



DX NEWS

*the magazine of the
National Radio Club*

SINCE 1933

VOLUME 51 ISSUE 23 MARCH 19, 1984

This is the last issue of the weeklies. Starting with this issue, your next issue will be received in two weeks. So don't look for one next week. It's almost the end of the season. Time flies when your having fun.

PRICE CHANGE for NIGHT PATTERN BOOK Effective March 1, 1984 the Night Pattern Book price is now US\$9.50 for NRC members and US\$10.50 for everyone else. The Night Pattern Book contains the latest changes and has been brought up-to-date.

CORRECTION to the APT-3 Article:

Figure 1: Add connection: CCW pin of R2 to wiper arm of R2.

APT-3 usage procedure step 5.0.5 should read 'To regenerate after having peaked C1, perform step 4.2.2.' [not 4.2.1 and 4.2.2]

From Dick Truax comes word that WLOU-1350 is now 24 hours with 500 watts at night.

TOP END Column inside is or was to be in the February issues, however it was taken hostage by the Post Office. Craig sent a duplicate and we now present it to you now. Speaking of Top End...

TOP END YEARBOOK 1983 is available from Craig Healy, 66 Cove Street, Pawtucket, RI, 02861. All that is required is a 20 cent stamp and a logging for "TOP END". It is a very well organized 8 page professionally done booklet. (Excellent job on it Craig.)

When is the next DXCHANGE column going to appear you ask? It was due out March 1st, but with one ad it isn't worth printing so to speak. So...April 15 is the date to get your ads in on your stuff, items, radios, books, etc. to Russ Edmunds, however, you people in the U.S. don't mail your Income Tax forms to Russ (only the refund checks).

Gateway DX Club International Eric Bueneman (Bandscan Editor) is starting a club, bulletin, GTG, etc. According to Eric the club is open to DXers in the U.S. and Canada, sample bulletins are available for an SASE or for Canadians 20 cents will do fine. Write to: Gateway DX Club International, 836 Lamplight Lane, Hazelwood, MO USA 63042.

From San Map Page Barto, "We would like to make the 1984 ANARC Convention in Toronto the most successful event ever. We desperately need any, and all types, of radio and TV station promotional items. These may include, but not limited to stickers, decals, pens, pins, mugs, books, records, T-Shirts, station pennants, coasters, litter bags, rulers, hats, key chains, match books, frisbees, patches, razors, etc... Please send all donations to San Barto, 47 Prospect Place, Bristol, CT 06010.

To answer some of the more asked questions lately at HQ. NO, as far as we can determine at this time, there will be NO dues increases for anyone subscribing to DX NEWS. NO, we are not planning on reducing the number of magazines you receive each year, it will still remain at 30 issues per year, as it has been for some time now, and probably will remain that way for some time.

We're experimenting with a new typestyle this issue. Bear with us.

LOOK INSIDE:

2.....AM SWITCH
3.....DDXD
6.....IDXD
9.....TOP END

11.....DUSTY DIALS
13.....STN PROFILE-WTYO
14.....ANOTHER REVIEW ON
SONY SRF-A100

17.....DX-400 TEST REPORT
19.....DDXA
21.....MUSINGS
23.....HAP PAGE

AM SWITCH

JERRY STARR
c/o WSRD RADIO
401 N. BLAINE AVENUE
YOUNGSTOWN, OHIO 44505

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
750 *New PA Olyphant	WRGE	1220 KIBE CA Palo Alto	KDFC
770 *New CA Riverbank	KPLA	1240 KBYM MT Billings	KUUS
880 *New NV Lovelock	KDXA	WQBO PA Selinsgrove	WYGL
890 *New CA Citrus Heights	KPTO	1280 KVOV NV Henderson	KREL
*New GA College Park	WREE	1290 KXXN CA Santa Barbara	KESP
980 WRC DC Washington	WRRC	1320 WEET VA Richmond	WRJY
1040 KPOI HA Honolulu	KIFH	1440 WILP IA Paris	WRPZ
*New TN Powell	WBZW	1450 KCDR KY Cedar Rapids	KRMR
1110 KCOT AZ Marana	KMAC	1460 KYSN CO Colorado Springs	KKHT
1130 WPUL FL Bartow	WWBF	1470 KKKK MN Anoka	KANO
1140 KKCI MO Liberty	KCXL	1480 KHQN UT Spanish Fork	KONI
1200 *New CA Rancho Mirage	KPCP	1550 *New NV Reno	KISK
1210 *New ID Meridian	KLIT	1560 WYSE FL Inverness	WKIQ
		1600 WDDQ TN Lebanon	WQZQ

APPLICATIONS FOR NEW STATIONS

770 OH Butchtel: 2500 D1	1020 MI Mount Pleasant: 2500 D1
840 NE West Point: 2500 D1	1100 GA Milan: 500 D1
TX Jacksonville: 250 D1	1170 AL Hanceville: 5000 D1
870 AL Valley Head: 2500 D1	1420 AK Bethel: 1000/1000 U1
WI DePere: 10000/1000 U4	1520 KY Greenup: 5000 (500 CH) D1
920 KY Midway: 500 D3	1590 KY Gray: 500 D1
1010 CA Rancho Mirage: 500 D1	

GRANTS FOR NEW STATIONS

1100 IL Harrisburg: 2500 D3
1210 ID Meridian: 5000/500 U1

APPLICATIONS FROM EXISTING FACILITIES

590 KGLE MT Glendive: 1000 D1
700 WCAT MA Orange: 2500 D1
1120 WMSW PR Hatfield: 5000/5000 U2
1140 WIXC TN Fayetteville: move to Hazel Green, AL 2500 (2500 CH) D3
1150 KQQQ WA Pullman: 1000/500 U3
1210 WKXN MI Saginaw: move to Frankenmuth, MI 10000 D3
1370 KMAP MN South Saint Paul: move to Center City, MN, 500 D3
1420 WMYN NC Mayodan: 1000 D1
1430 WMBK TN Knoxville: 5000 D1
KCLK WA Clarkston: to Asotin, WA with 5000/1000 U4, move XR
1480 WCNS PA Latrobe: 1000/1000 U4
1510 WMIB FL Marco Island: to 1480 with 1000/1000 U2
1550 KLFJ MO Springfield: 5000 D1

GRANTS TO EXISTING FACILITIES

550 KFRM KS Salina: changes in antenna system
690 KVOI AZ Tucson: to Oro Valley, AZ 10000/1000 U4 on 700 kHz
870 KIEV CA Glendale: move XR, become U2
880 KKMC CA Gonzales: move XR (CP)
1140 KRAK CA Sacramento: changes to U4
1190 KMCW AR Augusta: to Kensett, AR 500 D1
1230 WBOW IN Terre Haute: changes in antenna system
1370 KOKE TX Austin: 5000/500 U4
1440 WRCK IL Rockford: changes in antenna system
1450 WIIN NJ Atlantic City: taller tower
1570 KUXL HA Golden Valley: taller tower
1590 KYOR NV Sun Valley: power to 1000 D1, move XR

OTHERNESS

970 WHA WI Madison: FCC dismissed application for fulltime operation

Note: For those who may be FM DXers and notice that WRC Washington, DC has received WRRC, the same call that belongs to the Rider College station in Trenton, NJ: WRRC Trenton has agreed to change their calls to WRRC, thus making WRRC available to the former WRC. This change is now in effect. WRC was changing hands and could no longer use the WRC calls since they would remain with WRC-TV. The FCC released the call as "WRRC" for WRC in error, thus the confusion. This whole deal was negotiated by NRCer (and former AMS editor) John Bowker. Once again WRC is now WRRC. End of saga.

JMS & BKA

Jerry Starr & Buffalo K. Foonman

DOMESTIC DX DIGEST

DAVE SCHMIDT
42 CHELWYNNE RD.
CASTLE HILLS
NEW CASTLE, DE 19720

Here is one of 8 reasons why this column is so exciting to read....#10, it's full of DX information! When sending your items in, please type or neatly write, skip a line between items, one side of the paper, EST (we switch over to EDT whenever that happens this year), etc. Here goes:

SPECIAL:

- 540 CBSP ON WINDSOR - Now running AN per anc't on CBE-1550 during their s/off on 2/23. (ERC-MA)
- 860 CJBC ON TORONTO - Sked., NSP w/classical music, French talk. (DS-DE)
- 990 WNYR NY ROCHESTER - Power, 5000/2500 U4, using new antenna site at Brockport, NY, about 15 miles west of Rochester, both day/nite patterns are essentially east/west. (JB-NY)
- 1180 WKKE MS PEARL - Per call to station, add. is PO Box 54349, Jackson, MS 39208, dual ID as Pearl-Jackson. (JPH-OK)
- 1370 WRTK NY ROCHESTER - As of 2/23, has dropped Mutual network including Larry King, now running CW music on AN show, still NSP. Per local newspapers, station is to be sold 7/1 to owners of WXXI-TV & PM, local PBS outlet. (JB-NY)
- 1430 WWHK MI MT CLEMONS - As of 2/18, station is silent. (JP-MI)
- 1510 KCCV MO INDEPENDENCE - 2/27 s/off noted w/mention of 10000 watts during Bible verse then gone, very strong so believe statement on power. Did I miss this change in AM switch? (BW-OK) No, they missed it in THIS column! (DS)

FREQ. CHECKS:

- 1st Mon - WCNC-1240 w/TT, ID. (JB-NY)
- 2nd Mon - KQNK-1530 w/TT, ID, 0110-0120. (JPH-OK)
- KSDN-930 w/TT 0130-0132, ID at end then back to Reg. Sked.(JPH-OK)

WBZ RADIO 1030

DX TESTS:

- 560 WHND *2/13 not heard, just WGAN/WPIL. 2/20 0300-0308 nicely atop w/much Morse Code and sweep tones, confirmed via phone.(ERC-MA)
- *2/13 not heard, 2/20 zzzzzzz. (JB-NY)
- 1140 WLNT *0021-0100 w/many ID's, CW music and some TT, weak but fair 0050-0100. (JB-NY)
- *Not heard, just WRVA's OC and CBI noted and one other UNID Canadian. (ERC-MA)
- *0003-0100 heard well w/WRVA's OC w/traces of CBI til their s/off, a YV?? and another unknown. (JK-MD)
- *0004 weak w/CW music, add., equipment info and TT. (JP-MI)
- *0000-0040 fair/good w/CW music, some TT, many ID's w/mention of phone/address and other station info. (KVJ-GA)
- *Heard. (WPT-DC)

EMERGENCY BROADCASTS:

- 1550 WVAB VA VIRGINIA BEACH - 2/7 0618 on early for storm way o/CBE. (JB)

MIDDAY - MIDNITE:

- 540 KWMT IA FORT DODGE - 2/20 1816 weak in local CBEF null w/CW music, weather and temp. check. (JP-MI)
- 570 WKBN OH YOUNGSTOWN - 2/25 1733 fading in/out w/WYSR w/ID and Sports Central USA report. (JB-NY)
- 600 WTAC MI FLINT - 2/25 1821 all alone w/ID, CW music and AM 600 ID.(JB)
- 620 WHJB PA GREENSBURG - 2/25 1734 like a local w/promo for the stations "Business person of the week" award. (JB-NY)
- 640 WMSO TN COLLIERVILLE - 2/9 1827 weak w/Cuba w/church and revival anc'ts. (JP-MI) Knocked your breath away, eh? (DS)
- 730 WMTC KY VANCELEVE - 2/4 1808-1810 very good w/news, weather, ID.(JB-NY)
- 770 WEW MO ST. LOUIS - 2/4 1815 very good w/ad, ABC Olympic News in WABC nulls, still in well at 1844 s/off. (JB-NY)
- 850 KOA CO DENVER - 2/23 2013 CW music, ID w/fair signal. (WPT-DC) (JB-NY)
- 880 WMDB TN NASHVILLE - 2/4 1832 weak w/full data s/off, no sign of WCBS.
- 900 WKDW VA STAUNTON - 2/25 1744 good w/ID and program promo. (JB-NY)
- 930 KPLG AZ FLAGSTAFF - 2/21 2012-2015 news, CW music, s/off w/mention of 93 FM, ending w/"as we turn lights out", no WKY. (BW-OK)
- 1020 WOIL IL CARBONDALE - 2/5 1815-1830 in/out w/legal ID, MoR music and weather report. (JPH-OK)
- 1030 KBSM MO BLUE SPRINGS - 2/4 2007 Top 40/oldies/CW music mix, "Suburban 1030" slogan, per call to station, power is 1000 watts.(JPH-OK)



WASK AM-FM

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1040 KPBC TX DALLAS - 2/25 1902 finally enuf for a report on this w/ religious music, plug for 24 hour operation, ID, s/off. (JPH)

1050 KMIS MO PORTAGEVILLE - 2/4 1835-1842 very strong w/many ID's, CW music, Bingo game promo, WHN/CHUMP were just about non-existent. (JB-NY) Lucky ducky! (DS)

1080 WCII KY LOUISVILLE - 2/4 1818 fair/good w/female anc'r, promo for Anne Murray special. (JB-NY)

1110 WJML MI PETOSKEY - 2/25 1758 on top w/promo for station contest w/ lottery tickets as prizes. (JB-NY)

KYKK NM HUMBLE CITY - 2/22 1827 CW music/oldies, ID as "The name of the radio station is 11, KYKK", no KFAB. (JPH-OK)

1130 WDCY MN MINNEAPOLIS - 2/22 1807 weather, DGY ID's, CW music w/XBMR and weak KWKH. (JPH-OK)

1140 KSOO SD SIOUX FALLS - 2/25 1840-1841 popped up w/high school basketball game, weather, ads. (BW-OK) 2/19 1807 weak w/CW music, weather, female anc'r, local ad. (JP-MI)

KMMZ WY GREYBULL-BASIN - 2/22 1848 atop briefly w/"We're The Best" ID, faded to KNAB/XBMR. (JPH-OK)

1150 WAYY WI CHIPPEWA FALLS - 2/19 1743 w/"Unforgettable" ID then into Big Band/MYL type music. (JP-MI)

KJBC TX MIDLAND - 2/8 1929 poor w/CW music, s/off w/SSB. (JPH-OK)

WHUN PA HUNTINGTON - 2/12 1730 great signal o/CKOC w/mention of giving away \$1.15 for news tip! (JB-NY) Big time stuff! (DS)

1170 WCRR NY CORNWALL-ON-HUDSON - 2/14 1730 noted w/s/off, a real quickie. (ERC-MA) Sometimes a quickie is better than none at all! (DS)

1190 KRDS AZ TOLLESON - 2/22 1919 good w/traffic report, promo for Ch. 8 benefit, weather. (JPH-OK)

1210 WILY IL CENTRALIA - 2/4 1802-1810 w/ABC news, sports, w/KGYN, ID noted atop, "Your Radio Station". (BW-OK)

1220 KRMC OK MIDWEST CITY - 2/10 1901 ID, religious music, s/off at 1816, w/no SSB, fair/poor w/XEB. (JPH-OK)

1320 WVLY MS WATER VALLEY - 2/26 1843 full data s/off and what sounded like the last few bars of America. (KVJ-GA) Yeah, there are still alot of bars in this state! (DS)

KNCB LA VIVIAN - 2/26 1855 w/B/Sol music, ID. (KVJ-GA)

1330 WHOT OH CAMPBELL - 2/25 2227 dominating the channel o/WRIE/WFPC, not often heard anymore! (JK-MD) True, true! (DS)

1370 KAPB LA MARKSVILLE - 2/28 1857 full data s/off w/mention of FM and SSB. (KVJ-GA)

KTPA AR PRESCOTT - 2/28 1900 poor w/s/off w/mention of 0600 s/on. (KVJ)

1390 WCSC SC CHARLESTON - 2/4 1755 good w/rock music and 1390 CSC ID's. (JB)

1430 KCJL ON TORONTO - 2/25 1947 pre game show for Toronto hockey, ads, promo for MYL and news, fair w/KELI/UNID CW music. (JPH-OK)

1480 WMAX MI GRAND RAPIDS - 2/25 1816 weak w/WCIN w/s/off, no SSB. (JP-MI)

KTHS AR BERRYVILLE - 2/25 s/off noted in car while going to pick up a pizza (punched wrong button on car radio!), mentioned 5000 watts, SSB. (BW-OK) Time, sir? And no additional comments are needed on this-hi! (DS)

KUUX NM HOBBS - 2/12 1916 fair w/ID as K-Double u-X, jingles, CW music, faded to KLEO. (JPH-OK)

1490 WAYB VA WAYNESBORO - 2/20 1752 long sought noted on truck radio o/WARK w/local ads. (JK-MD) Try for their f/c, that should be an easy one at your place! (DS)

1520 WKZQ SC MYRTLE BEACH - 2/14 1757 noted w/s/off w/mention of 102 FM, no SSB, often heard at sunset. (ERC-MA)

1530 KCLR TX RALLS - 2/9 1925 good in WCKY null w/Spanish, Ranchera music, ID, s/off w/full data. (JPH-OK)

1540 WNIO OH NILES - 2/5 1857 good w/female DJ and Country 15 ID's. (JB-NY)

WYNC NC YANCEYVILLE - 2/26 1800 fair w/s/off, w/mention of Roxboro (WPT)

1560 WTAI FL MELBOURNE - 2/5 1800 good w/ID and mention of being "News-Talk in Brevard County". (JB-NY) Switch from CW? (DS)

KAJN LA CROWLEY - 2/9 1906 "Cajun Talk" program, s/off w/mention of KAJN-FM 102.9, no SSB. (JPH-OK)

1570 WHLP TN CENTERVILLE - 2/4 1829 weak w/full data s/off w/some splash from WQXR-1560. (JB-NY)

1580 KPDP AR VAN BUREN - 2/5 1832-1900 w/CW music, gospel music, s/off. (BW)

KWED TX SEGUIN - 2/5 1905 s/off in jumble w/FM 103.5 mention. (BW-OK)

1600 WJNJ FL ATLANTIC BEACH - 2/5 1801 good w/full ID into news. (JB-NY)

MIDNITE - MIDDAY:

550 WSWA VA HARRISONBURG - 2/25 0744 fair in WGR null w/ad, ID. (JB-NY)

570 WPLP FL PINELLAS PARK - 2/6 0316-0339 u/WSYR w/comedy cuts, CBS promos, CW music, WMCA was off, thank to Bill Andres tip! (ERC-MA)

630 CKRC MB WINNEPEG - 2/26 0045 very weak w/ID, CW music, female anc'r, problems from CPQC/CPBK. (JB-MI)



5

730 WPKX VA ALEXANDRIA - 2/25 0753 on top w/local ad, weather, ID. (JB-NY)

790 WTAR VA NORFOLK - 2/23 0200 noted even w/WEAN null w/Larry King stuff and ID. (ERC-MA)

860 KONO TX SAN ANTONIO - 2/27 0135 surfaced briefly w/ ID, time and temp. check, w/UNID Spanish, KKOW was off. (JPH-OK)

UNID 2/27 0146 african type music, anct's by soft spoken woman, into classical type music. (JPH-OK) KVVA? (DS)

880 *WCBS NY NEW YORK - 2/26 noted off again this Sunday AM, carrier and all, is this a regular thing now Bob Foxy? (ERC-MA)

910 *WSBA PA YORK - 2/26 0100 noted w/TT and OC again this AM leaving only WGBI and a loud CKLY under their OC. (DS-DE)

1010 WITL MI LANSING - My Closest Unheard! (JP-MI) Me, too! (JS-OH)

1030 KTWO WY CASPER - 2/5 1038 good w/state weather o/KHOG. (JPH-OK)

1060 *WHPB MI BENTON HARBOR - 2/3 0140 good w/KYW w/lots of test info and info on station in ID's. (JP-MI)

1090 *UNID 2/13 0251 w/KAAY off, ad noted for Rainbow Ballroom in Fresno and mentions of Southern CA, then TT noted 0253, CW music at 0259, XEPRS? (JPH-OK) XEPRS w/S Cal. mentions, CW likely CHEC, TT likely WMOT. (DS)

*WBAL MD BALTIMORE - 2/20 noted off this MM, 1st time in '84. (ERC-MA)

1110 KYKK NM HOMBLE CITY - 2/11 0923 fair w/CW music, ads, sports, in null of KFAB. (JPH-OK)

1140 UNID 2/21 0202 Oh Canada noted o/u WRVA this Wednesday AM. (ERC-MA)

1180 *WHAM NY ROCHESTER - 2/26 0048 good w/TT, Cuba in null. (JP-MI)

1210 *UNID 2/7 0150-0210+ PoP noted here this Tuesday AM w/no ID's. (ERC)

1220 WLSB VA BIG STONE GAP - 2/7 0631 good o/weak WGAR w/local mentions. (JB)

CJRB MB BOISSEVAIN - 2/21 0001 national news, weather, ads, sports, female anc'r, signal was fair and alone. (JPH-OK)

1240 WROV VA ROANOKE - 2/26 0031 very good w/rock oldies, ID's as the "Roanoke Valley's Radio Station", common here. (DS-DE)

1280 KSOK KS ARKANSAS CITY - 2/22 1025 call in auction program, AM 1280 ID's, KUOA/KOKN splash. (JPH-OK)

1320 KOLT NE SCOTTS BLUFF - 2/22 0933 local news, ads, ID, sports and weather, fair/good w/KWHN null. (JPH-OK)

1370 *UNID 2/23 0128-0138+ PoP in progress u/WFEA w/no ID's heard. (ERC-MA)

1400 WBMA NC BEAUFORT - 2/22 0007 fair atop pile w/ID and mention of the Atlantic Beach Causeway. (WPT-DC)

1420 CKPT ON PETERBOROUGH - 2/8 0023 u/o WHK w/rock music, some comedy cuts, clear ID into fading ads. (JP-MI) Never happens! (DS)

1450 WIIN NJ ATLANTIC CITY - 2/12 0300 good clear ID, CBS news then faded down quickly. (JP-MI)

1460 *UNID 2/10 0031-0054 PoP noted, off w/no ID's. (ERC-MA)

1490 *UNID 2/11 0126-0140 with what sounded to be morse code at 0131, noted letters C and G but can't match it up with a station call, anybody? (ERC-MA) Maybe it was WMOT! (DS)

1540 *KUQQ TX FORT WORTH - 2/10 0124-0141 rock music, sudden s/off w/mention of 50000 watts power, per v/l was BT for audio test for OK on new power. (JPH-OK)

1570 *WSSA GA MORROW - 2/1 0200 noted on PoP w/ID. (ERC-MA)

TIS:

1610 KID774 PA GETTYSBURG - Per v/l, power given as 10 watts into antenna 20 feet above ground, operated by National Park Service for the National Military Park. Has been heard 75 miles away but no other info given, any NRC'ers hear them? (JK-MD) Kermit Geary got them right after they hit the air a few years back, bet it was he they referred to. (DS)



RANDUMBS:

A big thank you to JOE KURETH and BILL PRATER for the logo's, and the re-cycled ones from MIKE KNITTER and ERNIE COOPER, who also sent a bunch a week or so back.

Just a couple of issues before we end the weekly's, still some DX to be heard so make sure you send it along to get it in on time!

THE BARMASTERS:

JPH-OK/John Herman, Vinita, OK/Philco Portable
 BW-OK/Bruce Winkelman, Tulsa, OK/R390A, 40 Mtr. dipole
 KVJ-GA/Karl Jeter, Stone Mountain, GA
 JB-NY/Jerry Bond, Rochester, NY/HQ140XA, Loop
 ERC-MA/Ernest R. Cooper, Provincetown, MA/R390A, HQ180, Superadio, Loop
 JP-MI/Jim Paige, East Detroit, MI/DX160, Channel Master Portable, LM
 JK-MD/Joe Kureth, Uniontown, MD/SX43, LW, SM1
 WPT-DC/Bill Townshend, Washington, DC/ICPS5W
 DS-DE/ (You can't say THAT, Dave-MX)/Superadio, HQ180a, SM2,



73's - good DX!

INTERNATIONAL DX DIGEST

CHUCK HUTTON
1035 LATHAM ROAD
DECATUR, GA 30033
(404) 633-1198
BEFORE 2300 ELT

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday

- 179 EAST GERMANY Oranienburg to very good peaks w/muzak and GG woman 0215-0230 1/17. (Kaz)
- 200 ENGLAND Droitswich et al in nicely w/BBCWS pgm 0210 1/17. (Kaz)
- 227t POLAND Konstanznow assumed w/operatic woman in European lang briefly atop het and QRM 0248 1/17. (Kaz)
- 272t CZECHOSLOVAKIA Topolina presumed the soft mx helped thru QRM by regeneration 0252 1/17. Poor at best. (Kaz)
- 530 COSTA RICA Cartago TICAL 0208 2/7 LA love songs by woman, Radio Rumbos ID, fair. (Hakiel)
- 540 VENEZUELA Rosario YUVU 0301 2/7 LA mx, R. Perija ID, good. (Hakiel)
- 595 DOMINICA Roseau 0041 2/25 LA mx, SS talk, good. (Hakiel)
- 610 TRINIDAD Port-of-Spain varying from poor to very good w/heavily accented EE man and woman annrcs w/local nx then R. 610 ID o/u WGR 0210-0215 2/7. (Kaz)
- 620 ANTIGUA St. John's rising o/2YH590 w/8 sets of their 3 pips at 2300 into EE talk. Poor-fair but little domestic QRM in au 2/16. (Kaz)
- 620 BRAZIL Fortaleza 2YH590 fair-good w/continuous PP talk // 5035 from 2237-2240 well o/WMT w/weak 621 het from au attenuated Canary Islands. At this time many Brazilians are in // with "A Voz do Brazil" pgm. 2/16. (Kaz)
- 657 MOROCCO Laayoune fair // 819 w/AA talk 0046 1/19. (Kaz)
- 690 ANGUILLA Caribbean Beacon very common in au here. Xint // 1610 and reducing CBF groundwave to a SAH 0222 2/7. (Kaz)
- 730 DOMINICAN REPUBLIC Santo Domingo HIZ fair in mess w/Trinidad's Indian chants thru phased CJBC w/"HIZ" ID 0225 2/7. (Kaz)
- 735 ECUADOR Quito HCBG1 0156 2/6 LA vocals by woman, fair-good. (Hakiel)
- 765 SENEGAL Dakar 2232 2/15 vernacular talk w/plunkety-plunk mx, xint. (Hakiel)
- 774 SPAIN sychros poor w/man in SS 1958 1/15 o/SAH. Many TA carrier/hets were in as early as 1945 but this was the first loud enough for audio. (Kaz) 0435 2/21 pop mx, SS talk by woman, good. (Hakiel)
- 783 EAST GERMANY Burg in w/TREMENDOUS signal w/66 nx by man 0201 1/17. Very good and clear w/rock mx, GG man, mellow instrumental mx, then pop song followed by GG annrc to xint peaks 0006-0015 2/26. (Kaz)
- 810 BAHAMAS Freeport ZNS3 0411 2/14 religious pgm and birthday greetings at good level. (Hakiel)
- 810 VENEZUELA Valencia YVLP fair in au cx atop weak WGY et al w/2 "Maracay" mentions and R. Vision ID 0207-0209 2/7. Last heard 6 years ago from RI. (Kaz)
- 815t ECUADOR El Milagro HCVT2 0525 2/12 quaint Ecuadorian mx, ID still eludes me, poor. (Hakiel) Definitely a hard str to ID-CH
- 825 PANAMA Macaracas HORS6 0510 2/25 wild SS mx and "Radio Peninsula" ID, xint. (Hakiel)
- 827 LIBYA Sebha SUPERSTRONG (clearly better than 825 powerhouse) w/man in AA mentioning Libya 2210 1/21. I checked 540 (as 539 used to be heard) but still no trace of a TA here (I was looking for Libya or Morocco). (Kaz)
- 828 MOROCCO Oujda fair w/FF man 2008 1/15 (soon knocked out by Libya 827 fadeup; this recurring phenomenon noted about 3 times in early eves DX'ing this season). Tremendously strong o/827 w/FF net // 1325, 1197 at 2326 2/21 during good North African cx. (Kaz)
- 837 UNID w/AA mx poor and I could not log enough to try to // it to 891 at 2027 1/15. This is a switch from the usual Canary Islands. (Kaz)
- 855 SPAIN Murcia 2220 2/21 man and woman in SS talk, fair-good. (Hakiel)
- 854 PERU Lima OAX4A 0314 2.15 EZL mx, "Begin the Beguines", fair. (Hakiel)
- 864 MOROCCO Errachidia strong! (for 15 kw) and best ever w/religious AA chant // 209 at 0324 1/22. (Kaz)
- 880 BRAZIL Belo Horizonte 2YL275 still common here: 1/22 ranging from good-xint at several checks between 0512 and 0633 when R. Inconfidentia ID heard; WCBS OFF and no Cuban or anything else heard on the channel. 2/16 2327 very good w/WCBS phased, au cx, // 620 and 740 w/PP mention of "basketball". 2/26 w/WCBS again off on a Sunday morning-0640 good on Beverage w/PP ballad but poor on loop w/occasional SS LA QRM. (Kaz)
- 882 CANARY ISLANDS very good and mostly way atop England w/little QRM from 2YL275 w/nearly NSP WCBS OFF. SS man annrc and uduel SS and EE pops 0515-0525 1/22. I hope some of you guys inland and near WCBS got this one. (Kaz) How about those of us with their radios off? CH
- 882 CANARY ISLANDS La Laguna EAK64 xint again! and lightly slopping WCBS at this early hour 2106 1/21 w/SS talk (sports?) // 837. Usually 837 and 862 are not //. (Kaz)

- 882 ENGLAND Washford et al fair w/EE talk 2002 1/15 and xint 2002 1/15 // 909 and o/low growl from Canaries w/EE coverage of soccer 2256 on 2/25. (Kaz)
- 895 COLOMBIA Santa Marta 0420 2/17 heavy drum beat mx, R. Galeon ID, good. (Hakiel)
- 900 BARBADOS Bridgetown LOCAL-LIKE on Beverage w/slightly accented EE talk about reefs 0137 2/7 and very good later at 0150 w/calypso. (Kaz)
- 910 COLOMBIA Medellin HJDO 0134 2/6 LA mx, "La Voz del Rio Grande" ID, fair. (Hakiel)
- 914 SURINAM Nieuw Nickerie in w/very strong but only good w/undermodulated audio 2325 2/16 w/what sounded like Hindi talk then mx-sounded like "Rani" ID. In well again 2252 2/17 w/Hindi-type chants. (Kaz) 0016 2/6 exotic Hindi mx, vocals by woman, good. (Hakiel)
- 920 COLOMBIA Cartagena HJAE 0403 2/24 accordian mx, "Emisora Fuentes" ID by female, fair. (Hakiel)
- 940 MEXICO Mexico City XEQ 0430 2/5 Mexican mx, vocals, ID, good. (Hakiel)
- 944t ANGOLA Luanda suspected again to good peaks w/PP annrc then soft mx (vocal in PP w/instrumental) 2315 2/16. Was in earlier before 2300 w/945 het which goes off at 2300. Audible later at 2356 but faded way down around 2400. Signal by far the best on Beverages. (Kaz)
- 963t NORTH SEA 1/11 bet this is R. Caroline w/T40 mx 2207 1/21 to fair peak but in slop and poor in good cx to England 2205 2/25 w/rock mx looping 50 degrees (approximately) and soon lost in slop. (Kaz)
- 965 ECUADOR Santo Domingo de los Colorados HCOT1 0446 2/8 LA mx, SS talk fair-good. (Hakiel)
- 990 GRENADA Mourn Rouge 0100 2/6 full ID at s/off, good. (Hakiel)
- 990 VENEZUELA Barquisimeto YVTA 2/6 0104 SS talk, R. Tricolor ID, good. (Hakiel)
- 998 MOROCCO Ad-Daklha is now back on old channel ex 999. Het is in most nights; sometimes accompanied by Spain 999 het. AA mx noted 2250 but no // found as cx were au and wiped out the usual northern Moroccan. Ad-Daklha is just north of the Mauritanian border, far south of most Moroccans). Logged // 819, 1044 1/16 to good peaks w/AA chant 2313 2/21 and AA talk later at 2335. (Kaz)
- 1017 TURKEY Istanbul poor-fair o/SAH w/mideastern chanting 0333 1/22. Occasionally noted in this time period. (Kaz)
- 1025 COLOMBIA Ibague HJFT 0041 2/6 much SS talk, "Ecos del Combeima" ID, fair-good. (Hakiel)
- 1035 PORTUGAL Lisboa 0429 2/11 old pop tune "Frenesi", PP talk, good. (Hakiel)
- 1040 COLOMBIA Barranquilla HJA1 0322 2/6 SS talk, pips at 0330, Caracol ID, fair. (Hakiel)
- 1044 EAST GERMANY over Morocco for a few minutes w/66 mx nd oman talking. Slop slightly by WHN and WB2 2310 1/21. (Kaz)
- 1052t LIBYA Tripoli presumed the het on 1063 at 2125 1/21 w/woman talking in language (too much WHN slop and 1053 Morocco QRM to ID lang) 2252 2/17. 2345 2/17 w/AA singing and chant not // 827 (not listed // 827, is this true European DX'ers?) briefly fair-good w/1053 notched and WHN slop. (Kaz)
- 1060 UNID and maybe long sought after Dominica w/EE woman w/religious mx briefly mixed w/QRM from WTP/CJRP and SS LA w/ballads. Lost at 0239 2/7 and did not return as cx quickly become un-au. (Kaz)
- 1124 LIBYA El Beida finally some audio // 827 which was local-like w/AA talk 2123 w/Belgium-1125 QRM notched 1/21. (Kaz)
- 1161 FRANCE in w/soft instrumental mx then FF man and woman talking 2157-2203 1/21. Xint peaks but big fades across 2200 ID time. WJJD QRM reduced w/notch filter. (Kaz)
- 1161 UNID 0305 1/15 poor w/1160 QRM notched; T40 type mx w/SAH and unid heard again 2014-2016 1/15 w/soft instrumental mx o/1.8 Hz SAH. (Kaz)
- 1188 UNID TA carrier showing up early at 1955 1/15. (Kaz)
- 1190 PANAMA Chitre HOT69 0254 2/6 SS talk, Onda Tropical ID, fair. (Hakiel)
- 1215 ALBANIA Lushnje 0402 2/12 IS of 9 trumpet blasts followed by man and woman in Albanian talk, fair-good. (Hakiel) Fair w/listed AA talk as has been heard several times w/AA at this time. (Kaz) Very good-xint w/instrumental music and Slavic lang, man annrc 0317 1/15. (Kaz)
- 1220 BRAZIL Rio de Janeiro briefly good and at equal strength w/local WSME PSSA 2243 2/16 w/PP talk. (Kaz)
- 1233 MOROCCO Tanger good w/FF talk 2128 1/21 and good // 612 w/AA singing 2315 2/21. These two are in // w/AA and FF. (Kaz)
- 1295 SUDAN Sennar noted again w/AA mx, chants and happy sounding singing. Fair at 2132 1/21 w/1296 het notched. (Kaz)
- 1314 NORWAY Kvitsoy to very good peaks 1/17 but w/deep fades. 0034 Norwegian man and woman talking then at 0045 SS talk and R. Nacional de Norway ID then EE ID "This is Radio Norway International" then NN ID. EE and NN ID again 0100. (Kaz)

- 1325 MOROCCO Safi is the stn on this off-freq, finally pinned down as // 1197 and 828 2326 2/21 w/network B in FF to fair-good peaks. Heard other times like 2314 1/21 but not as good. (Kaz)
- 1367 UNID TA looping about 100 degrees again noted w/FF accented talk poor-fair 2317 1.21 during rather brief xint cx for TA's in that general bearing (1404, 1349, etc.). I heard accented FF ID as "La Voix de la Revolution" on this one previously. Angola is listed here and the bearing and the fact that its clearly better on the Beverage (which whips the loop for TA's south of 90 degrees) indicate that my ears may be wrong and this could be PP. Can anyone confirm if there are Africans other than Angola on this channel and does Angola use that ID? (Kaz)
- 1395 ALBANIA Lushnje 2235 2/23 first TA in tonight. FF talk, good. (Hakiel)
- 1413t OMAN Masirah Island-I think my hunt for this one has finally come to an end. Noted British accented EE here 0306 1/22 poor-fair o/Yugoslavia which had Greek/mideast type mx (as commonly hrd at this hour from their AN on Fri and Sat night show). I quickly tuned 2nd VFO to 9410 and it sure sounded like the same male EE anncr but when I tuned back to 1413 at 0309 just Yugoslavia was atop a SAH and my EE didn't return as all traces of SAH faded away in the next few minutes due to atmospheric dawn on path to Oman. (Kaz)
- 1422 WEST GERMANY Saarbrücken 0328 2/21 polKa mx, GG talk, good. (Hakiel)
- 1431 UNID TA het noted just a bit too weak for audio at several checks between 2115 and 2320 1/21 in good cx for Mediteranean and Africa. (Kaz)
- 1448 UNID TA het in 2320 1/21 maybe Cameroon trying to come in. (Kaz)
- 1458 ALBANIA Lushnje in poor-fair w/typical (hrd before) SS woman with propaganda 2148 1/21. (Kaz)
- 1460 TURKS AND CAICOS Governor's Beach 0200 2/15 "This is Radio Turks and Caicos" ID, fair over other stns. (Hakiel)
- 1467 MONACO Monte Carlo 0452 2/7 GG talk, fair-good. (Hakiel)
- 1475 UNID big TA carrier here on old channel 2140 1/21. Hakiel suspects Congo is here as he hears Afro mx here around 0300. Has Benin, which used to s/on later moved to 1476? Help needed-European or African DX'ers! ++ 0610 1.17 still a het here on 1476. Maybe there's an off-freq Spaniard here. (Kaz)
- 1476 AUSTRIA Vienna 0448 2/14 GG talk, band mx, poor. (Hakiel)
- 1484.2 UNID het here on the 1485 GY freq, probably a Spaniard off-freq at 0612 1/22. (Kaz)
- 1485 SPAIN gravetarders 0427 2/13 SS talk, mx, poor-fair. (Hakiel)
- 1503t SENEGAL Tambacounda is the one I suspect here w/Afro mx poor o/1502 het w/increasing WTOP stop 2203 2/12. All references also list Topo (previously on 1502) as also on 1503 and WRTH lists Angola as on 1502. Can somebody clarify this situation? (Kaz)
- 1512 BELGIUM Woluvertm -628 2/22 rock mx, Flemish talk?, fair. (Hakiel) Tentative, FS presumed w/SS pgn fair thru WMRE stop 2143-2145 1/21 when lost in increasing stop. (Kaz)
- 1520 COLOMBIA Barranquilla HJLQ 2346 2/6 SS talk, Radio Minuto ID, good. (Hakiel)
- 1520 PUERTO RICO San Juan WRAI 2354 2/6 SS ads, ID caught in HJLQ fade, fair. (Hakiel)
- 1521 CZECHOSLOVAKIA Kosice 0436 2/13 discussion between two men, good. (Hakiel)
- 1584 SPAIN braveyarder 0401 2/21 SS pop mx, SS talk, 3 pips at 0400, fair. (Hakiel) Briefly fair-good w/SS talk, 5 pips, into opera mx 0230 2/13. (Kaz)
- 1593 WEST GERMANY Langenberg 0349 2/21 pop mx, GG talk, good. (Hakiel)
- 1602 SPAIN graveyarders 0509 2/14 SS talk, poor. (Hakiel)
- 1611 VATICAN CITY logged after numerous attempts w/man and woman in Euro lang 0617 1/22. Peaking up to very good w/usual IS taped 0620 and woman anncr w/Radio Vatican ID in what I think was Latin. 1530 was noted well w/WCKY at the time. (Kaz) 0555 2/14 FF talk by man and woman, celeste IS, fair. (Hakiel)

You know you are trying to fly through the thing when you don't remember anything you typed and you didn't even make a single silly comment about what the dummies sent in this time. Maybe all that has something to do with the fact that I am not just one day late as usual this time around but a full two days late. Maybe it makes it on time, maybe it doesn't.

The lonely two:

George Hakiel-W. Islip, NY R7A, ICR70, LW's, loops, phasing stuff
Neil Kazanoss-Ogunquit, ME ICR70, 1350' Beverage, 175' LW, NRC loop, R. West loop, APT2 tuner/amp

And next time: a discussion of the strange case of the missing IDXD contributors. Where oh where could they be???????

1600-1800 KHZ RANGE

TIMES ARE GMT

DEADLINE: LAST SAT. OF MONTH

CRAIG HEALY
66 COVE STREET
PAWTUCKET, RI 02861

THIS Edition of TOP END was to have been brought to you in FEBRUARY, however, somewhere between Craig and US there is a TOP END column floating in the Post Office system. For as far as we can determine Craig mailed it and all we got here was the envelope. (Maybe it'll make its way here or back to Craig someday!)

First off, it looks like KPE-643 (WATD) will be delayed more due to tower construction hangups. More as it happens.

I was asked what reference books I use to ID beacons. Two are available:

1. The Beacon Guide by the late John Clements and Ken Stryker. I don't know if it's still around in any quantity. Try Century Print Shop, 6059 Essex, Riverside, CA, 92504-1599
2. Handbuch der Funknavigationshilfen by Dr. Jurgen Trochimczyk. It's available in the States from: Sol C. Quintos, 2055 E.Hampton 202, Mesa, AZ 85204. It's an alphabetical list, seems accurate, and easy to use.

Loggings:

- 1613 GUATEMALA Rabinal 0820 1/16 RAB good. (Neal)
- 1615 NEW ZEALAND Ohura 1615+ 1/11 OR fair. ID's every six sec. (Arthur)
- 1615 ??? 1525 1/22 Another CW beacon, very weak under OR. (Arthur)
- 1620 ??? 0504-0507 1/5 SDT good. Keying inaccurate, last dit in "5" is slightly prolonged. Letter spacing is short. Weak 0630 1/18 (Healy)
- 1621.2 ??? 0818 1/16 UDT fair. (Neal) see above? ed.
- 1622 ??? 0819 1/16 KA83736 fair. (Neal)
- 1637 ??? 0657 1/17 KA80084 fair-poor. (Neal)
- 1637.6 ??? 0652 1/17 D381 good. (Neal)
- 1641.5 ??? 0614 1/10 0450 fair. (Healy)
- 1642 ??? 0525,0529 1/5 0384 and dash very good. (Healy)
- 1642 ??? 0526,0530 1/5 V443 and dash good. (Healy)
- 1642 ??? 0528,0540 1/5 A183 good. (Healy)
- 1644 ??? 0558-0612 1/17 Tuned into sound similar to computer program being loaded from cassette. At 0603 it changed to the sound of a European police siren (hi-lo-hi-lo etc.). At 0607 it went into LGB-TLX brap braaaaap brap (see last month). Also good 0534-0537 1/5. This is one of the wierdest things I've heard in this band. (Healy)
- 1649 ??? 1609 1/22 Man in possible JJ or KK, multisyllabic so not Chinese lang. Fair to weak. (Arthur)
- 1649 ??? 0552,0555 1/17 KA81193 fair. (Healy)
- 1651 ??? 0325, 0329 1/16 J320 and dash fair under Teledon. (Healy)
- 1659 ??? 0546-0555 1/5 Either RTTY on idle or a nav. station different than any heard here yet. Uses FSK. Fair, but deep fades. (Healy)
- 1660 HAWAII Honolulu 1430+ 1/21, 1/22 Mixing product of KCCN-1420 and KISA-1540 fair-good. Clearly identifiable. (Arthur)
- 1665 ECUADOR Lago Agrio 0540-43 1/1 LAG fair. (Healy)
- 1689 PAPUA NEW GUINEA Mt. Hagen 1515+ 1/22 MH good. (Arthur)
- 1690 CHINA?? 1515-1600 1/22 Uninterrupted Chinese style organ mx until woman in CC at 1558, s/off 1600. Weak-fair. Where?? (Arthur)
- 1691 ??? 0602-0603 1/18 RTTY station hrd briefly. S/off, not fade. (Hy)
- 1697 CUBA 0305 1/5 Cuba is the location of the BC station hrd here occ. Definite annc'mt as such 0305. Suspect this is the R. Cadena Agremonte xmr listed on 1580 which was near 1690 a few years ago-but the present signal is much weaker. (Stanbury)
- 1700 CHINA?? 1535-1557 12/30 Woman talking in Chinese to 1555, then silence. CC choral mx and carrier cut 1557. 15-20 db RF w/ some noise and slight fading. Peking, Taiwan, or ????. (Arthur)
- 1700 CHINA?? 1513-1658 1/22 Woman talking in Chinese until tech problems cut her off @1628. Back about 1631 w/ CC mx to s/off @1658. Music sounded like what I hear on R. Beijing, so probably not Taiwan. Fair to excellent. Was not // to 1690. (Arthur)
- 1704 ??? 0537-0538 1/14 USB stations here, one at 1704.3 kHz. Too weak to ID lang., but seemed SS. (Healy)
- 1705 ??? 0506,0509 1/16 KA83758 fair. Also 0610 1/18. (Healy)
- 1709.5 ??? 0629-0631 QRL AS hrd. Whoever sent this is busy, I guess. It repeated every 10 secs. Spur from Maritime station or Ham?? (Healy)
- 1713 ??? 0530-0536 1/14 RTTY very weak. Cubic Argo ("cricket") 1kHz above. (Healy)
- 1722 ??? 0604-0634 1/5 FF (not SS) USB stations noted fair-poor. (Healy)
- 1722 ??? 0613-0653 1/17 FF USB stations again, fair to good this time. Parisian, not Canadian FF. Used lots of phonetic spellings (Lima-Oscar-November etc.). Many numbers spoken as well. RTTY heard as well, but as if coming in an open mic. after 0635. Sometimes voice along with it. RTTY sound shut off abruptly sometimes. Woman also heard @0646. Mentions of "Route 16", "Paris", "Africa". Also hrd 0635-0636 1/16, weak 0615 1/18. (Healy)

1752 ??? 0825 1/16 KC87 fair-good. (Neal)
4500 MI Detroit WLOV 3rd har. heard midday w/ rel. pgm. (Stanbury)

Credits:
C.M. Stanbury, Ridgeway, ON, Collins 5134, 90' 1w
Sam Neal, Cleveland, TX, RBC-75A4-T5830, 10MHz vert.- zepp
John Arthur, Pahoa, HI, R388, 100' 1w, 90m dipole
me, Pawtucket, RI, R7A, 125' loaded 1w, regen. tuner
Those Chinese or whatever loggings of John Arthur's are rather intriguing.
Any of our members in that part of the world want to try to ID them?
Onegai-simasu??
And the last thing we have is a list of frequencies assigned by NOAA for
Marker Beacon Buoys: 1618.65, 1653.425, 1718.59, 1718.65, 1798.5, 1799.6
and seven more over 2300kHz.
Oh yes. Sometimes I get a few things I can't use: Loggings of open carrier
(no modulation) A0, cordless phones, stations (except harmonics) above
1800 kHz, and pirates. Most everything else from 1600-1800 is fair game.

RA/R Friday, March 2, 1984

BROADCASTERS PUSH MULTI-MODE

Motorola Claims AM Stereo Victory, But Rivals Disagree

Amid loud protests from its competitors, Motorola officials this week are speaking more confidently than ever of having the AM stereo battle all wrapped up. Seemingly unconvinced is an ad hoc group of radio broadcasters led by Broad Street Communications President Fred Walker, which has begun lobbying set makers to build multi-system receivers.

"The movement to Motorola is so strong that it will be over by the NAB Convention," predicts Motorola AM Stereo Coordinator Chris Payne.

But, in what appears to be an "everyone against Motorola" stance, officials of Kahn and Harris disagree sharply. They are counting on the multi-system approach as the key to their eventual success. And, as always, spokesmen for all three firms continue to question virtually every statement their rivals make.



Fred Walker

Lobbying Delco, Ford

Walker and other broadcasters last week spent a full day in Kokomo, IN with officials of Delco - builder of radios for General Motors cars - making the case for multi-mode sets. After extensive testing at a cost of \$300,000, Delco decided to build Motorola-only sets, now being shipped in quantities of 1000 a day to GM dealers.

Walker says he and other broadcasters have also lobbied Ford Motor Co. on the multi-system approach, and he points to all-system commitments by companies like Sansui and Sony, the latter of which has just introduced an AM stereo "Walkman" model. Walker says Sony will have several major announcements at the NAB Convention in April, and he believes one will be an automatic-switching multi-system car receiver.

Speeding AM Stereo Acceptance

"It would be my hope that if the multi-mode catches on, we can speed up the introduction of AM stereo to about a five-year period of time, whereas if it doesn't, it's going to be like FM stereo, which took anywhere from 10 to 12 years to catch on," Walker told RA/R.

Walker came away from last week's meetings with the impression that Delco might swing to multi-mode if a chip that would switch automatically among the four systems were available "at a cost equal to or not much higher" than its Motorola-only chip. "They did make a big point out of the cost to Delco," said Walker.

Motorola's Payne is convinced Delco won't change its mind and adds, "I think

this will be the first NAB Convention where broadcasters will be able to go home knowing what to do with AM stereo." A broadcaster would be "absolutely insane" to go with anyone other than Motorola, he insists. Payne's evidence?

• 90 stations on the air, 57 additional orders, and new orders being placed at a rate of 25 sets per month

• This week's endorsement of Motorola by Group W, which will use the system on KDKA/Pittsburgh and WBZ/Boston

• Motorola-only set commitments by Delco (GM), Concord, Chrysler, Samsung, McIntosh, and Sherwood and hints of other major endorsements in the offing

• Orders for 2 million Motorola integrated circuit (IC) chips, including 150,000 by an unnamed "major auto manufacturer" that is neither GM nor Chrysler.

Leonard Kahn says he has shipped 92 of his excitors, and "the vast majority" of those units are on the air. "I'm going to hit a hundred soon," he predicts. As proof that the Delco sets will fail, Kahn cites a survey he sent to 150 Buick dealers. Of 27 responses, two favored Motorola-only sets, two had no opinion and 25 preferred multi-system sets.

Kahn Assails Motorola Quality
Kahn is about to send off-air cassette tapes of Motorola reception to every AM station in the United States. The tapes show the Motorola signal shifting back and forth between speakers, Kahn claims, in a phenomenon known as "platform motion." Kahn remarked, "The only people who will accept this sound are people who are deaf in one ear."

Kahn also claims Motorola has put together its station lineup by giving away some units. "There has never been an exciter given away to a station and there never will be," Payne states flatly. "The vast majority of our stations have paid the full price."

Kahn retorts, "It's our understanding after investigating that this is a complete falsehood." Many Motorola stations have been on the air for "long periods of time" with "no exchange of money," he asserts.

Harris Hits 98

U.S.-Foreign Stations

Harris Corp. Director/Radio Sales Jim



VIA CUM LOCAL PAPER (Mesa)

Ariana also rejects Motorola's victory claims. "They started saying that more than a year ago and they're still saying the same thing," Ariana observes. "The marketplace hasn't bought it and the broadcasters haven't agreed with it."

He continues, "I think anyone who buys a single-system receiver today is being short-changed. In the long term, the Harris system with synchronous detection is the best system for the AM stereo broadcaster." He says Harris has "shipped/equipped" 98 units, all of which are on the air, in the U.S. and abroad, has a backlog of \$1 firm and contingent orders, and is putting five stations on the air each week.

The most recent available count of Magnavox stations stood at six.

Broadcasters who called on Delco with Fred Walker last week were Harle-Hanks Communications Director/Engineering Jim Hoak, WBT/Charlotte Chief Engineer Bob Denny, NRBBA Sr. VP Tom McCoy, and Duff Roman, representing the 21-station CHUM Group and the Canadian Association of Broadcasters. NAB declined to send an emissary, but sent along a copy of a resolution endorsing the multi-system approach to AM stereo.

VIA STARRR

Hearing Set To Award Miami AM

A comparative hearing has been ordered to choose between Broward Public Radio and ICBC Corp., applicants for a new AM in the Miami area on 670 kHz. Petitions to deny the second application have been filed by WBBM/Miami Beach and WWL/Miami.

Issues to be explored in hearing include whether Broward has the \$200,000 needed for construction plus three months of operation, and whether it should be granted a waiver to locate studios in Ft. Lauderdale, instead of its proposed city of license, Tamarac.

The FCC also wants to delve into whether ICBC should be granted nighttime power of 2.5kw, instead of the 1kw limit for new Class II-B stations. The Commission is also concerned that, even with the higher power, ICBC's nighttime signal wouldn't cover any of downtown Miami, its proposed city of license.

INSC APPLICATIONS GO BACK TO 4/81
MIAMI 50K/2.5K U4 (ICBC)
TAMARAC 100/1000 U1 (BROWARD)

DUSTY DIALS

TOM FARMERIE
62 SUNRISE AVENUE
GRAFTON, MA 01519

"Count de Veries"

We lost Carleton Lord on January 24th, 1984, but we have not lost our memory of the man and his profound and lasting influence on our hobby.

Carleton came into this world on August 31, 1910 in Johnstown, Pennsylvania. Carleton had no middle name, but with as formidable a name as Carleton Lord, any middle name would have been superfluous. At age two, Carleton's family moved to the Philadelphia area, where in 1924 at the age of thirteen he discovered BCB DXing, beginning a sixty year association with the hobby. Carleton went on to Lehigh University where he received his Bachelor's degree in Mechanical Engineering in 1931. He started his professional career in Akron, Ohio, where his family had moved in 1930. In 1937, he moved back to the Philadelphia area. Carleton and wife Betty were married there. Betty has always shared his interest in BCB DXing and many of his early articles mention their joint DXing efforts. Having a spouse that shares one's enthusiasm for such a hobby as this is rare, and the Lords DXing together is envious. In those days, many BCB DXers took on "handles" just as their radio amateur counterparts. Carleton contrived the name of "Count de Veries" for himself, referring to the near universal preoccupation of BCB DXers to keep count of total BCB DX verifications as a measure of success in pursuit of the hobby. Betty then became known as "The Countess".

In the 1930's, Carleton's RADEX column caused him to be nationally known. RADEX was a nationally distributed monthly magazine that was kind of a radio version of today's TV GUIDE, giving all the network programs from those days when the radio networks were THE entertainment media for most of America. The other side of RADEX was that it catered to DXers, both BCB and shortwave. In the BCB DX coverage, Carleton's column was by far the best BCB DX journalism around, in an era of dozens of clubs and many radio magazines having BCB DX columns.

In 1950, a job transfer found Carleton and Betty moving to Pittsburgh, where they lived through 1954. At the time, I myself was in grade school in the same city, with neither of us of course knowing our paths would someday cross. Carl was always fond of his Pittsburgh days, being a Pirate and Steeler fan, and he especially recalled the Pirate's inimitable radio announcer Rosey Rosewell, who broadcast on WWSW in those days. Carl was also a fan of Rege Cordic, who was Pittsburgh radio's top wake up man thru november 1965. The Lords moved to Meadville Pa. in 1954, then in 1956 moved on to Cornia New York, where Carl spent his remaining years. Carl had his car radio set for KDKA until 1965 in order to hear "Uncle Regie" Cordic on KDKA. Again, what a small world it is, as Jerry Staff once worked at KDKA with Cordic. It was a joy to make some copies of my own tapes of Rege Cordic for Carleton two years ago.

Carl was a major figure in the Newark News Radio Club for years. It must be said that the NNRC was THE club in the 1930s. NRC was a much younger club and it was years away from its now top position. In those days, club allegiances were very strong. World War II decimated the ranks of DX clubs, with many many DXers dropping the hobby due to the war interruption, and after the war, NRC soon became the dominant club. Carleton joined NRC in the 1950s, as did several others of the remaining top BCB DXers in NNRC. He was no stranger to the many NRCers who remembered RADEX magazine.

One of The Count's great legacies is his SPECIAL FEATURES column that ran monthly in the NNRC bulletin from 1947 thru 1961. It was also known as LEAVES FROM A DXER'S SCRAPBOOK, a name he used for his RADEX column for a while. Last year I borrowed his complete set of this NNRC column and photocopied it. In this column The Count was truly in the vanguard, writing detailed reviews of new receivers, already writing of the history of the hobby, writing philosophical treatises on various aspects of BCB DX, profiling any prominent DXers (his biographical sketches of Porter Atherton and Norm Maguire will run soon in DUSTY DIALS), writing detailed articles on the use of wire recorders for DXing in the 1940s, and his writings as the pioneer serious TV DXer were brilliant.

At the 1981 New Jersey convention I stopped in my tracks upon entering the meeting room. There was no doubt of the identity of the distinguished looking gentleman with the silver cigarette holder. The first radio club I joined was NNRC in 1956. In those days I was somewhat awed by the accomplishments of that club's veteran DXers and The Count's special Features column became a veritable bible of DXing lore and "how to". Imagine my awe at finally meeting the man. It was Carleton's first NRC convention, and he regretted not having attended

12 prior ones. Carleton was of course interested in the NRC 50th Anniversary Book project that Russ Edmunds and I jointly proposed. The banquet that year had memorable speeches by Carleton and Dick Cooper, among others. The fact that we did tape record the speeches was a beginning effort at preserving some of our hobby's heritage. The Count and Dick are now passed on, but their words live on.

A few months later, The Count was on board the project, commencing the task of writing the general history of the BCB DX hobby. The Count spent much time in his efforts. A high spot was the Harrisburg Pa. meeting he organized in 1982 which was attended by several long lost former members of the NRC and NNRC. Carl tape recorded all of the reminiscences, and I hope to transcribe them eventually into some sort of article. Health problems hit Carleton later in the project and his "I'M ALL EARS" contribution to the book was not as complete as he intended. I hope to finish the general history from his notes.

Carleton attended a gathering last spring here in Grafton, when many of us working on the book got together. He was thoroughly the center of attention when he spoke, and was rather enthused over the equipment some of us use for chasing foreign DX. There is no generation gap evident, and that has been the beauty of historical delving into the early years of our hobby: BCB DXers are BCB DXers regardless of age or years DXing, and the camaraderie transcends the years. And that is how I personally will remember Carleton Lord, as a man who made his mark on the hobby for over 50 years, a man who brought light into the darkness surrounding DX methods in the 30s, and then fifty years later shed light on the history of our hobby, a man who could relate to today's generation of DXers and a man who still had the enthusiasm for the hobby. Dick Cooper, in his 1981 NRC Convention speech mentioned "those who are without honor in their old age, for they took more than they gave". Carleton Lord was, along with Dick, one of those who gave far more to this hobby than most others. We had discussed a "BCB DX Hall of Fame" for the NRC 50th Anniversary Book and Carleton's choices were Irving R. Potts and Fred Butler, founders of NNRC and RADEX respectively. The Hall of Fame nomination were to be made posthumously only. I think time has come for this BCB DX Hall of Fame, and in addition to Carleton's two nominations, I nominate Carleton Lord himself, along with Joseph J. Becker, Ray Edge, Pat Reilly, Joe Brauner, Dick Cooper, Norm Maguire, and Evan Roberts. If there is a DXers heaven, they must indeed form a quintessential peer group.

BELOW: Sketch of the DX Den of Carleton Lord in Masthead for his 1930s RADEX Column

RIGHT: Ray Lewis and a 25 year old Carleton Lord in OHIO, 1936



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STATION PROFILE

13
TONY FITZHERBERT
356 JACKMAN AVENUE
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WTYO / RADIO 1580

"The Hammonton Station"



At the edge of the silent, lush, green expanse of the fabled, mysterious New Jersey Pine Barrens, some 35 miles southeast of Philadelphia is found the town of Hammonton. This local center of commerce, with a population of over 12,000, straddles the White Horse Pike, the main highway from Philadelphia to Atlantic City, before the opening of the Atlantic City Expressway.

Serving Hammonton, as well as a region covering Atlantic, Gloucester, and parts of Camden County, in the flatlands of South Jersey, is WTYO-1580. The station came on the air in 1961 as WHNJ, "The Voice of South Central New Jersey." The first studios were located at 115 Vine Street, Hammonton, and the owner was the Hammonton Broadcasting Company. The frequency was, as now 1580 KHz, and the power was 1000 watts, non-directional.

WHNJ was sold in 1972 to Rodio Radio, Inc. with James N. Rodio, President, and the call letters were changed to WRDI, with the slogan "Serving the Heart of South Jersey". The studios were located at 182 North White Horse Pike, and the station was operated in conjunction with WRDR-FM, 104.9 MHz.

Shortly after its purchase in January 1982 by Normandy Broadcasting, Inc. the call was changed to WTYO for "We Turn You On." WRDR-FM is today operating independently from Egg Harbor City, N.J. Today WTYO ID's as "The Hammonton Station" and its primary signal reaches a population of over 250,000 people. Its format blends Adult Contemporary Music with NBC News ad features, plus extensive local news and information, highlighted by a three times weekly talk show called "Crossfire" featuring guests and issues of importance to the area served. Additionally, WTYO heavily covers local sports, often with live broadcasts, including high school football, and baseball, as well as little league baseball, and local bowling action. WTYO belongs to the South Jersey News Network, allowing for strong regional coverage.

WTYO offers a very unique program, the "Psychic Connection", featuring a local "psychic", who offers call in listeners a chance to hear about their future through various techniques such as palmistry, astrology, and tarot cards, this twice weekly program is WTYO's most popular feature.

During WTYO's post sunset authorization of 17.9 watts, Spanish programming is broadcast to the large Hispanic population of South Jersey-much of which is employed on the farms of this area. A larger Hispanic group arrives in the area each summer to harvest the crops on the sprawling vegetable farms here. On Sunday, religion is aired from 7:00 am to 10:00, and the remainder of the day features Spanish programs. Interestingly, two of WTYO's AM competitors, in the immediate area are totally formatted for Spanish programming.

WTYO's studios and offices are located at 1168 South White Horse Pike. The transmitter is located just southeast of Hammonton, and the signal is emitted from a 150 foot high tower at that location. WTYO covers most of South Jersey, and the station is a major, and important source of information and entertainment for residents of the area.

Thanks are due to Kermit Geary for providing the information for this profile. Appreciation is also extended to Ellis Fenster for his assistance in supplying additional needed information for the WTYO story. Thank you very much gentlemen!

N.R.C. NIGHT PATTERN BOOK UPDATER

34 Maps. Each contain new stations not shown on the current maps, can be inserted as a change page or you can redraw them onto your original book pages. Maps are same scale as set presently used. Patterns are drawn sharp and are as accurate as can be found anywhere!!! Order from the NRC PUBLICATION CENTER, whose address can be found on the back of this magazine. US\$3.50 includes shipping!!! And please allow four to six weeks for delivery.

The SRF-A100 is the first low-cost entry into the AM stereo receiver market. It is styled like a "mini boom box," if you will, with 3-inch speakers astride a central AM-FM slide-rule dial. Controls and connectors are along the left and top edges of the unit. On the left edge are a power jack for an AC adapter (optional), stereo headphones (a 1/8 inch phone jack for "walkman type" headphones, also not included), and an AM stereo mode switch (more on that later). Along the top edge are the power switch, volume and tone controls, a two-position switch which doubles as an FM "local/distant" switch and an AM IF bandwidth "wide/narrow" switch, a three-position band switch for FM stereo-AM stereo-AM mono, and the tuning knob. An FM monopole antenna is built in and tucks along the rear of the top edge of the receiver. The AM antenna is a ferrite bar and is built in. The speakers are three inches in diameter and only about 6 inches apart on centers. This Sony receiver line has since been added to by Sony's Walkman version, the SRF-A1, which apparently is identical except for size and lack of speakers.

Operation: The SRF-A100 receives all four AM stereo systems currently in use (Harris, Kahn, Magnavox and Motorola) although switching between systems is only semi-automatic and switching between AM mono and AM stereo is totally manual. Apparently, since the same stereo decoding circuit can be used to receive the Harris, Magnavox and Motorola systems, a two-position AM stereo mode switch is provided with one position for those three systems and the other position for Kahn. If you listen to an AM stereo station with the switch in the "wrong" position, you'll still hear what appears to be a stereo effect, but careful listening will reveal that the effect is sort of "random" and that instruments and voices do not occupy fixed positions on the "stereo stage." The label on the bottom has a reminder on it as to which systems are received in which AM stereo mode switch position. You have to find out which system your favorite station is broadcasting in yourself.

There is a center tuning light which functions on both AM and FM but there is no "stereo" pilot light for either AM or FM since the AM section doesn't have or doesn't use the necessary pilot tone detector circuitry to perform this function. If such a circuit were used, it could also perform automatic switching between AM stereo systems allowing the receiver to operate in an "idiot proof" mode like FM stereo receivers do. This was obviously not done to reduce costs (the list price is about \$90, I phone-ordered mine from 47th Street Photo in New York for about \$80 plus shipping). If you switch to AM stereo while listening to a mono station, the station will continue to be heard in mono, but the background noise will be in stereo, giving a sort of "fool's stereo effect." The tuning light is definitely useful as, with it off, you can't receive stereo at all on FM. On AM, you must generally have the tuning lamp lit to receive stereo. If the station is weak, the tuning lamp won't light, but you can still receive stereo (albeit noisy) if you center tune the station carefully.

AM performance: with one exception, it's stunning. The two-position AM IF bandwidth switch makes a remarkable difference. In the "narrow" position, the unit sounds about like a typical AM radio: tinny, boxy, and especially lacking high frequency audio content. In "narrow," the selectivity is also quite good with adjacent-channel domestic stations usually quite audible next to each other. In "wide," the selectivity is noticeably broader and the audio greatly improved. On a strong, quiet local with reasonable audio processing, you might be hard pressed to tell the difference between AM and FM. However, strong, quiet locals are the exception, not the rule. Most of anybody's local AM's will experience some degree of first- or second-adjacent channel interference and this form of interference will be audible as extraneous noises especially in wideband mode.

The most useful AM engineering feature of this radio is that it has a very tight, very wide range automatic gain control (AGC). In effect, this makes the AM section operate and sound like FM, a substantial advantage. In the daytime, between stations, instead of hearing virtual silence with some low-level noise, you hear the RF noise floor converted into audio hiss and almost at audio program level, the same way any FM radio sounds (with its muting off). If you're listening to a station which is fading (changing in RF level) the volume of the audio program does not go up and down with the fades, the background noise comes up as the signal gets weaker and then fades back down as the signal gets stronger; the program level stays constant. Local stations of different strengths are not heard at different loudnesses, they're all substantially the same. This is exactly the way FM receivers behave and may be a good selling point for this receiver to the general public although I'd doubt that the general public would know why

they like it. Low power AM broadcasters may also like this feature since it prevents the public from tuning only to the "loudest" (i.e., strongest) stations on the dial by making them all the same. The AGC is not mentioned in the instruction sheet.

The only fault I can really attribute to the receiver is that the audio section is noticeably noisy. Even on strong locals in mono, there's a fair amount of hiss behind the audio. It's not serious, but it is audible. The hiss remains and has the same high-frequency content even when the bandwidth is switched to narrow, indicating that the hiss is not coming from the RF or IF sections. When you switch to narrow, the audio program gets muddier and no longer covers up the high-frequency part of the hiss, making it more obvious. This may limit the SRF-A100's usability as a DX receiver since it, in effect reduces sensitivity. The tone control can reduce it appreciably, but you'll have to compromise on how much of that high-fidelity audio you want to cut out along with the hiss.

This radio also has a habit of exposing sloppy engineering practices at individual AM stations. The amount by which the audio improves when switching from narrow to wide depends on the station. Some stations, especially with critical or complicated directional patterns, have their antennas tuned so tightly, that sidebands representing the higher audio frequencies never get through and the audio still sounds somewhat muddy. Some mono AM stations have a transmitter which incidentally phase-modulates the carrier with the station's audio. This defect would be inaudible on a mono receiver but shows up immediately when listening in the Harris-Magnavox-Motorola stereo mode as gross channel imbalance accompanied by obvious distortion. WLIS 1190 in New York and WTDP 1500 in Washington, both mono stations, have been noted to have this defect. Some mono stations, however, are impeccably engineered and show no such problems. WCBS 880 in New York is clean; it sounds the same with the receiver in stereo or mono mode with only a tiny (when listening locally) addition of stereo noise in stereo mode.

Listening: Since the speakers are only about 6 inches apart, the stereo effect is somewhat anemic. Headphones are recommended. For listening where you don't care about the stereo effect, the speakers are real gems, with excellent frequency response and low distortion even at high volume. The "definition" of voice from these speakers is commendable. The speakers accomplish this with very strong magnets and you should be careful to keep credit cards, cassette tapes, computer disks and such away from this radio. AM stereo listening can be quite disarming especially when listening to a distant station. There's only one AM stereo station in my market, but virtually all of the big class I-A AM's which broadcast any music operate in stereo. Even if you have to switch to narrow to avoid adjacent channel interference the stereo effect is still there.

WLS 890 Chicago is especially recommended for demonstration purposes (if you like its format) as long as it doesn't experience co-channel interference at your location. WLS uses the Harris system (last I heard). Any AM stereo system receivable by using the Harris-Magnavox-Motorola position experiences weird effects when hit with co-channel interference. In mono, on an ordinary radio, co-channel interference is usually heard as a "sub-audible heterodyne" in which the audio loudness of the desired station increases and decreases at a rate equal to the difference in frequencies of the desired and interfering stations. If the two stations are operating at frequencies two Hertz apart, the loudness will go up and down twice per second. Due to the tight AGC in the SRF-A100, it is unlikely that the audio level will run up and down in this case since the AGC will follow and compensate for most subaudible heterodynes. In these three stereo systems, however, the musical instruments and voices on the "stereo stage" move around from left to right and back again at the rate at which the audio would have gone up and down! I assume that this is due to a phase locked loop, used to decode the "left sinus right" channel information for these three systems, being fooled by receiving two different carriers at the same time. If the desired and interfering stations are operating, say 20 Hertz apart, and you are listening in headphones, you'll have the whole thing swirling around inside your skull 20 times a second. It's quite a wild effect, but it's not likely that the recording studio that made the record wanted it quite that way. The Kahn system does not exhibit this problem.

Another advantage to stereo listening using the Kahn system lies in the way it decodes the stereo. Kahn stations use "independent sidebands" to transmit the left and right channels in a separable manner. In decoding, whatever the station is broadcasting in its lower sideband (the one extending about 15 kHz below the station's operating frequency) is routed

to the left speaker by the receiver. Whatever's in the upper sideband is routed to the right speaker. If you are listening to a Kahn stereo station, for example on 630 kHz, and there's second-adjacent channel splash from a station on 610 kHz, the receiver will place the splash way out on the far left side of the "stereo stage" which tends to make it less objectionable. Kahn calls this the "cocktail party effect," referring to the way the human brain can cause the ears to concentrate on hearing conversation from the person directly in front while ignoring the chatter from all sides. Inventive DXers might use this property of the Kahn system to clean up reception of mono AM stations which are plagued by interference from only one side by switching to the Kahn decode mode and then listening only to the non-interfered-with sideband. Expensive communications receivers call this "selectable sideband reception;" here, you get it for less than \$100. Unfortunately, this can't be done with this receiver alone; there is no balance control so the speakers can't be "turned off" individually. You'll have to wire up something that performs the channel-switching function and plugs into the headphone jack and controls external headphones, speakers, or a feed line to your stereo system.

FM performance: This receiver does have an FM section and FM stereo but it is downright awful. The dynamic range of the FM "front end" circuitry is so restricted that only the strongest and most local FM's will come in in stereo and with reasonable quieting. The FM "local/distant" switch isn't much help since, if you switch to local in an attempt to suppress receiver-generated overload intermodulation products, the sensitivity is so low that you are still stuck listening only to the strong locals. You can raise, lower or reorient the monopole antenna and flip the local/distant switch in a constant fight to receive a favorite station that's at "suburbs distance" from you and you may never have success. For instance, I can't receive WEZR 106.7 (14 miles away) in anything resembling quiet stereo due to receiver-generated overload products coming from closer-in locals like WAVA 105.1 (4 miles) and WPKX-FM 105.9 (7 miles).

MANUFACTURER'S SPECIFICATIONS

Power supply: Three type AA batteries or external, optional AC adaptor. The instruction sheet expects a battery life of 61 hours if headphones and heavy duty batteries are used about 4 hours a day; 16 hours life with the speakers operating and regular batteries.

Frequency range: AM 530 - 1605 kHz; FM 87.6 - 108.0 MHz

Power output: 0.36 watts per channel at 10% distortion into speakers;
0.24 watts per channel at 10% distortion into headphones.

Physical: 9 in wide, 4 in high, 1-9/16 in deep; 1 pound, 2 ounces

Warranty: One year, parts and labor, although Sony reserves the right to use reconditioned parts for repairs.

Radio station drops TV 'snake' ad

DETROIT (AP) — A Detroit radio station no longer will send live snakes slithering across television screens, a move aimed at easing the fears of some Detroit-area elderly women.

WHYY-FM and the W.B. Doner and Co. advertising agency canceled the commercials after complaints published Monday in the Detroit Free Press. Officials said the commercial was aimed at a younger audience, who responded favorably to the snakes.

"We're sensitive to how people feel," said Steve LaGattuta, creative director for Doner. "It was meant to be humorous and tongue in cheek. But if there are people who don't take it that way, we have to be sensitive."

In the commercial, actor Bruce Campbell holds a radio tuned to the contemporary hit station while perched on a rock in a writhing tangle of the reptiles. He calmly says that WHYY-FM has a soothing effect on the coiling creatures.

The spot had a different effect on Mattie Horton, 72, who said she has been unable to watch television because of it.

If she looks at the commercial again, she said, "My heart would quit. The fear goes all over me."

Dr. Kenneth Adams, chief psychologist at Henry Ford Hospital in Detroit, said the commercial could provoke symptoms of extreme anxiety

such as a rapid heartbeat, sweating and clammy skin.

Fear of snakes is "one of the most common fears that people have," Adams said.

"Just because someone reacts to this commercial does not mean that they have some horrible psychological problem. It's not irrational, it's not crazy, it's frightening," he said.

"Our intent was never to offend people," said Maureen Hathaway, general manager of WHYY-FM. "We've had a lot of good calls and good comments."

But Bernice Washington, a volunteer visiting nurse with Greater Bethel Baptist Church, said about 20 elderly patients have complained to her about the commercial.

by Bruce A. Conti

	POOR		FAIR			GOOD		EXCELLENT		
EASE OF OPERATION										
NW DOMESTIC DX'ING										
NW INT'L DX'ING										
LW DX'ING										
SW DX'ING										
FM RECEPTION										
EXTRA FEATURES										
OVERALL										
	1	2	3	4	5	6	7	8	9	10

The Realistic DX-400 represents the top of the line in general coverage communications receivers available at Radio Shack stores. It's probably the best entry Radio Shack has had for many years in this category.

Thanks to Phase Locked Loop (PLL) circuitry, programmable tuning with a microprocessor, and a 5-digit LCD digital frequency readout, tuning to a particular frequency is done effortlessly with a direct entry keyboard. The frequency range is specified as 150kHz to 29,999kHz AM, and 87.4MHz to 108MHz on FM. Scanning can be done manually or automatically in increments of 1 or 3 kHz on AM, 50 or 100 kHz on FM. In the automatic scan mode, the upper and lower limits of the frequencies you want to search are selected, and then the radio will continue to scan between the two frequency limits, stopping when a good signal is found. The DX-400 can also be programmed to tune in 6 of your favorite AM stations along with 6 FM stations at the touch of a button.

The DX-400 also features a wide/narrow selectivity switch to help reduce interference, a 3 position RF gain switch for local, normal, and DX reception to help reduce overloading, reception in the SSB/CW mode with a separate fine tuning dial (BFO), an antenna trimmer dial, a "sleep button" to automatically turn power off after up to 90 minutes of play, and a lighted signal strength/battery level meter.

As a lightweight portable receiver, the DX-400 is very versatile. It can draw its power from 3 different sources; AC 120V 60Hz, six C cells in its own battery compartment, and 12V DC externally (for hook-up to a car battery or other 12V DC source). The radio also requires two AA batteries for computer memory back-up. When DX'ing regularly on battery power, the batteries will last an average of 1 month before replacement is necessary. I used alkaline batteries. A 75A terminal hook-up is provided for external antennas. The receiver has its own telescopic antenna which extends to about 3 1/2 ft. in length, plus a ferrite bar antenna covering 360kHz to 2199kHz per specifications. However, use of an external antenna is recommended for optimum reception. Jacks are also provided for headphones and an external speaker. The radio is packaged nicely. It's not too bulky or heavy, making it an easy to handle travel companion.

The owner's manual is very thorough with easy to read instructions for the non-technical inexperienced SWL, and a schematic diagram is included. The specs give an average sensitivity rating (for 10dB signal-to-noise ratio) of 1uV on AM, 0.5uV SSB, and 5uV on FM (for 30dB S/N ratio). Selectivity at -6dB is said to be 3 kHz in the wide mode, and 2.5 kHz in the narrow mode; and at -50dB, 6 kHz wide, 5 kHz narrow.

For comparison, the DX-400 was tested side by side with the Realistic TRF (12-655). The same external antenna was used with both receivers; the Worcester Electronics Space Magnet (SM-2). Test results were as follows.

DAYTIME RECEPTION	DX-400	TRF
WLNG-1600 NY	Able to null out WIXY-1600 MA, some splash from WARV-1590 RI.	Equal reception, not as much splash from WARV-1590 RI.
WHEB-750 NH	Reception equally good on both receivers.	

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SUNSET SKIP

WAAY-1550 AL	Easy to tune in, some bleed-through noted from neighbor, WKRI-1450 RI, and intermittent splash from WPTR-1540 NY.	Takes a little longer to find, but once tuned in, signal was clearer, no WKRI bleed-through.
VCA-1580	Easy to tune in, some splash from CKLM-1570 PQ.	Clearer, not as much splash from CKLM.
WSES-860 MA	Barely audible, some splash from WHDH-850 MA.	Fair, readable signal.

NIGHT RECEPTION

CKLM-800 ON, FJB-800	Reception equally good on both receivers.	
WVMT-620 VT, WSKQ-620 NJ	Good, but considerable splash from local WPRO-630 RI.	Good, with less splash.
Antigua-1165	Not heard, only splash from WQVA-1170 WV.	Good signal.
Cayman Is.-1555	Not heard, only splash from WQXR-1560 NY.	Fair to good, some splash from WQXR.
KOA-850 CO, WJW-850 OH	Reception equally good on both receivers.	

The stations selected in the test results were chosen to give an overall feel for how each receiver performs when receiving DX signals that are normally heard in West Warwick, RI.

The test results seem to indicate a few problems for the medium wave DXer. For domestic DXing, the DX-400 compares fairly well with the TRF. However, if you live in an urban area close to many 50kW powerhouses (like N.Y.C.), the bleed-through I noted from local WKRI indicates that the DX-400 would not perform as well. If you plan to do some international MW DXing, don't plan on it with the DX-400. This receiver would not pick up stations on split frequencies on the standard broadcast band.

Overall, the DX-400 is a sharp-looking, easy to operate portable receiver which performs well for the SWL, MW domestic DXer, and FM listener. The list price is fair and competitive with similar models on the market. If you do a lot of travelling across North America, the DX-400 would be a great travel companion. However, for tuning BCB split frequencies, I would not recommend the DX-400.

73' B
Bruce A. Conti

Windsor radio stations face problem

By DAN WESTELL

After both private radio broadcasters in Windsor, Ont., tried unsuccessfully to change the broadcast regulator's content rules so they could compete with the flood of U.S. stations, the message seems to have gotten through.

The Canadian Radio-Television and Telecommunications Commission plans to take a special look at Windsor because the broadcast situation has made commercial life almost impossible under existing rules.

Windsor is a river's width away from Detroit, one of the largest U.S. markets. "There are about 30 or 35 Detroit radio stations that come into Windsor,"

and "what they're doing basically is taking all the audience," said Gordon Ashworth, executive vice-president of Baton Broadcasting Inc. of Toronto. Baton runs CKLW AM and CKJY FM in Windsor.

Radio Windsor Canadian Ltd. also runs two stations. Geoff Stirling, president, said the combined losses of Canadian broadcasters in the market run into millions of dollars. "It's staggering."

The basic problem is the FM regulations. Because FM is stereo,

it is the chosen format of young, music-hungry listeners. They will not stay with a station that has too much talk, of the type required by the CRTS regulations,

but absent on the U.S. stations. At the same time, the regulations limit the number of repeats, so Canadian stations must pick their times to play top hits, even if the audience turns over every two hours, Mr. Stirling said.

More than 50 per cent of Windsor listeners tune in to a U.S. FM station, 11 per cent pick a U.S. AM station, 6 per cent a Canadian FM station and 30 per cent Canadian AM stations, Mr. Ashworth said.

"Personally, I wouldn't run a station in Windsor myself," said George Coates, CRTS manager for the Ontario region. "If everybody seems to have a difficulty in the Wind-

so market. Both radio companies tried to amend their formats. Baton appealed last year to switch its AM and FM rules, which would have allowed it to run the FM station without spoken words. The CRTS rejected the proposal.

Radio Windsor's FM entry, CJOM-FM, made "significant departures" from its promise of performance last year, "providing basically an AM programming service" that broadcast 100 per cent rock, compared with an authorized level of 24 per cent, the CRTS said.

Mr. Stirling did not deny the changes he says they commission-

but told the CRTS they were "an attempt to regain an audience which had been reduced to approximately 800 listeners by this competition (from Detroit)."

CJOM-FM did as it was ordered to meet its promise of performance, Mr. Stirling said in an interview. It has also recovered to 45,000 listeners, but will take five years to get back to its former position—if it is allowed to play what it wants.

The CRTS has recognized the difficulties of the Windsor market, and while it has not yet provided regulatory relief for the radio operators, it has changed the rules for cable television.

DOMESTIC DX ACHIEVEMENTS

DON ERICKSON
6059 ESSEX STREET
RIVERSIDE, CA 92504-1599

Editor: Donald E. Erickson, 6059 Essex Street, Riverside, CA 92504-1599
Deadline: 14 days after date of this issue

YR = Year Started TDH/TDT/TOV = Total Domestic Heard, Taped, Verified
SH/ST/SV = States PH/PT/PV = Provinces
E = Estimated R = Recalculated I = Incomplete x = Washington, DC

Assistant Editor: Kay Pro II, Nonlinear Systems, Solana Beach, CA 92075
All errors assumed to be the fault of the Assistant Editor!!!!

YR Name, location description	Heard			Taped			Verified		PV
	TDH	SH	PH	TDT	ST	PT	TDV	SV	
31 Sid Steele, eastern IL	3000	49Ex	10				2715	49 x	10
24 Steve Bezilla, central PA	3000	48E	8				50	45E	4
70 Robert Kramer, Chicago, IL	2834	50 x	10	1999	49 x	9	2011	49 x	10
30 Frank Wheeler, northwestern PA	2466	50R x	9	220	34 x	3	1647	50 x	9
50 Ed Krejny, vic Cleveland, OH	2456	49 x	10				2141	49 x	10
66 Gary Siegel, Toledo, OH	2250	49 x	10	35	15	6	4	3	0
58 Ernie Wesolowski, Omaha, NE	2050	49 x	9				1950	49 x	9
54 Jerry Starr, Youngstown, OH	2027	50 x	10	923	50 x	10	1468	50 x	10
70 Stephen Francis, northeastern TN	1942	46 x	7				41	40 x	0
39 Dennis Pimper, ne NE & Brigham City, UT	1914	47	7	651	40	5	400	45	6
61 Joseph Fela, central NJ	1861	49 x	10	400	40Ex	7	1045	48Ex	9
20 Harold Whittier, vic Boston, MA	1850	-E	-				781	-E	-
45 Ken Chatterton, northern NY	1845	50 x	10				1101	50 x	10
31 Peter Clarius, nr Elizabeth, NJ	1819	48	10				1441	48	10
70 Karl Forth, vic Chicago, IL	1771	48 x	10	1077	48 x	10	1088	48 x	10
62 R. J. Edmunds, northcentral NJ	1545	47 x	9	806	41 x	8	263	42 x	6
68 Dennis Pimper, nr Brigham City, UT	1375	45	7	651	40	5	400	45	6
62 Gary Atkins, Louisville, KY	1360	49 x	7	102	36	1	260	41 x	4
60 Andy Rugg, Montreal & sc Ontario	1353	47 x	10	41	17 x	3	1333	47 x	10
63 Ray Arruda, nr Boston, MA	1330	47 x	9				888	47 x	9
65 Dave Schmidt, se PA/n DE	1250	48E	8	400	40E	4	1006	48	8
69 Karl Jeter, Atlanta, GA	1231	40 x	5				830	40 x	5
74 Rick Carr, Austin, TX	1213	43 x	7				1199	43 x	7
62 Ron Musco, vic Hartford, CT	1194	46 x	9	105	28	3	1068	46 x	9
60 Andy Rugg, Montreal, PQ	1181	47 x	10	41	17 x	3	1165	47 x	10
60 Don Lynch, Chelmsford, MA	1142	45 x	8				-	39 x	4
61 Neil G. Zank, Lincoln, NE	1100	46	9				535	45	9
70 Harry J. Hayes, northeastern PA	1100	41 x	9	502	39 x	9	102	27	2
77 John Hoogerheide, Louisville, KY	1083	42	4				671	42	4
62 Marc DeLorenzo, Cape Cod, MA	1033	46	9				378	46	9
64 Wayne Heinen, Colorado Springs, CO	1025	49	9				866	49	9
57 Robert Foxworth, Long Island, NY	1000	49Ex	10	400	44Ex	9	270	48Ex	7
63 Chuck Hutton, Atlanta, GA	949	46	6						
78 Michael Jeziorski, nr Chicago, IL	948	42	6				26	16	1
74 Sharon Skowera, nr Hartford, CT	947	40 x	8	251	38 x	6	218	40 x	8
78 Mike Knitter, Cambridge, WI	936	44	6	933	44	6	31	16	0
72 Dick Truax, Louisville, KY	935	46 x	6	120	35 x	5	20	17	3
64 Greg Hardison, Atlanta, GA	900	36E	6				42	19	5
70 John Malicky, Pittsburgh, PA	826	38 x	5	406	35 x	3	376	36 x	5
77 Bob Mielcarek, Milwaukee, WI	823	42 x	5				13	35	5
57 Art Fregeau, Northford, CT	803	45 x	11				214	41 x	7
75 Paul Swearingen, southeastern KS	795	43 x	6	434	40 x	5	-	-	-
69 Jim Wallace, Columbus, OH	795	41 x	7				137	36 x	3
62 Jerry Bond, Rochester, NY	785	43 x	8	50	10E	2			
60 George Greene, Akron, OH	743	45 x	7				119	29	3
66 Ken Onyschuk, northeastern IL	743	43 x	5	15	12E	0	16	13	0
74 Bill Bergadano, New York City, NY	719	38	5	250	-	4	105	37	4
78 Niel Wolfish, vic Toronto, Ontario	707	43 x	10	281	38 x	7	377	41 x	10
60 Bill Hardy, coastal WA	687	38	5				3	3	0
73 Brett Hanavan, vic San Diego	663	39	5	221	29	4	99	33	2
73 Lynn Burke, tidewater VA	650	36 x	6				18	7	1
69 Nancy Hardy, coastal WA	626	39	5				2	2	0
62 Donald Erickson, southern CA	621	42	8				375	38E	7
77 John Buehler, Toledo, OH	591	43 x	6	360	41 x	5	1	1	0
70 Weldon Childers, northwestern AL	587	32 x	3						
81 Neal Perdue, Falkville, AL	552	34	-						
75 John Clemer, Peoria, IL	500	37 x	3	4	4		10	8	
73 Paul Mount, northeast NJ	488	36 x	7	198	26 x	5	224	33 x	6
Eric Loy, Mahomet, IL	424	37 x	4	2	1	1	53	22	2
82 Bob Harrison, northeastern NJ	419	33 x	5	0	0	0	148	26 x	3
75 Stephen Ponder, Fort Worth, TX	396	35	4	10	4E	4	386	35	4
78 Paul Mount, southeast OH	390	36 x	3	60	25	1	3	3	0
59 Linda Brodsky, vic New York City, NY	374	35 x	7	108	36 x	6	43	26 x	3
70 Konstantine Rychalsky, central CT	370	33 x	6				315	32 x	6

69 Richard Noel Allen, northcentral OK	350	38	7	3	2	1	41	13	7
75 Michael Good, Boston, MA	334	33	x	8	6	3	1	8	5
47 Peter Taylor, San Francisco, CA	307	32R	7	1	11	0	263	32	7
63 Ed Gehring, W. Lafayette, IN	300	36E	7	30	10E	5	1	1	0
75 Gary Houdek, northcentral KS	294	34	3				31	21	1
52-Peter Taylor, Durham, NC	250	40	x	6			205	38	x
69-Bob Karचेvski, San Francisco, CA	249	36	5	197	35	5	198	36	5
76 Dave Holten, eastern WA	203	21	4				19	14	1
77 Charles McHarg, vic Seattle, WA	199	24	4				4	3	0
62 Ira Green, Cincinnati, OH	193	34	x	4			2	2	0
47 Peter Taylor, Miami, FL	174	29	x	4			132	27	x
77 Donald Woods, western Los Angeles, CA	139	21	1				99	26	x
72 Warren Greenberg, vic Boston	125	27Ex	6				48	x	9
38 Roger Anderson, metro Washington, DC	48	x	9				1017	48	x
55 G. Harley DeLeurere, Tucker County, WV	48	x	10				48	x	10
32 Ernest Cooper, tip of Cape Cod, MA							3601	48	x
46 Hank Holbrook, metro Wash., DC							1928	50	x
54-John Sampson, Omaha, NE							912	45	x
68-John Sampson, Winston-Salem, NC							450	30Nx	1
60-John Sampson, Hutchinson, MN							336	42	6
66 John Sampson, Cupertino, CA							258	17	3
65-John Sampson, metro NYC							181	33	x

CHIN a radio station turned on by ever-changing ethnic mosaic

By GAIL LEM

CHIN Radio Ltd. of Toronto, broadcasting in more than 30 languages, epitomizes owner Johnny Lombardi's devotion to the concept of multiculturalism.

The largest multilingual radio station in Canada has been beaming signals for 18 years, steadily adding languages and programs to accommodate new and growing ethnic communities in the Metropolitan Toronto region.

Mr. Lombardi, a first-generation Canadian, said he was deeply influenced by the experiences of his parents, who came to Canada from Italy for the future it offered them, but never because it was totally comfortable speaking English.

"My father was just an ordinary construction worker who scratched for everything he had and didn't speak the language. He was like all the other immigrants who just want opportunities for their families and for the future."

The most outstanding feature about Toronto today is that it is an immigrant city, Mr. Lombardi believes.

"It's no longer Tory Toronto or Anglo Toronto. It's a multicultural Toronto. We're all different and we should celebrate those differences rather than fight over them."

CHIN Radio, however, is not "building its future only on immigrants who have just landed."

"We're looking at the young people, the children of the immigrants who speak and do business in English but feel very

comfortable when they hear another language being spoken or when they hear an accent, who are now totally Canadian but very proud of their heritage. That's our market."

The station has attempted to divide air time according to the size of the various ethnic communities in the listening region. Italian-language programming has the largest potential audience at 425,000, while the Finnish community of 12,000 is one of the smallest.

The station programs in 30 other languages, including English for groups that speak it but are from different cultures, such as the Jewish and Caribbean communities.

Program hosts are drawn from the respective communities, in most cases making their debut in radio with CHIN.

CHIN FM, one of the original owners of the FM antenna on the CN Tower, is more diversified, broadcasting a myriad of news, musical, religious and talk shows around the clock. News and sports are broadcast each half hour in the same language as the programming.

CHIN AM, which goes off the air at 7:30 p.m., so its signal will not interfere with that of a U.S. station, is a prime beneficiary of a bilateral agreement on radio broadcasting signed by Canada and the United States last January.

The agreement gives Canada access to new or revised AM frequency assignments, and CHIN AM is expected to start 24-hour broadcasting by late September.

The AM station, whose signal has been beamed

from nearby Mississauga, Ont., for the past two decades, will move to the Toronto Islands at a cost of between \$1.5-million and \$2.5-million, Mr. Lombardi said. The additional air time is expected to result in a major expansion of the station's Chinese programming.

Roughly 80 per cent of CHIN Radio advertisers are small businessmen who primarily serve their own cultural communities. Advertising rates vary widely, depending not only on the number of spots purchased, but the probable size of the audience. A businessman seeking to reach the Korean community, for example, can purchase a 30-second commercial for as little as \$12 to \$15.

Plans about to build new premises worth an estimated \$12-million are a measure of CHIN's success. Besides the radio

station, the new location will house television studios, a record store, international boutiques and an eight-story senior citizens' residence.

Meanwhile, Mr. Lombardi is harshly critical of the concentration of ownership in the Canadian media.

"If the mass media, whether it be newspapers, television, or radio, is in the hands of the establishment, you and I are never going to be told the truth." CHIN has been treated "with a sympathetic and non-aggressive attitude" by the radio industry, Mr. Lombardi said. But then, it is not competing for the same audience.

"They don't see me as a threat because we're into something they could not understand and they do not do. They recognize that there is an audience. They all accept that there is a place for CHIN."

R&R/Friday, March 2, 1984

NEW SAN ANTONIO AM DUE APRIL 1

KSJL To Debut With McCann As PD

Kelly McCann has been named Program Director of Inner City Broadcasting's newest facility, KSJL/San Antonio. McCann, who formerly programmed KZZZ/San Antonio, KSET-FM/El Paso, and WHFM/Rochester, was most recently an air personality at WNYS/Buffalo. He indicated KSJL, a new 50kw AM at 760 kHz, will debut its "CHR format with an urban slant" on April 1.

KSJL President/GM Charles C. Andrews Jr. explained to R&R, "We're building this station from the ground up, and with our 50kw AM stereo signal, we'll not only serve San Antonio, but the regional population as well. Since this is my first opportunity to serve as a GM, I've surrounded myself with

the best radio professionals available, like Kelly. He has a complete understanding of what we're trying to accomplish, and I feel most fortunate to have him with me. KSJL will be very involved with all three of this community's major ethnic groups, and we'll provide what I think will be some very innovative programming."

McCann told R&R, "We're building the studios right across the street from the Alamo, the perfect place for a new station in this town. This is a rare opportunity to put a station on the air and not have to worry about cleaning up someone else's mistakes. We're going in with a clean slate and will do this right."

MUSINGS

PAUL SWEARINGEN
7310 ENSIGN AVENUE
SUN VALLEY, CA 91352

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc., or its subsidiaries. Times are local per Muse.

(Holy cow! What happened to all the Musers? Well, here's what dropped into my mailbox through Monday, March 5. The deadline for #25 is Mar. 31, and for #26, April 21 as we close out the 1983-84 DX season. USPS is not helping, as Ken Onyschuk's Muse arrived partially open, sans contents. Let's hope that some appreciative DX'ers work at the P. O. On with it ...)

Niel Wolfish - 15 Donwoods Grove - Toronto, ON M4N 2X4 (pm 2-24; rec'd 2-29)

I've waited 10 years (less 2 months) for this, but I can now say that I've reached 1000 stations heard!!! The milestone came on MM 2-13 in the form of WNOP-740 KY running ET between 2 and 2:58 am ELT. (Congrats, Niel - pls) Other DX of late ... 2-11: noted unnn KSJB-600 ND with the usual c&w mx. SSS on 2-12 caught WVIC-730 MI at their 6:15 s/off being badly battered by CBL-740. WVIC was one of the few stations that I had visited but never heard. Also on milestone Monday was the tail-end of the WHND-560 MI test. Verie already received; thank you very much, Fred! WCKY-1530 noted off at 3:00 am, but nothing heard underneath. On 2-16 at SSS, caught new WXAX-1170 SC with c&w mx at 5:28 pm and WIXE-1190 NC s/off at 6 pm. One other interesting catch was finding (John Malicky's closest unheard) WIXZ-1360 PA all alone at 1:20 pm! A little early for sunset DX in a location notorious for lousy daytime DX. Previous catches on this empty frequency (in the day) have been WHDL (Olean, NY) and WWOW (Conneaut, OH) but they were heard a lot closer to sunset or sunrise. Walkerton, ON has an application in for 1360, which would logically become a regular daytime pest. Incidentally, sunset and evening DX on 1360 usually results in WSAI/WKOP/WIXZ/WGEE/WDRG/WKMI. Nothing else in the Pittsburgh area (KDKA or KQV) was audible on 2-17, the day WIXZ was heard. 73's.

Betty B. Lord - 12 Lower Drive - Corning, NY 14830 (pm 2-28; rec'd 3-2)

My sincere thanks to all who sent messages of sympathy by way of notes, cards, and letters at Carleton's passing. You will never know just what they meant to me. I will always treasure the friendships we made in the club and hope I will continue to hold those friendships. I cannot make Denver, but who knows in 1985!

Dick Truax - 3003 Gleeson Ln. - Louisville, KY 40299 (pm 2-27; rec'd 3-1)

Just a few lines from the Derby City. DX activity is still high but results are low - a sign of the times. Going back to 1-2: WDKB-1600 FL with ID and soul mx, 7:32 pm. Then on 2-5 KMTL-760 AR with gospel mx and s/off 6:45 pm, no sign of WJR. 2-19: I must be the last to hear WKKE-1180 MS, but finally I did at 6:53 pm with ID and c&w mx. 2-26: WLNT-1140 TN with r&r and ID on test 12:40 am u/WRVA OC, asking for calls and reports. Then WKDO-1560 KY s/off at 6:21 pm, evidently 5 minutes late. First time ever logged here, even though only 100 miles away on a clear channel. Now boasting 1,000 watts, so maybe that helped it to get here! One response to date on my offer of shopping at Dayton April 28 at the largest flea market in the western hemisphere. If anyone else has a want list, advise prior to April 20 - I managed to satisfy 5 folks last year, including myself! More as it happens. I still have an SP-600 if anyone needs one.

Ed Mitkus - 3518 W. Azeele St. #113 - Tampa, FL 33609 (pm 2-27; rec'd 3-1)

Greeting to all! It's been awhile since my name has appeared in these pages. Small re-intro: I'm 27, now married, and work for a major restaurant chain. I still DX, but due to a powerline noise problem, not as much as I used to. Latest loggings: 11-22-83: WLOY, Hollywood, FL heard at 5:54 pm ELT with ID, 1320. Same day, WBAS-1330, Crescent City, FL, heard on PSSA, I believe at 6 pm with s/o. One of my most-wanted stations came through on 11-23-83, at 6:40 am, KTOK-1000, Oklahoma City, OK. Good catch here; caught the Cuban off the air. Also heard the brand-new station on 770, WKZY, N. Ft. Myers, FL on 2-21-84 at 7:00 am with legal ID, nice catch as they were on 1000 watts, night power. That become my 575th station heard on AM in Tampa. Heard at the local beach, on the 26th of Feb.: WWJB-900 Savannah, GA, at 6:30 am with PSA power of 229 watts. When possible I DX on the local beach. Most of my time is now taken up with work, and a trip to North Carolina next month. Hopefully soon, I'll have a rural area to DX in. I am truly saddened to hear of the passing of several members lately. Also, please advise as to when information for the new DX logbook is due; any new information that I have of Tampa bay stations, I will contribute. 73's and God bless. (Thanks for the log update offer, Ed. We are starting to finalize it now but have not set an absolute deadline yet. For the time being, you may send info to me with your Muses, as I'll be keying in at least some of the info -pls)

VIA PETER WEEKS



Karl Jeter - 2115 Scarbrough Road - Stone Mountain, GA 30088 (pm 2-29; rec'd 3-5) I decided it was about time to come out of hiding and send something in; the impetus to do this is both good and not-so-good. The latter is the passing of John Clements, whom I had met and known through the NRC conventions I have attended since 1976. What a shock, to say the least, and we've lost a true, dedicated hard worker as well as a good friend. On to happier things ... DX has picked up a little around here, as have veries, after a lousy start in '84. No veries came in during Jan., but in Feb., the following six were received: WEKG-810, KLEO-1480, KPNW-1200, WJXN-1450, WRDS-1500, and KCLO-1410. The KPNW verie was my first from ND, and also state #44 verie-wise. (Needed here are AK, HI, ID, OR, ME, and VT) but I probably wouldn't have it without Dave Schmidt's help! February DX so far in review: 2-11, by carefully phasing local WGST-920, I was able to hear the s/on of WMMN-920 at 5:59 am EST - unfortunately, I taped over this and lost it - rats! (Oh, you mean I'm not the only DX'er that does that? - pls) On the same morning, WKEE-800 hrd with r&r and ments of "River City" 7:28-7:41 am. I had this one listed as WHTN, but logged many years ago as WKEE - did they switch back to the earlier calls? A little later, much-wanted WJAT-800 sneaked in at 7:59 am, but not enough for a repeat, natch. 2-19: 6:04 am, WCKI-1300 bagged with c&w and "CKI" slogans; later that evening, WKOJ-1310 heard with s/off 6:45 pm - call change, apparently. The WLNT-1140 test made it in here fairly well 2-25 from 12:00-12:40 am with c&w mx, short TT's, and freq. full ID's with much info about station. An excellent test, thanks, Tom Connatser! Most recent DX: 2-26: WULV-1320 logged with s/off 6:43 pm, folo by unn KCNB-1320 later at 6:55 pm with B-SOL mx. 2-28: twin newies on 1370: KAPB at 6:57 s/off with FM ment (KWL-97.7) and SSB and a few minutes later at 7:00 pm, KTPA hrd weakly with s/off, ment. 6 am s/on. Speaking of newies, the new addition to our family should arrive by the time this appears in print! (And congrats to that! -pls) 73's for now.

Neal A. Perdue - Route 1, Box 154 - Falkville, AL 35622 (pm 3-2; rec'd 3-5)
The shack finally got so crowded that I couldn't turn around in it, so some major revisions have been made. The like-new R390A is on the floor, the Wedge loop went out to the barn again, and the main BCB DX gear now is the RF-2900 and Ski loop. I've always had this thing for two loops working together - the outdoor loop and the rx internal loop. I'm also into Ute DX now, and had to make some room for that rx. The first cashier's check for \$400 will get the R390A with about 40 spare tubes delivered freight-collect. That's a real steal, folks. The VFO is a bit drifty, but that won't affect BCB DX'ing at all. Instruction manuals up thru "4th echelon" go with it. I'd like a backup RF-2900 and would take it and \$250 for the Beast. I also have a brand-new RF-2200 which I'll let go for \$135 postpaid. Internal Revenue and I are having a problem, and they won. The Wedge is free to anyone who could come here and pick it up. I'll also consider a clean R-1000 in trade for the Beast, as I need a good SSB rig for Utes. /// Tnx, Paul for letting me use the section for trades - I need to move quickly on this or IRS will be putting liens on my property. (No sweat - pls) During the latter half of the month, I concentrated on Utes, but did log a few new MW stns: WQUE-1200 LA was hrd at 0110 with ID's as "13-Q" with ROK, ex-WGSO, and WKCM-1160 KY at 2009 with c&w mx, moved from 1140. Nice openings just before mid-month during SRS cx, to the NE, but they have already gone to DDXD. /// I've been working 2nd and 3rd shifts, and have had odd hours available to DX, but I'll surely be glad when the new LEE plant opens at Holly Pond and I take charge of Security operations there on day shift, and chase my favorite SSS cx again. /// Almost forgot - I have a decent Hallcrafters SX-100 for sale for \$100 postpaid - no manual. Guess that's all I have to sell. Might let the wife and kids go for the right price, hi. (Send description of abilities in next Muse, hi -pls) /// Phone # here is (205) 482-2962. Best time to catch me is Tuesday evening. No collect calls, please. /// I hope we'll have a choice of comb binding or loose leaf on the next Dom Log. I go for the former. The loose-leaf pages will tear up quickly, I'm afraid. /// Gee, I'm tired - stayed up 28 hours yesterday, got 6 hours sleep, and worked 2nd shift tonight. /// 73 de Neal.

Paul Swearingen - 7310 Ensign Ave. - Sun Valley, CA 91352 (818) 765-7651
Remember, if you plan to attend the memorial DXpedition to Twentynine Palms March 23 and need more information, give me a call. We'll probably arrive out there late in the afternoon March 23 and stay through some time Monday, in shifts. Central America, the Caribbean, and South America should be audible, depending upon cx. 73.

Waac radio

161 OHIO STREET • 1984 WACR • 190444

WATI

3490 BLUFF ROAD

INDIANAPOLIS, INDIANA 46217

Former star ballplayer-turned-broadcaster Jimmy Piersall has filed a \$5.7-million civil conspiracy suit against the owners of the Chicago White Sox and the management of NBC-owned WMAQ Radio in Chicago. Piersall charges that he was unjustifiably fired from his WMAQ sports-commentary job, and that the station and Sox owners Jerry Reinsdorf and Eddie Einhorn tried to prevent him from finding a new broadcast gig. Piersall now hosts a nightly sports-talk program on WIND Radio in Chicago, a Group W station.

from GARY DEEB COLUMN/TV WEEK WISC. STATE JOURNAL (Mick)



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HAP DIRECT SALE ITEMS: The following stickers/decals are available for \$.25 each or any 5 (five) for \$1.00. New since last issue: KBBX, CPUN, KWK, CFRA, WLD, Mercia Sound, KROY, WGAN, WJUP, KLOS, CFMO and WSM. We also have the following: RBI (large) (small), Die Lutherische Stunde, CFRB, Radio Bare, Radio SuperStar, CFCR, CKUA, CFRN, CKGY, Radio 210, Disco-99, Anarc Radio, NJNC, RCI, RPI (blue) (red), Radio Vatican (small) (semi-cir.) (square), KCFM, ANARC (small), CFPI, RNE, WDR (rock) (small), Radio 270, 55-Country, Radio Derby, Rede Quattro, Folskie Radio, Radio Budapest, ORF, Metro Radio, KBOI, KPNW, KDKD, WCFL, WINS and ESEN.

ADDITIONAL DIRECT SALE ITEMS: The following items are available at the quoted prices: WLPX, WMMR and WNET metal badges at \$.25 each; mini-B&W poster from Radio London, Radio Nord, Voice of Syncon, Radio West, Radio Buenos (car) (woman), Radio Fil Rose, Radio Caroline each for only \$.25 each; RBI and Radio Beijing book markers at \$.25 each; WMMR book covers at \$.25 each; metal "Antenna" badge at \$.25 each; RBI plastic station pennants at \$.50 each; WMMR large plastic litter bags at \$.50 each; RCI DJ photo cards at \$.50 each; and KIVI-TV plastic litter car bag at \$.50 each.

HAP BID ITEMS: ITOM #428: WMSJ blue and yellow razor-very nice; #429: WMSJ red and white razor-very nice; #430: Mercia Sound (UK) station pen, B&W, red; #431: CKO red and white station pen; #432: Mercia Sound 12" ruler, red, B&W-sharp; #433: FEBG (Philippines) paper pennant (4x9") m/c-rare; #434: Radio Peking "Mountain Village" cloth pennant (5.5x10.5") m/c; #435: Moray Firth Radio (Scotland) decal (2x12") m/c-nice; #436: Radio Five (South Africa) sticker (3x3") m/c; #437: Radio RSA (South Africa) T-Shirt (M) blue, white-very good looking!!; #438: Radio Korea cloth pennant (4x8") m/c; #439: WMSJ decal (5x5.5") m/c-very beautiful!!; #440: WMMR "Cleveland Indians" sticker (3x1.5") m/c; #441: CARF (Canada) sticker (2.5x8") m/c; #442: Radio Northland (New Zealand) sticker (4.5x6") m/c; #443: Deutschlandfunk (FRG) vinyl double sided pennant (5x8") m/c-excellent item!!; #444: Springbok Radio (South Africa) paper hat, green, yellow; #445: WPEZ paper hat, blue, white; #446: CHC-SouthWest Ontario plastic litter bag (7.5x10") gold, white; #447: Mercia Sound 24 page magazine (8.5x11") m/c-interesting; #448: Radio Libertaire (France) sticker (3.5x3.5") B&W; #449: RBI (DDR) station pin, blue, white; #450: KEZK-FM match book, brown, white; #451: CFMO station pen, gold, blue-very beautiful!!; #452: ORF (Austria) oval sticker in French, red, B&W; #453: Radio Moscow OSL card (4x6") m/c; #454: Mercia Sound key chain, red, white; #455: RBI double sided cloth pennant (5x8") red, white, blue; #456: Deutsche Welle cloth pennant (6x13") blue and white-very nice looking!!; #457: WMDW black and yellow razor-very nice!!; #458: Radio Veritas (Philippines) paper pennant (3x5.5") red, black, blue; #459: Radio Casino (Costa Rica) cloth pennant (4x8") green, white; #460: Radio Sweden cloth pennant (4x9") blue, yellow; #461: Radio Sweden International paper pennant (4x9") blue, yellow; #462: Radio Libertaire (France) "La Voix Sans Naitre" sticker (3.5x5.5") B&W-nice; #463: ADDC (FRG) sticker (4"x1") gold, blue-very good looking!!; #464: Mercia Sound decal (3x14") m/c; #465: MCVZ sticker (3.5x1.5") m/c-very colorful!!; #466: WGBI sticker (3.5x14") red, white, blue-nice; #467: WMMR decal (3x7") pink, white-nice!!; #468: Deutsche Welle (FRG) B&W station pen-nice!!; #469: Deutsche Welle leather key chain w/ money pouch, B&W-sharp; #470: Deutsche Welle key chain w/ combination knife and can opener, black, silver-beautiful!!; #471: Deutsche Welle new style sticker in English (4x4") m/c-beautiful!!; #472: Deutsche Welle new style sticker in German (4x4") m/c; #473: Deutsche Welle sticker in Spanish (4x4") red, white, blue; #474: Deutsche Welle sticker in German (4x4") green, B&W; #475: Deutsche Welle sticker in English (4x4") green, B&W; #476: Deutsche Welle new style sticker in Spanish (4x4") m/c-beautiful!!; #477: KROR-97 blue and yellow frisbee (9") m/c-nice!!; #478: Radio RSA blue and white T-Shirt (L) with logo-beautiful!!; #479: WNSH T-Shirt (S) white with yellow sleeves; #480: WNSH T-Shirt (S) white with black sleeves-very good looking!!; #481: BRT (Belgium) large plastic paper holder (2.5x6") blue, black; #482: BRT large plastic paper holder (2.5x6") B&W; #483: Radio Bristol (UK) cloth arm patch (2.5"x1") red, white; #484: Radio Bristol sticker (5"x1") red, white; #485: BRMS Radio (UK) sticker (5"x1") red, B&W; #486: CKO sticker (3.5"x1") m/c-nice!!; #487: KUON double sided record coaster (3.5"x1") B&W; #488: 4XO (New Zealand) sticker (3x7.5") white, blue, yellow; #489: Radio Peking cloth pennant "Girl w/ Building" (6x11") m/c; #490: Radio Peking cloth pennant "Boy and Girl w/ balloons" (6x11") m/c; #491: Radio Korea sticker (3.5x5.5") "Wedding Day" m/c-beautiful!!; #492: Radio Monte Carlo (Monaco) sticker (2.5x6") red, white; #493: Swansen Sound (Wales) decal (4.5"x1") m/c-beautiful!!; #494: Radio Forth (Scotland) key chain, B&W, orange; #495: Radio Sweden money pouch, black, gold; #496: Radio Shetland (Shetland Islands) sticker (3.5"x1") green, white; #497: RBI (DDR) plastic badge, m/c-sharp looking!!; #498: CKXL rainbow sticker (5x5") m/c; #499: South Coast Radio (Ireland) sticker (4x4") red, white, black; #500: Radio Forth (Scotland) paper coaster (3.5x3.5") orange, B&W; #501: KATH (Hawaii) sticker (4x7") blue, white; #502: HCJB-FM (Ecuador) sticker (3x8") B&W-very nice!!; #503: KNUH (Hawaii) sticker (4x7.5") red, white; #504: Radio Nacional do Brasil sticker (3.5"x1") m/c-beautiful!!; #505: KWVI (Virgin Islands) sticker (3x5") blue, white; #506: Radio Berlin International (DDR) large plastic litter bag (11x17") m/c; #507: Radio Sweden station poster (12x16") m/c... Hope you like this selection... Sam.

ADDRESS: Send your bids and orders for direct sale items to Sam Barto, 47 Prospect Place, Bristol, CT, USA 06010. Please try to keep your minimum order on direct sale items to at least \$3.00. Overseas orders please add extra if you desire airmail delivery... Sam.
REQUEST: We would like to make the 1984 ANARC Convention in Toronto the most successful event ever. We desperately need any, and all types, of radio and TV station promotional items. These may include, but are not limited to, stickers, decals, pens, pins, mugs, books, records, T-Shirts, station pennants, coasters, litter bags, razors, rulers, hats, key chains, match books, frisbees, patches, etc... We are asking you, our supporters and friends, to help us out. Please send all donations to the above address... Sam.