



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

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DX WORLDWIDE EAST IS BACK! DXWWE fans can now breathe a sigh of relief (hopefully) as editor Jim Hall reports he is back in Pittsburgh and no longer subject to the hassles he had in Erie. Jim apologizes for the sporadic appearance of the column recently and promises to have the column back in these pages every issue (or close to it...). If you live in the Central or Eastern time zones and have heard some hot foreign DX lately, send it to Jim Hall, EDITOR, 240 Byron Avenue, Pittsburgh, PA 15237. Jim recommends putting the word editor after his name because there are two Jim Hall's at that address.

SEATTLE GETTOGETHER: If you live in the Northwest, don't forget the great groundhog's day gathering on February 1, 1986 at the home of Bruce and Evelyn Portzer, 6546 19th Avenue Northeast, Seattle. The festivities begin at 2 p.m. and last until the last person leaves. Bring potluck munchies (liquid or solid), veries, radios, and topics of conversation. Dinner will be pizza (or equivalent thereof), courtesy of the passed around hat. For more details call 206-522-2521.

FLASH TIPS: The latest Review of International Broadcasting reports WAGE-1200 in Leesburg, VA will begin operating on their new frequency December 2, 1985. Since it's now mid-January there's a good chance they've moved by now. The station had planned to go 24 hours after they moved (they were on until midnight on 1290), and would carry Larry King. Also in that issue of RIB, Venezuela is cracking down on stations that don't play enough Venezuelan music. Two stations (the article didn't say who) were suspended from operating for three days because they only played 47 percent Venezuelan artists. The minimum requirement is 50 percent. Meanwhile back on the western end of this continent, KARR-1460 in Kirkland, WA has left the air. They had been NSP for the last couple of years but consistently lost money. I always thought there were too many stations in this market.

ALMANAC UPDATE: At some point, Bill Hardy will be publishing an update to the IRCA Almanac. If you've found any additions, deletions, or changes which need to be made, send them to Bill at 2301 Pacific Avenue, Aberdeen, WA 98520.

GOODIE FACTORY: Do you know all you need to know about BCB DXing? If not you can increase your understanding of the hobby by reading past articles from DX Monitor. We have hundreds of them available from the IRCA Goodie Factory. To get a reprint list, send an SASE to the Goodie Factory at 1017 West Manhattan Drive, Tempe, AZ 85282.

We've got a really good issue this week, with a nice balance among the columns. Keep up the good work gang. Also, there are a couple of interesting features this time. Note the article of Cuban interference..73, bp.

EASTERN DX FORUM

RICHARD EVANS
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NORTH WALES, PA 19454

Deadlines: Saturdays. Anniversary issue: 3/8/86.
This column typed: 1/5/86.

Bill Townshend, 4500 Connecticut Ave., N.W., Apt. 901, Washington, DC 20008 202-966-8046. On Saturday 12/7, Greg Monti hosted a WADXA get-together at his Arlington, Va. pad, 2 km west of the Pentagon, with fourteen including Tom White and yours truly attending. Here is something for Bruce Portzer who ran a "Domestic Thingamajig Roundup" column in DXM several years ago. WILC-900 Laurel, Md. (ex-WLMD) is broadcasting in Spanish as of 12/17/85. The AdCon format went out, along with Pat O'Leary, the PD and midday man who played oldies on the last hour of his four-hour shift, and the rest of the staff. It is now known as radio Borinquen. It was bought from the Mid-America Corp. by Israel Lopez Corp. (whence the call letters) for 720 grand. Their s/off is bi-lingual, in English, then Spanish. I hear IRCAN Jim Wallace broadcast the 1800 news during the week on WWVA-1170 Wheeling, W.Va. Speaking of SS, the other such station in the Baltimore-Washington DC area is WMDO-1540 (ex-WDON) Wheaton, Md. and the SS TV station is a translator on channel 14 (W14AA), whose original broadcast comes from San Antonio, Texas and re-transmits from a tower on the American University campus (WAMU-FM-88.5 uses the same tower). I can see the tower, as well as the one used by WRC-TV and WKYS-FM, from my bedroom window, 3 km to the NE. KDKA-1020 Pittsburgh, Penn. is now a "senior citizen" as radio stations go, having turned 65 on 11/2 (it was on 11/2/20 that the station broadcasted the 1920 presidential election returns). WRC-980 (now WWRC) will attain senior citizen status in 1987. The old geezer on 1020 is a pest but has been "auroraed out" at times, especially in the fall of 1978, when I heard Cuba and Venezuela on that channel. Those two SS stations are the only two other stations heard on 1020. I never heard KBCQ in N.M. nor KTNQ in Calif. (like WILC, it is SS). With only three rigs, all by Radio Shack (DA-160, Patrolman SW-60, and Porta-vision-55), I now have access to the following frequency ranges: 150-400 kHz, 520 kHz-50 MHz, 58-216 MHz, and 450-890 MHz. Enough blab for now, so I'll s/off and see you in 14 or 21 or whenever. '73 and good DX in the new year.

Karl V. Jeter, 2115 Scarbrough Road, Stone Mountain, Georgia 30086
Greetings. I hope everyone had a safe and happy holiday season, and I thought I'd get the New Year off to the right start with a Forum. Since this column has been looking a little slim lately, maybe all of us East Coasters should do this! I strung up a new beverage antenna, to the south, a few weeks ago and have been having some fun logging some new Latins and Florida stations. The land directly behind our subdivision separates us from the main highway, and as this land fronts this highway (and this part of town is fast-developing) it won't be long before homes or apts. are built, and I'll lose my antenna farm! So I am enjoying it while I can...the land is currently for sale. According to the local papers, WJYA-1080 in Marietta will go silent tonight (New Year's Eve) and come back in a few weeks as a new urban-contemporary outlet. The same goes for its sister FM, WJYA-104.1. The station has been sold to Zapis Communications out of Cleveland. I was pleasantly surprised last week to receive two veries from Latin stations...HJKH-770 Bogota, Colombia and YSS-655 El Salvador both replied with nice, SS letters (had to get Linda to translate for me!). In the past few years I have had terrible luck in mailing reports to Central-and-South America, so this was encouraging. I am mailing one to K. Belen-1175 in Panama, a country that is notorious for its non-verifying, but this particular station has recently replied to Richard Wood in Hawaii, so maybe I'll get a reply too. I wonder if it would be wise to send reports to the two Nicaraguan stations I logged recently? I'm not sure they would even reply, or that the reports would make it there. As to the current controversy, I am in favor of leaving things the way they are, time-zone-usage-wise. Being primarily a domestic DXer, I have little use for GMT (and even when I do some foreign DX on BCB, GMT is of little use there, either). It just doesn't fit in with BCB DX at all...almost none of the BCB broadcasters, domestic or foreign, use it themselves, so why should we convert all of our submissions to DX Monitor to GMT? At the very least, maybe to foreign columns could use GMT

but certainly not EDXC, CDXR, and WDXR! One other consideration is that just as the old abbreviation system that was heavily used in IRCA and NRC may have made new members somewhat reluctant at first to send in contributions, (due to unfamiliarity with the myriad of abbreviations that were used) the use of GMT may have the same effect. Unless a DXer has already gotten used to it through SW DX, it can be a little confusing. I am not in favor of complicating things unnecessarily. Now off my soap-box and time to put this into the mailbox. 73's.

Ernest Cooper, 5 Anthony Street, Provincetown, Massachusetts 02657
617-487-9337. Delete from Larry King Network, p.88 in Almanac, WETT-1590. Only two BCB veries: WPCK-1290 on f/up on WIRK stationery (vague), and WZAP-690. Reports were sent out to WJRO-1590, WCBC-1270, WXAX-1170, WXXI-1370, WAVI-1380 and WICE-550. I certainly hope that UTC, or GMT, or Zulu, or whatever you want to call EST + 5 hours, is defeated! I can see no earthly reason for its use in domestic sections of DXM. We don't even have one active member in that time zone, for one thing. And we fought a war a couple hundred years ago to get free of England, so why should we now voluntarily revert to using her time? I only wish I had more than one ballot to cast against it! If I want to see UTC in the entire publication, then I'd join an European DX club. To Robert Wien: the call change by KDOT to KLZX was listed in DX News about three issues ago. (960) Their FM is KFMX. To Rob Kramer (in All da Rest), Frederickton, N.B. on 550 is CFNB, not CHNB. To JHD (12/7/85) issue), the 820 is CHAM, not CHAN, and is in Hamilton, not Burlington. I'd have to think it odd that CKLY-910 would carry an ad for a New York restaurant. With WSPR-1270 Mass. signing off promptly at 0100 daily, that channel has yielded up WORL & WCBC for reports, and I'm still working on more from WUCO. WENT, un., also comes in from time to time, along with CJCB and CFGT, and a Cuban Minute Man outlet. WXXI has finally squeezed thru WFEA-1370 for a report. On 1590, I've dug out a tentative logging and report on WJRO-Md. and on New Year's morning, I think WERA-N.J. was in there too, with 30's and 40's swing tunes and Mark Michael, deejay. Sunset DX has produced WXAX-1170 S.C. and WZAP-690, plus others not needed, but not heard very often, like WKNX-1210 for instance. WANN-1190. I was looking for other stations at the time. I'm lucky - the Canadians on 820-830-840 are very weak here - in fact, I'd like to log CHUR-840! I've heard 'em, but not well enough yet for a report. I, who do concert band and choral music, marches, and symphonic music on WOMR, today did the country-western show at 0900 on New Year's morning! I told the audience what was good for a big head--a big hat! Let's have a great 1986, gang, and lots of DX to all. Forward - March!

John H. Demmitt, Box A K0848, Bellefonte, Pennsylvania 16823

Another weather disturbance off the coast of Florida last night provided me with a lot of stations from Mexico and South America. It pays to watch the national weather map, as it will alert you to weather conditions that will assist you in knowing when to DX. It appears that WRSC has corrected their problem of dumping modulation on the frequencies of 1360 and 1420 kHz. Radio Paradise from St. Kitts is doing well on 825 kHz in the early night hours and this is a good time of the year to nail this one if you have not done so already. Happy DXing.

Jim Hall, 240 Byron Road, Pittsburgh, Pennsylvania 15237

If this reaches print before the next DXWW-E, please note that I am moving back to my old Pittsburgh address as listed above; and as of the end of 1985 you may resume sending DXWW-E reports to Pittsburgh. To the relief of DXWW-E enthusiasts, the change will allow columns to be on schedule with little or no delays. Sad to say, however, that I may be resigning, not by choice, by summer '86 -- that's if I'm selected for training by the FAA in Oklahoma City. Perhaps, if I am, (maximum length of training at the Oklahoma City facility shouldn't exceed 4 months) an interim editor can take over until I return for placement in the FAA Eastern Region where air traffic controllers are required. But as of now I have no intentions of giving up the column and do not project a major change for several months. In the meantime I'm excited that I will once again be able to report to the two eastern columns; DXing in Erie was both minimal and poor under the conditions I was in. While in Pittsburgh for the holidays I was able to accomplish some serious DXing. Best night was Christmas Eve when I heard Dominica for the first time. The 595 outlet was apparently on late for the occasion - stayed on til 0500z with Christmas music. I consider this a rare catch in Pittsburgh. I can't remember the last time it was reported in DXWW-E and it's the first this season, which makes me curious as to if it was really them or not. BUT, I did hear mentions of Dominica and I know of no other stations occupying the frequency, so it was not reported as tentative. To be absolutely sure I sent them a report. I hope they reply - I asked a lot from them, including names/address of people who

have sent them reports in the past (per a request on a recent DXM front cover). This is a good idea and I suggest that DXers seeking veries ask this of stations they write to. I'm very sad to see Peter V. Taylor's resignation - I certainly hope Richard E. Wood appoints a new editor for DXWW-II very shortly as it is an extremely useful column offering lots of valuable information to the global DXer. Mr. Taylor is to be congratulated for doing a professional job with DXWW-II and I hope his resigning doesn't bring a demise to this useful column. It's too bad the East Coast has lost Niel Kazaross's excellent DXing capability; I certainly hope he re-establishes himself as an ace DXer on the West Coast alike. But we on the East Coast still have some top-notch members keeping worldwide DX alive here. Enough said, I don't want to compete with Jaison's Journals. See you in DXM.



WESTERN DX FORUM



EDITOR: RIC HEALD
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1986 DEADLINES - WEEKLY ON TUESDAY

JIM HILLIKER, 1135 N. MAYFAIR AVE, ANAHEIM, CA 92801

Hi everyone. Hope you all had a good holiday season and that 1986 is treating you well so far. This is my last forum from Anaheim. I left for the Monterey/Salinas area on January 4th to stay at Laura's father's place, to look for work up here. Laura's store in Monterey opens in March and we should be settling into our place near Carmel Valley in February. I'm on a waiting list for the position with Monterey County 911 communications as an emergency dispatcher. So, I'm trying to line up interviews with broadcasting stations. I have a good shot at an interview at channel 46-KMST Monterey, so I'll keep you informed as I find out more. And when I have a new address I'll let everyone know. Mail to Anaheim will be forwarded in the meantime. I'm going to miss all my DX friends in southern California very, very much.

With all the preparations to move and the holidays, DX has been a bit on the slow side. November was fairly good with KABN 830 Alaska heard and WHBO 1040 Florida also heard. Those are my two best catches in a while. The rest were in WDXR. Total heard now stands at 563. Barely got the test from WSJC on 26 December - KGO is difficult to null, and I couldn't get rid of them completely.

On the time zone issue I say keep it the way it is, Eastern time for the domestic columns. I keep my logs in local time like Nancy Hardy, such as 5:30 PM. I can easily convert to the 24-hour clock in Eastern time in my head. The same goes for GMT. So, my feelings, leave it alone!

To Dr. Richard Wood: WFLA 970 might be a good idea for someone in the west for Florida, but not in southern California! There's too much QRM from KFWE 980, plus KVIM and KUZZ 970 to contend with in the Los Angeles area. Judging by the number of IRCA members that haven't heard WHBO lately, I'd say that would be the current best bet for Florida in the west. The only other one I've heard is WTAI 1560 and that depends on SR time, because KPMC signs on at 0700 Eastern time now.

On the problem of XETRA being off frequency 29 November, I heard from a local CE that it might have been a problem with their Kahn stereo generator causing them to drift off frequency. (Huh? Wouldn't their crystal for 690 be suspect first?-Rth.) Still haven't been able to find out which system KNWZ 1480 uses, but their stereo signal sounds good. Locally, KNRM 1370 is carrying Cal State Fullerton B&B and U.C. Irvine B&B is heard on KPZE 1190. During the fall, Cal State Fullerton FB was on KWOW 1600. Now, KWOW is carrying Cal State Long Beach B&B.

Thanks to Gary Larson and Steve Mittman for their recent phone calls. It was nice to talk to Don Erickson and Matthew Shugart so much in recent months also. Thanks to all your help and encouragement over the years, guys. The friendliness and helpfulness of the DX'ers are what makes IRCA such a great club.

Until next time, take care and 73.

ALBERT S. LOBEL, P.O. BOX 26762, SAN DIEGO, CA 92126 (619) 566-0092

The recent AM stereo list in DXM was very interesting and very useful to this

DX'er. I have an AM stereo receiver and have heard quite a few stations in AM stereo. The list only included stations in the US, however, there was a smaller list in DX News showing some of the C-QUAM stations in Canada, Australia, South Africa and Venezuela. It would be unlikely that a DX'er in the US or Canada would be able to log South Africa. A useful AM stereo list would be for stations in Mexico, where I know there are some AN stereo stations. In fact, XETRA 690 was one of the first stations in the world to broadcast in stereo and still does so with the Kahn system. AM stereo is one of the greatest things to happen to AM in a long, long time. It sounds as good as FM stereo with a good amplifier connected to the receiver. Even the Sony SRFA100 can sound good if connected to an amplifier and not just the small two-and-a-half-inch speakers in the system.

This WDXF reort is being written on 04 January 1986 before the first MM of '86. If any of you IRCAnS noticed my recent Muse in DXN you noticed that I made a New Year's resolution to get back into some serious DX. I plan on doing some this MM. As mentioned in that Muse I'll start my logs from the beginning again. There have been just too many changes in the AM band since I last seriously DX'ed. Those of you who know me and know I'm a long-time DX'er bear with me until I re-establish my logs.

Prepaid phone calls between the hours of 2000 and 2200 my local time are more than welcomed. You'll get the answering machine as the above line is business but does ring at the house. I'll intercept your call if you mention you are a DX'er - provided, of course, that I'm home. If I don't intercept your call you may leave me with up to a 30-second message. You may leave me your number but don't expect me to return the call.=

73 and good DX in '86 de ASL.

(And now ladies and gentlemen, and others, due to a steadily decreasing number of requests, namely zero, WDXF is proud as a turkey the day before Thanksgiving, to present the star of stage, screen, radio, television, bar mitzvahs, weddings and Scandinavian road tours. . .JAISUN'S JOURNALS!)

JEF JAISUN, P.O. BOX 92, BOTHELL, WA 98041 JJI

Well, hello there boys and girls. I'll bet you thought I'd forgotten about you and WDXF. Or at least dropped off the end of Denmark somewhere. Not true. I'm out here being bombarded by spurious transmissions just like the rest of you. In a nutshell (or, How I Spent My Summer Vacation and Then Some, hi): The Zucchini Farm is history (Oh dang! I was about to place an order, hi-Rth.) and so is the landlord; I left a good chunk of bp's Beverage wire in and amongst the blackberry bushes (he sees it as planned obsolescence, hi); I spent most of six months in Europe without a radio (!), so aside from some ultra-TVI'ed cheapo table receiver work in April and May, not much listening was done. I must admit though, that BCB DX in Europe, even with a crummy radio, can be fascinating. . .especially for a guy like me who's got a few different languages under his belt (although fer shure I don't have REW's multi-lingual chops).

I just love the way AFRTS puts a pile of ten-gallon repeaters on frequencies that the USSR peppers with 150 kw blasters. I DX'ed a Mariners-Angels game one night over AFRS 1073 (I think). . .by the time I tuned in it was 10-1 Angels, sigh. But when the bells go off I'm not sure if they're tallying the runs or it's Midnight in Moscow, hi. I sent bp a couple pages of my loggings, but I guess they didn't make it into DXM. Maybe I can dig out my notes and put something together for a future issue.

Actually, I was hoping to be back in Europe for a real DX season. A new album I did in Denmark this summer was supposed to have a promo tour set up for November and December. I mean, that's the time I do visit my friends in Skagen, a little town at the very top of the country where the land runs right off into the huge channel between Denmark and Norge (see enclosed map, hi). Can you imagine a Beverage of, say, 2,000 feet terminated at the shoreline and pointing right at the Pole? Slurp, drool. Alas, the booking agent couldn't get the tour together, and now he's talking about April. So much for hearing KGO from Scandinavia.

Speaking of KGO, the inevitable finally happened. At 0530 PST 10 December I was minding my own business listening to the KGO morning news block when it was literally thrash-blasted out of existence by "The New Quinn--KQIN 820," Burien (read "lower Seattle") Washington. Some dork signed on with an ingratiating happy-face line like, "This is KQIN Burien, with 5,000 watts before the sun comes up, and 50,000 after that. . .because we like you." GARF! (He must've trained at the Podunk U. of Radio and Syrup Poisoning, hi-Rth.) Strangle me with an RS 232 interface cord! Whoever it was that recently tabbed them as "corporate rock" in WDXF hit the nail on the head. They play without a doubt, the most pathetic blend of 25-45 demo-group soft rock I've ever heard. This format is on a station whose call letters are incorrect. They should apply for a variance so they can claim the more appropriate WIMP.

Needless to say, the advent of KQIN's full-timing robs the Seattle area of the only fulltime news/talk station north of L.A. (Puqulease. . .KIRD and KING are not KGO.) I've managed to null KQIN at times with a Wedge loop, but the co-channel slop is usually too much to handle. I did notice, however, that out near my old QTH northeast of Seattle, KGO did just fine on the truck radio

without much trace of KGIN. At the moment, though, I reside in north Seattle, directly in the path, as it were. Not much hope here. Spoke with Michael Luckoff (GM at KGO) on the phone last week and he said he was "deeply disappointed" about losing Seattle's listeners, but he mentioned that a station in Grass Valley, California (KNCO just moved to 830) has wiped them out in the Sacramento area as well. (B.S.!! What are the Sac. complainers listening on, their fillings? My gutless car radio is set to KGO - loud and interference free-Rth.) We both cursed the FCC under our collective breath. This may all be academic from my standpoint, however. I'm contemplating a move back to the Bay Area in the very near future. It's either that or Europe. In which case, KGO will either be a local or audible only on a 2,000-foot Beverage from Skagen, Denmark in the dead of winter. (Let's see. . .will I be able to null out the NWT and Yukon, hi.) (If you dare, if you haven't gone to sleep by now, Jaisun's Journal will return next week-Rth.)

RIC HEALD, 8539 BELLAMY WAY, SACRAMENTO, CA 95828 Tele-Forum: (916) 386-8677 to 2200 PLT & pnd

Greetings and all that! Jaisun, sounds like it's time, once again, to get friendly with the overnight bunch at KGO, and with Tallifiorro that could be interesting (hi) and push the Wedge loop plans again. Either Luckoff has gotten letters from some really dumb people, or they're a lot closer to Grass Valley than Sacramento, but believe me, KNCO at night is NOTHING, compared to KGO. Even in Eureka, three times the distance from KGO as Sacramento, KGO did well 24 hours a day, and daytime that was one-and-a-half miles from 5 kw KEKA 790. With only a windshield antenna in my car picking up all the noise from my non-resistance spark plugs (old, too, hi), KGO is local-like here in Sacramento midday. I also hear the "yet-another-needless-metro-Seattle-fulltimer" KGIN at night without KGO or KNCO GRM.

Meant to get to this before, but thanks to Gary Larson and Gary Parton for your phone calls on Christmas Eve. Parton mentioned about helping to put on a Sacto. GTG in the future. Thanks for your offer, Gary, and here goes Heald the Organizer again, hi. Ten years ago I brought you Bay Area Radio Freaks. Then three years ago it was Humboldt/Eureka/Arcata Verification Express Society. Now then, I've been struggling for a name for the capital city such as Valley's omnipresent Interested DX'ers or Capitol's Radio Universal DX'ers. Anything else wouldn't be acceptable in this publication, hi. Kippel, where are you when I need you?-Rth. Anyway, look for something here in Sacramento this coming spring.

Finally drew blood on the MYOL-ish on 1270 (had previously ID'ed KCOK), in the form of KWTR (K-Water) Lakeport. Should be able to hear KFLY daytime, only 120 miles, but just KWTR and KCOK. Finally nailed an ID from KHOT 1250, not that far, but considering the local GRM from eight miles away on 1240, I was lucky to get KHOT while KSAC was busy with voice modulation. Heard a rocker way under KHOT which I presume to be KLLK.

Speaking of KSAC: The difference between water path and land path is enormous. In Eureka, I was eight miles from KATA 1340, seven of those miles consisted of Humboldt Bay. And they drop to 250 watts at night. If KSRO 1350 was off, I heard nothing on 1350 and only a weak KFAC/KUPL on 1330. Same distance here from KSAC, and 1 kw fulltime, but have no trouble hearing 1230 and 1250 at night, and can even put a healthy null on KSAC.

Ah yes, in closing, Sac. is Kaskey's old stompin' grounds and he mentioned years ago that KWUN 1480 Concord, just 45 miles away was impossible (they send less than 25 watts this direction from their five towers). Hey Kaskey, you weren't south enough here. KWUN has a beautiful signal here midday, albeit fighting KYOS all the way.

See y'all in 7 and 73 de Rth. .

RAMADIAN KORNER! Knews From "The Frozen North" Happy New Year!

- 560 BC CBTK Prince Rupert will part-twin CPTK-590 Terrace(twin is CATK-1250).
- 610 BC CCJF Trail ID: Kootenay Broadcasting Service
- 740 NF CBWB St. Fintan's lprt is CFP. CBC service now via CENL-FM.
- 740 NF CBNW Marystown is OFF as of Oct. 31. CBC told CRTC re public notice #1985-250
- 840 BC CBKX 100 Mile House granted CP(ex 1240) & 500w. nights.
- 870 BC CFBV Smithers granted CP(ex 1250) & 500w. nights.
- 850 NF CBYO again denied freq. switch with 560-CBCH.
- 1210 AB CB.. Elk Island National Park 20w. UL TIS in French.
- 1230 BC CB.. Yoho National Park 20w. UL TIS in French.
- 1250 BC CFBV Smithers moves to 870.
- 1240 BC CBKX 100 Mile House moves to 840.
- 1340 NF CFBG Goose Bay(Happy Valley) is off! See 740(CBNW). Same notice. Both 740 & 1340 are now on FM only. Will the locals miss them?



Eastern DX Roundup Karl J. Zuk, 154 Old Post Road North, Croton-on-Hudson, New York 10520

Reporters in this week's issue:

- (JHD-PA) John H. Demmitt, K0848, Box A, Bellefonte, PA 16823...Sony ICF-S5W
(JH-PA) Jim Hall, 2687 Myrtle, Erie, PA 16508...Dxing at The Erie International Airport, at work, on a Delco/GM car radio.
(KJV-GA) Karl V. Jeter, 2115 Scarbrough Road, Stone Mountain, GA 30088
HQ-150, TRF, assorted beverages.
(RCR-PA) Robert C. Ritchey, R.D.#1, Box 738, East Freedom, PA 16637...DX-160, 150 foot longwire.
(WW-MA) William Wyllie, 95 Peck Street, Franklin, MA 02038...Sharp GF-450

530 UNID 11-15 1725 Unid TIS with calls "CFY" and "....International Airport Information Radio, provided by Transport Canada" by man. Tape loop giving traffic/airline info, occasionally squelching interference from nearby ILS facility on Erie's field and Canadian beacon interference. I need help Cnadian members, never good enough to copy ID and I don't have any of my materials here in Erie to check this one. (JH-PA)
540 CBEF ON, Windsor. 11-15 1735 Killing CJSB, Ottawa, ON, with production in French. CJSB dominates Pittsburgh 99% of the time. (JH-PA)
540 WDMV MD, Pocomoke City. 12-11 1740 Music "Jingle Bell Rock" and ID "All Hit Country WDMV" by female, weather and local ads, good to very good. (RCR-PA)
600 WOKV FL, Jacksonville. 12-18 1724 ID "This is Talkradio 60 WOKV Jacksonville, "local ads, good. (RCR-PA)
610 KCTB ON, St.Catherine's 11-15 1745 with snow hazard warnings and pop music, peaking over mess. (JH-PA)
620 WTMJ WI, Milwaukee. 12-16 0652 Good with male DJ giving ID with ticket promotion, unusually very good this morning. (JHD-PA)
650 WSM TN, Nashville. 12-21 0906 ID "650-WSM Nashville," weather, C&W records, ID,very good. (JHD-PA)
710 CJRN ON, Niagara Falls. 12-17 0710 Good, with Bob sitting in for Rick as DJ this morning. ID and ad for Maple Leaf Village, Letters to Santa. In with WOR, New York, NY and CKVM, Ville-Marie, PQ. (JHD-PA)
720 WMYX GA, Hogansville, 12-28 1730 Sign off by man, no SSB, Fair, (RCR-PA)
740 WMBL NC, Morehead City. 12-29 1700 Sign off by man, no SSB, fair over/under CBL, Toronto,ON. (RCR-PA)
740 CBL ON, Toronto. 12-21 1257 Fair with Christmas wishes to listeners, special time signal and news. (JHD-PA)
750 WSB GA, Atlanta. 12-23 0118 Noted off. (KJV-GA)
750 WBMD MD, Baltimore. 12-22 0715 Fair with DJ signing on and saying "Good Morning" and giving call and location. Pentecostal Church broadcast followed. (JHD-PA)
770 WJMW AL, Athens. 12-29 1744 with music by James Taylor, ID by man, into C&W music. Good over/under WABC New York, NY. (RCR-PA)
780 WHCH NC, Forest City. 12-29 1715 Sign off by man, no SSB, under WBBM, Chicago,IL. Ex-WBBO. (RCR-PA)
780 WABS VA, Arlington. 12-20 0730 Good with ID and ad for Christian Book Store in Clinton, MD. National Church of God with Rev.Mowery gave Christmas message. (JHD-PA)
790 WAKY KY, Louisville. 12-129 1702 ID "79-AKY", into oldies rock music. Good to very good.(RCR)
790 CKSO ON, Sudbury. 12-26 2100 with ID, news and music. ID "790 CKSO Music Radio". (JHD-PA)
820 CHAM ON, Hamilton. 12-23 0700 Good with news. (JHD-PA)
820 WBAP TX, Fort Worth. 12-22 1925 Good with Miller Brewery ad, ID, sports. (JHD-PA)+ 12-20 0720 Fair with sports show, Computerland ad, ID "WBAP-820", traffic report, weather, record. (JHD-PA)
830 WCCO MN, Minneapolis. 12-22 2104 Extremely weak with interference from R.Belize..(JHD-PA)
850 KQVL PQ, Verdun. 12-23 0704 Good in French with news , sports and ID, weather. (JHD-PA)
890 WLS IL, Chicago. 12-23 0155 Noted off. (KJV-GA)
910 CKLY ON, Lindsay. 12-18 2151 Fair to poor signal, ID"Merry Christmas, Radio 9-10 CKLY, Lindsay." (WW-MA)
930 WSEV TN, Sevierville. 12-13 1745 Sign off by man, SSB, fair over WBBN, Buffalo, NY. (RCR-PA)
950 WJPC IL, Chicago. 12-30 0355 with Cancer PSA and PSA for "United Black Farmers," with urban contemporary format. (KJV-GA)
950 WPEN PA, Philadelphia. 12-25 0730 Fair with history of Christmas, weather, and news briefs. (JHD-PA)
950 CKNB NB, Campbellton. 12-18 1734 Over/under WPEN, Philadelphia, PA, with rock song and ID as "95 CKNB." (WW-MA)
960 WELI CT, New Haven. 12-22 2214 Poor with snowblower ad, records, over/under lots of stations. (JHD-PA)
970 CBZ NB, Frederickton. 12-18 1747 CBC network with weak signal behind WYNZ, Portland, ME.(WW-MA)
980 WILK PA, Wilkes-Barre. 12-28 0922 Fair with male DJ announcing that station will sign on at 7 am on Monday. No adjacent channel interference from WBLE, 970 kHz, Bellefonte, PA.(JHD)
980 WWRG DC, Washington. 12-25 0719 Poor with ID as "WRC", record and talk on Steve Allen. (JHD-PA)
990 WVSC PA, Somerset. 12-29 0841 Fair with record skipping, ad for Medical Alert Emergency System, ID. (JHD-PA)
1000 WIQT NY, Horseheads. 12-26 0730 Sign on with first half missing, news from NY and PA, interference from WCFL, Chicago,IL. (JHD-PA)

EASTERN DX ROUNDUP CONTINUES

MORE EASTERN DX ROUNDUP!

- 050 CFYN ON, Sault Saint Marie. 12-27 1642 Rock music, ID "1050 CFYN," weather, good. (RCR-PA)
 060 CJRP QC, Quebec. 12-26 0823 Fair with ID and "Here Comes Santa Claus" record. (JHD-PA)
 060 WBMB MI, West Branch. 12-27 1700 Sign off by man, fair. (RCR-PA)
 070 WINA VA, Charlottesville. 12-25 0707 Poor with news and ID, ads for Sperry Rand and Pepsi. Christmas greetings from the WINA staff. (JHD-PA)
 080 KRLD TX, Dallas. 12-20 0654 Fair with promo for football game, ID, sports, Black and Decker ad, ID "KRLD 1080 News," Interference from WTIC, Hartford, CT. (JHD-PA)
 080 WFIV FL, Kissimmee. 12-26 1725 C&W music, ID "WFIV Kissimmee-Orlando." Sign off by man, good at first, lost to WTIC, Hartford, CT and SS station. (RCR-PA)
 180 WFKB KY, Florence. 12-19 1633 Ad for Chrysler, musical ID into music, very good. (RCR-PA)
 180 WFGN SC, Gaffney. 12-18 1630 ID "1180 WFGN Gaffney" into local ad, letters to Santa, fair to good over/under WHAM, Rochester, NY. (RCR-PA)
 200 WAGE VA, Leesburg. 12-16 0651 Good with record, PSA, weather. (JHD-PA) + 12-23 0651 with trivia game, questions on Christmas music, etc. (JHD-PA)
 200 WOAI TX, San Antonio. 12-22 2150 Good with sports, Miller Beer ad, ID. (JHD-PA) + 12-17 0650 with cattle and agricultural reports by county, in with WAGA, Leesburg, VA. (JHD-PA)
 220 WGNV NY, Newburgh. 12-23 0732 Good with ad for tires and Cornell Jewelers, ID nad news. (JHD)
 240 WENK TN, Union City. 12-30 0120 with weather and CHR music. (KVJ-GA)
 260 WMDG DC, Washington. 12-17 0635 Fair with news and weather, in null of WPHB, Philipsburg, PA. (JHD-PA)
 350 CKAR ON, Oshawa. 12-13 1735 with weather, ID "1350 CKAR, " into Kenny Rogers-Dolly Parton record. Fair to good. (RCR-PA)
 350 WXCL IL, Peoria. 12-30 0309 with slogan "WXCL plays the country's best music," country music, 0336 weather and ad for market. (KVJ-GA)
 350 KRNT IA, Des Moines. 12-30 0315 Adcon music and ad for "Best Newstip", wins a big \$13.50! ID as "1350-KRNT." (KVJ-GA)
 360 WIXZ PA, McKeesport. 12-15 0500 One of my Pittsburgh favorites with "Wick-Z Country" IDs and excellent C&W music. (JH-PA) + 12-21 0806 Poor with very strong adjacent from WRSC, 1390 kHz, State College, PA. (JHD-PA)
 1370 KFJM ND, Grand Forks. 12-16 0109-0135 Tentative test heard with various tones, but no IDs, thought I heard a male chorus version of "America The Beautiful," at about 0123. (KVJ)
 1380 WTVR VA, Richmond. 12-28 0842 Fair with ID "1380", records, and ad for Wolf Furniture. (JHD-PA)
 1390 WRSC PA, State College. 12-21 0756 12-21 0756 Intermittent audio with modulation products showing up on 1360 and 1420 kHz. Excellent. (JHD-PA)
 1400 WROZ IN, Evansville. 12-30 0144 with country music and ID with jingle. (KVJ-GA)
 1420 WCED PA, DuBois. (no date) 0753 Fair with ID and temp, interference from WRSC, State College. PA, interfering with a normally very strong signal. (JHD-PA)
 1450 UNID 12-30 0251-0300 Newscast in Spanish, read R.Rejoi style, with time pips and pips between news items, any ideas? WOCN, Miami, FL?(KVJ-GA)(Are you sure this is a domestic?-kz)
 1450 WMFJ FL, Daytona Beach. 12-23 0103 Sign off, mention of "Sunshine Radio", religious format. (KVJ-GA)
 1450 WSPB FL, Sarasota. 12-30 0300 with ID "A 24 hour broadcast service of Weeks Broadcasting." CBS news. (KVJ-GA)
 1470 WRBD FL, Pompano Beach, 12-23 0624 with urban contemp. format, DJ Larry Alexander and slogan "Where the music is best." (KVJ-GA)
 1480 WLEA NY, Hornell. 12-21 0745 Good with ID "WLEA" by man. Christmas song by Perry Como, some fades with slight interference. (JHD-PA)
 1480 WHBC OH, Canton. 12-20 0750 Fair with ID, station contest for a snowblower, "Jingle Bell Rock." (JHD-PA)
 1500 WLTA GA, Clarkesville. 12-17 1729 Sign off by man, mention of 5000 watts, "This is WLTA, Clarkesville, GA 1500." No SSB heard, fair to poor under WTOP, Washington, DC. Ex-WIAP. (RCR-PA)
 1570 WYTI VA, Rocky Mount. 12-22 1800 Sign off by man, no SSB, poor to nil, (RCR-PA)
 1580 WPGC MD, Morningside. 12-21 0714 Male ID "WPGC Morningside," and song "Midnight At The Oasis." (JHD-PA)
 1580 WVKO OH, Columbus. 12-21 0713 Poor with weather and ID. Behind an unmodulated carrier. (JHD-PA)
 1590 WGGO NY, Salamanca. 12-25 0745 Poor with ID and ad for Sears and a Jewelers. Christmas songs. (JHD-PA)

That's all for this week! Thanks to all for a nice turnout. Closed circuit to JHD, I live in the 50 kilovolt (sic) contour of WOR on 710 kHz, guess what I get on that frequency? If you are interested, I intend to feature a picture a week of our DXers, just send them with your reports! 2x2 inches maximum, black and white preferable... very clear! Good DX and watch out for cats!kz

1490 CN CECA Arnprior is on (MS-HRC) twinning CKOB-1400 Renfrew. "Ottawa Valley Radio"
 1490 EC CB.. TIS in English at Yoho Nat. Park...another easy one! 20w. U1
 1540 AB CB.. TIS in English at Elk Island Nat. Pk. 20w. U1...just east of Edmonton.

Not much happening 'way up here, but we must keep the rumors flowing.

NEL Toronto Maple Leafs: CJCL-1430 Toronto, CKBB/CKCB 950/1400 Barrie/Collingwood, CFTF-830 Brockville, CHUC-1450 Port Hope, CJNR/CKNR/CKNS 750/1340/930 Blind River/Elliott Lake/Espanola.

Stuff: CJCD-1240 Yellowknife gets a twin, but aaah, it's on FM at Hay River. Westcom Radio Group bought CFGH-1320/CILQ-FM. These are the nice people who bring you stuff like: CKIN/CFMI, CECR, CJOE/CKIS, CEBL/CKDG, & the NEL Canucks.

WESTERN

DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

All times are
Eastern Local

Phone for hot WDYR tips: (206)532-6827 till 10pm(PT)

DEADLINES: Tuesdays thru March 18

REPORTERS FOR THIS ISSUE:

- (CBC) Chris Campbell-4037 SE 11 St.-Renton, WA 98058
Sanyo MG-27 walkman AM-FM
- (TRH) Tim Hall-350 G. St. F-1-Chula Vista, CA 92010
Sony ICF-2010, Radio West loop
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
FRG-7, Radio West loop
- (EH) Ed Hoffman-P.O. Box 125-Burlington, WA 98233
Kenwood R-1000, 2' box loop
- (PT) Pete Taylor-DX'ing at Tacoma, WA
ICF-2001
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2
- (KAZ) Neil Kazaross-17045 Capilla Pl.-San Diego, CA 92127
R70, Sanserino loop, 270' directional LW around backyard,
MWDY3 phasing unit & APT2 tuner/amp.

OF SPECIAL INTEREST:

- 1030 KGUS AZ, Florence new station noted 12/31 2352 w/C&W mx, OM DJ, Ai nx on the hour, and then a report from the "KGUS weather computer" (which is probably a desk-top weatheradio, hi). ID "At the weather station, KGUS." New, AZ #44. (TRH-CA)
- 1230 KESE AZ, Bisbee poor in KSON null 1/2 0855-0901 w/C&W mx and "Thursday Edition" newscast at 0900. Ex-KSUN. New, AZ #46. (TRH)
- 1560 KARP WA, Sumner-Tacoma 12/23 1200-1300 straight Christian mx, 1300 ID "Tell your friends," Christian mx all day long. Not too strong in Tacoma. (PT-WA)
- *****
- 530 WNAG556 CA, Coronado only operating occasionally, mostly noted around holiday weeks. According to a recent anncet, station has moved and is now located at the Harbormaster's Office, 1917 Strand Way, 92118. (TRH-CA)
- KNEZ393 WA, Bellevue first heard 12/24 1200 & several times since. No sign of Tacoma. (PT-WA)
- 550 KMVI HI, Wailuku 12/22 0559 way o/KOY, KAFY w/Mutual net promos, booming ID by OM into Mutual nx. GREAT cx to Hawaii lately. (TRH-CA)
- 570 *KVI* WA, Seattle 12/16 0452 noted on rare ET w/TT, OC. (EH-WA)
CKWL BC, Williams Lake 12/16 0503 fair u/KVI OC w/"Cariboo Radio" IDs into rock songs. (EH-WA)
- 580 KRSA AK, Petersburg 1/6 1040 very good w/wx, ID, business report. (EH)
- 590 KSSK HI, Honolulu poor w/KFYM 12/22 0604-0646 w/holiday songs, lots of "K-59" slogans and GMT-10 TCs, into nx of Hawaii & the nation. DJ and newsreader both were YLs. New, HI#14. (TRH-CA)
- 620 KIPA HI, Hilo 12/22 poor u/KTAR 0449 w/NEC Talknet (Meltzer), to s/off around 0500. (TRH-CA)
+1/6 0407 good w/jazz mx, ads. KGW nulled. (EH-WA)
- 630 KHOW CO, Denver 12/27 fair w/KFI-640 slop nulled 1904 w/traffic and "K-How" slogan. (KAZ-CA)
- KOH NV, Reno 12/20 0325-0400 fair u/KHOW & KIDO w/ABC Talkradio, promos for Utah Wolfpack Football, and slogan "Your CBS News Station for Northern Nevada, this is KOH." CBS nx 0400. Seldom heard here, as KHOW dominates at SR, SS, and KIDO is on top in the middle of the night. (TRH-CA)
- 670 KPUA HI, Hilo 1/5 1025 fair w/ads, GNN sports. KBOI nulled. (EH-WA)
+1/6 0049 ID between oldie songs, good in KBOI null. (NH-WA)
(KBOI) ID, Boise 12/30 0206 totally off. (RW-CA)
- 690 CBU BC, Vancouver 12/8 0200 poor, poking thru XETRA phase null w/"This is CBC Radio" ID and CBC mx jingle. Not possible on loop since CBU is north while XETRA is south. (KAZ-CA)
- 710 (KMPC) CA, Los Angeles regular SP 12/30 0314, leaving R. Rebelde (not Progreso) in the clear w/usual programming. Any Calif. DXers looking for Cuba, this is probably your best shot at the moment. (TRH-CA)
- 730 KULE WA, Ephrata 12/31 1016 xlint w/jingle ID, rock mx. CKLG null. (EH-WA)

730 *CKLG* BC, Vancouver 1/6 0552 noted ET'ing w/TT. (EH-WA)

750 KXL OR, Portland 12/19 TC ID at 1114 after mx, then wx. Poor & inaudible without reducing local KFMB-760 slop by phasing. (KAZ-CA)

760 CKQR BC, Castlegar 12/8 0247 poor to fair w/T-40 mx and "QR-760" ID u/phase null of local KFMB talkshow. No trace on loop. (KAZ)

780?*KAZM*? AZ, Sedona presumed the strong tester here looping east 12/27 0157 o/KROW & WBEM. Note that this would be before midnight MST. This station has been giving KROW a run for its money lately, especially when KROW airs basketball games. (TRH-CA)

WBEM IL, Chicago 12/27 0200 fair in KROW null during presumed KAZM test. Christmas greetings from news staff, then into newscast. Not often heard w/such readable signals. (TRH-CA)

800 ?KHIS? CA, Bakersfield presumed the one heard w/very weak signal 1/1 1745-1815. Program seemed to be nonstop light Christian vocals. Locals XEMMM-800, XEC-1310, and XEXX-1420 were noted OFF, and XERCN-1470 had OC, from 1650 1/1. All four stations signed on at their normal times the next morning. (TRH-CA)

KFRZ UT, Brigham City 1/1 1856 poor, ID on the hour, Ai mx w/Johnny Holiday sports. Finally got this call change, ex-KBUH. XEMMM off. (TRH-CA)

CKOK BC, Penticton 12/8 very good w/XEROK phased & XEMMM off. Okanagan Radio net ID ment. all stns on net 0443. (KAZ-CA)

810 KDBL CO, Rifle 12/28 1844 poor w/s/off w/ID & 1000 watts ment. w/local XEMMM-800 slop nulled and KGO partially looped by this loop positioning. Prev. strong KAFE had either s/off or gone PSSA earlier as they were in well at 1833 check. (KAZ-CA)

820 KQIN WA, Burien-Seattle 12/19 1106-1110 fair w/pop mx & ID, w/bad TVI phased. (KAZ-CA)

850 KHLO HI, Hilo noted equal to KOA 12/28 0358 w/YL ID into lite rock. Hawaiians are booming in lately. (TRH-CA)

890 KDXU UT, St. George-NY, Las Vegas 12/2 1300+ noted midday, weak but steady & readable, w/AdCon mx and ID on the hour. Pretty good midday conditions this week. (TRH-CA)

+Gets out very well. Has been audible daytimes when ever I've checked and local noise level has been down, w/poor to fair sig. Great at night & makes WLS tough. Has had MM SP the two times I've checked. (KAZ-CA)

(KDXU)+Off 12/23 0437. Some TT's heard. HCRS6 Machala in well, and WLS noted later at 0608. Still some DX left on this channel, hi. (TRH)

+12/25 0428 totally off on a weekday, WLS in w/traditional Xmas mx, no rr Xmas mx! (RW-CA)

910 KFYI AZ, Phoenix 12/27 1858 fair u/local KMJC w/sports, ID, and "call 236-KFYI." Ex-KJJJ. (KAZ-CA)

930 KFLG AZ, Flagstaff 12/18 1847 fair to good w/KHJ, w/"K-Flag" ID, local ads. (KAZ-CA)

+12/22 0809-0830 great signal, actually o/KHJ at times. Mixed bag format, some rock, a few Christmas tunes individually sponsored by local businesses, and MANHATTAN TRANSFER! (YEA!). Several IDs, and lots of hype about their FULL SERVICE WEATHER! Stn was REALLY loud, suspect they were on day power rather than PSA. (TRH-CA)

KSEI ID, Pocatello 12/9 0437 in u/KHJ OC w/numerous local ads, then "Turn, Turn, Turn" by The Byrds. (KAZ-CA)

950 KMTX MT, Helena 12/26 0540 good w/MOR-EZL mx, ID. KJR null. (EH-WA)

KJR WA, Seattle 12/15 poor thru phased XEGM w/95-KJR ID 2015. Also in again fair o/one other w/local XEGM phased 12/28 2016 w/95-KJR ID. (KAZ-CA)

970 KYTE OR, Portland poor o/u XEJ 12/29 0357. MYL mx, ID "...and Music-of-Your-Life, the perfect combination, on KYTE, Portland," into CBS nx. New, OR #12. (TRH-CA)

980 KFWJ AZ, Lake Havasu City 12/27 1930 very good w/KFWB nulled w/s/off, "Great 98" slogan. (KAZ-CA)

?KINS? CA, Eureka 12/19 1943 possibly them w/ads mentioning Hwy. 101, u/KFWB, KEAP, XEKE, KSVC. (TRH-CA)

KEAP CA, Fresno 12/19 2000 poor u/KFWB, XEKE w/s/off, SSB. New. (TRH)

KVLV NV, Fallon 12/7 1848 good o/KFWB w/ad for "Fallon Theatre in downtown Fallon." (KAZ-CA)

KSVC UT, Richfield 12/19 1841 good w/KFWB nulled, w/ads, wx, ID, then C&W mx. (KAZ-CA)

1000 KRHS AZ, Bullhead City 12/27 1924 presumed the one w/Bullhead City ad o/weak SS QRM, thru phase null of local KML0. (KAZ-CA)

- 1000 KMLD CA, Vista still using these calls, despite listed change to KKOS in NRC bulletin. Have tried calling stn for info, but no answer. KKOS-FM is in nearby Carlsbad, AdCon format I believe, and fairly popular in the North County. KMLD's format has gradually drifted from MYL to MOR, and I wouldn't be surprised if they ended up AdCon like the FM. This stn also enjoyed a BIG wave of popularity a few years ago as San Diego's 1st MYL-type stn, only to have its thunder (i.e. RATINGS) stolen by KPQP a while later. Note that there is now a move by stns in the North County to distinguish themselves from San Diego. These stns used to "cling" to San Diego, but the recent population boom in the North County now makes that unnecessary. (TRH-CA)
- KKIM NM, Albuquerque 12/7 1853 good w/local KMLD phased. ID then mx. (KAZ-CA)
- 1020 KDKA PA, Pittsburgh 12/9 poor but clear w/KTNQ phase null (null quite unstable due to groundwave/skip mix) w/ID after talk 0315. QRM'ed by KBCQ & occ. an unID SS-LA. I don't think KDKA is too common in S. Cal anymore is it?? (KAZ-CA)
- 1030 WBZ MA, Boston 12/9 0404 very good w/IDs, nx, then talk show, w/KTWO off and KHWY nulled. (KAZ-CA)
- 1050 KTBA AZ, Tuba City 12/28 very good w/XED nulled w/legal ID 1900 & ment. of "Radio with a life changing message" after relig. program. (KAZ-CA)
- 1090 KNCR CA, Fortuna 12/28 fair after pop song w/North Coast 1090 ID, KNCR SID, and ment. of Redwood Coast 1904. Even w/XEPRS w/XEPRS phased. No trace on loop. (KAZ-CA)
- KANN UT, Ogden very good w/"KANN Ogden" ID 12/28 1853, w/local super-power XEPRS phased. Was xInt w/almost no trace of XEPRS at 1855 w/relig. mx. (KAZ-CA)
- 1110 KRCX CA, Roseville 12/7 good, mixed w/KRLA w/SS R. Capital ID 1903. (KAZ-CA)
- 1180 WHAM NY, Rochester 12/9 good w/SID after NEC nx 0307, into Larry King. (KAZ-CA)
- +12/9 0333 noted in passing w/ID, Best of King. (EH-WA)
- 1210 "KDFK" CA, (southern Calif. pirate) 12/8 ID as "This is KDFK, Southern California" heard poor thru others and KRSV's het, 0425. Are those bad boys at KDNF on w/new call? I thought they were busted. (KAZ-CA)
- KASY WA, Auburn 12/19 0237 poor to fair w/KRSV's low het notched, w/ID then pop mx. (KAZ-CA)
- KREW WA, Sunnyside 12/19 first noted at 1056 and hung around till 1205 when finally faded away. Good sig. lots of local ads, mx. CBS nx at 1200. O/others which were u/at times. (KAZ-CA)
- KLDI WY, Laramie 12/19 fair w/growl o/others s/0206 s/off ment. power as 10/1kw. (KAZ-CA, DX'ing the West Coast's new GY freq. of 1210)
- +12/30 0122 fair o/KASY/KSRV w/ID. (RW-CA)
- 1220 KLIP CA, Fowler 12/15 PSSA on top of KDFC's weaker & only occ. audible PSSA w/XEB in poorly, 2025-2101 s/off. Fresno ads, ads for Lipsinc contest! Disco, pop, T40 mx. (KAZ-CA)
- 1250 KUUX AZ, Wickenburg 12/18 1942 fair to good w/ID "Your Christmas Favorites on KUUX" o/slight KTMS QRM on LW end that nulls from NW to N. Should be PSSA at this time. (KAZ-CA)
- 1260 KHIL AZ, Willcox 1/2 0929 caught ID & wx while looking for KGHI.(TRH)
- KPIN AZ, Casa Grande 12/19 1929 poor to fair o/XEMW w/Cal. stns nulled. ID, then Paul Harvey. (KAZ-CA)
- KPOW WY, Powell 12/11 0205 a shock w/s/off & ID ment. 5/1kw, SSB. Fair w/some Cal. & Mex. QRM on end of LW which nulls to NNW for highband freq's. (KAZ-CA)
- 1270 KCOK CA, Tulare-Visalia 1/2 1105 fair in XEAZ (not XECAL!) null w/Mutual nx, ad for car dealer in Porterville, and ID/TC 1107. Still in at 1300 recheck. Was looking for KNWZ. (TRH-CA)
- KTFI ID, Twin Falls 12/19 fair w/XEAZ, at s/off w/two IDs 0105.(KAZ)
- 1280 KDYL UT, Salt Lake City 12/13 0230 fair to good during break from King w/IDs and local nx. Only slight KFRN QRM on null NNW antenna. (KAZ-CA)
- 1290 KMEN CA, San Bernardino 12/30 noted using new slogan "Your hometown radio station." (RW-CA)
- 1300 KPFL NV, Carson City 12/18 1911 good w/wx, Christmas song by Stevie Wonder. (KAZ-CA)
- 1310 KLIX ID, Twin Falls 12/19 1915 "Morning, noon, or night, get it right! KLIX, Twin Falls," into KLIX evening report. Fair w/XEC nulled. (KAZ-CA)

- 1310 KLIX +1/1 1853 good signal but fading, in the absence of local XEC. cont'd Top 50 songs of '85 program, and ads for phone company and the Magic Valley Regional Medical Center. For obvious reasons, never logged this early before. KDIA was also noted. (TRH-CA)
- KXAK NM, Corrales 12/9 0230 poor o/many others during prev. dominant KZZP fade. ID & ment. church w/Albuquerque address, then relig. mx. (KAZ-CA)
- 1320 (KNNC) CA, Oceanside has obviously changed day pattern as this stn, which used to come in fine on my old car radio, has been inaudible here for a couple of months now. I've noticed while driving up I-15 that they're stronger to the east now, which makes sense as they're also going for the "North County" image of late. Would also explain the daytime SPs they took back in August. (TRH-CA)
- KGNR CA, Sacramento would you believe THIS is now my midday stn, even w/KAWC, KNNC & KHSJ all much closer to me? Noted poor to fair 1/2 1312 w/IDs and nostalgic mx. (TRH-CA)
- 1330 KGAK NM, Gallup 12/18 1920 fair w/local nx, IDs o/KFAC on null NNW LW. (KAZ-CA)
- KUPL OR, Portland 12/28 1141 still in very good this late in KLSB null, w/ID, 1 1/2 hours after LSR. (RW-CA)
- 1340 KATY CA, San Luis Obispo 1/2 poor u/powerhouse KIST 1233 w/ID-slogan "From Big Band to, KATY, San Luis Obispo." Rarely heard here, as KIST booms in day & night via waterpath. (TRH-CA)
- 1350 KIDN CO, Pueblo fair 1/1 0212-0231 w/CWM, OM talk about the Colorado Lottery, a couple of jingle IDs. New. (TRH-CA)
- 1360 KAMT WA, Tacoma 12/19 poor to fair w/local KPQP phased w/two IDs after wx, then lost to QRM from KLFY's MYL and other stn. No trace on loop. (KAZ-CA)
- 1370 KGEN CA, Tulare 12/30 1932 good o/KWRM in KEEN null w/ID, MYL. (RW-CA)
- 1380 KOTE CA, Lancaster 12/30 1943 eradicating KTOM-KSMJ w/ID, they must put all their power toward me like KTYM-1460 which wipes out KICZ at SRSI (RW-CA)
- KTOM CA, Salinas 12/23 0320 fair w/C&W mx, IDs, KBAE off. (EH-WA)
- KSRV OR, Ontario 12/13 0000-0100 often u/KTOM w/Oregon State BKB game. Called & confirmed still on net. (KAZ-CA)
- KOTA SD, Rapid City 1/2 0659 fair mixing w/KBAE w/IDs, wx into CBS nx. (EH-WA)
- 1390 CJCY AB, Medicine Hat 12/16 1730 in on top of channel strong & clear, w/ad by man for Capitol Tires at 1730, plus ID as "Music Radio CJCY 13-90" by man. They use the same jingle as local hot-hits K-PLUS FM (KPLZ 101.5), must buy them from the same studio. (CBC)
- 1400 KLTW CA, San Luis Obispo 12/7 fair w/others w/local ads, ID 1628, during good daytime cx. (KAZ-CA)
- KART ID, Jerome just faded up for ID 1/1 0300 "This is KART, Jerome." New, ID #9. (TRH-CA)
- 1420 KMOG AZ, Payson 1/1 1821-1838 heard w/good sigs in the absence of local XEXX. YL w/KMOG Weather Update, ad for Pizza Hut, a discount clothing store, Sears Financial Network, Radio Shack, and a Grand Ole Opry record package. Fighting w/KTAN, and o/KSTN. New, AZ #45. (TRH-CA)
- KTAN AZ, Sierra Vista first midday log of this one 1/1 1823 w/UPI Round Table, Domino's Pizza ads; getting in the way of KMOG. XEXX off. (TRH-CA)
- KSES CA, Yucca Valley finally caught this one o/KSTN in XEXX null 1/2 1043-1102. Mixed bag, MOR-type stuff, ad for gun shop in Yucca Valley, then DJ reminded you to "do business with your neighbors." ID, then Mutual nx, I think. New, CA #148. (TRH-CA)
- KCCN HI, Honolulu fair u/WOC 12/22 0402 w/winning entry in a song contest at the Ala Moana Hotel, ID at 0405 just before they faded out. OM DJ had distinct Hawaiian accent. New, HI #13. (TRH-CA)
- 1430 KALI CA, Can Gabriel fair 1/2 0203. Noted in EE w/"Community News of San Gabriel" program, w/local wx & nx from around the state. Back to SS at 0206. (TRH-CA)
- KGAY OR, Salem 12/31 1051 good w/C&W songs, "K 14-30" IDs. (EH-WA)
- 1440 KODL OR, The Dalles 12/23 0326 noted ET'ing w/OC, TT. (EH-WA)
- 1450 KEYY UT, Provo-Orem 1/6 0213 briefly o/CFHC, KGRZ w/blip ID. (EH-WA)
- CFHC AB, Canmore 1/6 0206 good w/wx, ments. of // CFAC-960, C&W mx. (EH-WA) (Ed, this is "The Hardy's" most-wanted stn--NH)
- 1460 KENO NV, Las Vegas 1/1 great midday signal o/KTYM 1706 without XERCN-1470 slop to contend with today. Kenny Rogers, Lionel Ritchie songs, ID by OM. First midday log of this station. (TRH-CA)

- 1470 KOLI CA, Coalinga 12/30 1607 apparently not KKFO yet. Long deep fades, almost SSS-type cxi First time heard in daytime, using IDs "1470" and "1470 AM," C&W, clear "KOLI, Coalinga" ID on hour, XERCN actually started coming in around 1630! (RW-CA)
- KUTY CA, Palmdale very weak in the null of XERCN's OC 1/1 1653 w/C&W mx and features. First time heard midday. (TRH-CA)
- KBCM UT, Tremonton weak but very readable in XERCN OC null 1/1 2119-2130. YL DJ used slogan "Your music and information connection, KBCM." Then ad for athletic shoes at Christensen's Dept. Store in Brigham City. ID, into song by Kool & the Gang. New, UT #18. (TRH-CA)
- 1480 KPHX AZ, Phoenix another new midday log, in KWIZ null 1/1 1720 w/SS vocals, ads for Phoenix nightclubs. (TRH-CA)
- KRED CA, Eureka 12/19 2203 fair w/KWIZ w/K-Red country wx. (KAZ-CA)
- KUUX NM, Hobbs noted in KWIZ null 1/1 2000 w/Mutual nx, ID. Usually only heard in the morning, but no XERCN slop today. (TRH-CA)
- 1490 KWAC CA, Bakersfield 12/19 1908 fair atop channel w/Bakersfield ads in SS, off end of LW which favors north, other end of LW had another SS stn atop. (KAZ-CA)
- KRKC CA, King City a nice surprise 1/2 0812-0825 w/California Agri-Radio Net program, IDs by OM, New. (TRH-CA)
- KKLB ID, Chubbuck 1/6 0305 fair w/"Country Club" slogans, ads, C&W mx. (EH-WA)
- 1530 WCKY OH, Cincinnati 12/9 0520 fair in slop w/ID & spot for FB, then sports report, w/KFBK off. Also presumed to be the EE talk show noted several other times thru KFBK phase null. (KAZ-CA)
- 1550 KXEX CA, Fresno noted w/EBS test 12/22 0702, ID by OM "24 horas/dia, su estacion de la alegria es KXEX." New, CA #144. (TRH-CA)
- 1560 KKA A SD, Aberdeen 1/2 0650 good w/C&W mx, "KK Double A" IDs. (EH)
- 1570 CKTA AB, Taber 12/15 2108 good w/ID & Big Country C&W program in clear on end of LW which nulls south & east at extreme high end, thus clobbering XERF which was atop on other antennas. (KAZ-CA)
- 1590 KLIV CA, San Jose nice midday signal, level w/KOGO, caught ID 1/2 at 1330, "Thanks for listening to the Music of Your Life on 1590, KLIV, San Jose." (TRH-CA)
- KSRN CA, Sun Valley-NV, Reno 1/3 1958 full data s/off after C&W song, giving dual-state ID. Excellent o/KLIV. New. (NH-WA)
- KCIN CA, Victorville 12/13 1918 poor to fair w/SID popping out of KOGO & mess. (KAZ-CA)
- KMTI UT, Manti poor w/KOGO 12/27 0824-0833 w/"Food for Thought" and "Livestock Report," sponsored by Salina Auction Company. (TRH)
- 1600 ?KBBX? UT, Centerville 12/19 presumed to be the relig. stn w/talk about Mormons 1756-1900 thru KWOW null & bothered by increasing KGST QRM. No IDs or local ments. (KAZ-CA)
- 1610 KMG490 CA, Barstow 12/23 2239 very poor & briefly audible w/legal ID after info concerning which exits to take. I still have yet to hear Phoenix Airport which was reg. in LA 3 years ago. (KAZ-CA)
- TIS CA, San Ysidro US Customs service has not been on much in the last month, but if you do catch them, here is their address: US Customs Service, San Ysidro border checkpoint, 720 E. San Ysidro Blvd., San Ysidro, CA. I used a PFC for this one. Interesting to note that the supervisor of this stn has absolutely no idea how much power it puts out!! (TRH-CA)

ID'ing an unID:

- 900 KKAP TX, Floydada definitely IS in the Texas State net. I get them here in San Diego about once a month; they have a pretty good signal, and per a recent verie they still are 250 watts. (TRH)

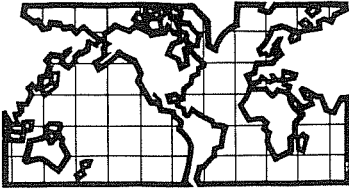
DX TEST:

- 810 ?WSJC? MS, Magee 12/26 0219 & 0224 tent. w/1 kHz TT noted both these times in very delicate KGO null. Possible C&W mx at 0243 recheck but not sure. Signal generally well down in mud, KNCO-830 slop. (RW-CA)

UNIDs:

- 730 UNID SSB weak 12/28 1907, not KSVN as their PSSA heard fair later. (KSVN day power was in well prior to 1900). (KAZ-CA)

Welcome to WDXR, Neil. It looks like everyone is back DX'ing after the holiday break! ☺



DX WORLDWIDE - WEST

Pat Martin - Editor

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PHONE: (503) 861-3185 TIME: UTC

PAN-AMERICAN DX ROUNDUP

- 650 MEXICO, Los Mochis, Sin. XETNT 12/5 0530 Pacific Coast Beisbol game, ads every $\frac{1}{2}$ inning. Fair/Good WSM nulled. (ØW-Co)
- 655 EL SALVADOR, San Salvador-YSSS-12/5 0048 MOR vocals, no ads. "Radio El Salvador" IDs. Good, but long fades. (ØW-Co)
- 660 MEXICO, Cd. Delicias, Chih. XEACB 12/5 0019 EE and SS Pops, ads for hardware store, Ford Trucks, etc. in Delicias and Camargo. "Radio Seis Sesenta" IDs. Fair/Good. dominant (ØW-Co)
- 670 MEXICO, Torreon, Coah. XETOR 12/5 0130. Rancheritas and nortenas by request. Good at times, but fady and QRM from one or two other SS stations (Cuba for one). (ØW-Co)
- 680 MEXICO, Chihuahua, Chih. 12/10 1303. Ad for Loteria Nacional, PSA for Censos Economicos 1986, ranchera mx. YL DJ o/u KWKA, then overrun by KKYX powering up at 1315. New. XE #66. Reported. (ØW-Co)
- 710 CUBA, Location?? 12/22 0700. "Radio Rebelde" ID and Christmas greetings to listeners, into prm of Cuban mx. Weak, mixing with WHB, local KNUS was off, they were moving their studios. (ØW-Co)
- 930 The Latest VOA Frequency schedule lists the morning sked for the Quesada (Costa Rica) xmtr as follows: 1000-1800, broken down thusly: 1000-1100 Radio Costa Rica: 1100-1400 VOA Programming, 1400-1800 R.C.R. This could have been the station RW heard. Local DXer Wayne Heinen heard it the same day, so the propagation was there. As far as "La Paz" this is not necessarily a place name; the announcer could have simply been discussing "peace in El Salvador" (paz is SS for peace) Quesada is 50KW! (ØW-Co) (Thx for the info on this John.PM)

TRANS-PACIFIC DX ROUNDUP

- 550 HAWAII, Wailuku-KMVI-coming in like a "ton of bricks" As many know KMVI really isn't DX here, in 365 nights a year. But on 1/8 after 0600 it sounded local! No sign of KOAC. Haven't hrd it this strong for a long time. At 0810 noted The Larry King Show. (PM-Or)
- 570 HAWAII, Lihue-KIPO, very good way o/KVI with hard rr mx. Noted wx at 0759, Lows in the low 70s and highs in the low 80s. This was a local for me a few weeks ago! The move to 570 was really a good one, as they are hrd often here now. It was only hrd a few nights a year on 1350! This was on 1/8. (PM-Or)

VERIFICATIONS:

- 730 COSTA RICA, San Jose-TUHB Radio Reloj Date anf Freq. red, white, and Blue card in 20 days for SS report. 2 IRCs C-10 cassette. V/S Francisco Barahoma G. (ØW-Co)

THANKS TO THESE REPORTERS:

ØW-Co JOHN WILKINS-4385 Hoyt Street #205-Wheat Ridge, Colorado 80033
PH-Or YER EDITOR
SP-600JX, (2) 1500 East Beverages (1) 700 HHW Mini Beverage, Grounds.

Cuban Interference Increasing

by David Hughes

Miami FL ... South Florida broadcasters report increased Cuban interference on the AM band, including some instances of jamming, since a 50 kW Spanish-language station signed on in Miami in late October.

Though the interference is also affecting some stations across the continent at night, there appears to be little chance of talks with Cuban authorities to reduce the problem.

The latest round of interference coincided, broadcasters said, with the arrival of WAQI, a 50 kW Spanish-language station on 710 kHz. On 23 October, WAQI replaced Miami's WGBS, an English-language news/talk station, which merged operations with another Miami station, WNWS, on 790 kHz.

Jefferson-Pilot Broadcasting Company sold WGBS to the Mambisa Broadcasting Corporation and, in turn, purchased WNWS. Jefferson-Pilot merged its WGBS staff with the existing WNWS

staff to continue the English news/talk format there.

"Radio Mambi"

WAQI, which calls itself "Radio Mambi," is apparently drawing electromagnetic scorn from Cuban authorities because it not only has the strongest signal in the state, but also reports on news events in Cuba, said WAQI VP Charles Fernandez.

In the first few days after its launch, before jamming began, WAQI's 710 kHz

signal could reach well into Cuba, Fernandez said, even better than the Voice of America's (VOA) Radio Marti service.

WAQI programs a mix of news, talk and entertainment. While it is not "anti-Castro" per se, Fernandez said that the Castro regime would not be too pleased with the content of some of the programming.

According to former WGBS CE John Morris (now with WNWNS), WGBS's English-language programming had not been subject to Cuban interference.

"Most Cuban people don't speak English, so Cuba wasn't worried about WGBS," Fernandez added.

By 27 October, however, Cuba began a powerful broadcast of its Radio Rebelde program—which is found elsewhere on the AM band—on WAQI's 710 kHz frequency. According to several broadcast engineers in South Florida, the island nation has also been broadcasting a noisy jamming signal at times on the frequency.

An area broadcaster who did not want to be identified said the FCC told him that it speculates that two transmitters in Cuba are pumping about 100 kW on 710 kHz toward the US to jam WAQI.

Both Fernandez and Morris complained that the Cuban station has been using WAQI's calls to further confuse the situation. "They are trying to get us in trouble with the FCC," Fernandez added.

Fernandez said that, during the day, WAQI can be heard in the Miami area, but listeners in the Florida Keys can only hear Cuba's Rebelde. At night the problem is more severe, compounded by the fact that WAQI has been operating at only 18 kW while it makes equipment repairs, he added.

The Cuban interference on 710 kHz has even affected New York City's 50 kW WOR, which operates on the same frequency. Listeners in the mid-Atlantic states who previously received WOR at night with no problem report a rather strong Spanish-language signal underneath it.

FCC Field Operations Bureau Deputy Chief Arlan Van Doorn said the Commission will investigate an interference complaint it received in early December from WOR.

Not Radio Marti backlash

The issue of Cuban interference is nothing new to South Florida broadcasters. Many feared they would be subject to massive interference after the VOA started its "Radio Marti" service on 20 May 1985.

Aimed directly at the Cuban population, Radio Marti broadcasts with at least 50 kW on 1180 kHz from a transmitter in the Florida Keys. Previously the VOA used the frequency to relay its general Spanish programming to Central America and the Caribbean.

Radio Marti's programming apparently did not bother the Cuban authorities, and most South Florida broadcasters did not report any major increase in interference after Marti signed on, even though Havana has experimented with high-powered AM band interference on occasion.

Other frequencies affected

Besides increased interference on 710 kHz, stations on other frequencies are re-

porting higher levels of Cuban interference. Fernandez said it appears that Cuba is striking hardest at Spanish-language stations in South Florida.

Ralph Chambers, CE at WCMQ, a Spanish-language station on 1210 kHz, said he had noticed a significant increase in interference on 1210 kHz within one week after WAQI signed on. He said Cuba has been running Radio Rebelde on other frequencies besides 710 and 1210 kHz.

Chambers confirmed that Cuba had been broadcasting noise jamming, in addition to Radio Rebelde, on 710 kHz.

While he has always noted a Cuban station on WCMQ's frequency before WAQI signed on, he said the level of interference on 1210 kHz has doubled since last year. "We have listeners in the fringe area of CMQ that can't get us anymore," Chambers said.

WCMQ operates at night with 2850 W under special temporary authority, instead of its normal 2500 W. But the night power is no longer enough to counteract the Cuban interference, Chambers said.

CE John Morris said the level of Cuban interference to English-language WNWNS on 790 kHz also seems to be getting stronger. "We are getting more complaints," he said.

Other stations are reporting interference. NAB Engineer Mike Rau said his organization received a recent Cuban interference complaint from KSL, Salt Lake City, Utah, a 50 kW station operating on 1160 kHz.

KSL Assistant CE Randy Finch confirmed that the station has received complaints, particularly from listeners in Southern Utah who hear Spanish language programming underneath KSL's Brigham Young University sports events. Finch said he even got a complaint from a listener in Hawaii who said a Cuban station was interfering with reception of KSL.

Finch said that two years ago Cuba violated an agreement it had to respect KSL's clear channel status, and many complaints were received.

He added that there would be a greater number of recent complaints if there were not a period of such low sunspot activity now, which tends to reduce the ionospheric skywave "skip" of distant stations.

Cuba has reportedly been operating a station for tourists on 1160 kHz that has been broadcasting, at times, in English. Though the station normally signs off at local sunset, it has occasionally been monitored operating at night, when it then interferes with KSL's signal.

Severity questioned

Despite complaints from some broadcasters, the FCC said it is not convinced that the level of Cuban interference is significantly higher than in the past.

While he said he was familiar with the WAQI situation, the FCC's Van Doorn said he had not received many complaints from broadcasters. In fact, the only recent Cuban interference complaint he has received was from WOR.

"We normally get calls, but it has been quiet," he added.

However, WAQI's Fernandez said he has already filed an interference complaint with the FCC and plans to file another.

The FCC, Van Doorn said, regularly monitors Cuban medium wave activity and releases reports. The last Cuban broadcast list was made available in mid-October, before WAQI signed on.

Talks stalemated

State Department and FCC officials said they have tried to resolve the ongoing problem of Cuban interference. Both organizations blame Cuba for unwillingness to negotiate.

At a fall meeting of the Radio Advisory Committee (RAC), which was attended by broadcasting representatives and officials from the NAB and FCC, there was talk that the US and Cuba might meet to discuss more critical communications involving aircraft, weather and telephone links.

However, US State Department International Radio Communications Office Deputy Director Bill Jahn doubted that the talks would take place in the near future.

A matter of primary importance, he added, was the replacement of an aging telephone cable between Miami and Havana. Therefore, he said, negotiations may emphasize common carriers as opposed to broadcasters.

"We met with Cuba in August 1983, in San Jose, Costa Rica, and again in October 1983 in Mexico City. But Cuba walked out of the talks at the last minute," Jahn said. "The US has a standing offer to (reopen) the talks."

FCC Attorney Louis Stephens, who also serves as chairman of the RAC, said "We are seeking opportunities to develop understandings with Cuba. However, previous efforts have failed," because Cuba has sought "trade-offs" in non-broadcasting areas.

Officials at the Cuban Interest Section office at the Czech Embassy in Washington, DC could not be reached for comment on the matter.

Financial compensation

The FCC is continuing to administer its program to provide monetary compensation to stations that have made costly improvements in their transmission systems to battle increased Cuban interference, according to FCC Audio Services Division Assistant Chief Dennis Williams.

However, he reported that financial compensation has not yet been sent to broadcasters.

Williams said the FCC previously approved \$12,265 in compensation to WWSN, St. Petersburg. Under the plan, the FCC's recommendation was sent to the US Information Agency (USIA), which is to distribute the money. However, Williams said that Congress has not yet appropriated the money to USIA.

However, some stations are not as interested in financial compensation.

"We are not angry at the FCC," said Ralph Chambers of WCMQ, which did not file for compensation.

"We just want a power level to overcome the interference," he added.

For more information about Cuban interference, contact Louis Stephens at the FCC: 202-632-7792. To obtain the latest list of Cuban AM broadcasts, contact Wilbur Thomas at International Transcription Services, Washington DC: 202-857-3800.

DX WORLDWIDE EAST

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All times are GMT

*SEE IMP NOTE AT END OF DXW-E

Sometime near the end of January I will give the word to resume sending DXW-E reports to my old Pittsburgh QTH. I have been wanting to return for quite some time and finally have my chance, if everything works out right for me. For now, though, keep sending reports to the above address until further notice. When I get re-settled in Pittsburgh I should have no problems meeting the deadline at HQ for the column. I will also be able to report to my own column, something I really miss (foriegn DX at this QTH is poor). Even though this column I'm working on now won't be printed before Christmas or even New Years, hope you all had a pleasant and safe holiday, and good luck in the new year with everything you do, especially DX!! Thanks for the continued input in DXW-E. Times are GMT/UTC:

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T R A N S - A T L A N T I C D X

- 155 t ROMANIA, 11/17 0150 : weak (through partially phased dimmer noise) -- gypsy mx & FF-style (Aznavour / Piaf) romantic "torch songs". Signal not good enough to allow positive determination of language(s) used. (Connelly)
- 164 FRANCE, Allouis 11/17 0144 : to good peaks w/recent hit "Everybody Wants to Rule the World"; followed by FF talk. (Connelly)
- 185 WEST GERMANY, SaarLouis 11/17 0145 : VERY LOUD (best LW TA at the time) -- Rock, incl "View to A Kill!" by Duran Duran, was coming in at entertainment-quality level. (Connelly)
- 200 ENGLAND, Droitwich et al 11/17 0146 : woman in EE, fair to good w/TUX - 194 pest phased. (Connelly)
- 209 MOROCCO, Azilal 11/17 0205 : AA talk, fair to good. (Connelly)
- 648 unID, 11/11 0210 : strong het here, no audio. (Stutterheim)
- 656.0 ? TANZANIA, 11/10 2312 : strong het at beginning, long period fades (about 4 - 5 minutes). Mideastern-type chanting barely audible at 2319. No sign of any 657 station. Later, at 0208, on recheck, found het to be against 655. Tanzania seems unlikely ; any other probable? (Stutterheim) (I doubt any, except maybe Germanv off-freq a bit. Hear it any other eves? ed) (Even that jives with the chanting you heard. ed)
- 666 PORTUGAL, Lisboa 11/17 2034 : PP talk in heavy WNBC/WRKO slop. (Connelly)
- 684 SPAIN, Sevilla 11/17 0127 : Poor to fair with SS vocal, o/low-pitched het. (Connelly)
- 693 unID, 11/10 2128+ : American r & r, all the top hits here ; man in heavy basso voice speaking at intervals. Strong at 2239 ; woman at 2300, possibly reading the news in either EE or GG (or similar). I just can't extract ID. (Stutterheim)
- 702 unID, 10/25 2155 : African bongos with Afr. type chanting. SAH gave grainy sound (or was it bad audio?). (Stutterheim) (Could this be Nigeria or Morocco?ed)
- 720 PORTUGAL, Norte-Azurara 11/17 2032 : Good with man in PP - one of the better pre-sunset TA's. (Connelly)
- 747 NETHERLANDS, 10/25 2205 : News in Dutch ; later into choral mx. (Stutterheim)
- 756 GERMANY, 10/3 2152 : Man in GG and various light mx. (Stutterheim)
- 765 SENEGAL, Dakar 11/16 2024 : a-cappella African vocal mx. (Connelly)
- 774 SPAIN, synchros. 11/17 2027 : SS talk, good. (Connelly)
- +10/25 2255+ : Man in rapid SS ; five time pips at 2300 followed by fanfare or musical ID "Radio---de Espana"; electronic sounds, into news. (Stutterheim) (That would be the "Radio Nacional de Espania" home service net if I'm not mistaken. ed)
- 783 PORTUGAL, Miramar 11/17 0241 : loud (better than WBBM/LA's-780). Mid-'70s British rock hits were played. (Connelly)
- 792 SPAIN, Sevilla 11/17 0245 : Fair w/SS female vocal. (Connelly)
- 837 t PORTUGAL, 10/5 0110 : Religious program, possibly in EE; Hakiel ID'd it for me. (Stutterheim)
- FRANCE, 10/25 2215 : Woman singing in FF backed by small jazz combo. (Stutterheim)
- 855 t CANARY ISLANDS, Las Palmas 11/17 0102 : Good with SS talk. (Connelly)
- ROMANIA, 2150 11/10 : Two men in language ; possibly sports event. Two time pips at 2200. (Stutterheim)
- 891 ALGERIA, Algiers 11/17 0057 : AA male vocal & violins, at powerhouse leve'. (Connelly)
- +Hetting 890 nicely around 0245 12/24, no chance for audio though. (Hall)

- 1034 GUINEA/BISSAU, 11/3 2149 : Strong het here against 1035, only station listed.
- 1035 PORTUGAL, Lisboa 11/17 0300 : Good with PP talk. (Connelly)
- 1055 unID, 11/10 0130 : Mystery - I've been chasing this het for awhile; peaked at 0135, gone 0200 on recheck. (Stutterheim)
- 1062 PORTUGAL, Sao Salvador 11/17 2100 : PP talk & mx, slopped by CJRP-1060. (Connelly)
- 1134 SPAIN, synchros. 11/17 2102 : Fair with SS pgm. Assorted SAH's, low-pitched audible hets, growls, etc. noted in background. (Connelly)
- 1175 unID, 11/11 1017 : Carrier only. (Stutterheim)
- 1183 unID, 11/11 1017 : Carrier only; weak; for the record only. (Stutterheim)
- 1251 LIBYA, Tripoli 11/17 0410 : Massive het, bits of AA mx. (Connelly)
- 1375 ST. PIERRE, 10/26 1121 : Het only, but apparently on air at this early hour. (Not so early there). (Stutterheim)
- 1467 MONACO, Monte Carlo 11/16 2040 : Country-style religious vocal mx. (Connelly)
- 1584 SPAIN, graveyarders 12/24 0555 : GY's abound, SS talk/music. (Hall)
- 1593 WEST GERMANY, Langenberg 12/24 0550 : GG announcer playing a few of Beatle's best. Fair with WAKR-1590 slop. (Hall)
- 1656.1 unID, 10/26 1110 : Het only. (Stutterheim) (DF? ed)
- Always an extra:
 019 t ANDORRA, 10/25 2120 : Man in FF, slight echo; strong signal but bad 020 het. (Stutterheim)

P A N - A M E R I C A N D X

- 530 COSTA RICA, Cartago TICAL 11/17 0139 : Good (despite QRM from Algeria-531 and from the "NB" beacon)-- Festive SS mx having urban-contemporary "rap" mx influences; followed by ad for Banco Agricola de Cartago. (Connelly)
- +11/11 0215 : Singing group (mixed voices). TICAL assumed, strong het against 531. (Stutterheim)
- 535 GRENADE, Morne Rouge 9/20 2320 : Business/economic nx by woman in EE. (Stutterheim)
- +11/17 0136 : Good w/calypso. (Connelly)
- 555 t NICARAGUA, 11/17 0134 : SS talk in slop. (Connelly)
- 570 CUBA, 2204 12/6 : Detailed "Radio Reloj" ID by male. Two men rotated news items. Tone, time given at 2206. (Demmitt)
- +0110 10/7 : Man & woman w/nx in SS. Clock ticks, ID. Good under WKBN. (Ross)
- 580 CUBA, 2214 12/6 : Radio Rebelde with same pgmging as 590/600, but with usual hum from the Cuban transmitters. QRM from WHP. (Demmitt) (I often noted this het here in the past in Pittsburgh. Oddly, when I DXed sunset-skip it was always there even if the LAs hadn't faded in yet. I'd sure like to know where this comes from. ed)
- 590 CUBA, 0455 12/2 : R. Rebelde w/assorted mx incl a woman singing "Autumn Leaves". ID and tone at 0450, nx by m & w. (Demmitt)
- 595 DOMINICA, Roseau Dominica Bc Corp. 0321-0500 12/24 : Non-stop Christmas mx in EE, male anc'r usually on ea hour barely if ever understood when peaked over profuse 600 QRM (I used ECSS on LSB) and TA 594 het fading in/out. Couldn't distinguish lang, but hrd ments of Dominica ("Dom a knee ka") that sd EE. Seemed to be on late for X-mas Eve, apparant s/off 0500 -- carrier and audio disappeared. No sign being on this late next day. Report sent. (Hall)
- 600 CUBA, 2219 12/2 : Man singing love song, canned audience. Male anc'r introduced next record telling of Sr. Rodvigus. (Demmitt)
- +11/17 0221 : Noted w/massive signal - audio GROSSLY DISTORTED & compressed (worse than most CB sets). SS talk //590. The 590 station was mopping up WEEI at the time. (Connelly)
- 610 CUBA, 2224 12/6 : Radio Rebelde v. weak, but here along w/WIP Philadelphia. (Demmitt)
- 620 CUBA, 2226 12/6 : Radio Rebelde -- Nx: Nicaragua incident where a US missile downed a Nicaraguan aircraft. Mx: Big band sounds...you never know. (Demmitt)
- 630 unID, steady TT in with WMAL at 2247 12/6. (Demmitt) (Looped?ed)
- 640 CUBA, 0130 11/3 : Radio Progreso with ID as such by man at 0130. (Demmitt)
- +Male anc'r talking w/w on phone at 2233 12/6. (Demmitt)
- 655 EL SALVADOR, San Salvador 0120 10/7 : YSS w/EZL SS pops, male DJ in SS. ID as "Radio Nacional". Not hrd for a lng time. (Ross)
- 670 unID, 2303 12/6 : SS, hrd phrased reposed w/a 2 tone chime playing after ea phrase. (Demmitt)
- 700 COLOMBIA, Cali HJXC 11/17 0131 : Strong (o/growl) -- SS nx of relief effort following volcanic eruption. (Connelly)
- 710 CUBA, ???? CM?? 2256 11/2 : Sports, //590/600. Good signal. A Radio Rebelde not listed in '84 WRTH. (Wyllie)
- 712.6 CUBA, 11/10 2234 : Cuba - Radio Rebelde hrd on spur. Seems to be DSB with little carrier (yet hardly detectable with BFO) yet good audio. Strong //590. One ID as "R. Veinteseis". (Stutterheim)
- 760 CUBA, 0055 12/7 : Weak but Radio Reloj can be hrd here, esp the ticks & pips, with strong WJR. (Demmitt)
- 770 COLOMBIA, Bogota HJKH 11/17 0113 : Detailed SS information about volcano disaster. Easily hrd w/WABC phased. (Connelly)

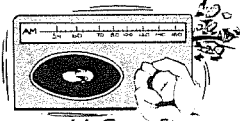
- 790 CUBA, 0135 10/17 : Radio Reloj fair - see 570 report. (Ross)
- 800 NETHERLANDS ANTILLES, Bonaire PJB 0215 11/3 : Trans World Radio in EE - man preaching about fears. ID and a het to the right of freq. (Demmitt)
+1845 12/6 : ID by man, record "Away In the Manger" sung by man. Male preacher gave X-mas message. (Demmitt)
- 805 unID, 11/11 005 : Carrier here only. (Stutterheim)
- 810 COLOMBIA, Bogota HJCY 0140 10/7: Radio Sutatenza w/"Sutatenza" ID. Man in SS with music. (Ross)
- 825 ST. KITTS, Basseterre 0145 10/7: Radio Paradise very good with rlg's pgm in EE. (Ross)
+11/17 0246 : R. Paradise w/SS pgm, pegging S-meter needle. (Connelly)
+11/2 2300 : Good signal -- noted man saying "It's twelve o'clock" then s/off. (It was 11pm local) - they don't set clocks back, huh? (Wyllie) (William - 2300 is 11pm on the standard 24hr or military time clock - it's not GMT/UTC. ed)
+2222 12/8 : R. Paradise in EE with Friendship pgm. Man w/heavy accent read news. Weak and lots of fades. (Demmitt)
- 860 DOMINICAN REPUBLIC, Santo Domingo 11/29 2343 : Strong signal with SS mx and ID as "Radio Clarin".. (Wyllie) (I consider this a pretty good catch, William - it's pretty tough with the French Canadian here. I've only heard it once in Pittsburgh. I'd suppose cx are similar up there (closer to Quebec, yet))
- 870 COLOMBIA, Barranquilla HJSB 0152 10/7 : Mar Caribe with IDs and SS mx/nx. Under WWL.. (Ross)
- 895 COLOMBIA, Santa Marta HJPM 11/17 0059 : Good with excited SS talk. (Connelly) (Remember back when there was a scurry to ID this one and nobody knew where it was coming from? ed)
- 900 MEXICO, Mexico City XEW 0100 11/29 : Fast SS mx, ID hrd was "XEW - Mexico" at 0100 -- no slogan heard. Strong at times, weak at others. Many ments Mexico. Other SS station but could not ID. First time logged. (Wyllie)
- 1011 unID (Colombia ?), 11/17 0313 : Screaming het against WINS; audio too murcky to allow ID extraction. (Connelly)
- 1127 unID, 11/17 0432 : Het against WNEW / LA's-1130. (Connelly)
- 1170 VENEZUELA, ????? ???? 2200 11/30 : Fast SS mx o/WWVA. ID as "R. Mil Setenta" (Radio 10-70). Got it strong at times on 1170. First time logged in Franklin. I've gotten it at Prudence Is., RI before on same - 1170 kHz. Has anybody picked this up on this freq? (Wyllie)
- 1200 VENEZUELA, Caracas 11/17 0411 : YVOZ still reigns supreme on 1200 in W. Yarmouth at night (despite addition of WKOX and other eastern US stations to this channel). "Radiotiempo" ID was booming in like a local, thoroughly annihilating all co-channel competition. (Connelly)
- 1555 CAYMAN ISLANDS, 11/30 2350-0018 (1850-1918 EST) : Radio Cayman. Tuned in to hear pgm of pop mx hosted by woman ancr, also had B-day greetings to listeners & mx requests from listeners, saying "and be sure to send them to Radio Cayman". 2359 spot for a restaurant in George Town, 0000 anmt by w for a fashion cabaret the had been scheduled for tonight had been postponed due to inclement wx and will be held Monday evening at 8pm, then ID "The time on Radio Cayman is 7 o'clock" into nx by man. Stock mkt report 0006 & sports 0010 (giving NBA scores during spts report). 0017 spot for Phillips Electrical "The electrical people", 0018 repeat of anmt hrd at 0000 that the fashion show at Carlos Manor had been postponed. Poor signal strength, but still overcoming combined CBE/WQXR stop on auroral night (A index 40). (Brooker) (Congrats on the first copy of them, Mike)
- 1580 ANTIGUA, 0156 11/3 : VOA w/editorial, ID, freq. info (SW/MW), IS. Time in EST. (Demmitt)
+Also hrd 0019 11/3 : Tough in Pittsburgh, but managed to pull bits/peices out of standard 1530 sunset mixing. (Hall)
- 1610 ANGUILLA, 0459 12/5 : Caribbean Beacon with ID and time in Atlantic/Eastern/Central. Inv to phone 809-497-4340. Also had X-mas carols. (Demmitt)

CREDITS:

- (Demmitt) John H Demmitt K0843, Box A, Bellefonte, PA 16823 (Sorry, John)
- (Stutterheim) M.J. Stutterheim, PO Box 2576, Montauk, N.Y. 11954
(Drake R-7A ; HQ-180A)
- (Wyllie) William Wyllie, 95 Peck St. Franklin, MA 02038
(SHARP GF-450 w/built-in ant)
- (Connelly) Mark Connelly, 7 Trowbridge Path, W. Yarmouth, Cape Cod, MA 02673
(Kenwood R-600, two 37-m. wires to MWDX-4A Phasing Unit)
- (Ross) Robert S. Ross, VE3JFC, Box 4373, Sin C, London, ON Canada N5W 5J2
(KenwoodTS-430S, Panasonic RF1115, Realistic TRF, 120' lw, dipole, 4' box loop, built in)
- (Brooker) Mike Brooker, 245 Old Forest Hill Rd, Toronto, ON Canada M6C 2H5
(Panasonic RF-2200)
- (Hall) That guy with two addresses (DXing in Pittsburgh, though)
(ICOM IC-R71A, Kenwood R-600, //Bev's, //wires to 400', loops)

Tnx to some of you reporters who haven't reported in awhile - please try to report more often! NEWS: Time passes quick -- RESUME SENDING REPORTS FOR DXMW-E TO MY OLDE PITTSBURGH ADDRESS of 240 BYRON RD. PITTSBURGH 15237 AS OF DEC. 30 or 31, OK? Bye....

TOP END



A monthly column of loggings, discussions & information for the 1600 - 1800 kHz range.
Deadline: The last Saturday of the month
All times are GMT

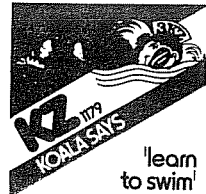
Craig Healy 66 Cove St Pawtucket, RI 02861.....

January 1986....

- 1609.5 ??? 0526 12/28 Cubic Argo, fair.
- 1617.5 ??? 0524 12/28 Cubic Argo, good.
- 1628 ??? 0523 12/28 Cubic Argo, fair.
- 1632 ??? 0523 12/28 Cubic Argo, fair.
- 1638.8 ??? 0521 12/28 Series of close-spaced carriers. Elements of this seem to fade unevenly, sometimes leaving only a pure tone.
- 1645 ??? 0520 12/28 Cubic Argo, fair.
- 1655.8 ??? 0518 12/28 Series of close-spaced carriers. Makes a droning sound. Probably Teledyne in the Chesapeake Bay area.
- 1679 ??? 0515 12/28 Cubic Argo, fair.
- 1682 ??? 0515 12/28 Cubic Argo, good.
- 1694.5 ??? 0510 12/28 Modulated pulses, about 140/minute. Very loud and broad. Thought it was a cordless phone off-hook, but deep fades nix that idea.
- 1705 ??? 0340 8/28 Cubic Argo, good.
- 1714 ??? 0508 12/28 Cubic Argo, fair. Also 0342 8/28.
- 1716 ??? 0508 12/28 Cubic Argo, fair. Also 0343 8/28.
- 1721.5 ??? 0508 12/28 Cubic Argo, excellent.
- 1725 ??? 0344 8/28 Cubic Argo, fair.
- 1728.5 ??? 0507 12/28 Cubic Argo, excellent.
- 1735 ??? 0346-0347 8/28 Unid RTTY, poor.
- 1746 ??? 0505 12/28 Decca HiFix, good. Also 0348 8/28.
- 1747 ??? 0505 12/28 Decca HiFix, good. Also 0348 8/28.
- 1748 ??? 0505 12/28 Decca HiFix, good. Also 0349 8/28.
- 1750 ??? 0504 12/28 Cubic Argo, good. Also 0351 8/28.
- 1759 ??? 0502 12/28 Cubic Argo, good. Also 0352 8/28.
- 1762.5 ??? 0501 12/28 Another 30 pip/minute station, very good.
- 1762.5 ??? 0343 8/28 Cubic Argo, good.
- 1763.9 ??? 0354 8/28 Cubic Argo, good. Odd timing on this one.
- 1764.9 ??? 0355 8/28 Cubic Argo, good. Odd timing here, too.
- 1765.5 ??? 0500 12/28 Cubic Argo, good.
- 1768 ??? 0357 8/28 Unid RTTY, fair.
- 1771 ??? 0458 12/28 Cubic Argo, good. Also 0400 8/28.
- 1775 ??? 0457 12/28 Unid RTTY, poor. Also 0402 8/28.
- 1777 ??? 0402 8/28 Series of related carriers about 400 Hz apart.
- 1779.5 ??? 0404 8/28 Cubic Argo, good.
- 1782 ??? 0404 8/28 Cubic Argo, good.
- 1783 ??? 0455 12/28 Both long and short 30 pip/minute stations, good. There is an occasional 1 second long pulse heard from both.

All loggings mine, R7A, 125' longwire or 25' vertical.

Other than a nice letter from Brian Vernon, that's all there is.



P¹

The MWT-1: A Medium-Wave Tuner / Pre-selector with Regeneration Capability
=====

Mark Connelly

WA1ION DX Labs

18 DEC 1985

Introduction

Several problems are encountered today by medium-wave DXers in the quest to hear new stations.

The first is the mediocre ability of reasonably-priced receivers to deal with strong stations. Spurious mixing responses caused by overloading of a receiver's front end by several local stations are a problem most of us have experienced. Overloading is most severe at urban locations when an outdoor wire antenna of considerable length is connected directly to the receiver input. The most common remedies are (1) use a (tuned) loop antenna or (2) attenuate the signal from the longwire. Solution (1), using the loop approach, is of considerable merit if the building in which the loop resides is not made of an RF-absorptive material and if the RF noise level within that building is low. Shielded, balanced loops offer reduction of some types of electrical noise. Of course there are many cases that rule out successful loop operation - e. g. a steel-frame building with numerous SCR light-dimmers and TV sets. Common-remedy (2), using a potentiometer or resistive-divider to attenuate the signals from a longwire antenna, will often give the desired results of a low manmade-noise level and freedom from overloading-caused spurious responses, but the penalty may well be that a DX station's weak signal level may be lower than that which the receiver can detect.

A second problem is that the same receivers that are readily overloaded by strong stations in the city may not be sensitive enough to receive weak signals when operated in the country. A DXer may not always be able to solve the low-sensitivity problem by casually strolling outside with a 2000-foot-roll of Beverage wire: the land required may simply not be available. Some car receivers yield impressive sensitivity with short whip aerials, so a DXer would expect that a \$ 300 to \$ 500 communications receiver should pull tremendous signals from a 50'/15 m. longwire. Such is often not the case, however.

The third problem to be considered is the insufficient selectivity of some receivers. This is especially notable with the many moderately-priced digital-readout portables now in common use - e. g. the Sony ICF-2001, Uniden CR-2021, Realistic DX-400. Mediocre selectivity is also a "feature" of the Kenwood R-600 and R-1000: the so-called "narrow" selectivity position provided by these receivers just can't "cut the mustard" on foreign splits like the more expensive rigs (R-71, etc.) or like the old-timers (R-390A, HQ-180A).

The MWT-1: a DX problem-solver

The MWT-1 Medium Wave Tuner can be placed between an antenna lead and the receiver's input. This tuner can perform four distinct functions which allow the DXer to get optimum results for the given receiver / antenna / location combination. These functions are summarised as follows:

- (1) Direct antenna to receiver connection: The antenna may be connected through the tuner directly to the receiver's input. An attenuator pot (R1) allows reduction in the signal levels provided by the antenna (thereby combatting front-end overload problems).
- (2) Passive tuning (no amplification): Overloading / spurs from unwanted -frequency stations may be reduced or eliminated with little or no loss of desired-frequency DX station signal strength. The L-C tank circuit in the tuner is adjusted to peak the desired frequency; stations on other frequencies are attenuated. Those using sizable longwires and mediocre receivers at strong-signal urban locations benefit the most from the passive tuning approach.

- p2
- (3) Simple Active tuning (amplified, no regeneration): The desirable features of passive tuning are coupled with the added benefit of amplification. Thunderous signal levels may be obtained from wires as short as 20' / 6 m.; even a car whip provides worthwhile DX. High-impedance shortwires which perform poorly into 50-ohm receiver inputs "come to life" when active tuning is used. Even a Beverage's output can be improved, at least at sites without strong local stations.
- (4) Regenerative tuning: Reception improvements made by simple active tuning are taken even further by regenerative tuning. Much more gain is achievable. Furthermore, previously-listed Problem # 3 (insufficient receiver selectivity) can now be attacked. A regenerative tuner, when peaked and on the verge of oscillating, tightens the received passband to the point that audio can be successfully extracted from a station on 999 kHz that is 10 dB weaker than a station on 1000 kHz. This selectivity-enhancement works like a Q-Multiplier circuit and is somewhat independent of the receiver's own selectivity. This gives car radios and other broad-selectivity receivers split-catching capabilities normally associated with mid-priced communications receivers. A Q-Multiplier differs from the MWT-1 in that the Q-Multiplier works on the IF (usually 455 kHz) and has to be wired to the receiver's innards while the MWT-1 works on the RF input and does not require any wiring to the receiver other than to its signal-input jack. Regenerative tuning is more complicated (adjustment-wise) than passive or simple active tuning are, but the results are frequently worth the effort. Using regenerative tuners of various types between my car whip and car radio has been most gratifying, especially when parked at Waterfront Park in Boston at sunset when the Trans-Atlantics are rolling in.

Before getting into the particulars of initiation and performance of each mode, the operator of the unit should become familiar with the unit's controls and its input / output connectors as identified in Table 1 and in the schematic drawing (Figure 1). Figure 1 appears in the "Building the MWT-1 Tuner" section of this article. It should be noted that S2 is a 3-position function switch which selects Mode 2 (passive tuning) at its fully counterclockwise position, Mode 1 ("off / bypass" - i. e. direct antenna to receiver feed) at its centre position, and "active" (to be explained more) at its fully clockwise position. The "active" function switch setting actually comprises both the Mode 3 (simple active tuning) and Mode 4 (regenerative tuning) functions: Mode 3 is obtained by setting R3 to fully clockwise (R3's wiper arm to ground); Mode 4 is obtained by adjusting R3's wiper arm to be not at zero ohms to ground.

Table 1: MWT-1 Controls and Input / Output Connectors

Controls		
location	designation	operational description
left side	R1	input attenuator pot
top	R3	main tuning capacitor
"	C1	regeneration threshold / output level pot
"	S3	antenna length (coupling compensation) switch
"	S2	function switch (passive, off/bypass, active)
"	C2	vernier (fine) tuning capacitor
"	S1	frequency range (tank coil) switch
"	R2	Q pot / regeneration level vernier pot

Input / Output Connectors			
location	designation	operational description	connector type
left side	J2	car antenna cable input	Motorola jack
"	J4	earth ground input	banana jack
"	J3	wire antenna input	banana jack
"	J1	RF source (e. g. phaser) input	BNC jack
right side	J7	9V battery holder	Keystone 1290
"	J6	RF output to car radio	Motorola jack
"	J5	RF output	BNC jack

The tuned modes of a standard MWT-1 provide coverage of 140 - 300 kHz (European / African / Asian longwave broadcasts) and 450 - 2000 kHz (ship traffic, standard AM broadcast band, and 160-metre ham band). A longwave-only unit (LWT-1) could be made to cover 90 - 700 kHz, thereby providing full beacon-band coverage, by using the following tank inductors on S1: (L in uH) L1=15000, L2=6800, L3=3300, L4=1500, L5=680, L6=330, L7=3300, L8=1500, L9=680, L10=330, L11=150, and L12=68.

Operating the MWT-1

=====

Before operating any of the four modes, connections to/from the MWT-1 must be made. The antenna or other signal source may be connected to J1, J2, or J3. Earth ground should be connected to J4 if the cable to the receiver will be longer than 10'3 m. or if the receiver is not grounded. Earth ground may be a ground rod, a cold water pipe, a 3-prong AC outlet's centre-pin, or even a "dummy ground" such as a Beverage antenna not being used at the time for reception. Grounding helps to reduce interference from locally-generated manmade RF noise. A 9-volt battery should be connected to J7. The RF-output coaxial cable (to the receiver input) may be connected to J5 or J6. A shielded receiver (e. g. communications receiver or a car radio) should be used; successful tuner operation with receivers having coupling coils on ferrite rod aerials is not always possible because of the inherent stray pickup of ferrite rods.

Mode (1) direct feed of antenna to receiver
=====

Initialisation

The following controls are not used in Mode (1): C1, R3, S3, C2, S1, R2. Their positions are irrelevant.

Set R1 initially to fully CCW (the switch on R1 takes this attenuation pot out of the line).

Set S2 to centre (off / bypass function).

Operation

With receiver on desired frequency, check that the wanted signal is of sufficient strength and has no spurious mixing signals or images from strong local stations. If spurs / images are present, adjust R1 until they go away. If the wanted station is now too weak, a different operating mode (2, 3, or 4) is suggested.

Mode (2) passive tuning

=====

Minimum suggested wire length for passive tuning is 50'15 m. at frequencies below 500 kHz; 26'8 m. at frequencies above 500 kHz.

Initialisation

C1 is to be adjusted later.

Set R1 to fully CCW (attenuator out of line).

Set R3 to fully CCW = maximum output level.

Set S3 to right = "Normal" length position.

Set S2 fully CCW = passive tuning position.

Set C2 at 12 o'clock pointer position = minimum capacitance.

Set R2 fully CCW = maximum Q.

Set S1 for operating frequency range desired, in accordance with Table 2.

Table 2: S1 Frequency Range Switch Settings Chart

S1 Position #	S1 Knob Pointer "o'clock"	Min. Freq. kHz	Max. Freq. kHz	Tank Inductor Values			
				"Main" L #	L uH	"Tap" L #	L uH
1	9:30	140	180	L1	4700	L7	1000
2	10:30	180	300	L2	2200	L8	470
3	11:30	450	620	L3	390	L9	82
4	12:30	620	850	L4	180	L10	39
5	1:30	850	1300	L5	82	L11	18
6	2:30	1300	2000	L6	39	L12	8.2

Operation

Adjust C1 for maximum desired-frequency signal.

If overloading-caused spurious responses QRM the desired signal when C1 is properly peaked, set S3 to "Long" (middle) and re-peak C1. If, after having done that, spurs still exist: adjust R3 to make the spurs go away. Slight re-peaking of C1 may then be necessary.

Mode (3) simple active tuning

=====
Initialisation

C1 is to be adjusted later.

Set R1 to fully CCW (attenuator out of line).

Set R3 to fully CW = wiper arm at GND.

Set S3 to right = "Normal" length position (wire length greater than 10'/3 m.) or to left = "Short" length position (antenna shorter than 10').

Set S2 fully CW = active tuning position.

Set C2 at 12 o'clock pointer position = minimum capacitance.

Set R2 fully CCW = maximum Q.

Set S1 for operating frequency range desired, in accordance with Table 2.

Operation

Adjust C1 for maximum desired-frequency signal.

If spurs occur & S3 is on "Short", set S3 to "Normal" & re-peak C1.

If spurs occur & S3 is on "Normal", set S3 to "Long" & re-peak C1. At that point, use R3 to eliminate any residual overloading-caused spurious responses that may be present. Slight re-peaking of C1 may be required.

Mode (4) regenerative tuning

=====
Initialisation

Perform all Mode 3 steps above except, during initialisation, set C2 to half-meshed (= 3 o'clock) and R2 at half-resistance (= 12 o'clock).

Bring R3 gradually CCW in small steps; after each step, re-peak C1. An increase in signal level and tuning sharpness should be readily apparent. At the "regeneration threshold" the received audio gets muddy; beyond that threshold, oscillation occurs. Once R3 & C1 have been adjusted to the threshold as closely as possible, fine-tuning may be accomplished by successive adjustments of vernier controls R2 & C2.

Occasionally it may be necessary to set length switch S3 to the "next longest" position (e. g. to "Normal" if it had been on "Short") to get a high enough Q for regeneration. Doing this also reduces the likelihood of spurs.

THE INTERNATIONAL RADIO CLUB OF AMERICA

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 KHz). "DX Monitor", the official publication of the IRCA, is published 24 times a year: from October to March twice in South America, and April to August twice in North America. "DX Monitor" contains members' loggings, articles on radio stations to be received, member technical articles, DX tips, and other material of interest to radio hobbyists. IRCA is a member of IARAC, the Association of North American Radio Clubs.

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