

November 1, 1986

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NEW CENTRAL DX ROUNDUP EDITOR: We're pleased to announce the appointment of a new CDXR editor. He is John Johnson, 979 Neptune Blvd., Billings, MT 59105. John is a long time DXer, a charter member of IRCA, and has been a frequent

contributor to CDXR and WDXF. He will definitely do a good job as editor. Please give him your full support and your contributions, central DXers!

DX Tests

Here's a reminder for a couple of upcoming DX tests:

Saturday Nov 15

KSIV-1320, St. Louis, MO, will test 0200-0230 EST w/TTs & Mor or religious mx. Send rpts to Jeff Bean, KSIV, 2735 Bompert Ave., St. Louis, MO 63144

Monday Nov 17

KSVA-1470, Sierra Vista, AZ will test 0300-0330 EST w/cw mx and NAB standard test tape. Send reports to Andrew Hansis, CE, KSVA, 3514 Kings Ct. Drive, Sierra Vista, AZ 85635.

KLPZ-1380, Parker, AZ, will test 0300-0330 EST with Beach Boys mx and test tones. Send reports to Mark Roberts, PD, KLPZ, 816 Sixth St., Parker, AZ 85344.

CUSCO PERU

RADIO

ONDA IMPERIAL

"LA VOZ DE UN PUEBLO LLAMADO A LOS MAS ALTOS DESTINOS"

1300-5055Khs ★ 152.9 Mhs F.M.



WESTERN DX ROUNDUP

2301 PACIFIC AVE., ABERDEEN WA 98520

Phone for hot WDXR tips: (206)532-6827 7-9pm (PLT)

DEADLINES: Mon. Nov. 10, Tues. Nov. 18, Tues. Nov. 25, each Monday in Dec.

REPORTERS FOR THIS ISSUE:

- (TRH) Tim Hall-350 G St. F-1-Chula Vista, CA 92010
ICF-2010, Radio West loop
- (DKK) Don Kaskey-465 Burnett St. #1-San Francisco, CA 94131
Hammarlund HQ-140X, SM-2
- (GK) Glen Kippel-612 West Ave.-Merced, CA 95340
SP-600JX-17, pair of 8' single turn balanced loops
- (KM) Kevin Malin-24111 2nd Pl. W.-Bothell, WA 98021
- (RHM) Roy H. Millar-13714 30th Ave. N.W.-Marysville, WA 98270
DAK3, unamp. loop
- (SP) Dale Park-DX'ing from He'eia Boat Harbor, Kaneohe, HI
Sony ICF-6700W
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST:

- 1440 KDIF CA, Riverside 10/13 0113 noted back on the air after being silent for quite a while. SS format, ID "Kah-deh-ieh-effe, Catorce cuarenta, la diferencia, la diferencia es tu" (KDIF, 1440, the difference, the difference is you). Call change, ex-KPRO, also change ex-silent status. (RW-CA)
- *****
- 530 CIEEX BC, Vancouver "Expo Information Radio"; was this the officially assigned call? Did 1600 kHz outlet have a different call? (RHM)
- 540 WEIZ GA, Columbus ref. to WDXR of 10/19/85; did I blow this, or did WDAK change to this call then back to WDAK subsequent to my reception? (Didn't report to as not much copied; this question posed at report of WDAK in 10/11/86 WDXR). (RHM-WA)
- 640 KFI CA, Los Angeles 9/28 2254-2303 fair reception, heavy KCIS-630 QRM. Soft rock music, Bank of America ad, "KFI Six-Forty," "KFI Los Angeles." (KM-WA)
- 660 (KTNN) AZ, Window Rock 10/5 0253, MM 10/6 0330 noted entirely off, only weak SS station heard in their absence. (TRH-CA)
- 680 KLDY WA, Lacey 9/21 1815-1836 good reception. Female annrc, soft rock music, ad for Sound Nautilus. "So keep listening to K-Lady," reading of job listings. (KM-WA)
- 690 KVNA AZ, Flagstaff 10/13 0032 finally heard this call change, ex-KZKZ. Weak w/CBU/XETRA but faded up at right time with promo "...congratulations to ???, you've won \$150 from KVNA." YL DJ. Faded out. (RW-CA)
- 720 KDWN NV, Las Vegas 9/28 2305-2315 good w/musical variety & 1940's jazz. Ad for Hacienda Hotel. (KM-WA)
- *KDWN* 10/13 0725 noted with ID "This is KDWN, Las Vegas, Nevada, in experimental operation," OC. (RW-CA)
- 730 KIZN ID, Boise 10/15 0253 with ID atop KCBS-740 slop. No CKLG/XEX. Utempo C&W music. Kizzin 93 and Kizzin Country slogans. News 0254-0257 then promo by Dale Evans. Legal ID by woman 0300. (DKK)
- KDAZ NM, Albuquerque SM 10/5 0108-0128 very good in XEX null. Christian songs, numerous IDs by DJ "Nick," invitations & prayers. Sked 0800-0200, per station, will be 24 hours soon (no exact date set). New, NM #19. (TRH-CA)
- CKLG BC, Vancouver 9/21 1838-1845 good w/male annrc, rock music. ID at 1843 "LG 73," "It's 18 degrees in the Expo City." Played top 30 hits. (KM-WA)

- 740 *KCBS* CA, San Francisco 10/12 0650 noted with OC. (RW-CA)
 KTRH TX, Houston 10/12 0329 PSA's for a rehabilitation hospital & the Salvation Army read live, station promo, into Mutual News (leading to Jim Bohannon). Over unID (KCBS?). Poor, ripply fading. (SP-HI)
- 750 KXL OR, Portland 9/21 1846-1852 fair with Talknet with Sally Jesse Rafael. Ad for Sunset Summit Apts. Annet. about Lawn & Garden Show. (KM-WA)
- 760 KGU HI, Honolulu 9/28 0957 atop nicely with ID. Rare here. (DKK)
 CKQR BC, Castlegar 10/6 0015-0107 good with soft rock music. 0030 heard relig. program called "Cornerstone." 0100 heard news program called "The News Radio Report." (KM-WA)
- 790 KFLI CA, Eureka 10/1 2131 ended song & gave clear ID, ex-KEKA. (DKK)
 800 ?KPDQ? OR, Portland tentatively in briefly 9/26 2253 with call letter ID. (GK-CA)
- CKOK BC, Pentiction 10/12 0659 ID atop XEROK et al. (DKK-CA)
 820 CHAM ON, Hamilton good 10/8 0408 with PSA mentioning Hamilton, and "Cham" ID's. (GK-CA)
- 830 KABN AK, Long Island-Big Lake 10/13 0224 good at times in WCCO null after KNCO s/off. Looking for KFLT. Flood info in Long Island area, several "Cabin" ID's, sounded like an emergency broadcast. (RW-CA)
- 840 CKBX BC, 100 Mile House 9/29 0730-0900 in nicely after WHAS fade out. Many Cariboo ID's. Remained atop when KSWB s/on at 0859 $\frac{1}{2}$. Heard often these hours since. (DKK-CA)
- 870 KROL NV, Laughlin-Las Vegas 9/28 0218 with ID atop WWL/KIEV finally. Has been heard regularly since. Nice GY channel here. (DKK-CA)
 +10/13 in passing when setting up for 873 kHz monitoring; ID at 2142 nicely atop channel! Thanks TRH for address listing in 10/11 WDKR; also for CIOF-1040 address; will try to get reports off to these. KROL was Nev. #30 log. (I was "DKing" when KOH was lone Nevada station; first LV hit the air in 1940 I believe.) (RHM-WA)
- 900 CJVI BC, Victoria 9/21 1855-1902 good with male anncr Peter Williams. Soft rock music. News at 1900 with female anncr. (KM-WA)
 ?CHML? ON, Hamilton MM 10/6 0500-0552 presumed them with fair signals. "Newsradio" network news with Phil Cochran, OM with AdCon-GHR mix, EDT TC's, baseball scores beginning with how the "Jays" did yesterday. CHML is the only listed Newsradio affiliate on 900. (TRH-CA)
- 960 ?CFAC? AB, Calgary 10/12 0325 man with TC of "1:25" and partial ID "...in Calgary," a "Today in History" bit and another partial ID "C-F-...", into C&W music. Very poor with ripply signal, lost to two unIDs o/u (one of them probably KABL). (SP-HI)
- 980 (KFWB) CA, Los Angeles 10/5 0550 noted totally off. Returned at 0600. 3rd time this year I've noted a SM SP for this station. (TRH-CA)
 ?CKNW? BC, New Westminster 10/12 0344 "Taken In" by Mike and the Mechanics, into SS MOR music by Julio Iglesias; female DJ and man with ads in EE. Poor to very poor, ripply co-channel QRM. (SP-HI)
- 1030 KTWO W, Casper 10/12 0350 woman with sports news including Wyoming prep scores & ment. of CBS baseball coverage. PSA for WY Early Childhood Annual Conference, tagged with ID "K-Two, your good neighbor," into "Call Me Al" by Paul Simon. Fair/poor, KLHT-1040 QRM. (SP-HI)
- 1040 CIOF BC, Vancouver 10/13 0949 with TC and mention of Vancouver and BC general elections. "10-40 AM" slogan, mellow pop music. (GK)
 ?CIOF? 10/12 0318 station noted for first time u/KLHT playing "Human" by The Human League, "Baby I Need Your Loving" by the Four Tops then DJ gave ID "...Ten-40 A-M Radio" & ment. closing activities at Expo 86 (such as more fireworks displays) into "State of the Heart" by Jackson Browne. Poor. (SP-HI)
- 1060 CFCN AB, Calgary 10/12 0353 "Take My Breath Away" by Berlin, then song "I Can't Hold On." DJ Garfield with 2am TC and some line about Thanksgiving Monday ("if you can't eat turkey..."). Into song "Back Off" & other Canuck rock music. Faded out at 0403. Fair/poor with unID station in back with Jim Bohannon (KPAY?), white noise static. (SP-HI)
- 1230 KELY NV, Ely 10/2 2202 popped atop with s/off & SSB. Big surprise. (DKK-CA)
- 1320 KOLT NE, Scottsbluff 10/5 0659 poor u/KBUG/KGNR with promo for a Sat. morning program. ID by OM as "Your Information Source, KOLT Radio, Scottsbluff, Nebraska." New, NE #4. (TRH-CA)

- 1360 KPOP CA, San Diego 10/2 0105 with ID after news. NOS type music o/ KEEN-1370 slop et al. Ex-KPQP. (DKK-CA)
- 1370 ?KEEN? CA, San Jose 10/12 0410 tent. with Lionel Richie's "Little Woman," into "Somebody Wants Her Back" before losing it. Poor, KLNI-1380 QRM, unID co-channel and ripply. (5P-HI)
- 1400 KBLX CA, Berkeley 9/9 with ID 1322 (ex-KRE). Was on the freq. 8/13 at time they changed over from KRE but they didn't ID at time and it was weeks before I knew what had happened. (DKK-CA)
- 1530 *KFBK* CA, Sacramento 10/12 0519 noted with OC. (RW-CA)
- 1540 KNZS CA, Aptos-Capitola 10/1 1255 with ID, first day with new calls ex-KMFO. News & info format. Buried nights by KSKQ. (DKK-CA)
- 1560 KLKE TX, Del Rio MM 10/6 0412 fair-good with OM PSA's, promo for "The Mayor's Report" Wednesdays at 10:30am, clear IDs such as "Your information station, AM 12-30, KLKE," caught on tape. Reception details confirmed by call to station, but CE did not know anything about them being on 1560. Definitely not a receiver-produced image--I live right down the road from a sloppy C&W station on 1240 which ruins reception on 1230. Also, can't be a CP, because XERF-1570 is right across the border. Weird! New, TX #33. (TRH-CA)

UNIDS:

- 630 10/12 0339 station u/white noise static ("surf" noise) with Jim Bohannon. KOH or KIDO? Very poor, KIPA-620 QRM. (5P-HI)
- 690 10/7 0407 oldies station way u/KHEY, CBKFI during XETRA SP. Looped east. Suspect WTIK. (TRH-CA)
- 1410 10/12 0413 "I'm A Believer" by the Monkees, probable ID lost in the mud, then "My World is Empty Without You" by the Supremes, then "Stoned in Love With You" by the Stylistics. CFUN? Poor-very poor, co-channel QRM & KCCN-1420 slop, deep fades. (5P-HI)

Since there are no new reporters to WDXR this week I'll take this opportunity to give some guidelines on how to report to the column in case you are a new member not sure how to send a report. Use the same format that you see in the column (don't forget your initials on each tip!). Use eastern time (Pacific + 3, or Mountain + 2). Give date & time, program details of what you heard, and how well the station was coming in. I cut all the tips apart, then tape them all together in frequency order, so use only one side of the paper. If there is anything on the back of the paper I won't see it to type. If you are in NRC also and would like to send reports for both clubs in the same envelope, you are invited to do so. Just make sure that you send two reports--one for each club. ♡

Portland Oregonian, Sept 19, 1986
via Frank Aqen

Portlanders 'lose' radio in Bay area

Portland area residents who can no longer hear their favorite San Francisco radio shows at night have been complaining to the local office of the Federal Communications Commission, only to learn that it is an FCC policy that is to blame.

For years, San Francisco news-talk station KGO has had a clear nighttime signal in Oregon and further north, at 810 on the AM dial. Talk show hosts Michael Krasny and Ray Tallferro regularly received calls from Oregon and Washington listeners.

On Sept. 8, Portland's KPdq, which had been a daytime station, extended its hours to midnight at a reduced power of 500 watts. The station is at 800 on the AM dial. In and around Portland the nearby 500 watts overpowers KGO's 50,000 watts.

Elizabeth Lazarus of the Portland office of the FCC has been receiving eight or nine calls a day from irate KGO listeners. She said a radio treat-

ty signed with Mexico in August decreased the protection that clear channel stations in both countries receive in order to favor local nighttime radio services.

Clear channel stations were designated in the early days of radio to serve large rural areas. The FCC decided the policy is no longer necessary.

Although the stations are on different channels, most inexpensive AM radios are not designed to separate stations so close together.

"A lot of radios suffer from lack of selectivity," Lazarus said. She said she has told complaining callers that a receiver with improved selectivity and perhaps the use of a high outside antenna could help.

But Evan Oulashin of Portland Radio Supply, who has had people ask about such radios just to hear KGO, said few radios have the selectivity required to solve the problem. Expensive communications-grade receivers with adjustable selectivity should be able to pick up KGO without receiving KPdq, he said.

Bruce Schirmer, KGO's chief engineer, said people who want to hear KGO first should try moving their radios. AM sets with built-in antennas can sometimes be rotated, he said, "to optimize one station and null out another."

Summer 1986 Arbitron Ratings

Los Angeles (LA Times, 10/10/86 via S. Mittman)

1. KIIS-FM 6.9	5. KOST-FM 4.1
2. KABC-AM 6.7	6. KRTH-FM 4.0
3. KPWR-FM 6.6	7. KBIG-FM 3.9
4. KJOI-FM 4.4	8. KLOS-FM 3.7
9. KROQ-FM 3.6	
10. KNX-AM 3.5	

Philadelphia (Ph. Inquirer 10-13-86 via R. Evans)

1. WMMR-FM 11.5	6. WMGK-FM 5.0
2. WEAZ-FM 7.2	7. WPEN-AM 4.7
3. WUSL-FM 6.9	8. WCAU-FM 4.0
4. KYW-AM 6.5	9. WCAU-AM 4.1
5. WWDB-FM 5.3	10. WDAS-FM 3.9

At. Louis (SL Globe Dispatch 10-17-86 via B. Portzer)

1. KMOX-AM 20.0	6. KYKY-FM 5.4
2. KSHE-FM 12.9	7. KSD-FM 4.2
3. KMJW-FM 6.6	8. WIL-FM 3.6
4. KEZK-FM 6.5	9. KUSA-AM 2.9
5. KHTR-FM 6.0	10. KWK-FM 2.9

DX WORLDWIDE EAST

EDITOR: Jim Hall, 240 Byron Road, Pittsburgh, Pennsylvania 15237

Pan-American DX conditions have certainly bottomed out since the weeks following the fantastic auroral enhancement in mid-Sept. At present, things are very quiet, and still only a few TA's being heard as well as the usual low-band Cubans. Gardner Smith reports the possible Ecuadorian HCHP4 on about 1196.8 s/off at 0400Z w/NA, and wonders if there are any vendors of NA cassettes. Good question - I don't know of any but will check around. Anyone else know of any? Also, Gardner mentions the following: Re CM1M-1530 tentative receptions (Incl mine of a possible SS Texan here), the genuine Cuban uses an IS of four ascending chimes or tones. I will look for these the next time they're in. And a mystery on 1566: Gardner got French here one night (no time specified) -- Tunisia is all Arabic, Switzerland is German, and Azores is of course PP. Maybe Bill Harms can help here, but I'd say there's a fair chance of either Tunisia or Switzerland running some FF, or maybe you had Azores (In PP, which itself sometimes can resemble FF in static conditions). Letter from Tom Jasinski reports the 830 "Radio One" I reported may very well have been Belize and not Jamaica as originally suspected. Tom heard "Belize Radio One" ID's by a w the same night I had them in, and also ment's of 830, 910, 930, c 940 kHz, as well as 91.5 MHz FM, followed by reggae mx. Thanks, Tom, and I too have weighed the info on hand and decided it was obviously Belize heard that night. I was just thrown by the Radio 1 ID as I couldn't recall ever seeing them using it. By the way, some of the help on IDing this also came from a recent forum by Karl V. Jeter in Stone Mountain, Georgia. Thanks to you too, Karl. Also, Tom mentions hearing a "San Martin" mention on 1130 @0102 9/13 amid several SS stn's. OAK90 in Peru is listed in '85 WRTH, as well as the '86. Tom, I wouldn't hesitate one bit to say you had Radiodif. San Martin (although you hrd no clear ID's) since LACX 9/12-14 were just spectacular as you know if you read the recent DXMM-E's. Did you have a recorder on it at the time? Just a few tips this week; there may be more from me next week if I'm in town long enough to DX. Times are UTC:

* * * * *

TRANS-ATLANTIC DX

1134 SPAIN, 0213 10/10 : V. gd at times w/SS vocals. (Hall-PA)
1593 WEST GERMANY, Langenberg 0220 10/13 : Very strong, het notched. Pop mx. (Hall-PA)

PAN-AMERICAN DX

825 ST. KITTS, Basseterre 0125 9/1 : Radio Paradise w/rigs pgn in EE, ID on hour as "Radio Paradise", TC. into more gospel. Nice signal. (Ross-ON)
1127 COSTA RICA, San Jose 0126 10/9 : "Sonido" ID, 70's EE pop mx. Really in well but occ would drop out almost completely in non-AU cx. (Hall-PA)
1580 ANTIGUA, St. John's VOA 0025 9/17 : VOA Caribbean Report w/Carol Pearson. ID as "VOA Washington D.C.". Address given. In w/CBJ. New. (Ross-ON) (Congratulations Robert, this is becoming increasingly harder to hear with all the extended US day-timers going AN on this Canadian Clear. ed)

VERIFICATIONS:

1314 NORWAY, Kvitsøy : Rec'd QSL card and Radio Norway sticker, in Norsk Rikskringkasting mletter. in about 39 days. (Hall-PA)

TADX Out of Order:

891 t ALGERIA, Alger 0325 10/1 : RTV Algerienne, poor w/traces of AA mx/talk putting 10yd het on 890. No ID heard, but now if it's them. (Ross-ON) (I'd say you had them, frequently hrd in the Northeast with massive signals. An ID is tough here. ed)
1566 t AZORES, 2305 10/10 : Music noted in slop - strong at times. (Hall-PA)
1575 PORTUGAL, Port Canidelo 0220 10/13 : Definate PP talk and some possible PP-vocals in pop mx. Unneeded. (Hall-PA)

CREDITS:

(Ross-ON) Robert S. Ross, Box 4373, Stn. C, London, ON CANADA N5W 5J2
(Kenwood TS430S, 50' longwire, 4' Box Loop)
(Hall-PA) Jim Hall, 240 Byron Road, Pittsburgh, PA 15237-4015
(R-7), TRF, Bev's et al)
Gardner Smith, 1000 Perry St. N.E. Washington, D.C. 20017
Tom Jasinski, 503 Jensen St, Shorewood, IL 60436

And so another week passes with only mediocre conditions, a real contrast to last month at about this time (mid-Oct). I don't know if any really good openings have occurred as I have not been at the dials much; there is a good report from Bill Harms, however, with his European loggings. I have done bandchecks, and the Cuban Rebelde jammer on low-band seems to be regularly assaulting 590 - has a FL stn gone SS here (as did 710)? If you hear a TVI-like double-carriered signal just below/above 590 it's very likely Cuban. On with this week's tips, and lets hope for some good LA/TA conditions. Times are UTC/GMT:

* * * * *

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

- 550 CUBA, 0231 9/16 : Radio Rebelde, poor with opera singing by man. In with WGR-Buffalo, NY. //590. (Demmitt-PA)
- 570 CUBA, 0159 9/16 : Radio Relej w/time pips (pulses? ed) and tones. ID's and nx by man and woman. Another SS stn in background. (Demmitt-PA) (John, the other SS here is more than likely Radio Rumbos Venezuela as often hrd at my location. See also my comment on your next 570 rpt. ed)
- CUBA, 0239 9/16 : Poor -- the stn u/Relej is //590 w/record of man singing. (John Demmitt-PA) (In the rustling of stations, music, especially the very similar uptempo Spanish vocals of Cuban fiesta/rumbo mx and Venezuelan mx, can sound parallel at first listening; I'd say the stn under Radio Relej was 99.999% (stolen from a Bill Harms help w/unID, hi) likely to be the Venezuelan - It is often heard here under the Cuban, and is the only other LA perlod that seems to be heard on 570 in the East besides Cuba. If you have no current Cuban listings, take a look at the Cuban BCing article which will hopefully appear in DXM, for an accurate Radio Rebelde list. And if the stn in question is in again, John, check 670 for the parallel (the one with the descending doorbells accompanying nx) or 9660 kHz if you have SW capability. ed)
- 580 CUBA, 0250 9/16 : Radio Rebelde, fadey. Two ancrs, m & w, record. (Demmitt-PA)
- 590 CUBA, 0150 9/16 : Rebelde good w/man singing to xylophone, and strange opera-like sounding before band joined in. ID jx @ 0157 after nx briefs. (Demmitt-PA)
- 600 CUBA, 0140 9/16 : Rebelde w/fast talking woman, mx at 0143, rooster crow at 0145. (Demmitt-PA)
- 640 CUBA, 0133 9/16 : Poor, man introduced record. Under WHLO-Akron, OH. (Demmitt-PA)
- (680) PANAMA: The possible Panamanian here seems to have recovered - het/carrier no longer hrd. (Hall-PA)
- 710 CUBA, 0118 9/16 : Radio Rebelde w/Spanish flute mx, ID at 0119. In with WOR-New York. (Demmitt-PA)
- 720 CUBA, 0303 9/16 : Radio Rebelde w/nx - item from Peru. ID and mx. Hearing "pings" (sounds just like sonar) at times. (Demmitt-PA) (John, is there a strong local near you on 710 or 730? ed)
- 780 CUBA, 0110 9/16 : Good w/record "Where You Are", ID and some QRM from WBBM. (John Demmitt-PA) (John, what was the ID here? There is no Cuban on 780 - I'd say you had either Venezuela which is occasionally very strong early evenings in permitting cx, or as an outside possibility the Colombian Almirante. Of course, with Cuba, new outlets on new freq's are nothing new and you may be right. I'll keep an eye out here, and let me know what your ID was here. ed)
- 800 NETHERLANDS ANTILLES, Bonaire PJB TWR 0337 9/16 : Good - man talking about "Bible mentality" in church...needs of a Church. (Demmitt-PA)
- 1165 ANTIGUA/BARBUDA, ? : I can't remember when I hrd this again recently (not noted), but I'm interested if anyone else in the East has experienced LOUD reception (as I did) from this LA only when even the Cubans weren't in, and TA's were. The signal characteristics (propagation) were quite unusual the evening they were in here. (Hall)
- (1196.8) ECUADOR: No word on tape report yet. This seems also to have recovered to another (1200) frequency as it's no longer hrd. There is, however, still a het from an LA on the high side of 1200 - maybe ex-1196.8? If this was Ecuador, great, but if not it will likely remain unIDed forever. (Hall-PA)
- 1610 ANGUILLA, C.B. at 0330 9/16 good w/ID, program "Sunshine" -- panel of people discussing school. (Demmitt-PA)

DX REPORT FROM BAVARIA, SOUTHERN GERMANY:

- 963 NORTH SEA, (off the coast of England) : Radio Caroline noted here most every evening w/syndicated plgs pgmning in EE, mostly from the US. Betw pgms I have hrd the slogan "Nine-six-three". Usually good with the QRM partially nulled...aren't loops wonderful? (Harms-FRG) (You bet, Bill... ed)

- 1107 GERMANY, West Berlin, AFN : The only time I have been able to catch an ID is right before the network mx at 0600 various dates. They always say "It's 7 o'clock in Berlin". (Harms-FRG)
- 1143 WEST GERMANY, Stuttgart AFN : 0527 on 10/13 finally nailed this one down with the Yugo null. Heard "Power Station" slogan, oldies and "Breakfast Birthday Club". (Harms-FRG)
- 1152 ENGLAND, Norwich Radio Broadland 10/15 at 0011 : Jazz mx ID and DJ talk. Fair under and with LBC. No Romania this late (Romania is the early evening "Channel Hog", hi!!!!) (Harms-FRG) (drool.....ed)
- 1170 ENGLAND, Ipswich Radio Orwell 10/13 2349 : Heard an ID and possible test tone. Fail with the East Germans partially null. (Harms-FRG) (Real pests, huh? hi ed)
- 1323 ENGLAND, Brighton Southern Sound : The dominant in the mess with oldies and local ads. 10/13 0516, the lady DJ gave a program summary for the upcoming day. She mentioned "The New Look of Southern Sound". (Harms-FRG)
- 1510 UNITED STATES, Boston, MA WHRE 2340 10/12 : Phone-in talk show about the RBI Leaders in the American league and the Bosox. (of course). There was another station that faded up with the song "Winding Road" at 2351 - WLAC? (Bill, I should know since I enjoy CSW mx, but is Winding Road country? If it's the one by NGDB I'd bet WLAC as you suggested. ed) Otherwise, there was a 3 to 4 Hz SAH noted. Jim, it seems that North American stations are more consistent here than in Maryland despite being further away from the ocean here. (Harms-FRG) (At least you'll feel at home, hi)
- 1557 ENGLAND, Sussex? There is a new station here. The name is unknown. First heard here in a testing mode with oldies and announcements 10/11 0250. A male ancr said that this station would serve Southampton? and the test was being conducted by engineers from IBM. He also said that 10 to 12 am was the time that regular service would begin, but I didn't catch the day. This is an IBA station. (Harms-FRG) (Bill, Southampton is right next to Sussex County, isn't it? ed)

* * * * *

CREDITS:

- (Demmitt-PA) John H. Demmitt, Box A #K0848, Bellefonte, PA 16823
(Sony ICF-55W w/built in ant)
- (Harms-FRG) Bill Harms, Box 961, Bad Aibling Station, APO New York, NY 09098
(R-2000, 30-meter longwire, 1-meter high 'Wedge')
- (Hall-PA) Jim Hall, Editor, 240 Byron Road, Pittsburgh, PA 15237
(lccm, Bev's)

A \$20 MILLION RADIO STATION THAT DOESN'T WORK?!?!?!?!?!?

By: John H. Demmitt, Box A K0848, Bellefonte, PA 16823

On March 6, 1986, House bill H.R. 4343 was introduced into Congress that would establish a Spanish language radio station that would transmit programming of news, commentaries and other information of interest to those in Nicaragua. The bill would direct that the station come under the VOA (Voice Of America) standards to ensure the programs would be objective, accurate, balanced and would present a variety of views. The funding of the station would be taken from appropriations currently available from the United States Information Agency (USIA) and in the event additional funds were needed, supplemental appropriations could be requested from Congress.

The preliminary costs of the independent facility which would include such things as a studio in Washington, D.C., a satellite transmission system for feeding programming, buildings and land in Central America, a 100,000 watt AM (MW) transmitter, security systems, antennas, generators, parts, salaries, etc. is roughly estimated at the cost of \$20 million for the first year of operation.

In spite of the large amount of money involved and the high powered 100,000 watt transmitter, there are political, legal and technical problems.

- ... It is not feasible to use the current VOA sites operating in Costa Rica and Belize as these stations cannot serve the main target area.
- ... Honduras is too close to the target area to provide a good nighttime skywave pattern and the rugged topography of the area which consists of poor soil, rocky hills and mountains makes coverage into the populated area of Nicaragua on the daytime ground wave impossible.

- ... The approval of the host country would be needed for the transmitting site and frequency selected.
- ... Central America already has a severe congestion of stations operating on the AM (MW) band and as a result, some stations already on the air will suffer interference. Furthermore, a problem of interference with stations in other countries of Central America, Mexico and even the United States must be resolved before this station is put on the air.
- ... The International Telecommunications Union permits a station to use 100,000 watts during day however at sunset, the station must reduce its power to 50,000 watts which will greatly affect the coverage of the target area.
- ... Consideration must be given in the event Nicaragua decides to jam the VOA signal.

In view of the facts stated above, the spending of \$20 million is not justified because by all technical standards, this station will not be able to serve the main target area of Nicaragua. The purpose of the station is to get the signal to the populated part of Nicaragua but by looking at the map of Central America, one can see that the radio signal just will not do the job Congress expects it to do.

One possible solution to this situation would be to set up a series of synchronized AM (MW) transmitters in Honduras and Costa Rica bordering Nicaragua. The network of VOA transmitters could be enhanced if another transmitter were placed aboard ship in the international waters outside of Managua. By strategically placing the synchronized transmitters, most of Nicaragua would be covered with the VOA signal. The job can be done with less powerful transmitters and at a more reasonable cost.

HERE IS THAT LIST OF COMPUTER BBSs
FOR HAM RADIO AND FOR SHORTWAVE LISTENERS

```

ACE:::::::::::913-677-1288
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ARCC::::::::::612-431-1149
BOARDS GALORE::::416-598-1934
COMMODORE HAMS::::816-241-1012
COMPUSERVE::: GO HOM 11 AT ANY PROMPT, FOR HAM RADIO ALSO
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73 MAGAZINE::: 2200-1200 WEEKDAYS, 24 HRS WEEKENDS
THIS LIST WAS IN THE SHORTWAVE PUBLICATION CALLED:::
DX REPORTER, A FEW MORE ONES WERE ADDED BY ME.
CORRECTIONS, AND LISTS OF NEWER BBSs FOR THE
SHORTWAVE LISTENER OR FOR HAMS, PLEASE SEND THEM TO:::
ROB HARRINGTON, BBS LISTS, P.O. BOX 21564, DENVER, CO, 80221
OR TO ME VIA COMPUSERVE EASYPLEX, 70216, 222 OR VIA
FIDO TO NET 104/NODE 611
THIS IS THE OCTOBER 1, 1986 EDITION OF
BBSs FOR THE SHORTWAVE LISTENER OR FOR HAMS.

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DX Worldwide - West



PAT MARTIN
P.O. BOX 843
SEASIDE, OR 97138

Time: UTC phone (503) 861-3185

DEADLINES: 10/28, 11/4, 11/11, 11/18

DX this week seems to be picking up for several I haven't received reports from for a long time. Nice to see Randy Seaver and Glen Kippel back in the pages again. Report often. In DX News of this week: From DX AUSTRALIA: The proposed ABC station 3WA-756 KHZ to serve NE Victoria is still a long way off. An inspection of the site at the end of June showed no sign of a start on transmission facilities. Festival City Broadcasters (5AA) has been granted permission by the Broadcasting Tribunal to purchase two South Australian stations 5AU and 5RM. Assurances were given that they wouldn't be turned into "Racing Stations". In other news closer to home: I received a letter from Steve McGreevy (Ex IRCA), vacationing on the Big Island at Hilo. KAHU-1060-1KW-Polynesian Programming is due on the air by the First of November 18 hours a day (Presume 6AM-12 Midnight). They have been running Equipt. Tests during the day. I checked this last MM (10/20), no sign, just KPAY with tests and a weak CFCN. Hawaiians were quite good, so if they were on, I presume they would have made a showing even if weak. The engineer is going to want reports. Hopefully I will be able to give you an address in the next few weeks. Nowon with reports:

PAN AMERICAN DX ROUNDUP

- 770 COLOMBIA, Bogota-Emisora Nueva Grenada 0132 10/7 with man reading mx, several RCN mentions, good o/KOB. (WOLF-MB)
UNID MEXICO, hrd nightly until 0700 s/off, with U.S. Hit mx SS ancr, believe the ancr ment. Los Mochis? (TRH-Ca)
- 1050 CUBA, Guines-Radio Cadena Habana 0248 10/7 with ID "transmite Radio Cadena Habana" time check by woman, lite mx, poor in three way battle w/KRLD/KVNI all evening (WOLF-MB)
- 1110 VENEZUELA, Radio Carupano-0102 10/7 surfaced above KFAB w/lively mx carted IDs by man, doorbell sounds and dialogue by male ancr, fair until 0125...ID really emphasized the "U" like Radio Caroooooooooapano. (WOLF-MB)
- 1470 UNID 1202 9/25 w/ranchero mx, two identical spots for Farmacia Santiago at 1205 and 1219, fair o/KHND. (WOLF-MB)

TRANS-PACIFIC DX ROUNDUP

- 236 U.S.S.R., Magadan-10/13 at 0918. Poor w/RR talk (JW-OR)
- 281 U.S.S.R., Yuzhno-Sakhalinsk-10/13 at 0922. Poor w/RR talk and mx. // with program on 236, prob. a satellite feed from Moscow. (JW-OR)
- 567 UNID, DU prob 2YA Wellington, weak audio, good het w/KLAC-570 9/18 1305 (RS-CA)
- 576 UNID, DU probably 2FC-Sydney, classical mx 9/3 at 1135 fair audio, 58+1 best, weak audio EE 9/11 1302 S6+0 DB (RS-CA)
- 650 ALASKA, Anchorage-KYAK-10/11 at 1031 Good w/ CISL partly nulled, ID C&W. DJ Jim Hamilton mentioned local High wind warning. (JW-OR)
- 657 PEOPLES REPUBLIC OF KOREA, Radio Pyongyang is not as strong as it used to be. Usually weak to fair in AMs 10/10 1312 w/good het. Weak audio S6+4 DB, KTNN-660 really cuts into this now. (RS-CA)
- 666 UNID, Far East weak audio 10/11 1324, no ID on language. (RS-CA)(Prob. the JJ.PM)
- 720 U.S.S.R., Yuzhno-Sakhalinsk-10/13 at 0947. Fair during KDWN SP over WGN. AT 0959, musical IS, pips on hour, RR talk. Female vocalist. Either off the air abruptly, or faded shortly after 1000. (JW-OR)
- 729 JAPAN, Nagoya-JOCK hrd frequently w/het on 730, audio good 10/14 1324 S7+5 DB (RS-CA)
- 747 JAPAN, Sapporo-30IB-regular AMs but with KFMB sloop that cuts into audio, 10/10 1309 S9+0 DB (RS-CA) (Randy: KXL-750 gives them some trouble even 75 air miles away here, at times.PM)

- 750 ALASKA, Anchorage-10/11 at 1047, Poor to fair w/KXL nulled. MOR mx ID on the hour. (JW-OR)
- 760 HAWAII, Honolulu-KGU-1227 9/28 w/phone talk show 1230 ID and TC, promo for upcoming program, poor and alone (WOLF-MB) (Good catch for that far East. PM)
- 774 JAPAN, Akita-JOUB usually best signal from JAPAN, but suffers from KFMB 760 slop 10/10 1310 S9+2 (RS-CA)
- +Also noted strong w/JJ talk 10/13 1239 (GK-CA)
- 819 NEW ZEALAND, Rotorua-1YZ good 9/18 1300 w/inst. mx up to the hour, 6 pips through the mx, then female into nx. No ID hrd, prob. a TC but hard to catch. Ments. of NZ thru out nx. (RS-CA)
- 819 PEOPLES REPUBLIC OF KOREA, Pyongyang-loud 10/13 1232 w/KK talk and March mx (GK-CA)
- 828 JAPAN, Osaka-JOBB most readable JJ here even w/KNCO on. My bellweather station for the FE 10/10 1258 S8+5 DB (RS-CA)
- AUSTRALIA, Sale-3GI clear easy listening Jazz, male talk 9/13 1236 S7+3DB best. (RS-CA)
- 837 t AUSTRALIA, Rockhampton-4RK presumed 9/13 1302 with nx in EE S7+0 DB best. (RS-CA)
- 846 KIRIBATI, Bairaki T3K1 strong carrier, fair modulation w/Island mx 9/16 0809 (GK-CA)
- 873 JAPAN, Kumamoto-JOGB strong 10/13 1403 in JJ (GK-CA)
- 891 UNID, Far East great het on KDXU most AMs JOHK used to be dominant here before KDXU came on. (RS-CA)
- 954 JAPAN, Tokyo-JOKR-fair with male and female talk, commercials in JJ and JJ Pops at 1120 on 10/20. (PM-OR)
- 972 UNID, Far East probably Korea, good male in KK 10/3 1316 w/970 slop, Best S9+4 DB. (RS-CA)
- 1008 NEW ZEALAND, Tauranga-1ZD noted 9/11 1253 //1035 (RS-CA)
- JAPAN, Osaka-JONR, hrd w/ female in old JJ mx (Triditional) w/USSR ORM at 1116 on 10/20. (PM-OR)
- 1035 NEW ZEALAND, Wellington-2ZB often good level 9/11 1203 S9+0 DB best w/male giving news, pop mx later. (RS-CA)
- UNID/UNID 10/13 1308-1400 CC singing over Ort. talk, def. not // NHK2 weak to fair At 1400 slow time pips mixed w/KBS? pips. HLCP and Taiwan (GK-CA)
- 1044 PEOPLES REPUBLIC OF CHINA, Shanghai-this station is occasionally strong usually has XED slop. Fair w/anthem mx 10/10 1300 S8+3DB (RS-CA)
- +Also noted strong 9/26 1157 w/CC (GK-CA)
- 1206 UNID Far East probably Yanbien, 9/3 1151 in KK good audio S8+0 DB, difficult w/semi local KPRZ-1210 on (RS-CA)
- 1287 JAPAN, Sapporo-JOHR- OK w/JJ talk and short musical interludes in JJ 1136 on 10/20. (PM-OR)
- 1503 UNID, DU het weak audio male in EE 9/18 1312 S6+4 DB. First time hrd a signal here. (RS-CA)(Could be NZ or Aussie, both hrd here.PM)
- 1566 REPUBLIC OF KOREA, Cheju-This station is occasionally excellent as of 10/11 1317 S9+8 DB but less consistent than JOBB-828. Probably a high frequency propagation phenomena. Suffers from slop from XEBG-1550 and KDAY-1580. (RS-CA)
- +Also noted powerful signal w/KK talk 10/13 1254. (GK-CA)
- 1620 AUSTRALIA, Brisbane-4RPH, vy good o/presumed 7RPH w/talks on books in the nx at 1055 on 10/20. Best heard in long time. (PM-Or)
- 1629 t AUSTRALIA, Melbourne-3RPH -presumed the source of the weak RPH after 1200 on 10/20. A stronger signal earlier presumed 2RPH, but the weaker on hrd later w/diff. ancrs. (PM-OR)
- t AUSTRALIA, Sydney-2RPH-10/11 at 1141 vy weak Female voice w/DU accent. Ment. Football and Sydney. (JW-OR)

THANKS TO THESE GREAT REPORTERS:

- TRH-CA TIM R. HALL-350 G. Street F-1-Chula Vista, California 92010
- GK-CA CLEN KIPPEL-612 West Avenue-Merced, California 95340
- SP-6003X17, 8 Foot single turn loop.
- RS-CA RANDY SEAVER-1154 Via Trieste-Chula Vista, California 92011
- HQ-180A, Sanserino Loop
- WOLF-MB NEIL J. WOLFISH-867 Wicklow Street-Winnipeg, Manitoba R3T 0H9 (CANADA)
- Sony 2010, Long Wire.
- JW-OR JACK WOODS-Post Office Box 1003-Waldport, Oregon 97394
- SONY ICF-2010, DA100D Active ant., Martens loop.
- PM-OR YER EDITOR
- SP-600-3X17, E.H. Scott RBO-2, 1500 East Bev, 200' NNE Term. LW, Grounding system.

EASTERN DX FORUM

RICHARD EVANS
P.O. Box 1294
NORTH WALES, PA 19454

Deadlines: Fridays

This column typed: 10/19/86

Gerry Thomas, P. O. Box 2036, Pensacola, Florida 32513

Boy, it's been a long time since I've written in to this column! Radio Plus+ is going fine and taking up huge chunks of time which explains my absence from these pages (and from DX chasing). After a year and a half in business I can say unequivocally that the customers are GREAT but the suppliers can be a giant pain in the patoot! Case in point: I am presently trying to recover my deposits from a printed circuit board manufacturer which, after months of delay in delivering the Phase One and Superloop circuit boards, finally filed for bankruptcy in May. To make matters worse, I re-submitted the order to another company which promptly delivered defective boards in July. Right now the frustration level is so high that I want to abandon the whole manufacturing scene. To those of you who wished to be notified of the availability of the Phase One and Superloop, I can only say I'm still up in the air (hopefully an upcoming weekend in the Smokies will settle me down a little). Meanwhile, the Sony ICF-2010 continues to be the hottest seller by far and is, in my opinion, easily the best portable general coverage radio on the market. On the local radio scene, WCHZ-980 is now WFXP ("The Fox of Pensacola") dropping Talk Radio in favor of "the heart and soul of rock and roll" which is mostly '60s Motown. Before the change, they announced they would be upping their power to 10 kw, going NSP, and adding stereo...no sign of these changes yet. That's about it from here. 73's and best DX. GT.

Ernest Cooper, 5 Anthony Street, Provincetown, Massachusetts 02657

I hate to see controversy creeping into The Monitor! It recalls how the IRCA was created back in the early 60's - from controversy which appeared in the NRC's DX News. One thing the IRCA does not need is another similar split. I'm sorry to see Rob Kramer give up his column, and I would hope he would re-consider. But I agree with him, that local or 50 kw "tips" don't have any DX value, and that is, after all, the reason for his and the other two Roundup sections - to give tips to other DXers. One exception would be if you were to mention your local signs on at, say, 0558 ahead of the 0600 s/ons, then that would be a valuable tip! There's been a lot of daily local receptions reported in the Eastern DX Roundup by New York City area DXers. A lot of the stations they report in Eastern DX Roundup were (and still are) daily regulars when I lived in Brooklyn! (See the froum from Karl Zuk following this one--rce) To those wondering what happened to the vote of the Board of Directors from last season, the vote was taken, but the resigned president never forwarded the results to IRCA HQ, so the vote has just been re-taken, and you'll soon, I trust, be seeing the results in a future DX Monitor. Some lately-received veries: WGAB-1550, ex-WMLB, now running AN (of course), with Larry King, and are at present running 743 watts at night, beamed South-East, but they'll soon be up to 2400 nighttime watts. This could help 1550 DXing here, believe it or not, 'cuz it might be strong enough a signal to push back the horrendous slop of WPTP-1540, Albany, NY! And the DX can be heard through the all-talk AN programming. A couple of PP/c's received from WXTR-1560, MD WOTF-1410 NY and WORL-1270 FL. Also a v/1 from WWAZ-790 RI, ex-WEAN, also AN-7 with EZL/BFL format. And a v/q from CJMR-1190 Ont. Late catches have been CJMR-530 (report not sent yet), which is AN & relaying CJRN-710 during the wee hours; WBZQ-1550 NC on an ET 9/21 (before WGAB started ANing), WRRO-1440 OH, another ANer. I wonder who the non-IDing TTer was on Thu. 10/2 on 1110 u/WBT and o/WHIM, 0206-0306+ - anybody catch an ID? and one on 1530 on Wed. 10/8 u/WCKY, 0238-0320+. I guess everybody's on all night - except the FCC! I'm still doing 6½ hours a week on WOMR-91.9 and enjoying it immensely. The TA's have been coming in, but nothing new - looks like a good season is upon us! So - Forward - March!

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

In response to Robert Kramer's resignation, I would like to make some brief comments. Some of the things that were written in my last EDXR columns seemed to ruffle more than a few feathers, and I would like a rebuttal. After editing the column for two years, and being a member of this club for many more, it seems to me that there are two factions of members when it comes to DX "tips". There are the very serious scientific and technically oriented DXers who consider their DXing a science and art

and want the information about their pursuits to be very serious and straightforward. There are also beginners and casual DXers who don't take things so seriously who can learn and enjoy the less "professional" tips that are sent in. It is all a matter of degree, and I don't think that one should belittle the other. I remember being a new member in this club, not being terribly familiar with the nomenclature of the abbreviations and such, and feeling very alienated. I would send in my tips to EDXR regularly and only get a small fraction of them printed. This is no encouragement to inexperienced members, or those who are on a lesser level than those with several Beverages and thousands of dollars of receivers. I find my GE Superadio all I could ever need for good BCB reception, although I'm sure a lot of people will think that my tastes are either ignorant or pedestrian. Robert Wien, one of our most amazing contributors uses a Superadio and an old GE portable and logs millions of rare stations. There is a lot to be said for encouraging the development of new or inexperienced DXers, and there is no need to discount the efforts of people some members think are below them. I like to think this club is for all people interested in DXing, not just the few wizards who think they are above us all because of their equipment and technique. This is why I printed everything I received, and I hope this policy continues in the future. KZ

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

(This report is a holdover from May--rce) Interesting things happening on 1160 kHz. Seems there is a pirate and a Cuban operating here along with a lot of the legal stations. I am picking up the Cuban way past the 1800 (Eastern) closing of their travel station but suspect it is the same transmitter. On May 20th at 2004 WCCS-1160 from Homer City, PA announced that they and all the stations operating on 1160 kHz have been requested by the FCC to leave the air till 2010 so the FCC could measure for interference. I doubt the test worked as I was able to hear three stations during the time WCCS was off the air. 1110 kHz is presenting me with a lot of new stations lately but one is really a mystery. I am hearing a call that sounds like.... WHIN but I cannot find anything near that call on 1110 but do find that call on 1010 but since it is in Gallatin, TN, I doubt this is it as WAMG also from Gallatin, TN is on 1130. If anyone could clear up this mystery, I sure would appreciate it. 73.

Rick Evans, P. O. Box 1294, North Wales, Pennsylvania 19454

It's been an interesting and stimulating column to type tonight. I understand what Ernie Cooper and Robert Kramer are saying about the DX Tips, but I tend to throw my hat (and typewriter) in with Karl Zuk. We should remember that lists of DX catches are not normally permitted in the Forum sections, thus the only outlet the DXer has is the Roundup. I did the CDXR column myself for a total of five years between 1970-73 and 1975-78 (ok, make it about six years) so I know how irritating it can be to type tips that the editor knows has no business being in there, and yet I know what Karl Zuk is talking about. If a person sends in items, and never sees it in print, fairly soon he'll stop reporting. Then the good stuff is lost. Who has the right to decide what's good and what's not good. Obviously, Ernie can speak for Brooklyn--he used to live there. Yet he mentioned WRR0-1440 Ohio as a catch in his Forum above, and to me it's an absolute pest. I hear it every night if I try right after WNPV-1440 PA goes off. To me, it's not DX. I hear a lot of talk in the DXM about the clear channels going down the tubes. It would seem that a lot of the big stations, as we once knew them, will be more and more DX. To a lot of young kids today and in the future, WLS will not be the starting point to a DX hobby that it was for me and a lot of others.---The summer ratings are out this week in Philadelphia, and only 3 AMers are on it. KYW-1060 at 4th, WPEN-950 at 7th and WCAU-1210 at 9th. WDTV-900 registered a zero for the fourth consecutive quarter. The other night, while parking the car at NOPT, at 1815, a station was trying to come in over WPEN-950. Didn't have the time to wait and check it out. On 10/18, we were in the middle of Penn. "leafing" as the people here call it (we were checking the fall colors, hi), and I spotted the studios and towers for WLBR-1270. Three sticks running (I guessed) east/west, with another stick on the south side of the westernmost stick. Also, on a mountain above Pottsville, were about five sticks. I assume it was WPPA-1360. Gotta run. PTL. . . .

Anchorage, AK, radio dial: AM: KENI-550 Adcon, KHAR-590 EZ listening, KYAK-650 country, KBYR-700 adcon/news, KFQD-750 adcon, KABN-830 varied, KASH-1080 country. FM: KATB-89.3 religious, KSKA-91.1 public, KNBZ-99.7 country, KKGR-100.5 contemporary, KGOT-101.3 rock, KRKN-102.1 rock, KKLK-104.1 rock, KNIK-105.3 easy listening, KWHL-106.5 rock, KASH-107.5 country.
info via Rod O'Conner



Western DX Forum

★★★★

IRCA — The #1 Choice of the Broadcast Band DX'er

Editor: Ric Heald • 8539 Bellamy Way • Sacramento, CA 95828 USA • (916) 386-8677

1986 DEADLINES — WEEKLY ON TUESDAY 11 DAYS PRIOR TO PUBLICATION DATE

□ □ □ □ □ □ □ □ □ □

DOUG PIFER, 4786 MACADAMIA CT., OCEANSIDE, CA 92054

Greetings Ric & Company. I figured it's time to forum and time to compliment some fellow DX'ers, namely Tim Hall of Chula Vista. Good to see your reports in DXM. I'm usually surprised and impressed at your loggings. They're an incentive and a great help. Thanks Tim.

And next, of course, Robert Wien. Need I say anything? Hi.

Hi Jim Hilliker (my ex-source of good DX information). Keep up the good work also.

I've been listening consistantly, mainly logging what everybody else has already heard first, hi. I'm having difficulty finding a nearby source of static though. But I'll survive.

One question before I go: Ric, if I want to send material for publication, i.e. articles, etc., who should I direct these to? (All depends upon the subject. Technical to Nick Hall-Patch, Almanac Updates to Bill Hardy, Sports nets to Dale Park, Station Slogans to Rich Toebe, or, when in doubt, send to HQ in Seattle and let bp sort it out, hi-RtH.) 73 de Doug.

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

As a community reminder, just 93 shopping days until Christmas. Just what v'all wanted to hear, right? Hi.

Looks like the Doug and Ric show this week. Why not take a few minutes to jot something down and send it along for a forum? Let the rest of the club know you're still kickin'.

A couple of surprises over the last week. Couldn't sleep 17 October, so naturally fired up the rig and took copy on KIDN (Kiddin' Radio) 1350 Pueblo, Colorado. Boy, if San Bernardino was on, I sure couldn't tell. And a few days later, messing around with the dial on a Sunday evening, looking for gospel on KDIA turned up KEIN totally wiping out KDIA. Did a brief band scan thinking a northerly route had opened up, but nothing from Montana on 550 or 1370, but did note KOFI 1180 unusually strong.

Dale Park. I think KCHJ is your UNID on 1010 (DXM #741), but they also have some programming in ES. As a long shot, how about CBR?

Guess I'll wind it up for this week. On the work front, being an On Call means you can get bumped by a permanent with seniority. So, I broke out of the Big House downtown (hi) and now on the far north side of town near Arco Arena (as in the Kings) and a half block from KXOA's FM tower (three rings), and it's also an area prone to flooding and the rainy season is upon us. Swell, hi.

See ya next week, same time same frequency and best of DX de RtH. .

Bruce Portzer - 6546 19th Avenue N.E. - Seattle, WA 98115

Hi There. This area has had more than it's share of new clear channel stations. It's only fitting that it should also have the first one to bite the dust.

KQIN-820 left the air sometime around 10/20 and hasn't been on the air since. The station first hit the air in 1970 as a 500 watt daytimer on 800, and moved to 820 last fall with 50/5 kw. Since then they've been losing money like mad, and the owners saw the writing on the wall. The station is being sold to the owners on KGNW-1150, who will move their religious format to 820 once the sale is completed. In the meantime, the low 800's are DXable again.

On the night of 10/25-26 Phil Bytheway and I, together with 3 local SWLs, went on a DXpedition to Bandera emergency airfield, located along Interstate 90, near Snoqualmie Pass, WA. We managed to put up a 2700' Beverage along the edge of the runway, on a bearing of about 280 degrees. Californians were either non-existent or much weaker than normal, but Portland stns, for some reason, were thundering in much stronger than they usually do. DX didn't really get good until Phil left around midnight. Then the Asians started coming in. Some good DX was heard, though nothing as good as what I heard on the coast over Labor Day weekend. Oddly enough, there was a lot of power line noise, even though the area is all wilderness and the airfield is just a long flat meadow with no facilities. The apparent noise source was some high voltage lines about a half mile away.

That does it for this week's DX. 73. bp.



the irca technical column

Editor: Nick Hall-Patch
1538 Amphion St.
Victoria, B.C. V8R 4Z6
Canada

(the conclusion of Ben Peters loop antenna bibliography from last time)

- 1930 United States Patent 1747262, 5 pages, J.H. Pressley.
Description with diagrams of several compact circuits, formed by a loop with many turns and a dipole, or a loop with many turns and a small loop at right angles to it; and a loop with a particular form of split winding, all capable of defeating the "displacement current" effect in a loop with many turns, which blunts nulls.
- 1930 British Patent 306487, 6 pages, F.A. Kolster and G.G. Kruesi.
Description with diagrams of a compact circuit, formed by a loop with three instead of two vertical sides, capable of uni-directional receiving patterns and a cardioid receiving pattern.
- 1931 United States Patent 1821650, 4 pages, F.A. Kolster.
Description with diagrams of a compact circuit, formed by two loops at right angles to each other, which achieves a more pronounced directional effect (an elongated figure 8) compared with the pattern of a normal loop.
- 1937 United States Patent 2082812, 4 pages, R.H. Worrall.
Description with diagrams of a compact circuit, formed by two horizontal and one vertical loop, rotatable as a whole and capable of nulling/direction finding regardless of the state of the polarization of the incoming wave (night effect).
- 1938 Gesammelte Vorträge der Hauptversammlung 1937 der Lilienthal-Gesellschaft für Luftfahrtforschung, Verlag von E.S. Mittler und Sohn, Berlin, Germany; pp307-337; T.L. Eckersley: "Fundamental problems in radio direction-finding with reference to aircraft navigation" (Note: This is in English and is very fundamental loop literature, but might be hard to find; if your efforts fail, especially with this one, but also with others, I am willing to make a copy of mine. Ben Peters, Lynbaansgr.318, 1017 WZ Amsterdam Holland.)
Describes what is going on when direction finding on shortwaves and goes into detail with diagrams about a medium sized circuit formed by two co-axial loops, capable of the most correct bearing possible, free of polarization error, much better in fact on many occasions than an Adcock direction finder which is constructed with open antennas.
- 1938 British Patent 488611, 8 pages, J. Plebanski (Marconi).
Description with diagrams of a compact circuit, formed by two loops at right angles to each other, capable of a 'phase' cardioid, as opposed to the normal 'amplitude' cardioid, receiving pattern which occurs when using an "open" antenna as the second antenna. Also described is how to obtain (with the same two loops and without an "open" antenna) only one extremely sharp null.
- 1939 British Patent 532164, 11 pages, K.H. Meier.
Description with diagrams of a compact circuit formed by two loops at right angles to each other, capable of omnidirectional reception, normal figure 8 directive reception and uni-directional reception (cardioid), all without the help of an "open" antenna.
- 1940 Journal of the Institution of Electrical Engineers (England), Vol. 86, pp. 396-398; R.H. Barfield: "The performance and limitations of the Compensated Loop direction finder".
Discussion with diagrams of circuits formed by one loop and one dipole or one loop and two dipoles, suggested by different investigators to achieve freedom from polarization error. Compares them with Adcock direction finders.
- 1940 United States Patent 2190717, 4 pages, R. Kümmich, H. Rukop.
Description with diagrams of medium sized circuits, formed by two, three or more loops, rotatable as a whole, rotatable in a fixed relation, and fixed loops; some capable, others not capable of nulling/direction finding under conditions of night effect.

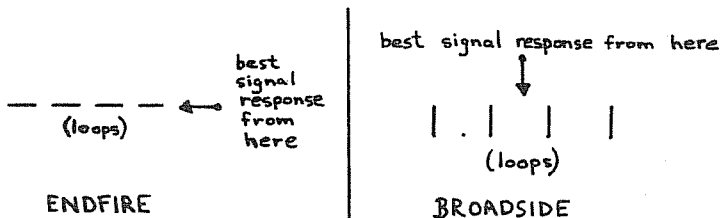
- 1947 Proceedings of the IRE (USA), Vol 31, pp. 56-66/384; G.F. Levy:
"Loop antennas for aircraft".
Description with diagrams of low-impedance and high-impedance loops, discusses factors limiting good loop performance and the beneficial effect of loop screening. See also: Journal of the Franklin Institute (USA), 1919, Vol 188, pp. 289 ff.; A.S. Blatterman: "Theory and Practical Attainments in the Design and Use of Radio Direction Finding Apparatus Using Closed-Coil Antenna", for material used by Levy (and much more)
- 1945 Proceedings of the IRE (USA), Vol. 33, pp. 307-318; F.E. Terman and J.M. Pettit: "The Compensated Loop Direction Finder".
Description with diagrams of various polarizations effects on a loop direction finder and of a circuit, formed by a loop and a dipole, capable of nulling/direction finding under conditions of right effect at almost all times. According to the authors, this combination deserves more attention than it has been given by previous investigators.
- 1947 Journal of the Institution of Electrical Engineers (England), Vol. 94, part 3, pp. 99-107/133; W. Ross: "The development and study of a practical spaced-loop radio-direction finder for high frequencies".
Description with diagrams of relatively compact circuits, formed by two co-axial loops, capable of direction finding free of polarization error. Information and diagrams on how horizontal loops should be set up for this purpose (if at all) are also given, as well as several references.
- 1961 Proceedings of the IRE (USA), Vol. 49, pp1222-1223; "Correspondence"/O.K. Nilssen: "A non-directional ferrite rod antenna arrangement suitable for AM radios".
Description with diagrams of compact circuits, formed by two ferrite loops at right angles to each other, in which a non-critical 90° phase shift is introduced by simple means. This is capable of omnidirectional reception.
- 1966 Proceedings of the Institution of Electrical Engineers (England), Vol. 113, No. 1, page 49-61; P.J.D. Gething: "High Frequency Direction Finding".
Gives very clear (the only one available?) overview of direction finders used and in use internationally. Several photographs are included of apparatus, and the interesting bibliography has 199 references. This alone is worth getting a copy of this article.
- 1982 Radio Communication (England) November, pp. 944-949; J.A. Lambert: "A directional active loop receiving antenna system".
Description with diagrams and constructional details of large systems, formed by several co-planar or co-axial loops, with reception patterns steerable in the horizontal and vertical planes.

The above mentioned magazines, journals etc. should be available in, or through the help of, any good library, especially of a university with an electrical or electronic engineering department. The complete patent specifications, (possibly also the British ones) should be available from your patent office or the like. Any loop information you think interesting would be welcomed by me: Ben Peters, Lynbaansgr. 318, 1017 WZ Amsterdam, Holland.

* * * * *

The final article, by J. A. Lambert, mentioned above is quite interesting. Loop antenna arrays have been developed commercially by such companies as C & S Antennas in England and E.M.I. Electronics in Canada, which became Hermes Electronics. They were intended for use in point to point communications in the 2 to 32 MHz range. At the higher frequencies, such arrays can have very sharp directivity in both horizontal and vertical planes. The directivity appears to be a function of element spacing and number of elements, but it is claimed that such arrays take up less space than rhombic, log-periodic or Wullenweber arrays. As in other types of antenna arrays, there are two basic configurations, endfire and broadside (see figure on next page).

Endfire arrays tend to have a wide horizontal beamwidth and a narrow vertical beamwidth, while broadside arrays deliver a narrower horizontal beamwidth with a wider vertical beamwidth.



Each loop in the array is an untuned single turn with a broadband amplifier. Coaxial leads run from each loop, and the signals are added in "hybrid combiners" (the only ones I know of are transformers wound on toroidal cores). Depending on phase delays introduced by connecting coaxial leads, direction of vertical response on endfire arrays can be varied, and direction of horizontal response can be varied on broadside arrays. Nulls may also be introduced.

Does anybody have any further information on active loop antenna arrays? The Lambert article mentioned above is the most helpful I've seen, covering construction of the single turn loops and their broadband amplifiers, but does not go into details of optimum spacing between antennas, or what kind of phase delays would be needed for various responses. I suspect that antenna element spacing for best results at medium wave frequencies would require near Beverage sized pieces of real estate, and lots of expensive coaxial cable.

* * * * *

Mike Harla writes that Sony service manuals are \$7 each plus \$1.25 shipping and are available from Sony Parts Div., 8281 N.W. 107th Terrace, POB 20407, Kansas City, MO 64195-0407.

* * * * *

JRC NRD-525 test reports still seem a little thin on the ground, but one is available from Larry Magne, IBS, Box 300, Penn's Park, PA 18943 for US\$4.

Don Moman says in the June 1986 CIX Messenger: "The '525 review confirms that JRC did cut several performance corners in the '525... Ceramic filters give mediocre ultimate selectivity, well below that of the ICOM R70/71, Drake R-7 family and the JRC NRD-515. Synthesizer noise is low but not as low as the R71 or the '515. Blocking (desensing by nearby signals) is much less than the R71/'515. Dynamic range is good but not quite as good as the other sets mentioned..."

Don finishes up his observations with words that should be engraved over every receiver review: "I've used and compared a lot of sets, often during some of our DX trips when everyone is busy comparing signals, and most times there are only very small differences. The most important filter is organic--the one between your ears!"

A DXER'S TECHNICAL GUIDE

The DXers Technical Guide is a valuable publication for the broadcast band DXer, SWL, longwave DXer, and other radio hobbyists. The book is 120 pages long and is filled with articles, plans, and features on receiver theory, receiver modifications, antenna construction, accessories, receiver reviews, and even a section on building your own receiver. It's useful to persons of all levels of technical knowledge. If you're a beginner, learning about how receivers work, or a seasoned tinkerer who likes to build sophisticated circuits, you'll find this book to be extremely useful.

To order your copy, send \$5.50 (\$6.50 non-members) to IRCA Goodie Factory, c/o Kraig Krist, 7213 Sipes Lane, Annandale, VA22003. Persons living outside the U.S./Canada, write to find out the cost.

FORM OF COLLECTIVE PERMITS (100 watts or more)

As of September 24, 1986

Key: A--Total number of licensed stations currently operating.
 B--Construction Permits for New Stations.
 C--Construction Permits for Change of Frequency.
 D--Stations temporarily "off the air" or SILENT.

<u>STATE/PROVINCE</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
1--TEXAS	301	12	2	1
2--CALIFORNIA	244	16	1	2
3--NORTH CAROLINA	224	8	3	1
4--FLORIDA	209	16	2	7
5--GEORGIA	196	6	1	2
6--TENNESSEE	191	6	3	1
7--PENNSYLVANIA	190	3	4	1
8--NEW YORK	168	3	4	2
9--ALABAMA	161	6	1	1
0--VIRGINIA	146	4	1	3
1--KENTUCKY	139	8	1	2
2--MICHIGAN	138	5	2	1
3--ILLINOIS	132	2	0	0
4--OHIO	131	2	1	1
5--MISSOURI	117	2	0	2
6--SOUTH CAROLINA	114	3	1	0
7--WISCONSIN	113	3	1	1
8--MISSISSIPPI	112	6	2	5
9--WASHINGTON	105	4	2	4
0--ONTARIO	104	0	3	1
1--ARKANSAS	103	2	0	2
2--MINNESOTA	101	5	2	2
3--LOUISIANA	99	3	1	1
4--INDIANA	89	1	0	0
5--OREGON	87	4	0	2
6--QUEBEC	86	1	0	3
7--IOWA	85	0	0	1
8--COLORADO	81	8	1	2
9--ARIZONA	74	5	0	1
0--OKLAHOMA	69	0	0	0
--BRITISH COLUMBIA	69	0	2	0
1--MASSACHUSETTS	68	4	1	0
2--WEST VIRGINIA	67	2	1	0
3--KANSAS	62	2	0	0
--NEW MEXICO	62	2	0	0
6--MARYLAND	52	2	1	1
7--NEBRASKA	50	1	0	0
8--MONTANA	49	1	0	2
9--IDAHO	46	3	1	3
0--ALBERTA	45	0	2	1
1--UTAH	42	2	3	1
2--CONNECTICUT	41	1	2	1
3--ALASKA	39	6	2	0
--MAINE	39	0	1	1
5--NEW JERSEY	38	3	1	1
6--SOUTH DAKOTA	37	0	0	1
7--NORTH DAKOTA	34	2	0	1
8--WYOMING	33	1	0	1
9--NEWFOUNDLAND	32	0	1	0
0--NEW HAMPSHIRE	29	0	0	2
1--HAWAII	27	3	0	2
2--NEVADA	23	6	0	0
3--VERMONT	20	0	0	0
--SASKATCHEWAN	20	0	0	0
5--MANITOBA	19	0	0	0
6--NEW BRUNSWICK	18	0	1	1
--NOVA SCOTIA	18	0	0	0
8--RHODE ISLAND	16	0	0	0
9--DELAWARE	10	0	0	0
0--DISTRICT OF COLUMBIA	7	0	0	0
1--NORTHWEST TERRITORIES	5	0	0	1
2--PRINCE EDWARD ISLAND	3	0	0	0
3--YUKON TERRITORY	2	0	0	0
TOTAL	3231	185	58	71

Slogan List Updater 3

Rich Toebe · 2972 Martin Ave. · Pleasanton, CA 94566

As summer draws to a close, conditions on the band appear to be improving dramatically. As of the first week of September, I've heard a few TPs, and WLS has made respectable showings over the normally impenetrable KDXU. Perhaps this will turn out to be a great DX season! So turn on your radios, and let me know what slogans you're hearing as a consequence of your DXing. This time around, I've gotten contributions from Jim Hall and Thomas White, thanks to both of you! Most information in this updater comes from the pages of **DX Monitor** and **DX News**, with a few slogans added by yours truly. Previous updaters can be found in the 2/8/86 and 4/26/86 issues of **DX Monitor**. Abbreviations used in this list: (rp)-remove parentheses; (rsw)-replace slogan(s) with; (del)-delete; (*)-daytimer; [:SS],[:FF],[:EE]- station broadcasts mainly in Spanish, French, English (the latter is used on Quebec and Mexican stations).

540	WEIZ-GA	AM Stereo 54 [ex-WDAK]	870	WQRX-AL*	RX-87
550	KOY-AZ	Music You Love		WIVS-IL	delete, now WAIT
	KUZZ-CA	(add) 55 Comes Alive		CFBV-BC	Cariboo Central Interior Radio, CI
560	KBLU-AZ	(add) AM 56	880	CHQT-AB	8-80 AM Stereo [ex-1110]
	WLS-SC	Radio 56	900	WLIC-MD*	R. Borlinguen [:SS,ex-WLMD]
570	WGMS-MD	The only stn. you'll ever need [//103.5 FM]	920	KDXX-TX	Doble X [:SS]
600	KLZZ-CA	(rsw) Easy 106 [//FM]	930	WKFX-AL	AM Stereo 93
	CFCF-PQ	AM 60		WBYG-IL	(add) Country Leader, Big 93
610	KFRC-CA	(rsw) Magic 61		WFMD-MD	(add) Count on us
620	WZON-ME	(add) Stereo 62		WNNH-NH	(add) Real Country 9-30
630	WMAL-DC	(rp) AM 63	940	WCIT-OH*	Music from the golden years
640	WFNC-NC*	AM 6-40	950	KJR-WA	(rsw) AM 95
680	WRKO-MA	(add) The Talk Stn.	960	KROF-LA*	Louisiana jams in gold with Boss 96
	KOMW-WA*	delete, now KLDY		WSBY-MD	Q-105 and Salisbury 9-60
	KLDY-WA*	K-Lady		WHYL-PA*	(add) FM 92
	WOGO-WI*	AM 68, Clean Country		KLZX-UT	delete, now KFMV
690	WAPE-FL	delete, now WJAX		KPFY-UT	K-96
	WZAP-VA*	Clearly the one to turn to		CFAC-AB	Country 96
700	WCAT-MA*	The heart and soul of Central New England	970	KVIM-CA	(add) Club 97 [:SS]
710	WFNR-VA*	All Hit Country Super 7-10	980	CKRM-SK	Saskatchewan's News Leader
	CHYR-ON	Radio 7 Canada	990	KGIC-TX	(add) Magic 99
720	WMXY-GA*	(rsw) Classic Hits AM 7-20	1000	KVSD-CA	AM 100, Classic Oldies
730	KWRE-MO*	Clear Channel Voice of East Central Missouri		WIOO-PA*	(rsw) 100, News 100, Wx 100
	WCXR-VA*	delete, now WCPT	1010	WYST-MD*	(rsw) Your Solid Gold Stn.
	WCPT-VA*	The new AM 73	1040	WYFX-FL	Foxy 10-40 [ex-WKAO]
	CJNR-ON	(add) Mid-Canada Radio		WJTB-OH	(add) The new AM
740	WRPX-WI*	AM 7-4-oh	1050	WNTR-MD*	delete all slogans
750	KERR-MT	(add) 7-50 Hit Country		KSPQ-WA*	delete, now KEYF
770	KXA-WA	delete, now KRPM		KEYF-WA*	AM 10-50
	KRPM-WA	77 Country AM, All New 77	1060	KFNA-TX*	Radio Fina [:SS]
	CHQR-AB	QR 77, QR 7-70 [ex-810]	1070	CHOK-ON	Clearwater's Best
780	WABS-VA*	(rsw) Sonlight 7-80	1080	KRPX-UT*	East Utah's Fun in the Sun Station, Q-10J FM
790	KXTC-CA	(add) Great American Concert Station	1090	KKYN-TX	Country 10-90
	WNWS-FL	(add) Your news stn.		KANN-UT	(add) Christian R. for Northern Utah
	WAEB-PA	(add) AM 7-90	1100	WWVE-OH	(add) Radio 11
	WEAN-RI	delete, now WVAZ	1110	KAKA-AR*	delete, now KXSA
	CKSO-ON	Musicradio		KHEI-HI	(add) AM 11 & FM 94, B-94, Maui's Best Rock [//KVIB94.3]
800	WRFA-FL*	Radio For America [ex-WSST]		WHIM-RI*	The one for country, The giant
	KNKK-UT*	AM 800, K-Nack		WZAM-VA*	Gospel Radio 11-10
	CKOK-BC	Okanagan Radio Network [//CKSP,CKOO-1240 & 1490,CKRP]		CHQT-AB	delete, now on 880
	CHAB-SK	(add) Radio 80	1120	WUST-DC*	(add) Washington's only gospel stn., Washington's Gospel Spirit
810	WGY-NY	(add) The best way to the Great Northeast		WYNO-OH	11-20 AM, Voice of the Valley
	CHQR-AB	delete, now on 770		WCXI-MI	(add) C Country
820	WAIT-IL	delete, now WCZE		KYOO-MO*	delete, now on 1200
	WCZE-IL	Cozy, AM 8-20 Cozy	1130	WQMR-ME	(add) Central Maine's QMR
830	KFLT-AZ	Family Life Radio			
840	CKBX-BC	Radio Cariboo [ex-1240]			

1150	KEXB-TX	B-94 [//FM]	1400	KPLG-CO	K-Plug
1160	WJJD-IL	Music of the Stars		KART-ID	(rsw) Stereo 14-K
1170	KFSC-CO*	delete, now KVVS		WOND-NJ	Solid Gold Radio
	KVVS-CO*	R. Alegria [:SS]	1410	WATD-MA*	Music You Remember
1190	WKDJ-PA	(add) The new AM 11-90		KVEG-NV	delete, now KFMS
	WBDY-VA*	delete, now WCBV		KFMS-NV	Continuous Country KFM, KFM 102 and AM Stereo 14-10
1200	WKOX-MA	(add) KOX 1200		WSCW-WV*	Positive Alternative
	KYOO-MO	The one to turn to [ex-1130]	1420	WBSM-MA*	Music You Remember
	CKDA-BC	All New 1200 [ex-1220]		WIGG-MS*	The New Country 20
1210	KPRZ-CA	K-Praise 12-10 AM	1430	WNAV-MD	(add) Annapolis R.
1220	WSCR-CT*	delete, now WNNR		WENE-NY	(add) Southern Tier's only AM Stereo stn.
	WNNR-CT*	Winner Radio		KTYN-ND	(rsw) K-Light
	WKBK-NH*	Weather Stn.		KELI-OK	delete, now KVL T (or KSKS?)
	WFAX-VA*	Someone to turn to		KVLT-OK	Stereo AM 14-30
	CKDA-BC	delete, now on 1200		WDIC-VA*	Dixie R.
	CJSS-ON	Musicradio	1440	WGEM-IL	The Voice of the Gem City
1230	KFLR-AZ	delete, now KONC		WREY-NJ*	Country 14-40
	KPRD-CA	delete, now KSZL		KPUR-TX	(add) Stereo 14
	KSZL-CA	K-Sizzle	1460	KLCZ-CA	delete, now KDON
	WALI-MD	AM 12		KDON-CA	AM 14-60, Unforgettable
	KLAF-UT	delete, now KMGR		KKHT-CO	delete, now KKCS
	KMGR-UT	Magic 107 and a half [//FM]		KKCS-CO	KCS AM & FM
1240	KSAC-CA	More music, more memories		WXOK-LA	AM 14-60
	CKBX-BC	delete, now on 840		WWCN-NY	Communicator R.
1250	WARE-MA	(add) The Oldies Stn.		WPRW-VA	(rsw) Prince William's Radio
	WOBG-PA*	Oldies but goodies	1470	WMBD-IL	(rsw) News & Info. Authority for Central Illinois
	CHWO-ON	(add) Radio to remember		WXKW-PA	AM Connection, AM 14-70
1260	WMMN-CT*	Comedy R., AM Stereo 12-60		KKVU-UT*	(add) K-View
	WWDG-DC	(rsw) Music of Your Life	1480	WPWC-VA	Top Shot Country
	WNDE-IN	Classic Hits	1490	KBAS-AZ	(rsw) K-Bass Country 14-90
	WNDR-NY	(rsw) Great Gold R.		WMRF-PA	delete, now WIEZ
	KWYR-SD	(add) AM 12-60		WIEZ-PA	EZ 14-90
	CFRN-AB	(add) Edmonton's Music	1500	WPSO-FL*	Talkradio [ex-WGUL]
1270	KWTR-CA	K-Water	1510	WNRZ-PA*	delete, now WKVX
	KSCB-KS	(rsw) CB Country	1520	WTHE-NY*	Gospel R.
	WCBC-MD	Cumberland's 12-70 AM		WVKB-NY	(add) KB
	WXYT-MI	(add) AM 12-70	1530	WDJZ-CT*	Music and Memories
	WTSN-NH	The Gold Mine		WDEY-MI*	103 FM and 15-30 AM
1290	KMEN-CA	(rsw) K-Men 1-29	1540	WADM-IN	The new 92.7 FM
	KALM-MO*	Talkradio 12-90		KMIA-TX	(rsw) Faith R.
	WGLI-NY	The Mighty, 12-90	1550	WJIL-IL*	15-50 Country
	WPVA-VA*	AM 12-90		WARD-PA	Talkradio, Ward
1300	KROP-CA	Your Country Kicker		KRGO-UT	delete, now KRPN
	WBLG-KY	delete, now WLXG		KRPN-UT	Utah's very own "WKRP"
	WLXG-KY	13 Gold	1560	WTOD-OH*	Your Country Gospel Stn.
	KSWN-NE*	AM 13	1570	WOBG-IN*	Gospel 16
1310	WMLF-IN	delete, now WTUX		WTOW-MD*	delete, now WFEL
	WGH-VA	(rsw) Travellers Radio		WFEL-MD*	Joyous 15-70
1320	WRJY-VA	delete, now WANI	1580	WEYY-AL*	delete, now WOXR
	CFGM-ON	(add) AM 13-20		KPIK-CO	(rsw) Hot Rock of Colorado Springs
1330	KCLM-CA	(rsw) The relaxing place to be		WLNZ-MI*	(add) AM 16
1340	WYCB-DC	We're your community broadcaster		WPGC-MD*	Classy 95 [//FM]
	CIBQ-AB	(add) Q Radio		WSRR-NJ*	(add) Musicradio
1350	WGAD-AL	Warm 13-50		WVKO-OH*	(add) Columbus Hot Rhythm
	WNIS-VA	(add) Tidewater's news & information stn.		WAJE-PA*	delete, now WEBG
1360	WEBB-MD*	(add) The Power Stn. 13-6		WEBG-PA*	Solid Gold 15-80
	WGHL-NC	(add) CHL		WNZT-PA*	(add) Tri County Service Stn.
	WPPA-PA	AM 13	1590	WASY-ME	delete, now WJBQ
	WIXZ-PA	(add) Your music & more stn.		WJSO-TN	delete, now WUSJ
	KBUK-TX	delete, now KRTN		WUSJ-TN	US 99 [//FM]
1370	WXXI-NY	(add) 13-70 Radio	1600	KNWA-AR	Great Gold 1600
	WKFD-RI	Bay Radio		KWOW-CA	(add) Magic 16 Oldies K-Wow
	KSOP-UT	(add) Greatest Country in the West		WINX-MD	(add) Winks
1380	WRKG-OH*	AM 13		WUNI-WV	16 Karat Gold
	KSRV-OR	(add) Valley R. 13-80			
	WNR1-RI*	Your Local Sports Connection			
1390	WMZQ-VA	(rsw) Classic Country			
1400	KSUN-AZ	delete all slogans			
	KRE-CA	delete, now KBLX			
	KBLX-CA	The Quiet Storm [//102.9]			

Well, that does it for another updater. I am always looking for new slogans, and for corrections to existing ones so be sure to send them to me at the address at the start of the column or include them with your tips.

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

International Radio Club of America
P.O. Box 21074
Seattle WA 98111

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 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. "DX Monitor" contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.



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