but getting advertisers," added **Jeff Davis**, who runs rival WCFO-AM. "There are advertisers who advertise with their feelings. They might feel the progressive listeners are too downscale for them." WCFO, he noted, will be adding **Mike Huckabee** on Monday, April 9 from 1 p.m. to 4 p.m. Huckabee's entry into the talk-radio format comes on the heels of a departure of some advertisers from **Rush Limbaugh** after liberal groups went after he insulted a woman who was supporting a Catholic institution's health insurance covering birth control

FROM: YAKIMA DOT COM ESPN Radio no longer available in Yakima Sports talk fans in Yakima will have to find another option, at least for now. Dewey Boynton, operations manager for Ingstad Radio Washington, announced that effective immediately, the station formerly known as KJOX will no longer carry ESPN programming. "(ESPN) said they were going in a different direction," Boynton said Wednesday. "I can't remember their exact words but they said they were canceling our contract and were working on another deal or had another arrangement. "It's pretty frustrating." The change won't affect the station's two significant in-state sports programing deals, with the Seattle Mariners and Washington State University football and men's basketball broadcasts remaining on the station at 1390 on the AM dial. Boynton said that ESPN

informed them in January they were exercising a 90-day opt-out clause in their contract. Rather than wait until April 1, the station's call letters and format changed at midnight Wednesday. The station is now KTCR, the Tractor, and the format is country music's greatest hits, featuring music from the 1960s through the 1990s, Boynton said. ESPN's decision came as a surprise, he said, because the sides had just renewed their partnership last October, with Ingstad agreeing to ESPN's new fee system. "Before it was always on a barter arrangement," Boynton said. "They had never charged a fee before ... and we agreed to pay." The all-sports format had a loyal following and now, those listeners have been dumped into void with the nearest ESPN affiliate in the Tri-Cities and virtually unavailable here, Boynton said, although he doesn't expect ESPN to leave the Yakima market. He believes they may be trying to work out a deal with rival Townsquare Media, which also operates six stations in Yakima, including KATS-FM and KIT-AM, and had an interest in KJOX when it attempted to purchase six stations from then-New Northwest Broadcasters in 2010. But the Federal Communications Commission rejected that plan in 2011, and Ingstad Radio Washington moved in and acquired them later that year. Townsquare Media market manager Cheryl A. Salomone did not return a phone message seeking comment. Ingstad Radio Washington's Yakima stations, in addition to KTCR (1390), are KXDD-FM (104.1), KRSE-FM (105.7), KARY-FM (100.9), KHHK-FM (99.7), and KBBO-AM (980), a news format. Boynton called Wednesday's switchover a bittersweet moment. "The thing is, we've gotten tons of phone calls," he said. "It's gratifying to know a lot of people were listening to the station but this is not what we wanted to do. We're still big sports fans around here."

FROM : RADIO INFO DOT COM Pappas Telecasting liquidates broadcast assets, including KMPH-AM Modesto Pappas Telecasting is liquidating its broadcast holdings, which include TV stations in California, Texas, Arizona and Nebraska—and one radio station: Spanish contemporary Christian KMPH-AM (840) Modesto, Calif. That outlet was launched by Harry J. Pappas when his Spanish sports KTRB-AM (860) moved into San Francisco. KTRB is not part of this liquidating trust—which is being handled by Lee Shubert—but the Modesto AM is. Pappas had until March 26 to make a "discounted payoff" and have the stations "re-vest" with him as the original owner. However, lender Comerica Bank failed to receive payment. Pappas had been the initial trustee, managing it on behalf of the creditors. Pappas' own stock in Pappas Telecasting is now being contributed to the Liquidating Trust run by Shubert, under direction of the Federal bankruptcy court in Delaware.

FROM : RADIO INFO DOT COM KWSN-AM Sioux Falls hopes for a ride on an FM translator that expired years ago. Here's a novel situation, for sure. In June 2009, Christian Heritage Broadcasting informed the FCC that it had lost its transmitter location—on a grain elevator—and could no longer provide a signal to its translator. It asked the FCC to cancel the license. But now it says "the Commission never responded to or acted upon that letter," and K252DG at 98.3 still shows in the records as a licensed facility. Christian Heritage has now "been approached by Backyard Broadcasting, the licensee of KWSN-AM (Sioux Falls Sports Radio 1230), to enter into an arrangement whereby the translator would serve as a fill-in translator." They are asking for a waiver to keep the station licensed, and permission to move it down a notch, to 98.1. The filing says that letting the translator return "will not run counter to the objective of ensuring the Low Power FM licenses are available in all markets." It also promises that the re-location of the antenna and frequency change "is not the first in a series of "hops", which are currently drawing the FCC's attention. The **NorthPine site** recalls that when the translator was last active, it relayed Christian teaching KCGN, Ortonville, Minn., at 101.5

FROM: AMARILLO DOT COM Did Amarillo lose its ESPN Radio affiliate? The rumor floated around for the past couple of months. But that's all it was. A rumor. Dangling in the wind but not hitting the ground. Until Wednesday morning. And there it was. Not sports-talk radio emerging from KPUR (1440-AM). Instead, a dagger to my heart. "The true oldies channel," the promo blurted out harshly. And so it was. One oldie after another. I have nothing against oldies. I love old-time rock 'n' roll. But I also love sports-talk radio. Especially ESPN's sports-talk radio. ESPN Radio blared from my car stereo when I drove back to work about 9 p.m. Tuesday. And Eric Clapton's "Layla" had taken its place when I motored home about 2 a.m. Wednesday. No more NFL updates from John Clayton. Instead we have The Mamas and the Pappas. Buster Olney and who's doing what in Major League Baseball? Sorry. Try "Precious and Few." Mike and Mike in the Morning? Nope. Now you'll get Rod Stewart waking up "Maggie Mae" in the morning. Maybe it's a crude practical joke. An early April Fools' Day prank. But I fear it's not. And if we've lost ESPN Radio, it's an end of an era in Amarillo.

FROM : RADIO INFO DOT COM Talk KLIF-AM Dallas aims for ratings boost with all-news in AM/PM drive Cumulus Media's news/talk KLIF-AM (570) Dallas is adjusting its format to all-news in mornings, anchored by Amy Chodoff from sister WBAP-AM (820) with Dave Williams, formerly of Merlin's WIQI-FM (FM News 101.1 Chicago). That pushes local morning talker Jeff Bolton off the schedule. All-news will also occupy 4-7pm, sending talker Chris Krok into evenings. 10 a.m.-1 p.m. is manned by talker Glenn Beck, 1-4 p.m. is Dave Ramsey. There will also be more frequent news drop-ins, even during midday talk shows. KLIF's three-month trend with 6+ AQH shares in the Arbitron PPMs was 0.4-0.5-0.7. The Cumulus strategy is apparently aimed at CBS Radio's news KRLD-AM (1080), which offers news 5 a.m. to 8 p.m. and talk the rest of the time. KRLD's three-month trend-line is 1.9-2.3-2.5

FROM: RADIO INFO DOT COM Salem buys metro Detroit FM translator to simulcast news/talk WDTK-AM Salem Communications' Pennsylvania Media Associates has purchased an FM translator currently at 97.5 FM in Harrison Township, feeding the Detroit metro. The sale application shows that Salem intends to use the translator to rebroadcast its news/talk WDTK-AM (1400). Salem paid Martz Communications' Radio

Power \$250,000 for W248AQ, which has a construction permit to relocate to FM 92.7 as W224CC. From there, it will serve much of southern Macomb County from an antenna located in Roseville, Mich.—which was recently acquired by Martz from Radio Assist Ministry. Martz had purchased the translator for \$32,000 in November 2011 and closed on the acquisition earlier this month, never having actually used it as part of a short-lived attempt to utilize two other area translators to rebroadcast HD Radio sub-channels of WGPR-FM (107.5). Those two offerings—smooth jazz 104.7 The Oasis and modern rock 94.3 The Bone—folded earlier this year and the two associated translators have remained silent

FROM: RADIO INFO DOT COM Jacksonville switcheroo: sports WJXL-AM simulcasts on previous gospel WFJO-FM This starts with a just-filed sale: River City Broadcasting is acquiring gospel WFJO-FM (Joy 92.5) Jacksonville Beach for \$1.95 million. Through an LMA, it just flipped the Class A signal to a simulcast of "1010 XL Jax Sports" WJXL-AM (1010). The station's website **here** is already promoting the AM/FM simulcast. River City's Anthony Marinatos and Ken Purcell are in the ownership group that also controls WJXL, as Seven Bridges Radio. The purchase of WFJO is from Scott Savage, the Dallas-based court-appointed receiver of the former Tama Broadcasting. Meanwhile, the former gospel programming of WFJO will return to Jacksonville on Covenant Broadcasting's WJNJ-AM (Pure Radio 1320) and via FM translator at 103.7.

FROM: PULSE JOURNAL DOT COM A former **Cumulus employee in Ohio was indicted for stealing** from his company at site rented from Clear Channel. A Middletown man has been indicted in both Warren and Hamilton counties for allegedly stealing more than \$137,000 worth of copper and communications equipment from his former employer, Cumulus Radio. Benjamin L. Ary, 35, of the 2000 block of Superior Avenue, was indicted on one count of grand theft, a fourth-degree felony, in Warren County on March 23. Mason police arrested Ary on Feb. 24 and he has been in the Warren County Jail since. From December 2011 to January 2012, Prosecutor David Fornshell said Ary stole more than \$7,500 worth of copper piping from the WLW site on Fieldsege Drive in Mason. Cumulus rents space from Clear Channel in that area and Fornshell said Ary was allowed to use the rest rooms there. He allegedly took equipment and other items while he was there.

"He would bring it back to the Cumulus building that was being rented from Clear Channel and he would rip off the copper," Fornshell said. "Or he would just simply bring it home and I believe sell it on eBay." Tina Klemann, spokeswoman for Cumulus, said the company is declining to comment on the incident due to pending litigation. Ary's case was bound over to the grand jury from Mason Municipal Court March 1. A bond of \$10,000 set in the lower court was continued in common pleas court. A Hamilton County grand jury indicted him for theft on Feb. 13 on a felony theft charge. Ary allegedly stole communication and electronics equipment worth more than \$129,000 during the period of May 2011 to January 2012, according to a complaint filed by a Norwood police detective on Feb. 2 in Hamilton County.

FROM : TBO DOT COM \$30,000 in copper items taken from Manatee radio towers A total of \$30,000 worth of copper grounding straps were taken from a West Palmetto radio tower site today, the Manatee County Sheriff's Office said. According to a report, sometime between 2 a.m. and 4:50 p.m., unknown persons or person cut through two chain-link fences to enter the Clear Channel site at 900 33rd St. The robbers took the copper items and fled in an unknown direction. There are no suspects, video or witnesses, the office said. Also, there were no footprints or tire tracks, possibly due to heavy rain in the area.

Thanks to Dale Park and Bob Wien this week

4/7/12 0930 73's. fresh

WESTERN DX ROUNDUP

Nancy Johnson – 265 Waterton Way – Billings MT 59102-7755
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: May 4, May 18, June 1, June 22, July 6, July 20. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

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S-77A, HQ-120X, HQ-200, SP-600, RF-2200, indoor loop, outdoor Slinky, + indicates GMC pickup truck radio
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560 KPQ WA, Wenatchee 4/17 0917 news, KPQ ID at 0920. (AB-ID)

- 600 KOGO CA, San Diego 2/29 0105 heard "Six hundred CoGo" ID into talk show. Very weak with one unID far under, on R-390A with SW wire. (GH-OR)
- 630 KFXD ID, Bise 4/16 1600 "Sports Radio 6-30, The Fan." (AB-ID)
- 690 KRCO OR, Prineville 4/17 0920 C&W music, KRCO ID at 0932, poor under CBU. (AB-ID)
- 820 WBAP TX, Fort Worth 2/25 2325 talk call-in show with ID. Heard only for a moment then lost to KGNW, using Drake with Kiwa. New! (GH-OR)
- 840 KXNT NV, Las Vegas 4/13 0904 ID, CBS news, well after local sunrise, but weak & fading. Was at top of S-meter an hour earlier. (RB-AZ)
- 880 KHAC NM, Tse Bonito 4/13 0915 country Gospel music to M in Navajo language with talk on "Isiah." Disclaimer announcement from "Western Indian Ministry" at BoH. Was very good. Tse Bonito is a small settlement near the Navajo capital Window Rock. (RB-AZ)
- CHQT AB, Edmonton 2/25 2345 many "I News 880" ID's and news. Big & strong with only a faint unID far under on Hammarlund with E/W wire. (GH-OR)
- 900 KKRT WA, Wenatchee 3/8 0100 sports talk with mention of Lakeview(?), really weak & out there on Drake with Kiwa. (GH-OR)
- 910 KRAK CA, Hesperia 4/20 0045 ID "Crack Sports 9-10 AM" and mentions of ESPN, then Angels baseball game. Slight interference from KECR. 0100 ToH ID and back to the game. (MF-CA)
- 930 KRKY CO, Grandby 3/25 0105 station ID into C&W music. Very strong signal, on day power? (MR-UT)
- KSEI ID, Pocatello 3/9 2330 in strong local-like with oldies and many "The Cruise" IDs, on Drake with Kiwa loop. (GH-OR)
- 1060 KDYL UT, South Salt Lake City 3/13-3/23 station used day power all night. (MR-UT)
- 1130 KQRR OR, Mount Angel 4/17 2250-2310 gent with talk in Russian, no ToH ID, good over CKWX. Ex-KPWX. (AB-ID)
- 1140 KGEM ID, Boise 4/16 1950 EWTN programming, KGEM ID a few seconds before 2000. (AB-ID)
- 1150 KDEF NM, Albuquerque 4/16 2200 KDEF ID and news, poor under KSEN. (AB-ID)
- 1220 WHKW OH, Cleveland 4/12 fair to poor topping the jumble with many mentions of "The Word," at 0458 "... this is Saturday right here on 12-20 The Word." 0459:45 an ID that was pretty buried, but I did catch a dual call in the jumble WHKW... WHKW. At 0558 a spot for Gold Investment, followed by a program promo and "The Word" mentioned again. Not needed, but it is nice to hear. (PM-OR)
- 1310 KFKA CO, Greeley 3/25 2305 what sounded like local spots, sinking then into the jumble, but "on KFKA" made it thru loud & clear for a second, on loop null of local KIHP, Mesa. (RB-AZ)
- 1320 KAWC AZ, Yuma 4/9 1000 interview program to ID by M and into NPR news. Unusually strong this AM, covering "the usual" here, sports-talker KFNZ UT. 200 miles with 730 watts! (RB-AZ)
- 1340 KBBR OR, North Bend 4/19 0700 KBBR ID and CNN? News. (AB-ID)
- 1380 KTKZ CA, Sacramento 3/20 0105 ID and ad for granite transformation, fair & tangled up with KRKO on Drake with Kiwa. (GH-OR)
- 1430 KYKN OR, Keiser 3/10 2230 talk snow with ID in a noisy mix with KLO and possibly KBRC, on Drake with Kiwa loop. Surprisingly not often heard. (GH-OR)
- 1440 KRZD CO, Wray 4/6 2200 oldies hits and ID at ToH. Had other details, can't make out scribble... 1st log for me, but caught while on State Route 101 commute. Good, on channel open after "rundown at Sundown" close of local KAZG. (RB-AZ+)
- 1470 KWSL IA, Sioux City 4/19 0330 KWSL ID, C&W music followed but I think it was from another station. (AB-ID)
- 1480 KYOS CA, Merced 4/19 0300 KYOS ID and news, poor with 1490 KCID slop. (AB-ID)
- 1550 KKOY WA, Vancouver 4/5 2240 Hugh Hewitt show, a couple local ads, "AM 15-50 and 1550talk.com" slogan and back to Hugh. Quickly gone at 2254, probably changed to night pattern/power. (MF-CA)
- 1600 KEPN CO, Lakewood 3/27 0216 some talk rising up out of the rumble, male announcer "on 1600 Sports Radio, The Zone." Fair, first log here. Came thru while sitting on 1600 with my SP-600 and backyard Slinky. (RB-AZ)
- KRKE NM, Albuquerque 3/24 1000 "KOOL 107.5 and AM 1600, KRKE, Albuquerque." Very good, heard on null of Cottonwood, AZ station with identical format. (RB-AZ)
- 1660 KXOL UT, Brigham City since 3/13 to ?? used day power all night. (MR-UT)
- 1680 KGED CA, Fresno 3/17 0945 "Love your neighbor as you love yourself" discussion from male & female co-hosts. Very strong and solid but got really fadey just before the hour. "Fresno" is what mostly made it through the ID. (RB-AZ)

The May, June, and July WDXR deadlines are listed at the beginning of the column. Nancy 4/20 2100

CENTRAL DX ROUNDUP

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RIDING GAIN

- [EB-MO] Eric Bueneman, Hazelwood, MO N0UIHEric@aol.com
GE Superadio III, Yaesu FRG-7, Worcester Space Magnet II.
- [POB-IN] Pat O'Brien, Pekin, IN obie47165@yahoo.com
Eton S350DL, Grundig indoor loop.
- [RW-CO] Robert Wien, Colorado Springs, CO wienbob@aol.com
C Crane 2, Select-A-Tenna. Ford Fusion car receiver.

DOWN THE DIAL

- 580 WCHS WV, Charleston. 4-9 poor. 03:35 with spots, talk format. [POB-IN]
- 600 WVAR WV, Richwood. 4-9 fair. 00:27 with spot cluster, Casey Kasem countdown oldies program. [POB-IN]
- 680 WKAZ WV, Charleston. 4-14 good. 00:02 with spot cluster, "WKAZ Charleston" ID mentioned in promo, oldies format. [POB-IN]
- 730 KWRE MO, Warrenton. As of 4-1 station has changed operation hours from 06:00-23:00 to 06:00-20:00. [EB-MO]
- WFMW KY, Madisonville. 4-12 fair to poor with light ACI from WGN 720. KWRE now off at this time. 20:49 noticed with "WFMW" ID and country format. [EB-MO]
- WJYM Bowling Green. 4-18 good to poor over WLIL with ACI from CFZM 740. 20:57 with Christian teaching, music, worship service promo mentioned Baton Rouge, LA. "Son Life Radio" mentioned. 730 #10 from here. [EB-MO]
- WLIL TN, Lenoir City. 4-18 good over WFMW. 20:44 with Classic Country format. "You're listening to WLIL radio" ID. [EB-MO]
- 780 KCEG CO, Fountain. 4-13 noted on the air. 17:30-19:20 with what may have been testing, but could have been regular schedule. Many IDs, mention of a church in Lakewood, Bluegrass music. [RW-CO]
- KSPI OK, Stillwater. 4-8 fair to poor in tight WBBM null. 20:38 noted with sports talk, local spots. [EB-MO]
- 960 WABG MS, Greenwood. 3-29 fair through KMA. 20:54 noted with "...this radio station WABG 9-60 AM" ID and Blues music. [EB-MO]
- WDLM IL, East Moline. 4-8 good to fair in KZIM null. 19:29 noted with Christian features, instrumental music and talk about Easter. [EB-MO]
- 1030 WQSE TN, White Bluff. 4-16 good over WBZ, KCWJ. 21:01 with "The Christian voice of middle Tennessee, WQSE White Bluff" ID into Southern Gospel format. [EB-MO]
- 1060 WKMQ MS, Tupelo. 4-16 good to poor in KYW null. 21:04 with ABC news, national spots into Ed Schultz program. ID confirmed via web site. [EB-MO]
- 1140 KCXL MO, Liberty. 4-18 fair to poor through KSOO, WRVA. 20:18 with local spots. [EB-MO]
- 1150 WGOW TN, Chattanooga. 4-18 fair mixing with CKOC. 20:32 with local spots, ABC News, "News Radio 11-50 KGOW" ID in promos. [EB-MO]
- 1170 KJXX MO, Jackson. 3-29 good to poor over KFAQ. 20:32 with Adult Standards format, "Your home for great music, 11-70 AM and 92.3 FM KJXX" ID. [EB-MO]
- 1180 KXIQ AR, Turrell. 4-16 good over Cuba until 20:45 power cut. 20:42 station promo "Classic Country 11-80 KXIQ" ID, Classic Country format. [EB-MO]
- 1200 WMIR SC, Atlantic Beach. 3-28 fair to poor over WRTO, WOAI was notably absent. 20:24 with Urban Gospel format, "WMIR" ID. [EB-MO]
- 1210 KOKK SD, Huron. 4-8 fair to poor signal through WPHT. 21:01 local spots, "Dakota Country KOKK" ID, country music format. [EB-MO]
- 1270 WRJM IL, Charleston. 3-28 fair to poor in WKBF null. 20:28 with talk program, "News, talk 12-70 WRJM" ID, mention of FM relay, into local news. [EB-MO]
- 1330 WKTA IL, Evanston. 4-8 good to poor mixing with WRAM. 20:50 Tejano music program, "WKTA" ID in Spanish. [EB-MO]
- 1360 WNAH TN, Nashville. 4-12 fair to poor through WSAI. 20:09 with local spots, promo for a church event. [EB-MO]
- 1370 WEGI KY, Fort Campbell. 4-12 fair to poor mixing with KCRV. 20:34 with "Eagle 94.3" slogan. Classic rock format. [EB-MO]
- 1390 KCLN IA, Clinton. 3-28 fair over WTJS. 20:43 with Oldies format, "13-90 KCLN" ID. [EB-MO]
- 1410 WHLN KY, Harlan. 3-29 fair to poor mixing with WING, WIQR. 20:24 with Adult Contemporary format. "14-10 WHLN" ID. [EB-MO]
- 1420 WKCW VA, Warrenton. 4-2 fair. 03:38 with religious programming. [POB-IN]
- 1480 WDJO OH, Cincinnati. 4-6 loud. 00:14 with oldies, "WDJO oldies all day long" [POB-IN]
- 1510 WQQW IL, Highland. 4-8 noted back on the air after being silent since 2010. New owners. Good signal here over WLAC. 19:05 with weather, "Madison County's hometown

radio station, AM 15-10 WQQW" ID, Classic Country format. Mention of "Real Country" [EB-MO]

- 1540 CHIN ON, Toronto. 4-6 poor. 00:38 with Chinese Homeland News. [POB-IN]
- WWGK OH, Cleveland. 4-6 fair. 00:19 with sports talk, Cleveland Indians review. [POB-IN]
- 1560 WPAD KY, Paducah. 3-29 fair to poor mixing with KGOW. 20:10 with "ESPN 15-60 AM, 99 point 5 FM, WPAD" ID into college basketball PBP. [EB-MO]

25 YEARS AGO

April 11, 1987 issue of IRCA's "DX Monitor" ... Doug Pifer of Oceanside, CA mentioned KWOW 1600 changed calls to KMNY however still IDed as "16 K-WOW" except for legal IDs ... Ernest Cooper of Provincetown, MA commented about DXing in the 1930s ... Gary A. Heisey of Osterburg, PA told about his neighbors. Every time they had a problem with their TV they blame his antenna wire.

OPEN MIKE

The season is coming to an end. This column was typed 4-21-12. 73, John

EASTERN DX ROUNDUP

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Deadlines: Saturdays 8 AM!!

- | | | STARS OF THE WEEK |
|------------|----------------|--|
| (KK-VA) | Kraig Krist | Manassas, VA. Winradio G33DDC SDR rx with homemade 134 foot multiband antenna running NW to SE. |
| (IEN – GA) | Ira Elbert New | Watkinsville, GA |

LOGGINGS

- 560 FL WQAM Miami 3/10 0255-0655 Mixing with WFRB, R. Rebelde, talk and religious singing. "Pro Football Weekly". 0300 "... Miami Fort Lauderdale (KK-VA)
- 570 FL WTBN Pinellas Park 3/10 0255-0655 EST. Mixing with WSPZ, other talk and Cuba. 0500 "... Tampa Bay's Christian talk 5-70 WTBN Pinellas Park.". (KK-VA)
- 580 FL WDBO Orlando 3/10 0255-0655 Mixing with WHP, WGAC, c&w and Cuba. 0435 "WDBO weather radio shows... it's 67 and 69 at FM 96 point 5. News talk WDBO central Florida's news, weather & traffic... you can depend on it." (KK-VA)
- 610 VA WXVA Winchester 3/10 0255-0655 Mixing with mostly several Cuban stations and English talk. WXVA with combination of c&w and oldies. 0619 "The songs you love WXVA". 0623 promo for WXVA coupon corner. (KK-VA)
- 620 FL WDAE St. Petersburg 3/10 0255-0655 Mixing with WRJZ and Cuba. 0334 "... from 9 till noon on 6-20 WDAE 'The Sports Channel'.". (KK-VA)
- TN WRJZ Knoxville 3/10 0255-0655 Mixing with WDAE and Cuba. 0327 ET OM "I'm chief meteorologist... for joy 6-20 WRJZ". (KK-VA)
- 640 GA WGST Atlanta 3/10 0255-0655 Mixing with WXSM, religious talk and Cuba. 0300 "News talk AM 640 & 92.3 FM WGST. The talk of Atlanta" into Fox news. (KK-VA)
- TN WXSM Blountsville 3/10 0255-0655 EST. Mixing with WGST, religious talk and Cuba. 0530 "I'm Lenny Barto. You are listening to 6-40 WXSM. Home of the ECSU basketball." (KK-VA)
- 680 GA WCNN North Atlanta 3/10 0255-0655 Mixing with WPTF and WCTT. 0303 "ESPN 'The Fan' now on FM 93 point 7.". (KK-VA)
- KY WCTT Corbin 3/10 0255-0655 Mixing with WPTF and WCNN. WCTT with oldies. 0556 "Providing you with the best of the big band sound. The great 68 WCTT" (KK-VA)
- 710 FL WAQI Miami 3/10 0255-0655 Mixing with talk and R. Progreso. WAQI with Spanish Radio Marti. 0358 Spanish/English "WAQI Miami Fort Lauderdale (KK-VA)
- 740 OK KRMG Tulsa 3/10 0255-0655 Mixing with CRZM, WRNR, singing, religious and Cuba. 0305 "Learn about the latest... Oklahoma's finest science and technology on "Oklahoma Innovation". "Sunday morning at 8 on news talk KRMG". KRMG with liberal talk from New York. 0600 Fox news. (KK-VA)
- 780 IL WBBM Chicago 3/10 0255-0655 Mixing with WIIN, WAVA, Spanish singing, other Spanish and other singing. 0305 "WBBM news time 2 oh 5. Good morning. It is Saturday March the 10th. I'm David Roe and WBBM on AM is about to leave the air for maintenance so we invite you to switch now to news radio on 1 oh 5 point 9 FM where we'll continue to deliver all the news until 7-80 AM returns to the air later this morning. That's 1 oh 5 point 9 FM for all the latest and of course you can always use our live stream and listen on your computer or hand-held device on CBS Chicago dot com. For now we're signing off news radio 7-80 WBBM Chicago (KK-VA)
- MS WIIN Ridgeland 3/10 0255-0655 Mixing with WBBM, WAVA, Spanish singing, other Spanish and other singing. 0617 "US 96 point 3 America's music. Great country

music. US 96 point 3 country.". (KK-VA)

800 NC WKBC North Wilkesboro 3/10 0255-0655 EST. Mixing with CKLW, WSVS, oldies and Spanish. 0959 "Your hometown radio station... WKBC..." into news. (KK-VA)

VA WSVS Crewe 3/10 0255-0655 Mixing with CKLW, WKBC, oldies and Spanish. 0322 "The place where country legends live. We're playing music that just won't go away... classic country 800 AM WSVS Crewe.". (KK-VA)

840 VA WKTR Earlysville 3/10 0255-0655 Mixing with WHAS and Spanish. 0631 WKTR sign on. "Good morning. AM 8-40 WKTR Earlysville Charlottesville now begins its broadcast day. WKTR is licensed to operate on five [sic] amplitude modulated frequency of 8-40 kiloHertz at an effective radiated power of 8,200 watts from local sunrise to local sunset as authorized by the Federal Communications Commission in Washington DC. WKTR AM now joins WBNN FM for today's program. Thanks for listening to big country 105.3 FM and AM 8-40 (KK-VA)

850 FL WFTL West Palm Beach 3/10 0255-0655 Mixing with WKGE, WTAR, Yahoo sports, oldies, Cuba and R. Reloj. 0300 "This is one of America's two great radio stations. 8-50 WFTL West Palm Beach Bock Fort Lauderdale Miami. Big talk 8-50 WFTL.". (KK-VA)

890 VA WKNV Fairlawn 3/10 0255-0655 Mixing with WLS, Spanish and singing. 0633 "Joy AM 8-90 WKNV Fairlawn. Today's southern Gospel... station now begins its broadcast day.." (KK-VA)

940 IL WMIX Mount Vernon 3/10 0255-0655 Mixing with WMAC, Fox Sport and Spanish. 0431 "America's best music. AM 9-40 WMIX.". 0533 "Day time. Night time. The hits keep coming on AM 9-40 WMIX.". (KK-VA)

970 SC WJMX Florence 3/10 0255-0655 Mixing with WBGG, WKCI, Gospel singing and other singing. 0500 "News talk 9-70 WJMX AM Florence and 97 point 9 FM W250BJ Florence. And now here's your news". "Coast to Coast AM". 0531 ET OM with Florence area discount coupons. (KK-VA)

VA WKCI Waynesboro 3/10 0255-0655 Mixing w/WBGG, WMIX, Gospel singing & other singing. 0300 "...here... new talk 9-70 WKCI Waynesboro" into Fox news. (KK-VA)

980 FL WRNE Gulf Breeze - 03/23 2000 - Contemporary R & B, and TOH ID. Good & clean I that faded a bit after the ID. "This is WRNE, Gulf Breeze, Pensacola." (IEN - GA)

VA WJYK Chase City 3/10 0255-0655 Mixing with WTEM, WAAV and singing. 0334 "You're listening to Joy AM 980 WJYK Chase City Southville South Boston". (KK-VA)

990 NC WEEB Southern Pines 3/10 0255-0655 Mixing with KWAM, singing, oldies and Spanish singing. "Coast to Coast AM". 0434 "Talk radio 9-90 WEEB. We got you by the ears.". (KK-VA)

TN KWAM Memphis 3/10 0255-0655 Mixing with WEEB, singing, oldies and Spanish singing. "Phil Hendrie Show". 0300 "Serving Tennessee Mississippi and Arkansas. The latest news stories are here. This is the 'Voice of Memphis' 9-90 KWAM Memphis." into CBS news. (KK-VA)

1030 VA WGFC Floyd 3/10 0255-0655 Mixing with WBZ, music and Spanish. 0602 "Good morning. At this time WGFC radio in Floyd Virginia begins its broadcast day. WGFC is owned... Christian.. the best in Gospel...". (KK-VA)

1200 NC WSML Graham 3/10 0255-0655 Mixing with WOAI, religious singing, oldies and other singing. WSML with ESPN radio. 0630 "Where ever you are triad sports coverage is there. The Triad Sports Network on AM 12 hundred, 12-30 and 13-20.". (KK-VA)

1270 TN WLIK Newport 3/10 0255-0655 Mixing with Spanish, other oldies, singing and other singing. WLIK w/oldies. 0304 "Rockin the Smokies with those favorite oldies you'll want to hear again & again on Smokies oldies WLIK.". WLIK jingle (KK-VA)

1390 VA WKPA Lynchburg 3/10 0255-0655 Mixing with WFBL, singing, Fox Sports, ESPN and other talk. 0558 "... write in Brother Paul.. be sure to mention WKBA...". WKPA is // WKBA on 1550 kHz" (KK-VA)

1400 MI WCCY Houghton 3/10 0255-0655 Mixing with WVRC, WBBD, WKPT, WINC, WHGB and other singing. 0316 "14 hundred AM WCCY all the classic hits... WCCY.". (KK-VA)

PA WHGB Harrisburg 3/10 0255-0655 Mixing with WVRC, WCCY, WKPT, WINC, WBBD and other singing. Typical ESPN radio programming. 0430 "95 3 and 14 hundred your leader for sports.". (KK-VA)

WV WVRC Spencer 3/10 0255-0655 Mixing with WCCY, WBBD, WKPT, WINC, WHGB and other singing. WVRC with bluegrass songs. 0605 "14 hundred...this is Tim Bach WVRC radio forecast (KK-VA)

WV WBBD Wheeling 3/10 0255-0655 Mixing with WVRC, WCCY, WKPT, WINC, WHGB and other singing. 0320 "...with the hits WBBD.". (KK-VA)

1450 OH WMOH Hamilton 3/10 0255-0655 Mixing with WWXL, WJPA, WLAF, WVAX, c&w and Yahoo sports. 0403 "...14-50 'The Ticket' online. Log onto WMOH dot com... Twitter and Facebook. Become a fan. WMOH 14-50 'The Ticket' (KK-VA)

PA WJPA Washington 3/10 0255-0655 Mixing with WWXL, WMOH, WLAF, WVAX, c&w and Yahoo sports. 0320 "March madness on WJPA AM 14-50.". WJPA with oldies. (KK-VA)

TN WLAF La Follette 3/10 0255-0655 Mixing with WWXL, WJPA, WMOH, WVAX, c&w and

1470 PA WFAR Yahoo sports. 0609 "We're glad you could be along this Saturday morning... Jordanaires... on 14-50 WLAF... Saturday morning... show (KK-VA)

Farrell 3/10 0255-0655 Mixing with WJDY, talk, Spanish singing and Gospel singing. WFAR with oldies. 0256 "Breaking the... 9-40 WGRP" into Elvis song. 0301 Bell chimes. "Now another hour of the songs you grew up with. 9-40 WGRP and 14-70 FAR[sic]". I call WGRP 814 337-8440 and get confirmation. Currently IDing as "FAR" on 1470. Requesting "WFAR" from FCC (KK-VA)

(Nice to see the WFAR calls return to Farrell. I was raised just down the road from their original location. Last time I was there, the station had moved and the site replace by a cemetery- ed)

1490 OH WERE Cleveland Heights 3/10 0255-0655 Mixing with WCVA, ESPN, singing, other singing and Fox sports. 0353 "... first caller... AM 14-90 WERE...online too.". 0429 "News talk 14-90 WERE.". (KK-VA)

UN-IDEN

1600 ?? ???? UnID 3/10 0255-0655 Mixing with WWRL, WPDC, WAAM, Fox sports, singing, oldies, religious singing, c&w and Cuba. 0429 "We're the hometown radio station for London Bloom Heights Barbourville and Union College. We're Barbourville's hometown radio station WYWY AM 9-50 and FM 93 point 3.". (This is WRSL CORBIN they // 950 WYWY :Gospel 950 AM" - ed) (KK-VA)

Thats a wrap for this week.... Best to all... fresh 4/21 0800

DX WORLDWIDE – WEST / TROPICAL BAND DX

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all times UTC

TRANS PACIFIC DX ROUNDUP

- 153 **RUSSIA**, R Rossii, Komosomolsk. 1255-1300 3/31. Good signal with talk and classical music. 6 pips at 1400 and R Rossii ID. (DV-WA)
- + Poor with YL Russian talk 1317 4/2. (GD-WA)
 - + 1308 4/5. Fair signal with man in RR. (DV-WA)
 - + 1306 4/6. Fair signal with mentions of R Rossii. (DV-WA)
 - + 1225-1230 4/8. Excellent signal with American rap music and other modern music. Static crashes in background. (DV-WA)
 - + 1251-1254 4/9. Weak signal with music. (DV-WA)
 - + 1115-1125 4/10. Good signal with man in RR followed by music. (DV-WA)
 - + 1235-1240 4/11. Good signal with talk and pop music. (DV-WA)
 - + 1245-1253 4/12. Excellent signal with RR talk and music. (DV-WA)
 - + 1253-1256 4/14. Good signal with woman program host and music. (DV-WA)
 - + 1214-1218 4/15. Good signal with music. (DV-WA)
- 180 **RUSSIA**, R Rossii. 1250-1259 4/6. Fair signal with talk and music. (DV-WA)
- + 1234-1235 4/8. Good signal with woman singing pop music. (DV-WA)
 - + 1255 4/9. Fair signal with music. (DV-WA)
 - + 1126 4/10. Poor – weak signal with man in RR. (DV-WA)
 - + 1242 4/11. Weak signal with man in RR. (DV-WA)
 - + 1254 4/12. Fair signal with man in RR followed by lady singing. (DV-WA)
 - + 1258 4/14. Good signal with R Rossii ID. (DV-WA)
 - + 1219 4/15. Good signal with music. (DV-WA)
- 189 **RUSSIA**, R Rossii. 1235-1237 4/8. Fair signal with man in RR after above song. (DV-WA)
- + 1243 4/11. Good signal with talk and Monkey's song "Day Dream Believer." (DV-WA)
 - + 1255 4/12. Good signal with above song. (DV-WA)
- 209 **ALASKA**, Juneau 1225 4/10. Fair signal with weather. (DV-WA)
- + 1245 4/11. Juneau weather with fair signal and a lot of Zulu's. (DV-WA)
- 209 **ALASKA**, Yakataga, CYT. 1557-1559 4/12. Beacon fair at times with weather broadcast. (DV-WA)
- + 1220-1224 4/15. CYT beacon poor with weather forecast. (DV-WA)
- 234 **RUSSIA**, R Rossii. 1251 4/11. Fair signal with music. This station not heard in a long time here. (DV-WA)
- 279 **RUSSIA**, R. Rossii, Yuzhno-Sakhalinsk. Fair with Chubby Checker's "Let's Twist Again" 1315 4/2. (GD-WA)
- + 1301-1304 4/5. Weak signal with man in RR. (DV-WA)
 - + 1307 4/6. Good signal with man in RR. (DV-WA)
 - + 1238 4/8. Weak signal with woman singing. (DV-WA)
 - + 1257 4/9. Weak signal with music. (DV-WA)
 - + 1128 4/10. Weak signal with man in RR. Good 1221 with music. (DV-WA)

- + 1253 4/11. Fair with rock music followed by man in RR. (DV-WA)
 - + 1300 4/12. Good signal with R Rossii ID. (DV-WA)
 - + 1225 4/15. Fair signal with music and woman in RR. (DV-WA)
 - 531 **UnID.** 1314 4/6. Near audio carrier here, but nearby HARS on 530 hurts changes of reception. Japan? (DV-WA)
 - 558 **JAPAN,** Kobe, JOCR. 1249 4/8. Amusing the station with woman in JJ and a lot of splatter. Weak signal. (DV-WA)
 - 567 **JAPAN,** Sapporo, JOIK. 1340 3/31. Fair signal with music and woman in JJ. Moderate splatter. (DV-WA)
 - + 1333-1334 4/6. Weak to fair signal with woman in JJ. (DV-WA)
 - 576 **UnID.** 1340-1343 4/5. Fair signal at times. Gospel song by woman then signal faded out at end of song. Not // to the NHK1 network. First time anything heard on this channel. Back again at 1347 with woman singing non gospel tune. 1348 Jazz tune. 1451 man speaking in ? Signal then faded out. Signal best on SW ewe, but heard on other 3 antennas. (DV-WA) (Dennis, sounds like Bible Radio-New Zealand – PM)
 - 594 **JAPAN,** Tokyo, JOAK, NHK1. 1355 3/28. Weak signal with man in JJ. (DV-WA)
 - + 1330 3/31. Weak with splatter with woman in JJ. Good signal at 1337. (DV-WA)
 - + Good with YL JJ conversation 1335 4/2 (GD-WA)
 - + 1309 4/5. Good signal with two men in JJ. (DV-WA)
 - + 1300-1304 4/6. Fair to good signal with man/woman in JJ. (DV-WA)
 - + 1239 4/8. Good signal with some splatter with two men in JJ followed by song. (DV-WA)
 - + 1259 4/9. Weak signal with woman in JJ. (DV-WA)
 - + 1317 4/10. Weak signal with splatter. (DV-WA)
 - + 1318 4/11. Fair signal with domestic station splatter. (DV-WA)
 - + 1301 4/12. Fair signal at best with splatter. Man in JJ. (DV-WA)
 - + 1313 4/14. Weak signal with talk and splatter from domestic stations. (DV-WA)
 - + 1308-1312 4/16. Good signal with woman/man in JJ. (DV-WA)
 - 603 **REP KOREA,** Seoul, HLSA. 1341 3/31. Fair signal with music. (DV-WA)
 - + 1308 4/6. Near fair signal with domestic splatter hampering signal. (DV-WA)
 - + 1252 4/8. Weak signal with music. (DV-WA)
 - 639 **CHINA,** CRN1. 4/12. Poor signal fighting a fading KFI signal. (DV-WA)
 - 666 **JAPAN,** Osaka, JOBK, NHK1. 1326-1327 4/5. Man & woman in JJ //594 (DV-WA)
 - + 1311 4/6. Fair signal for a few seconds with JJ talk, then faded out. (DV-WA)
 - 693 **JAPAN,** Tokyo, JOAB, NHK2. 1318 4/5. Good signal with man in JJ. (DV-WA)
 - + 1312 4/6. Good signal with man in JJ. (DV-WA)
 - + 1314 4/16. Good signal along with a lot of splatter. (DV-WA)
 - 729 **UnID.** 1313 4/6. Weak with a lot of splatter, cannot make out language. Man and woman talking. (DV-WA)
 - 738 **TAHITI,** R Polynesie, France International. 1348 3/30. Weak briefly with music then faded out. (DV-WA)
 - + 1318 4/6. Good signal at times with music. Tons of splatter from KCBS. (DV-WA)
 - + 1242 4/8. Fair and battered in splatter from KCBS. Best on SW ewe. Music. (DV-WA)
 - 738 **TAIWAN,** BEL2, Penghu. Poor-fair with Chinese music 1329 4/2. (GD-WA)
 - 774 **JAPAN,** Akita, JOUB, NHK2. 1344 3/28. Fair signal at times with a lot of domestic splatter. (DV-WA)
 - + 1346 3/31 fair signal with some splatter with man in JJ. (DV-WA)
 - + Fair in KXL splatter with JJ male talk 1343 4/2. (GD-WA)
 - + 1319 4/5. Good signal //693. (DV-WA)
 - + 1320 4/6. Start of EE Conversation program. Good signal. (DV-WA)
 - + 1243 4/8. Fair signal with man in JJ. (DV-WA)
 - + 1307 4/9. Good signal with man in JJ. (DV-WA)
 - + 1303 4/10. Fair signal at best with man in JJ, splatter from KOH Reno not KTTH Seattle. (DV-WA)
 - + 1303 4/11. Fair with a lot of splatter from KKOH 780. (DV-WA)
 - + 1303 4/12. Fair signal with Ross Mitchell splatter from KOH Reno. (DV-WA)
 - + 1301 4/14. Fair signal with man in speaking JJ very slowly. (DV-WA)
 - + 1227 4/15. Fair signal with man in JJ. (DV-WA)
 - + 1316 4/16. Good signal and good splatter too. Man in JJ. Asian speaking station heard underneath JOUB's signal. (DV-WA)
 - 828 **JAPAN,** Osaka, JOBB, NHK2. 1346 3/28. Fair with woman in JJ. (DV-WA)
 - + 1345 3/31. Weak signal with man in JJ. (DV-WA)
 - + 1320-1322 4/5. Poor signal. Surprise that this station poor while other JJ powerhouse station had good signals. 1323 signal up to fair. (DV-WA)
 - + 1321 4/6. Good signal, much better than yesterdays signal. //774. (DV-WA)
 - + 1327 4/9. Fair signal with EE Radio Conversation program. (DV-WA)
 - + 1304 4/10. Good signal and some splatter with man in JJ. (DV-WA)
 - + 1305 4/11. Good signal with man in JJ. (DV-WA)
 - + 1304 4/12. Fair signal with slow talking man in JJ. (DV-WA)
 - + 1305-1306 4/14. Weak signal with JJ. (DV-WA)
 - + 1318 4/16. Mostly weak signal with man in JJ. (DV-WA)
 - 891 **AUSTRALIA.** 1358 3/28. Weak audio, sounds like man in EE. 5AN? (DV-WA)
 - + Close to audio carrier, but Idaho station KDJQ signal is too strong. I can lower KDJQ signal with the sky wire loop, but it lowers the DU to a lower carrier level. (DV-WA)
 - 936 **UnID.** 1343-1344 4/6. Level 5 carrier near audio, but not quite there. (DV-WA)
 - 1008 **UnID.** 1305-1310 4/10. Poor signal with man talking in ? (DV-WA)
 - 1053 **REP KOREA.** 1319 4/10. Jammer atop channel with fair signal. (DV-WA)
 - + 1305 4/12. Good signal for the jamming station. (DV-WA)
 - 1053 **REP KOREA.** 1321 4/11. Jammer weak and battered in splatter. (DV-WA)
 - 1386 **UnID.** 1320-1323 4/9. Piano music slow song. Not // to NHK2 network. (DV-WA)
 - 1422 **JAPAN,** Yokohama, JORF. 1325 4/6. Fair signal with man in JJ. (DV-WA)
 - 1500 **HAWAII,** Honolulu, KHKA. 1355-1402 3/30. Alone on channel on SW EWE. Many ESPN ID's. Missed some of the call letters at 1400, but heard Honolulu after call ID. Signal ranged from weak to good. (DV-WA)
 - + 1400 4/5. Good signal atop channel with ID. ESPN programming. (DV-WA)
 - 1503 **JAPAN,** JOUK, NHK1. 1332-1334 4/9. Fair signal with woman/man in JJ. (DV-WA)
 - + 1322-1325 4/16. Weak signal with man in JJ. (DV-WA)
 - 1503 **UnID.** 1321-1324 4/12. Weak signal with middle of the road music. Best on SW ewe. DU? (DV-WA)
 - 1512 **AUSTRALIA?** Newcastle, NSW, 2RN. 3/31. Talk and some music along with splatter, best on SW ewe. (DV-WA)
 - 1566 **REP KOREA,** Cheju, HLAZ. 1315-1318 3/30. Fair to good at times with rapid fading signal. (DV-WA)
 - + Weak with talk at 1333. 3/31 (DV-WA)
 - + Fair with religious music at 1339 4/2. (GD-WA)
 - + 1327 4/6. Good signal with man in JJ. Nothing yesterday here. Heard on all four antennas this morning. (DV-WA)
 - + 1246 4/8. Fair signal with religious music followed by man in JJ. (DV-WA)
 - + 1309 4/9. Fair signal with man in JJ. (DV-WA)
 - + 1312 4/10. Weak to fair signal with woman in JJ. (DV-WA)
 - + 1306 4/11. Fair signal at times with talk. (DV-WA)
 - + 1308 4/12. Fair signal with man in JJ. (DV-WA)
 - + 1327 1337 4/14. In briefly with man in JJ. (DV-WA)
 - + 1230-1234 4/15. Weak signal at times with music. (DV-WA)
 - + 1320 4/16. Good signal at times with man in JJ. (DV-WA)
 - 1566 **UnID.** DU station under HLAZ. Man heard talking under HLAZ women speakers. Bits of EE at 1341 with man talking, weak signal. Soon faded out. (DV-WA)
 - 1575 **THAILAND,** VOA. 1352 3/31. Weak with talk. (DV-WA)
 - + 1311-1318 4/9. Good signal with woman in Vietnamese (PALs) and over DU? station with fast talking male announcer. Maybe the Australian Italian station 2RF? (DV-WA)
 - + 1307-1310 4/11. Weak to fair signal with Asian language talk and music. (DV-WA)
- ### TROPICAL BAND DX ROUNDUP
- 2310 **AUSTRALIA,** Alice Springs. 1312 4/12. Weak with below program. (DV-WA)
 - 2325 **AUSTRALIA,** Tennant Creek. 1309-1310 4/12. Fair signal with two men talking. (DV-WA)
 - 2485 **AUSTRALIA,** Katherine. 1314 4/12. Best of the 3 Aussie's with a good signal. (DV-WA)
 - 2580 **DPR KOREA,** V of Korea. 1200 4/4. VG, with male in KK. Haven't hrd this one in a while. Very regular here, up until a couple months ago. Patriotic instrumental music before the hour. (RB-AZ)
 - 3925 **JAPAN,** R Nikkei. 1245 4/4. Very strong at this session with JJ pop music pgm. Music varies here from this to classical, but today, J-Pop. (RB-AZ)
 - 5995 **AUSTRALIA,** R Australia. 1511 4/4. Female presenter, interview type program, good, but fading on dying band as midday approaches here. (RB-AZ)
- ### THANKS TO THESE REPORTERS
- DV-WA **DENNIS VROOM,** Kalama WA
DXing with JRC NRD 545, SW ewe + Sky wire loop 753', Long wire 225' + High Performance Active Whip
 - GD-WA **GARY DeBOCK,** Puyallup WA
Tecsun PL-380 + 8" Longwave and Medium Wave FSL's
 - RB-AZ **RICK BARTON,** El Mirage, AZ
Panasonic RF-2200, Hallicrafters S-77A, Hammarlund HQ-200-X, Outdoor Slinky



DX WORLDWIDE – EAST

Vincent Ferme

E-mail: dxista@yahoo.ca

all times UTC

*** TRANS-ATLANTIC LOGS ***

- 531 **ALGERIA** Jil FM, F'kirina Wilaya d'Oum El Bouaghi, MAR 29 2312 - pop Arabic music; fair. [Connelly*O-MA]
- 693 **UNITED KINGDOM** BBC R. 5, Droitwich et al., MAR 29 2330 - // 909 with two men talking about entertainment personalities. [Connelly*O-MA]
- 711 **FRANCE** France Info, Rennes, MAR 29 2330 - music, France Info theme, talk; through WOR slop. [Connelly*O-MA]
- 738 **SPAIN** RNE R.1, Barcelona, MAR 29 2312 - old style pop Spanish male vocal; fair. [Connelly*O-MA]
- 747 **NETHERLANDS** R.5, Zeewolde (Flevoland), MAR 29 2312 - oldies show with "A World of Our Own" by the Seekers; fair. + MAR 29 2330 - jingle, then "You Talk Too Much" by Joe Jones. [Connelly*O-MA]
- 756 **GERMANY** Deutschlandfunk, Braunschweig & Ravensburg, MAR 29 2329 - // 1422 with old-fashioned German male group vocal; fair / dominant. [Connelly*O-MA]
- 774 **SPAIN** RNE R.1 synchros, MAR 29 2312 - vocal // stronger 738. [Connelly*O-MA]
- 783 **SYRIA** Syrian Arab Republic Broadcasting Corp, Tartus, MAR 29 2331 - slow orchestral Mideast music // 828 and 918; over others. [Connelly*O-MA]
- 792 **FRANCE** France Info, Limoges, MAR 29 2313 - // 1206 with fast French talk by man; poor. [Connelly*O-MA]
- 828 **SYRIA** ORT Arab Syrienne, Deir el Zawr, MAR 29 2331 - // 783 & 918 with slow orchestral Mideast music; through WCRN slop. [Connelly*O-MA]
- 837 **CANARY ISLANDS** // SPAIN COPE synchros, MAR 29 2312 - Spanish teletalk; evenly mixed with France. [Connelly*O-MA]
- 837 **FRANCE** France Info, Nancy, MAR 29 2312 - French // 792; mixed with COPE Spain-Canaries. [Connelly*O-MA]
- 855 **SPAIN** RNE R.1 synchros, MAR 29 2312 - // 738 with old style pop Spanish male vocal; fair. [Connelly*O-MA]
- 864 **FRANCE** France Bleu, Villebon-sur-Yvette, MAR 29 2329 - Procol Harum "Whiter Shade of Pale" (1967), then woman followed by man in French; good. [Connelly*O-MA]
- 882 **CANARY ISLANDS** // SPAIN COPE synchros, MAR 29 2312 - Spanish teletalk // 837; fair. [Connelly*O-MA]
- 890.95 **ALGERIA** Chaîne 1, Algiers, MAR 29 2312 - undoubtedly this as slightly off nominal frequency, strong carrier without much audio. [Connelly*O-MA]
- 909 **UNITED KINGDOM** BBC R.5 synchros, MAR 29 2312 - man talking with Margaret who had just travelled "up to Hemel Hempstead"; good. [Connelly*O-MA]
- 918 **SPAIN** R. Intercontinental, Madrid, MAR 29 2312 - man & woman in Spanish; fair. [Connelly*O-MA]
- 918 **SYRIA** ORT Arab Syrienne, Al-Hassake, MAR 29 2331 - // 783 & 828 with slow orchestral Mideast music; over Spain. [Connelly*O-MA]
- 936 **SPAIN** RNE R.5 synchros, MAR 29 2312 - Spanish talk; mixed with others. [Connelly*O-MA]
- 945 **FRANCE** France Info, Toulouse, MAR 29 2330 - // 711 with music, then France Info theme, talk; good. [Connelly*O-MA]
- 954 **SPAIN** Onda Cero, Madrid, MAR 29 2312 - Spanish talk; poor. [Connelly*O-MA]
- 999 **SAUDI ARABIA** BSKSA R.Quran, Tabuk, MAR 29 2312 - Koranic vocal; strong, over Spain. [Connelly*O-MA]
- 999 **SPAIN** COPE synchros, MAR 29 2312 - Spanish teletalk; under Saudi Arabia. [Connelly*O-MA]
- 1035 **PORTUGAL** R. Clube, Belmonte, MAR 29 2313 - "Heartbreak Hotel" by Elvis Presley; through WBZ slop. [Connelly*O-MA]
- 1053 **LIBYA** Libyan Jamahiriya, Tripoli, MAR 29 2313 - Arabic talk by man; good. [Connelly*O-MA]
- 1053 **UNITED KINGDOM** TalkSport synchros, MAR 29 2329 - talk // 1089; mixed with Libya. [Connelly*O-MA]
- 1089 **UNITED KINGDOM** TalkSport synchros, MAR 29 2312 - two men discussing Newcastle team; good. [Connelly*O-MA]
- 1098 **SPAIN** RNE R.5 synchros, MAR 29 2312 - echoey Spanish talk by man, NOT parallel 738 (RNE-1) at the time. [Connelly*O-MA]
- 1116 **SPAIN** SER synchros, MAR 29 2312 - man & woman in Spanish; to fair peak. [Connelly*O-MA]
- 1125 **SPAIN** RNE R.5 synchros, MAR 29 2312 - talk // 1098; fair. [Connelly*O-MA]
- 1134 **CROATIA** Glas Hrvatske, Zadar, MAR 29 2312 - instrumental music segment, talk; evenly mixed with COPE Spain. [Connelly*O-MA]

- 1134 **SPAIN** COPE synchros, MAR 29 2312 - Spanish talk, teletalk; mixed with Croatia. [Connelly*O-MA]
- 1152 **SPAIN** RNE R.5 synchros, MAR 29 2312 - // 1125 with Spanish talk; fair. [Connelly*O-MA]
- 1170 **UNITED ARAB EMIRATES** R. Sawa, Al Dhabiya, MAR 29 2330 - female Arabic pop-dance vocal; EXCELLENT. [Connelly*O-MA]
- 1179 **CANARY ISLANDS** // SPAIN SER synchros, MAR 29 2329 - Spanish talk momentarily atop, then buried by Romania. [Connelly*O-MA]
- 1179 **ROMANIA** R. Romania Actualitati, Galbeni-Bacau et al., MAR 29 2312 - // 1332 with "Tears in Heaven" by Eric Clapton; over SER Spain-Canaries. + MAR 29 2331 - // 1332, 1404, 1458, 1593 with '60s jazz hit "Desafinado"; HUGE, demolishing both co-channel SER and the 1180 adjacents. [Connelly*O-MA]
- 1188 **IRAN** R.Payam, Tehran, MAR 29 2330 - 3-ascending-note intro signal on half hour, then talk by man; through WLIB slop. [Connelly*O-MA]
- 1206 **FRANCE** France Info, Bordeaux, MAR 29 2313 - // 792 with fast French talk; good. [Connelly*O-MA]
- 1215 **UNITED KINGDOM** Absolute R. synchros, MAR 29 2312 - Keane song "Silenced by the Night", then the "Night Shift Show" with female DJ, promo for Isle of Wight festival ticket giveaway; good, over Spain. + MAR 29 2330 - Absolute Radio ID, rock; loud. + MAR 29 2355 - "View to a Kill" by Duran Duran; good. [Connelly*O-MA]
- 1242 **FRANCE** France Info, Marseille, MAR 29 2312 - // 1206 with French talk by man; to good peak. WBUR in tight westward cardioid null, so no problem from that. [Connelly*O-MA]
- 1251 **LIBYA** Libyan Jamahiriya, Tripoli, MAR 29 2313 - music at low audio level on monster carrier. [Connelly*O-MA]
- 1278 **unID** ?, MAR 29 2312 - cover version of Cat Stevens "Wild World". [Connelly*O-MA]
- 1296 **SPAIN** COPE, Valencia, MAR 29 2331 - fast Spanish talk; over others. [Connelly*O-MA]
- 1305 **SPAIN** RNE R.5 synchros, MAR 29 2329 - Spanish man in phone interview; to good peak. [Connelly*O-MA]
- 1314 **UNITED ARAB EMIRATES** R. Farda, Al Dhabbaya, MAR 29 2312 - // 1575 with Mideast pop female vocal; LOUD. + MAR 29 2330 - 3+1 pips on half hour, Radio Farda ID in talk by man; good. [Connelly*O-MA]
- 1332 **ROMANIA** Romania Actualitati, Galati, MAR 29 2313 - // 1179 with "Tears in Heaven" by Eric Clapton; mixing with female talker that was likely the Iranian. + MAR 29 2331 - // 1179, 1404, 1458, 1593 with '60s jazz hit "Desafinado"; good. [Connelly*O-MA]
- 1341 **NORTHERN IRELAND** BBC Radio Ulster, Lisnagarvey, MAR 29 2330 - rock music, man in English; in slop. [Connelly*O-MA]
- 1377 **FRANCE** France Info, Lille, MAR 29 2313 - // 1206 with man in French; loud. [Connelly*O-MA]
- 1386 **SPAIN** Euskadi Irratia, Bilbao, MAR 29 2330 - man in Spanish; fair. [Connelly*O-MA]
- 1404 **ROMANIA** Romania Actualitati, Vadu Izei, MAR 29 2331 - // 1179, 1332, 1458, 1593 with '60s jazz hit "Desafinado"; over others. [Connelly*O-MA]
- 1413 **SPAIN** RNE R.5 synchros, MAR 29 2312 - // 1125 with man in Spanish; poor. [Connelly*O-MA]
- 1422 **ALGERIA** RTA, Algiers, MAR 29 2329 - Arabic music; over Germany. [Connelly*O-MA]
- 1422 **GERMANY** Deutschlandfunk, Heusweiler, MAR 29 2329 - // 756 with old-fashioned German male group vocal; under Algeria. [Connelly*O-MA]
- 1431 **DJIBOUTI** R. Sawa, Arta, MAR 29 2312 - pop-rock Mideast vocal; poor. [Connelly*O-MA]
- 1458 **ROMANIA** Romania Actualitati, Constanta, MAR 29 2331 - // 1179, 1332, 1404, 1593 with '60s jazz hit "Desafinado"; good, over UK stations. [Connelly*O-MA]
- 1458 **UNITED KINGDOM** Sunrise Radio, Brookmans Park, MAR 29 2312 - Indian music female vocal; over BBC English talker. [Connelly*O-MA]
- 1476 **SPAIN** Euskadi Irratia, San Sebastian, MAR 29 2312 - folk male vocal; fair. [Connelly*O-MA]
- 1485 **SPAIN** SER synchros, MAR 29 2312 - Spanish teletalk; fair. [Connelly*O-MA]
- 1494 **FRANCE** France Info synchros, MAR 29 2312 - French // 1206; poor, mixed with unID music station. [Connelly*O-MA]
- 1521 **SAUDI ARABIA** BSKSA, Duba, MAR 29 2312 - man & woman in Arabic; good. [Connelly*O-MA]
- 1539 **UNITED ARAB EMIRATES** R. Aap Ki Duniya, Al Dhabiya, MAR 29 2312 - south Asian language (presumed Urdu); over Spain. [Connelly*O-MA]
- 1548 **KUWAIT** R. Sawa, Kabd-Kuwait City, MAR 29 2312 - Mideast dance club music; over UK English talker. + MAR 29 2330 - vocal, Radio Sawa ID; to good peak. [Connelly*O-MA]
- 1557 **FRANCE** France Info, Fontbonne, MAR 29 2312 - // 1206 with France Info net talk by man; LOUD (and better than adjacent WQEW at times). [Connelly*O-MA]
- 1575 **UNITED ARAB EMIRATES** R. Farda, Al Dhabiya, MAR 29 2312 - // 1314 with Mideast pop female vocal; HUGE. + MAR 29 2330 - 3+1 pips on half hour, Radio Farda ID in talk by man; very good. [Connelly*O-MA]

1593 ROMANIA Romania Actualitati, Ion Korvinn, MAR 29 2331 - // 1179, 1332, 1404, 1458 with '60s jazz hit "Desafinado"; fair. [Connelly*O-MA]

*** PAN-AMERICAN LOGS ***

580 PUERTO RICO WKAQ, San Juan, MAR 29 2330 - ID "WKAQ en la noche"; dominant.

[Connelly*O-MA]

840 HAITI R. 4VEH (4VEF), Cap-Haitien, MAR 29 2330 - man & woman in French; good.

[Connelly*O-MA]

940 PUERTO RICO WIPR, San Juan, MAR 29 2312 - ID "Maxima nueve cuarenta"; dominant.

[Connelly*O-MA]

*** CONTRIBUTORS ***

[Connelly*O-MA]

Mark Connelly, WA1ION, Orleans, Cape Cod, MA, USA
(GC= 41.8072 N / 69.9537 W) (= 41° 48.43' N / 69° 57.22' W)
(beach area: northeast end of Tonset Road, at Weeset Road)

e-mail: MarkWA1ION@aol.com

Receiver: Microtelecom Perseus

Antenna: cardioid-pattern Micro-SuperLoop on car roof, square, 2 m per side, with 9:1 transformer on east bottom corner to speaker wire to 2:1 transformer to W7IUUV transfer amp, and 9:1 transformer on west corner to speaker wire to 500 ohm null-adjust potentiometer. See

<http://home.comcast.net/~dx_lab/pictures/micro_superloop.htm> for a similar antenna.

VERIFICATION SIGNERS

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My deadline is the last Monday of the month at 1500 ELT.

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FREQ CALL NAME, TITLE; ADDRESS; WHAT; WHEN; WHO

560 WFIL Rene F. Tetro, Dir of Eng & IT; dxtest@wfil.com; E; 41; SSH [Station in Philadelphia PA]

680 WPTF* Brian Freeman, PD/OpsMgr; bfreeman@curtismedia.com; E; 1; KK [Station in Raleigh NC]

690 WOKV Mike Dorwart, PD; 8000 Belfort Parkway, Suite 100, Jacksonville FL 32256; L+; 7; KK

850 WKIX Bill Whitley, GM, McClatchey Broadc Co; bwhitley@mcclatcheybc.com; E; 2; KK [Station in Raleigh NC]

1060 CKMX Harold Sellers, Ontario DX Assoc QSL Mgr; 3211 Centennial Drive, Apt. 23, Vernon BC V1T 2T8, Canada; Q; 32; IRCA

1550 KRPI F David Harris, CE; P O Box 3213, Ferndale WA 98248; Q; 4; PM

WHAT was received: L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card or form supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by e-mail; fx = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies

WHEN the reply came: Number of days elapsed; f = Follow-up, by mail, FAX, e-mail, or visit; n = Return postage not used; r = Return postage returned

NOTES: * [For this column] = Kraig later received a package from the station by postal mail in 4 days containing a signed photo, coffee mug, coffee scooper, golf tee, and lip balm!

Nice to have Kraig with us again this month! And, of course, Patrick, too! This column was prepared on 3/26/12. 73, SSH.



IRCA TECHNICAL COLUMN

Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6

E-mail: nhp@ieee.org

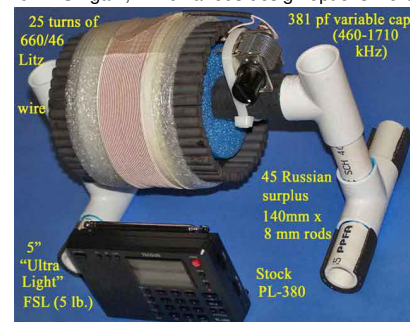
5 inch "Ultra Light" FSL Antenna

Maximum AM-DXing Performance from a Minimal Package

By Gary DeBock

Introduction Graham Maynard's initial article describing an innovative ferrite sleeve antenna certainly caused a sensation among experimenters, who quickly realized that this new design was one of the major breakthroughs in the effectiveness of portable AM-DXing antennas. Massive orders were placed for Russian surplus ferrite rods and bars in a collective search for maximum FSL gain, while various design options were explored by individual experimenters going in their own chosen direction. Some very effective design models were created, but they all had one common characteristic—they were considered overpriced and inaccessible by the vast majority of the Ultralight radio enthusiast group. One of the major antenna discoveries in recent history was being enjoyed by only a select few.

Publication of a 7 Inch "Affordable" FSL design last October was an attempt to bridge the gap with these overlooked DXers, but it soon became obvious that the \$150 target price of the antenna just wasn't "affordable" enough for most of the target audience. Poor economic conditions had stretched hobby-related budgets very thin, and a radically different approach would be necessary to provide any practical kind of FSL antenna option for the scores of interested DXers still on the sidelines.



It was obvious that various design corners could be cut to provide a cheap and mediocre FSL antenna, but that certainly wasn't anything worthy of the interested DXers, or of the testing resources available here. It became a fascinating challenge to design and create a potent but pint-sized antenna that would cost around \$90 to build (as of January 2012), but deliver enough AM-DXing performance to make hobbyists completely forget that they were ever using an "economy model." The target FSL would be a tiny thriller, with sufficient inductive coupling gain to provide a major boost in hobby excitement for all users.

Project Overview: One of the major challenges in FSL antenna design is relating the

performance of the new loops to a standard which is commonly known and accepted in the AM-DXing community. The author was fortunate to have PVC air core loops of various sizes on hand during the development of this 5" FSL model (and other models), making it possible to accurately judge its weak-signal reception capability against that of various air core loops (as in the testing process, shown at right). Despite the reduced scale of this FSL model, the highest quality Litz wire and vernier-drive variable capacitor were retained in an effort to provide maximum DXing performance for its size—and when this 5" FSL's weak-signal reception was found to be equivalent to that of a full-sized 4' air core box loop, the design challenge of creating a tiny thriller was considered a success.

In an effort to make construction as simple as possible the antenna's components were chosen because of their plentiful supply, and most of them have been stockpiled by the author. The Russian surplus 140mm x 8mm ferrite rods are currently available in good quantity from at least two eBay sellers in the Ukraine ("Alexer1" and "Sovtube"), and the 660/46 Litz wire is also commonly available from the eBay seller "Mkrmak222.". There is no need to install pipe insulation layers—a 5" long "Big Boss Noodle" section (available from the author at

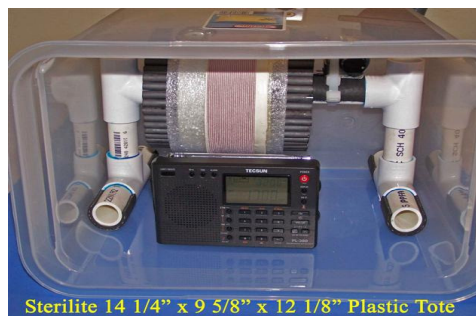


Photo 1



Photo 2

d1028gary@aol.com) simply slides into a 3" diameter rubber plumbing coupler with a vinyl liner locking strip, providing a soft, padded base for protection of the 45 ferrite rods. Finally, the antenna has slip-resistant rubber grips on the two PVC "legs" for operation on wet surfaces, and provisions have also been made for plugging in a protective "rain hood" assembly. A compact Sterilite plastic tote (14 1/4" x 9 5/8" x 12 1/8", which is commonly available at Walmart stores) can transport the antenna to a DXpedition site, and double as a weather-proof operating space for the 5" FSL and inductively-coupled portable radio (see Photo 1).

Although FSL antennas are commonly used to boost DX signals in Ultralight radios, they are also highly effective in providing gain enhancement for full-sized AM-DXing portables like the Sony ICF-2010, Panasonic RF-2200 and other classic radios. Any radio with an AM loopstick can benefit greatly from such inductive coupling, especially in outdoor environments where the 5" FSL's superior signal-to-noise capability can really be enjoyed. But even if outdoor DXing is impossible or inconvenient for you, this compact FSL model will still provide plenty of indoor hobby fun.

Construction Parts List To assemble the 5" FSL the following parts will be required. Material marked with an asterisk (*) has been stockpiled by the author, and is available to builders at cost as long as supplies last. (see Photo 2 for alphabetical references)

- A) 45 Russian surplus 140mm x 8mm ferrite rods, commonly available from the eBay sellers "Sovtube" and "Alexer1" (Note: Since about 10% of these rods come with noticeable bends or angles in them, it is advisable to order a total of about 50 rods so that 45 straight rods will be available.)
- B) 40' of 660/46 Litz wire, available from the eBay seller "Mkmak222" (Note: This seller commonly sells such wire in 60' and 100' lengths. Unless you need more such Litz wire for a second project, ask him to sell the 40' length.)
- C) A 381 pf, 8:1 drive variable capacitor from <http://www.crystalradiosupply.com> (Part #N50P), plus the control knob

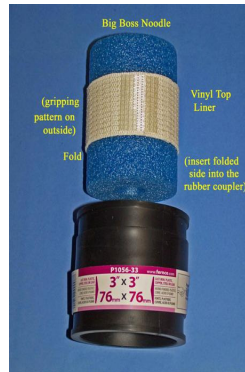


Photo 3

- (control knob #3 from the same source)
- D*) A 3" x 3" Fernco rubber plumbing coupler, Part #P-1056-33 (used to connect cast iron, plastic, copper, steel or lead), Available from McLendon's hardware stores locally (source is <http://www.fernco.com>)
- E*) A 5" long section of the "Big Boss Noodle" swimming floatation aide, 3.5" diameter
- F*) One 12", one 9", two 3" and four 2.5" lengths of 3/4" diameter Schedule 40 PVC pipe; four 3/4" PVC "Tee" fittings (complete sets of precut PVC pipes and fittings are available from the author at cost)
- G*) 1", 2" or 4" wide Johnson & Johnson (or Rite Aid) waterproof tape roll
- H*) One roll of Scotch brand "Extreme" strapping tape
- I*) 1/2" wide Johnson & Johnson

Rite Aid) waterproof tape roll

J*) A 12" x 4.5" section of "Magic Cover" vinyl top liner (source is <http://www.kittrich.com>)

K*) Three 120 pound-test, 18" long nylon cable tie wraps

L*) 12" length of 5/8" I.D. rubber heater hose

M*) One 6-32 x 3/8" machine screw, two 6-32 nuts, one #6 lockwasher, one #6 soldering lug

N*) 2 1/2" long section of 3/32" shrink tubing

O*) Oatey 4" x 4" foam closet spacer

Miscellaneous: Oatey "Rain R Shine" blue PVC glue, Duro Super Glue, solder

Ferrite Ordering Notes The Russian surplus ferrite rods typically take several weeks to arrive in North America from the eBay sellers in the Ukraine. This particular size of ferrite has been ordered in serious quantities from both of these sellers during the past year, and was also size used in the 7" "Affordable" FSL project. Current indications (as of February 2012) are that a very large stock of the 140mm x 8mm ferrite

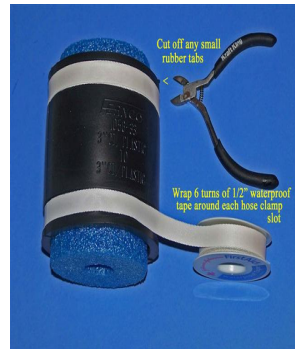


Photo 4

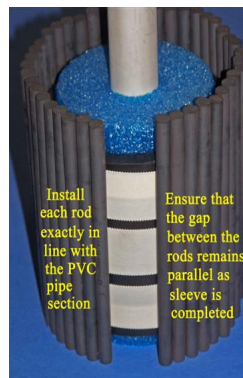


Photo 6

rod
the



Photo 5

rods is still held by both of these Ukrainian sellers, which was one of the reasons why this particular size was chosen for the 5" FSL construction project.

Step By Step Construction:

1) Refer to Photo 3. Take the 12" x 4.5" section of vinyl top liner and fold it in half lengthwise, so that it becomes a folded 12" x 2.25" section (ensure that the smoother side of the vinyl liner is on the inside, and the side with the gripping pattern is on the outside). Wrap this folded section as shown around the center of the Big Boss Noodle section, pulling it tightly so that one edge overlaps the other. Secure this overlapping section with a 2" strip of Scotch "Extreme" tape, as shown.

2) Face the folded edge of the liner toward the rubber coupler opening (as shown), and carefully insert the noodle/liner assembly into the rubber coupler edge by edge, so that the liner does not bind as it enters the rubber coupler. Using thumb pressure on both sides of the noodle/liner assembly, carefully work the assembly down (edge by edge) so that the liner stays flat against the inside of the rubber coupler. Continue this downward pressure (edge by edge) until the liner is completely hidden inside the coupler. Finally, push the Noodle edge downward until equal lengths of the Noodle are on each side of the rubber coupler, and both edges of the Noodle are exactly parallel with the edges of the rubber coupler (as shown in Photo 4).

3) Refer to Photo 4. Remove the paper label and any hose clamps from the rubber coupler, and using diagonal cutters, cut off any rubber tabs so that the rubber coupler has completely flat mounting surfaces for the ferrite rods. Using 1/2" waterproof tape, wrap 6 turns around both of the hose clamp slots so that an even, flat surface is created for mounting the ferrite rods.

4) Refer to Photo 5. Using the wider waterproof tape (adhesive side out), tightly wrap several horizontal turns around the rubber coupler so that an evenly-spaced tape pattern is created to hold the ferrite rods. Overlap the end of each turn by about 2", and ensure that each turn is wrapped tightly so that the turns will not slide up or down on the rubber coupler.

NOTE: It is common for the Russian surplus ferrite rods to have minor bends, but rods which are seriously bent or damaged should not be installed in the antenna. Perform a "roll test" on each individual rod (on a flat table) to check for serious flaws. Reject those that won't roll.

5) Refer to Photo 5. Temporarily push the 9" PVC pipe section into the Noodle, so that the pipe's lower edge is flush with the Noodle's lower edge (and both are flat against a perfectly flat table). Choose a perfectly straight ferrite rod and press it tightly against the horizontal tape pattern, ensuring that it is exactly lined up vertically with the PVC pipe, and that the ferrite rod's lower edge is flush against the flat table. This step is important in starting a tidy pattern.

6) Refer to Photo 6. Carefully press each of the ferrite rods tightly against the adjacent rod, ensuring that each rod is flush with the table, and that each rod remains lined up with the PVC pipe. Any rods with minor bends (that pass the "roll test") should be installed so that maximum contact with the waterproof tape is made. When the rod assembly is nearing completion, check to ensure that the gap between the installed rods remains parallel, and that the rods all have the same approximate height against the rubber coupler. It is acceptable to have a minor gap (1/8" or less) between the final rod and the first rod, since the following steps will compress the ferrite sleeve, and tend to eliminate minor gaps.



Photo 7

7) Refer to Photo 7. Using the wider waterproof tape (adhesive side out) tightly wrap several horizontal turns around the ferrite sleeve (starting with the exact center section of the



Photo 8

rods), so that a 4" wide pattern centering on the middle of the ferrite rods is covered. Ensure that each of these tape turns is tight, and that they will not slide up and down the ferrite sleeve. Overlap the end of each turn by about 2". These tape turns help to secure the ferrite sleeve assembly in a cylindrical shape, and should be installed immediately after completion of the ferrite rod

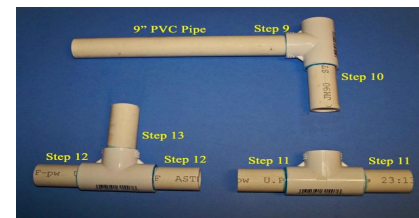


Photo 9

installation.

8) Refer to Photo 8. Using needle-nose pliers, carefully remove the stapler from the Oatey 4" x 4" foam closet spacer pack. Cut a 17" long section of foam spacer material (with

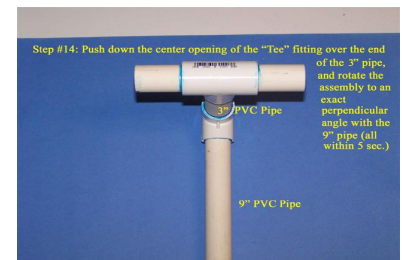


Photo 10

straight, perpendicular edges), using foam spacer material which does not have serious gaps or holes. Tightly wrap this foam material around the 4" wide tape pattern on the ferrite sleeve assembly, ensuring that it is centered on the ferrite rods. Pull the foam material tightly (it has the ability to stretch, to some degree), and cut off any excess material on the ends so that the straight edges mate perfectly (see Photo 8). While the foam material is still tightly stretched in this manner, secure the ends with a strip of the wider waterproof tape.

NOTE: The antenna's PVC frame will be installed in the following steps. Detailed information on the preparation and gluing of PVC pipes and fittings is given in the PVC Loop article posted at <http://www.mediafire.com/?igw1zjwfwzmv> on Pages 3, 4 and 5 (also see [DX Monitor](#) of 12 Sept 2009). When performing the following steps, ensure that such instructions are understood and followed. Because of the inexpensive cost of the PVC fittings and pipes, it is advisable to practice making strong glue joints on a few scrap pieces before starting the assembly of the antenna's frame. Each PVC gluing step should be read and understood completely before proceeding with the step. Because of strong glue fumes, all PVC gluing operations should be conducted outdoors.

9) Refer to Photo 9. Remove the 9" PVC pipe from the ferrite sleeve assembly, and glue the center opening of a PVC "Tee" fitting to one end of the pipe.

10) Glue a 3" PVC pipe to one of the open sides of the "Tee" fitting attached to the 9" PVC pipe.

11) Glue a 2.5" PVC pipe to each of the open ends of another PVC "Tee" fitting.

12) Take another PVC "Tee" fitting, and glue the remaining two 2.5" PVC pipes to each of the open ends of the fitting.

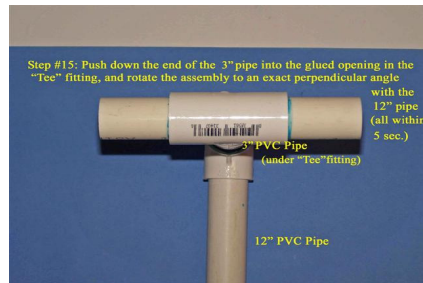


Photo 11

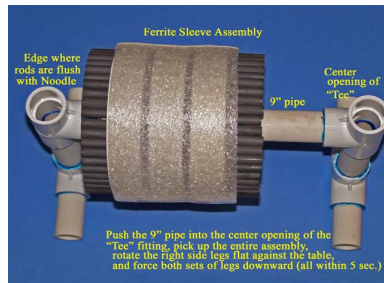


Photo 12

13) Glue the remaining 3" PVC pipe to the center opening of the "Tee" fitting used in Step #12.

14) Refer to Photo 10. Take the 9" PVC pipe assembly and the PVC "Tee" assembly prepared in Step #11. Stand the 9" PVC pipe assembly on the open end of its "Tee" fitting (as shown). Apply PVC glue to the end of the 3" pipe (which is straight up), and then apply PVC glue to the center opening of the "Tee" fitting (prepared in Step #11). Perform the following steps within 5 seconds: push the "Tee" fitting down over the 3" pipe until the fitting bottoms out, and twist the "Tee" fitting until the 2 1/2" pipes are exactly perpendicular to the 9" pipe (see photo at right).

15) Refer to Photo 11. Insert the 12" PVC pipe securely into the center opening of the remaining "Tee" fitting (without glue) to be used as a perpendicular guide in this step.

As in Step #14, stand the 12" PVC pipe assembly on one of the ends of the "Tee" fitting (in this case, so that the other open end of the "Tee" fitting is pointing upwards). Take the remaining PVC "Tee" assembly (prepared in Steps #12 and 13) and apply PVC glue to the edge of the 3" pipe, then apply PVC glue to the "Tee" opening (which is pointing upwards) of the 12" pipe assembly on the table. Perform the following steps within 5 seconds: push the 3" pipe assembly down into the glued end of the "Tee" fitting on the table until the pipe bottoms out, and twist the 3" pipe assembly until the 2 1/2" pipes are exactly perpendicular to the 12" PVC pipe on the table. After this

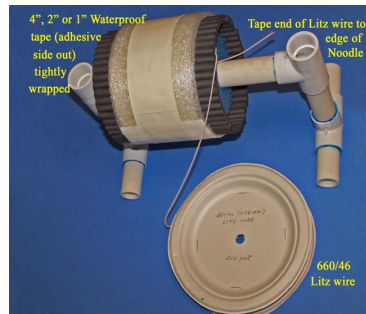


Photo 13

step, remove the 12" pipe from the assembly (it will not be used in the rest of the project).

16) **NOTE:** The following step should be performed on a perfectly flat table. Refer to Photo 12. Take the ferrite sleeve assembly, and reinsert the 9" PVC pipe (which now has a set of 2 1/2" "legs" attached) into the side of the ferrite sleeve assembly which has the ferrite rods flush with the Noodle

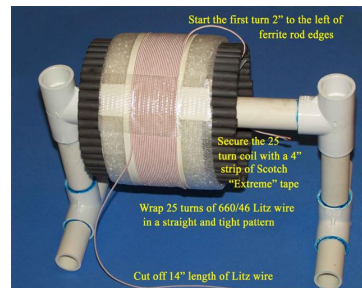


Photo 14

edge. Run the 9" pipe through the Noodle until the Noodle bumps up against the "Tee" fitting. Temporarily lay the FSL assembly flat on the table, so that the open end of the 9" pipe is exposed in the air. Take the remaining PVC 2 1/2" "leg" assembly (prepared in Step #15), and apply PVC glue to the center opening of its "Tee" fitting, then apply PVC glue to the edge of the 9" pipe running through the ferrite sleeve assembly. Perform the following steps within 5 seconds: push the 9" pipe into the center opening of the "Tee" fitting until it bottoms out, pick up the entire assembly, and rotate the second "leg" assembly so that both sets of "legs" are fairly flat against the table. Force both sides of the frame hard downward against the table until the right side "leg" assembly is perfectly straight (while the glue is still wet, putting downward pressure on both sides of the frame will provide a perfectly straight match of the "legs," as long as the table is perfectly flat). This completes the assembly of the antenna's PVC frame—allow the glue fumes to vent outdoors before proceeding with the next steps.

17) Refer to Photo 13 for the following step. Place the FSL assembly in the position shown, and tightly wrap a turn of your wider waterproof tape around the center of the FSL assembly (adhesive side out), overlapping the ends by 2". If you are using the 1" wide waterproof tape, wrap two turns, with the edges overlapping by 1/4". Temporarily tape one side of the 660/46 Litz wire to the right side of the Noodle (as shown) with a scrap of waterproof tape.

18) Refer to Photo 14 for the following step. Take the 660/46 Litz wire and start the first turn 2" to the left of the ferrite rod edges (so that the coil will be in the center of the rods). Press the first turn down tightly against the waterproof tape, ensuring that it is straight and taught (the FSL assembly will rotate freely on the pipe, to assist in wrapping turns). Continue wrapping the second turn tightly against the first turn, and continue this wrapping action until 25 full turns of Litz wire are wrapped straight and tight around the ferrite sleeve assembly. Secure the ends of the 25-turn coil with a 4" strip of Scotch "Extreme" tape (as shown), and cut off the Litz wire 14" from the taped section.

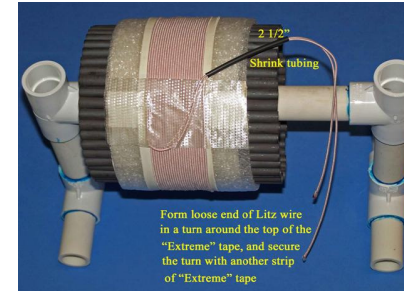


Photo 15

previous one. Untape the other Litz wire end from the side of the Noodle and carefully run each of the Litz wire ends through the 2 1/2" section of shrink tubing, as shown. Ensure that the two Litz wires are straight

inside the shrink tubing, and that they are as tidy as possible between the shrink tubing and coil.

20) Refer to Photo 16 for the following step. Temporarily route the two Litz wires into the "Tee" opening at the left side of the frame (to avoid damage during the mounting of the variable cap). Cut a 2 7/8" long length of the 5/8" I.D. rubber hose with straight cuts on both sides, and then cut the rubber hose length with a single, straight cut lengthwise (Note: this rubber hose length is purposely longer than the remaining horizontal space on the 9" horizontal pipe, in order to lock the ferrite sleeve assembly into place, and stop its rotation). Trim any loose rubber strips from the sides of the air hose length, and then apply super glue sparingly along the inner center section of the

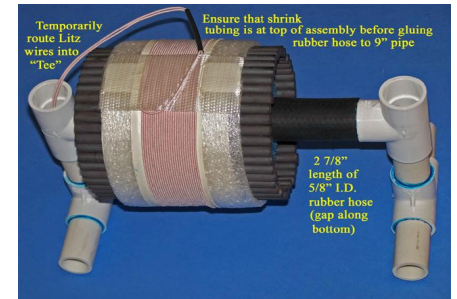


Photo 16

hose. Ensure that the ferrite sleeve assembly is pushed as far as it will go on the 9" pipe (and that the shrink tubing section is still on top of the assembly), and then attach the rubber hose section on the 9" pipe as shown, with the rubber hose gap along the bottom of the pipe. Press the rubber hose section securely down into place on the pipe, so that the glue makes a tight bond.

21) Refer to Photo 17 for the following step. Take two of the 18" cable tie wraps and pass the end of one through the eye of the other (engaging the "teeth") until there is about 2" of space left between the "eyes" of the two tie wraps. Place this assembly on top of the rubber hose section in the position shown, and then place the variable capacitor on top of this tie wrap assembly with the shaft to the left (as shown in the photo). While holding the right side tie wrap eye steady, gently move the left side tie wrap eye up against the body of the variable cap until the two tie wrap eyes bracket the variable cap body (as shown). After this has been done, temporarily remove the variable cap and cut off the excess tie wrap lengths (taking care not to move

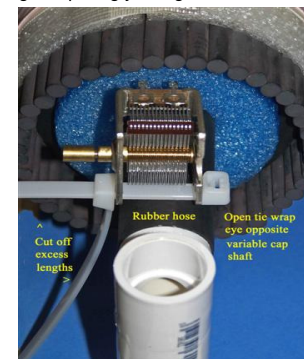


Photo 17

the tie wrap eyes closer together).

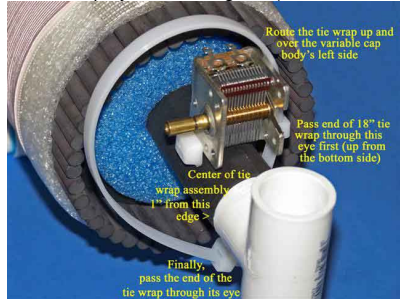


Photo 18

variable cap body's left edge, and that it passes directly over the eye of the tie wrap in the base assembly. Slowly tighten the tie wrap, ensuring that the above conditions do not change. Finally, tighten the tie wrap securely to lock the variable cap permanently in place. Cut off the excess tie wrap length.

24) Refer to Photo 20. Install (in this order) a #6 soldering lug and two 6-32 nuts onto a 6-32 screw, and thread this assembly into the variable cap chassis in the position shown, so that the soldering lug is pointing downwards. Tighten the hardware securely in this position. Install the control knob on the variable capacitor shaft, and remove the two Litz wires from the left side "Tee" opening. After ensuring that the shrink tubing section is still pushed back against the "Extreme" tape as closely as possible, cut each of the Litz wires to a length of 2". NOTE: The two 660/46 Litz wires are composed of many individually-insulated conductors, and it is essential to use enough heat and solder to melt all of these conductors together for best performance results. Pre-tin the end of these leads with a hot soldering iron, working completely around the circumference of the tip for a length of about 3/8". Ensure that solder melts all around this entire tip area, and that it includes all the individual conductors. Pre-tin the ends of the two Litz wire leads in this manner as shown, and also tin the upper

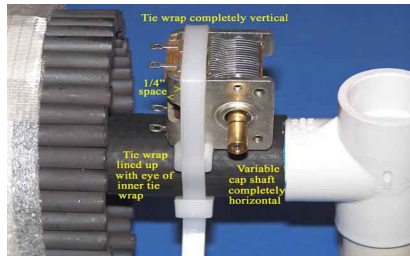


Photo 19

right variable cap terminal and the solder lug, as shown. 25) Refer to Photo 21 for the following step. Solder one of the Litz wires to the variable cap's near upper terminal as shown, and solder the other Litz wire to the solder lug. Ensure that both connections are electrically secure and clean. Cut four 1 5/8" lengths of the 5/8" I.D. rubber hose with straight, perpendicular cuts (these will be used as the slip-resistant "leg" grips). Cut each rubber hose section lengthwise with a straight cut, and trim off any loose rubber strips from the edges. Place each of the four rubber hose sections in place on the PVC "legs" as shown, and apply a small amount of super glue on both the left and right interior sides of each hose section to lock them in place on the PVC "legs." Press down firmly on the sides of each rubber hose section after the super glue has been applied, while ensuring that the borders of each rubber hose section are aligned with the edges of the PVC "legs." This completes the assembly of the 5" FSL antenna, which is now ready for testing and operation.

Testing and Operation This antenna is designed to provide a high-gain inductive coupling boost to all portable radios having a loopstick, and unlike other similar-sized antennas, it will provide a very substantial signal boost even to full-sized portables like the ICF-S5W and RF-2200. As designed, it will provide this inductive coupling boost on all frequencies from 460-1710 kHz, with signal gain approximately equal to that of a full-sized 4' air-core box loop. Because of the sharper tuning and lower noise pickup of the FSL antenna design, however, it will occasionally outperform the 4' box loop in the signal-to-noise ratio of weak DX signals—especially for weak DX stations adjacent to strong local transmitters received in outdoor environments (on a PVC base).

- 1) In a location free from RF noise, place the FSL antenna in a secure position on a flat surface, away from metal tables and other large electrical conductors.
- 2) Position your portable radio about 2" in front of the FSL coil for the initial test.
- 3) Tune in a weak signal (the weaker the better) at the low end of the AM band on your portable radio. It is important that the signal is just above the noise level, to demonstrate the effectiveness of the antenna.

22) Refer to Photo 18 for the following step. Place the prepared tie wrap assembly in the position shown in the photo, with the center of the tie wrap exactly 1" from the outer edge of the rubber hose section. Place the variable cap back into position on the tie wrap assembly as shown, so that the variable cap shaft is 1/2" from the outer edge of the rubber hose section. Take the third 18" tie wrap and pass the end through the eye of the tie wrap assembly as shown for a length of 12" (up and over the body of the variable cap which is closest to the terminals), and pass the end through the eye of the same tie wrap as shown. Do not tighten the tie wrap completely until the next step. 23) Refer to Photo 19 for the next step. Ensure that the variable cap is in the position shown, with the shaft completely horizontal. Also ensure that the tie wrap is completely vertical, that its left edge is 1/4" away from the

right variable cap terminal and the solder lug, as shown. 25) Refer to Photo 21 for the following step. Solder

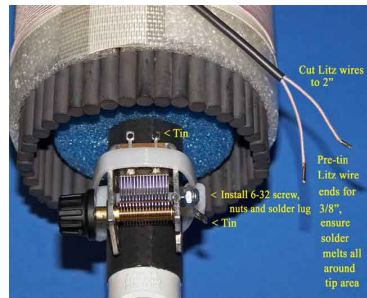


Photo 20

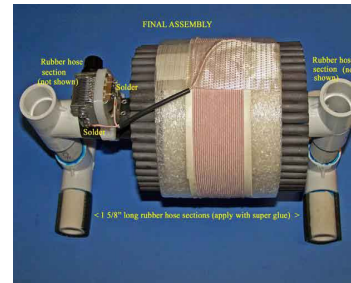


Photo 21

a fairly sharp adjustment, which will provide excellent results when optimized. 6) An FSL's DXing performance can be increased by placing the antenna on a non-conducting stand up off of a table, such as on a PVC-framed base for DXpedition or shack usage. Information on such PVC bases and a protective "rain hood" PVC assembly may be obtained from the author.

Conclusion: The introduction of the FSL antenna last year provided DXers with a new option—high gain, low-noise performance from an extremely compact package (although with the "side effects" of concentrated weight and cost.). This particular FSL size was chosen because of its superior tradeoff of high gain with minimal weight and expense—especially in outdoor environments. Whether at an ocean coast cliff or at home in your shack, the author sincerely hopes that it will exceed your DX expectations!

5" Mini-FSL Vs. 4' PVC Air Core Loop Relative Performance Test

The tiny new 5" FSL was given the tough challenge of going up against a full-sized 4 foot PVC air core loop in the reception of fringe daytime DX signals here in Puyallup, Washington (about 30 miles south of Seattle). The only reason that this match up was even attempted was because the slightly larger 7 inch "Affordable" FSL (article at <http://www.mediafire.com/?dshnqlbydf6qu25>) had previously proven that it could not only compete with the 4' air core loop, but deliver a slightly better signal-to-noise ratio on most of the test signals.

The midget FSL and the large air core loop faced off in the cold back yard, separated by about 60 feet. (see Photo 22) Fringe daytime DX stations were carefully tuned in on both loops, then a barefoot Tecsun PL-380 model was inductively coupled to the 4' air core loop for the first part of each test signal MP3, then to the 5" Mini-FSL within 5 seconds (so that the signals would not fade or increase between recordings) for the last part of each MP3. To ensure accuracy, both loops were directed at the same bearings for each test signal. The MP3s were posted online for you to make your own conclusions.

980-CKNW (50 kw at 160 miles) First 20 seconds with 4' air core loop; MP3 file posted at <http://www.mediafire.com/?br4sw4q5325m8g1>

1040-CKST (10 kw at 160 miles) First 15 seconds with 4' air core loop; MP3 file posted at <http://www.mediafire.com/?oh62u7fplv3k3t>

1070-CFAX (10 kw at 90 miles) First 20 seconds with 4' air core loop; MP3 file posted at <http://www.mediafire.com/?uvg65m2j4i3ubl1>

1520-KGDD (50 kw at 160 miles) First 18 seconds with 4' air core loop; MP3 file posted at <http://www.mediafire.com/?c8284pol9bjgkld>

Comments: The 980-CKNW recording was a typical display of the relative reception capabilities of the two loops in the absence of QRM or splatter. The 1040-CKST recording showed the ability of one of the loops to reject some serious 1050-Seattle splatter on the same loop bearing, and the inability of the other loop to do the same. The 1070-CFAX recording seemed to be the most puzzling, but since the signal came from a different direction, perhaps the propagation seemed to favor one loop at the expense of the other. The 1520-KGDD recording seems to be a complete deadlock (which, in the tester's opinion, could be a fairly accurate summary for the overall result in this bizarre match up :-). Thanks to my Ultralight NDB-DXing brother Rob Ross for a very generous gift of 140mm x 8mm ferrite rods to build these Mini FSL's, and to Dave Kellmer of Portland, Oregon for a very generous supply of Funnoodes.



Photo 22



2011-2012 IRCA Letterama DX CONTEST

Manager: Nancy Johnson – 265 Waterton Way – Billings MT 59102-7755

E-mail: NancyJohnson@prodigy.net

April 15, 2012 update

| | |
|--------------------|-----|
| 1. Paul Swearingen | 353 |
| 2. Eric Bueneman | 286 |
| 3. Bill Nittler | 194 |
| 4. Tim Noonan | 182 |
| 5. Greg Hall | 180 |
| 6. Dennis Vroom | 104 |
| 7. Nancy Johnson* | 30 |
| 8. Nigel Pimblett | 29 |
| 9. Mike Sanburn | 10 |
| 10 John C. Johnson | 3 |

*Contest manager is not eligible to win.

The contest is quickly drawing to a close, with May 31 the last day you can log a station to report.

GEOMAGNETIC INDICES

Compiled by: Phil Bytheway

E-mail: phil_tekno@yahoo.com

Geomagnetic Summary March 1 2012 through March 31 2012

Tabulated from email status daily.

| Date | Flux | A | K | Space Wx | | | | | |
|------|------|----|---|----------------|------|-----|----|---|-----------|
| 3/ 1 | 103 | 14 | 4 | no storms | 17 | 102 | 20 | 4 | minor |
| 2 | 108 | 10 | 2 | minor | 18 | 102 | 10 | 2 | no storms |
| 3 | 116 | 8 | 2 | no storms | 19 | 102 | 10 | 2 | no storms |
| 4 | 120 | 12 | 2 | minor | 20 | 100 | 4 | 2 | no storms |
| 5 | 132 | 8 | 3 | strong | 21 | 100 | 4 | 1 | no storms |
| 6 | 138 | 8 | 2 | minor | 22 | 102 | 6 | 3 | no storms |
| 7 | 136 | 44 | 3 | strong G2/S3* | 23 | 105 | 6 | 1 | minor |
| 8 | 140 | 24 | 4 | strong G1/S3* | 24 | 103 | 10 | 2 | no storms |
| 9 | 146 | 68 | 2 | strong G3/S3* | 25 | 101 | 4 | 0 | no storms |
| 10 | 149 | 18 | 3 | moderate G1/S2 | 26 | 102 | 4 | 1 | no storms |
| 11 | 131 | 8 | 3 | moderate S2* | 27 | 106 | 12 | 4 | no storms |
| 12 | 115 | 28 | 3 | moderate G2/S1 | 28 | 107 | 12 | 1 | no storms |
| 13 | 141 | 10 | 2 | moderate S2* | /29 | 112 | 4 | 2 | no storms |
| 14 | 119 | 8 | 2 | moderate S2* | /30 | 111 | 6 | 1 | no storms |
| 15 | 111 | 30 | 4 | moderate G2/S1 | 3/31 | 110 | 4 | 1 | no storms |
| 16 | 99 | 20 | 3 | no storms | | | | | |

* Geo storm (G)/Rad Storm (S)

The super special auroral conditions (3/7-3/15), which allowed many DXers to hear Latin American stations on frequencies usually dominated by domestics, were caused by exceptional solar activity. Things appear to have returned to "normal" now.

ARRL Hamfest Calendar

As you may know (and I can say this from experience-EiC), a Hamfest is a great place to find good deals on new and used receivers, wires and cables for antenna projects, and other hobby-related needs. The American Radio Relay League has a Web page to help you find a Hamfest near your home QTH or while you're traveling to other parts of the country. You can search by Zip Code, select from Hamfests within 25, 50, 100 and 250 miles of your home QTH, as well as city and state. (Searching by ARRL division and section is only for the Ham-savvy, hi.) To find a Hamfest in near your home QTH, visit <http://www.arrl.org/hamfests-and-conventions-calendar> and plug in your location or Zip Code. You'll be able to find upcoming Hamfests in your local area.

IRCA Facebook Page

The IRCA's Facebook page is now online! This is a new feature of IRCA, featuring photos of transmitter sites (many of which provided by our Chairman, John C. Johnson), members' shacks (your Editor-in-Chief included) and plenty of information. If you have a Facebook page, enter "International Radio Club of America" into your Facebook search engine, then click the "Like" icon. Many thanks to Mike Sanburn (KG6LJU) and John C. Johnson for setting this page up.

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 November through March, twice monthly from April to November) and in printed form 30 times a year (weekly November through March, monthly April to November). **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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|------------------------------|------|------|----------|
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| Australia/NZ/Japan (group 4) | \$10 | \$52 | \$57 |
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