



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

Halloween, 1981

Volume 19, Number 7

Issue Number 594

In This Issue

New Members	2	Eastern DX Forum	10
Random Notes on Sunrise Skip	2	Western DX Forum	12
Eastern DX Roundup	3	Technical Column	13
Central DX Roundup	4	Kanadian Korner	16
Western DX Roundup	5	Radio's New Waves	17
Membership Distribution Map ...	7	Summary of Unreported Stations .	18
DX Worldwide West	8	Unpaid Advertising	19
Fire Silences WIPS	9	The Last of the 18¢ Stamps	20

DX Calendar

- Tues Nov 3 WKLB-1290, Manchester, KY, 0530-0545 EST, will conduct an f/c w/1000 Hz TT. If you miss it on 11/3, try some other month; this is a regular thing. Reports go to Larry Barker, WKLB, Manchester, KY 40962. Info from Wheeler Conover.
- Mon Dec 7 WHEO-1270, Stuart, VA, 0100-0130 EST, will test w/popular mx w/stn ID after every selection, and 1000 Hz TT every 7 mins. Send rpts to C. Lemont Bryant, CE, WHEO, Rte. 1, Box 24, Stuart, VA 24171. Arranged by Mike Knitter.
- Mon Dec 28 KADE-1190, Boulder, CO, will test 0200-0300 EST w/5 kw, 1000 Hz TT, mx, & frequent IDs. Phone: (303)444-5600. Send rpts to Bob Greenlee, GM, KADE, Boulder, CO.

Odds & Ends

1982 WRTH OFFER FOR CANADIANS. Last week, we mentioned a special prepublication offer for the WRTH. This week, we have another. The Canadian International DX Club is offering a special prepublication price of \$16.50 (Canadian), plus shipping (\$2 4th Class, \$4 first class). This price is good until 1/1/82, when the price goes up another \$1.50. If you order two books to the same address, you only pay one shipping charge. For more than two books, contact CIDX for the price. This offer is good to US DXers, too, but they should first consider WRTH offers from this side of the border (i.e. Don Erickson). To order yours, send check or money order to CIDX WRTVH 1982, 6815 12 Avenue, Edmonton, AB T6K 3J6.

From Bill Harms comes word of a format change. KCPX-1320 is now 1960's top 40 hits, jumping onto a seemingly fast growing bandwagon....

Some of you have probably noticed some bizarre bulletin delivery lately. First of all, due to an error at the printer's, 100 DXMs were tossed into a box and ignored for two weeks before being mailed. If you were one of those unfortunate souls, you had lots of company (including our President and myself!). Also, the person who was supposed to be mailing the DXMs to Canada "sat" on them for a while before we relieved him of his IRCA responsibilities and sent them on their way. In both cases, we apologize for any traumas anyone may have suffered by receiving their bulletins late, and we've tightened things up considerably, to prevent any reoccurrences.

For those of you planning a vacation to Germany, Denmark, or some other exotic land, the ADDX, a German DX Club, has just published its second edition of The International DXers List. The IDXL lists the names & addresses of DXers (Shortwave & CCB) willing to grant free accommodations to other hobbyists who stay in their city. The IDXL is available for 2.70 DM in German stamps or 7 IRCs from ADDX e.V., P.O. Box 150124, D 4000 Dusseldorf 15, Federal Rep. of Germany.

That's all the news that's fit for the front page this week. For more exciting DX thrills, look inside....

★ ★ *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

Russell Knepler, Route 2, Box 386, Foristell, Missouri 63348
Brian Vernon, General Delivery, Elsa, Yukon Territory, CANADA YOB 1J0
COADX, P.O. Box 3434, Littleton, Colorado 80161
Herman Plew, P.O. Box 754, Atascadero, California 93423
Calvin L. Neal, 125 East 4th Avenue, Jerome, Idaho 83338
Gary Mitchell, P.O. Box 1003, Fairfield, CT 06430
Dwight Morrow, 228-245 Gordon Horn Cres., Kamloops, B.C., CANADA V2E 1G5
Larry V. Flegle, 601 Noble Forest Drive, Norcross, Georgia 30092 (rejoin)
Paul Wardell, 2104 SE 28th Place, Portland, Oregon 97214 (rejoin)
Charles R. Smiley, Jr., 18351 Blackhawk Street, Northridge, CA 91326
Don Pavich, 3514 Whittier Street, Flint, Michigan 48506

ADDRESS CHANGES

Mark Strickert, P.O. Box 931, San Francisco, California 94101
Gary Shea, 3567 S. 31st, Greenfield, Wisc. 53221
Paul Zehr, P.O. Box 573, Ely, Nevada 89301-0573
Bill Higgs, 1885 California Street #18, Mountain View, CA 92691
J.W. Thompson 184 New Mark Esplanade, Rockville, Maryland 20850

RENEWALS AS OF 25 OCTOBER 1981

Randy Seaver, Bill Moriyama, Dennis Vroom, David J. Ronneker, J.C. Doherty, Charles Sanders, John C. Keleher, Rob Harrington, Jim Jennings, Jef Jaisun, K.W. Lackie, Bob LaPore, Jim Albrecht, R.G. Messenger, Frank John Petrick, Jim Byrnes, Kjell Norman, Darryl Belanger, Mark Connelly, Steven A. Grandi

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.

SOME RANDOM NOTES ON SUNRISE SKIP

by Robert Kramer

Since we are approaching the peak of the sunrise skip (SRS) season, it is a good time to remind you of the great potential this DX mode has. In fact, unless you live on the extreme East Coast, it could prove to be your most successful DX period. Although SRS can be good at any time of the year, the peak period is from late September to mid January, with the November-January portion usually the best (although some years September has been outstanding). There also is a small secondary peak the first week of April. Since I have already written an extensive series of articles on this subject (available from IRCA & NRC reprints), I won't discuss PSA's & other types in depth. Instead, I plan to provide a few tips that have helped me DX SRS successfully.

Many people think of SRS as DXing for sign-ons and looking for daytimers that have signed-on. These, of course, are a major part of SRS DX. But one area people often overlook is the area of fulltime stations, particularly to the west of you. As the sunrise approaches your location, the stations to the east begin to fade out. However, there still is a darkness path to the west. This means that under the right conditions some really fantastic DX loggings can be made. My best is CFCP-1050 Grand Prairie, Alberta. I also have heard KBAD-740, KTAR-620 & KCHL-790 (the last 2 had already been logged via other DX modes) at sunrise. Other good CADX targets to the west include: CFQC-600, CFDB-800 & KCJB-910. One pattern I have noticed is that often stations to the west will peak as Chicago's sunrise approaches. Thus signals such as KSL & KFI will be the strongest they have been the entire night. This also means that some stations that were not in earlier could be at SRS.

Another facet of SRS DX that is overlooked is DXing on regional channels at the time when stations change antenna patterns or power. While it is a good idea to look for sign-ons on clear channels at these times, after doing so, check some of the regionals for stations operating with their daytime facilities. Often a station that is too weak on its PSA, or throws all of its power at night away from you, can be logged via this mode. Sometimes a station will be in for as long as 15 minutes after the change.

EASTERN DX ROUNDUP

Bob Lazar

1711 Wainwright Dr.

Reston, VA 22090

Deadline: Tuesdays

- 540 WGTO FL Cypress Gardens, 0015 10/15 w/ XT (????--ed) and anmt "We always broadcast w/ 50kw." o/u Cuban (?) SS stn. (KJZ-NY)
- 970 CBZ NB Fredericton, 10/15 0013 tentative. S/off w/ NA. Fair u/ WWSW. (WPT-DC)
- 1010 KLRA AR Little Rock, 2021 10/10 Ark.-Tex. Tech FB game. Good signal strength w/ some QRM. (LG-WV)
- 1220 CKCW NB Moncton, 2300 10/1 nx & wx and contest "Phrase that pays" (original, huh?). Top 40 format. In o/ WGAR. (KJZ-NY)
- 1230*WFAS*NY* White Plains, noted w/ fc (?) 0000-0012 approx. 10/12. FC usually third MM of month. (KJZ-NY)
- 1270 WIJK TN Newport, 2339 10/9 C&W mx w/ anmt of contest. Pretty clear o/ WXYZ. (LG-WV)
- 1360 WAZA GA Bainbridge, 10/14 2034 song about WV by John Denver. Xlnt. (WPT-DC)
- 1420 WHK OH Cleveland, w/ country format 2250 10/8. (KJZ-NY)
- 1450(WOL) DC Washington, 10/20 0100 noted off air. (WPT-DC)
- W4QT GA Savannah, 10/20 0113 ID by man. Fair u/ WTBO. (WPT-DC)
- 1470 CKO PQ Pointe Claire, 10/17 2127 nx by woman in EE/FF, ID by same woman. Fair. (WPT-DC)
- 1490 WCVA VA Culpepeper, 10/18 1635 ABC nx, then ID by man. Fair u/ WARK. (WPT-DC)
- 1540 WNRE OH Circleville, 10/14 1858 good w/ inst mx, s/off. (RAL-VA)
- WJJT TN Jellico, 1855 10/10 male DJ playing top 40 mx. Static but readable. After ID, quickly faded out. (LG-WV)
- 1620 unid ?? w/ continuous tape loop of Randy Newman singing "Baltimore" 2245-2315 10/12. Possibly local pirate, but why the same song over and over? Anyone else caught this one? Frequency approximate. (KJZ-NY)

EASTERN DXERS

- IG - Lee Groves, Rt. 1, Box 35, Friendly, WV 26146
(GE 3-5206A)
- RAL - Bob Lazar, 1711 Wainwright Dr., Reston, VA 22090
(Yaesu FRG-7, SM-2)
- WPT - Bill Townshend, 4500 Connecticut Ave. NW, #901, Washington, DC 20008
(Realistic TRF, Sony ICF-S5W)
- KJZ - Karl J. Zuk, 224-04 Stronghurst Ave., Queens Village, NY 11427
(GE Superadio, DX-160, 300' LW)

GUIDELINES FOR SRS DXING

1. The best times of the month for this mode are the first 15 days of the month January-June & the last 15 days of the month July-December.
2. Obtain and use a set of the sunrise/sunset maps to determine what to look for & at what time.
3. Have a tape recorder running just before the sign-on periods begin because many stations sign-on without warning.
4. Check for PSA S/Ons beginning at 0600.
5. Be particularly of SRS during aurora conditions.
6. Watch out for weak signals on a channel that usually has a strong dominant, especially at S/On times.
7. On very rare occasions the graveyard channels can be good, be sure to check them periodically.
8. As your local sunrise approaches look for stations to the west of you.
9. After clear channel S/Ons, check the regional channels for stations that are operating with daytime facilities.
10. Make a list of target stations that you are possible to log via SRS in your area.
11. Since it is sometimes difficult to get out of bed, you may want to use more than one alarm clock.
12. Make use of an appliance timer on your receiver & tape recorder for the mornings that you can't get up to DX.

Through the use of these guidelines you should be able to have great success during SRS. Remember, SRS is often good even during the summer, when DX is generally lousy, even though it won't be as good as a peak season opening. This means that even if band conditions aren't very good, SRS can be.

Central DX Roundup

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

- *****
UnDed, Special, Changes, et. al.
670 UNIDED Het noted U/WMAQ & W/Cuban. Looped NW, could it be KBOI? RED-MO (I'd doubt it, KBOI would not be off frequency enough to cause a het, & on a loop, South America would be in Southeast (the opposite of NW), so probably a Colombian or Venezuelan, ed.)
- 1290 WZJU WI GREENFIELD, 10/17 1859 fair W/full ID, oldies. Is now on 24 hours. RK-IL
1580 WBBA IL PITTSFIELD, format change to C&W on 11/2/81. RuK-MO
- All da Rest
560 WQAM FL MIAMI, hrd W/C&W mx at 0001 after FL sports Wrap-up. good W/KSD QRM. RED-MO
580 WGAC GA AUGUSTA, 10/12 0124 good, tones, testing then male ancr "WGAC Georgia check". JS-IL
- CKPR ON THUNDER BAY, 9/23 0115 rock music by Journey, Stevie Wonder, ID, Cuban QRM. CR-IL
- 630 CFCC ON CHATHAM, 10/14 1333 good for a day signal, Beach Boys mx then college campus mx, minor W/MJ QRM. JS-IL
- 690 KSTL MO ST. LOUIS, noted W/unsked F/G at 0258, W/various TT, at 0305 hrd GG Radio play about Kaiser Wilhelm. RED-MO
- 910 KLCN AR BLYTHEVILLE, 9/27 2000 ID, UPI mx, pop mx & off 2015 ment. FM. CR-IL
920 KARN AR LITTLE ROCK, 10/7 2130 talk show, number to call 433-0092, nx @ 2200, wx & back to phone calls. CR-IL
- CKCY ON SAULT STE. MARIE, 9/24 0020 rock mx by Steve Miller band, the Police, ID after each song. CR-IL
- 1010 WINS NY NEW YORK, 10/12 0129 fair, no QRM from WCFL news/talk format, ID, ment. Brooklyn. JS-IL
- 1050 CKSB MB ST. BONIFACE, 9/23 0130 jazz mx, FF talk, ID @ 0200. CR-IL
1070 KNX CA LOS ANGELES, 10/12 0137 fair W/nx/talk format, ID "KNX Newstime...", JS-IL
1170 KJAS MO JACKSON, 1445 W/song "Mistaken Identity" by Kim Carnes, very good. RED-MO
1250 WRAY IN PRINCETON, 1458 hrd "Queen of Hearts" fair W/moderate WIBV QRM. RED-MO
1260 WHTT FL MIAMI, 10/15 0153 Good W/SS mx, SS Radio Hit IDs & full ID on hour. RK-IL
1280 WWTC MN MINNEAPOLIS, 10/12 0112 good weak WGBF W/ment. of Twin Cities then male ancr. "Here with the Golden Rock, WWTC". JS-IL
- 1310 KOKX IA KEOKUK, 10/2 good W/football game Ft. Madison vs. Keokuk, male ancr Keokuk football on KOKX, 1cl spots. JS-IL
KNOX ND GRAND FORKS, 10/20 0235 poor W/SID U/WIBA, first time ever hrd on night pattern. RK-IL
- WDOD TN CHATTANOOGA, 9/25 2235 jingle, ID, C&W mx countdown. CR-IL
1320 WTMJ MI MARQUETTE, 10/14 0558 fair W/SSB & S/On. RK-IL
1340 KTOQ SD RAPID CITY, 10/20 0150 good W/"1340 KTOQ" ID, then country mx. Dominating frequency, but weak, for next hour. My first MST CYer on reg sked. RK-IL
- 1350 CKAR ON OSHANA, 9/21 0025 ID, sports, nx & @ 0035 ancmt that CKAR joins CKQT FM 95. CR-IL
- 1390 KCRC OK ENID, 10/15 2032 fair in WVON mull W/ONN nx. RK-IL
KJAM SD MADISON, 10/17 0738 good W/Spot. RK-IL
- 1410 WING OH DAYTON, 9/23 0210 Barry Manilow song, many IDs. CR-IL
1460 WAGO TX WACO, 10/14 0034 fair W/Ae nx & wx. RK-IL
1520 WTRI MD BRUNSWICK, 10/18 0715 poor W/S/On, no SSB. RK-IL
1570 WPHL IL FREESPORT, 9/25 1950 wx, ID, instrumental mx, CBS nx & off @ 2005 W/ment. of FM. CR-IL
- 1580 WCIS GA COLLINGS, 9/23 0230 rel. talk, gospel mx, ID @ 0300 then Mutual nx. CR-IL

The Freaks Are Back

1050 KRAV OK TUISA 10/19 0111-0115 fair-good on R/C TT & IDs. RK-IL

Back In The Project ?

RuK... Russell Knepler Route 2 Box 386 Foristel, MO 63348
RK... Mildred LaFoote
(R-1000, HQ-129X, Radio West loop, spiral loop, bare feet)
RED... Rick E. Overmann 2635 Narraganset Dr. Florissant, MO 63033
(Superadio, recently alligned, so7,Zochert dusted his rx, how about that ?)
GR... Christos Rigas 4832 N. Drake Chicago, IL 60625
JS... Jim Surin 236 E. Morningside Ave. Lombard, IL 60148
(RF-4900, LW, 3 strikes)

RK's Progress Report

	Last Week	This Week	# New	To Go
Heard	2949	2957	8	43
QSLED	1997	1998	1	2

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(PIT)--no collect calls
DEADLINES: Thursdays 11/5 & 11/12; Wednesdays 11/18 & 11/25

REPORTERS FOR THIS ISSUE:

- (WJH) Bill Harms-University Station P.O. Box 7428-Provo, UT 84602
DX'ing at Deer Creek Reservoir, UT w/2000' ENE Beverage
(WJH-UTp) DX'ing at Provo
- (EH) Ed Hoffman-P.O. Box 125-Burlington, WA 98233
RF-2900, SM-2
- (ASL) Albert Lobel-P.O. Box 26762-San Diego, CA 92126
FRG-7, Radio West loop & SW coil on loop
- (SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA 90732
Realistic TRF, FRG-7, 3' wedge
- (RW) Robert Wien-1309 Dentwood Drive-San Jose, CA 95118
GE long-range portable, SM-2

***** OF SPECIAL INTEREST:

- 870 KIEV CA, Glendale I stopped by the downtown L.A. studios of KIEV, & they informed me that their going fulltime has been delayed from Jan. until at least next spring. (SMM-CA)
- 1150 KPRZ CA, Los Angeles is scheduled to be switching to a Music of Your Life format on Sunday, October 25, 1981. (SMM-CA)
- *****
- 530 KRN984 CA, Los Angeles (LAX) SM 9/20 0920 over-the-air station is 24 hours now. Lady said, "Hi. This is Airport Radio, LAX's information radio station. Out on the freeway we're known as 'KRN984, Los Angeles' and at the terminal and on Century Blvd. we're called 'WY2301, Los Angeles.' Whatever you call us, for you we're calling traffic, parking, & construction information."
- 540 CBK SK, Regina 10/19 0225 w/funny sounding mx in FF. (SMM-CA)
Female annocr. in EE. ID at 0230 in EE as CBC Saskatchewan. No sign of anything else on freq. (ASL-CA)
- 550 *KOAC* OR, Corvallis 10/16 0852 noted w/TT just before s/on. Ment. of AM, FM, & college campus stations. (EH-WA)
- 580 KCMX OR, Ashland 10/16 0350 w/wx, ID, into C&W mx. KFXD nulled. (EH)
- 610 *KONA* WA, Kennewick-Richland-Pasco 10/16 0400 good w/TT, OC. Back on regular sked 0800. (EH-WA)
- CJAT BC, Trail 10/16 0420 w/ID, spot for Vancouver Canucks into song. Fair signal u/OC in KPRC null. (EH-WA)
- 650 KORL HI, Honolulu 10/19 0345 in WSM null w/ID. (ASL-CA)
- 670 KBOI ID, Boise Sa 10/3 0113 good w/ad for programs on WTBS Ch. 17 from Atlanta. (SMM-CA)
- (KBOI) 10/18 0247 noted totally off. KDLG in w/xlnt signal. (EH-WA)
- 690 *CBU* BC, Vancouver 10/19 0440 noted w/TT o/XETRA. This one on w/TT or OC nightly. (EH-WA)
- 730 ?CKAC? PQ, Montreal 10/19 0350 maybe! Hrd FF (or at least I think I did; definetly not SS) and what sounded like Montreal. Won't swear on this being CKAC. (ASL-CA)
- 740 (KCBS) CA, San Francisco 10/18 0705 noted totally off. CBX in at 0800 s/on. (EH-WA)
- KBAD NM, Carlsbad 9/20 0830 u/KCBS OC w/national wx forecast, concluding w/temps for Carlsbad. Into pop mx. Wiped out by non-stop disco (XEZA) at 0842. Running 250 watts during this reception. New. (SMM-CA)
- 810 *KGO* CA, San Francisco 10/18 0730 noted on/off w/TT or OC. Usual CHQR in under. (EH-WA)
- (KGO) 10/18 0510 noted totally off. (RW-CA)
- KCMO MO, Kansas City 10/18 0530 good way o/CHQR w/KGO off. ID "Follow ??? indoor soccer on your no. 1 sports station for Kansas City, KCMO," into relig. program. (RW-CA)
- 830a Pirate CA, Long Beach-Compton Su 10/18 1235 this pirate on again. (as it is almost every Sunday), w/Swing Era program // KNOB-97.9, Long Beach. (SMM-CA)
- 840 Pirate CA, Los Angeles area Sa 10/17 2015 noted at Neil Kazaross' home. Strong pirate here relaying album rocker KLOS-95.5 Los Angeles. Went off around 2035 while I was racing home to log them. (I told Neil that would happen as I was getting ready to leave, hi. It's called Murphy's Law #2.) (SMM-CA)

- 860 KKOW KS, Pittsburg ex-KOAM 10/17 0542 sounded like special programming due to locally heavy rain storms. First time w/ new calls. Great signal. (WJH-UT)
- 930 KSEI ID, Pocatello 10/17 0715 w/"Super 93" slogan, high school football scores, into rock mx. CJCA QRM. (EH-WA)
- 970 WDAY ND, Fargo 10/17 0807 local ads & nx. Good signal o/KOOK et al. (WJH-UT)
- 980 (KFWB) CA, Los Angeles 10/19 0319 noted totally off. Nothing in CKNW/CKRM null despite fine cx to east. (RW-CA)
- 990 *KKIS* CA, Pittsburg 10/19 0316 noted w/TT. (RW-CA)
- 1000 (KOMO) WA, Seattle 10/19 0702 noted totally off. (EH-WA)
- 1020 KBCQ NM, Roswell Wed 10/14 0135 now has a SS format! Noted w/SS talk 0135-0200, then EE "It's 12:00 and you are listening to KBCQ in Roswell, New Mexico." Into nx from the AP Radio Net. S/off immediately followed at 0205. Tipped off to me by Neil Kazaross. (SMM-CA)
- 1050 KTBA AZ, Tuba City 9/20 0904 poor w/XED w/wx forecast. After months of trying, finally got a positive ID on this one at 0907: "KTBA, Tuba City, Arizona." Into pop mx. New. (SMM-CA)
- 1060 KNLV NE, Ord 10/17 0717 Nebraska nx & wx. The annr. was Mark McDowell. Good w/KGCX. (WJH-UT)
- 1150 KAYO WA, Seattle 10/18 0533 noted back w/C&W after all-nx format. Was rare before but common once again. KPRZ nowhere in sight as usual. (RW-CA)
- 1170 *KCBQ* CA, San Diego 10/19 0507 w/sound much like a propellor plane engine & a buzz saw. Some TT, ugh! Actually on 1171.3. (ASL)
- KFNW ND, Fargo 10/17 0804 talk between YL & OM after an ID. Fair w/KVOO. (WJH-UT)
- 1190 KOKK SD, Huron 10/17 0756 Ac nx & ID. A nice surprise especially if only on PSA power of 22 watts. Poor signal but dominant.
- 1220 WGAR OH, Cleveland verified my tent. report from last (WJH-UT) spring. (WJH-UT)
- 1280 *KKAL* CA, Orroyo Grande 10/19 0448 strong o/KJOY/KFRN w/TT & ID.(RW)
- KWMS UT, Salt Lake City more info on their format. Currently they are going with: Talk during most of the day on weekdays; Larry King at night; magazine & nx type format during drive time, evening, & weekends. There is a lot of emphasis on sports in the evenings. Still off 0200-0700 MM. (WJH-UTp)
- 1290 *KGVO* MT, Missoula 10/19 0650 noted w/TT, OC into mx. Man announcing that they had been off the air for the last four hours due to maintenance problems. CBS nx on the hour.
- 1350 KRLC ID/WA, Lewiston/Clarkston 10/20 0429 this is the (EH-WA) type I like to log & forget. Good w/heavy rock mx, wx, more heavy rock, then quick tune to 1360, hi. (EH-WA)
- KDIO MN, Ortonville 10/17 0814 a surprise w/local wx & sports. In good until a jeep full of deer hunters severed the antenna. Oh well! (WJH-UT)
- 1360 KLFF AZ, Glendale 10/19 0258-0300 way on top bombing out KFIV, KMO & KGB completely and steadily, unbelievable signal for only 500 watts. Call change finally hrd (ex-KRUX). MYL, s/off at 0300 ment. of ownership by Canyon Comm. Corp., ID as "13-60, K-Life", ment. of s/on 0830, ending w/"... and have a very pleasant good morning," then 1 min. of OC, off. (RW-CA)
- KGB CA, San Diego finally hrd 10/15 2210 w/local ad & ID. Fair w/KLFF. (WJH-UTp)
- 1370 CJWW SK, Saskatoon 10/20 0440 fair w/"Super Country CJWW" slogan, wx, into song. CHPQ nulled. (EH-WA)
- 1380 WNSI PL, St. Petersburg 10/17 0517½ a spot for CBS "CBS keeps you informed on WNSI," into a song. Fair w/QRM from WAOK & a host of other stations. (WJH-UT)
- KCNW KS, Fairway 10/17 0558 nx & ID. Poking thru the QRM. Obliterated by KOTA s/on. (WJH-UT)
- 1430 *KNTA* CA, Santa Clara 10/19 0303 w/TT, TT most of morning as well. Has been TT'ing lately on MM's, used to be totally off.(RW)
- KBRK SD, Brookings 10/17 0743-0746 ad for a farm implement store, local sports & ID. Good o/QRM. (WJH-UT)
- *KBRC* WA, near Mt. Vernon 10/19 0304 noted w/OC, then man annr. "This is KBRC on the air for test purposes only," into mx. Called the strn & the guy said "I don't know what's going on, I only work here" but I'm sure this one is a f/c. Gone at 0325 re-check. (EH-WA)

- 1470 CJVB BC, Vancouver 10/19 0325 w/Radio Nederland shortwave program. This one leaves an OC on all night. !#%&' , hi. (EH-WA)
- 1490 KRNR OR, Roseburg 10/19 0359 fair w/ID into nat'l nx. (EH-WA)
- KGOS WY, Torrington 10/17 0737½ local ad & ID. 0/all. (WJH-UT)
- 1510 (KGA) WA, Spokane 10/19 0410 noted w/OC. (EH-WA)
- 1550 KQWB ND, West Fargo-Fargo 10/19 0328 way o/KR:O w/great cx to east. Sports, ID "You're up to date on KQWB," into rr, fading out. Very rare here, usually KVAN/XEEM in there. (RW-CA)

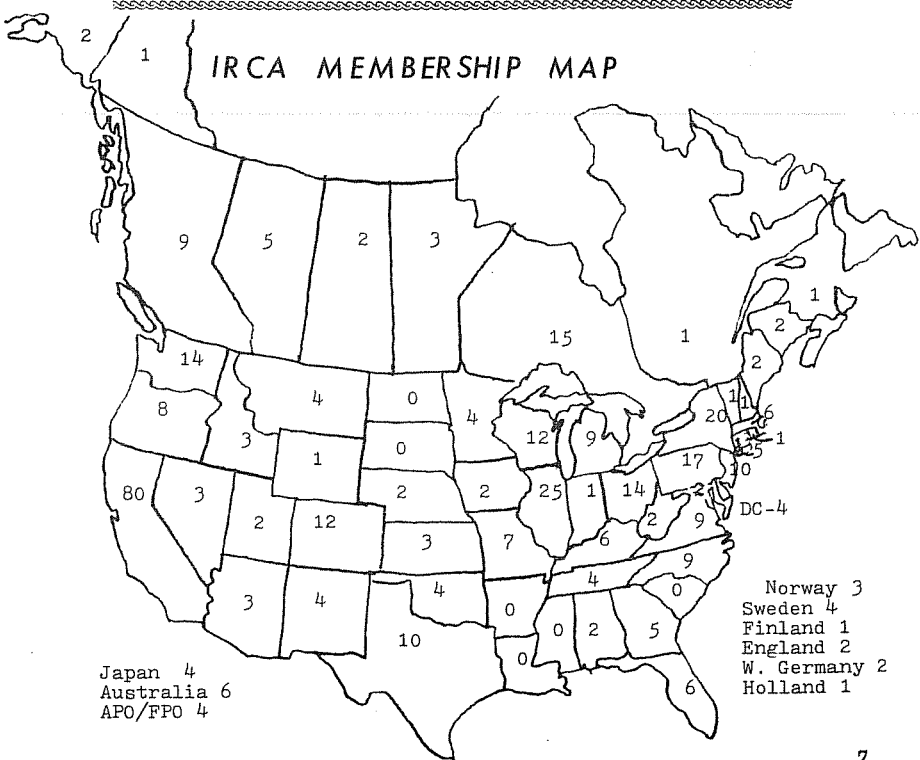
ID'ing the unID's:

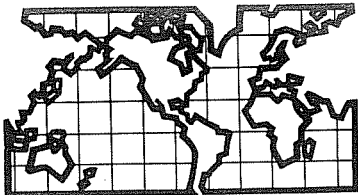
1400 An unID I reported in WDXR a few issues back carrying Idaho State Bengals football may be KIRO, St. Anthony, Idaho. Almanac doesn't show a 1400 affil. for Bengals football, I thought it may be KART which is common here, but per a brand new NRC bulletin I got my hands on, their new college list shows KIGO on 1400 as affil., which would be a new one for me. KIGO doesn't get out well, apparently, as I rarely see them reported. (RW-CA)

UNID's:

- 570 10/19 0240 unID w/Studio Playhouse from Hollywood. In KLAC null so not KIAC. Too faint for good ID. I have hrd KLUW many times; possible. (ASL-CA)
- 580 10/19 0248 could have sworn I hrd someone ID & say Tijuana! Nothing even in Baja CA on this freq. (ASL-CA)
- 590 10/19 0255 at least 6 stns mixing here. No ID's hrd. Did hear CBS nx intro. (ASL-CA)
- 740 10/19 0415 TT w/soft MOR mx in KCBS null. No ID's. (ASL-CA)
- 1480 10/19 0322 a strange unID fading up o/KWIZ w/SS, then gone rapidly, deep fades, looped SE, no one makes sense. Thought I hrd a "Kah-?". Is KPHX finally nighttime? (RW-CA) (Yes, according to Bill Harms a couple of issues ago.--NH)
- 1614.3 10/19 0512 some sort of beacon. On/off type carrier modulation. (ASL)
- 1620 10/19 0514 tones & sounds much like those hrd by spacecraft that just left Saturn. No, the strongest thing I've been drinking is plain orange juice. Very much doubt I was DX'ing Saturn. Also hrd 0520 10/19 on 1777, louder. Ideas anyone? (ASL-CA)

Some interesting tips in the column this week. Even Florida is included! Let's hear from YOU next week! ♡





DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 738-3198 - deadline Tuesday

Not too much to report this week. Conditions haven't been too good here. So on to the reports: We do have a nice report from Charles Taylor from Okinawa, though.

PAN-AMERICAN DX ROUNDUP

- 68C/880 XEORO/XEPNK- I have specific taped ID from XEORO when I was in Cabo San Lucas. Also from Cabo, I was able to null out XEPNK for the 880 station in Guadalajara (I think that is correct). I know of no link between XEORO and XEPNK and none in the current (Sept.-Nov.) edition of Medios, the Mexican version of the SRDS. Guasave and Los Mochis aren't that close, and unless there was a massive screw-up with MexTel, I don't know how Mike Hardester heard what he did. The owner is Enrique Yamuni (Gerente); address is Sinaloa No. 442-Pte., Los Mochis, Sin. (PT-Ca)
- 725 t COSTA RICA, San Jose-most likely the SS fair in CKLG-730 slop-1148 10/12. (BP-Wa)
- 750 NICARAGUA, Managua-YNK, Radio Sandino, battling KXL w/SS YL and Pop mx-1152-10/12. (BP)
- 755 UNID, Carrier here 1154-10/12. Prob. TIRA. (BP-Wa)
- 780 UNID, I don't have my atlas handy and I don't know where Ely, Nevada is. Since Paul Zehr says there is "no sign of KCRL" I would have to assume he lives in either Eastern or Southern NV. However KCRL has been known to carry Spanish. (PT-Ca) (KCRL has been off lately in the evenings, for some reason.FM)

TRANS-PACIFIC DX ROUNDUP

- 558 FIJI, Suva- Radio Fiji One has been quite good lately after 0600 in Fijian and EE, noted mx at 0600-10/9. May have boosted from 10 KW to 20 KW, as planned. (PM-Or)
- 650 HAWAII, Honolulu-KORL-strong w/MOYL-1040-10/12. (BP-Wa)
- *Also good 10/11-1242, MOYL and K-65 ID's, noted until Sunrise at 1405. (SPM-Ca)
- 655 UNID, heard 1307-10/11-talk in JJ or KK, causing het on KORL-suspect North Korean. (SPM-Ca) (That sounds like it.FM)
- 684 FIJI, Labassa-Radio Fiji One noted w/Radio Fiji mx at 0701-10/17, into Fijian, w/tx, KNBR slop, made is rough. Reported. new. (PM-Or)
- 702 UNID, poor 8/30-1309, mx talk, ancr. sounded Australian. Ideas. (SPM-Ca) (Prob. 2BL-702-50 KW-Sydney-PM)
- 738.000 UNID, heard at 1225-10/11, monster het, KCBS off. (SPM-Ca) (Prob. 2NR-Grafton-FM)
- JAPAN, Naha-Okinawa JORR noted 1945-10/3 (0445-local), giving call, freq, and power. Also signed for repeater JORO-1152-Hirara, Miyako Is., Ryukyu-this call not listed in WRTH-w/call freq. and power. First time 1152 call heard. RBCL116 Ishigaki, Ryukyu is non-existent. (CAT-Okinawa)
- 747 JAPAN, Sapporo-JOIB poor to fair at 1230-10/14-talk in JJ by OM. (SPM-Ca)
- 749.967 CHINA, Fu Jian prov. "Tai-Bei, Tai Wan guang bo" (Taiwan prog.) first time noted at 0300-9/29 on groundwave, not noted before. Poss. also serves as jammer for BED2-750. Fair. (CAT-Okinawa)
- 774 JAPAN, Akita-JOUB-heard 1130-9/21 weak w/talk in JJ. KOB slop. (SPM-Ca)
- 828 PHILIPPINES, Cagayan de Oro-DXCC heard again this season at 1505 w/brief ID in EE Filipino talk, US Pop mx played as usual and "DXCC-radio 8-2-8.....Cagayan de Oro" on 10/14, faded by 1512. (PM-Or)
- UNID, loud het on KIKI-830, noted at 1305-10/9 faint JJ or KK audio. JOBB? (SPM-CA) (JOBB is most likely with 300 KW.FM)
- 830 HAWAII, Honolulu-KIKI-fair to good w/rr, het from 828-1112-10/12. (BP-Wa)
- 882 UNID, loud het on KRVN-1312-10/11, suspect CC. (SPM-CA)
- 891 UNID, in Asian language-noted 1311-10/9-Suspect HLKB. (SPM-Ca) (Likely.FM)
- 936.000 CHINA, Ho Fei, An Hui "An Hui ren min guang bo dian tai" taped 1130-9/20. Fair. (CAT)
- 1017.000 JAPAN, Fukuoka-JOIB taped at 2030 s/on 9/20. Sequence of NHK-2 sign on is: NHK Music Box " Net feed 2115-2129:45, then local breakaway for local ID, then back into net for net opening anmt. Typical NHK 2 ID "Fukuoka dai-ni(2nd) hoso desu, JOLEB" Good. (CAT-Okinawa)
- 1040 HAWAII, Honolulu-KPOI-noted o/all at 0245-10/16. That's 4:45 PM, HST, Mor mx as usual, spot, back into Neil Diamond song. This is the earliest hrd a Hawaiian to date, still think Hawaii is possible on Daytime Groundwave to the Westcoast. (PM)
- 1053 NORTH KOREA, Haegu-fair noted at 1254 10/11-KK mx, singing, het on XED-1050, XED slop. (SPM-Ca)
- 1130 HAWAII, Kailua-KLEI, completely wiping out CKWX by 0330-10/16 w/EZL mx and wx. (PM)
- 1160.996 TAIWAN, Miao Li-BED89, taped at 2053 s/on 9/20 in Mandarin w/calls, freq. and location, Fair, Audible days beneath BED-86, I lan. (CAT-Okinawa)

- 1205,884 PHILIPPINES, Quezon City-DWVA taped at 2100-9/20.Call,power,freq., studio, and Transmitter location in Filipino. Banahaw Broadcasting Corporation. Fair. (CAT)
- 1251 USSR, Vladivostok-Noted fair w/RR talk and clas. mx at 1335-9/26-Het on 1250(SPM)
- 1400,065 TAIWAN, Gao Xiong-BEV98 Taped at 2101 opening 9/28 with def. "Gao Xiong guang bo dian tai" in Mandarin. This and subsequent obs. have yielded neither def. call sign. anmnt. nor ref. to Chen Kung. Poor. Audible days beneath suspected BEV78-Ji Long. (CAT-Okinawa)
- 1403.996 TAIWAN, I Lan-BED65-BCC-1 taped at 2053 s/on 9/17 in Mandarin w/call sign freq., and location. Good here all day on Groundwave. (CAT-Okinawa)
- 1467.000 JAPAN, Oita-JOJD-NHK-2 taped at 2053 s/on 9/18. Same sequence as JOLB-1017.Poor with QRM de HKN KBS. (CAT-Okinawa)
- 1476-1475 UNID, Good at 1320-10/11,noted playing song "Alone Again" by Paul Simon-Long Fades,gone at 1325-never gave ID. Is this Malaysia?? Caused het on 1470-80, signal peaked at 8/9 before fade-out. (SPM-Ca) (Yes, this sounds like it may have been Malaysia, as they do play a lot of US Pops. PM)
- 1503.000 CHINA, Zhe Jiang prov. taped at 0000,opening 9/20 w/ "Zhe Jiang ren min guang do dian tai" Quite good. Strangely not noted subsequently. (CAT-Okinawa)
- 1547.998 USSR,Vinnitsa-taped at 2030 9/27 w/Radio Moscow Italian programme and Radio Mosco" ID. (CAT-Okinawa)
- 1551.984 CHINA, Shan Dong prov. taped at 2218 10/2 in // Shan Dong-1548. Fair. Appeared to be a new Shan Dong sychro freq. offset for testing,later this evening Shan Dong-1548 noted stronger with new shallow 1 cycle-per-minute SAH,and 1552 gone. (CAT-Okinawa)
- 1556.981 PHILIPPINES, Tayug, Pangasinan-DWGC,New station,not in WRTH-81,taped at 2101-9/22 s/on.10KW,owned/operated by National Media Production Center (same as DZRP-918),Good,and good quality station. (CAT-Okinawa)
- 1557 MALTA, Cyclops taped at 2040-2045 w/Deutsche Welle chimes and Arabic annments. "This is Radio Deutsche Welle"mand then Arabic Programme,Poor,too much QRM for PFM. (CAT-Okinawa)
- 1566 SOUTH KOREA, Jeju-HLAZ good with s/4 to 5 signal at 1330-10/11. Gave perfect ID in JJ or KK,freq. call power, and Asian BC,etc. (SPM-Ca)
- 1575 THAILAND, Ban Pachi-Noted good at 1355 played "Ndless Love" and Asian Language gone by 1359. (SPM-Ca)

VERIES:

- 666 CHINA, Jiammsi City-sent CC card in EE,gave freq.,located, time and date on QSL card,also sent pennant, and stamps, for US stamps sent. Took about a month. CC verie 13. (PM-Or)
- 1062 AUSTRALIA, Thursday Island-ABC sent normal ABC card in 3 weeks,for taped report. 2KW-4TI. (PM-Or)

THANKS TO THESE REPORTERS:

- SPM- Steve McCreewy-45 Elda Drive-San Rafael, California 94903
Uses a Realistic DX-200, 175 foot LW
- BP- Bruce Portzler-6546 19 Avenue,NE-Seattle,Washington 98115
Uses an HQ-180A, 4 ft. Loop
- PT- Pete Taylor-2614 Jackson Street-San Francisco, Ca. 94115
- CAT- Charles A. Taylor-Box 812-Marine Corps Air Station-FPO Seattle 98772
Uses a Drake SPR-4,Worcester SM-2, 2 Panasonic TR's,RQ-500 r/r and RQ-2730 cassette.
- PM- Yer Editor
E.H. Scott-RBO-2 Receiver, 600 foot LW,running NE/SW-Ground system.

New York Times, 10-19-81
via Karl Zuk

wukko

P. O. BOX 1480 • FAIR BLUFF, NORTH CAROLINA 28439 • (919) 649-7325

Fire Silences Radio Station

TICONDEROGA, N.Y., Oct. 18 (AP) — A pre-dawn fire destroyed the studios and transmitting facilities of radio station WTPS early today, causing damage estimated at more than \$100,000. Fire officials said they were not certain what caused the 1 A.M. blaze, though an electrical malfunction was suspected. The fire apparently broke out at the bottom of a staircase in the two-story, wood-frame building housing the station. The station's management, the Cawley Broadcasting Company of Ticonderoga, said it did not know when the 1,000-watt daytime AM station would return to the air.

**KGO
NEWSTALK
RADIO 81**

KCBS
News and More
on 74

EASTERN DX FORUM

Paul Mount
471 Emerson Avenue
Teaneck, NJ 07666

AS SOON AS YOU SEE THIS IN PRINT, SEND YOUR FORUMS TO THE NEW EDITOR:
RICHARD C. EVANS (Nov 21 issue, Contributions sent to me this
P.O. Box 1294 deadline around week will appear, either by me
North Wales PA 19454 11/10 in PA) or forwarded to Rick Evans -PRM.

ERNEST R. COOPER 5 Anthony Street Provincetown MA 02657 617-487-9337

My "silent period" for phone calls is 9pm-1am and 3-8am. Even the "terminally old" need their sleep, hi! Well, the summer PCB doldrums have passed, and with it, the nice weather as well. It was a great summer here business-wise, and now my job with the Provincetown Business Guild is over for the season. It culminated with a big parade through town on August 27th, put on by the Guild, with good-ol'-Ern leading the parade and carrying the PBG banner with my friend Bob. That meant the parade moved slowly, as they wanted it! Reports are out to WCRR-1170, Corning NY, and WPOE-1520, Greenfield MA. WCRR was logged easily on Sept 21 from 1845-1900 s/off after our local WKZE went off at 1846. WKZE's signal down here at the Tip of the Cape has deteriorated severely, and can't be heard without the background hiss even on the HQ-180 and R-390A, and on the car radio - forget it! They die around Wellfleet and on the other side of their home city, Orleans, they start fading in Harwich, which means they're serving a very limited area indeed. Visiting DXer Ben Dangerfield asked me if they were running 50 watts! We've had visits from other IRCans this year too, like Bob Foxworth, Frank Merrill, & Paul Mount, enjoyable, all. Even though I favor including FM in the Monitor, seeing as how the majority seems not to, I'll not press it unless I get requests to do so from other members. But the latest poll shows that FM now has 61% of the radio audience as opposed to only 39% for AM - so that makes us a self-imposed minority group, no? On the radio scene, WQQW-1590-CF has not only dropped Larry King, but is no longer AN, and strangely enough, the same is true for big WTOP-1500, which has been his flagship station! 1500 belongs to XERH these mornings. Local WKZE-1170 now calls its format "The Music You Grew Up With". Does that mean that "MYL" is changed to this all over the country? On the FM scene, WJZZ-FM-106.7 has been sold and is now WMJX, announcing rock and roll, 24 hours a day, hi, Phil Boersma! (He'll be More Than Cheery to hear that-PRM) Semi-local WOKW-1410, 1000 D-3, has changed calls to WAMK, is adult contemporary music & ID as AM-1-40-1. Patience and Fortitude! (Parts of two Forums in one-PRM).

DAVID OLIPHANT 1483 Portal Street Ottawa ON K1H 8H9

Greetings. DX has been great during Sept, a total of 76 new stations during the month. Ottawa area stations: 7 in Ottawa/Hull of which only 2 go off: CBO-920 and CBOF-1250. Both are CBC stations, one EE and one FF. Remaining are all NSP - CFRA-580, CKCH-970, CJRC-1150, CKOY-1310, and CFIG-1440. The worst station for slop onto nearby freq is CJRC (KSL has been hrd only once), closely followed by CFRA and CKCH. Best is CBOF and then CBO (CBO the EE CBC-PRM.) Nearby NSPers include CJET-630, CKAC-730, CKLC-1380, and CFC-600. But I have more problems with clear channel stations in the NE states (eg WABC) than with some of those freqs. In the CJET null I have managed to hear WPRO-RI, CJLA-QU, and CPCY-PEI. Many of the regional freqs are dominated by 2 stations, one in the others null and both NSP. Or so far it seems that way to me, will compare my DX from here versus out west in my next Forum. Caught the Sept auroral night about a week ago. Best catch of that night was YVTI-1360 for what I believe is my first ever SA on a regional freq. Totals as of 9/30 are 316/30/6/13. 73s

WHEELER CONOVER RR #8, Box 344B Manchester KY 40962 Oct 5, 1981

I have had time to get away from my chemistry and have time to write in to EDXF. Not exactly much going on around here, but enough has happened to keep things interesting. We have a new radio station, in the form of one WKLK-1290. Came on 9/26, and already claims #1 ratings in town, as stated by PMD/owner Larry Barker. Probably so, because they get a lot of the adults w/plenty of country mixed in with pop. Stn is pretty good for standards in Southeastern Kentucky, but lacks when it comes to stns in other parts of the state. Your basic address is 109 Richmond Rd, Manchester 40962. They will get ABC soon, and right now have Kentucky Net nx. DX has been good so far; looks like a pretty good year for DXers..

(EWC...) Stuff has been flying from all different directions, so we are in for a treat this season. No job yet at either station, mainly due to not getting to the stns, and a basic overload on chemistry homework. Could get one easily if I could get up with the main stems of either stns, because I am a well-known person in this town with a fine background---Goodytwoshoes is another name for it, hi. (Until the stn's promo items start disappearing quickly, hi-PRM). Other doings have WZLK-590 and WAKY-790 on AdCon trips now, both being perennial T40s in Lexington and Louisville, respectively. WZLK doesn't sound too hot, and the only thing that makes WAKY sound any better is coming heavy on the oldies (and not listening to Bob Moody, which I don't like for some reason). T40 keeps deserting AM; now Lexington doesn't have a good T40 (WLAP-FM is one, but it's automated), and one in Louisville has become increasingly hard to find. Knoxville has three, but the FM is the only one that can put a decent signal in the valley where I live. Rambled on enough...will next time when we get our new editor. Miss ya as editor, Paul, but we'll talk later on. 73s Wheels.

JIM SURIN 235 E. Morningside Ave Lombard IL 60148 312 627 4603

Hullo PRM and other IRCA members. I'm a new member and will chip in for each EDXF, if I can type like crazy. Chicago radio around here is more boring and strange than ever. First of all, you have 2 news stations, WBEM and WIND, 2 country stations WMAQ and WJJD, 2 soul and deesco stations, WJON and WJPC, 3 foreign stations WEDC, WSBC, and WCRW. Then you have one of the few true rockers, WLS; an oldies and contemporary format station is that of WCFL, sounding awful than ever. WGN stays MOR, WMXI, or the Moody Bible Institute, is still religious, and my arch-enemy, WAIT, is with a "Somninx" format. I'll vote no for FM DX in DXM. FM is still not available on some true DX receivers and it is a different band than MW. Still no word about WJJD or WAIR going 24 hours. My Panasonic RF-4900 is working better than ever by receiving R. Felize on 834 at 2106 in Guatemala! (You go a long ways to do some DXing, hi-PRM!) Tropical DX is getting better little by little. Concerning the DX Conditions, there will never be an electrical storm here until next spring! Ha! Ha! Concerning the FCC rule about a limit of 50kw, I suggest that they only limit it down to stations that are on the southern parts of the US because of the propagandish Cubans. Cuba is now ignoring the NARPA treaty, so no, Cuba could jam as hard as they please. For me, and other Illini DXers, it is a new season, and we are ready to get great DX! Goal: 300 total stations received by the end of October, hope I make it, currently at 292. The very best of 73. (Welcome Jim, do you know the missing John Zochert?P)

PAUL MOUNT 471 Emerson Ave Teaneck NJ 07666 201 836 1137 8110.20

Hello to the new traditionalists and board members. The switchover is all set, with mass crossings in the mail and phone calls involving Bruce Portzer, Don Kaskey, Rick Evans and myself; thanks Rick for the call tonight. A Superadio arrived in the mail from MA on Saturday, tried it out this AM along with the TRF. Only new one I believe was CHOK-1070 while local WHN-1050 was off; also noted some weak morse code in WHO-1040 null, seemed to be about 8 characters, 2 seconds of solid tone, and repeated; with me rusty on code and the weak signal, it was hard to tell if it was the same signal each time. It was heard 0135 and at 0230 bedtime. And there was a R. _____ 'ia or R Cadena _____ on 920 around 0100. But I was too tired to catch much and didn't have either an animal or a DXing suit to help me out (hi RK and NW). So anyway the last regularly scheduled column I will type will be on Nov 3 and the rest gets sent P down to North Wales. And now EDXF takes you back to the mid 70s when R Bruce Portzer beat Larry Graham to the song title as he was heard to M sing "One in vermillion you" around the streets of Seattle. 73 and gd DX.

BRUCE PORTZER - 6546 19th Avenue Northeast - Seattle, WA 98115

DX has improved a bit lately, with reception of several Aussies/Zedders during the past week. No northern paths, like Japan or Alaska, though. Only other excitement this week (besides the 10/24 gettogether at the O'Hares) was a note from Neil K., advising no column this week due to only one report. Somehow, I think some of us are DXing and not reporting anything, judging from the size of some recent DXR/DXWW columns. C'mon, gang. We may have the world's highest per-capita contribution rate among major ECB DX clubs, but let's not let it go to our heads. Let's see some nice, fat listings of DX tips. As they say in Yreka, Keep Supporting Your Club. 73 & Good DX.



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)

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

Never attempt to write a "foam" while listening to the World Wrist-Wrestling Championships on KTOB 1490 Petaluma. (They also broadcast play-by-play Redwood Pioneers, the California League Anaheim franchise-RtH.) Take this for example: "Hi kids."

To (sort of) answer PRM in EDX# #3, at least one of the ABC radio nets, when not feeding net news to affiliates, runs WPLJ (ABC's FM o&o in New York) down the lines. This I know only as that was what KEZX's (Seattle) engineer was listening to instead of watching for foursomes of radio freaks descending upon studios at 0100 on a June 1980 morning. WPLJ is (sort of) AoR and KEZX is BFL.

Anyone in the listening audience know of any effective external antenna for a Panasonic RF2200, especially when using it in a large metro area? Trouble is, it won't accept some antennas, and receiver is highly susceptible to overloading (causing mixing products, images, whistles, clapping, yelling, etc.).

While on Panasonics, any pros/cons on RF2600 and/or RF2900, specifically, accuracy of digital tuning, selectivity, sensitivity, overloading (if any), and other helpful hints, will be most appreciated. (My pros/cons: If it's transistor, it'll never measure up to a tube communications receiver, so look around for a used Hammarlund, National or similar-RtH.)

Oh, did you know WWSW has stickers? (Never knew they had thorns, hi-RtH.)

This week's "LA-DX?" department; finally heard KHJ and KFAC. I knew you'd be impressed. . . up, wake up. (Hi, maybe). (Zzzzzzzz, hi-RtH.)

Nice to talk to Ric Heald (Wait 'til you get the bill, hi-RtH). . . unfortunately, I thus did not find out who threatened to bomb WRKP - help! (Oops, forgot they had moved to Wednesday night-RtH.)

"Bye kids." Then again, I'd rather stick Jimmy Gabbert on my bumper. (He brought up Gabbert on his own. . . this time, hi-RtH.) 73 de MaS.

TERRY KLA SEK, 9720 VICKIE PLACE, ST. LOUIS, MO 63136 (314) 868-7274 prepaid

Polycausticate! In other words, hello all. DX has improved greatly over my fantastic summer. I heard the KJNP TEST and already I have their QSL. They're very prompt. I wish to thank KJNP for doing the TEST and Robert Kramer for arranging it. I've finally heard and verified Alaska. How about a CPC for Hawaii (hint, hint, hi). (Why? They're heard quite well in the Midwest and besides, most are NSP anyway-RtH.)

Current progress is: States 41/38, Provinces 9/9, Countries 23/20 and total stations 342/256. I believe I'll easily hit 500 stations by next June (very easy). I also tried for the Vermont TEST, but all I heard was Spanish. Conditions were auroral that night. . . grat. So I logged more Latins.

My letter carrier has brought a steady stream of veries, much to his chargin. Needless to say, the Alaska verie made my entire week.

Since last missive, 26 more veries have arrived and 58 new stations were reported to. Also I sent out 34 follow-ups. My now alltime holdout is WHAM 1180. Why a Class 1-A 50 kw station does not answer it's mail is something I can't understand. All the other 1-A's have veried, but not WHAM. (Maybe they have more important mail to answer, or maybe someone at WHAM is sadistic toward DX'ers, hi-RtH.) To all Rochester DX'ers, help! I first reported to them in 1977 and six follow-ups since, and, zip.

Also, you Toronto guys. What is the proper bribe nowadays to get CHUM 1050 to verie? Three reports to CHUM and, zip.

I really enjoy reading this BCB bulletin mainly because so many guys have a writer's disease: namely: (illegible-RtH), Purple (illegible-RtH), Prose. I'm certainly no exception, hi. Time to try to hear WHAM-WORMS. CU whenever. TAK - 30. (Terry, please, your name and address on forum, double space, and my eyes are going bloodshot with your writing, hi-RtH.)

Continued on Page 15.....



the irca technical column

Editor: Nick Hall-Patch
1538 Amphion St.
Victoria, B.C. V6R 4Z6
Canada

In the Mar. 28/81 DX Monitor, there was a review of the Sony ICF-2001 by Pete Taylor. Since then, Don Moman has written an article on this radio for the CIDX Messenger. Following is an edited version of that article, which adds to the information given in Pete Taylor's review:

To say this receiver is unconventional is an understatement! No conventional meter or tuning dial or even a tuning knob. One is faced with a calculator style key pad and sliding controls for volume, bass and treble. Two thumbwheel knobs for SSB and antenna trim are the closest thing to conventional knobs that you will find.

The tuning system is very flexible and allows the user to tune a station by several different methods. To start, one has to punch in the frequency and press "execute". You are now tuned to that frequency! You may then choose to enter this station in any of the 6 memory locations for instant recall later or as one of the frequency limits for the scanning function. To scan a band, all you do is enter both the upper and lower limits of the band in L1 and L2 and press "scan". The receiver will scan in 3 kHz increments. A slide switch on the side allows the receiver to stop on strong signals if desired. In practise, the auto stop performs poorly as it often misses stations that are in a fade or stops off frequency due to the odd 3 kHz scanning rate. 5 kHz would have been much nicer for the SWL. On FM the rate is .1 MHz. A 3 button system of manual tuning is also provided. The displayed frequency can be changed by 1 kHz (.1 MHz on FM) by pressing either the "up" or "down" button. Depressing either of these along with "fast" increases the rate to 10 kHz (.2 MHz FM). One annoying feature is that the fast scan does not occur instantly when the button is pressed. Say you are scanning the BCE and are tuned to 910 kHz. Since a rate of 10 kHz is very convenient on BCE, you press both "up" and "fast". The display first goes to 911 then 921, 931 etc. Each time you stop you wind up another 1 kHz off the channel spacing.

Like most S-meter circuits, the 5 LED tuning indicator will light all LEDs on an average signal. And, of course, if you use the receiver outside the sunlight will make them very hard to see. A bar graph display built into the main LCD panel would have been better. Unattended recording is no problem as the set "remembers" the last frequency it was tuned to. This is unlike the Drake R-7 which returns to a predetermined band when power is applied, and not usually the band you want!

Since power consumption is quite high and alkaline batteries are not cheap it would be desirable to use the more economical rechargeable Ni-Cad battery. According to Larry Magne in the 1981 WRTVH "using a trio of rechargeable Ni-Cad cells results in suboptimal performance". This was due to the .25 volt/cell less output that Ni-Cads are known for. However, I have found that no loss in performance occurs with these cells; quite a lot of signal seems to come in on the AC adaptor line, which might cause battery operation to be less sensitive than AC operation unless one is using an external antenna. So Ni-Cads weren't a problem with my radio. With the normal 1.2 amp/hour cells you may expect about 5-6 hours of operation. When the cells die however, it only takes about 5 seconds, so one would be advised to carry a spare set under DX conditions.

Without performance to match all these nice features, the set isn't worth much! The main receiver here is the Drake R-7, and even though the two sets aren't intended to be in the same category, some interesting observations were made. The R-7 has excellent sensitivity, selectivity and signal handling, but has "communications" style audio and a relatively slow and confusing tuning system. Rapid frequency shifts are much faster on the 2001 and even memory operation is quicker. Other sets with memory require you to select which memory channel with a rotary switch and then press a memory recall. Since the 2001 has separate buttons for each memory only one touch is needed.

SW sensitivity can be quite good, especially using an external antenna, but the antenna trimmer doesn't always peak the signal, resulting in poorer sensitivity. On weak tropical band signals, the 2001 can produce a more readable signal than the R-7 due to better audio. On higher SW bands, the sensitivity equals the R-7 when the antenna control peaks properly. Perhaps a good matching tuner/preselector is needed. Selectivity is provided by a 10.7 MHz 2nd IF (borrowed from the FM section) and is rather broad to say the least! Strong signals seem to take up about 10 kHz in total and hearing

a weak station 5 kHz from a strong one is a problem, so it's no contest with the R-7. A wide/narrow switch would be a very welcome modification.

The 2001 is fairly capable of handling spurious signals on SW. Careful adjustment of the antenna control reduces most spurs to the point where they are no problem, and I can usually leave the attenuator control at its most sensitive. With several 50 kw BCB stations nearby, my random wire puts out about 2 volts across a 50 ohm load, yet the 2001 handles the higher SW bands better than the Kenwood R-1000; the tropical bands require a 3 MHz high pass filter for spurious free reception on either receiver. SSB reception is surprisingly non-critical for a portable; the wide selectivity means it's a poor ham band performer, but it's not bad for utility DX. FM performance is hampered by overloading in this urban area.

As a MW DX set however, the 2001 leaves a lot to be desired. The internal ferrite loop is small and directivity is reduced because the whip antenna is connected as well. The internal loop will also defeat the purpose of a good external loop, so some major surgery would have to be done to make it even acceptable for MW DX. A good tuned loop or preselector is badly needed to reduce overload on the MW and LW bands. Perhaps the nicest feature it has for the MW DXer is the ease at which it can check for SW parallels, propagation forecasts etc.

Audio quality is good from the 4 inch speaker. The separate tone controls can improve readability on weak signals. 1.2 watts of relatively undistorted output is claimed. A low level (-60 dB) tape output suitable for connecting to the microphone input on a cassette is provided. I would prefer the standard 0 dB high level output found on most sets, but since many manufacturers have eliminated the "aux" input from their recorders, such an output is not compatible without an external attenuator.

Quality control is somewhat lacking on this set. Dan Robinson (Oct. 80 FRENDX) noted quite a few variations between different sets, and the first 2001 I got would only produce weak and distorted audio. My present one has developed an intermittent in the RF section, and the "execute" key now requires quite a hard push to activate it. Moral: check it over carefully before you buy one, and compare as many as possible for variations in sensitivity and selectivity.

This set would appear to be well suited to the visually impaired listener due to the key pad entry system. The "5" has a raised dot and the "execute" has a raised dash on those keys.

Like any product, the 2001 will no doubt be followed by a "new and improved" version. For my money, a new version should incorporate the following: A second, narrower bandwidth for AM and even a third one for SSB. The ability to scan the memory channels would be nice especially for utility DXers. Auto scanning in 5 kHz steps instead of 3 kHz. Incorporate a decent MW loop (like the Panasonic RF-2200) and make it possible to remove it from the circuit so other external loops and directive antenna systems may be used to their fullest advantage. And of course, make the front end a little more "crunch proof"!

As usual, your comments and/or questions (SASE appreciated) are welcome. My address: Don Moman, 6815-12 Ave., Edmonton, Alberta T6K 3J6 Canada

* * * * *

Speaking of the ICF-2001, one of a number of items from Amsterdam's Ben Peters concerns two new Grundig portables that are expected in Europe in mid to late 1982--the Satellit 300 and Satellit 600. The 300 looks very like the 2001, with LCD readout and clock-timer, LW through FM and "direct access tuning", i.e. a keyboard for punching in frequency. It also has a tuning knob however, a conventional S-meter, and a 40 station memory--10 each on MW, LW, SW and FM. Can't tell from the info sheets how memory recall is effected.

The 600 is a much fancier and larger version of the 300 with 60 memory positions (16 FM, 32 SW, 8 MW, 4 LW), powerful audio, 3 position selectivity (no specs), antenna matcher, SSB/CW capability etc. No word on whether it uses an internal AM antenna; we'll have to wait until someone tries out the 300 and 600 to see if they will be of any use on MW. It certainly seems that keypad tuning and memory is the wave of the future. Punching up parallels can be instantaneous on such a system, and negates the need for a second receiver for parallel DX'ing.

* *

Ben also mentions his present receiver and loop antenna. The receiver is a Sansui TU-X1 AM-FM tuner. He sent me some info about this receiver, and, although he doesn't recommend it for serious MW DX'ing due to a wide IF passband, it is interesting in that the designers have emphasized high quality AM reception, usually an afterthought on stereo receivers. The wide

passband is only part of this; it also uses a MOSFET RF amplifier, double balanced mixer, low distortion IF, classy AGC circuit, and a complex AM synchronous detector circuit. I have seen the idea of this circuit described in radio amateur literature and IEEE material, but hadn't realized that it was used commercially (Ben's had the TU-X1 for two years). The synchronous detector results in the ability to choose either the upper or lower sideband of an AM signal, thus reducing or eliminating interference--very important if you have a wide passband, but important for DXers also. It even has an AM IF output for AM stereo, but other possibilities exist for such an output. Ben hopes to switch in a narrower IF filter for DX'ing purposes, which should make for some interesting results if it can be done.

His loop is a German made air-core model, 42x26x10 cm, known as the Martens Mittelwellen Rahmenantenne (would you believe "mediumwave loop antenna"?). The Martens loop owner needs to add a tiltable stand, and the loop doesn't appear to be designed for excellent nulling, though 45 dB with tilting isn't too bad. With the tuning capacitors and amp inside the loop, it runs counter to good design theory on this side of the water. It has a two FET amplifier (though can be used without), which boasts an adjustable feedback system, and allows up to 50 dB gain they claim; more important it can sharpen selectivity considerably, and Ben uses it to boost the selectivity of his receiver. Costs DM 110 (about US\$45). A 10 kw Thailand station has been heard in Europe using this loop with an SPR-4, so something must be right...

Finally, Ben sent some info on the Global AT-1000 antenna coupling unit. This is available from a British firm for about £32 (about US\$55), and is a pi-network coupler (see the Technical Guide for a description of such a circuit), intended for use with the R-1000 and FRG-7700 to help clear up front end problems. The main difference from a stock pi-net coupler seems to be the ability to work as a loop antenna tuner as well. If you want more info, write me.

* * * * *

Well, thanks Ben and Don. Maybe we can have some American contributors next time, especially as Americans make up the bulk of the club! 73 NHP

RIC HEALD, P.O. BOX 4861, SANTA ROSA, CA 95402 or 19050 RIDGECREST DR.,
GUERNEVILLE, CA 95446 (415) TOPaz 5-1260

Greetings. I seem to be hearing an echo in this week's column. With my luck they're be ten forums waiting for me when I mail this, hi.

Hey Jaisun, does the name Bob Bennett ring a bell? He's working for us at KPLS. Sez he knows you well, and he and I are now trying to get (bribe) our music director to plug your album. It's all uphill, as he is old-line country. Ah yes, he's working (Bob, that is) in sales.

When sending your reception reports, keep in mind, the bigger the station, the heavier the workload. The mail that means something to the station gets answered first, reception reports, I'm afraid, are among the lower priorities, unless the station is one of those automatic verifiers, so be patient.

Enjoyed my phone conversations with Mark Strickert, Albert Lobel and Bill Harms. Bill (his forum is somewhere on its way, probably Jersey, hi) was shot at while Beverage DX'ing. Now I've been accused of shooting from the hip before, but most of mine are spent chambers, hi.

So you heard KJNP, Terry? Are they still ID'ing as King Jesus North Pole? For those not familiar, North Pole, Alaska, is about 15 miles south of Fairbanks. They have a Santa Claus park that draws the "crowds." And Terry, KORL 650 has been heard every season in the Midwest. Any of the Hawaiians that will come through are NSP already, so just keep listening. I mean, if you heard KJNP on a busy frequency like 1170, Hawaii should be a trade, . . .I mean, breeze, hi.

Back to verifications. Remember, both NRC and IRCA OK'ed tape verifies, principally due to the increase in non-verifiers, so if you're taping, and the station ID's, you're all set. Of course I'd rather have the card or letter from the station, but I think a taped ID is absolute positive proof you heard someone, and it's a lot cheaper than sending beau coup follow-ups.

DX. Noted KGO 810 off last Sunday morning, 18 October. Unfortunately, this was after I had gotten in the car to drive off to work, but did spin the dial while warming up the car. You guys who report there's nothing to listen to on Sunday morning are right! Ended up listening to CKWX and WBAP during my 30-minute drive to KPLS. Oh, KGO noted off at 0455 PLT.

As for car radio DX'ing; if it's fairly new, forget it. My experience has shown that all the guts go into the FM side and nothing for AM. New AM only car radios are also pretty worthless. Mine is a 1968 Rambler American, and I really believe that AMC put out the last really good AM car radios. I also have a power-booster antenna which helps some.

Enough rambling this time around. OK Seattle, your turn. There's enough room for at least two forums. (Hint, hint, hi) 73 de Rth. .

Lottastuff still missing, eh! Due tooda postal strike, eh!

- 550 PQ CHEH Getsa CP for 20kw. Daze...it says 20kw.
- 560 HF CHCM Marystown now twins the new CHVO-850 430-1030 pm ELT
- 580 BC CKXR & twins not now using full call IDs. Just "R Country"
- 600 BK CFQC Saskatoon joined the AN John Gilbert Show Talk Network.
- 600 NF CBMI lprt is gone to CBYM-FM.
- 610 PQ CHNG got the CP for a twin on 1150 Gaspe. That's Gas-pay, eh!
- 680 MB CJOB wants 50kw. Day & Night.
- 680 ON CFTR got the CP for 50kw. D & N. Night xr at Grimsby near Hamilton.
- 680 ON CKGB got the CP for 730! Wonder how much CFTR paid them?
- 730 ON CKGB Timmins got t CP for 25kw. D & N ex 680.
- 740 HF CHNJ lprt moved to 90.5 FM.
- 800 BC CJNC is again using full call ID & dropped mush religion.
- 850 AP CHRD Red Deer is now on the AN John Gilbert Talk Network.
- 850 NF CHVO Speniard's Bay-Harbour Grace is on twinning VOOM-590. CHEM-560 now twins CHVO during live show 430-1030pm ELT.
- 900 BC CBUR lprt moves to 95.3 FM
- 900 BC C Penticton...delete. FM was approved.
- 900 PQ CETS drops all CBC
- 900 PQ CJTN OFF since 8/23/79. CRFC wants bids. Who missed them?
- 910 AB CJDV CHUM bought them & twins. Got a CP, too! 50kw. U2.
- 920 PQ CFIS Got the CP for 10kw. Day & Night.
- 990 BC CBUS 100 Mile House lprt will move to 91.3 FM. This may be your last chance to try for them. This one gets out on the WC.
- 1010 NF CNYQ Gauder 5kw. U2 will move from 1350. May be on now.
- 1070 BC CBUV lprt moves to 91.9 FM.
- *1050 ON CPYN drops all CBC. Now via CBSM-FM.
- 1150 ON C Sarnia...a TIS station approved here.
- 1190 HF CFNC lprt moves to 89.7 FM
- 1250 AB CJMR Hinton gets a studio(live 3am-2pm ELT)1/2kw. UL Rest is//CJYR.
- 1230 ON CJTB Thunder Bay has new calls ex CFPA.
- 1230 AB CKOK drops IIII Oilers hockey.
- 1250 ON CUNO & CJMR want a new xr site, still sharing. Same owners.
- 1310 AB CIOK got the OK to part twin CPOK-1370
- 1340 AB CIOK-1 at present just twins(relays) CIOK-1310.
- 1340 BC C Elkford would be a 50 watt lprt to twin CJPR-1490
- 1340 BC CHNL-2 Ashcroft/Cache Creek 1/2kw. UL twins CHNL-610 Kamloops.
- 1340 PQ CBGA-7 is ex CPHH. This one is 250 watts.
- 1340 ON CKRE Red Lake 1/2kw. UL is here ex FM CP. Twins CKDR-900 Dryden Watch for local IDs & ads.
- 1350 BC CKEG Nanaimo is on...RSP
- 1350 PQ CTSI-14 is ex CBGD.
- 1370 ON CB Kapuskasing. CBC dropped this in favour of FM.
- 1390 ON CHOO AJAX wants to change its day xr site.
- 1400 ON CKOB Renfrew got the OK for 1kw. Days.
- 1400 NF CBNL lprt is now CBTB-FM.
- 1400 PQ CKRV is off. CRFC wants takeover bids.
- 1420 PQ CBGA-5 lprt is ex CBGC.
- 1430 ON CJOL Toronto is ex CPHH.
- 1450 FC CHEMT Chetwynd is on twinning CJDC-1350 Dawson Creek.
- 1450 NF CPND lprt is gone to CBYP-FM.
- 1450 ON CHUC wants 10kw. D & Night. That's the Canadian "graveyard"!
- 1450 ON CKAP Timmins...another application by CKAP for a 5kw. twin. Think this was to get back at CKGB for their power/freq. push.
- 1470 PQ CKTB ville-de-la-Baie is new town name.
- 1490 FC CHPG Prince George is finally OFF.
- 1490 AB CJPR Crownsnest Pass is the new name for Coleman/Blair more.
- 1500 BC CKAY Duncan is now 10kw. with a new format...more MOR.
- 1600 AB C Calgary wants 50kw. U2
- *530 NF CFTZ drops all CBC & joins AN John Gilbert Show
- *640 HF CB Gjoa Haven gets a 40w. UL lprt...CBC-NI via satellite.

NEH Winnipeg Jets: CJOB: CFAR/CJAR, CHHM, CFAN/CJFR/CHSN, CHLQ-1570, CQOR/FAK, CJEL, CKDR/CKIG/CFRF/CKRE/CKSL/CKED

- *730 BC CBHF lprt moves to 97.7 FM
- 1240 PQ CJTR will drop all SRC(CBC French)...joins Télémedia
- 1460 PQ CKNF will drop all SRC(CBC French)...joins Télémedia

Stuff: CJRN & CJJD are said to be starting a John Michael Talk Show?
 CJJD now owned by Moffat: CFOX/CHFG, CKKJ/CHPI, CHFD, CHAB, CKY/CHTI/CKY-TV.

*1230 CFFB 1kw.UL NWT (Now on 1210) APPLICATION
 SAYS BRIAN VERNON (WHEN HE WAS HERE)

73 jo *Johnny Conuck*
 16

SUMMARY OF UNREPORTED STATIONS
END OF VOLUME 18.....

The following chart lists the total number of stations in the USA and Canada and the volume they were last reported as being heard.

COUNTRY	V18	V17	V16	V15	V14	V13	V12	Prior	Total
CANADA	256	54	21	9	8	1	2	52	403
U.S.A.	2566	653	445	197	101	66	104	448	4580
TOTAL	2822	707	466	206	109	67	106	500	4983
PCT. %	56.7	14.1	9.4	4.1	2.2	1.4	2.1	10.0	100.0 %

The following chart lists the total number of stations in the USA and Canada, the total number reported by members in V18 and the number unreported since Volume 11 by state and province.

T=Total # of Stations
R=Reported in V18
U=Unreported since V11

STATE	T	R	U	STATE	T	R	U	PROVINCE	T	R	U
AL	143	60	25	MT	49	32	0	AB	37	30	0
AK	28	14	12	NE	49	34	1	BC	66	46	5
AZ	66	49	4	NV	21	19	0	MB	19	12	3
AR	100	41	20	NH	28	13	2	NB	17	11	1
CA	236	194	0	NJ	39	23	3	NF	31	13	16
CO	73	62	0	NM	58	35	5	NWT	5	0	5
CT	39	21	0	NY	162	78	11	NS	18	13	1
DE	10	7	1	NC	218	73	37	ON	99	68	3
DC	7	7	0	ND	32	21	2	PEI	3	2	0
FL	200	89	38	OH	127	65	7	QU	86	45	18
GA	188	70	25	OK	67	43	11	SK	20	16	0
HI	26	20	0	OR	84	69	1	YT	2	0	0
ID	45	35	0	PA	184	91	8				
IL	130	89	2	RI	15	8	0				
IN	87	42	2	SC	107	42	22	TOTAL	4983	2822	500
IA	84	76	1	SD	36	26	6				
KS	62	40	6	TN	168	79	19				
KY	126	57	8	TX	291	142	78				
LA	96	42	17	UT	36	35	0				
ME	38	26	6	VT	19	5	2				
MD	50	31	1	VA	139	75	9				
MA	68	46	0	WA	96	73	0				
MI	131	79	3	WV	65	22	13				
MN	98	56	12	WI	107	74	1				
MS	109	49	20	WY	31	20	0				
MO	112	67	7								

The following chart lists the same information as the chart above except by regions instead of states.

REGION	T	R	U
North East (CT-DE-MA-NH-RI-VT)	207	119	10
Mid Atlantic (DE-DC-MD-NJ-NY-PA)	452	237	24
South Atlantic (FL-GA-NC-SC-VA)	852	349	131
South East (AL-AR-KY-LA-MS-TN-WV)	807	350	122
Mid East (IL-IN-MI-OH-WI)	582	349	15
Mid West (IA-KS-MN-MO-NE-ND-SD)	473	320	35
South West (AZ-NM-OK-TX)	482	269	98
Rockies (CO-ID-MT-UT-WY)	234	184	0
West Coast (CA-HI-NV-OR-WA)	463	375	1
Maritimes (NB-NF-NS-PEI-NWT(e))	70	39	19
Eastern Canada (ONT ON-QU)	185	113	21
Central Canada (NB-SK)	39	28	3
Western Canada & Alaska (AK-AB-BC-NWT-w-YT)	137	90	21
TOTAL	4983	2822	500

Radio's New Waves

Satellite Networks Tune In the Nation

By Richard Harrington

Within the next few years, it will be possible to drive across the United States listening to the same radio station, tuning in to the same radio personalities in Maryland, Ohio, Nebraska and California and states in between.

The ads and news breaks may vary with locale, but the songs, chosen by computer research and mass audience analysis, will remain the same.

This morning, a new era in radio programming begins when 150 stations around the country join the new Satellite Music Network's two 24-hour services, Country Coast to Coast and Starstation, beamed off Satcom I.

Network radio, transmitted in bits and pieces over land lines and via tape, has been a big item for the past three or four years, but the satellite networks herald a possible return to the "national radio" that existed in the medium's early decades. In fact, radio could mimic television in leaving its programming to a few major voices with the only local contributions being news breaks and advertising spots.

Other 24-hour (long-form) formats waiting in the wings include Bonneville's beautiful music, Sunbelt's "adult contemporary," Continental's mix of pop and Christian music, an ABC Radio talk show and others from such existing networks as RKO, CBS, NBC and Mutual. And networks new and old will undoubtedly be offering a variety of full formats, all targeted to specific demographics by way of heavenly satellites and earthbound dishes.

"Radio is the creature of technology," says Rick Sklar, program head for ABC Radio Enterprises, which is planning to produce an 18-hour-a-day national talk network as well as a 24-hour music service starting in March. "The impact of television caused it to change originally from a national nighttime entertainment to an around-the-clock medium providing all kinds of services. With the development of FM technology,

there were more stations and they became more specialized, going after targeted, special interest audiences."

There currently are more than 9,000 radio stations in the United States, of which only 30 percent are profitable, according to radio consultant Kent Burkhart. Many of those stations already use existing networks and syndicators for portions of their programming; ABC, for instance, has almost 1,800 affiliates to its four existing radio networks (Information, Contemporary, FM and Entertainment; they are now on land lines, but will switch to satellite by 1984). Other stations use consultants who tell them what to play and how to play it to ensure the strong ratings that affect advertising — the medium's lifeblood. And many stations make out as well as they can under the weight of ever-increasing operating costs, a nationwide talent shortage and a cutthroat competitive environment.

Centralized satellite programming will allow many of these struggling station owners to abolish such jobs as program director, announcer, copy director. One network advertises the economic benefits as "saleable product without out-of-pocket high cash costs and programming resources that build audience, cut costs, improve productivity of personnel and facilities." Which must sound good to a station perpetually in the red. And the advantage of the round-the-clock service is justified by research showing that more than 40 percent of all adults over 18 — that's 65 million potential customers — listen to overnight radio.

"A medium-sized station will be able to save \$150,000 a year, a small station \$80,000 to \$75,000," says Burkhart, who is president of Burkhart/Abrams/Michaels/Douglas and Associates, the radio consulting agency that is the major force behind the Satellite Music Network, which has its studios in Chicago and offices in Atlanta. "And larger stations, depending on their talent overhead, can save even more." Should it choose a 24-hour format, a station would actually be able to operate with only an engineer to cue in the local ads ("practically turn-key" one brochure promises). With everything being done by computer, the human element will obviously diminish — as will the payroll.

The cries of protest against satellite radio have centered on the potential loss of jobs and the possible homogenization of the airwaves. Program directors, who see their jobs threatened, insist that local image and personality are prime ingredients in a station's success and that satellites can't counter that. The satellites, on the other hand, say that such strength exists only in drive

time, and that after that listeners don't really care about the announcer's point of origin as long as the programming is good. And the satellite deejays, personalities who will sound as "alive" as your current favorite even when they are broadcasting from Chicago or Los Angeles, will be careful not to say from where they are broadcasting. Time-zone problems will be solved by keeping announcements simple: "It's 20 past the hour," and so on. "It will expose more people to a higher class of radio," admits one local program director. In fact, the satellite deejays could become national radio stars; most of the current crop are show hosts exposed through syndication.

On the music side, there is the danger that radio will mimic television and seek the lowest common denominator in trying to reach the widest possible audience. Burkhart admits that in choosing its programs, SMN will follow the Burkhart/Abrams pattern of consultancy. "There are some isolated islands; New York City has a music mix of its own that we call an urban music mix. We exclude that from the national sample. When you put the national sample all together, 90 percent of America is in agreement on the current hit product. We don't pay any attention to the 10 percent that's left, we play the 90 percent that's safe."

There currently are no plans by any Washington radio stations to use the satellite networks on any major basis (SMN will be joined in October by Sunbelt and Continental; ABC's talk show is slated for March 1982, and other networks will be announced shortly). Obviously, as syndicators start to use satellites more, program directors will use them as working tools to provide ratings-oriented programming at lower operating costs.

With 35 stations and a highly fragmented market, Washington needs those local controls and flexibility. But across the country, there's a receptive market for networking. Burkhart predicts that in 10 years, 50 percent of the nation's radio stations will be carrying all or part of their programming from satellites. "That leaves 50 percent out there doing their thing. They're the ones that take the risks. We're not crusaders, we're reflectors."

"There was a time when radio was mostly national," adds Sklar. "Movies are a national medium. Nighttime television is a national medium. Radio once was. Cable television is mostly local. These things go back and forth. What counts is entertainment and the quality of programming." Wash. Post 9/1/81

Avez-vous Votre Foreign Log ?

More than 100 pages long, the Foreign Log will include information on thousands of medium wave stations in over a hundred countries. This information will include:

- Summaries, in frequency order, of the schedules, ID methods, programming, times and locations heard, and other information on the several hundred stations reported to DXM recently.
- Information on hundreds of other stations, gleaned from various other QCB publications.
- Lists of stations in Mexico, China, and South Korea, fully updated as of September, 1981.
- Tables of great circle bearings and distances from Atlanta, Boston, Chicago, Denver, Houston, Los Angeles, and Seattle, to 141 foreign cities.
- Tables of sunrise and sunset times for foreign DXers.
- Lists of foreign stations carrying American Country Countdown and American Top Forty.
- And other useful information.

To reserve your copy of the Foreign Log, send \$5.50 cash, check, or money order to the IRCA Goody Factory, P.O. Box 17088, Seattle, WA 98107. (Non-IRCA/NRC member price: \$6.50)

NRC PUBLICATIONS CENTER

NRC PUBLICATIONS CENTER
P.O. BOX 164
MANNSVILLE, NY 13661

No, the above address nor the following advertisement for National Radio Club publications is an oversight by your editor.

We are pleased to announce that the Board of Directors of IRCA and the Publishing Committee of NRC have reached a mutual agreement that will benefit the memberships of both organizations.

Effective immediately, ALL National Radio Club publications and reprints are available to all IRCA members for the discounted member price previously open to NRC members only. This results in substantial savings on the recently published NRC Canadian/American Night Pattern Book. Also available are the NRC Receiver Reference Manual and NRC Antenna Reference Manual (ideal companion pieces to the new IRCA DXer's Technical Guide), as well as the NRC Domestic Log (fifth edition printed in 1979). This last publication is now available while supplies last for only \$4.00.

In addition to the above publications, all NRC Reprints will be available for the member discounted rate of 10¢ per page. Many top-notch DX related articles from past issues of DX News are now available to update your library on virtually all aspects of the MW DXing hobby.

For a copy of the current NRC Reprints List, just forward your request to the above address along with a self-addressed stamped envelope. The latest NRC Reprint List will be sent by return mail.

The NRC library is available to you at member prices!! Send your SASE.....NOW!!!

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.

OFFICERS: President--Don Kaskey, 465 Burnett, Apt. 1, San Francisco, CA 94131. Secretary--Rich Segalas. Board of Directors--Phil Bytheway, Nick Hall-Patch, Ric Heald, Ernle Cooper, Jef Jaisun, Bruce Portzer, Niel Wolfish.

MEMBERSHIP DUES: \$16.50 First Class to the U.S.A., Canada, and Mexico. \$20.00 Air Mail to the rest of the world via Canada. Air mail direct from the U.S.: \$25.00 to Central America, Caribbean, Colombia, and Venezuela; \$30.00 to the rest of the world. Sample copies cost 50¢ each or three International Reply Coupons. Make checks and money orders payable to I.R.C.A. Persons living outside the U.S. should send checks or money orders payable in U.S. funds. DUES AND ADDRESS CHANGES should be sent to Rich Segalas, P.O. Box 26254, San Francisco, CA 94126.

DX MONITOR, the official bulletin of the IRCA, is published 34 times a year weekly from October to March, twice in September and April, and monthly from May to August. PUBLISHING STAFF: Bruce Portzer (editor-in-chief), Dave Koriney (Publisher), Evelyn Portzer, Nick Hall-Patch, Jef Jaisun, and Phil Bytheway. Phone: 206-522-2521 (Portzer)

THE IRCA GOODIE FACTORY. The IRCA Almanac, Foreign Logs, reprints, and other materials are available for nominal charges. For a complete list, write to P.O. Box 17088, Seattle, WA 98107.

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in DX Monitor, provided credit is given to IRCA and the original contributor.

Opinions expressed in DX Monitor are those of the contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors, or officers.

DX Monitor is printed by Save-on Printing, Seattle, WA.

IRCA

**P.O. BOX 2107ALE, WA
SEATTLE, WA 98118**



First Class

**D.A. NYHOLM
2071 CEDAR STREET
SAN CARLOS, CA 94070**

1982

