

January 28, 1995 - Volume 32 - Number 20 - Edition 1046 - ISSN 899 - 9732.

NEW MEMBER: Tom Leykis - Hollywood CA. **RENEWALS:** Karl Forth Chicago IL, Jim Albrecht - Milwaukee WI, Lynn Hollerman - Huntsville AL

IN THIS ISSUE: DX Test....2, DX Worldwide West....3, Western DX Round up....4, IRCA Contests....6, Central DX Roundup....7, Eastern DX Roundup....9 Eastern DX Forum....11, Western DX Forum....12, Sportchannels....13, Hearing It Through The Grapevine....15, Introduction to the MWDX - 6 Phasing Unit by Mark Connelly....18 (this article is 32 pages. If the introduction sounds good and you wish to have a copy let me know and I will send you a copy. Copies will be available from the Reprint Service in the near future). Ad for the IRCA Mexican Log....19.....

RENEWALS: If your address label reads 32-20, 32-21, 32-22 it is time to renew. I will also mark the front of your DX Monitor.....

ANNIVERSARY ISSUE: It is only 6 issues away time to get busy on those forum reports. Please mark your forum report Anniversary Issue.....Thank You.

MEMBERSHIP LIST: Will try to get the list into the upcoming anniversary issue. The list will go out this week to the membership list chairperson Randy Lott. Be sure to watch your mail box Randy.....

THE NEW NEW MEMBER PACKET: Part of the new member packet is on its way to be proof read. This job will be done before I leave office for sure. Not enough hours in a day to get it all done and take a nap.....

1995 TED VASILOPOULOS AWARD NOMINATIONS

The Ted Vasilopoulos Award is our club's highest honor. Ted Vasilopoulos was a founding charter member of IRCA who died in 1965. This award in his honor is presented to the IRCA member who has contributed the most to IRCA and the DX hobby during the past year, as determined by a vote of IRCA members. The winner receives a plaque and a year's free membership in IRCA.

A committee comprised of the three most recent TVA winners will choose the nominees to appear on the March ballot, which will accompany the club's regular election of officers. If you wish to recommend a deserving IRCA member for the TVA ballot, please write to Nancy Hardy, 2301 Pacific Ave., Aberdeen, WA 98520-4527 by Feb. 10, 1995, or see Western DX Roundup for Nancy's E-mail addresses. Unlike club elections where you are limited to one nominee per office, counting the Board as seven offices, you may recommend as many people for the TVA ballot as you wish. This is an honor, so nobody should nominate themselves. Any IRCA member in good standing is eligible for the TVA, except the following recent TVA winners: Ralph Sanserino, J.D. Stephens, Bill Hardy, and Nancy Hardy.

DX TEST BULLETIN

**** DX TESTS ARRANGED BY IRCA & NRC ****

MONDAY, JANUARY 30, 1995 - CFRY-920, 1500 SASKATCHEWAN AVENUE WEST, PORTAGE LA PRARIE, MB R1N 0N6, CANADA WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE COUNTRY MUSIC, VOICE ID'S & MORSE CODE ID'S. POWER WILL BE 25 KW USING THEIR DAYTIME ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. RED HUGHES - STATION MANAGER. NOTE: CFRY WILL KEEP A PLAYLIST OF SONGS PLAYED DURING THE TEST, SO REPORT ANY SONG TITLES YOU HEAR. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, JANUARY 30, 1995 - WAMR-1320, VENCIE, FL WILL CONDUCT A DX TEST BETWEEN 1:30 & 2:00 AM EST. THE TEST WILL INCLUDE BIG BAND MUSIC & MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. LEE J. FRESHWATER (KE4QLK) - DIRECTOR OF ENGINEERING, c/o ASTERISK COMMUNICATIONS, 3357 SW 7TH STREET, OCALA, FL 34474. NOTE: MR. FRESHWATER IS A MEMBER OF IRCA. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, FEBRUARY 6, 1995 - K1YU-910, P.O. BOX 165, GALENA, AK 99741 WILL CONDUCT A DX TEST BETWEEN 5:00 & 5:30 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S, & EASILY IDENTIFIABLE MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. ROBERT C. SOMMER - GENERAL MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SATURDAY, FEBRUARY 11, 1995 - WWOL-780, 1263 WEST MAIN, FOREST CITY, NC 28043 WILL CONDUCT A DX TEST BETWEEN 2:00 & 4:00 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S, & MARCH MUSIC. POWER WILL BE 10 KW USING A NONDIRECTIONAL ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. JULIUS BLANTON ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SUNDAY, FEBRUARY 12, 1995 - KNZZ-1100, 1360 E. SHERWOOD DRIVE, GRAND JUNCTION, CO 81501 WILL CONDUCT A DX TEST BETWEEN 3:00 & 3:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. POWER WILL BE 10 KW USING A DAYTIME ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. DWIGHT MORGAN - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, FEBRUARY 13, 1995 - KGYN-1210, P.O. BOX 130, GUYMON, OK 73942 WILL CONDUCT A DX TEST BETWEEN 2:00 & 2:30 AM EST. THE TEST WILL INCLUDE VOICE ID'S AND MORSE CODE ID'S. POWER WILL BE 10 KW. RECEPTION REPORTS MAY BE SENT TO: MR. BILL WELDON - PROGRAM DIRECTOR. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

TUESDAY, FEBRUARY 14, 1995 - WREN-1250, 201 NW HIGHWAY 24, TOPEKA, KS 66608 WILL CONDUCT A DX TEST BETWEEN 1:00 & 2:00 AM EST. THE TEST WILL INCLUDE VOICE ID'S, MORSE CODE ID'S, & GOSPEL MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. BOB PLUMMER (AA00U) - STUDIO ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, FEBRUARY 20, 1995 - KERR-750, POLSON, MT WILL CONDUCT A DX TEST BETWEEN 2:00 & 2:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. POWER WILL BE 50 KW USING A NONDIRECTIONAL ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. ANDY ANDERSON, c/o KBMR-AM RADIO, 3500 EAST ROSSER AVENUE, BISMARCK, ND 58501. (ARRANGED BY J.D. STEPHENS & TOM BRYANT FOR THE IRCA CPC)

SATURDAY, MARCH 4, 1995 - KFDF-1580, P.O. BOX 573, FORT SMITH, AR 72902 WILL CONDUCT A DX TEST BETWEEN 2:00 & 3:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, VOICE ID'S & POSSIBLY SOME "SPECIAL MUSIC". KFDF WILL USE A NONDIRECTIONAL ANTENNA PATTERN, AND THE FIRST 30 MINUTES OF THE TEST WILL BE RUN AT A POWER OF 52 WATTS. THE LAST 30 MINUTES WILL BE AT A POWER OF 1,000 WATTS. RECEPTION REPORTS MAY BE SENT TO: MR. STUART ROWLAND (K1SSX) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, MARCH 6, 1995 - WKBR-1250, P.O. BOX 3822, MANCHESTER, NH 03105 WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, TEST TONES, VOICE ID'S & "BEAUTIFUL MUSIC". RECEPTION REPORTS MAY BE SENT TO: MR. PETER GEORGE (N1GGP) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, MARCH 6, 1995 - KZIM-960, P.O. BOX 1610, CAPE GIRARDEAU, MO 63702 WILL CONDUCT A DX TEST BETWEEN 2:00 & 2:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, VOICE ID'S & POSSIBLY SOME "SPECIAL" MUSIC. THE FIRST 15 MINUTES OF THE TEST WILL BE CONDUCTED ON A 5 KW DAYTIME PATTERN, AND THE LAST 15 MINUTES OF THE TEST WILL BE CONDUCTED ON A 5 KW NIGHTTIME PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. DAVE OBERGOENNER - DIRECTOR OF ENGINEERING. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, MARCH 13, 1995 - KWOC-930, POPLAR BLUFF, MO WILL CONDUCT A DX TEST BETWEEN 2:00 & 2:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, VOICE ID'S & POSSIBLY SOME "SPECIAL" MUSIC. THE FIRST 15 MINUTES OF THE TEST WILL BE CONDUCTED ON A 5 KW DAYTIME PATTERN, AND THE LAST 15 MINUTES OF THE TEST WILL BE CONDUCTED ON A 5 KW NIGHTTIME PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. DAVE OBERGOENNER - DIRECTOR OF ENGINEERING, c/o KZIM-AM RADIO, P.O. BOX 1610, CAPE GIRARDEAU, MO 63702. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, MARCH 13, 1995 - KSIM-1400, SIKESTON, MO WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, VOICE ID'S & POSSIBLY SOME "SPECIAL" MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. DAVE OBERGOENNER - DIRECTOR OF ENGINEERING, c/o KZIM-AM RADIO, P.O. BOX 1610, CAPE GIRARDEAU, MO 63702. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)



DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

DEADLINE: MONDAYS

I know I said last week there wouldn't be a column this week, as I was on vacation. Well, I tried to go, but I didn't get too far, being turned back at Arcata, CA going South. All the roads were flooded. I will try to head South next month if I can get away. Anyway, a nice report this week from Tim Hall and some help with UNIDs reported by LG-MT and RW-CA. So away we go.

PAN-AMERICAN DX ROUNDUP

- 740 MEXICO, Cancun-XEBAI (not logged here, but R. Formulanetwork list includes this new station, Power unknown). (TRH-CA)
- 850 MEXICO, Hermosillo-XEUS 1/3 0655-0705 Jazz mx with laid-back sounding SS male ancr noted here instead of usual KOA, IDed as Radio Universidad, but didn't catch calls because of KTRB-860 splatter. A few minutes later, gave MST. Didn't think to check SW//. Must have been a geomagnetic disturb, many NE stations were weak(RT-CA)
- 950 MEXICO, Hermosillo-XEPB Noted now 24 hr. Often audible through local XEKAM. (TRH-CA)
- 1020 TURKS AND CAICOS, at 0200 1/6-noted on car radio on Hy99, Rel.pgm w/ID at 0600, then faded. (GJ-CA)
- 1150 MEXICO, Cd. Obregon-XESO Noted now using "Energia 11-50 Digital" slogans. XESO-1150, XEOBS-1070, and XEAP-1290 are the "Grupo Radio Sonora" stations in Cd. Obregon. Signal improved drastically in recent months. (TRH-CA)
- 1200 MEXICO, Hermosillo-KEYF NEW STATION w/Radio Formula sat. feed. Often killed by XEWT which is mostly a waterpath, but sometimes puts a good dent in XEWT/WOAI. Power 1KW. Station is a member of Grupo Radio Sonora. Best chance for legal ID is around 0600 or 0700, give or take a few minutes. (TRH-CA)
- 1290 MEXICO, San Quintin-XEQIN More info on this station: Sked 2000-0300 (-1 hr in Summer due to DST), SS and Indian languages. Power 2.5KW, slogan "La voz del Valle" Address: Apartado Postal 217, San Quintin, BCN 22930. Phone #5-20-23. Best time to log this one is in Winter between 0200-0300, after U.S. stations have switched to night power/pattern. Gets out well. (TRH-CA)
- 1610 ANGUILLA, The Valley-in strong at 0300 w/rel. pgm and ID. They plan to go to 200KW sometime this yr. (GJ-CA)

Tim Hall also mentions that RW and LGs UNIDs R. Formula stations are KEAVR-720 and XEKAM-950.

THANKS TO THESE REPORTERS

- TRH-CA TIM HALL-350 G. STREET #F1-CHULA VISTA, CA 91910-4559
ICF-2010, KIWA Loop
- GJ-CA GARY JACKSON-7735 CENTER PARKWAY-SACRAMENTO CA 95823-4148
FRG-8800, KIWA Loop
- RT-CA RICH TOEBE-2550 HILBORN RD #34-FAIRFIELD,CA 94533
ICF-2010

A DXers TECHNICAL GUIDE

Now in its 2nd edition, this 120 page book answers questions on receiver and antenna theory (how to improve their performance), how audio filters and loop antennas can improve DX (and hints on their construction), how to build a beverage and phasing unit, and much more. Only \$5.50 for IRCA/NRC members, \$6.50 for non-members (overseas airmail add \$2.50).

Order from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117.



WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520-4527

★ PRODIGY
FMFT21B

Electronic Mail: 73201.2263@CompuServe.com, Prodigy FMFT21B, or
NancyHardy@AOL.com. E-Mail deadline: 6pm Mondays.
WDXR DEADLINES: Every Monday. Please use Eastern Time.
Anniversary Issue Deadline: Monday, Feb. 27.

REPORTERS FOR THIS ISSUE:

- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (GL) Gary Larson-2806 Lincoln-Burbank, CA 91504
(GL-CA1) DX'ing in Lancaster, CA
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843
Drake R8, 2000' NNW Beverage, 1500' E Beverage, terminated 200' SW wire
- (bp) Bruce Portzer-6546 19th Ave. NE-Seattle, WA 98115
- (DS) Dan Sys-27423-32nd Avenue-Aldergrove, BC V4W 3J3
- (PT) Pete Taylor-2614 Jackson St.-San Francisco, CA 94115-1123
Sony 2010, modified Palomar loop

OF SPECIAL INTEREST

- 1600 KYGO CO, Lakewood 1/5 1748 and 1/6 2250 strong with C&W programming and IDs as "Hot new country, KYGO-FM, 98.5." Ex-KWMX. (LG-MT)
+1/14 0145 lots of ID's for "98.5," and for "KYGO AM & FM." Female announcer with country music, lots of Denver ads. On top for 15-20 minutes, but KATZ dominant at later check. (PM-OR)
- 570 KISN UT, Salt Lake City 12/28 0730 poor under CKWL in KVI null with local ads, ID "Your dial is set to the Clubhouse," into Sportsfan Radio network programming. (DS-BC)
- 590 WOW NE, Omaha 1/4 0752 under KAQQ. After WOW News Update, man said "More fun, more ways to win, and a better variety of your country ???, WOW." New for me. (LG-MT)
- CFTK BC, Terrace 1/2 0500 fair signal under/over KUGN & KAQQ with talk show feed from CKNW-980 (Sterling Faux Show). They used to run satellite GTO during all-night show. (DS-BC)
- 670 WMAQ IL, Chicago 1/8 0755 even level with KBOI (which is unusual) with call ID. (LG-MT)
- 770 KULL WA, Seattle 1/2 1300 noted with new C&W format simulcasting KRPM-106.1 100% (except for WHL hockey coverage some evenings). (DS-BC)
- 780 WBBM IL, Chicago 1/8 0807 "Newsradio 78" strong. (LG-MT)
- 800 KINY AK, Juneau 1/5 0958-1006 in & out with KSOS. Before the hour, played Rolling Stones hit then big-band number before ID. "Since 1935, this is your home town radio, KINY." ABC news followed, and ended at 1005, before legal ID. Thanks to Pat Martin for tip; I've been trying for months. (LG-MT)
- (CKOR) BC, Penticton normally dominates around 1000 here, but not audible 1/2, 1/4 or 1/5 when I heard KSOS, XELO and KINY. Possibly running less power, or switched to FM? (LG-MT)
- XELO CH, Ciudad Juarez dominated at 1008 1/4, so it (and not KHIS) was probably my uniD with religious programming alternating English-Spanish, 1/1 1021-1035. (LG-MT)

- 840 WPEX988 CA, Belvedere 1/9 1803 brand new emergency services station noted with loop stating "This is a test and this is the end of the test" (this was still going at 1930 tune-out). Good carrier, low modulation. This is the frequency where Gary Jackson says the State will place many of its new outlets. (PT-CA)
- KDBS OR, Eugene 12/30 1915 fair signal with lots of CKMA-850 splatter, heard local ads, into the Tom Leykis Show. (DS-BC)
- 880 KIXI WA, Mercer Island 1/9 1936 mixing it up with KKMC. Spanish took over by 1940 (KWIP?) and KIXI disappeared (late pattern change?). They aren't that great in Tacoma nights. Rare here. (PT-CA) (KIXI January pattern change would be at 1945.--NH)
- 910 (KNEW) CA, Oakland off due to storm 1/9 1917-2039 post-dinner retune-in. Portland's "Sunny 910" with 60's+ music on top til 1931 mid-ID pattern change, then all Spanish. (PT-CA)
- 980 KFVB CA, Los Angeles 12/30 0215 managed to null CKNW good enough to hear a faint KFVB ID, local ads, into sports. (DS-BC)
- 1230 KCBN NV, Reno nice clean post-news ID 1/9 2206 over classical music (probably KQIK) and into "What a Difference a Day Makes" by Dinah Washington. (PT-CA)
- 1250 KIKC MT, Forsyth 12/31 0945 fair signal over/under KWSU with ID "Weekends are fun with KIKC, Kick Country." Into C&W. (DS-BC)
- 1370 KFIR OR, Sweet Home 1/7 0030 hit on frequency to hear tail end of KFIR s/off, into SSB. Good signal over CFOK & KAST. (DS-BC)
- 1420 CJVR SK, Melfort 1/2 0445 good signal, no sign of usual KITI & KUJ, ID "Today's Country CJVR," into C&W music. (DS-BC)
- 1440 KVON CA, Napa 12/31 1130 fair under CFCP & KMED with local ads, ID, into talk (West Coast Garden Line). (DS-BC)
- 1450 KJUN WA, Puyallup 1/8 0930 poor under KONP & KLBM with ID listing all stations on "The Country Gold Network," into Sunday morning talk show. (DS-BC)
- 1480 KKCQ MN, Fosston 1/4 0800 weak with legal ID. (LG-MT)
- KRAE WY, Cheyenne 1/8 0806 dominant following weather, with ID "Cheyenne's pure-gold classic oldies station, 1480 K-Ray." (LG-MT)
- 1490 KSYC CA, Yreka 12/31 1930 fairly dominant with local ads, ID "The Country Giant KSYC," into C&W music. (DS-BC)
- 1570 (CHUB) BC, Nanaimo 1/1 2359 GONE FOREVER!!! Now known as "The Wave," CKWV-102.3 with "Soft Rock for the Island." (DS-BC)
- +1/9 1025 noted on new frequency over/under KCVR with C&W music // 1350. Anyone know if they'll vacate 1350 eventually? (bp-WA)
- CKEG BC, Nanaimo 1/2 0000 now on new frequency with C&W, still simulcasting on 1350 for "awhile." ID's as "C-Keg 1570." (DS-BC)
- 1610 TIS CA, Antelope Valley 1/6 0515 approx., while in area heard with info on Antelope Valley locations/events, Indian Museum and other items. Was in Antelope Valley in a restaurant lot & noticed signal was not really strong. No idea of transmitter location. (GL-CA)
- TIS WA, Port Angeles 12/31 1610 Olympic Nat. Park TIS with very good signal warning people to use caution on trails and not to feed wildlife in the park. (DS)
- 1644 KVGB KS, Great Bend (spur of 1590, frequency approx.) 1/8 2245-2300 strong with very distorted signal, with non-stop C&W, then legal ID and mention of "Vintage Country." (LG-MT)

DX TEST

- 1090 (KTNS) CA, Oakhurst too much CKRX on same loop bearing. (LG-MT)

LOCAL NEWS

- 770 KULL WA, 1/8 0945 noted back to C&W //KRPM-106.1 and heavily promoting their power boost to 50kw. Still legally ID'ing as KULL at top of hour, but otherwise uses "K-106" & "Country's Best Variety" slogans. Ex-satellite oldies. (bp-WA)

UNIDS

- 640 Fluke fade-up 1/9 2140 with pop-sounding tune. Totally gone in two minutes. Not many options. (PT-CA)

- 920 1/9 1921-1943 (KNEW-910 off). KXLY news accompanied by unID with DJ Eddie Hubbard and wide range of oldies/softies (50's-80's). (PT-CA) (SMN Stardust, most likely KSHO-OR.--NH)
- 1300 1/9 2155 religion (presumed KDOV), country (KMPS) and a pesky 50's oldies outlet bobbing in between. Presumed KYNO. (PT-CA)
- 1460 My Spanish friend is back, this time 1/9 2150. This is the one I heard in Tacoma 12/93 and which a BC DX'er heard 12/94. Music and some teletalk. Good level until (1) KDIA ended job notices and went back to music 2158 and (2) the power came back on 2213. No Spanish there at all at 2300. Could someone check nights on KTYM? (PT-CA)

The anniversary DXM is not that far away! WDXR deadline for anniversary issue tips is Monday February 27.



IRCA CONTESTS

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520-4527

★ PRODIGY
FMFT21B

Electronic Mail: 73201.2263@CompuServe.com, Prodigy FMFT21B, or NancyHardy@AOL.com.

Contest standings as of Jan. 15, 1995:

States/Provinces		Letterama		Locals	
DX'er	Points	DX'er	Points	DX'er	Points
1) Carl DeWhitt	842	1) Brian Oakley	107	1) Brian Oakley	153
2) John C. Johnson	817	2) Roy Millar	102	2) Lee Freshwater	142
3) Lee Freshwater	720	3) Mike Sanburn	78	3) Tom Beaton	118
4) Brian Oakley	709	4) Ted Wendland	52	Roy Millar	118
5) Tom Beaton	459	5) John C. Johnson	51	5) Carl DeWhitt	56
6) Roy Millar	429	6) Tom Beaton	42	6) John C. Johnson	47
7) Ted Wendland	408	7) Lee Freshwater	25	7) Michael Bay	11
8) Nigel Pimblett	293	8) Nigel Pimblett	24		
9) Michael Bay	40	Pete Taylor	24		

Graveyarders		Foreign	
DX'er	Points	DX'er	Points
1) Roy Millar	26	1) Elliot Straus	151
2) Mike Sanburn	23	2) Larry Godwin	40
3) Ted Wendland	22	3) Roy Millar	14
4) Nigel Pimblett	17		
5) Tom Beaton	14		
6) John C. Johnson	8		

For complete contest rules, see the September 17, 1994 *DX Monitor*. Any IRCA member may enter the contests anytime. **There is no entry fee for IRCA contests.** Your first contest report is your entry. Be sure to report stations for each month by the 10th day of the next month.

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Order from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

Central DX Roundup



Editor: John C. Johnson



FOR THE RECORD

ADDRESS YOUR REPORTS TO:

E-MAIL: JOHNJ53816@AOL.COM

SNAIL-MAIL: 979 NEPTUNE BLVD., BILLINGS, MT 59105-2129

AMERICA ON LINE: JOHNJ53816

COMPU-SERVE: 74444,3075

PRODIGY: MPNN49A

REPORT ALL TIMES AS EASTERN.

DEADLINE: SATURDAYS.

RIDING GAIN

- [SA-MB] **Shawn Axelrod**, 30 Becontree Bay, Winnipeg, Manitoba R2N 2X9
Icom IC-R70 w/PLAM board & 4kHz filter, 4-foot box loop, Quantum loop, 100' wire.
- [JE-MN] **Jon Ellis**, Maple Grove, MN
GE SuperRadio III+, Select-A-Tenna.
E-Mail: Prodigy: JSPT27B Internet: JSPT27B@prodigy.com
- [TJR-IL] **Thomas J. Reiser**, Box 5203, Chicago, IL 60680-5203
E-Mail: Internet: reiser@firefly.prairienet.org America On Line: ReiserT
Sony ICF-2003 with built-in antenna.
- [JJR-WI] **John J. Rieger**, 801 Sherman Avenue, South Milwaukee, WI 53172
Panasonic RF200, RF2600, Kenwood R1000, Icom IC-R70, Realistic DX 380, GE SuperRadio, Drake SW8. Kowalski loop.

DOWN THE DIAL

- 830 CKKY **AB**, Wainwright. 12/31 with excellent signals destroying WCCO. 0826 with country music and ID "All Hit Country. Key 83." [SA-MB]
- 980 KMBZ **MO**, Kansas City. (no date nor time listed) ID out of Ai news, "24 hours a day, the news watch never stops on news radio 9-80 KMBZ." [JE-MN]
- 1150 KIMM **SD**, Rapid City. 1/9 alone, weak but clear. 0019 with "News-talk" promo into satellite talk. [JJR-WI]
- 1160 WODY **VA**, Fieldale. 1/9 good in WJJD null. 1900 IDing FMer as "PIR FM" over and over. Contemp. Christian format. New for me. [JJR-WI]
- 1190 KBCO **CO**, Boulder. 1/9 good. 0045 with "97.3 KBCO" IDs. New for me. [JJR-WI]
- 1230 KDIX **ND**, Dickinson. 12/31 fair. 0748 with "KDIX" IDs, local weather and a grain market report. [SA-MB]
- 1310 WTIK **NC**, Durham. 1/9 poor o/wIBA. 1851 finally caught "13-10 WTIK" slogan after 7 country songs without any talk. Talk about "continuous country" hi. [JJR-WI]
- 1340 KCAP **MT**, Helena. 12/31 on top a major mess. 0754 with "News, information, and your favorite music 24 hours a day. 13-40 KCAP Helena." [SA-MB]
- 1410 WDOV **DE**, Dover. 1/9 very weak, but alone on rare appearance. 0200 with "News talk 14-10" slogans out of talk into CNN News. [JJR-WI]
- 1450 KZZJ **ND**, Rugby. 1/8 good signal. 0759 with SSB and sign on. This is a new time for their Sunday sign on. Not 0900 as per NRC log. [SA-MB]
- 1520 KMPL **MO**, Sikeston. (no date nor time listed) Good signal. ID "15-20 KMPL" and slogan "50 Years of Easy Listening." SNN news. [JE-MN]
- 1580 WWSJ **MI**, St. Johns. 1/1 good. 0754 with country music, spots for various merchants in St. Johns. [SA-MB]
- 1600 KLLZ **MN**, Walker. 12/31 fair to poor. 12/31 with a "KLZ" ID and spots for both downtown Walker and for Bemidji's Paul Bunyan Mall. New for me, ending the year with 1769 heard. [SA-MB]

DX TESTS

- 910 WSVI IA, Iowa City. 1/9 DX Test fair. 0100 with code and voice IDs. Mentioned the test was being conducted for the IRCA. [TJR-IL]
- 930 KIUP CO, Durango. 1/7 DX Test fair. 0715 with unusual TTs which sounded like pulsing beeps to me. Code IDs heard at 0722, 0730, and 0734. [SA-MB]
- 970(WWSW) PA, Pittsburg. 1/2 DX Test not heard here. Lots of WDAY and some XEJ and two unIDs. [SA-MB]
+1/2 DX Test not heard here. [TJR-IL]
- 1450(CHEF) PQ, Granby. 1/2 DX Test not heard here. [TJR-IL]

unID HELP

- 1610 unID [SA-MB]'s unID TIS. Mike Hardester said this would be **WFPF929** as per the just released TIS updater. Thanks Mike! John-John.
- 1680 unID [TMJ-IL]'s unID with the calls "MER I." Lots of help for Tom. Mike Hardester said this is MER-1685 per Ken Stryker's Aero Marine Beacon Guide. Location is Mercaderes, Cauca, Columbia. Power is 1000 watts. Herbert Newberry, Jr. also mentioned this is MER on 1685. And Herb Vauderbeck mentioned sometimes "MER I" and sometimes "MER E." The "MER" refers to Mercaderes. Hope Tom is pleased with this help! Thanks to Mike, Herbert, and Herb for your help! John-John.

25 YEARS AGO

January 31, 1970 issue of IRCA's "DX Monitor"...Bill Nittler of Englewood, CO counted his Mexican loggings. 144 with 71 verified....Bruce Portzer of Seattle, WA received a verie from WSB for state #34..Pat Martin of Warrenton, OR told about the KAST DX Test which he sat in on...Dave Bright of Muscatine, IA said he was 17. In his 4 years of DXing he had logged 1189 stations.

OPEN MIKE

If at first you do succeed -- try to hide your astonishment. Reading over the above, I wonder how many 17 year olds today have logged 1189 AM stations? January is just about over, but the season isn't! Turn on those receivers and report all your DX! 73, John-John.

PATRICK MARTIN

1800 Kc

Operating 24 Hours Daily

5000 Watts

THIS IS TO VERIFY YOUR RECEPTION ON

DECEMBER 1st, 1994



WE THANK YOU FOR THIS REPORT

CHIEF ENGINEER

TRANSMITTER: SECAUCUS, NEW JERSEY 07094
N. LAT. 40° 47' 44" W. LONG. 74° 03' 18"

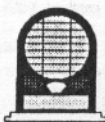
BROADCASTING CORPORATION

IRCA Reprints

The IRCA maintains a large file of articles which have appeared in past issues of DX Monitor. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. For a list of reprints, send \$1.00 to:

IRCA Reprints, c/o Steve Ratzlaff, 1885 E Bayshore Rd Sp 90, E Palo Alto CA 94303.

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Eastern DX Roundup

Editor: Mark McMillan
91 Hollis Avenue #2
North Quincy, MA 02171

RADIO ACTIVE INPUT

- (TF-CT) Tony Fitzherbert Fairfield CT 06432, Sangean ATS-803A
(LG-MT) Larry Godwin 2390 Clydes Dale Lane Missoula MT 59801
(KVV-GA) Karl V. Jeter 1890 Abinger lane Lawrenceville GA.30243
HQ 150, ATS-803A, 4" loop, Quantum loop
(DLR-KY) David Reitz 2523 S. Pope Lick Rd Louisville KY 40299
R-1000/Palomar loop.
(JD-AL) J.D. Stephens 1155 Old Monrovia #3E Huntsville, AL 35806-3510
Panasonic RF-2600 Sony ICF-2001 several longwires.

IN THE LOG

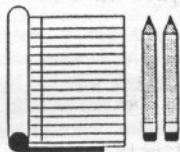
- 560 KLZ CO, Denver 1/2 0045 Rel Mx ID o/mess (DLR-KY)
570 KLIF TX, Dallas 1/1 1825 Lcl spots, promo for "Save the Rock" ID's
"Talk Radio 570 KLIF" good. (DLR-KY)
590 WLVA VA, Lynchburg 12/28 0845-0854 "AM-590 WLVA Lynchburg's New
Station" news/talk format, promo for Ken Hamblin talk show,
VA Tech "Hokie Update", "Wall St. Journal Report" (KVV-GA)
630 KJSL MO, St. Louis 12/12 2250-2315 Fair w/rel talk features, "KJSL
AM 630 St. Louis" ID's pgm promos. New stn #1000 (JD-AL)
760 KPMB CA, San Diego 12/11 0330-0342. Surprised to hear this w/local
call-in show, discussing San Diego Chargers football. Couple of
ID's Spots, New CA #12. (JD-AL)
860 WAEC GA, Alanta 12/14 0124-0130. Popped up out of nowhere w/pgm promo
slogan as "Love 86 WAEC" into Black Gospel. (JD-AL)
910 WFNS FL, Plant City 1/9 0105 "Sports Radio 910" Sports Radio Network
(KVV-GA)
920 WVOH GA, Hazelhurst 12/20 0612 Country Mx, Xmas greetings from local
merchants, "County-proud Chevy-Olds-Geo" spot w/Johnny Cash.
GA lottery update; all this w/WAFS nulled (KVV-GA)
940 WFAW WI, Fort Atkinson 12/12 2250-2316 Strong w/ "WFAW job mart" Job
search feature, Slogan "Your station for info, AM 940 WFAW"
into Larry King. (JD-AL)
970 WFUN OH, Ashtabula 1/2 1650 Commercial for John Deere farm equipment
and for Geneva Ford, beging of Cotton Bowl play by play, way over
WWDJ! TF-CT)
1010 WSPC NC, Albemarle 12/20 0659-0725 Numerous dual-ID's w/WZKY-1580
NBC Nx, EBS test and N.C. News Network Sports. (KVV-GA)
1030 WISL NY, Avon 1/8 1645-1700 Moneytalk ID for News Talk 1030 WISL,
full data sing off at 1700, including SSB, way over WBZ. (TF-CT)
1050 WNES KY, Central City 1/6 0252-0300 Good w/satellite country
"Pure Country WNES" Slogans (JD-AL)
1070 KFDI KS, Wichita 1/7 1810 C&W Mx, Lcl spots ID "Radio Ranch KFDI1070
AM stereo" Lcl spots, "KFDI Lucky Day Calendars" promo frequent
ID's xlint no WIBC (DLR-KY)
1140 KSSQ TX, CONROE 12/22 s/off 1845 after gospel Mx, "Heaven 1140" (KVV-GA)
1140 CBI NS, Sydney 1/2 1610 Folk mx time at 1615 and Canadian sports,
weak signal, never heard here before. (Finally something new!)
(TF-CT)
1210 KGYN OK, Guymon 1/8 0115 wx forecast, ID's Lcl spot, C&W mx fair w/
WGMP (DLR-KY)
1250 WCBL KY, Benton 1/4 1739-1757. Good at times w/all nx, Frequent
WCBL Newstime Ann, community bulletin board show (JD-AL)
1250 WTAE PA, Pittsburgh 1/9 0157-0205 Fair w/ads and PSA's, ID as "The
Home of the Chapion Pittsburgh Steelers. Newstalk 1250 WTAE,
Pittsburgh. into ABC news. (JD-AL)

- 1270 WDLA NY, Walton 1/4 1645 Country mx,promo for "Thru the Bible", must air religion too. (TF-CT)
- 1340 KZNG AR, Hot Springs 1/9 0205-0207 Faded up for Buick spot,local wx and a couple of "Newstalk 1340 KZNG" ID's Then gone.(JD-AL)
- 1400 WHUB TN, Cookeville 12/27 1045 very surprised to hear this w/local WVNF null'd; w/ment of "Cookeville Electric Dept." (KVJ-GA)
- 1430 WDRE TN, Germantown 12/30 2254-2300 Good w/rock mx,Tenn tourism promo's,1-800 # for requests,pgm promos// FM sister 94.3 in Germantown, not Little Rock,AR as reported in past DXM.(JD-AL)
- 1430 KQLL OK, Tulsa 1/2 0120-0206. Strong w/ "One-on-one sports" call-in pgm,frequent "Sports on cue,KQLL AM 1430 Tulsa" ID's CNN nx at top of hour. New,OK # 25. (JD-AL)
- 1430 WEIR WV, Weirton 1/7 1950 H.S. BB (Weirton Blue Dons vs Wellsville Tigers) Lcl spots for Catchel Fors and Craft Haven.(DLR-KY)
- 1430 WDEX NC, Monroe 1/7 1945 mixing w/ WEIR w/gos mx,lcl spots ID and promo for Ford Broadcasting coffee mug for \$1500, gave adr as POB 8146 Kannapolis NC.20803 (DLR-KY)
- 1440 WVMG GA, Cochran 12/27 s/off noted 1759 w/FM 96.7 ment (KVJ-GA)
- 1440 KMLB LA, Monroe 1/7 1747 Lcl spots ID,"Talk Radio AM 1440 KMLB Depend on it" into NFL FB.(DLR-KY)
- 1450 WMFJ FL, Daytona Beach 1/4 0000 Ending rel pgm,ID,"Your inspiration station,AM-1450 WMFJ, Daytona Beach,intoCBS nx (KVJ-GA)
- 1480 WRDW GA, Augusta Noted1/2 w/"Sports Radio Network" "1480 The Fan" and special annc't from Jeff Parker, CE" in the next few days you may notice our signal down a little... we are replacing out the main 320' tower with a new one..we are currently operating on a temporary one until our new tower is completed.." This was the best I hav ever heard them, with local WYZE almost non-existent at 1722 (KVJ-GA)
- 1490 WACH MA, West Springfield 1/2 time? Spanish,comm forSpringfield bus-ineses. Way atop WGCH! (TF-CT)
- 1550 WNTN MA, Newton 1/2 1625 Nice full data s/off at 1630 w/SSB(TF-CT)
- 1550 WTyr TN, Soddy-Daisy 1/8 2210 oldies mx,ID's "WTYR all Oldies 1550" Lcl spots forRainbow Mini Max Self Storage,into more oldies mx (DLR-KY)
- 1590 WFTH VA, Richmond 12/26 1620 Gospel mx promo for "Explosion 95",a Gospel Show, way atop freq for ten min. (TF-CT)
- 1600 WTZQ NC, Hendersonville 1/3 2050 NOS mx ID "Tune to Dave Hogan week-days 6-10 on WTZQ" into more mx..(DLR-KY)
- 980 KOKA LA, Shreveport 1/2 2020 SW LA vs Centennary college bb.ID "980 KOKA" Local spots (DLR-KY)
- 820 UNID ?? 12/31 1000 Station with oldies format looping E/W,gave EST TC, which seems imposible from my location due to latness of the hour. Then began station-produced (nonnetwork) newscast,leading off with Mass.item. (LG-MT)

DX TESTING

- 580 WIBW KS, Topeka 12/19 0200-0230 IRCA Test hrd loud and clear w/numerous CID's. (JD-AL)
- 760 CKQR BC, Caslegar 12/11 0300-0400 IRCA test not hrd. (JD-AL)
- 790 WEAQ WI, Eau Claire 12/12 0230-0300 IRCA Test heard w/CID's and instrumentals. (JD-AL)
- 910 WSUI IA, Iowa City 1/9 0100-0130 IRCA Test, Ratalling the speakers w/ a great signal! Lots of different ID's and liners (some from "the old days", old-time radio comedy,many greetings to DXers and CID's. A very well done test. (JD-AL)
+ 1/9 0100-0130 At times dominating freq. w/numerous VID's and CID's,promos,IRCA ment,mx and what sounded like a old radio air-check (KVJ-AL)
- 930 KIUP CO, Durango 1/7 0715-0745 IRCA test hrd several CID's mentioning Durango. New, CO # 8 (JD-AL)
- 950 WSPA SC, Spartanburg 12/12 0330-0400 IRCA test Hrd loud w/VID's and lengthy CID's March mx. (JD-AL)
- 970 WWSW PA, Pittsburgh 1/2 0016-0030 IRCA test. Tuned in to late due to orange Bowl and heard well w/ lengthy CID's ment Pittsburgh, voice annc't possible march mx. (JD-AL)
- 1330 WPPI GA, Carrollton 12/10 0515-0530 NRC test hrd fair s/lengthy CID's Polkas and VID's (JD-AL)
- 1340 CKGF BC, Grand Forks 12/11 0300-0400 IRCA test not hrd (JD-AL)

1450 CHEF PQ, Grandby 1/2 0040-0050 IRCA test hrd 2 weak CID's during this time frame. Shocked! Pat Martin say's he hrd them too. (JD-AL)
1590 WGYJ AL, Atmore 12/10 0100-0130 NRC test not hrd. Suprised, as this one is a sunrise regular here. Not needed. (JD-AL)
1590 WERA NJ, Plainfeld. 12/10 0430-0500 NRC test not hrd (JD-AL)



Eastern DX Forum

Richard C. Evans
P.O. Box 21883
Milwaukee, WI 53221-0883
Phone: 414-Atlantic 2-9035

DEADLINES: Saturdays thru 3/11, 3/25, 4/8, 4/29, 5/27, 7/1, 7/229, 8/19
Anniversary Issue: 2/25 at my address.

Eric Bueneman (NOUIH), 631 Coachway Lane, Hazelwood, Missouri 63042-1347 phone 314-839-9751, prepaid only! The beginning of the calendar year often brings changes to radio and TV dials all over the country, and in St. Louis, this is no exception. First off, on January 3, WKQB-1380 dropped its simulcast with its FM station between 1000 and 0200 CLT and added talk programming and news affiliation from NBC, calling themselves "Straight Talk, 1380". WKQB took over as the NBC affiliate in St. Louis from KFUP-FM 99.1 (last heard on AM in St. Louis on WRTH-590 (now KFNS)). Most notable additions are Tom Leykis (formerly of KFI-640 Los Angeles and WRKO-680 Boston, now nationally syndicated), never heard before in the St. Louis market, and Jim Bohannon, snatched from WIBV-1260. More talkers may be added in the future. On that same date, KSTL-690 began broadcasting in AM Stereo, the sixth station in the market to do so. It's Urban Gospel programming sounds so much better in AM Stereo. The major switch took place on January 6, when KSD-550 dropped CNN Headline News, along with Art Bell, Ross Perot, local talkers Steve Schlanger and Rich Dalton, and its simulcasts of KSDK-5's newscasts for SMN Nostalgia (the same format aired on WHLY-1580, KWA5-1230, et. al.). John Carney (son of the late radio legend Jack Carney) holds down morning drive, the rest of the day comes from SMN, with SNN news on the hour. The station is already promoting its advantages over its competition, a 5000 watt signal on a low frequency, resulting in a crystal-clear signal throughout the metro area, and its AM Stereo capability. WEW-770 is a 1000 watt daytimer, and WRTH-1430's signal cannot be heard in St. Charles County, not to mention that both still broadcast monaural audio. KSD's News/Talk format never really got the ratings they had hoped for, due in large part to the dominance of KMOX-1120 in that particular format. One popular talker, Art Bell, could be the next talker to land at WKQB-1380. The next big change comes on January 16, when KDNL-30, which added a 2100 CLT newscast on January 1, becomes a secondary affiliate of the new United Paramount (TV) Network. Their primary network will change from Fox to ABC in September, with Fox going to KTVI-2. It seems you can't tell your stations without a scorecard around January 1! Only one recent verie this time out, WRIB-1220 (RI #1 from any location!). DX was limited to FM and TV this time around (managed a big trop opening into IN, MI, OH and ON on December 26-27 and E-skip haul into ID on 12/31), but managed to add two new stations to my logbook on New Year's Eve. WSLM-1220 Salem, IN noted at 2255 CLT with a religious program from Clarksville, IN, AM/FM ID, "Auld Lang Syne" (it turned from 1994 to 1995 in the Salem area while I was listening), and into a sign-off and prayerful disclaimer (starting with "We pray we didn't offend anyone today!") taking out WKNR and WLPO. 2325 brought KCJJ-1560 Iowa City, IA with '80s rock music and mentions of "1560 KCJJ" and AM Stereo, mixing with WPAD. Until next Forum, 73 and good DX from NOUIH.



Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

Gary Larson, 2806 Lincoln, Burbank CA 91504
818-845-8222

[1/7] Hello. Hope holidays went well. Much rain here past few weeks causing problems. Helpful for AM; tried dxing in Lancaster on Jan 6 and noted a TIS on 1610. Tried on FM and heard some unfamiliar ones. 700 KFAM in well for periods. 1380 locally there was talk but weaker signal. Saw the IRCA ad in LA Radio Guide. Hope this generates a few new members. 850 KCTQ seems to be still on w/R. Aahs. Does anyone have a current address for Ted Fleishaker? I have tapes to mail him. Nice to hear 610 KAVL days on car radio here. Thanks to Mike Riordan for tip on KOMA oldies pgm of seldom heard songs. Hope new loc. is good for dx as well as surroundings. 73

John C. Johnson, 979 Neptune Blve, Billings MT 59105-2129
406-259-9210 E-Mail: JohnJ53815@aol.com

[1/10] Recent veries KXED-1540 for the DX Test 1/10/94. Nice to have this station verified. The verie arrived on Christmas Eve, the form letter was dated March 1, 1994! Better late than never. More timely was a verie from KKSC-1470 for a logging last month. 73, John-John

Gary Jackson, 7735 Center Prkwy, Sacramento CA 95823

[1/6] Just received one of my most wanted TIS/HAR veries on 1610 kHz. It is Midstate Fair Information Radio, Paso Robles, CA! On only a week to 10 days a year. Tried three times with letters and prepared cards to Fairgrounds address but no answer. Tried Chamber of Commerce, Paso Robles with prepared card and 4 days later I received a verie. So I believe I am the only one to ever verify this station. Still cannot verify 1610 Oregon State University after many trys. 73's Gary

-----32-20-----



The NRC AM Radio Log, 15th Edition, is the standard listing of AM radio stations in the U.S. and Canada. Cross-referenced, 3-hole punched for standard binders. Only \$16.95 to U.S. and Canadian IRCA/NRC members; \$19.95 to U.S. non-members; \$20.95 Canadian non-members. Airmail: to Latin America, \$21.00; Europe, \$24.00; rest of the world: \$28.00.

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Updater 5.6 features the most complete listing of Travelers Information Stations (TIS) ever produced. The 32-page listing includes every known TIS station in the US and Canada between 530 and 1710 kHz and even some on FM. Updater 5.6 also includes the FCC Allotment List for stations assigned to the new expanded AM band, 1610 to 1700 kHz. Stations are listed by new frequency, old frequency, and city/state. Those who DX the band from 1600-1710 kHz will find this reference indispensable.

Updater 5.7 features a complete 42-page AM and FM station slogan list, plus current station lists for the Tom Leykis, David Brenner, Pat Buchanan, and Larry King talk shows.

Special prices for these two updaters: \$3 each in the US and Canada, \$4 elsewhere. Order either or both updaters from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

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Backup off me...It's now somewhere in 1994, or is it 1995? Whatever it is, lots of indoor sports are in play, from major junior hockey to minor league basketball to box lacrosse. And information on who's broadcasting them with what announcers is needed by hundreds of MW DXers, like Tom Leykis (hi), to help ID that elusive station. Well, this is the repository for such stuff, so send it here. Remember, 32¢ from the USA, maybe 52¢ from Canada, to see your name in lights, or print, like these folks...

PLAYERS OF THE WEEK: Eric Bueneman, MO; *DX Monitor*; *M Street Journal*; *SRDS Radio Advertising Source*; *IPTAY* (I Pay Thirty A Year) *Report*; *AHL Official Guide and Record Book 1994-95*; *1994-95 IHL Official Guide and Record Book*; *The 1994-95 NPSL Media Guide*; various newspapers.

UNIVERSAL SYMBOLS: Flagship stations are highlighted. (=) AM-FM simulcast. (+) Relays another AM. (*) Daytimer. (n) Daytimer with nighttime permit. (!) Under 100 watts at night. (p) Partial schedule; dates unknown. (w) Weekends (Sats./Suns.) only. (h) Home games only. (S) In AM stereo. Others explained below.

COLLEGE BASKETBALL

Arizona SU SUN DEVILS (direct)			Tom Dillon, Brad Cesmat		
600 aKVNA-AZ	660 KTNN-AZ	' ' KATO-AZ	1340\$ KIKO-AZ	1490 KYCA-AZ	
<u>620</u> <u>KTAR-AZ</u>	970 nKVWM-AZ	1270 KDJI-AZ	1400 KTUC-AZ	1600 *KVRD-AZ	
	1230 KAAA-AZ		1450 KDAP-AZ		
	FM:		<u>98.7</u> bKKLt-AZ		

NOTE: (a) Moved from 690 kHz. (b) Back-up station for seven games when conflict on KTAR (i.e., Phoenix SUNS basketball) occurs.

Clemson U. TIGERS (direct via IPTAY)			UNAVAILABLE		
620 rWTRP-GA	980 WAZS-SC	1270 nWBHC=SC	1420 !WCRE-SC	1520 nWKMG-SC	
740 *WBAW=SC	' ' nWBZK=SC	1390\$ WXTC-SC	1430 WBLR=SC	1590\$nWCAM-SC	
	1240 WLSC-SC		1500 *WEAC-SC		

—FM—

92.1 WJRQ=SC	96.3 WGOG=SC	98.5 WDAI=SC	100.9aWGTN=SC	103.1 WOMG=SC
<u>93.7</u> <u>WFBC=SC</u>	96.7 WSCZ=SC	99.1 WBAW=SC	102.7 WAJY=SC	' ' WBHC=SC
93.7 WKHT-SC	98.3 WWKT-SC	100.1 WWFN=SC	102.9 WTGL=SC	106.9 WHHR=SC

STUDIO HOST: Don Munson. SYNDICATOR: Multimedia/Clemson Sports Network.




NOTES: (r) May be under 100 watts at night. (a) Listed also as WDAI by school; 100.9 may be relay.

U. of Hawai'i RAINBOWS (direct)			Bob Hogue, Jeff Portnoy		
670 pKPUA-HI	720 KUAI-HI	790 rKKON-HI	1110\$rKAOI-HI	<u>1420</u> <u>KCCN-HI</u>	

SYNDICATOR: Broadcast Ink/Rainbow Sports Radio. NOTE: On some road games, Dave Iverson handles all play-by-play duties. (r) Select road games only.

U. of New Hampshire WILDCATS (direct)			George Hale		
930 WZNN-NH	<u>1450</u> <u>WKXL=NH</u>		FM:	<u>102.3</u> <u>WKXL=NH</u>	

INTERNATIONAL HOCKEY LEAGUE

790\$ WQXI-GA	Atlanta KNIGHTS [TBay]			Dan Kamal
92.7 WCBR-IL	Chicago WOLVES [Indpt] ¹			Judd Sirott
1360 WAOZ-OHA	Cincinnati CYCLONES [Fla]			Terry Ficorelli
1300 WERE-OH	Cleveland LUMBERJACKS [Pitt]			Tom McGinnis
92.1 KYBG-CO	Denver GRIZZLIES [Islanders] ²			Steve Harms, Mike Haynes
1310 WDOZ-MTB	Detroit VIPERS [Indpt] ³			John Ahlers
1190\$ WOWO-IN	Fort Wayne (IN) KOMETS [Indpt]			Bob Chase
1230 KNUZ-TX	Houston AEROS [Indpt] ²			Adam Gordon
1430\$ WMYS-IN	Indianapolis BUDWEISER ICE [Chic]			Ken Double
96.5 WFAT-MI	Kalamazoo (MI) WINGS [Dal]			Mike Klein
980 KMBZ-MO	Kansas City BLADES [SJ]			Bob Kaiser
1460 KENO-NV	Las Vegas THUNDER [Indpt]			Kevin Gallant
1130 WISN-WI	Milwaukee ADMIRALS [Indpt]			Doug Pettit
1130 KFAN-MN	Minnesota MOOSE [Indpt] ⁴			Greg Harrington
950 KJJO-MN	{ Backup station }			
102.3 WTAZ-IL	Peoria (IL) RIVERMEN [StLo]			Mark Shelanski
1360\$ KGME-AZ	Phoenix ROADRUNNERS [LA]			Bob Heethuis
1170\$ KCBQ-CA	San Diego GULLS [Anah]			Norm Ulrich

NOTES: (a) Affiliate: 910 WPFB-OH. (b) Formerly WMTG. 1. Expansion team; plays in Rosemont, IL. (cont'd)

2. Expansion team. 3. Formerly Salt Lake GOLDEN EAGLES [StLo] of Salt Lake City (players now with Denver); plays in Auburn Hills, MI. 4. Expansion team; plays in St. Paul.

The IHL was founded in 1946 for players of the Detroit-Windsor, ON area returning from World War II. Formerly a Class AA league, the IHL climbed in stature after the old Western and Central leagues folded, while expanding coast to coast. Now with teams in 14 major markets, including two with National Hockey League teams, it appears the IHL is filling a void left by the striking NHL. The IHL has added Daly City, CA and Orlando, FL for next season.

Kalamazoo WINGS (per IHL)				Mike Klein
980	WQXC=MI	1230	WMSH=MI	1260 WALM=MI 1440 WDW=MI
—FM—				
92.1	WDOW=MI	<u>96.5</u>	<u>WFAT=MI</u>	99.3 WMSH=MI 100.9 WQXC=MI

AMERICAN HOCKEY LEAGUE

Hershey BEARS (per AHL)				Dave Mishkin
<u>1230</u>	<u>WKBO=PA</u>	1270	WLBR=PA	1350 WOYK=PA

Portland PIRATES (per AHL)				Tom Caron
1240	WTME+ME	1340	WFAU=ME	1400 WIDE=ME <u>1440</u> <u>WLPZ=ME</u> 1450 WKTQ=ME

92.7	WOXO=ME	96.7	WCME=ME	100.7	WTBM=ME
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Saint John's MAPLE LEAFS (partial; projected)				Aaron Kennedy
560	CHVO-NF	<u>590\$</u>	<u>VOCM-NF</u>	650 CKGA-NF 710 CKVO-NF 740 CHCM-NF

SATELLITE: Anik E2, transponder 12A, 6.2 mHz downlink (4.160 band C horizontal polarization).

Springfield FALCONS (per AHL)				Don Orsillo
560	WHYN=MA	<u>640</u>	<u>WNNZ=MA</u>	FM: 102.1 WAQY=MA



NATIONAL PROFESSIONAL SOCCER LEAGUE

1360	WWLG-MD	Baltimore SPIRIT	Gary Stein, "Nasty" Nestor Aparicio
1400	WWWS-NY	Buffalo BLIZZARD	Clip Smith, Darian Chapman
UNAVAILABLE		Chicago POWER ¹	Judd Sirott
1420	WHK—OH	Cleveland CRUNCH	Mark "Munch" Bishop
1400\$	WTCY=PAA	Harrisburg (PA) HEAT	John Wilsbach
1340	KNHN-KSB	Kansas City ATTACK	Bob Kaiser
1250\$	WEMP-WI	Milwaukee WAVE	Tom Wynn
590\$	KFNS-IL	St. Louis AMBUSH	Robert Fischer
1480\$	KZSN-KS	Wichita (KS) WINGS	UNAVAILABLE



AFFILIATES: (a) 88.3 WWEC-PA, 90.7 WVMM-PA, 91.1 WMSS-PA. (b) 1340 KPHN-KS.
 NOTES: No radio for Canton (OH) INVADERS, Dayton (OH) DYNAMO, Detroit ROCKERS. 1. Plays in Rosemont and Rockford, IL.

The NPSL began in 1984 as the American Indoor Soccer Association (AISA), a feeder league for the Major Indoor Soccer League (MISL). The AISA took the present name in 1990. When the MISL folded in 1992, some teams moved to the NPSL while others helped found the Continental Indoor Soccer League (CISL).

COLLEGE FOOTBALL

Arizona SU SUN DEVILS (direct)				Tom Dillon, Greg Schulte			
580	KFXD-ID	660	KTNN-AZ	1270	KDJI-AZ	1450	KTUC-AZ
600	aKVNA-AZ	970	nKVVM-AZ	1240	KCVL-WA	1340\$	KIKO-AZ 1450 KDAP-AZ
<u>620</u>	<u>KTAR-AZ</u>	1230	KAAB-AZ	1400	KRVZ-AZ	1490	KYCA-AZ

STUDIO HOST: Dap Manucci. NOTE: (a) Moved from 690 kHz.

POINTS: NBA Radio, syndicated by Dick Brescia Associates ("Stan Freberg Here," "When Radio Was"), returns Jan. 22 with the Houston @ Chicago game. NBAR will carry the All-Star Game, all conference finals and the championship series. Joe McConnell again does play-by-play for the games, also seen on NBC-TV...Champion Sports' "Sports Byline USA" is now in the college football biz; the Shrine East-West All-Star game Jan. 14 will be called by host Ron Barr and Ronnie Lott... "The Pete Rose Show" has been traded by Katz Radio Group to SportsFan Radio Network for cash and a host to be named later, hi. During the changeover One On One Sports briefly carried the program. Rose is now on at 1900-2100 ELT, though apparently no station from Cincinnati, Montreal, Philadelphia or even the show's homebase of Boca Raton, FL carries him.

So much for 1994. Apart from missing live coverage of O.J. Simpson's rush, it's been an interesting year for me. Make 1995 better by contributing. Til then, this has been me, the unfabulous sports boob, saying va-bye!

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HEARING IT THROUGH THE GRAPEVINE

SHAWN AXELROD 30 BECONTREE BAY WINNIPEG MB R2N 2X9 204-253-8644

DEADLINE ONE MONTH AFTER PUBLICATION

CONTIBUTORS

MIKE SANBURN P O BOX 1256 BELLFLOWER CA 90707

DALE PARK P O BOX 22778 HONOLULU HI 96823 **WELCOME**

BRUCE CONTI 46 RIDGEFIELD DR, NASHUA NH 03062-1174 **WELCOME**

LARRY GODWIN 2390 CLDES DALE LANE, MISSOULA MT 59801

MIKE HARDESTER 3118 GAITWAY COURT, JACKSONVILLE NC 28546-6973

YE OLDE EDITOR AS ABOVE

FREQUENCY 1540 KHZ

MIKE SANBURN HEARS:

KXED LOS ANGELES CA	LOCAL	KXEL WATERLOO IA	MM'S IN THE PAST
KASA PHEONIX AZ	SRS OFTEN	KRXV FORT WORTH TX	MM'S IN 1975
KZAM BELLEVUE WA	MM'S IN 1975	XEHOS HERMOSILLO MEX.	NITES THRU KXED
KLAU CAPITOLA CA	OCC NITES 1991		

DALE PARK, HONOLULU:

KISA HONOLULU HI	LOCAL	KZLA LOS ANGELES CA	NITES IN KISA SP
KMBY CAPITOLA CA	UNDER KSKQ ALSO HEARD AS:KMBY,KLAU,KNZR		

DALE PARK,IRVINE CA 1979-80:

KPOL/KZLA LOS ANGELES CA LOCAL

DALE PARK, EVANSTON IL 1987-88:

KXEL WATERLOO IA	DOMINANT NITES	WPTR ALBANY NT	TWICE O/U KXEL
------------------	----------------	----------------	----------------

BRUCE CONTI SENDS US:

KXEL WATERLOO IA	SRS DX	WMYF EXETER NH	DATTIME LOCAL
WPTR ALBANY NY	NITE REGULAR	WPGR PHILADELPHIA PA	SSS
WADK NEWPORT RI	DAYTIME DX	CHIN TORONTO ON	NITE REGULAR
ZNS1 NASSAU BAHAMAS	AURORAL DX		

MIKE HARDESTER MODESTO CA:

CHIN TORONTO ON	FROM CA,CO & PA	KPOL LOS ANGELES CA
KXEL WATERLOO IA	FROM CA 1969 AND FROM CO,NC,& PA	

YE OLDE EDITOR

CHIN TORONTO ON	MANY NIGHTS	XEHOS HERMOSILLO MEX	RARE NIGHTS
WTKM HARTFORD WI	RARE	WSMI LITCHFIELD IL	HEARD ONCE
WPTR ALBANY NY	HEARD ONCE	KXEL WATERLOO IA	PEST
KXED LOS ANGELES CA	SOME SRS	KLSY BELLEVUE WA	RARE SRS

COUNTRY: MEXICO

MIKE SANBURN SENDS IN THIS MEGA LIST #1:

540 XEWA SAN LUIS POTOSI	540 XETIN TIJUANA
580 XEFI CHIHUAHUA	650 XETNT LOS MOCHIS
690 XETRA TIJUANA	710 XEDP CUAUHTEMOC
730 XEX MEXICO DF	760 XENY NOGALES
760 XEEB ESPERANZA	770 XEATH MONTERREY
800 XEROK JUAREZ ALSO AS XELO	800 XEMMM TIJUANA
810 XERSV CD. OBEREGON	820 XEYX MEXICALI
830 XEVQ CULIACAN	850 XEUS HERMOSILLO
850 XEFZ MEXICALI	860 XEMO TIJUANA
860 XEUN MEXICO DF	880 XEPNK LOS MOCHIS
890 XENZ CULIACAN	900 XEW MEXICO DF
910 XEAO MEXICALI	920 XESDA ENSENADA

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950	XEKAM	TIJUANA	ALSO AS XEGM	950	XEPB	HERMOSILLO	
970	XEJ	CD. JUAREZ		990	XECL	MEXICALI	
1000	XEOY	MEXICO DF		1000	XEMIL	LOS MOCHIS	
1010	XEDX	ENSENADA		1040	XEHES	CHIHUAHUA	
1050	XED	MEXICALI		1050	XEG	MONTERREY	
1050	XEBCS	LA PAZ		1090	XEPRS	ROSARITO	
1110	XEVS	HERMOSILLO		1150	XERM	MEXICALI	
1170	XEYH	HERMOSILLO		1180	XEFR	MEXICO DF	
1250	XEDL	HERMOSILLO		1260	XEMW	SAN LUIS RIO DE COLORADO	
1260	XESA	CULIACAN		1270	XEAZ	TIJUANA	
1310	XEC	TIJUANA		1340	XEAA	MEXICALI	
1350	XELBL	SAN LUIS RIO DE COLORADO		1380	XEKT	TECATE	
1400	XEPF	ENSENADA		1420	XEXX	TIJUANA	
1450	XECB	SAN LUIS		1470	XERCN	TIJUANA	ALSO XEVIP
1540	XEHOS	HERMOSILLO		1550	XENU	NUEVO LAREDO	
1550	XEBG	TIJUANA		1560	XEFAJ	MEXICO DF	ALSO XEVIP
1560	XEJPV	JUAREZ		1570	XERF	CD. ACUNA	
1580	XEDM	HERMOSILLO		1590	XEHC	ENSENADA	
1600	XETCT	TECATE					

(WHAT A GREAT LIST THANKS-EDITOR)

DALE PARK HONOLULU HI:

540	XEWA	SAN LUIS POTOSI	IRREGULAR NITES	U/KIEZ/CBK			
690	XETRA	TIJUANA	U/CBU IN KQMQ SP	730	XEX	MEXICO DF	FREQUENT
800	XEROK	JUAREZ	SOME NITES	1090	XEPRS	ROSARITA BCH	IRR NITES
1570	XERF	CD. ACUNA	DOMINANT NITES				

DALE PARK IRVINE CA 1979-80:

540	XEWA	SAN LUIS POTOSI	DOMINANT NITES	690	XETRA	TIJUANA	SEMI-LOCAL
730	XEX	MEXICO DF	FREQUENT	790	XESU OR XENT		UNID YET
800	XEROK	JUAREZ	DOMINANT NITES	900	XEW	MEXICO DF	NITES
950	XEKAM	TIJUANA	SEMI-LOCAL	1090	XEPRS	ROSARITA BCH	SEMI-LOCAL
1220	XEB	MEXICO DF	FREQUENT	1570	XERF	CD. ACUNA	FREQUENT

DALE PARK, EVANSTON IL 1979-80:

1570	XERF	CD. ACUNA	DOMINANT
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BRUCE CONTI:

540	XEWA	MONTERREY	730	XEX	MEXICO DF
900	XEW	MEXICO DF	940	XEQ	MEXICO DF

LARRY GODWIN SENDS IN MEGA LIST #2:

540	XEWA	SAN LUIS POTOSI	REG. AM'S & EVES	690	XETRA	TIJUANA	REG. AM'S
710	XEDP	CD. CUAHTEMOC	FREQ. EVENINGS	730	XEX	MEXICO DF	REG NITES
760	XENY	NOGALES	FREQ. EVENINGS	800	CD. JUAREZ		REG NITES
810	XEFW	TAMPICO	RARE SRS	820	XEYX	MEXICALI	FREQ AM'S
820	XEBA	GUADALAJARA	RARE SRS/NITES	830	XEVQ	CULIACAN	RARE SRS
830	XELK	ZACATECAS	HEARD ONCE	850	XEZP	MEXICALI	RARE SRS
860	XEMO	TIJUANA	REGULAR	870	XETAR	GUACHOCHIC	RARE/SRSEVES
880	XEV	CHICHAUHUA	RARE	890	XENZ	CULIACAN	RARE EVES
900	XEW	MEXICO DF	REGULAR	910	XEAO	MEXICALI	RARE EVES
920	XESDA	ENSENADA	HEARD ONCE	940	XEQ	MEXICO DF	RARE SRS
950	XEKAM	TIJUANA	RARE EVES	950	XECAL	CELAYA	HEARD ONCE
970	XEJ	CD. JUAREZ	RARE NITES	990	XECL	MEXICALI	REGULAR
990	XET	MONTERREY	RARE SRS	990	XEPF	XALPA	RARE
1000	XEFL	CD. JUAREZ	FREQ. EVES.	1000	XEOY	MEXICO DF	FREQ
1010	XEHL	GUADALAJARA	SEMI-RARE	1030	XEQR	MEXICO DF	SEMI RARE
1030	XEMPM	LOS MOCHIS	HEARD ONCE	1040	XEBBB	GUADALAJARA	FREQ
1050	XED	MEXICALI	FREQ	1060	XEEP	MEXICO DF	RARE
1080	XEDY	SAN LUIS RIO COLORADO	RARE SRS	1090	XEPRS	ROSARITO	REGULAR
1110	XERED	MEXICO DF	REGULAR	1120	XEMX	MEXICALI	RARE
1130	XETOL	TOLUCA	SEMI RARE SUMMER	1130	XEHN	NOGALES	RARE
1150	XEAD	GUADALAJARA	RARE	1170	XEYH	HERMOSILLO	RARE
1190	XEWK	GUADALAJARA	RARE	1220	XEB	MEXICO DF	REGULAR
1430	XEOX	CD. OBREGON	HEARD ONCE	1470	XESM	MEXICO DF	HEARD ONCE

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1500	XEAI	MEXICO DF	RARE	1500	XEGN	PIEDRAS NEGRAS	RARE
1520	XEEH	SAN LUIS RIO	COLORADO RARE SRS	1530	XEUR	MEXICO DF	RARE
1540	XEHOS	HERMOSILLO	RARE	1560	XEJPV	CD JUAREZ	SEMI-RARE
1570	XERF	CD ACUNA	RARE	1580	XEDM	HERMOSILLO	REGULAR
1620	XERI	REYNOSA	IN 1992				

MIKE HARDESTER FROM MODESTO AND SAN DIEGO CA:

540	XEWA	SAN LUIS POTOSI	MODESTO 1971	730	XEX	MEXICO DF	IN 1970
790	XESU	MEXICALI	SAN DIEGO 1970	800	XEROK	CD. JUAREZ	IN 1970'S
800	XEMMM	TIJUANA	IN 1970'S	860	XEMO	TIJUANA	IN KTRB SP
1010	XEDX	ENSENADA	IN 1970'S	1090	XEPRS	TIJUANA	IN 1971
1090	XERB	ROSARITO BCH	IN 1968	1220	XEB	MEXICO DF	ONCE IN 1971
1420	XEXX	TIJUANA	IN 1970'S	1550	XEBG	TIJUANA	IN 1970'S
1570	XERF	CD. ACUNA	IN 1970'S				

BANDSCAN

DALE PARK HONOLULU HI GIVE US A BANDSCAN OF FREQUENTLY HEARD STATIONS:

531	2MC	W. KEMPSEY, AUSTRALIA	540	2AP	APIA, SAMOA
549	2CR	ORANGE, AUSTRALIA	558	RADIO 1	SUVA FIJI
558	JOIK	SAPPORO, JAPAN	567	2YA	WELLINGTON, NEW ZEALAND
576	2RN	SYDNEY, AUSTRALIA	594	JOAK	TOKYO, JAPAN
603	HLSA	SEOUL, KOREA	612	4QR	BRISBANE, AUSTRALIA
630	4QN	TOWNSEND, AUSTRALIA	630	2YZ	NAPIER, NEW ZEALAND
639	RADIO 1	LAUTOKA, FIJI	648	WVUV	LEONE, AM. SAMOA
657	PBS	KANGNAN, NORTH KOREA	657	2YC	WELLINGTON, NEW ZEALAND
666	RFO	NOUMEA, NEW CALEDONIA	675	3YA	CHRISTCHURCH, NEW ZEALAND
684	RADIO 1	LABASA, FIJI	693	JOAB	TOKYO, JAPAN
702	2BL	SYDNEY, AUSTRALIA	711	HLKA	SEOUL, SOUTH KOREA
720	4YZ	INVERCARGILL, NEW ZEALAND	738	RFO	PAPE'ETE TAHITI
738	2NR	GRAFTON, AUSTRALIA	747	JOIB	SAPPORO, JAPAN
747	4QS	TOOWOOMBA, AUSTRALIA	756	1YA	AUCKLAND, NEW ZEALAND
774	3LO	MELBOURNE, AUSTRALIA	774	RADIO 2	SUVA, FIJI
774	JOUB	AKITA, JAPAN	792	4RN	BRISBANE, AUSTRALIA
810	RADIO 2	LABASA, FIJI	810	4YA	DUNEDIN, NEW ZEALAND
819	1YZ	ROTORUA, NEW ZEALAND	855	4QO	EIDSVOLD, AUSTRALIA
855	4QB	MARYSBOROUGH, AUSTRALIA	864	4ZA	INVERCARGILL, NEW ZEALAND
873	JOGB	KUMAMOTO, JAPAN	882	1YC	AUCKLAND, NEW ZEALAND
882	4BH	BRISBANE, AUSTRALIA	891	RADIO 2	LAUTOKA, FIJI
891	5AN	ADELAIDE, AUSTRALIA	918	3YZ	GREYMOUTH, NEW ZEALAND
954	JOKR	TOKYO, JAPAN	954	2UE	SYDNEY, AUSTRALIA
963	3YC	CHRISTCHURCH, NEW ZEALAND	972	HLCA	TANGJIN, SOUTH KOREA
1008	1ZD	TAURANGA, NEW ZEALAND	1017	A3Z	NUKU'ALOFA, TONGA
1035	3ZB	WELLINGTON, NEW ZEALAND	1044	4ZB	DUNEDIN, NEW ZEALAND
1044	CHINA R.	CHANGZHOU, CHINA	1053		HAEJU, NORTH KOREA
1080	1ZB	AUCKLAND, AUSTRALIA	1098	WSZO	MA'JRO, MARSHALL IS
1107	2UW	SYDNEY, AUSTRALIA	1134	JOGR	TOKYO, JAPAN
1152	3ZC	TIMARU, NEW ZEALAND	1170	HLR	KIMJE, SOUTH KOREA
1170	2CH	SYDNEY, AUSTRALIA	1206	CHINA R.	YUNNAN, CHINA
1224	AFTRS	KWAJALEIN, MARSHALL IS	1233	2NC	NEWCASTLE, AUSTRALIA
1242	JOLF	TOKYO, JAPAN	1278	3AW	MELBOURNE, AUSTRALIA
1332	4BU	BUNBURY, AUSTRALIA	1440	JOWF	SAPPORO, JAPAN
1476	R. MOSCOW	VLADIVOSTOK, RUSSIA	1512	2NA	NEWCASTLE, AUSTRALIA
1548	4QD	EMERALD, AUSTRALIA	1557	????	MARSHALL IS MYSTERY STATION
1566	HLAZ	CHEJU, SOUTH KOREA	1575	VOA	BANGKOK, THAILAND

A GREAT BANDSCAN LOOKING AT AN AREA WE NEVER HAVE BEFORE THANKS .

NEXT TIME AROUND WE WILL FEATURE:

FREQUENCY.....1380 KHZ

COUNTRY.....COLUMBIA

REMEMBER ON A CLEAR DAY YOU CAN HEAR FOREVER

MWDX-6 Phasing Unit

Mark Connelly - WA1ION - 12 SEP 1994

Introduction

The MWDX-6 provides antenna phasing with improved signal-to-noise ratios at low-signal rural locations. Two BUF-A buffer amplifiers are used: one on each antenna input line. Active capacitively-coupled (AC) and active inductively-coupled (AL) functions provide high gain and good coupling with a wide variety of input loads / antenna lengths. The passive capacitively-coupled (PC) function allows the MWDX-6 to be used at urban sites where amplification is not desirable. The unit also offers a bypass (BP) function which routes the antenna input around the tuned circuits. This is advantageous for rapid bandscanning / parallel-frequency checking, also the BP function is used when the output from a loop antenna supplies signal. The antenna coupling function is independently selectable for each of the two antennas. Usually the same function would be chosen for both lines; exceptions to this rule would be in loop-versus-wire or longwire-versus-shortwire phasing applications.

Future buffer card designs may be swapped into the unit later without changing other features. If amplifiers with substantially - better noise figures or superior intermodulation-distortion (IMD) specifications become available, such a swap would be desirable. As it stands, the current MWDX-6, with two BUF-A's, performs well. Two of the low-IMD whip amplifiers currently under design and evaluation by Dallas Lankford may suit this application.

Noise-reducing antenna considerations have been accommodated by the inclusion of two isolation transformers (T1, T2) on the inputs. When suitable "quiet" grounds or counterpoise wires are part of the antenna layout, one or both transformers can be switched in to reduce local electrical noise. The noise-reduction (NR) input mode may be used for low-noise balanced antenna inputs as well. Remote-site noise-reducing matching-transformer / pad outputs can be connected via coaxial cable to J1 / J3 or J2 / J4. If Input mode switches S1 and S2 are set to the Noise-Reduction (NR) mode, the phasing unit may be interfaced correctly with coaxial inputs from low noise antenna systems consisting of a wire antenna and a "field site" earth ground fed to the primary of a (field site) step-down transformer in the 4:1 to 12:1 range; either a Mini-Circuits T9-1-X65 or Nick Hall-Patch's homebrew version consisting of an Amidon FT50-43 core with 35 turns primary / 11 turns secondary will work well. The lower impedance output of this field-site transformer is paralleled with 270 to 330 ohms; one secondary lead goes to the shield of the coaxial cable going to the operator's "shack" and the other secondary lead goes to the center conductor of this coaxial cable through a small series resistor in the 5 to 12 ohm range. The resistors form a low-loss matching pad to reduce the degree of mismatch. Excessive mismatch can compromise the shielding effectiveness of the coaxial cable. One such low-noise set-up can be phased against a loop or, even better, against a second low-noise antenna system with different directional properties. In any event, the "shack end" of a Line 1 low-noise coaxial feed is connected to J1 (center) and J3 (shield) of the phasing unit; similarly, if such a coaxial feedline is to be used for Line 2, it should be connected to J2 (center) and J4 (shield).

For further discussion of noise-reduction schemes, the reader is advised to consult my articles "*Another Look at Noise-Reducing Antenna Systems*" (6 JUL 1992),

A

"Bevmatcher" (15 JAN 1991), and "Antenna Experiments - Summer 1994"; also, check the Nick Hall-Patch / John Bryant article "Impedance Matching a Beverage Antenna to a Receiver" in Proceedings 1988, and the 1991 noise-reducing inverted-L articles by Dallas Lanford and Denzil Wraight. The reader should be advised that the noise being reduced is LOCAL electrical noise of the type caused by TV sweep oscillator harmonics, light dimmer buzz, and the like. These antenna systems cannot, singly, reduce static from lightning bolts. Such noise CAN be nulled by phasing two antennas if it is coming from far enough away as to approximate a point source not having great incoming-angle variation over time (it is then treated as a "dominant signal" as if it were a broadcast station interfering with desired DX).

The MWDX-6 (unlike Super-MWDX-5) separates the noise-reduction / normal input mode selections from the coupling-function settings. This allows more versatile tuning of noise-reduced antennas.

Because buffer amplifiers are used, there is no need for the series-tuned input configuration requiring the tuning capacitors to be isolated from chassis ground. The longer wires for which series-tuning worked best will tune quite efficiently in the active inductively-coupled (AL) function.

As with previous phasing units, nulls can be obtained which are difficult or impossible to obtain with a loop. Nulls created by phasing are often single-direction nulls; the directional pattern created thereby can approximate the cardioid or end-fire patterns most useful for international medium-wave DXing from the Atlantic and Pacific coastal areas of the USA and Canada. There are a few circumstances when a loop will do better. So it's advisable to have both a loop and a phased-wires (or loop-versus-wire) system available for optimum DXing results.

Wire antennas used should be at least 20 m / 66 ft. long. If two wires are used, there should be an MINIMUM angle of 45 degrees (horizontal and/or vertical) between them for best results. An exception to this rule can be made for Beverage-length (over 250 m / 820 ft.) wires, especially if of different length or if one is terminated and the other is "floating". Good nulls were obtainable by phasing two parallel Beverages during the October 1993 Newfoundland DXpedition.

IRCA Mexican Log, 3rd Edition, Now Available!

After months of preparation, IRCA has published the 1994 edition of the IRCA Mexican Log.

The log lists all AM stations in Mexico by frequency, giving call letters, state, city, day power, night power, slogans, schedule in UTC/GMT, formats, networks, and notes. Stations that have changed frequency since 1990 are cross-referenced on the old frequency.

The call letter index gives call, frequency, city and state. The city index (listed by state, then city) gives frequency, call, day and night power. There is even a guide to the Spanish alphabet and numbers.

The log has been completely updated from the 1990 edition and carefully cross-checked by IRCA members in Mexico and the U.S. This is an indispensable reference for anyone who hears Mexican radio stations.

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Non-Member: \$8 U.S./Canada/Mexico/seamail, \$9 rest of the Americas airmail, \$9.50 Europe/Asia airmail, \$10 Australia/New Zealand airmail.

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PO Box 1831 Perris CA 92572-1831

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1720 khz). **DX Monitor**, the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

CLUB ADDRESSES AND OFFICERS

President: Bill Hardy, 2301 Pacific Ave, Aberdeen WA 98520 (206) 532-6827 (proposals)
Secretary-Treasurer: Ralph Sanserino, PO Box 1831, Perris, CA 92572-1831 (dues/address changes)
Board of Directors: Shawn M Axelrod, Richard Evans, Larry Godwin, Michael S Hardester, John C Johnson (chairman), Patrick Martin and Robert Wien
Editor-in-Chief/Publisher: Ralph Sanserino, PO Box 1831, Perris, CA 92572-1831
Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117

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