



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

November 28, 1981

Volume 19, Number 11

Issue Number 598

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There's no EDXR this week because Bob Lazar's typewriter went bananas. And if you're keeping track of DX Worldwide West: there was no DXWWW 3 weeks ago because Pat was on vacation, and no DXWWW last week because of postal delays. Last week's DXWWW appears in this week's DXM and this week's DXWWW will hopefully appear next week (it's somewhere between here and Seaside at the moment). Confused?

We'll open this week's DX Monitor with the following bit of cheerful news, forwarded by Rich Toebe:

U.S. wins on radio spacing

WASHINGTON (AP) — The United States, gaining its first negotiating victory at an international radio conference, has convinced nations of the Western Hemisphere to keep the current arrangement for spacing radio

stations on the AM dial.

The decision, reached Wednesday in Rio de Janeiro and disclosed here Friday, will save current American broadcasters millions of dollars in conversion costs and allow the continued use of so-called digitally tuned receivers now in the hands of consumers.

It marks the first substantive action by the conference, which opened Monday to plan the future of AM broadcasting in the hemisphere.

According to Dennis L. Williams, a staff member in the Federal Communications Commission's broadcast bureau, only Cuba and three other nations out of the 25 attending the session fought the U.S. recommendation to retain the current system.

It represents a victory for the National Association of Broadcasters, since just a year ago the FCC had championed the idea of squeezing more stations

on the AM dial.

With a change in administration and additional studies, the industry group convinced the Republican-controlled FCC to reverse its position.

The change could have allowed the licensing of several hundred new AM stations in the U.S.

AM radio stations in North, Central and South America are spaced 10 kilohertz apart.

As a postscript, one of the FCC commissioners still favoring 9 kHz spacing has expressed concern that "a change to 9 kHz may be forced during 1984 to 1988 when a lowering of sunspot activity increases heterodyne interference from stations in Europe and Africa..." (No comment....)

From Bill Harms comes word that the Herb Jepko all-night talk show has been rereerererereactivated. He recently heard it on KLUJ-570 and KBCQ-1020.

From Andrew Rimmington comes the news that the Canadian Radio-TV & Communications Commission will hold hearings on Jan 26, 1982 on a proposal to permit the licensing of religious radio & TV stations. The deadline for written comments is Jan 6, 1982, and they should go to CRTC, Ottawa, ON K1A 0N2. Currently, all-religious stations are forbidden in Canada, except for a couple of stations in Newfoundland protected by a grandfather clause.

Upcoming DX tests, arranged by Mike Knitter of NRC:

Mon, Dec 7, WHEO-1270, Stuart, VA, 0100-0130 EST, will test w/pop mx, IDs after each song, 1000 Hz TT every 7 minutes. Send reports to C. Lemont Bryant, CE, WHEO, Rte 1, Box 24, Stuart, VA 24171.

Mon, Dec 14, WKDW-900, Staunton, VA, will test 0005-0030 EST w/1 kw, morse code & voice IDs, 1000 Hz TT, mx. The last 10 minutes will be w/250 watts. Send rpts to Bill Betlej, Director of Engineering, WKDW, P.O. Box 2189, Staunton, VA 24401.

That does it for page 1 of this issue. Look inside for more exciting DX and other features. 73, bp.

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

SPECIAL, UNIDED, Changes, et. al.

- 1150 WDTM TN SELMER, 11/14 0700 good W/SSB & S/On, ment. of 1000 watts. ex-1130. RK-IL
1550 WCKG PA BRADDOCK, 11/14 0208 fair-good on ET, W/ID for FM, OC & C&W mx. RK-IL
- All da Rest
- 600 CFCH ON NORTH BAY, 11/15 0442 good in WREB null W/ID & oldies. RK-IL
630 WLAP KY LEXINGTON, 11/7 0050 wx, ID "AM 630 WLAP", CBS mx. CR-IL
920 KYST TX TEXAS CITY, 11/2 0129 good O/KARN W/Mexico Trip promo & "Radio 92 KYST" slogan, R&R mx. JA-WI
- 980 KSGM IL CHESTER, 10/31 1929 fair through UnID & WCFL slop W/PSA, several lcl spots only 6 to go from IL. KDF-IL
- 1070 KNX CA LOS ANGELES, 11/11 2315 ment. of KNX, wx, spot for Channel 2 nx. CR-IL
1140 WASG AL ATMORE, 11/1 0104 good on ET ID by female hrd, again 0205 ID by male. JA-WI
11/8 0321 good W/C&W mx, gospel mx on ET, ID after every song. KDF-IL
- 1250 WTAE PA PITTSBURGH, 11/8 2015 Steelers Hotline talk show, football results, wx. CR-IL
1260 WTKL LA BATON ROUGE, 11/15 1813 good W/T40 mx & S/Off. RK-IL
1280 KNEY AR NEWPORT, 10/29 1828 weak U/WMO W/ID, rel. pgm., then poss. S/Off. KDF-IL
1300 WERE OH CLEVELAND, 10/19 2245 SID, tlk show, lcl nx, ads, mixing W/WTA&. CR-IL
1330 KFH KS WICHITA, 10/18 2220 C&W mx, ads, several IDs as "13 KFH". CR-IL
1350 KRNT IA DES MOINES, 11/8 1730 "1350 KRNT" ID, mx by Elvis Presley. CR-IL
WSMB LA NEW ORLEANS, 10/23 2105 wx, ads, tlk on the World Series. CR-IL
- 1370 KANW AR HEBER SPRINGS, 10/29 1819 fair-good O/rare WMO W/lcl spots, C&W mx. KDF-IL
1400 WJQS MS JACKSON, 11/11 0224 good W/Wx & ID, WVON off & running OC for an hour. RK-IL
1430 CJCL ON TORONTO, 10/17 2200 Hockey game between Toronto Maple Leafs & Quebec Nordiques, some WIRE QRM. CR-IL
- 1440 KKKL ND GRAND FORKS, 11/8 2320 pop mx, ID as "14 KKKL" after each song. CR-IL
1450 KGFF OK SHAWNEE, 11/12 0100 good W/ID, Al nx in WXOL null. RK-IL
KYNT SD YANKTON, 11/1 0125 fair W/psa & ID, adult contemp. mx. JA-WI
- 1460 WROY IL CAMI, 11/6 1735 fair W/end of Public Events annctm & ID by female, JA-WI
1470 KTCB MO MALDEN, 11/4 1742 good W/S/Off & inv. to tune to "93 FM KMAL". JA-WI
1490 WJJM TN LEWISBURG, 11/15 0600 fair in WOPA null W/S/On, may have used SSB. RK-IL
1520 KMPL MO STIKESTON, 10/25 2220 rock & disco mx by RED Speedwagon, Cool & the Gang, football results, many ments. of KMPL. CR-IL
- 1530 KAWS TX HEMPHILL, 10/27 1842 weak-fair W/S/Off, America the Beautiful. KDF-IL,
10/30 1840 fair-good W/Gospel mx till S/Off & ment. of 1 kw, no WCKY. JA-WI
- 1550 WAAY AL HUNTSVILLE, 10/25 1750, lcl nx, wx, ID. CR-IL
KMAD OK MADILL, 10/29 1859 good W/S/Off W/SSB. KDF-IL
KHBJ TX CANYON, 10/29 1906 on top W/many lcl ads, ments. of Amarillo, umn. KDF-IL
- 1560 WAGC AL CENTRE, 11/3 1745 fair W/end of S/Off & SSB. JA-WI
1570 KMAR LA WINNEBAGO, 10/29 1916 fair U/XERRF W/C&W mx, FM IDs, AM side apparently left on by mistake. KDF-IL
- 1580 WRMP MS PASACAGOULA, 11/2 1800 poor W/S/Off & ment. 5 kw, SSB. JA-WI
1600 KOGT TX ORANGE, 10/29 1954 fair-good W/C&W mx, ID, swap shop type pgm. KDF-IL

A Freak Checked IN:

KDF-IL & RK-IL

1520 KSIB IA CRESTON, 11/10 0030-0035 fair-good O/KOMA W/TT & ID ending annct'd F/C. //

The \$ Stops Here

If anyone asks ...



JA... Jim Albrecht 3313 N. Weil St. Milwaukee, WI 53212
(RF-2200)
KDF... Karl D. Forth 2714 N. LeClaire Chicago, IL 60639
(HQ-160, RF-2900, spiral loop)
RK... Basil Fawley
(R-1000, HQ-129X, Radio West loop, spiral loop, Dragon Fly in the 3rd)
CR... Christos Rigas 4832 N. Drake Chicago, IL 60625

RK's Progress Report

Heard	Last Week	This Week	# New	To Go
	2989	2995	6	5

CADX XXII

How many E's are there in George Greeeeeeeeeeee's name. Find out from the horse's mouth at the 1981 edition of the CADX Holiday CT being hosted by Basil Fawley, the CDR editor. It begins sometime on 12/26 & ends on 12/29 & then resumes for the "World Famous DXATHON Weekend" at 6:00 PM CST on 12/31 & ends for good on 1/3/82. For more info call Basil at (312)-262-6299. If Manuel answers, remember, he is from Barcelona. Also remember that he collects promo stuff & insists that you bring headphones if you bring a rx.

WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(PST)--no collect calls
DEADLINES: Thursday 12/3, Wednesdays 12/9, 12/16, 12/23, 12/30

REPORTERS FOR THIS ISSUE:

- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
FRG-7, SM-1
(NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
FRG-7, SM-1
(AWP) Art Peterson-851-31st Street-Richmond, CA 94804
FRG-7, R. West loop
(bp) Bruce Portzer-6546-19th NE-Seattle, WA 98115
FRG-7, 2300' E-W Beverage at Jef Jaisun's
(AJR) Andrew J. Rimmington-559 Clarke Road-Coquitlam, BC V3J 3X4
DX-160, 4' box loop

- *****
530 KRN984 CA, L.A. Airport TIS 11/2 0500, weak but steady w/25% readability. Annot. in female voice, ID in male voice, specifying "LAX" in ID. (AWP-CA)
550 ?CKPG? BC, Prince George Su 11/15 0110 poor w/CFJC in KARI null. N. Interior wx, Prince George & Quesnel spots, but no definite ID hrd. KARI very weak--a friend says they were totally off earlier in the evening. (AJR-BC)
590 KID ID, Idaho Falls 11/15 0854 ads, wx, ID u/KHQ. (bp-WA)
600 KGEZ MT, Kalispell 11/15 0811 o/u CJOR w/nx. (bp-WA)
750 KMMJ NE, Grand Island 11/15 0746 ID & promo for Neb. FB. (bp-WA)
800 (CJJC) BC, Langley first noted off Sa 11/14 2000 w/CKOK dominant; still off 11/15 0115, by which time.... (AJR-BC)
(CKOK) BC, Penticton also off! CJJC's problems due to very high winds which knocked out feedlines; dunno if same storm affected Penticton. CJJC back on when rechecked 0410. (AJR-BC)
?CKLW? ON, Windsor Su 11/15 0145 occasionally up w/CHAB, w/fragments of T-40 mx, hyper DJ chatter about concert in Detroit, annot. of Grey Cup trip contest winners. ID sounded more like "C-J-double Q" but only CKLW seems to fit. Are they hrd out here?
CHAB SK, Moose Jaw Su 11/15 0120 odd format; MYL (AJR) interspersed w/hockey talk! ID's as "Your Favourite, C-H-A-B" and "Saskatchewan Super-8." (AJR-BC)
XEROK CH, Ciudad Juarez Su 11/15 0117 SS mx & talk on "La Hora Musical de la ---- Norte;" up again later w/"R. Canon" ID's. (Don't laugh, folks--this one's impossible here w/CJJC & CKOK on!) (AJR-BC)
930 KYSS MT, Missoula 11/15 0830 o/u KSEI/CJCA w/C&W mx & nx. (bp-WA)
940 CISEL BC, Richmond finally hrd 11/14 w/pop mx & many ads 1305+. "C-I-S-L 9-40" id's, no ID's as "C-Isle." Good signal. (bp-WA)
950 KAHI CA, Auburn 11/14 1945 atop w/ad for car dealer, then s/off. Good on Jef's wedge, weak on Beverage. (bp-WA)
KKIC ID, Boise ex-KBRJ 11/14 dominant w/BYU football to 1904, then "K-K-I-C Country" jingle, string of ads, "Country Kicks" ID, into C&W mx. (bp-WA)
+MM 11/16 0855 ID'ing as "Country Kicks" apparently anticipation of call change (format more like pop/oldies than C&W). No legal ID 0900. Phoned station & was told they are still using KBRJ ID's for some purposes (I assume they mean legal ID?) until change legally takes effect 12/1. Sounds screwy to me...
KMTX MT, Helena 11/14 1900 weak to fair w/BFL mx & ID. (AJR-BC) into AP nx. (bp-WA)
(KJR) WA, Seattle 11/14 1250-2045 blown off the air by high winds, yielding all sorts of goodies. (bp-WA)
KMER WY, Kemmerer 11/14 1843 atop w/end of U. of Wyo. game, long string of network & local sponsors, into post-game show. (bp)
960 CFAC AB, Calgary 11/14 1315 loud w/local ad and C&W w/KJR off; rr mx in their null undoubtedly KALE. (bp-WA)
970 KOOK MT, Billings Sa 11/14 all alone w/AT-40 & local ad (doesn't match AT-40 listing in Almanac.). (bp-WA) (Time?--NH)(1909.bp)
1250 KNCO CA, Grass Valley 11/14 local ads 2015 w/KKFX off. (bp-WA)
1300 KHUG OR, Medford 11/15 1831½ "Country K-Hug" slogan into C&W song. Poor w/KMPS nulled. 1st time hrd w/new calls, ex-KRVB.(NH-WA)

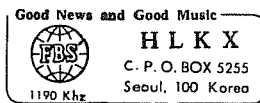
- 1320 KGNR CA, Sacramento 11/14 1816 "Dancing Queen" by Abba, 1818 ID & into another song. Excellent, unnullable. Local KXRO off. First time logged w/this call. (NH-WA)
 KQDQ OR, Eugene 11/15 1850 ID between MYL songs. Good, o/KGNR w/ local KXRO off. New. (NH-WA)
 (KXRO) WA, Aberdeen due to wind/rain storm was off Sa 11/14 1310-11/15 0900. Also off 11/15 1710-1923. (NH-WA)
- 1330 KLBS CA, Los Banos 11/14 1955 PP (?) talk, 2000 s/off in EE. Excellent, no sign of KUPL (presumed off). Local KXRO-1320 off. New. (NH-WA)
 KOVE WY, Lander 11/14 2200 atop w/ID, into CBS nx. KUPL off (I think). (bp-WA)
- 1340 KYLT MT, Missoula 11/14 2225 dominant w/rock mx. (bp-WA)
 KWVR OR, Enterprise was apparently my unID "electronic" SSB. Jef hrd them w/the same version at s/on 11/15 & 11/16. (bp-WA)
- 1400 KDRG MT, Deer Lodge 11/14 2219 dominant w/ad for restaurant, then pop mx. (bp-WA)
- 1450 ?KWSI? ID, Montpelier 11/14 2315-2350 most likely the one w/Idaho State football game. No 1450 ISU FB stns listed in Almanac, but KWSI suspected since 1) Most ISU network stns are in SE ID, & 2) Phil B. hrd definite ment. of "KWSI...Sports" at 2302. (bp)
 KQDI MT, Great Falls 11/15 0006 atop w/contest promo & rr mx. (bp)
 KBKW WA, Aberdeen has reduced its normal schedule, presumably to reduce staff during rotten economic times locally. New hours are 0858-0107 M-Sa, 1058-0107 Su. Cutback first noticed 11/5, probably happened around 11/1. Still on past 0107 occasionally for sports. (BH-WA)
- 1460 KWIP OR, Dallas 11/15 0901½ s/on. First time hrd w/new calls, ex-KROW. (NH-WA)
- 1480 KGCX MT, Sidney 11/15 0023 FB game & local ads, good o/weak jumble.
 1520 KACY CA, Pt. Hueneme 11/14 1941 all alone w/rock mx (bp-WA) on side lobe of Beverage. KYXI likely off due to storm. (bp-WA)
- 1530 KFBK CA, Sacramento 11/14 1300 weak w/ID & nx. KJZZ-1540 off. (bp)
 1540 ?KASA? AZ, Phoenix 11/14 1924 assume this was the one w/nx, every item was about Phoenix, Tucson, or some other AZ city. Fair w/ KJZZ off, but bad electrical QRN. (bp-WA)
- KMFO CA, Aptos-Capitola 11/14 Ac nx to 2000, then s/off. Good o/ KZLA w/KJZZ off. (bp-WA)
- 1560 KGHO WA, Hoquiam on after LSS 11/14 due to windstorm, noted w/"Riders on the Storm" by the Doors 2037 (appropriate!), then ID & anct. that they were "remaining on for..emergency..." (bp-WA)

UNID's:

- 580 11/15 0833 C&W mx weak u/KFXD. Gone by 0855. Sounded automated. (bp)
 860 11/15 0348 C&W mx o/XEMO. Likely either KKOW or KTRB. (bp-WA)
 950 BFL and C&W mx mixing 11/14 1318-1425, looping SE. One had long nx cast & MST TC at 1400. Probably KLER/KKIC, though KMTX or KMER are remote possibilities. (bp-WA)
- 1240 11/15 0906 Billy Graham dominating freq. Nothing listed at this time in Almanac. (bp-WA)
- 1320 11/14 1805-1910 hrd WA State Cougar FB game/post-game at various checks. Local KXRO off, thanks to the windstorm. Weak w/KGNR nulled. (NH-WA)
- 1450 11/14 2349 ad for drug store at 4th & Oak (which narrows it down to about 150 stns on the freq., hi), then C&W tune o/u ISU football game. (bp-WA)
- 1450 CBS nx 0100 11/15. (bp-WA)
 1480 11/15 0514-0548 SS w/Mexican mx dominant o/KYOS, had some EE words ("stay home, have cold," etc) so possibly a U.S. stn. (bp-WA)

Bill Harms (Provo, UT) sends along word that he has heard Herb Jepko on KLUB-570 Salt Lake City, after midnight local time.

It appears that I wasn't the only one to take advantage of NW stations being off due to the big wind storm last Sat. & Sun. Now that I think about it, I haven't done that much DX'ing in years, hi. ♡





WORLDWIDE EAST

Neil Kazaross, Editor

518 E. Grand Ave.
Al Segundo, CA 90245
(213) 322-3119

Times: GMT/UTC

Deadlines usually Weds.

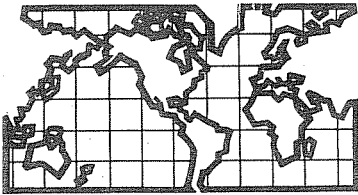
TRANS ATLANTIC DX ROUNDUP (all from Matt Stutterheim)

- 530/ UNID I'm beginning to think my mystery LA from last season might
- 531 be a TA, although it doesn't explain hearing it in CA last spring. Man talking in lang. (FF?), then woman in same lang. 0522 Nov.8 gone by 0540. Two hets plus CW QRM from beacons. Help!...Beacons on 530 & 531 is likely Algeria (listed AA) or Switz. (listed GG) -ed. The 530 ss you heard in CA must be something else according to the the times you listed a couple of weeks ago -ed.
- 684 UNID piano mx 0628 Nov.8... My vote goes to Spain, although the -ed Yugoslav is heard w/ this format; it's getting late for them @ 0628
- 756 UNID either Dutch or GG talk by man @ 0630 Nov.8, then chimes, then what sounded operatic @ 634, just too weak for clear pickup. W. Germany likely -ed
- 1375 ST. PIERRE et MIQUELON in w/ mx & YL FF ancr. Pretty good signal from 2333 Nov.6.
- 1467 t MONOCO Monte Carlo assumed w/ Frank Sinatra singing- which was just about all I could make out 2307 Nov.6.

PAN AMERICAN DX ROUNDUP

- 535 GRENADA St. Georges - R. Free Grenada noted 2250-2308 Nov.2- ID "This is R. Free Grenada" -signal weak- talk on tree conservation laws; mx; talk on farming techniques. (Prindle-NY) A big IRCA welcome goes out to both of you!::: -ed... R.F.G. (tent) w/ American rock mx noted 0155 plus on Nov.8. (Stutterheim-NY)
- 595 DOMINICA -first time heard well this season 0135 plus on Nov.2 w/ slow vocal in EE. (Stutterheim-NY)
- 690 CUBA CMBB- lively LA mx 0638-0650, then ID for R. Diffusion Nat'l & R. Progreso followed by space sounds. On top of channel 0638-0655, Nov.8. (Stutterheim-NY)
- 699 t. DOMINICAN REPUBLIC Valverde HICO assumed w/ soft piano mx, then uptempo LA mx 0143 plus on Nov.2. (Stutterheim-NY) I wish this blasted typewriter had a "plus" sign.. I use ♯ for "plus" now -ed.
- 705 t ST. VINCENT only a het 0145 Nov.2 (Stutterheim-NY)
- 720 CUBA CMDA strong w/ usual Cuban stuff. Mention of R. Rebelde @ 0150 Nov.7. Fighting w/ another LA for control of channel. No domestics! (Stutterheim-NY) what did you expect??: KUAL or KOTZ -hi -ed.////
- 834 BELIZE Belize City R. Belize heard Nov.12 0340-0400. Arm chair level on a cheapie GE clock radio w/ "Hello Tomorrow" talk show & ID on the hour. Way on top of WCCO w/ good AU cx. (Jansinski-IL) Let's all welcome our second new reporter this issue!::: -ed
- 834 BELIZE also noted 0142-0200 on Oct.29, mx pgm "World News Report - News Around The Globe Today" sig. fair but fading. (Prindle-NY)
- 880 CUBA R. Progreso ID heard u/thru WCB3 0150 Nov.8. (Stutterheim-NY)
- 905 ECUADOR Guayaquil HCBO-2 in fair w/ plenty of R. Espectaculo ID's very clearly heard several times between mx, at 0806 on MM Nov.2. In well over 10 mins. Taped for stn.# 1350. (Rieger-WI) Very nice catch!::! & welcome to our third new reporter this week!::: -ed
- 950 VENEZUELA Caracas YVKG in w/ beisbol game in SS; spots for some businesses in Maracay & Caracas, good signal 0035-0045 Nov.2. Another LA under. (Stutterheim-NY)
- 1120 CUBA R. Cadena Habana atop the freq @ 2358 Oct.27 w/ann. (propaganda slogans) on Nicaragua fol'wd by ID (Stanbury-ON)
- 1165 ANTIGUA St. Johns Carib. R. Lighthouse noted 0023-0111 on Oct.30. Rlg. mx pgm named "Lighthouse Favorites", signal fair but severe fading. (Prindle-NY)
- 1190 CUBA noted w/ mx // 640 & 1120 @ 0007 Oct.28. (Stanbury-ON)
- 1200 h GUATEMALA TGMX R. Rumbos is now here from 1210. Harmonic heard nightly on 2400 kHz. (Stanbury-ON)
- 1416 CARRIER het only -possibly TVI, but looped C.Am. Nov.0123E. (St-NY) Perhaps from HIQS in Dom. Rep. -ed.
- 1555 CAYMAN ISLANDS George Town, R. Cayman noted 0120-0207 on Oct.30, caught tail end of comedy pgm; part of SID then went into a musical pgm, SID: "R. Cayman putting the sunshine into your day", signal fair but severe fading. (Prindle-NY)

Nice to have three new reporters! Out of room, credits next week. 73's KAZ



DX WORLDWIDE - WEST



Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185 deadline Tuesday

DX has dropped off here in the last week. A few JJ stations in, a Chinese or two, but not too much else. On a brighter note, received a report from Brian Vernon-Elsa, Fukon. DX seems to be rolling in up there, so on to the reports:

TRANS-ATLANTIC DX ROUNDUP (A nice list!)

- 882 UNID, Either BBC-Wales or the neighbors' TV was putting a slight het on KRVN/WCBS from 0525 to 0545 11/5. No sign of another TA or TV birdies at the time. Looped NE, WCBS unusually good o/u KRVN! at the time. (BP-Wa)
- 1017 WEST GERMANY, Wolfshelm-SWF 10/31 at 0518 inst. mx, then OM in GG, Big sig. (BV-Yt)
- 1044 EAST GERMANY, Dresden-10/31 DDR at 0521. GG mx noted in passing. (BV-Yt)
- 1053 ENGLAND, Droitwich-BBC 10/31 at 0522-C&W mx // 1089. Big sig. (BV-Yt)
- 1089 ENGLAND, Brookmans Park-BBC 10/31 at 0539, male ancr ment. "Early Show" on Radio 2, till 0730, xlint sig. better than // 1053. (BV-Yt)
- 1098 t CZECHOSLOVAKIA, Bratislava-10/31, at 0522-OM w/talk too weak too check the lingo. (BV-Yt)
- 1161 FRANCE, Strasbourg-10/31 at 0545, male and female talking to someone via/phone, all FF. (BV-Yt)
- 1206 FRANCE, Bordeaux-10/31 at 0552, male and female oriental lingo, on Cult. net. (BV-Yt)
- 1251 LIBYA, Tripoli-10/31 at 0517, male AA wailing mx, poor. (BV-Yt)
- 1269 WEST GERMANY, Neumunster-DLF-10/31 at 0523, inst. mx, big sig. noted in passing. (BV-Yt)
- 1278 FRANCE, Strasbourg-10/31 0544 male shouting // 1377, Cult. net, fair. (BV-Yt)
- 1350 FRANCE, Nancy/Nice-10/31 male and female // 1161-fair signal. (BV-Yt)
- 1377 FRANCE, Lille-10/31 at 0548, likely this w/BFL type mx, FF vocals, not // 1206, Cult. net at this time. (BV-Yt)
- 1440 LUXEMBOURG, Marnach-10/31 at 0548, GG mx, exc. signal. (BV-Yt)
- 1458 ENGLAND, various locations 10/31-0529, noted // 1053 and 1089-Radio Two. (BV-Yt)
- 1476 AUSTRIA, Wien-ORF 10/31 at 0524, clas. mx 0525-male CG talk. (BV-Yt)
- 1539 WEST GERMANY, Mainflingen-DLF-10/31 at 0527, inst. mx xlint. sig. (BV-Yt)
- 1593 WEST GERMANY, Langenberg-WDR 10/31, 0526-male singer GG, exc. (BV-Yt)

PAN-AMERICAN DX ROUNDUP

- 580 MEXICO, Chihuahua-XEPI, Mex. mx 10/19-1045 and R. Mexicana ID. (GK-Ca)
- 750 NICARAGUA, Managua-YM, mx and political comment in SC 10/20-C348 "Radio Sandino" ID. (GK-Ca)
- 760 CUBA, at 0947-9/28 w/KFMB off, good signal-man and woman talking w/clock ticks, a pip every minute, then a TC. (RT-Ca) (I would like to hear this one, but all I hear is KORL. FM) (You mean KGU, don't you? bp)
- 825 ST. KITTS, Basseterre-Radio Paradise 10/31, poor w/WBAP slop w/singing, but then came up at 0358 w/The time is two min. until the midnight hour, and this is radio Paradise in St. Kitts---the Gospel voice of the caribbean...Songs of the night, a Pgm hrsd Monday through Friday from 11:15 until Midnight close. New country. (SMT-Ca)
- *Also noted with rel. pgm and minister from 0110, with fades, noted again at 0150 on 11/8, and at 0159.30 "This is Radio Paradise from St. Kitts". Also new country. (FM-Cr)
- 830 MEXICO, Novolato-XEVQ-s/off 0155-10/23 w/ID and mx (GK-Ca)
- 834 BELIZE, at 0450-10/19 monster signal, much better than adj. US clears request pgm. Kenny Rogers mx. (RT-Ca)
- 880 MEXICO, Los Mochis-XEPMK-hrd. 10/16 at 1230 w/ID. (GK-Ca)
- *Also noted w/ad for place in La Paz, B.C. then 80 y 8 jingle and chatty DJ-125C-11/2 (BF)
- PERU, Lima-OBZ44-Probably the one w/a variety of Latin mx 10/25-0710-C&C5, sig. good to nonexistent. Def. "Union" ID in mx promo, actual freq. a couple hundred Hz high. (GK)
- 890 HONDURAS, Off at 0558 11/5 w/R. Honduras ID and ment. of "Centro America y Mexico" into vocal Honduran NA, good in WLS null (BP-Wa)
- PANAMA, David?-0611-10/14 "Radio Nacional de Panama" ID clearly heard, followed by BFLish piano mx "Stangers in the Night", good signal, not listed as such in WRTH-81 (RT)
- UNID, at 0558-10/15, piano mx then "Buenos Noches" song, TT at 0601, but gone 0602, leaving Panama/Colombia. Who is this? (RT-Ca) (Possibly Honduras. See above. PM)
- 1180 t COLOMBIA, Bucaramanga-EJGK at 0700010/13, "R-C-N" ID hrd, sig. poor because of KOPI interference, poss. "Radio Santander" (like my street, hi) but sounded more like Radio Centro. (RT-Ca)
- 1210 t DOMINCA, 0915-9/28, FF talk noted o/u Coro, Venezuela, fadey, Tried 1205 Caymans, no luck. (RT-Ca)

- 1250 MEXICO, Hermosillo-XEDL at 0118-10/12, rapid SS talk, rapid LA mx and "...del Maximo Auditorio" Slogan heard. Signal fair to good, some KPM5 Qid. (RT-Ca)
- 1450 MEXICO, Aguascalientes-XEYQ 10/2 at 0620 on top of CY mess w/Pop mx and SS talk, "X-E-Y-C ID at 0630. (SM4-Ca)
- 1610 ANGUILLA, Caribbean Beacon-0458-10/19, this was the first thing I looked for once I heard Belize Monster signal, fair sig. sign/off hrd "The new Powerful voice of the Caribbean, the Caribbean Beacon" Gave freq. of 600, 1510, and FM. Sudden QRM made remainder almost impossible to copy. Off shortly thereafter. (RT-Ca)
*Also noted on 10/31 at 0300, w/rel pgm, after ID "This is the Caribbean Beacon", noted also on 11/1 w/rel pgm into mx at 0300, New country. (FM-Or)
- TRANS-PACIFIC DX ROUNDUP
- 155 USSR, Khabarovsk-10/31-1228 male and female talk in RR. (BV-Yt)
- 657 t NORTH KOREA, Kangnam-w/Operatic-sounding mx 10/19, 1152, and at 1200 time pips, slightly higher pitched than NKK pips. (GK-Ca)
- 666 NEW ZEALAND, Wellington-2YC great w/mx by man at 1111-10/25, then Crch. mx-1115 (BF-Wa)
JAPAN, Osaka-JOBK-hrd. w/NHK pips 1100-10/19. (GK-Ca)
*Also noted 1112-10/12, fair sig. w/JJ talk, KNR slopover. (RT-Ca)
*Also noted 10/31-1224, JJ play // 837. (BV-Yt)
- 693 JAPAN, Tokyo-JOAN-1408-10/12, Surprise for me, hrd thru KNR slop, SS lessons, // 828, 774 873. (RT-Ca)
*Also noted 10/31-1113, male JJ talk, exc. sig. (BV-Yt)
- 729 UNID, hrd on CKLG-1403-10/22. (BF-Wa) (Poss. 5CL.PM)
- 756 NEW ZEALAND, Auckland-1YA, good carrier, bits of audio in KXA splat-1402-10/22 (BF-Wa)
- 774 JAPAN, Akita-JOUB-10/31 at 1145 male ancrs. JJ // 693, 828. (BV-Yt)
- 819 NEW ZEALAND, Rotorua-LYZ, old pop tunes 1357-10/22, YL ancr at 1358, inst. fill to 1400 no pips, then LL talk. Good to poor. (BF-Wa)
- 828 t AUSTRALIA, Sale-3GI-carrier w/bits of clas. mx 1355 10/22, and 0955-10/25. (BF-Wa)
JAPAN, Osaka-JOBB, man in JJ fair, hetting KIKI-1245-11/2. (BF-Wa)
- 837 UNID, 1401-10/12, good sig. but muddy audio, prevented me from determining language. (RT-Ca)
UNID, 10/16- w/time pips, 5 or 6 of them, last a long one, def. not NKK. (GK-Ca) (Poss. the Rel KK on 837.PM)
- 873 JAPAN, Kumamoto-JOGB, 10/31, 1224, male tlk // 774. (BV-Yt)
- 891 JAPAN, Sendai-JOEX // 666 10/19, 1112 in solid even in 13 KHZ selectivity. (GK-Ca)
SOUTH KOREA, Pusan-HLKB from 1413-1419 10/13, noted in // w/HLCF-1035, equal tones noted 1414 talk by male in KK, in which I may also have had a // on 1215 as well, but that audio was very muddy. I noticed that the rhythm of speech was the same as 851/1035 so that's what I base my suspicion on. (RT-Ca)
- 954 JAPAN, Tokyo-JOKR, 10/31-1148, two males in JJ talk. (BV-Yt)
- 1008 JAPAN, Osaka-JONR-10/31, 1142, YL w/JJ talk, poor. (BV-Yt)
- 1017 JAPAN, Fukuoka-JOLE 10/31 at 1314, male JJ talk // 828 (BV-Yt)
- 1044 t CHINA, Peking FS poss. the one w/Oriental here at 1120 10/19 w/slow CC read by man. (GK)
*Also carrier noted 1325-11/2 (BF-Wa)
- 1053 CHINA, Foreign service-0937 10/31, noted in well, earliest hrd for me. (RT-Ca)
*Also noted w/FS 10/31 at 1318, YL w/talk vy distorted audio here, big. sig. (BV-Yt)
- 1080 NORTH KOREA, 10/31, jammer echo, vy strong 1212 (BV-Yt)
- 1080 ALASKA, Anchorage-KANC, seems to be playing rr oldier #1 adult mx was C&W. (BV-Yt)
- 1116 JAPAN, Unid 10/31, 1214 group of people JJ talk, too much CHQT splash and CBDD 2nd Harmonic splash for decent audio. (BV-Yt)
- 1134 JAPAN, Tokyo-JOOR-10/31 at 1231 YL in JJ w/intro to mx, MOR type EE and JJ mx. exc. (BV-Yt)
- 1143 UNID, 10/31 1217, YL singer oriental but in for a minute. (BV-Yt)
- 1152 UNID, 10/31-1334, EZL mx, exc. signal, too much CBQD splash, after 1338. (BV-Yt)
- 1170 SOUTH KOREA, Gimje-HLBR-10/31, Yellow Bird inst. 1245-female seemed to say KBS, then YL and CH w/talk, exc. sig. (BV-Yt)
- 1188 JAPAN, Kitami-JOKP at 1207-10/31, YL w/laugh and talk, exc. (BV-Yt)
- 1206 CHINA, Jilin-10/31-1242, YL w/play then 1245 male ancr, in CC good. (BV-Yt)
- 1215 UNID, 10/31 from 1350-1400 inst. mx, 1400 pip lasting 3 seconds, then male ancr, audio too muddy to detect lingo. (BV-Yt)
- 1242 JAPAN, Tokyo-JOLP-1136 JJ play, ec. signal. (BV-Yt)
- 1260 JAPAN, Sendai-JOIR at 1140-10/31, JJ play, good only briefly. (BV-Yt)
- 1278 JAPAN, Fukuoka-JOFR-10/31, at 1314 two males w/JJ talk, good. (BV-Yt)
- 1287 JAPAN, Sapporo-JGR-10/31, 1140 with JJ rr mx, local like. (BV-Yt)
- 1305 SOUTH KOREA, Ulsan-HLSV-10/31 at 1203, male w/KK talk and // 1467, good signal w/some QRM, YL w/oriental talk u/this. (BV-Yt)
- 1314 CHINA, Guangzhou-F.S. 10/31-male w/RR talk-1327-fair. (BV-Yt)
- 1332 JAPAN, Nagoya-JOSP-10/31, exc. signal 1153-1203 YL and CH w/lots of talk between mx, no tone noted at 1200. (BV-Yt)
- 1314opps JAPAN, Osaka-JOUP-10/31 1138 mx in EE, male ancr in JJ. (BV-Yt)
- 1413 JAPAN, Fukuoka-JOIF at 1222-10/31, male and female vy slow JJ talk. (BV-Yt)
- 1422 JAPAN, Yokohama-JORF-10/31 at 1248, YL w/JJ talk-poor. (BV-Yt)

1467 SOUTH KOREA, Magpo-HLKN-10/31 at 1153, male w/talk o/mx maybe documentary? //1305. (BV)
 1566 SOUTH KOREA, Cheju, HIAZ solid 10/26 1131-1202, even on the GE Superadio. Call letter
 ID per WRTH hrd. 1200, note that "amen" is the same in KK as EE! (CK-Ca)
 *also noted w/JJ talk in CHUB slop-1309-11/2. (BP-Wa)
 *also noted 0929-10/31, with exc. signal. (RT-Ca)
 *also hrd at 1141-10/31 w/sexy oriental voice. (BV-Yt) (On a religious stn?? bp)
 1614 ALASKA, AFNN-unknown location 10/31 at 1151, noted here a few times of late // 1360
 vry strange good signal, when in. (BV-Yt) (This is a good one for DXers here to try
 for when Alaka is in. FM)

VERIES:

1251 WESTERN SAMOA, Auala-1 KW-received vq and letter in 2 weeks for taped report, ment.
 2nd pgm. broadcast on 1062 KHZ only fow night transmission only. VS-P.S. Ball-Tech.
 Supervisor-ZAF-Apia (PK-Gr)
 1593 AUSTRALIA, Renmark-5MV-2KW sent large ABC Vq in one month for taped report. VC is
 Matt Ruage. (PK-Gr)

THANKS TO THESE REPORTERS:

GK-Glen Kippel-3394A G. Street-Merced, Ca. 95340
 SP-600-JX17, 7X12 foot loop, aimed E/W, a 7 by 10 foot loop aimed N/S, Superadio
 SMK-Steve Mittman-2248 West 37th Street-San Pedro, Ca. 90732
 Realistic TRF, FRG-7, 3 ft. Wedge loop
 EP-Bruce Portzer-6546 19Avonue N.E.-Seattle, Wa. 98115
 HQ-180, 4 ft. loop
 RT-Rich Toebe-556 Santanger Drive-San Ramon, Ca. 94583
 Grundig 3400, R. West loop
 BV-Brian Vernon-General Del-Elsa, Yukon, CANADA
 FRG-7000, DX-300, DX160, DX-15CA, 5 Beverage antennas.
 PK-Yer Editor E.H. Scott (RBO-2)-600 foot LW NE/SW, Ground system(3 radials).

★ ★ *New Members* ★ ★
 IRCA—Our 17th Year

Editor: Rich Segalas • P.O. Box 26254 • San Francisco, CA 94126

New Members, Membership Renewal, Address Changes—Send to the Above Address

Bill Gilbert, 26 Terrill Lane, Kings Park, NY 11754
 William G. Martin, 1106 Bellerive Blvd., St. Louis MO 63111
 Kim Medley, 1531 Hyde St. #23, San Francisco, CA 94109

ADDRESS CHANGES

Jack K. Lattemann, 831 NE 57th, Seattle, Wash. 98105
 Ronald G. Heath, 4462 Shearwater Ct., Pleasanton, CA 94566



Renewals as of 18 November 1981

Tom Jasinski, Bob Lazar, David Spraker, Harry Hayes, Ken Horne, Bob Pietsch,
 F. W. Atkinson, Heath Wayne, Ronald G. Heath, Rick Svajdenka, Brett Hanavan,
 Bob Coomler, Derek Ford, David Lanoue, Herb Mountain, Jim Wallace, Bill and
 Nancy Hardy, Gary Atkins

DON'T FORGET THAT ALL RENEWALS AND ADDRESS CHANGES SHOULD COME TO ME AT THE
 ABOVE ADDRESS FOR MORE EFFICIENT SERVICE AT LEAST ONE WEEK BEFORE YOUR
 MEMBERSHIP EXPIRES OR YOUR NEW ADDRESS TAKES EFFECT.

Remember, the code next to your name on your label (e.g. 1281 or 0182) stands
 for the issue number and the year through which your membership is paid, not
 the month in which your membership is up. That issue is the last one that you
 will receive unless you renew. I will send a postcard to you reminding you
 that your membership renewal is due approximately five weeks before your renewal
 date.

EASTERN DX FORUM

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

G. Carl Mitchell, P. O. Box 1003 Fairfield, Connecticut 06430
(cont. from last week)...So now besides amateur equip. just have Kenwood R-300 receiver. Sensitivity better than R-1000 but has more poor qualities since price cheaper. (A note to BCB DXers that cannot move out of backyard for listening-QLing...metro areas are so full of RF energy and electrical noise that you're running at minus 2 million.) Would be very interested in exchanging tapes especially of 540-700 kHz. approx. I am low freq. nut. That's legal, is it not? Instead of TV watching (brain damage) or tired old local radio, throw in cassette from Hawaii. (Sorry...have no reel 800\$ recorder now). This is very expensive thing; BCB DXing. Have to move slow. Even if money no problem it also takes enormous time. Need Spanish help. Ocean to south here and I cannot make out calls of thousands of Spanish stns!!! Help. Even sent a tape to ERC of NRC over 540 kHz. Had to. 540 my speciality. Enough for now. I have amateur radio DXer bugging me to get back to A.R.--but still ears on BCB. Anybody know source of cheap-used-etc. cassettes? Ad for 10¢ apiece would probably net a million---

Larry V. Flegle, 601 Noble Forest Drive, Norcross, Georgia 30092
I'm back! After a couple of years off, I decided to rejoin and get back to DX. Re-intro, I am 33 years old, married, one child. I started DXing in 1969 and now use a R-388 Collins with various antennas. Until recently, I was co-owner of WBTG-FM, Sheffield, Ala. I now work for ITT here in Atlanta. Also, I'm a former IRCA-BoD member. Much time has been spent lately in my other hobby, antique radio collecting. Right now, I'm trying to restore a 1926 Neutrowound Super 6. By the way, if you're down Atlantaway they have a great old radio collection at the museum at Stone Mountain Park. I guess that's all for now. Good DX.

Karl J. Zuk, 224-04 Stronghurst Avenue, Queens Village, New York 11427
Thanks again to Paul Mount for holding up EDXR all this time. First, I vote NO on TV-FM as a supplement to the DXRs. A mention here and there in the forums is OK, but this is a BCB club, folks! News-the new ABC network feed pattern starting Jan. 1 will be: 00 - 05 - ABC-I news, 05-27 features and closed circuits, 27-29½ ABC-E "update" news, 30-34 ABC-E news, 38-41½ ABC-FM news, 42-44½ ABC "rock" news, 45-49 ABC "direction" news, 52-55½ ABC "custom-cast" news, and 56-59½ ABC-C news. Rock, Direction, and Custom-cast are the new services to the net. Many thanks to Nick Hall-Patch for help and inspiration on my recent tech articles and a Kiribati Post Card. After waiting years and years to get Vt., I managed two in two days: WSKI and WDEV! I found some humor in the ad in a recent DXM about giving your girlfriend or wife a copy of the foreign log for Xmas. They all think we're nuts already! Don't encourage us to look totally obsessed! (even though we are!) Has anyone noticed that the new Chevettas and Pontiac T-1000 models have a "C-4 Computer Control System" that throws a local oscillator carrier every 131 kHz on the provided AM radio? How do you get rid of its signal? I've tried everything! I was also thinking of using a 80 meter loading coil on the car's antenna to load it and make it more effective. Has anyone had any experience with loading coils or pre-amps on car radios, and how has it worked out? Help! All for now. & 73's.

Richard C. Evans, P. O. Box 1294, North Wales, Pennsylvania 19454
RE PRM's comments about allowing forums on formats in the DXM (see 11/7 EDXF), I expect to follow suit and allow comments about formats. The main thing that disturbs me about it, tho, is that some tend to get carried away in feeling that their favorite format is the only one that stations should be allowed to use. For myself, I like to listen to half a dozen different formats, depending on my mood, and what I'm doing at the time. I rarely just listen to a radio--I'm doing other things at the same time. Was over in Harrisburg, Penn. for a singles conference 11/13-5 but no chance to DX. See you in 7 days. 73.

ERNEST R. COOPER - 5 Anthony Street - Provincetown, MA 02657

May I say a few words on behalf of the stations putting on special tests for the DXers? Now I know a lot of you don't verify, and a lot of you are on limited budgets, but please guys, try to send at least a post card to the stations honoring us with test broadcasts, so they will know we care about their trouble and courtesy. If you hear them, let them know how they came in, as I say, even if you don't want a verification, so they'll know
(Continued on page 13)



Western DX Forum

★ ★ ★ ★

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, P.O. Box 4861, Santa Rosa, CA 95402-4861 (707) 865-1260

1981/2 Deadlines—Weekly on *Wednesday*, 10 Days Prior to Publication Date

(Note: Tuesday Deadlines Prior to U.S. 3-Day Weekends)

BILL HARMS, P.O. BOX 7428, UNIVERSITY STATION, PROVO, UT 84602-0428

OK, there is a typo (mine) in the last forum. It would read better if the word "good" was placed between the words "pretty" and "bunch," in the third sentence of the first paragraph; so it would read, ". . .pretty good bunch. . ."

Not many exciting things going on here lately DX'wise. My schoolwork has been pretty heavy lately, so not much time for DX.

bp's comments regarding KSL's sloop was interesting. At my Provo location, KSL slops only minimally with KVOO 1170 very clear and 1150 DX'able. In Salt Lake City, 1150 and 1170 get slooped no more than from any other local. Really, they have a fairly clean signal compared to most. (I must agree with bp, Bill. Prior to s/on at KPLS, I hear KSL's sloop in our monitor-Rth.)

My local sloop champion is KFTN 1400. They're head and shoulders above anyone else locally. When I null KEYY 1450, KFTN not only still slops 1450 but also 1460! KEYY, despite being closer to my QTH, only slops 1440 and 1460. The audio on KEYY sounds much cleaner and is more listenable than KFTN. I talked with KEYY's CE Carl Watkins about it and he said that KFTN is using the latest in audio processing. KFTN sounds terrible; the audio response is very poor. It sounds loud but for anyone with any taste in audio would be re-sloped. Anyone else noticed the same thing?

I've got a test this PM, so 73 and good DX de WJH.

GENE MARTIN, 3303 E. EVANS AVE., DENVER, CO 80210

It has become difficult for me to maintain any interest in DX'ing in recent months, and the new season has offered wretched conditions from my point of view. I would have liked to hear Anguilla 1610, and surely would have, except my 1280 local has a stubborn image there and it would take a potent Anguilla signal to break through it.

Up to 07 November, the Japanese powerhouses have showed up only a few times, only three or four occasions, and never with any decent signals. I have heard very little worth taping, one exception, 2BL 702 Sydney, arriving nicely 11 October as late as 1243, 23 minutes ahead of sunrise. 2BL was hitting WLW soon after 1100 that Sunday morning, and by 1230 was stronger than WLW in its morning fade-out period.

Nor has Latin American conditions been very good this season even under auroral influence. Several Monday mornings I have monitored 1030 in the 0800-0900 period trying for LS10, often heard in other years. Mexico and Colombia have been there, but no Buenas Aires so far. When it is, Buenas Aires can be recognized fairly easily on account of its non-stop yakking, no music. Of course, the Western DX'er never benefit from auroral conditions as much as Eastern DX'ers who often find the Latins all over the band. (Could that be in part that the EC is closest to LA stations, Mexico excepted?-Rth.) For the most part, Down Under signals were better in July and August than they were in September and October.

Mrs. Martin and I will be making our third trip to Hawaii at Christmastime, staying this time on the island of Kauai, 60-70 miles west of Honolulu. Grand-daughter Jennifer from Minnesota is going with us; she's nine.

Am taking my GE Superadio which feeds into my Sony cassette recorder and may get three or four hours of honest-to-god DX on tape. The GE has been worked on so that its speaker keeps operating when you plug in to its ear-phone outlet. It's still difficult though to read exact frequencies on the GE. Alaska has never made it to Denver for me, but it's heard easily in Hawaii. (Right. Conversely true when in Alaska-Rth.) 73.

JOHN CHARLEY KELEHER, 170 SOUTHVIEW DR., #3, MARION, IA 52302 Part I

First, I want to say sorry, Todd Skaine, I wasn't home that weekend. Will write, but in the meantime, don't be ashamed of playing the cello, because you can probably make a better living doing that than DX'ing. It's up to you to decide which is more fun.

Sorry, Rth, that you didn't have more to say about car radio DX'ing, but I'm in complete agreement with what you did say. A good car radio is a fine compliment to any DX'er's collection. My best came with my '75 AMC Hornet, and it turned out to be made by Motorola of Canada.

When I lived in Indiana, I could hear WSM 650 on it all day, any day, at a distance of some 400 miles. Little WHLO 640 came in all the way across Ohio with a signal that you could not believe to be only 1,000 watts.

I never really had an opportunity to try to work splits on it as I had better rigs in my home for that, but I don't doubt I could have received them on the low end of the band if I'd tried for 'em.

At one time I had both a CB converter and an FM converter working into it, and I got some fun CB DX (wanna hear a pirate? You'll listen a long time for one on BCB, but on CB, they're almost instantaneous.) FM was OK in the boonies, but rather a mess when you got near Chicago with so many stations. All this with no degradation in the AM mode. (Part II next week-Rth.)

TERRY A. KLAISEK, 9720 VICKIE PLACE, ST. LOUIS, MO 63136 (314) 868-7274 ppd

Cheese and crackers, gang. You luck is still bad as here I am with yet another forum. Ric Heald is hoping each new forum I send will be better than the last. So far, each forum of mine does live up to the same low standards set by its predecessor, hi. Rth, this will teach you not to volunteer to become an editor, hi. (You should take up writing for a profession. On second thought. . .DON'T, hi-Rth.)

A lot of people have written me recently, and both of them want to know more about me. I can't figure out why, but I'll make an intro anyway. I'm now 35, married for over ten years, have two daughters (five and eight months) and wife approves of DX! Well, as long as I spend some time with the family and let them have rights to the TV, GLADLY. I have two years of college and studying for Broadcasting ticket. I'm head custodian of a supermarket to see it's kept clean and work from 0600 to 1430 Monday through Saturday.

I seriously began BCB DX in '79 by talking to that well-known clam, Rich Eddie. I did do spotty BCB DX since June 1965 just for heard DX. I'm mainly a SW DX'er and I belong to a SW "elitest" club called Fine Tuning. I wonder why there is no "elitest" BCB club? (You're in it! Cough, cough, sputter, hi-Rth.) I enjoy BCB DX, but most of the music (pop, new wave, rock, soul, country) such Donkey Fadoo as far as I'm concerned. I'm a classical person.

I'm dictator. . .er. . .president of a DX club with many idiots in it called SCIDX. The only DX club where fun and humor are high priorities. (You've never been to a BARG CTC, have you?-hi-Rth.) We hold monthly meetings and everyone is welcome, even Rob Harrington, hi.

By the way, who is this Jef Jaisun? Is he crazy too? He reminds me of a friendly neighborhood narco agent I once knew.

CU whenever gents, and I use the term loosly for a few IRCans, hi. TAK.

MARK STRICKERT, P.O. BOX 931, SAN FRANCISCO, CA 94101-0931 (415) 652-1875

Eek! Guess it's time I stopped writing forums while on riding to-from work. Stuff's just not showing up as intended. (You're right Mark. I've had to guess quite a bit-Rth.)

In 07 November forum, delete paragraph II. . .am sure I wrote WDXF editor. (Nope, WDXR-Rth.) Also, paragraphs four and five were ment to be one as all happened that same day. (Also, add "with RW" far as who I talked with that day.)

Meanwhile, DX has picked up a bit with change from daylight time, SRS is a bit late but now SSS is has hope (Huh?-Rth.) With luck, I might even start contributing (is it tax deductible? Hi) to WDXR eventually. Certainly the big 14-15 November Beverage party will help.

Is it my imagination or has there been a major epidemic of call changes? I guess I'm just noticing them more as so many of them involve stations I have stickers from, which means making special notes on my list, grumble.

I see KRRX 1500's applied for KMGX. . .they were already authroized for KSJO, but that's still only on FM.

Next week, a report on how being in the same room with a 250 watt FM transmitter for one-half hour can. . .uh, oh well, forget it. 73.

JAMES VERNON, 1942 Deerpark - 78, Fullerton, CA 92631

Greetings from smoggy Orange County. After not sending a forum after nine months of membership, I felt guilty, so here goes. I'm new to organized DX'ing, but have been doing it periodically since I was a kid way back in the '60s, hi.

My log now records 24 states from this location (or 23 if I can't count that pest SQM for Alaska), using a Superadio and a TRF 656. One of these

days I'll get a real radio and antenna. . .I hope.

From my experiences the TRF outperforms the GE. Both are stock and use only the internal antennas. The GE has more AF gain and seems impressive on locals but the little TRF hangs in there where it counts. New stations and states this week are WCBS (NY) and KIKI (HI).

Thanks to Nick and Gerry for the technical information and Neil, welcome to SoCal. 73. (And welcome to IRCA and WDXF James. Hope to hear from you as often as you can find the time to write-RtH.)

ROB HARRINGTON, 3181 S. YORK ST., ENGLEWOOD, CO 80110

DX'wise, I did hear the TEST last night at 0030 from KCLV 1240, but it only came in for the first ten minutes. Heard tones only, no ID and tones were very weak and then gone. Must have changed power. (How can you log or hear them if you didn't have an ID?-RtH.)

Not much new here other than working two jobs for a total of 50 hours a week. Little time for DX, bowling and correspondence.

Hello to that fool in St. Louis, gee, thanks for the fake money, but I prefer the real stuff. Thanks to Wheels for the real one dollar bill. I bought some stamps with it.

I hope someone will submit a proposal to the BoD to use GMT instead of ELT in all of the columns. How do you feel about GMT? I know Ric doesn't want it, right? (Right. GMT is used where it belongs, in the foreign sections-RtH.) 73.

FRANK ADEN, JR., 4514 SE 83rd #5, PORTLAND, OR 97266

I've tried DX'ing Japan and Australia lately but so far, nothing. All I seem to hear here is Latin Americans. Sometimes I wish I was back in Newport. I get over there about once a month and take my TRF, but motels are rotten for DX with so many TVs and especially with NSP Cable TV there. I did do some listening with my car radio in Lincoln, City a few weeks back but didn't really hear anything. Always seem to find myself listening to FM instead. I put a KP 5500 (Pioneer) in my car and it does not appear to be too bad of a BCB receiver but I do little DX'ing with it. My old VW's radio was about shot, in fact, so was the car as it died last year. I got tired of used cars breaking down so I bought a new Datsun 210 5-speed. Hard to beat 42 mpg.

Interesting note: Bill Frahm in Boise reports JOUB 774 is giving KOB a lot of interference there and yet I can't seem to hear it here. I'm now using a timer to turn my FRG-7 and tape recorder on at various times in the early morning to see what changes occur in conditions. Maybe I'll turn something up.

Ever wondered what to do with all those IRCA/NRC reprints you order? I'm using two loose-leaf notebooks for them and now plan to add more material out of club bulletins (photocopying articles). This sure makes it a lot easier to refer to than having to dig through a stack of bulletins to find a long-lost article. 73.

(And now the moment you've all been waiting for, it's time once again for JAISUN'S JOURNAL. ((Bring in theatre organ music)) When we left Jaisun last week he was boring the heck out of us about what could be heard when KGO is off. . .)

JEF JAISUN, BIG ZUCCHINI CHICKEN RANCH, 12860 136th AVE NE, KIRKLAND, WA 98033

The weather was so nice on 01 November that I almost started putting a Beverage up. Was a record 67^o coupled with a lot of seasonally leafless trees, made it pretty easy to get through the woods around the farm. I did manage to haul in a bunch of wire I'd used previously for speakers in the garden - it's three-strand vinyl-coated telephone cable, so once I get it peeled I should have plenty of wire. I suspect I'll wake up one morning soon to find Portzer at my door, clutching a spool of 22-gauge copper filament in one hand and a machete in the other. This year we're going to tie the wire to the BN railroad tracks and see what happens when they open the switches. Too bad the Milwaukee Road went under. . .I still need Wisconsin, hi.

I'd like to thank our IRCA member in Koln, West Germany, Wilhelm Herbst, for sending me a copy of his DX mag, Skala. Also, WH, thanks for the radio stickers. You'll be getting some U.S. ones in return soon.

The IRCA membership map in the 31 October issue brought out some interesting data. I have often heard it said that we are primarily a West Coast club, and that NRC is primarily an East Coast club. Not being an NRC member, I don't know how their membership breaks down geographically, but the IRCA map shoots holes in the "WC Club" theory. The combined totals of Washington, Oregon and California are 102; the combined totals of the Eastern Seaboard states are 90.

Sure, California, due to its size, has a whopping 80 members, but New York, Pennsylvania, New Jersey, Virginia and North Carolina are roughly the equivalent area with just a tad less members. The Great Lakes group was outdistances the other western states. The midwest and deep south are unusually sparse, while the Canadians are pretty well balanced except for Ontario. In any case, one look at the map and you can see we are far from being a West Coast club. You can also tell where the greatest potential for new members is: Six states with no one, seven states or provinces with only one. Can anyone infiltrate WWL's QSL report file? Which reminds me. . . we haven't had a Membership Committee Chair since I resigned a year ago. Anyone interested. 73 de JJ. (Will Jaisun's Journal dare to reappear? Stay tuned-RtH.)

RIC HEALD, P.O. BOX 4861, SANTA ROSA, CA 95402-4861 or 19050 RIDGECREST DR., GUERNEVILLE, CA 95446 Tele-Forum: (707) TOPAZ 51260 to 2200 ppd.

Howdy! Well, not that we've cleaned up from the worst storm in 18 years, things appear back to "normal," hi. Yup, 85 mph winds, 5-7 inches of rain, power out at my place 15 hours, up to 48 hours some places. Dummy here does not have a wind-up alarm clock, so I stayed up all night so I could be at KPLS on time, worst of all, no battery in the FRG-7, batteries in the TRF went dead. I'm prepared now!

SMM, that was real cute, your comment in 14 November WDXR. Ah the Angelinos, they're so jealous of us up north here, hi.

Mark, and others that handwrite their forums: It's often next to impossible to read your writing and often I have to guess. We all makes slight mistakes, I know I have a couple typos now and then (hi), but a carelessly written forum takes longer to type and is harder to follow and that's where mistakes will creep in. I know not all of you have access to typewriters, but please try to write as legibly as possible. And regarding paragraphs, if you choose not to do it on your forum I try to make the best judgement where a new paragraph should start. No two newspapers or magazines have the exact same style and any major daily is full of typos, and they get PAID for what they do, hi.

I've been fortunate over the years with car radios and my folks for years bought only AMC products and AMC has always delivered an excellent car radio. I've tried things like putting up a longwire at a camping spot and attaching the lead to the car's whip antenna, but never did notice much difference. Even in the high RF fields of San Francisco and environs, my Rambler car radio has minimal cross-modulation, spurs and harmonics (except for the toll plaza of the Bay Bridge, hi), with excellent separation and sensitivity. Even on Makret St. a downtown San Francisco with two sets of trolley bus lines and two more sets of streetcar lines, I've managed to pull in most of the midwest clears, further east on exceptional nights.

Sorry John that I had to split your forum; really too long for one shot, and this way it'll keep the subject of car radio DX'ing going that much longer, hi. Wonder if others have experiences with car radios that they'd like to share with the club.

Thanks to my beautiful job of timing, this will come out the Saturday after Thanksgiving. So hope you all had a wonderful holiday.

That's it this week. Have been using the typewriter at work, so this week's column may look slightly different. 73 and good DX de RtH. .

Ernie Cooper's forum...continued from page 9

you listened, and also so they'll know where their signal reached. If you try and fail to hear them (like KJNP, for example!) send them a thank-you card and tell them you appreciated their efforts on our behalf. And if you aren't able to tune for the program, at least thank them for putting on the test -- it is the least we can do for our club, the hobby in general, and for the station putting on the test. It doesn't matter if the test was arranged by the IRCA, the NRC, or the Iranian DX Club -- the test benefitted all DXers. I believe the FETs in my 4' NRC loop are burned out, as that antenna produces virtually no signal at all in my R-390A/URR (the Motorola version). I'm sending that part of it to Steve Bohac in NJ for him to check out. The band for the first half of October was fairly Auroral most mornings, with things like WLQY & WVOJ fighting it out on 1320 during the wee hours, and WROD-1340 Daytona Beach often topping that crowded spot at 2 am. WJNO-1230 West Palm Beach, has a Florida Network AN talk show & they were in nicely here 10/13 @ 0230. 1400 featured Colombian HJAS actually on top some of the time. (Drool! bp) Auroras are my only real chance for DX on the GY frequencies. Ray Arruda, NRCer at 47 Burt Street, Acushnet, MA, is having a GTG at his "Lower Deck" party room on Sat Nov 28, noon-6 pm and all ECB DXers are welcome - a small donation for food/drink will be collected. In closing, I wonder if Ric Heald can hear MOSCOW, Idaho from his RUSSIAN RIVER location? (As Ric would say, "oh, that pest?" bp) Afterthought: I wonder if there is a "United States River" in Russia? Patience and Fortitude. (This forum forwarded to HQ by Paul Mount.bp)

AN AMERICAN DXER IN EUROPE

by Bruce Portzer

In late September and early October, my wife and I took a three-week vacation in nine European countries. Naturally, I brought along my trusty Sanyo RP-7220 AM/FM/SW portable and a cassette recorder. I didn't hear nearly as much DX as I'd hoped, due to things like sleeping and sightseeing, but what I did get in was very interesting.

A big problem in DXing in Europe is the large number of languages on the dial, which makes it tough to identify the stations coming in. To add to the fun, my radio's dial is calibrated every 100 kHz at the low end, and every 200 kHz at the high end. As a result, I had gangs of fun just trying to figure out what frequency I was on, let alone what it was I was hearing. Things weren't too bad in London, where I had several EE locals to serve as references. But by the time we got to Italy, most of the DX was either in Italian or some unknown east European language and oh gee that was fun.... next time I'll bring a rig with digital readout.

One of the more positive things about DXing in Europe was the lack of local stations in most cities. London had the most cluttered dial of the cities we were in, with about 10 locals or semi locals (648,693,720,909, 1053,1089,1152,1215,1458,1548). And only about half of those are on 24 hrs. One real shocker is Paris, with only one major AM local (864 kHz), and it signs off at midnight! That's a bit of a shock by our standards, for a city the size of Chicago. The FM dial in Paris makes up for the AM dial, though, especially since Mitterrand began to allow privately-owned stations.

I made a point of taping time pips and interval signals whenever I could. The French don't seem to believe in time signals. I spent many tops-of-the-hour listening to one of the RTF outlets and never heard any blips, bleeps, or whatever. They just continued their talk, music, etc right across the hour, undisturbed. The British seem to be at the other extreme. The BBC ran six pips every hour on the hour without fail. I even heard the pips in the middle of songs, etc. I wouldn't be surprised if the BBC runs pips after signoff, if the particular station has its OC on. The Italian network, RAI, runs time signals, too. They're run almost every hour (but not always every hour) on the hour and sometimes on the half hour. The signal consists of some high, fast-pitched audio tones (probably some sort of digital time-code information), then 6 pips: (.....) & TC. I taped a few other time signals on other stations, but didn't hear any often enough to establish a pattern for a given station/network.

In case anyone is wondering, the Italian network, RAI, is split into three programs (as noted in WRTH). Radio Uno is the middle-of-the-road outlet, featuring news, sports, drama, discussions, and various kinds of music. Radio Due ("Doo-way") has lots of rock/pop/jazz mx, but can also have mx, cl mx, etc. at various times. Radio Tre is exclusively classical mx, opera, cultural pgms, etc. and signs off at 2300 UTC (not 2230, as listed in WRTH). RAI also has a Slovene service in Trieste (981 kHz plus FM), a German service in Bolzano (not listed in WRTH, probably FM only), and several local and regional services. I'm not sure which freqs the latter use, but I believe most simply cut in to one of the three national networks. RAI's radio & TV schedules are published in a weekly magazine called "Radio-TV Corriere" which sells for 600 lira (about 55¢)--its 160-odd pages are about half advertising, the rest is schedules, articles on pgms, the R. Due Top-20 and so on. RAI's 3 national networks have a very unusual pre-signon IS: 55 "pips" which sound like someone beating a hollow wooden box with a stick, followed by a three second tone; the whole thing takes about 40 seconds and is repeated over and over until the station finally signs on.

The bp award for redundancy in programming goes to the BBC--in London, between 6 am and 7 am, 5 of the AM locals are operating in parallel! It seems Radio 1 relays Radio 2 during that time, and R. London (1548) relays Radio 2 from early evening until 7 or 8 am.

Now for the DX. My location at the time is indicated by a letter at the end of each logging: (A) Amsterdam, (F) Florence, (I) Innsbruck, (L) London, (R) Rome, (S) Arth, Switzerland (near Lucerne), (V) Venice. All times are in UTC. All British loggings, and all continental European loggings before (or on) 9/26 were made while the station was on Daylight Savings Time, so those loggings will be an hour off from what they are now



POLSKIE RADIO I TELEWIZJA

- 520 AUSTRIA, Innsbruck, cl mx to 1758 9/28, then GG YL w/titles of selections, 3-note IS & "Osterreich Einst" ID repeated a couple of times 1800, into big band fanfare & GG talk. OC 0445 9/29, began repeating 3-note IS & "Osterreich Einst" ID 0455, s/on 0500. (I)
- 531 ALGERIA, Ain Beida, good //549 w/AA mx, single pip in middle of tune 0500 9/27 (S). This & 549 dominated their respective freqs everywhere I went, except for Amsterdam, where the Germans dominated.
- 531 SWITZERLAND, Beromunster, OC 0555 SM 9/27, straight into man w/GG nx 0600, no fanfare, s/on, pips, etc at top of hour. Same thing at 0500 s/on MM 9/28. (S)
- 531 DDR, all alone w/no sign of Algeria. Man in GG 2020 9/23. (A)
- 540 BELGIUM, good 1800 9/21 w/pop mx, 6 pips, then YL ancr w/heavy rr mx(L)
- 549 GFR, DLF, dulcimer mx //756/1269/1539 0545 9/27. 1539/756 strong, 549/1269 so-so. (S)
- 549 USSR, opera 2020, RR talk & "Midnight in Moscow" chimes 2030 u/
Germany 9/23. (A)
- 567 IRELAND, Tullamore, man (sounded about Ernie Cooper's age, so definitely not an OM, hi) w/1950's pops 2155, no ID or pips 2200, straight into nx by YL (sounded about my age, so...) 9/21. (L)
- 585 SPAIN, Madrid, RNE, 6 pips, last one prolonged, then Big Ben riffs on horns 1930 9/19, then sports in SS. Very good signal. (L)
- 630 UNID, screamer het here everywhere I went, every night, making 630 unlistenable. Someone's apparently still on 629.
- 675 HOLLAND, is mostly rock mx. 6 pips & DD talk o/France 2100 9/23. (A)
- 720 UKOGBANI, BBC-4, pgm of Hindi mx w/Hindi ancr to 0645 SM 9/20, then pgm of Church bells from a church in Bristol. Now there's a pgm trans-
ition you don't hear very often, hi. (L)
- 702 MONACO, Monte Carlo, good w/heavy rock mx, lively II DJ, R Monte Carlo
IDs 1710-1730 10/1. (F)
- 711 FRANCE, Rennes, mideast pgm //792 0417 9/21. (L)
- 720 UKOGBANI, BBC4, OC w/single tone (resembling a sonar bleep) every 10½
secs 0450 9/21. Suddenly gave ID & date 0453½, then orchestral mdeley
based on "Rule Britannia", s/on anmt 0459 mentioning 200 kHz, VHF, &
list of cities w/MW service. Pips & woman w/nx 0500. (L)
- 738 SPAIN, Barcelona, RNE, good w/"My Way" by Elvis, Spanish inst mx w/
voice-over by chatty SS YL, then R. Nacional de España ID by man
0355 9/20. (L)
- 747 HOLLAND, anthem s/off 2102 9/22. Two-note doorbell tones (in case any-
one is still unconvinced that's them) to 0345 9/24, then woman in DD.
Oddly enough, they had TT at several rechecks 0400-0430, but were back
on RS after 0430. (A)
- 765 SWITZERLAND, Sottens, mx box IS (approx. 30 notes) repeated over &
over, then chimes & s/on w/"R. Suisse Romande" ID 0400 9/20, into nx
in FF. Same thing 0500 10/7. (L) Fair days w/DLF-756 nulled (S)
- 810 UKOGBANI, R. Scotland good w/rock mx 9/22 2145. (A)
- 819 ANDORRA??, nonstop FF pops 2145-2200 9/23, 6 pips & anthem 2200, then
off. No anmts whatsoever! (A)
- 837 UKOGBANI, R Leicester, fair-poor w/nx o/u France, then ID "Monday
morning on R. Leicester w/Graham Conway", into pop mx 0605 9/21. (L)
- 846 ITALY, Roma, strong w/2 men in II //900 2146 9/22 (A). Potent w/
time pips, II ID, II nx 2300 9/24, ID as "RAI (pronounced 'Rye'), the
Italian Broadcasting Network" 2303, into nx in British EE, //900. (P)
- 864 FRANCE, Paris, AA pgm w/mideast mx 0358-0402 9/26, no pips 0400. Unid
mideast lang (Turkish listed) 0425 recheck. II noted in passing 0437. (P)
- 873 GFR, Frankfurt, AFN, good w/Michigan-Notre Dame football 1854 9/19 (L)
- 873 USSR, fair w/RR talk & chorus 2145 9/22 (A)
- 936 USSR, R. Moscow good in EE 2310 10/3 w/the usual jive about the U.S.
being a threat to world peace. (R)
- 981 ITALY, Trieste, TT 0455-0558 10/1, church bell melody 0558, s/on by
man in Slovene, giving AM & many FM freqs, (...) pips 0600, into more
talk. Local-like signal. Also, 1735 9/30, w/bizarre combination of
Andean flute mx & Slovene anmts! (V)
- 1008 HOLLAND, piano mx, 6 pips, ID in DD 1900 9/19 o/unid w/4 or more slow
pips & horn fanfare. (L) Man in DD interviewing another on the phone
re Ronald Reagan 9/22 2155, into mx. "Hilversum Een" ID, pips, & nx
2200. Apparently not 24 hrs (as listed in WRTH), was noted off 0345
9/23. (A)
- 1008? ITALY, (possibly 999 or 1017) unid R. Due outlet good //1035, not
listed in WRTH. (V)
- 1017 ITALY, Venezia, RAI local, listed here in WRTH, not hrd here or any
other AM freq 9/29-10/1. Possibly on FM, if it exists at all. (V)

- 1035 ITALY, various locs, rock mx 1755 9/29, "R Due" ("Doo-way") ID during exchange between 2 male DJs w/inst mx in background 1800 w/no pips. Then more rock mx. S/on w/IS consisting of 55 low-pitched pips & 3 second tone repeated over & over to 0458 10/1, then melody on church bells & s/on anmt by woman. (V) TC & ID 0530, into nx; pems at this hour included lots of talk/nx/features in II -- a few bars of inst version of "Here Comes the Sun" noted at various times, possibly their theme song at that time of the day. 10/2. (F)
- 1089 UKOGBANI, BBC1, jazz pgm to 2100 9/20. At 2058 ancr said BBC1 MW listeners should tune to VHF because the AM was going off until 0400 (5 am local time). Sure enough, at 2100 the song ended and was followed by 6 pips & OC. TT began 2102. (L)
- 1170 YUGOSLAVIA, Koper-Capodistria, local-like w/nx in II 9/30 1738, wx 1745, into pop mx (including one or two EE songs) 1747. Long s/off anmt 1758 $\frac{1}{2}$ giving "R Koper-Capodistria" ID, mention of 1170 kHz & several FMs, gave sked as "7-7" (0600-1800, UTC), 7-note IS at beginning & end of s/off, carrier cut 1800 $\frac{1}{2}$. Very strong considering the distance (65 miles, water path), equal to the 3 RAI locals. (V)
- 1197 GFR, Munchen, VOA, good w/EE nx 1724 9/30. Into E. European lang 1730. Some splatter from Yugoslavia-1170. (V)
- 1215 UKOGBANI, BBC4, s/on 0552 9/22 w/"sonar blips" (see 720), then piece of chamber mx, quick ID 0555, then wx. (L)
- 1287 CZECHOSLOVAKIA, R. Prague strong w/DX Letterbox pgm in EE, moderately interesting discussion on Czech SW BCing in the 1930's 2145 9/30. Inst mx 2158, 6 pips 2300, then trumpet IS (first 10 notes of the one shown in WRTH). II pgm followed, opening w/horn fanfare (the whole thing shown in WRTH). (V)
- 1296 UKOGBANI, good w/talk re Reagan & Gromyko in sing-songy Germanic lang (Hungarian listed) 0541 9/23, BBC World Service ID & Big Ben Chimes 0545, into "World Today" in EE. (A) Financial nx in EE after Big Ben chimes 2330 9/24. (P)
- 1368 ITALY, Radio Tre, "Giornale R. Tre" pgm (world nx) in II 2258 9/29. Weird noises 2300, then talk. 2303 s/off by YL, then anthem. Carrier cut 2304. (V)
- 1386 USSR, R. Moscow good but deep fades w/propaganda in EE 2230 9/24. (P)
- 1440 LUXEMBOURG, good w/punk rock, British DJ, ads for drag race & teen magazine, "208" jingles, ray gun noises, promo for "Big L Marlboro Country Show" 1915-1923 9/19. If top-40 radio died in the U.S., it's still alive & well in Luxembourg, hi. (L)
- 1458 ALBANIA, Lushnje, IS on trumpets (as per WRTH) to 2230 9/28, anthem, into unid germanic lang (Czech listed) w/possible ment of Tirana. Moderate Monaco-1467 splatter. (I)
- 1467 MONACO, Monte Carlo, TWR strong w/Scandinavian lang (Faeroese listed) to 2245, ID by British EE male, trumpet fanfare, into EE rlg pgm 9/28. (I)
- 1476 AUSTRIA, Wien, waltzes //520 0548 9/29. (I)
- 1503 POLAND, good w/end of EE pgm 2257 9/28, then piano mx. Piano IS (about 9 or so notes) & "Radyo Polonia" ID repeated several times 2300, then off. (I)
- 1503 YUGOSLAVIA, "R. Televizija Beograd" ID weak u/Poland 2300 9/28, then seemed to repeat electronic IS. Matches listed s/off time. (I)
- 1530 VATICAN CITY, IS repeated several times to 0630 10/4, then Vatican bells, "Radiofonica Vaticano" ID, into Latin mass with intro remarks in several langs. Also 2340 10/4 w/light pops & "Vatican Radio & you, in the night" ID in EE, similar IDs in FP & II. Apparently AN. (R)
- 1539 GFR, "Radio DLF" ID, no pips 2000 9/26. (S)
- 1566 SWITZERLAND, Sarnen, //531 at various checks 9/25-26. Pathetic signal in Lucerne area considering listed power (300 kw) & distance (about 20 miles), sounded more like 3 kw! (S)
- 1593 GFR, WDR good w/5 short & one long, high-pitched pips 0600 10/7, into long GG nx story re Sadat assassination. (L)
- ???? SPAIN, Barcelona?, 10/2 sometime after 2130, good w/some EE/SS pops, lots of telephone talk in SS, several 2-note doorbell chimes, two mentions of "Cadena Catalana", (including once after a nxcast), QRM from unid cl mx stn & at one point I hrd 6 pips & IS but not sure who had what. At least one mention of Barcelona hrd. I somehow managed to tune this in & turn on the tape recorder in my sleep, so I have no idea what freq it was! Several Barcelona stns listed in WRTH, but no mention of Cadena Catalana that I can find. Any ideas? (F)



LITUVOS
TELEVIZIJĄ IR RADIJĄS.
VII NIUS



DX WORLDWIDE II

Edited by
Pete Taylor
2614 Jackson Street
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And a grand, thundering THANK YOU to Father Jack Pejza, who has handled this column for quite some time. I'll be filling in until a permanent assignment is made.

WESTERN HEMISPHERE

ANGUILLA - Caribbean Beacon is 50kw DA-south on 690, and 15kw (CP 50kw) on 1610. There is conflicting info on their hours -- 0900-0500 on both or just 690? (SCDX 8/11, ARC 9/11)

ANTIGUA - ABC-620 now 10kw, 20 hours a day (ARC 10/9)

ARGENTINA - LU16-1000 ex-1080, 25kw, 0900-0400, R.Rio Negro. LR2-1110 now 25/5, 0800-0500 (ARC 8/28). New National Broadcasting Plan dated 3/1/81 calls for many call letter, frequency, and power changes effective 9/1/82 (ARC 9/25)

BARBADOS - Voice of Barbados, 790kHz, River Road, Bridgetown; some VOA nx (SCDX 8/18; ARC 10/23).

BERMUDA - New stn., 1450kHz, George Bc. Corp., Box 1450, Hamilton 5 (ARC 8/28).

BOLIVIA - CP80 R.Litoral announces 1510 but is heard on 1500 & 1510. CP63-610 now 10kw, 0830-0200. CP4-1020 now 10kw, 1000-0400. CP29-1300 negotiating with govt. to get back on the air, 1110kHz. CP137-1360 now 5kw, 1000-0400. CP28-1000 R.Cochamba, 1kw, 1000-0300. CP61-1450 1kw 0900-0400. CP204-640 uses the calls; 20kw, R. Tarija. CP...-780 R.Paititi', Guayaramerin is ex-SW only. CP157-800 now 2½kw. CP208-1040 R. Sipe Sipe, Cochamba, new, 0600-2200, ½kw. CP207, LV del Cobre, Coro Coro (La Paz), new, ½kw. Govt. dropping its requirement that all stns. join it 3x a day for newscasts and its prohibiting individual stn. news departments. (BBC 10/15, ARC 8/28, 9/11, 10/23)

BRAZIL (all stns. ZY.-)Country now has 1279 stns., and will have 3000 within five years (that's why I have 2 pgs. of changes--PT). In Sao Paulo, R.Tupi-1040 and R.Capital(560) have swapped frequencies. 540-J450 now 10/2½kw. J590-640 now 50/5kw. K...-670 R.Gazeta, Carazinho, new, 5/½kw. H471-680 ex-1470, 5/½kw. H587-690 now 25/10. H202-720 now 25kw. L302-770 R. Cl. de Patos now 5kw. K...-810 R.Central, Sao Jose do Rio Preto, SP new, 5/½kw. J750-840 now 10/1. H615-930 ex-1500, 10/5. K240-1010 R.Uniao 0700-0400 10kw, not 50kw. H764-1030 now 10/½kw. I-530 on 1080 is now 25/5. H769-1130 ex-1490, now 5/½. J748-1140 ex-1460, 5/½kw. H280-1180 ex-1230; 10/2½kw. H248-1180 is ex-1520; 5/½kw. J670-1260 now 5kw. J475-1320 R.Dif.Boas Novas now 25kw. UN1D-1320 "R.Cidade" heard in Scandinavia. J307-1330 ex-1580; 5/½kw. H201-1350 now 5kw. I-534-1360 now 5kw. K243-1370 now 50/2kw. K513-1510 Cachoeira Paulista, SP not in WRTVH, 10kw (CP 15kw) 0800-0130. (SCDX 8/24 & 9/8; BBC 10/29, 11/5; ARC 8/28, 9/11, 10/23.)

CHILE - CB80-800 R.Mineria 1000-0600. CD130-1300 1100-0400. CD133-1330 calls for R.Vicente Perez Rosales, Puerto Montt. CD96-960 is ex CD-150-1500; 10kw; 1000-0500. (ARC)

COLOMBIA -(All calls HJ). PF-560 R.Almirante, Maicao, Gua. here. ZW-780 is ex-HJNQ. DC-790 LV de Colombia, ex R.Junin. HJ...-910 R.Insular, Isla San Andres, new. DZ-1020 is 15kw (list says 1020). BB-1050 now 15kw. TJ-1050 ex-1400; 1000-0600. JN-1130 Ondas del Pasto, Pasto, 25kw. WA-1170 new R.Transamazonica, ex LV del Guavirica; //6052. HJ...-1170 R.Cristal, Ibague', Tol. 10kw, planned RCN stn. OH-1190 R.Mira 1100-0500. VF-1220 LV de Colombia, ex. R.Vision. MT-1220 now 10kw. GJ-1260 is ex-1150; 2½kw. MI-1260 now 5kw. KZ-1270 R.Ciudad de Pereira, ex R.Onda Libre, now part of GRC. OI-1280 Ecos del Mar, San Onofre, Sucre, 5kw. HO-1280 Impacto Popular, SJ del Cesar, Gua. CP 5kw. HJEA-1300 R.Lumbi' is here; ex-?. LM-1380 R.Industrial, ex-R.Rumbos (not confirmed). KM-1400 Em. Mariana, Bogota'; new slogan heard in Europe, "Vision Boyaca"!! OA-1430 Ondas del Muscuca, Fomeque, Cun. - new. PK-1430 Em. Voz de Abejorral, ex Radio Sensacion, 1100-0500, 5kw. BA-1460 1100-1200, 2130-0200. JH-1460 R.Ciudad Milagro, ex-1600. NT-1470 R.24, ex R.Pinta (GRC stn.). HJ...-1520 R.Altamizal, Dolores, Tol., 1kw, CP. RL-1520 Antena de los Andes, ex-1430. MA-1520 LV de Suroeste 24h 5kw from Jerico'. MA-1530 LV del Cine, Medellin, 24h. ZF-1540 R.Condor 1100-0500 5kw. GY-1550 Foro Popular, ex R.Magangue' has moved to Lorica (quite a move). (ARC 8/25, 9/25)

CUBA - Voz de Cuba now EE 0500-1000 on 550. 500-watt R.Sandino in Sandino, Pinar del Rio opened in Oct. with separate pgms. 8 hours a day; rest of the time, it carries Radio Pinar music. (ARC 9/11, BBC 10/17)

DOMINICAN REPUBLIC - HIAT-650 now 25kw. H1JN-1530 now R.1530, 1000-0400. HIBC-1250 R.Progreso, ex LV del Griato, 5kw, 0900-0500. H1CM-540 ex-H1SM. H1DB-750 R.Alegre, ex R.Libertad. H1AB-840 now 1kw. H1DE-910 ex H1BE. H1DL-1030 now 10kw.H1KF-1060 is ex-1190. H1RA-1140 now 5kw. H1FV-1380 Chihuahuita - delete. H1SD-1380 Barahona, ex-1390. H1SD-1400 Pedernales, ex-1410. H1RM-1410 R.Sol, Higüey, ex-1400. H1TS-1550 now 10kw. Radio Clarin-860 believed to be 24h. Carries "Voice of Independent Democratic Cuba" (also known as "La Voz del Cid") 0100-0130. (ARC 8/28, 9/11&25; BBC 10/22)

ECUADOR - HCXY1-640 now 50kw. HCNR6-1010 now 12½kw. HCGM6-1060 is ex-HCAG6; 1kw; on 1100-0300. HCEB1-1120 2kw 1200-0300. HCRQ2-1205 5kw 1000-0500 LV del Tropico. HCRV5-1265 is ex-HCEV5, R.Splendit, 3kw, 1100-0500, Cuenca. HCRF2-1325 now 2kw. (ARC)

EL SALVADOR - R.Cadena Sonora network-930kHz as per WRTVH except Zacatecoluca is ex LaPaz. YSA-1250 R. Teatro is ex-1260.

GUATEMALA - TGRE-1490 is ex-1560; sked is 0900-0300. Recent (undated) observations of stations operating in Guatemala City area (changes from WRTVH '81):

Radio 5-50 is 1200-0600. R.Progreso-580 1100-0645. R.Senorial-610 1200-0700. R.Mundial-700 1030-0600. R.Cultural-730 1100-0830. LV de las Americas-790 1030-0500. Radio Internacional-820 1030-0430. Nuevo Mundo-880 1030-0500. R.Emperador-910 1100-0530. LV del Hogar-940 1200-0500. R.Continental-970 1200-0430. TGWC-1000 is apparently on, //640. R.Panamericana-1030 1200-0500. TGZ-1090 is R.Mil Noventa, ex R.Cadena Popular. R.Sonora-1180 1130-0500. R.Rumbos-1210 1030-0600. R.Exclusiva-1270 1200-0700. Radio Tic-Tac-1360 1100-0500. R.Variedades-1450 1030-0830. R.CentroAmericana-1510 is 1100-0500. Stations on 670 760 1060 1120 1150 1240 1330 1390 1420 1540 1600 not observed, so don't know their status. (ARC 9/11, BBC 9/24.)

GUYANA - Radio nationalized last year under name Guyana Bcg. Corp. Channel 1 is the former R.Demerara, and Ch. 2 the former Action Radio. Both commercial. They carry // news 0900 1000 1330 1500 2300. News on Ch.1 1025 (BBC) 1925 1055, and on Ch. 2 1900 2100 2215(BBC) 0300. (Action Radio was on 560, 700-705v, and Demerara on 760-PT). Despite this, ARC reports "Action Radio" 560 on 9/26/81 (ARC 10/9, SCDX 9/22)

HAITI - 4VAB-1150 is now 1kr (ARC 9/11)

HONDURAS - HRDZ-1120 Danli now 5kw 1100-0600. HRRZ-1250, now 3kw, 1100-0600. The correct freqs. for Radio Honduras are: 870 Ceiba (ex-850) and Nacome; 880 Tegucigalpa (listed 550) and Santa Rosa de Copan; and 890, Juticalpa. All 10kw except 890(ARC)

NICARAGUA - YNGR-620 LV de Nicaragua, Ap. 4665, Managua, is 24h (ARC 8/28)

PANAMA - HOU23-540 now R.Mia, 1000-0400. R.Uno Somerama-570 1000-0400. R.Continente-700, new, 1kw; belongs to HOM21-1120. R.La Exitosa-740, Panama, new, 5kw, 24h. Radio La Exitosa-800, Chitre', now 10kw. HOL84-950, Servicio Nac. de Radiodif., Penonome', is on with 1kw. (ARC 8/28, 9/11).

PARAGUAY - ZP19-645 is now 0700-0300, ex-24h. ZP11-1200 has acquired its new equipment and is purportedly on the air with 10kw. (ARC 9/11, BBC 9/24).

PERU - OBZ4L-560 R. Oriente, ex R.Programas del Peru; 1000-0600. OBX4G-730, Radio Programas del Peru, San Isidro, 10kw, 1000-0400, new. OCY4B-1060 R.Exitos is now simply R. Exito. OBX6G-1120 R.Hogar, Moquegua, new, 1kw. OAX7B-1200 is ex-1190. OAX4B-1200 Lima is now 5kw. OAX9K R.Moyobamba here//5015. OBX4E-1280 ex-1470, R. Inca del Peru, 0900-0600, 10kw. OBX5H-1420 R.Municipal, ex-R.Apurimac; 1kw; 1100-0300. OBX4P-1550 R.Independencia, now 1kw (ARC 9/11, 10/23).

PUERTO RICO - 880 Sabana Grande, new, wants 1kw DA1. Quebradillas-960, new, 1/2kw(ARC)

URUGUAY - CX4-610 now 50kw, 0915-0200. CW31-1120 10kw 1000-0300. CW125-1250 now 10kw. CX140-1400 now R-TV Zorrilla de San Martin (add TV). CW51-1560 R.Maldonado 0900-0500, new. CV160-1600 Em.Continental, now 1/2kw. (ARC 9/11, 9/25).

VENEZUELA - YVOV-540 24h. YVLX-570 0900-0500. YVKL-590 0900-0500. YVQB-600 0900-0400. YVOB-780 50kw 0900-0400. YVKC-790 1000-0400. YVKG-950 RadioVision 950 0900-0500. YVQM-980 is R.980, ex LV del Tigre;//3255. YVQE-1010 0900-0400. YVLB-1040 0900-0400. YVSZ-1090 24h. YVOP-1100 now 15kw. YV..-1120 R. Natl. Los Llanos, San Fernando de Apure, new, 10kw. YVYZ-1190 now 25kw. YVOH-1230 0900-0400. YV..-1240 ex-880, LV de Venezuela, as of 12/1/81. YVSG-1320 now 10kw. YVJB-1400 now 20kw. YVIT-1420 now 10kw. YVUCV-1500 R.Universidad, Caracas, new, 1/2kw. New stations: 1350 R.Primavera, Trujillo; 1450 R. Fe' y Alegria, Camponata; 1490 R.Sol, Maracaibo; 1520 R.Simpatico, Valera; 1530 R.San Felipe; 1560 Ejectivo Trujillo; 1580 Diocesis de Calabozo. All 10/5kw. (SCDX 8/18, ARC 8/28, 8/25, 10/23).

TRANS - PACIFIC

AUSTRALIA - 4T0-774 now 5kw. 6NR-927 now 2kw. 3WM-1089 Horsham 1900-1500 Mon-Sat, 2000-1400 Sundays. 8DN-1242 Darwin now 24h. 2VM-1530 Moree s/on 1930; off 1400 Sats. (SX 10/81; ADXC 9/81.)

BURMA - Rangoon-955 is on 0030-0230, 0230-0330 (Sun.), 0300-0700, 0430-1600, all Burmese, exc. EE 0200-0230, 0700-0730, 1430-1600 (BBC 10/29)

COOK IS. - Cook Is. Radio-630 is on 7 days 1600-0900. 864 is used only during Parliament broadcasts on 630 (SX 10/81)

GUAM - USAF operates Northwest Field-770 25w 24h; Anderson AFB-1089 40w and Anderson-South 1399-25w. ID "FEN Anderson." All //89.5FM. KUAM-610 still 10kw. KTWG-800 10kw 2000-1400 "Inspirational Radio KTWG Agana" or "TWR Radio Pacific." (SX 10/81).

HAWAII - KHLO-850 due to have gone 5kw in October. KIVM-1350 Lihue being sold; new owner will request lower frequency. KISA-1540 may be off by now due to financial problems. KAIM-870 delayed on 50kw due to lack of commercial power at transmitter site (SX 10/81).

INDIA - Plans: 100kw in Shillong on shortly (864??) New 20kw XR, Tura. Dibrugarh-567 increase from 100 to 300kw. New 1kw stns. Mon, Tuensang. Second 20kw XR in Kohima. Second XR in Imphal soon. Nagpur-1566 1000kw due on soon. (BBC 10/29, ARC 10/9)

INDONESIA - 3 more 100kw RRI stns. due on by 12/82. (BBC 10/8)

JAPAN - JORF-1422 R.Kanto, Yokohama, 50kw 10/1/81. ID: "RF Radio Nippon." (FERC 9/81)

KAMPUCHEA - Voice of Kampuchea has suspended all its services (SCDX 8/11); however, still active on SW (SCDX 8/24).

LAOS - National Radio is on 640kHz 2200-0230, 0330-0700, 0900-1600. Russians are helping them build a new 150kw stn. in Phonsai, Phonsueng - 5 years. (BBC 11/5, ARC 10/9)

LORD HOWE IS. - is on 1494 with 50w various times between 2130-0730 (SX 10/81)

MALAYSIA - new Segamat XRs due to have started 11/1/81, both 100kw. 621kHz is Malay, 1017 is Chinese/Tamil. New 100kw Kuala Krat stn. on by 1984 (BBC 10/15)

MALDIVES - Apparently is on with 5kw now on 1485, and plans 10kw by 6/82 (SX 10/81).

PAKISTAN - Peshawar-540, 300kw, is ex-567. Pushto/Urdu 0045-0400, 0600-1800 (ARC 10/9)

PHILIPPINES - DYLA-1476 is now on 909kHz 2000-1500. DYRC-963 is on 964; s/off 1610. DYFX-1305, is on 1306.7. All three stns. in Cebu. (FERC 9/81; ADXC 11/81).

SAMOA, AMERICAN - Caribbean Beacon's manager says they expect an FCC CP for a MW gospel station here; freq. not specified. (SCDX 9/15)

TAIWAN - Latest BCC schedules. Standard Chinese outlets. 900kHz: 2045-1900. 750/1100/600: 2045-0100, 0345-1900. 1200: 2045-0700, 1600-1900, plus service to the mainland in Amoy 1045-1600.

THAILAND. Radio Thailand-891 is 2245-1600 in Thai, + "regional MW transmitters." One of them is believed to be on 531kHz. UNID-945 with VOA news (simple EE), and then Thai at 1500, then regular VOA pgmg. at 1530. New VOA relay or what? (FERC 9/81, BBC 10/29, ARC 9/11)

TRUST TERRITORIES - Missing from WRTVH-81 are KUSI-1500 Leiu and KJQR-1350 in Saipan (SX 10/81, ADXC 12/81).

TUVALU - 580kHz is on 1830-1930, 0430-0630, now 5kw, but it's erratic (SX 10/81).

USSR - Radio Tashkent heard in Japan on 900kHz in Uzbek/Persian (FERC 9/81)

CLANDESTINE - "Voice of the Chinese People" heard in Japan on 1235kHz with signoff at 1441 (FERC 9/81)

We do have quite a backlog of TA things hanging around which I will get to next time. Sources: BBC Monitoring service #s 35-44 9/3-11/5/81; (SX) Southern Cross "DX Post" Sept. & Oct. '81; Sweden Calling Dxers (SCDX) #s 1645-1655 8/11-10/13/81; (ADXC) Australian Radio DX Club "Australian DX News" Sept./Oct./Nov. '81; Far East Radio Club "Log" 9/81; and Artic Radio Club #s 4-8 8/28-10/23/81. (Yes, penguin flipper nippers, it is Arctic, not Artic, but I don't want to articulate on it now.) Just one TRANS-ATLANTIC item - Senegal & Gambia are merging and will be SENEGAMBIA. As for DX, with a six week old baby around these days, the only station I'm hearing is DYPR...

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	HJCN	L	(Radio Reloj) Carlos Mejia Berrio, Sec-Gen	KVJ
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1240	WULA	q	Joe Cantello, PD	KVJ
1260	WOCO	1	Walter P. Kaszynski, Prez.	TPN
	WWIS	1	Theresa Bade, Traffic	TPN
1270	KWEB	1	Rodney A. Hughes, Chief Operator	TPN
1290	WWSA	1	Martin Foglic, CE	MB
1340	WWPA	1	cm, plastic "credit Card" (WWPA Twin W Club) Carl W. Steinbacher, CE Interesting. According to a friend who's a Dept Store asst. mgr in Williamsport, the city's economy is based on rubber checks-dhm	MB
1350	WRKM	1	Reggie L. Honey, Mgr	KVJ
1430	WQPD	1	Rye Warne, PD	KVJ
1450	WQSN	1	Steve W. Strickland,	KVJ
1450	KCLD	1	Jack Hansen, CE	TPN
1490	WDXB	p	unreadable, PSA director	KVJ
1490	KSYC	v/rate card	Greg Hawke, gm	BP
1510	KNSE	1	Greg Hardin	BP
1520	WCHE	1	RC, Dave Schmidt, CE (& NRC editor)	MB
1530	KQNK	1	J. Steven Smethers, vp & gm	TPN
1530	WVPC	1	J. B. Nelson, PD	KVJ
1540	WDON	1	R.M. Burkow Jr. CE	MB
	WCEK	1	John Taylor, Eng	KVJ
1550	WRHC	1	photo of xmtr, \$1 bill Currie Cull, xmtr eng Salvador Lew, Director General I copied that exactly. From appearance of item I believe the second line is part of an incomplete item.	KVJ
1550	WSAO	1	Glenn Gann, Mgr	TPN
1570	WYHI	1	Mark T. Hogan, S.M.	KVJ
1580	WCLS	1	Glenn D. Lee, GM	TPN
	WUIV	1	Ed Logan, Op Mgr	TPN
1610	Caribbean Beacon	q	Bob Jensen	KVJ

BP Bruce Portzer, Seattle, WA * That does it for what I have. On Dec.
 KVJ Karl Jeter, Decatur, GA * ? I leave for two years in Honduras
 TPN Tim Noonan, Milwaukee, WI * with the Peace Corps. As the lack of
 MB Mike Brooker, Toronto, ON * my own QSLs above shows, I've been busy
 preparing. Not an easy task. Will soon send in a forum & let you know
 what I'll be doing DXwise down there. 73s (in Spanish, hi!)

PHASING UNIT CONSTRUCTION

Part II

by Mark Connelly

Using the Phasing Unit

This section describes the manipulation of phasing unit controls necessary to produce nulls of dominant "pest" stations, allowing weaker co-channel or adjacent-channel stations to be heard. A station to be nulled can be in the exact opposite direction from a desired signal: this is the situation frequently encountered in Trans-Atlantic DX situations. A loop is generally incapable of nulling a station to the southwest, for instance, without simultaneously killing signals from the northeast. From the Boston/Cape Cod region, a loop can handily dump WBAL-1090 to the southwest to allow southeastern signals from YV5Z & HJBC through. To get BBC-1089, however, from the northeast, phased longwires will outperform the loop after WBAL is nulled. This article will briefly outline some phasing techniques to get the user started: each DXer will then evolve personal techniques best suited to a particular antenna/receiver/type-of-DX combination.

As nulling is discussed, the reader is advised to refer to Table 2, the list of adjustable controls (at the beginning of this article).

After the DXer has properly connected two longwire aerials to the phasing unit input & has made the necessary phasing unit to receiver connections, nulling may commence. The following procedure is just one of several possible nulling schemes:

1. Set balanced/unbalanced output switch (SW4) to balanced if receiver has balanced dual inputs, or to unbal-2 if receiver has single-ended, unbalanced input. The unbal-1 position may work better for shorter wires on some receivers, notably the TRF; but all initial unbalanced nulling should be done in the unbal-2 condition. This is because unbal-2 condition, using the balun, provides greater isolation between inputs & outputs, hence less stray coupling & greater tuning accuracy. Switching to unbal-1 should be done towards the end of the procedure.
2. Null switch to null mode b. This includes the phase-reverser (TL) in the Antenna 2 line.
3. "PEAK #1 LC" subroutine.

- (a) Antenna switch to Ant. #1.
- (b) #1 main pot & #1 trim pot to zero ohms (fully counterclockwise).
- (c) #1 trim cap. to centre (halfway between fully meshed plates & fully open plates).
- (d) Sweep the #1 main cap. through its range on each of the following LC #1 module modes:

LC module mode	=	#1 L switch	#1 LC switch
1		a, 103 uH	parallel LC
2		b, 270 uH	" "
3		c, 740 uH	" "
4		a, 103 uH	series LC
5		b, 270 uH	" "
6		c, 740 uH	" "

When the sharpest, highest gain peak in signal level is found, leave the #1 L & LC switches & the #1 main tuning cap. in the positions which produced that peak.

4. "PEAK #2 LC" subroutine

- (a) Antenna switch to Ant. #2
- (b) #2 main pot & #2 trim pot to zero ohms.
- (c) #2 trim cap to centre (halfway between fully meshed plates & fully open plates).
- (d) Play the #2 main cap., the #2 L switch, & the #2 LC switch to open a distinct, good peak signal, in the same fashion as that of step (d) of the "PEAK #1 LC" subroutine. The #2 L & LC switches can initially be set at the positions corresponding to those of the #1 switches: if the longwires are electrically similar, the positions of controls yielding a peak on the #2 line will be very similar to the positions of the #1 line LC controls yielding a peak on the #1 line.

5. Switch the Antenna switch between Ant. #1 & Ant. #2 repeatedly and note which antenna line is producing the stronger unwanted-station signal.
6. Antenna switch to null.
7. Adjust the main pot. on the line which had yielded the stronger signal in step 5. A "dip", defined as a point within the moving range of a control (not at an end setting) at which a readily-perceptible minimum signal occurs with greater level as the control is adjusted either clockwise or counterclockwise from that point, should occur. If there is no well-defined dip, return that pot. to zero ohms.
8. Carefully off-tune the main tune cap. on the line which had produced the greater level in Step 5. If a dip occurs, leave that cap. at the dip-yielding setting. Improve the null by tweaking the #1 & #2 trim caps. & the #1 & #2 trim pots. The ground pot. may also have a favourable effect on obtaining some nulls. If the unbal-2 SW4 position was used up to this point & the desired station left after nulling seems too weak, switch to unbal-1. After a slight retweaking of trim caps. & trim pots, a null of the pest giving a greater wanted-station level may occur in some circumstances.

Nulls should be attainable in about 4 out of 5 situations, using the method above. In cases where sufficient cancellation of an unwanted station does not occur, the above procedure can be re-iterated with the null switch on null mode a. That should assist in obtaining more of the desired nulls. Some nulls may be impossible with a particular pair of wires. It is strongly advised that the DXer have 3 longwires, each separated by a horizontal angle of 120°. In the New England region, longwires aimed at 50° for TA DX, 170° for LA DX, and 290° as a pest-station aerial should work well. TADX is best heard by using the phasing unit to subtract the pest signals arriving best on the 290° longwire against desired stations on the longwire aimed 50°. LADX is best heard by subtracting the 290° wire pest signals from the desired signals heard best on the wire pointed at a bearing of 170°. The concept of phasing wires running in different directions seems to work better than the parallel-wire concept when the wires are shorter than 152 m./500'. There are many different antenna pairs which may be presented to the input of the phasing unit, each with unique properties: examples include 2 parallel longwires, 2 longwires running in opposite directions, 2 longwires separated by a 90° horizontal angle, one horizontal longwire vs. a vertical longwire, a horizontal longwire high above the ground vs. a horizontal longwire lying on the ground in either the same or in a different direction from the high wire, or two phased verticals.

A future article on Amplified Phased Shortwires will address some of the null-producing possibilities of various wire combinations as well as dealing with the "LSCA" concept of working a loop against a longwire (or shortwire) to obtain single-direction nulls. Additional phasing-unit-control-manipulation procedures will also be explored.

It is sincerely hoped that this construction article will stimulate others to experiment with phased-wire systems and to come forth with both technical articles and analyses of DX loggings obtained through use of phasing units.

LETTER (A THROUGH G)
INDICATES DRILLING SEQUENCE.
DO "A" FIRST. "G" LAST.

DRILL BIT CHART		
LETTER ON DRAWING	DRILL BIT SIZE	NO. OF HOLES
A	$\frac{3}{64}$ (.1406") OR #28 (.1405") OR 3.6 MM	5
B	$\frac{11}{32}$ (.3438") OR #8 (.348") OR 8.75 MM	2
C	$\frac{5}{16}$ (.3125") OR #0 (.3160") OR 8.0 MM	7

D	$\frac{9}{32}$ (.2812") OR #K (.2810") OR 7.2 MM	6
E	$\frac{1}{4}$ (#E (.250")) OR 6.4 MM	8
F	$\frac{1}{8}$ (.1250") OR #30 (.1285") OR 3.2 MM	10
G	$\frac{7}{64}$ (.1094") OR #35 (.1100") OR 2.8 MM	7



WTNE

TOWN HOUSE OFFICE BLDG.

TRENTON, TENN.

38382

To the left and on the next page: Figure 6, left out lastweek due to space limitations

Below:
From Electronic Design 8-6-81



FCC eliminates First Class Operator license

After four years of deliberations, the Federal Communications Commission has eliminated the Radiotelephone First Class Operator License, opening the door for the holder of any commercial-radio-operator license to perform technical duties at broadcast stations.

For over 50 years, the license, which was obtained by passing an FCC examination, had been a requirement for anyone installing, repairing, maintaining, and supervising radio and TV broadcast transmitters. The requirement was struck down, according to the Commission, because licensing had "very little significant effect" on stopping broadcast interference or improving quality of service to the public.

The broadcast industry has long championed this FCC action, seeing it as a major step in deregulation and one that gets

the agency further out of its workplace. But FCC commissioners stress that despite the action station licensees still bear the ultimate responsibility for all aspects of station operation, including quality of transmission.

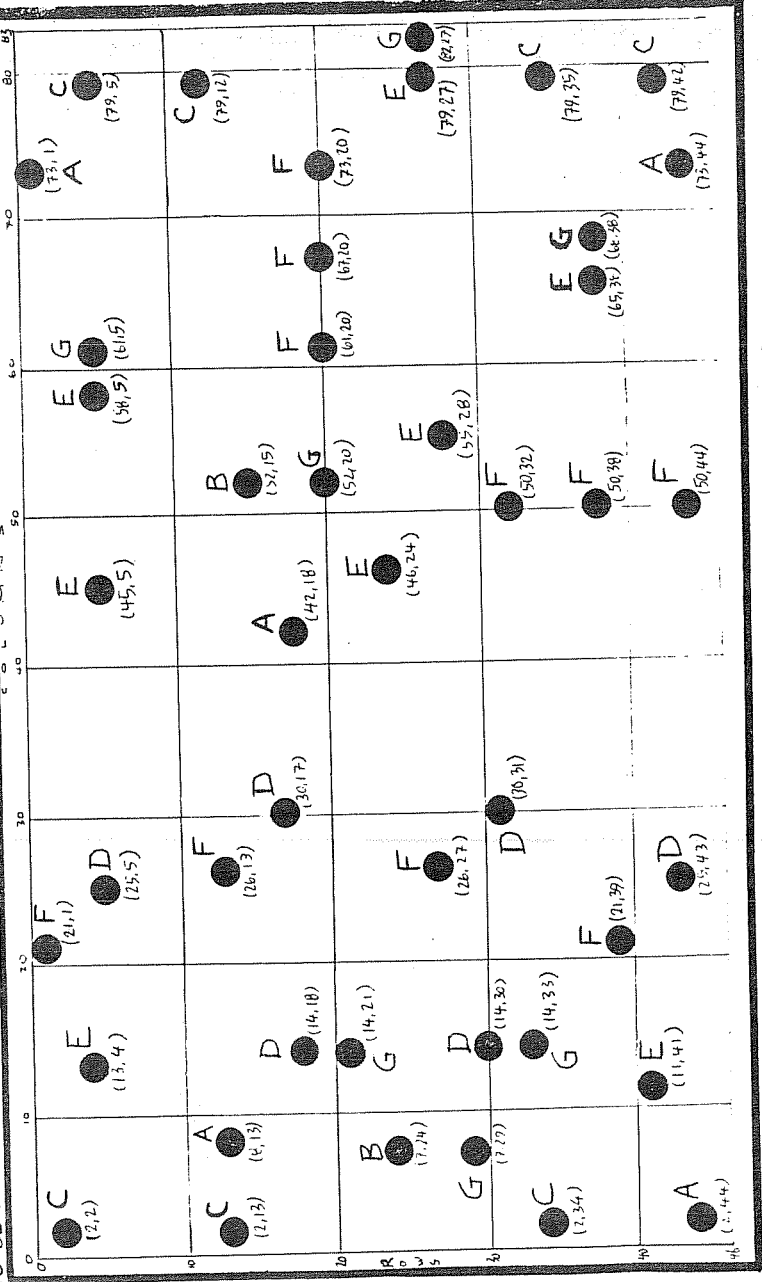
"The stations themselves are still expected to meet our minimum standards of broadcast quality," says FCC spokesman John Reiser.

Reiser added that current broadcast transmitting equipment is highly reliable and that marketplace forces and economic self-interest better ensure that broadcasters employ competent technicians than a written operator-licensing examination does.

"Most of the broadcast interference these days comes from neon signs, video games, CB's and so on—all areas that have nothing to do with any knowledge shown in a first-class operator's test," Reiser observes. "And if the station does not have a high-quality

FIGURE 6: DRILLING MASTER

OVERALL BOARD DIMENSIONS: 8.5" / 21.59 CM. WIDE BY 4.8" / 12.19 CM. HIGH. VECTORBOARD HAS 3948 HOLES (EACH OF .062" DIA.) ARRANGED IN 84 COLUMNS (NUMBERED 0 TO 83 ON THIS DRAWING) AND 47 ROWS (NUMBERED 0 TO 46). DISTANCE BETWEEN ADJACENT COLUMNS = 0.1" / DISTANCE BETWEEN ADJACENT ROWS = 0.1". LOCATIONS OF HOLES TO BE DRILLED ARE SPECIFIED (IN PARENTHESES) BY ROW (FIRST NUMBER) & COLUMN (SECOND NUMBER).



DRILL 'A' SERIES HOLES (5 TOTAL) FIRST; THESE ARE ALSO TO BE DRILLED ON GROUND PLATE.

equipment for high-quality transmission, there's nothing a first-class operator could do about that anyway. But there's one other thing—we got word from some station owners that some guys who passed our first-class test

still didn't know which end to hold the soldering iron by." Under the new ruling, the Radiotelephone Second Class License will be renamed the General Radiotelephone Operator License.

THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit organization devoted to the hobby of listening to distant radio stations on the AM broadcast band (510 to 1630 KHz). IRCA is a member of ANARC, the Association of North American Radio Clubs.

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