

DX News

* Serving DXers since 1933 *

Volume 64, No. 16 - January 27, 1997 (ISSN 0737-1659)



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CPC Test Calendar

WYTI	VA	1570	Feb. 1	0000-0030
KATZ	MO	1600	Feb. 3	0200-0230
WHLO	OH	640	Feb. 10	0100-0130
WBOW	IN	640	Feb. 16	0030-0100
KHMO	MO	1070	Feb. 17	0100-0130
WPPI	GA	1330	Feb. 22	0000-0200
KIMM	SD	1150	Feb. 23	0200-0300
KALM	MO	1290	Feb. 24	0100-0130
WCGW	KY	770	Mar. 2	0515-0545
KFGO	ND	790	Mar. 3	0100-0130
KKFJ	CA	570	Mar. 23	0300-0400

WWCN-770 - P. O. Box 9600 - Estero, FL 33928 will conduct DX tests from 0030-0100 am EST on Jan. 28, 29, 30; Feb. 3, 4, 5, 6, 10, 11, 12, 13, 17, 18, 19, 20, 24, 25, 26, 27; March 3, 4, 5, 6, 10, 11, 12, 13, 17, 18, 19, 20, 24, 25, 26, and 27 at 1,000 watts directional between 12:30 and 1:00 am EST January through March. The tests will include Morse code IDs inserted during their regular programming of old-time radio serials and vintage comedy. Reception reports may be sent to Mr. "Joey C.", Program Director. Arranged by J. D. Stephens for the IRCA CPC.

From the publisher ... The DXN postal delivery issue has generated a number of positive and negative comments concerning the USPS as well as the quality of life in general! Be sure to get those delivery times from #8-15 to the publisher ASAP. For the record, #15 went out Saturday morning instead of the usual Friday evening.

Publication ... NRC member "Uncle Skip" T. J. Arey is the proud author of a new book, *Radio Monitoring - the How-To Guide*. Skip has covered the entire spectrum of radio listening, including MW, SW, VHF/UHF scanning, and more, but he has thoroughly covered the broadcast bands, something other radio hobby books tend to pass over in favor of the rest of the spectrum. The book is already a selection of the McGraw-Hill Electronics Book Club; it's also available by mail from Index

Publishing Group - 3368 Governor Drive, Suite 273 - San Diego, CA 92122 for \$19.95+\$4 S&H (California orders, add 7.75% tax); or 80-546-6707 (<<www.electricti.com/~ipgbooks>>)

Welcome to these new members ... Alan Gibler, Ashtabula, OH (rejoins); Paul D. Lieb KH6HME, Hilo, HI; Robert A. Sutton, Jr., San Antonio, TX; Beverly Welker W7HPT, Portland, OR; William G. McDowell K4CIA, Raleigh, NC (rejoins); John L. Rouse KA3DBN, Bowie, MD; L. Jim Plume, Syracuse, NY; Claude L. Pennington, MD, Macon, GA; Martin Greer, West Lunceston, Tasmania, Australia; Donald Murray, Scranton, PA; Jack L. Coulter, Fort Meade, FL; Andrew Draxler, Locust, NJ; David A. Coons, Orlando, FL; Jay M. Novello, Wake Forest, NC (rejoins); Paul E. Choroszy, Biddeford, ME. I mailed 782 copies of DXN last week; we attribute the drop from the high of 820 members to those who joined after reading an article on the NRC in QST but only stayed for a year. Sorry we couldn't be of more service! Although membership is gradually on the rise, now is the time to send the publisher the names of prospective members ... perhaps anyone who is interested in any aspect of radio, including collecting radio artifacts, monitoring, or perhaps working at a radio station. No need to send postage; we'll cover that. Also, if your group is planning a meeting in the near future, why not include DXN as a give-away at the meeting? Just let the publisher know how many copies you'll need, and they'll be sent book rate (allow at least two weeks or more).

DX Time Machine

From the pages of DX News:

50 years ago ... will return next week!

25 years ago ... from the January 29, 1972 DXN: New members included Alan Gibler, Madison OH ... After a repair bill of \$90, Musings Editor Ernie Cooper's typewriter was back from repair and working "like a charm."

10 years ago ... from the January 26, 1987 DXN: Ernie Cooper, Provincetown, MA bagged a new one on 640 in WCRV, Collierville, TN, 12-29, at 2:58 am.

2 AM Switch

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

Old call	New call
600 CFCH ON North Bay	CKAT
1260 KNNS CA Beverly Hills	KGIL
1600 WKEN DE Dover	WQCQ

WDUZ

AM/FM
Green Bay Broadcasting Company
810 Victoria Street • P.O. Box 36
Green Bay, Wisconsin 54305

APPLICATIONS FOR NEW STATIONS

None

GRANT FOR NEW STATIONS

1240 MS Flowood: 1000/1000 U1 (reissue of a CP that had expired, will retain the previously issued call of WPBQ)

APPLICATIONS FROM EXISTING FACILITIES

850 CKVL PQ Verdun: to 95.1 FM, will surrender AM license if granted (there are several other AM stations in the Montreal metro also seeking 95.1)
940 CBM PQ Montreal: to 88.7 FM, will surrender AM license if granted
980 CBV PQ Quebec City: to 106.3 FM, will surrender AM license if granted
1050 KBBV CA Big Bear Lake: 1000 D1, city of license to Loma Linda, CA

GRANTS TO EXISTING FACILITIES

580 WGAC GA Augusta: 3900/840 U4, relocate transmitter
610 WRUS KY Russellville: 1800/59 U1, relocate transmitter
620 WHJB PA Greensburg: 1300/13 U1 (modified existing CP)
660 KGDP CA Orcutt: 5000/7000 U4
980 KCHT WA Selah: antenna to U4, relocate transmitter
1250 WREN KS Topeka: 15000/3700 U4, city of license to Kansas City, KS, relocate transmitter site
1390 WISK GA Americus: 1000 D1

OTHERNESS

620 KZTY NV Winchester: application for 330/230 U4 has been DISMISSED (Note this CP for a new station is still active; only the application for power modification has been dismissed)
830 WKT X OH Cortland: CP for 970 D1 is on
1070 WHY Z SC Sans Souci: silent station is ON THE AIR
1080 WDS Y PA Pittsburgh: station is SILENT again
1160 WVN J NJ Oakland: CP for 20000/2500 U4 is on
1280 WGT X FL DeFuniak Springs: silent station is ON THE AIR on this frequency (has CP to move to 890)
1300 WJS H IN Terre Haute: silent station is ON THE AIR and relaying WSDM-FM Brazil, IN, station said this is permanent but the 1130 kHz station will eventually return to the air (see AMS I-12)
1310 KFS B MO Joplin: station is SILENT
1320 WTS S PA Scranton: silent station (since 3-93) plans to beat the February deadline by returning to the air diplexing into the towers at WHOL-1600
1380 WAM S DE Wilmington: silent since 5/91 when they lost their transmitter site, plans to beat the February deadline by returning to the air diplexing into the WILM-1450 tower, power unknown, antenna will be U1
1400 WHA L TN Shelbyville: station is SILENT
1440 KF P MO Salem: license CANCELLED, call DELETED
1510 WRN J NJ Hackettstown: station confirms that they never used the sequentially assigned call WAIU (see Call Notes in Issue 12)
1570 WBUX PA silent station is ON THE AIR with testing from their new antenna site, may be on regular schedule by the time you read this
1600 KWOM MN Watertown: new station is ON THE AIR

THANKS: Ed Krejny, Don Kaskey, John Hanz, Dave Schmidt, Gerry Bishop, Al Merriman, Fred Vobbe, Mark Burns, Wayne Heinen & MSJ
Look for one more AM Switch next week before we head south to do our NASCAR thing for three weeks, ergo no AMS in Issues 19-20-21.

73 and Good DX, Jerry Starr & Buffalo K. Foonman *Jerry & BKF*

(And ... congratulations on this, your 400th "AM Switch Column," Jerry. You deserve a few weeks off, hi! -pls.)

Radio Roundup

Pete Kemp (KZ1Z) PeteKZ1Z@aol.com
P. O. Box 73
Bethel, CT 06801-0073

News of the radio industry, of interest to DXers

Greetings all ... After a very long radio run talk show pioneer Barry Gray has died at age 80. He spent many years on WMCA in New York, moving over to WOR-710 six years ago ... NRCer Terry Jones reports that Midcontinent has purchased KRRO and WSN. They currently own KELO-AM/FM. The bottom line Sioux City is that two groups will own ten of the eleven commercial outlets in the city. Also, according to Terry, 80% of all tractor radios are tuned to KXRB-1000 ... KOMO's morning vet of 26 years Larry Nelson has left the station ... Dr. Laura has added WTVN to her affiliates list ... Joe Crummy is back on KMPC talking it up replacing Michael Reagan. Also on the station Bob Heckler was shown the door in favor of Marilyn Kagan. Dr. Joy Browne is now heard over nights ... The Radio Hall of Fame has five new members. Inductees include: Jack Brickhouse, Jerry Williams, Susan Stamberg, James Quello and the late Wolfman Jack (Robert W. Smith) ... WVNJ has thrown the switch and is now operating with 20,000 watts. Their on-air line up has a number of band vets from WNEW's "stable" including Jim Lowe and Ted Brown ... Veteran oldies DJ Max Kinkle (ex-CKLW and WCBS-FM) is the new morning man on WCZX/WZAB-FM combo in Poughkeepsie ... Rocker Ted Nugent is now a morning man, having accepted a fulltime slot on Detroit's WDZR ... Former KABC Radio psychotherapist and author Dr. David Viscott has died of a heart attack at age 58 ... From the What's-in-a-Name Department, here is a great name for a WOGY personality, Polly Wogg ... NRCer Art Blair reports that Sacramento's KSTE's Dream Weaver Stephanie Doran has left the station ... Sonny Block has pleaded guilty to tax evasion and lying to the Securities & Exchange Commission ... ABC Networks has dropped its Z-Rock format; has it just outlived its usefulness? The Network has offered their Classic AOR and MR-35 services as suitable replacements ... WFAS, in White Plains, NY has become a CNN radio news affiliate ... With all the bottom liners running the stations these days, it came as no surprise to note that KCBS-AM and KPIX-TV are merging their news staffs ... WINZ, in Miami is dropping its evening sports talk in favor of hard news ... WBLX is now programming Radio AAHS ... WTLC has given up its Gospel format for Urban Oldies programming ... If you are an Internet addict, check out the latest Real Audio 3.0 software. You can listen to stations and programming all around the world with excellent clarity ... KABC in Los Angeles has given Roger Barkley the boot. His replacement in the morning drive slot will be Peter Tilden ... KPIX-AM has gone all talk, even adding Imus in the morning ... WWRC has been named the new flagship station for the Washington Bullets of the NBA. They previously been the property of WTEM... Jay Marvin has left WLS ... Lou Canellis has moved his sports hat from Chicago's WMAQ to WMVP... Tickle-Me-Elmo may be the hottest item of the holiday season, but I sure hope the news spots and promotions will follow the way of the Macarena ... Male chauvinists are saddened to learn that the Hooters on Radio Show has been pulled. It seems that the hostesses couldn't get along and that re-runs have been running for a month ... If you would like to contribute to this column, I may be reached at the address above, InterNet PeteKZ1Z@AOL.COM, the FIDO system in the Shortwave, Ham or Broadcasting echo areas, The Oracle 1:141/1015, or amateur radio packet, KZ1Z @ K1UOL.CT. So much for now.

NRC Letter Opener

\$1.75 each! Sturdy yellow plastic ... opens letters, cuts string, package wrapping, and more! Order from NRC Publications - NY orders, please add sales tax.



Domestic DX Digest

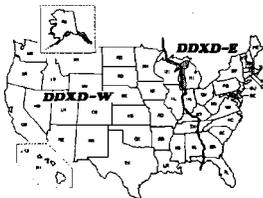
West: Bill Hale billhale@wazoo.com

301 Boulder Bluff - San Marcos, TX 78666-8350

East: David Yocis DavidYocis@aol.com

David Yocis - 97 Clinton Ave. - South Nyack, NY 10960

(Division line is
between East and
Central time zones)



DX Catches in the U. S. and Canada, with 24-hr. ELT

DDXD-West

MEDIUM WAVE RAMBLINGS

- CPC guru J.D. Stephens writes: "Saw the info under 'Special' in a recent DX News stating that, per an Internet post, WJCE-680, Memphis, TN had changed formats in preparation of changing calls and formats in the near future. I remember seeing the post, which originally mentioned the call sign and the city of Nashville only. Intrigued, I called Chief Engineer Skip Reynolds of WJCE-680 in Memphis to ask him about it. The station changing formats is WJCE-FM in Nashville, which, according to Mr. Reynolds, is owned by the same company, Keymarket Radio/River City Broadcasting. There are no plans to change calls or format on WJCE-680 in Memphis." Hopefully, that puts an end to the WJCE speculation. I keep saying that many blind "Internet" posts are unreliable, and to wait until you see the official word in AM Switch before changing your Log.
- John Wilkins asks about a comment of mine in IDXD from Issue 12 about whether I was hearing 640 in Ciudad Juarez or Radio Uno in Hidalgo del Parra. My referral was to XEJUA, which I've heard as far north as Ruidoso, NM and as far south (actually southeast) as Van Horn, TX on I-10. Definitely XEJUA, with Juarez and El Paso mentions. Even before I noted XEJUA on for the first time about August, I couldn't hear Radio Uno from Hidalgo from here. From LSS to LSR it's all KFI, with some SS (probably Uno, but not confirmed) behind. Terry comments: "Those CBC stations don't seem to ID very well, mostly just the city. So you seem to need to use a ball-park guess. . . typical government operation." Thanks to Ron Bailey from Shelby, North Carolina for his extensive Graveyard report. His new records appear at the end of DDXD-West.
- I continue to get reports of DX tests with the mailing address mis-identified as the city-of-license. Grrrr. Most (almost 99%) reports of the WWCN-770 tests have indicated "Otero" instead of North Fort Myers as city-of-license. C'mon folks. If you can't report the correct city, well . . .
- Remember . . . NO MORE E-MAIL to my Wazoo address. Stay tuned for a new electronic address for DDXD-West as soon as I get situated.

REPORTERS

DS-TN Doug Smith Pleasant View <72777.3143@compuserve.com>
 JJR-WI John J. Rieger South Milwaukee Drake SW8, Kiwa loop, MFJ 959B tuner-preamp
 <winner98@webtv.net>
 CR-IL Christos Rigas Wood Dale Kenwood R-2000, Kowalski loop <paok@Juno.com>
 JEL-AR J.E. Lewis On a trip to Fayetteville ICF-7600G + Select-A-Tenna
 JW-CO John Wilkins Wheat Ridge Drake R-8 + 4' loop + M & M's
 JR-OK John Reed, KA5QEP Ponca City modified Sylvania R1414/URR + noise-reduced
 wire + Palomar loop phased with ANC-4; Kiwa MW loop <jtreed@iamerica.net>
 SA-MB Shawn Axelrod Winnipeg ICOM R-70 w/filter mods and PLAM board + 4' box
 loop/Quantum Loop/100' lw <saxelrod@mb.sympatico.ca>
 KO-IL Ken Onyschuk Joliet GE Superadio II
 BF-IL Barry Finkel Chicago Yaesu FRG-7700, McKay-Dymek DA-5 antenna
 <bsfinkel@anl.gov>
 BK-CA Bob Karchevski Sunnyvale Drake R8-A with SM-1 (loop) <karchev@nortel.ca>
 TJ-SD Terry Jones Plankinton DX-350 + Select-A-Tenna
 INet Internet Resources (Sometimes unreliable)
 Ed.-NM Editor Alamogordo ICF-2010 barefoot

SPECIAL

630 WDGY WI Hudson - Heard testing from this new site. The legal ID is: WDGY: Hudson, Minneapolis/St. Paul. (INet)



- 740 WMIN WI Hudson - Adds NBC News. (INet)
- 930 WAUR IL Sandwich - 1/2 1414 - Now with Radio Aahs format. (CR-IL)
- 1130 KBMR ND Bismarck - 12/22 1800 - Good signal, with legal ID as KBMR Bismarck-Mandan. So not "KVLV" as surmised by WH-CO in Issue 11. (JW-CO)
- 1220 WEZU MN Stillwater - 1/1 - Now these calls, ex: WIMN. Format remains NOS. (INet)
- 1260 KNNS CA Los Angeles - An INet rumor has it they've been running an "All-Beatles, All The Time" format in preparation for a subsequent change to standards, and breaking from their // arrangement with 540 in Costa Mesa. The same rumor says 540 (and their expanded band frequency of 1650 kHz) will program classical as "K-Bach". Can any So-Cal'ers confirm this? [Ed.]
- 1350 KCHK MN New Prague - Now MBS Network, (along with the FM), ex: USA. (INet)
- 1360 KRWC MN Buffalo - Now NBC News, ex: MBS. (INet)
- 1430 WMAK TN Madison - 1/10 2000 - BACK ON THE AIR. Relays WAMB-1160, with La Sabrosita in SS at this time but back to EE easy-listening/nostalgia music by 2330. Dual ID for both AMs, and occasionally for 106.7 FM. (DS-TN)

UNIDs and UNID HELP

- 990 UNID ?? - 12/24 2345 - Poor-to-fair, in CBW null (playing *Amahl and the Night Visitors*) with One-on-One Sports. No local mentions during breaks! Really annoys me. At least on Prime Sports there's a decent chance to get an ID. Only possibilities are WTIG-OH and WCMY-NY. (KO-IL)

KRGI

AM 1180 FM 96

DX AND EQUIPMENT TESTS

- 560 KPQ- WA Wenatchee - 1/11 0300 - Not heard only KWTO and WIND. (SA-MB)
- 980 WAPP- MS McComb - 1/13 0200-0230 - KFWB-CA dominates with SS music in bg [bg - ??? - Ed.]. (Maybe "background"? - pls) No sign of tones, Morse code, etc. If I null KFWB, I get a strong "hiss". (BK-CA)
- 1140 WAKK- MS McComb - 1/13 0130-0200 - KHTK-CA only; no sign of a second station. (BK-CA)

TIS & OTHER STUFF

- 800 WPIJ539 IL O'Hare International Airport - Noted on this frequency for the past few months, with airport parking information. When this first came on the air back in October on 1995 it tested with call letters WNEN716 on 870 kHz. When it went into regular programming it switched to WPIJ539, still on 870 kHz. In about mid-1996 (I don't know exactly when) it switched to 800 kHz, where it is now. (CR-IL)
- 1630 WPGE863 IL Buffalo Grove(?) - 12/18 1810 - Fair, testing with the following loop message: *This is WPGE863 at the Lake-Cook Road Depot. This transmitter is licensed to, and operated by the Northeast Illinois Commuter Rail Corporation, also known as METRA. The intention of this radio station is to provide directions, available parking and other pertinent information of the METRA commuter rail system. This system shall be on line shortly. I am not very sure about the location of this depot. I am just assuming it is in Buffalo Grove, IL.* (CR-IL)
- WPGE863 IL Schaumburg - 12/23 1833 - Fair with WPGE863 looped out. Same announcement as above, but Lake -Cook Road Depot changed to Schaumburg Depot. The Schaumburg METRA Depot is located at 2000 S. Springinguth Road in Schaumburg, Illinois. (CR-IL)
- WTED863 IL ?? - 1/12 2300 - Northeast Illinois Computer Rail Corporation, doing business as *Metra at the Hickory Street depot. This system will be online shortly.* I'm not sure of the call letters/numbers, and I have no idea where the Hickory Street depot is. It may be on the new Wisconsin Central branch of the Chicago area commuter rail system. (BF-IL)

MIDNIGHT TO 0800 HOURS ELT

- 1010 CBR AB Calgary - 12/31 0706 - Fair, with Radio Australia segment (Australian Stock Market Report), weather conditions across Canada, CBC Overnight, the Radio France International segment. (TJ-SD)
- 1130 CKWX BC Vancouver - 12/27 0754 - Ski reports every 30 minutes on Newsradio 1130, CKWX. Fair, over QRM. Haven't heard KWKH for quite a while, always CKWX with the loop NW-SE. They're still on, aren't they? [KWKH makes it this far, hi - Ed.]. (JW-CO)

- 1500 KJIM TX Sherman - 1/10 0745 - IDing as *K-Jim*, playing oldies. KSTP-MN (usually dominant) was weak and fading. (JR-OK)
- 1530 KCLR TX Ralls - 1/14 0703 - At first heard SS, then what may have been end of sign-on in EE: *This is KCLR Ralls, Texas serving Lubbock...* (fade) ... SS talk into soft instrumental music. Poor, with KOMA splash. [Ed.-NM]
- 1580 WDAB SC Travelers Rest - 1/11 0658 - In fair, with satellite NOS and WDAB-AM 1580" IDs. Was CNN News. (JJR-WI)

0800 TO 1600 HOURS ELT

- 730 KSVN UT Ogden - 12/27 0900 - SS/EE legal ID: *La Mexicana Kah-essay-vay-enay*, KSVN Ogden-Salt Lake City and into SS talk. Poor in QRM. (JW-CO)
- 830 CKKY AB Wainwright - 12/27 0920 - *Today's Hot Country and your all-time favorites, this is Key 83*, then C&W song. Fair-to-good, and alone on frequency. (JW-CO)
- 940 WYLD LA New Orleans - 1/6 0810 - Gospel music, call ID. New here. (JR-OK)
- 1260 KWYR SD Winner - 1/11 0812 - Local weather, ads - weak signal. (JR-OK)
- 1000 KOMO WA Seattle - 12/28 0903 - News from Ai Network, local weather at 0905 on *Como News 1000*. Into *Working Mom on the Run* at 0906. Fair signal. (JW-CO)
- 1030 KLMO CO Longmont - 12/24 0830 - Fair, with *KLMO Longmont* ID, then *Paul Harvey News*. Faded back into the gunk. (TJ-SD)
- 1090 CKRX AB Lethbridge - 12/24 0851 - Poor, with ID as *CKRX, South Alberta's Home of Rock and Roll*. ROK music into weather and news items. (TJ-SD)
- 1460 KDMI IA Des Moines - 1/10 0802 - Preaching, call ID and winter storm warnings. (JR-OK)
- 1540 KDYN AR Ozark - 1/9 0813 - Call ID, news. Fading with QRM. (JR-OK)
- 1560 KBEW MN Blue Earth - 12/29 0913 - Choir music, woman with call ID at 0915, followed by message from pastor of Lutheran church in Wilhelm. Briefly fair over KKAA. (JW-CO)

1600 TO 2400 HOURS ELT

- 570 WVMi MS Biloxi - 12/23 1945 - Good, with mention of effects of wind chill on pets and into ID, then CNN News. Alone on channel. Rare here. (JEL-AR)
- 880 KRVN NE Lexington - 1/6 1940 - Call ID and C&W music. Only strong on lower side band. SS station on upper side band, where KRVN was not heard. (JR-OK)
- 940 WMWR GA Macon - 1/8 2058 - Poor signal, with a clear AM 940 WMWR ID in a mess with CBM and CJGX. NEW. (SA-MB)
- WIDG MI St. Ignace - 1/10 - In unusually fair-to-good, prior to fade out at 1738. Cool 94 & Cool 94 AM non- IDs, with satellite oldies. (JJR-WI)
- 1070 WTSO WI Madison - 12/23 1922 - With *Tom Lycka*, local weather, PSAs. *Madison's local talk station, Talk Radio Ten-Seven-Oh, WTSO*. Very good signal, generally over KNX from 1920-2000. Maybe forgot to switch to night power/antenna? (JW-CO)
- 1140 WRVA VA Richmond - 1/11 2130 - With Carolina vs. Virginia basketball game with call ID. Signal was strong until 2135, then faded into background. (JR-OK)
- 1300 KVET TX Austin - 1/10 2102 - Hockey game, call ID with heavy QRM. (JR-OK)
- 1380 KBWD TX Brownwood - 1/10 2047 - Ads for Brownwood businesses such as the *Triple-T Grill*. (JR-OK)
- 1550 KAPE MO Cape Girardeau - 1/8 2045 - Financial talk with Bruce Williams, call ID. Signal sounded much stronger than 48 watts. (JR-OK)
- 1590 WNTS IN Beech Grove - 1/7 2044 - Brief, with religious talk and call ID. Heard during fade of KLLL-TX. New here. (JR-OK)

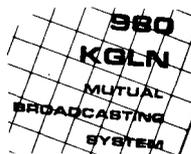
GRAVEYARD DX UPDATE

* indicates North American record-holder

1230 kHz:
WHOP KY Hopkinsville Ron Bailey Shelby, NC 352

1340 kHz:
WBBT GA Lyons Ron Bailey Shelby, NC 218

Totals:	1230	1240	1340	1400	1450	1490	Total
Ron Bailey Shelby, NC	19	22	18	16	20	20	115



DDXD-East

Deadlines are Tuesday.

A request to e-mail contributors: Please include, in the subject line of your report, the words "DDXD" or "NRC" or some other identifying marker. Several contributors in the past few weeks have not done this, and their reports have been delayed as a result. I'm currently working seven days a week and am way behind on reading my general e-mail, and unless I know your message is for DDXD, it gets sent to the "read whenever I get around to it" file.

And a request to all contributors: Please include your location and equipment with each report. I'd rather not waste time looking through back issues trying to remember who listens with what ... you know what you use and where you are (I hope!) and it won't take you very long at all to remind me.

STATION NEWS

760 WJR MI Detroit - 12/27 0106 - WBAP's "The Bill Mack Midnight Cowboy Show" is now here, and on KTWO-1030 as well. This makes for a total of at least six different trucker shows, including the above and WLW's "Trucking Bozo," "The Interstate Radio Network" (IRN) (WWVA, etc.), "The Road Gang" (WWL, KRVN, KSL, WLAC, WWKB, and KXEL); WDAF's Trucker Show, and WBAP's "US 1 Show." It was interesting to listen to WJR and hear "WBAP 8-20" IDs on it, since Bill Mack had not installed an override ID system yet. Looks like Bill can be heard coast-to-coast clearly again with his new relays. (JK-VA)

850 WKBZ MI Muskegon - As of 1/1 is NOS 0600-1100 and weekends, TLK and sports other times. Former WQWQ-1520 morning team of Jim Cox and Matt Andrews now on WKBZ mornings, playing the same music they played on WQWQ. (PLB-MI)

990 WCMF NY Rochester - 1/2 2230-2330 - Fair, over and under CBW, with AOR // FM, clear legal ID at 2300 "96 WCMF, Rochester's home of rock and roll." Last heard as sports talk. (TS-MI) [Looks like they're back to an old format, heard here with same 1/18 0100. - DY]

1160 WVNJ NJ Oakland - Must be that their planned CP has been on since November or earlier, as they're now into the category of a minor pest compared to being DX last year. (RJE-PA)

1210 WKNX MI Frankenmuth - Is apparently moving to now-silent 1250; they're airing promos for when "Memories 1210 becomes Memories 1250." No definite date as of 1/13. (TS-MI)

1420 WBRD FL Palmetto - Per verie-letter the new address is 2101 Hammock Place, Sarasota FL 34235-6822. Phone is (941) 955-1420, fax is (941) 955-9062; phone number in Log is disconnected. Format is Southern Gospel with focus on inspirational programming, supported by the Reach Solid Gospel Radio Network, ABC and USA news, and regional features from the Florida Radio Network. Owners are Metropolitan Radio Group, Inc. (JH-NJ)

1480 WADR NY Remsen - No way this really runs 19 watts at night, as noted by a recent log. This is usually dominant here from about an hour after sunset until sunrise, unless the Canadian is having a good day. Almost always tops local WDAS on their night power and pattern. (RJE-PA)

1520 WQWQ MI Muskegon Heights - 1/4 1345 - Tuned into hear urban gospel music until 1400 ID, ABC news, then satellite NOS after 1404! I called the station and talked to the board operator, who told me the station is waiting for new calls to come from the FCC before going all-gospel, which should occur in "a couple of weeks." (PLB-MI)

1570 WBUX PA Doylestown - 1/8 2200+ - Heard alternating several "Amquip Crane" ads with several brief "explanation" carts saying they were testing equipment, would be back on the air soon. Again 1/9 0630+, not heard at all 1/11, 1/12, 1/13. (RJE-PA)

DX TESTS

620 WRJZ TN Knoxville - 12/29 0300 - Heard with 30 seconds of code starting at 0300:22, which was the whole test! (SF-TN)

630 KJSL MO St. Louis - 12/30 0300-0330 - Not heard. (SF-TN)

770 WWCN FL North Fort Myers - 1/13 0030-0100 - Not heard looking under WABC, maybe we'll catch 'em during a WABC SP? (RA-MA)

910 KPOF CO Denver - 12/21 0200-0230 - Not heard. (SF-TN)

- 980 WAPF MS **McComb** - 1/13 0200-0230 - *Not heard*, only WTRY, WWRC. (RA-MA) *Not heard*, channel the usual mix of WWRC and WTRY, with a het from 981. (DB-DE)
- 1140 WAKK MS **McComb** - 1/13 0130-0200 - *Not heard*, WRVA partially nulled, maybe some TT briefly around 0150, but doubt if it was them. (RA-MA) *Heard* with definite code under WRVA at 0135, possibly some more at 0152. (DB-DE)
- KXNO NV **North Las Vegas** - 1/4 0300-0330 - *Not heard*, just WRVA, unID QRM. (RA-MA) *Possible* weak code at 0319, but nothing else under usual WRVA. (DB-DE) *Not heard*. (SF-TN)
- 1200 CFGO ON **Ottawa** - 1/6 0300-0400 - *Not heard*. (SF-TN) *Heard* poorly under dominant WAGE with voice IDs at 0335, 0346. (JH-NJ)

UNID and UNID HELP

- 540 UNID - — - 12/2 2144 - Very faint under XEWA, CBK, WWCS, WQTM with C&W and what sounded like "92.9, the most music and best variety," or maybe 96.9? WDMV or KWMT? (JK-VA) [WDMV, and 96.9. - DY]
- 600 UNID - — - 12/20 0135 - Fair under WDAF-610 and WOW-590 splash(!), with "North Bay's ... CKAT, today's hot country." I assume this is the former CFCH? If so, new here, where WCAO usually dominates. (JK-VA) [Right. - DY]
- 710 UNID - — - 12/20 0212 - "This is new country," then 800 number, over and under WOR, Cuba. Same format as WCYK-810. KEEL? WHB? (JK-VA)
- 860 WACB NC **Taylorsville** - Re: HJH-PA's unID in no. 13: This station is along Highway 90 (shown on some maps as Route 64), about 10 miles from where Highway 90 crosses I-40. There are two or three small shopping centers near that overpass. A key is that the reference would be to "Highway 90" ... the term "route" isn't used in reference to that roadway, except by people not from that area. Being a "northerner," I've been corrected many times since moving to NC. (JM-NC)
- 1090 UNID - — - 12/8 1721 - Up with "Real Country" and C&W. (JK-VA)
- 1200 UNID - — - 12/27 0700 - Noted FF news (not R. Canada) in dogfight with CFGO. Could this be WKOX or some other U.S. station with an ethnic format? (MB*MA) [I think WKOX has some FF programming. - DY]
- UNID - — - 1/9 0130-0205 - "Energy 1200" slogan, fast-paced vocals, mostly female. Good signal at times, but faded (of course) when calls given. Sounded like "MC"? (JEK-MD) [It's CFGO. - DY]

LOGGINGS: 0000-0800

- 580 CFRA ON **Ottawa** - 1/18 0131 - Ads, many "Talk Radio 580 CFRA" IDs, into Canadian political show, good with WTAG, WHP. (DY-NY)
- 590 WOW NE **Omaha** - 12/20 0000+ - In nightly again, with female DJ, and "12:52 at WOW, this is Alan Jackson ... the best music of today and your all-time favorites, WOW ... this is WOW Radio 5-90 Omaha." No "Radio Ranch" mentions heard. (JK-VA)
- 610 WDAF MO **Kansas City** - 12/24 2100+ - Dominant with the "Crook and Chase Country Christmas ... bring in the new year with ... and 61 Country ... Thank you Kansas City for making today's 61 Country your country music station ... in Topeka it's 7 degrees, KCI has 5, it's 8 degrees at your official AccuWeather station, 61 Country ... WDAF, Kansas City, is 61 Country!" Becoming a regular visitor again. (JK-VA)
- 810 CJVA NB **Caraquet** - 12/23 0033 - FF programming under, over WGY. (JK-VA)
- 820 WXTR MD **Frederick** - 12/27 0700 - Fair-good in WNYC null with ID as "WXTR AM 820, Frederick, Great Country," into C&W music. (MB*MA)
- 850 KOA CO **Denver** - 12/8 0037 - Armchair, with talk and "KOA Newsradio 8-50" IDs. (JK-VA)
- 940 WIDG MI **St. Ignace** - 12/22 0700 - Good in null of CBM with ID as "Your official good time oldies station is WIDG St. Ignace, Cool 94 AM," into Simon & Garfunkel's "Sounds of Silence." This was my unID from earlier this month which I thought might have been KIOA. (MB-ON)
- 950 WCNZ WI **Sheboygan** - 12/24 0752 - Fair over CFAM (which has suddenly become almost a pest!) with PSA for the Air Force: "Air high with the Air Force, and aim high with AM 95, your hometown radio," local weather, promo for Bucks basketball. (MB-ON)



- 960 CFAC AB **Calgary** - 12/5 0000+ - Alone and loud, with many IDs "The home of good times and great country music, 9-60 CFAC Calgary, Alberta, Canada," "This is Forrest Hill, welcome to Calgary's home of country music," then "CFAC" jingle. Amazing! (JK-VA)
- 990 WZZD PA **Philadelphia** - 12/30 0600 - Fair over CKGM with ID as "Today's Christian music, 990 WZZD," into gospel music. (MB*MA)
- 1080 WKGX NC **Lenoir** - 1/13 0655 - Several 1994 and 1995 C&W songs, ID, into another song. (RJE-PA)
- 1110 KFAB NE **Omaha** - 12/8 0130 - Weak in CKTY, WBT null, with "... 50,000 watt K-FAB, Omaha's ... station," then talk. (JK-VA)
- CKTY ON **Sarnia** - 12/27 0035 - Loud with C&W, stomping out WBT, with "More music to get you on your way, CKTY." They "consistently" run their 10 kW day power/pattern at night - or do they have a messed up DA? (JK-VA)
- 1130 WSJP KY **Murray** - 12/4 0315 - Burning the midnight oil, with "For the People, United Broadcasting Network" and "WSJP" IDs. Loud for 250 watts! (JK-VA)
- 1160 WVNJ NJ **Oakland** - 1/13 0113-0119 - Topping frequency with good signal, block of local spots, ID, "This is the new WVNJ 1160," into music by Tommy Dorsey. (RA-MA)
- 1200 WRKK PA **Hughesville** - 1/6 0630 - Music, ID, weather, briefly atop major pest WAGE. First time on this frequency, believe it or not! (RJE-PA)
- 1410 WLSH PA **Lansford** - 12/27 0714 - Fair with traffic report "from the AM 1410 WLSH Traffic Control." (MB*MA)
- 1450 WILM DC **Wilmington** - 12/30 0609 - Fair over GY mess with "WILM news time is 6:09," into ad for J.C. Penney. (MB*MA)
- 1470 WMMW CT **Meriden** - 12/8 0052 - Good with usual strong signal, but now with SS programming. (JK-VA)
- 1540 WADK RI **Newport** - 12/30 0706 - Poor over WDCD with local news, weather. (MB*MA)
- 1570 WKDB MD **Towson** - 12/29 0722 - Poor in fight with WBUG with local weather "on the station that plays great music, WKDB." (MB*MA)
- 1630 KXBT CA **Vallejo** - 1/10 0045-0300 - First time heard with varying signal strength, from good to inaudible at times, QRN. Many "KXBT-1630" IDs. "Solid Gold Soul" program taking requests at 1-800-3-MOTOWN, sports at 0222, block of spots 0243-0247 for AT&T, Oreck XL vacuums, local theater promo, weather for "Bay Area" at 0247, better signal the last hour of listening. CA #10. (RA-MA)
- 1/18 0146 - Finally heard with soul music, nice "1630 KXBT" ID into ads. Fair-good on peaks. First CA since KFI-640 more than fifteen years ago. (DY-NY)
- 1660 WJDM NJ **Elizabeth** - 12/29 0715 - Very good with usual R. Aahs kiddie programs. (MB*MA)



LOGGINGS: 0800-1600

- 790 WAEB PA **Allentown** - 12/21 0834 - Fair over CIGM with announcement, "When news breaks, we break in on WAEB, AM 790," into local weather. (MB-ON)
- 890 WBPS MA **Dedham** - 12/25 1545 - Over/under WLS, WFKJ with promo for station remote broadcast at a bar or restaurant in North Roxbury, then sports phone-talk. (RJE-PA)
- 1230 WHUC NY **Hudson** - 12/26 0805 - Fair with announcement during local news, "Now the news continues on 1230 WHUC and 560 WCKL." (MB*MA)
- 1440 WCDL PA **Carbondale** - 1/9 1427 - "WCDL 1440, real country," ad for a motor trip to Nashville. Good, no sign of WGC. (JEK-MD)
- 1500 WFIF CT **Milford** - 1/9 1313-1330 - With WTOP nulled, caught ID between 2 REL programs. CE Willie Barnett said they were running D1 1250 due to a tower problem, expected to return to normal antenna/power within the week. This, along with unusual daytime DX conditions (snow), allowed for a new log. CT #36. (JEK-MD)
- 1510 WLAC TN **Nashville** - 1/9 1130+ - Covering frequency most of the day during the "snow storm." (JEK-MD)
- 1530 WRTP NC **Chapel Hill** - 1/9 1357+ - "Radio Yellow Pages" with numerous ads, including Mr. Maid cleaning service, legal ID, and REL. Again at 1520 with "Your Afternoon Car Tune." (JEK-MD)
- WJCW PA **Jeanette** - 1/9 1359 - Legal ID, ABC news, briefly over WSAI. (JEK-MD)

- 1560 WSBV VA South Boston - 1/9 1410+ - Black choral gospel music, SID at 1412, in/out with WQEW. Only logged twice before at sunset. (JEK-MD)
- 1570 WFLR NY Dundee - 1/9 1430-1505+ - C&W music, female DJ, local WKDB nulled. (JEK-MD)
- 1580 WLIM NY Patchogue - 1/9 1307+ - ID, Long Island weather, Bob Stern "Broadway Live" program, way over WPGC. (JEK-MD)

LOGGINGS: 1600-2400

- 540 WDMV MD Pocomoke City - 12/31 1728 - Fair over CBEF with ad for Subway Pizza in Cambridge and Pocomoke, non-ID as "Big Country 96.9 and AM 540," into C&W music. (MB*MA)
- CBEF ON Windsor - 12/31 1722 - Fair with usual R. Canada FF programs, // CJBC-860. (MB*MA)
- 560 CJKL ON Kirkland Lake - 12/19 2155 - Over CFOS with hockey, many local ads, CTV news at 2200. Good signal. (HJH-PA)
- 600 CKAT ON North Bay - 12/19 2222 - This threw me at first until I saw others report this as ex-CFCH. Strong with "Today's Hot Country." (HJH-PA)
- 610 WIP PA Philadelphia - 12/29 1718 - Fair with Flyers hockey vs. Calgary Flames. (MB*MA)
- 620 WHEN NY Syracuse - 12/8 1656 - Good over WDNC, WRJZ, WTMJ, with "Sports Radio 6-20, WHEN Syracuse" IDs. (JK-VA)
- WHJB PA Greensburg - 12/8 1721 - With PA news, mentions of Greensburg, etc. (JK-VA)
- 710 CKVM PQ Ville Marie - 12/29 1652 - Poor under Nets basketball on WOR with CKVM ID and jingle. (MB*MA)
- 720 CHTN PI Charlottetown - 12/6 2253 - In nicely over WGN, with "Home of your good time oldies, 7-20 CHTN, Charlottetown." (JK-VA)
- 730 CJNR ON Blind River - 12/22 1710 - Fair in CKAC null with "More good time oldies back to back on North Shore Radio," into "Takin' It Easy" by the Eagles. Not yet defunct on AM. (MB-ON)
- 750 CKGB ON Timmins - 12/26 1800 - Fair in WSB null with C&W music into Broadcast News at top of hour. (MB*MA)
- 760 WBDN FL Brandon - 12/6 2215 - With talk and IDs under, over WJR. New here. (JK-VA)
- 810 WNSI AL Jacksonville - 12/4 1728 - Good over WGY with talk, UPI news, and "WNSI, Jacksonville" IDs. New. (JK-VA)
- KCMO MO Kansas City - 12/4 1730-1800 - With big signal, "KCMO Skywatch Traffic ... 941-8403," "Talk Radio 8-10 KCMO," "The best talk show in Kansas City, Wes Louis(?)," etc. (JK-VA)
- CJVA NB Caraquet - 12/31 1916 - Poor in WGY null, noted "CJVA" ID into a C&W-ish version of "Alouette." (MB*MA)
- 840 WCTG SC Columbia - 12/22 1715 - Loud with sign-off, mention of "Lighthouse 840;" and announcer citing religious verse. Left a semi-weak WHAS. (HJH-PA)
- 850 WRBZ NC Raleigh - 12/28 2230-2240 - With Raleigh-Roanoke ECHL hockey post-game show, hosted by Mark Miller. Over, under WRMR. New. (TS-MI)
- 880 KRVN NE Lexington - 12/5 1756 - Tentative under, over WCBS, with "Heartland Motors in the Southend Shopping Center" ad, then C&W. (JK-VA)
- 920 WBBB NC Burlington - 12/19 1744 - Good with ad for local gun shop, then back to Ken Hamblin show. (HJH-PA)
- CJCH NS Halifax - 12/30 1632 - Fair over WHJJ with promo for "Canadian Achievers" program on "News-Talk 920 CJCH," ad for Great Canadian Bagel. (MB*MA)
- 940 WIDG MI St. Ignace - 12/19 1800 - Loud through the Canadian, ID as "Cool 94" with oldies. (HJH-PA)
- 960 WERC AL Birmingham - 12/29 1759-1845+ - Excellent with Community Bulletin Board (including station address), legal ID, ABC news, weather and promo for G. Gordon Liddy and Dr. Adell's programs. "News-Talk 960 ... WERC" slogan. Some WTGM QRM (rare) and no sign of WFIR. (JEK-MD)
- 970 WESO MA Southbridge - 12/26 1746 - Fair with ID as "AM 970 WESO remembers the music you grew up with," into "Can I Have This Dance?" by Anne Murray. (MB*MA)
- WBLF PA Bellefonte - 12/29 1709 - Heard repeating WRSC-1390 State College with several WRSC IDs and a few WBLF IDs. Ad for foul weather coverage by WRSC. (HJH-PA)

- WINF VA Waynesboro - 12/19 1805 - Very good despite nearby WILK- 980, "News when you want it, WINF." (HJH-PA)
- 1000 CKBW NS Bridgewater - 12/27 1700 - Fair over nulled CFLP with C&W music into local news introduced by "Good evening, it's the 6:00 CKBW news update." (MB*MA)
- 1070 WSCP NY Sandy Creek-Pulaski - 12/26 1640 - Poor in fight with CBA, with ID as "We're Real Country, 1070 WSCP," into Marty Robbins' "El Paso." (MB*MA)
- 1160 WSKW ME Skowhegan - 12/31 1650-1740+ - "Sports Leader for central Maine ... the Score" slogan, Prime Sports network program, central Maine weather. Steady signal, some QRM from WOBM, WVNJ. (JEK-MD)
- 1200 WTLA NY North Syracuse - 12/27 1731 - Fair over CFGO with promo for a GG language program Sundays on WTLA, ID as "Unforgettable music, unforgettable radio, 1200 AM WTLA." (MB*MA)
- 1220 WLSO VA Big Stone Gap - 1/1 1700 - Only heard legal ID under WFAX and WKNR. Have been after this one for 30 years! New. (JEK-MD)
- CJSS ON Cornwall - 12/31 1701 - Popped out of GY-like mess with local news and safe winter driving tips from the "CJSS Roving Reporter." (MB*MA)
- 1240 WSKI VT Montpelier - 12/27 1712 - Fair-good with promo for girls' high school basketball on WSKI, ID as "We're central Vermont's sports leader, 1240 WSKI." Heard in Toronto on 1978 CPC test. (MB*MA)
- 1290 CHRMPQ Matane - 12/31 1710 - Fair over unID SS station with FF C&W tunes, contest promo with prize to the 8th caller at 566-4484. (MB*MA) [The "SS station" was probably WRCP in PP. - DY]
- 1300 WAVZ CT New Haven - 12/27 1720 - Fair over WQBK with ID as "1300 AM WAVZ" and promo for "Best of the Sounds of Ireland" program. (MB*MA)
- 1340 WNHC CT New Haven - 12/28 1635 - Poor in null of local WBRK with local weather "on your hometown radio station, WNHC." (MB*MA)
- WIRY NY Plattsburgh - 12/20 2329 - ID as "Hometown Wirey" and mention of activities at St. Peter's Church. (HJH-PA)
- CKNR ON Elliot Lake - 12/22 2300 - Oldies station up loudly, IDing as "North Shore Radio." Suspect this, despite the distance. (HJH-PA) [About 485 miles by my calculation, not impossible at all but a nice catch nonetheless. - DY]
- 1360 WWLG MD Baltimore - 12/26 1731 - Fair-poor over WDRC with "Legends Radio WWLG" ID into sports talk on Washington teams (Bullets, Capitals). (MB*MA)
- 1380 WINH KY Winchester - 12/31 1622 - On top of channel with C&W music, promo for sending community event notices to the station, mention of AM and FM calls, but didn't sound like WINH, sounded like FM ID. First time heard. (DB-DE)
- CFDA PQ Victoriaville - 12/30 1720 - Fair over unID SS station, in FF with calendar of local events and New Year's celebrations. (MB*MA) [The SS is probably WKDM. - DY]
- 1420 WBSM MA New Bedford - 1/10 1735 - Weather forecast, ID. (WM-MD)
- 1460 WHBK NC Marshall - 1/5 1736 - Mars Hill College basketball pre-game coverage, call ID. Ex-WMMH, new. (JEK-MD)
- 1470 WMMW CT Meriden - 1/5 1803 - SS music, legal SID, good. Local WTTR nulled at 4 miles. (JEK-MD)
- WMBD IL Peoria - 1/10 2241 - Peoria vs. Jacksonville AHL hockey game on top of channel. (DB-DE)
- 1490 WIKE VT Newport - 12/30 1704 - Fair with "The new 1490 WIKE" ID, local weather, WIKE jingle, into C&W music. (MB*MA)
- 1500 KSTP MN St. Paul - 1/10 2247 - Sounded like college hockey game, mention of "North Dakota in the end of the second period" by woman, "KSTP" heard before going back to game. New here. (DB-DE)
- 1530 WRTP NC Chapel Hill - 1/11 1630 - Promo for religious literature, ID, fair in WSAI null. (WM-MD)
- 1540 CHIN ON Toronto - 1/1 1800 - Fair over WDCD with CC programs and EE ID at top of hour, as would be required of a U.S. station. (MB*MA)
- 1590 WWCC PA Honesdale - 12/26 1707 - Fair with ad for Honesdale National Bank, into local news with the lead story being the start of the flintlock and muzzle-loader hunting season in Pennsylvania. (MB*MA) [Now that is what I call local news, hi! - DY]
- 1660 WJDM NJ Elizabeth - 1/9 2130 - Noted on OC only, no audio. (JEK-MD)

TIS AND MISCELLANEOUS

- 1620 KPD581 CT Windsor - 12/18 2225 - CT Department of Transportation loop about using the bus or carpooling. No ID heard, but assume this as reported by others. Good signal at times. (HJH-PA)
- + 1/11 0346 - Tape loop fading in and out, heard only in part "This message is brought to you by the Connecticut Department of Transportation and this station." Included an 800 number which couldn't be copied. (PFC-VA)
- "WJDI" NY — - 12/24 2015+ - Lous (S9+20 or 30 dB), as good as WQEW, with slight fades, stronger than WJDM, with parody spoofs and commercials, rock oldies, etc. ID as "You're listening to the highest powered pirate radio station in America, Clear Channel 1620, WJDI." Also ID as "WJDI, the King of the Pirates" and "You're listening to the 15,000 watt voice of clear channel 1620 pirate radio, WJDI." Haven't heard them in several years. Address given in Kingston NY. (JK-VA)
- WEJM404 VA Staunton - 1/5 0001+ - Sounded like these calls on the TIS loop. QRM from Shenandoah Park and CT DOT TIS's and "WMCR" OC. City name is pronounced "Stanton." (JEK-MD)
- 1630 "WUSB" NY Stony Brook - 12/18 2151 - Up readable at times with many IDs and advertising the FM outlet. Something else on the channel was causing the signal to flutter. (HJH-PA)

WGNA
AM 1460
Box 1077, Albany, NY 12201

RA-MA Ray Arruda
PLB-MI Phil Boersma
DB-DE Dave Braun
MB-ON Mike Brooker
MB*MA Mike Brooker
PFC-VA Perry Crabhill
RJE-PA Russ Edmunds
JH-NJ John Hanz
HJH-PA Harry Hayes
JK-VA Jeff Kitze
JEK-MD Joe Kureth
WM-MD William McGuire
JM-NC Jeff Multer
TS-MI Tom Sanders
DY-NY David Yocis

REPORTERS

Acushnet MA - HQ180A, SX122, R. West loop, LW
Spring Lake MI - Local news
Wyoming DE - R-5000, Quantum loop, 500' LW
Toronto ON - RF-2200, RFB-45
DXing at Lenox MA - RFB-45
Winchester VA - R-8, 40' inverted "L"
Blue Bell PA -
Old Bridge NJ - NRD-525, random wire
Wilkes-Barre PA - Superadio 2 and 3
Jarratt VA - Superadio II
Uniontown MD - DX-375, Superadio 3, LW
Cheverly MD - DX-380
Charlotte NC - UniID help
Davison MI - Sony 2010
South Nyack NY - R71A, Kiwa loop

ABBREVIATIONS USED IN DDXD

//:parallel to :00: on the hour AC:Adult contemporary AP:Associated Press BBD:big band C&W:country & western CCR:contemporary Christian radio CHR:contemporary hit radio CID:code ID CL:call letter EZL:easy listening EE:English FF:French GOS:gospel LSR:local sunrise LSS:local sunset NBA:National Basketball Association NHL:National Hockey League NPR:National Public Radio OC:open carrier PRI:Public Radio International PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location PRI:Public Radio International REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International VID:voice ID

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DX Digest

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Rochester, NY 14607-3832

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

As usual, a few points about format: please follow the format shown below. If you do things in a different order it takes me a long time to convert your text. I'd rather use that time for DX!

Our light turn-out in IDXD this week will hopefully give Paul some more room to work with! (Thanks, I think, hi! -pls)

Jim

PAN AMERICAN DX

- 640 MEXICO XEHH Hidalgo del Parral CHIH, DEC 27 1330 - "Radio Uno" slogans, long ad string, mention of phrase "música de la tierra". Good on peaks in KFI null. Still not sure if call is XEHH or XEHHI. Have heard no sign of the reported Ciudad Juarez station on 640. [Wilkins-CO]
- 660 MEXICO XEFZ Monterrey NL, DEC 27 1300 - News, "Radio Alegria" slogans, mentions of Monterrey. Mixing with 1 or 2 other Mexican stations, as well as KTNN and KEYZ. [Wilkins-CO]
- 780 ALASKA KNOM Nome (tent, DEC 7 0754 - Country instrumental music, then jazz-rock before fading underneath KKOH/WBBM at 0758; back up at 0801 with AP Network News by woman, PSA for US Savings Bond; at 0805 man with weather, mentioning Norton Sound, St. Lawrence Island, Seward Peninsula, second man saying "In Nome, two degrees below zero"; into feature about Miner and Merchants Bank; woman with feature; faded out by 0809. I can never get this one to say "KNOM, Nome," just one word or the other! [Park-HI]

STATION NEWS

- SPAIN: Radio Miramar 702 kHz (COPE network) has definitely changed its frequency to 783 KHz. [Jorge Garzon, Grupo DX Mediterraneo e-mail]
- SWITZERLAND: Radio E-Viva transmits from 0630 to 2100 and 2200 to 0605 daily. Radio E-Viva shares the frequency with Radio ERF (Evangelium Rundfunk). ERF can be heard twice a day, from 0605-0630 and 2100-2200, both stations on 1566 kHz. [Jorge Garzon, Grupo DX Mediterraneo #16] Carlos Goncalves, in same publication, states that the transmitter is Beromunster, studios in Zurich, with 150 kW.

CONTRIBUTORS

- @Dale Park; PO Box 22778; Honolulu, HI 96823; Sangean ATS-803A, Selec-A-Tenna. [DXPool@AOL.COM]
- John Wilkins, Wheat Ridge CO; Drake R-8, 4' Loop.

ORMANDY IN NEW ZEALAND

Summer Hols Trail - Paul Ormandy at Waiankarua, with SPR-4 and assorted Beverages.

THE AMERICAS

- 700 0753 USA WLW Cincinnati OH, gd sig, MA tking abt trip to Canada then Hank Williams song from 1952.
- 790 0807 USA real mix here, KABC Los Angeles dominant, noted with stressed id as "K..ABC", another talker too, KKON Hawaii? and a 3rd w/C&W giving wx for "the valley" and thought I hrd Denver ment.
- 1140 0806 USA KXNO N Las Vegas, NV, checked for previously sked DX-test and hrd their usual tourist info prog. Pres test had been cancelled earlier.
- 1200 0800 CANADA CFGO Toronto ON, no sign of scheduled DX test, listened right thru to sked end at 0900 and didn't hear anything that might have been them. Apart from WOAI also hrd a stn w/oldies, pres the British Colombian.
- 1200 0759 USA WOAI San Antonio TX, id pior to hour as "WOAI Clear-Channel Radio, San Antonio" then CBS nx followed by WOAI jingle then Art Bell Show with Art himself advertising the Sangean ATS-909 radio.
- 1230 0904 COLOMBIA HJLK R Calidad, Cali, fr w/canned id mxd unid Latin.
- 1280 0754 USA Unid stn running "One-on-One" sports, faded before the hour -of course.
- 1280 0901 COLOMBIA HJKN R Musical, Bogotá, bit of a surprise to hear HJs in January - pr-fr sig w/vallenata mx & Todelar ids.
- 1310 0745 USA KTCK Houston TX, up w/sports nx, promo for "The Ticket".

- 1320 0959 USA KWHN Fort Smith AR, break-out from net w/local id then net nx, dominant o/XECMQ & KCTC.
 1480 USA KWIZ Santa Ana CA, pres the one here w/CC progs. Hrd every night at gd strength. KYOS mixing in background. KWIZ has been hrd w/PP in addition to it's usual SS prog.
 1500 0906 VENEZUELA YVRZ R Dos Mil, Cumana, rollicking YV pops, echo'd ids o/KSTP.
 1500 0919 MEXICO XEAI Mexico C, full list of stns carrying R Formula prog, call-sign, slogan, freq and location of each one.
 1520 0756 USA KTRO Port Hueneme CA now running tlk having dropped SS as R Tiro. Local id prior to 0800 nx.

TOP END TRAIL

- 1620 1013 AUSTRALIA 2AM Caringbah, running RR radio-theatre prog, mxd Dance Radio.
 1620 0959 AUSTRALIA Australian Dance Radio, Nerang, local ad for hairdressers & security firm then stn promo, FA DJ and Madonna song first of several back-back tunes
 1629 1000 AUSTRALIA Hospital Radio Net, promo for news, music & comedy "...right here on HRN" then oldies.
 1660 0841 USA WJDM Elizabeth NJ, up w/surging sig, playing T40 pops.
 1683 0948 AUSTRALIA Unid pres new Aussie narrow-caster, in Middle East lang.
 1701 1003 AUSTRALIA ?, Richmond Viv, don't know the name of this AA lang stn yet, runs non-stop AA mx.

PACIFICA

- 738 0800 TAHITI RFO Papeete, nx from R France, gd sig then into mx 0813 w/FF ballads.
 810 1106 FIJI R Fiji, Labasa, MA in Hlndi and Hindi pops hrd when 4YA off for aerial maintenance
 810 1109 NZ Access R, Auckland, JJ prog w/MA & FA DJs, taking calls from listeners. 4YA off.
 990 0330 NZ ??? National R prog, fr strength, does Fifehire relay National R thru the day, or was this a mixing product?

UNID

- 810 1422 UNID pres DZRJ Manila, ids as "Mass Radio Service System, Community Radio", other annnc in unid lang. 4YA was off and Access R was carrier only. Mxd 2BE. Any ideas?
 Paul Ormandy, 33 Greta Street, Oamaru, New Zealand, paulorm@es.co.nz

COLIN NEWELL IN HAWAII

(via Grupo DX Mediterraneo #16)

HAWAII (HWA). Resumen de las captaciones realizadas en Kona (Hawaii) por el diexista Colin Newell/Hawaii Log Book HighLights from DX'er Colin Newell at Kona (Hawaii)

Receiver : SONY 7600G + Toshiba Analog portable

Antennas Used : Internal Ferrite Only

Date	UTC	Call-QTH	kHz	SIO
Nov 1				
	0817	2AP W.Samoa	540kHz	343
	0833	HLCA Korea	972kHz	353
	0838	Taiwan Fisheries	1134kHz	343
	0843	JOAR Nagoya	1053kHz	343
	0850	JOKR Tokyo	954kHz	353
Nov 2				
	0502	RTV Tahiti	738kHz	343
	0715	WSZO Marshall, Isle	1098kHz	454
	0803	2AP Apia Samoa	540kHz	343
	0854	JOUF Osaka	1314kHz	333
	0857	JOHR Sapporo	1287kHz	343
	0900	JOOR Osaka	1179kHz	343
Nov 3				
	0430	WOAI San Antonio	1200kHz	444
	0433	CKWX Vancouver	1130kHz	443
	0702	XEX Mexico City	730kHz	343
	0725	PJB Bonaire	800kHz	333
	0730	KFQD Anchorage AK	750kHz	444
	0747	KVOO Tulsa OK	1170kHz	454
	0838	CKXM Victoria	1200kHz	444
Nov 5				
	0825	HKSV Ulgin Korea	1305kHz	243
	0828	IOIR Sendai	1260kHz	354

**Logsheets -
By Frequency**



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	0843	JOLF Tokyo	1242kHz	443
	0846	JOOR Osaka	1179kHz	343
	0915	PRC Taiwan t.	981kHz	343
	0925	NHK Sync	1593kHz	344
Nov 6				
	0800	KCBS Chonjin	702kHz	243
	1517	KBS Seoul	603kHz	343
	1520	JOBK Osaka	666kHz	343
	1524	HLKB Pusan	891kHz	343
	1533	4QD Australia	1548kHz	333
Nov 8				
	0855	RR Belorgorsk	189kHz	353
	0858	" "	153kHz	232
	0907	RSM Sync	576kHz	232
	0935	KICY Nome Alaska	850kHz	333
	0956	KCBS N.Korea	855kHz	333
	1004	R.Rossi Russia	873kHz	334
Nov 9				
	0807	KCBF Fairbanks	820kHz	233
	0843	RR Reg.FE-Siberia	270kHz	343
	0850	" "	279kHz	253
Nov 10				
	0936	HLSV S.Korea (t)	1305kHz	343
	1000	R.Rossi WS	1251kHz	252
	1053	CNR China	1206kHz	343
Nov 11				
	0845	Unid JJ	1449kHz	242
	0911	JOLB Nagoya	909kHz	242
	0937	Radio Rossi	270kHz	354
	0939	" "	234kHz	344
	0940	" "	243kHz	354
	0942	" "	279kHz	554



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Received on Vacation at the Hale Kona Kai Condominium Complex -- Kona Hawaii and the Dolphin Hotel, Hilo Hawaii.

(Colin Newell, <http://espresso.ts.uvic.ca>)

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The IRCA MEXICAN LOG log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1990 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated and carefully cross-checked by IRCA members in Mexico and the U. S. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding (optional).

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All Souls Day 1996

By César Objio

As usual I try to hear something on this day of the year when some of the local stations do not operate, due to some respect for the departed ones. But there are other who do not care and play pop music as any other work day. Since early in the morning I tried the dial in order to get some idea of what was happening, and here is what I got with the local stations:

- 540 R. ABC, with pop mx all day. Signing off at 0256 on 11\3.
 570 R. Cristal, back on the air since a long time, years, since the death of the owner. Today they were back in operation. No information so far, now they had pop mx.
 590 R. Santa María, La Vega, always good with instrumental music.
 610 R. Acción, Santiago. Heard fair with pop music.
 620 R. Televisión Dominicana. The state station. With a special program with light music due to the day, sometimes with classical music, sometimes instrumental.
 650 R. Universal, off the air in the morning, in the afternoon with the transmission of the Dominican winter baseball games. After the game they continued with pop music.
 670 R. 6-70, San Pedro de Macoris, with pop music.
 690 R. Guarachita, with a special program due to All Souls Day. Instrumental music.
 710 Ondas del Caribe, San Cristóbal, heard in the afternoon with pop mx.
 730 HIZ, Broadcasting Nacional, with pop music.
 790 La Voz del Trópico, off the air.
 810 R. Bani, with pop music in the afternoon.
 830 HIJB, on the air with pop music.
 860 R. Clarín, off the air.
 890 R. Continental, off the air.
 920 R. 920, with pop music.
 950 R. Popular, off the air.
 980 La Voz de las Fuerzas Armadas, off the air, but they are mostly off the air, it is very rare to hear them on.
 1010 R. Comercial, with pop music and news.
 1040 R. Central, with pop music.
 1080 R. Ambar, with a religious program in the morning, the speaker was an American citizen and I could hardly understand him speaking in Spanish Was it Spanish, or he thought it was?) Off in the afternoon. (R)
 1120 R. Metro, with pop music.
 1150 Onda Musical, off the air.
 1180 R. Mil, off the air.
 1220 R. HIN, off the air, this station is mostly off the air, not because of the day.
 1260 R. Visión, with a program about horse racing.
 1300 R. Radio, with a religious program and music, off in the afternoon.
 1330 R. Villa, with pop music and off in the afternoon.
 1410 R. Tricolor, with religious music and program. (R)
 1440 R. Cristocéntrica, with religious program. (R)
 1480 R. VEN, with religious program. (R)
 1510 R. Pueblo, off the air.
 1540 Criolla Comercial, with pop music.
 1570 R. Amanecer, with religious program. (R)
 1600 R. Revelación, with religious program. (R)

These stations marked with (R) means that they operate all the time with religious programs only, most of them 24 hours a day. It seems that this is right now the best business in this country, as the religious groups collect money from the parishioners and that helps them to pay for the expenses of maintaining a station on the air. Right now most of the local stations on AM, due to economical problems, are becoming religious slowly by change of ownership.



Battle of the 'Super' Radios

A comparison of the GE Superadios I, II, III, and the RS Optimus 12-603

By Gerry Thomas

Like many MW DX'ers, I too have been staring at the picture of the Optimus 12-603 (\$59.99) in the 1997 Radio Shack catalog and have been wondering if maybe, just maybe, Radio Shack got it right this time. After all, they did come out with the fantastic (for the price) "TRF 12-655" back in the 1970s but, on the other hand, fell flat with their "UltraRadio" clone of GE's successful original Superadio in the late '80s. A cause for concern on my part was the Optimus' striking resemblance to the Superadio III, the latest offering from GE (and one that I don't think too highly of). But maybe this time Radio Shack didn't just jump on the bandwagon (while at the same time cutting performance corners to increase profit margin); maybe this time they abandoned the "me-too" approach and actually tried to *improve* on a design and beat the competition on performance (yeah, I know, I know, I'm rapidly approaching the outskirts of LA-LA land here). At any rate, after some awfully heavy hints to my wife, I found the new Optimus under the Christmas tree...

Before beginning the actual comparisons, I'd like to take a few minutes to make some comments regarding GE and Radio Shack. General Electric has traditionally put out some really fine performing (from a MW DX'er's standpoint) portable radios (I guess this shouldn't be too surprising given the fact that General Electric was formed as a conglomerate at the turn of the century by Marconi, Edison, and J.P. Morgan). I still have a shirt-pocket, 8-transistor AM radio that I purchased new in 1962 (for \$6.95, I believe) that has emblazoned on its dial, "Long Distance," and it performs incredibly well for night-time DX. Similarly, in the '60s and '70s, GE produced its "Long Range TRF" models that are still being used by DX'ers today. (I was fortunate enough to find one at a flea market a few months back and it too performs very well.) So, with that pedigree, it was not too surprising that when GE introduced its original Superadio it represented a further advancement (if I can call it that) in the art. Here was a radio that not only pulled in the DX, it also offered excellent fidelity and incredibly long battery life. Unfortunately, in my humble opinion, GE's tradition of excellence in this area dropped a few notches with its Superadio III (but more on that later). Radio Shack, on the other hand, has not had a particularly stellar reputation in offering DX machines.

KNCY AM/FM

P.O. BOX 278 NEBRASKA CITY, NE 68410

Other than the DX-160 and SX-190 (which didn't even cover MW) and, more recently, the DX-440 (aka Sangean 803A), Radio Shack radios have generally left much to be desired (their scanners are pretty good though). One very notable exception was the "TRF-12-655." This was a \$29.95 AM-only portable with a tuned RF stage and a double stage of IF tuning. The secret to its prowess, however, was the utilization of a 455 kHz ceramic filter between the two IF stages (all housed in the same "can" and by the way, still available to manufacturers (but I don't know any who use them)). Moreover, the TRF's use of discrete transistors (instead of ICs) allowed easier "hot rodding" with emitter by-pass filtration and discrete IF filters. All in all, this Radio Shack offering has attained legendary status and accounts of DX caught with this inexpensive rig still cause jaws to drop (how about Paraguay from the Mississippi Gulf coast at sunset skip?). So, having experienced the TRF, I continue to hold out hope that Radio Shack will one day place a premium on performance and offer a worthy successor to the old 12-655. The "UltraRadio" definitely wasn't the long-awaited successor, maybe the Optimus???

(Please don't get the wrong impression from the preceding. There are several radios available today that equal these earlier radios in performance (e.g., Sony's ICF-2010, ICF-7600G, the Sangean 803A/DX-440, etc.). These earlier radios were noteworthy because of their performance for the price; for under \$50, you could nab some great DX!)

To make this comparison a little more interesting, I decided to perform some side-by-side tests with the original Superadio, the Superadio II, the Superadio III, and the new Optimus 12-603. But first, some comments about each...

The Original GE Superadio

Charlie Barfield and I, back in the mid-'80's, were lucky enough to make contact with the local GE field representative and get an early production sample of the "soon to be released" GE Superadio. This was the Model 7-2880 and was being touted in the sales kits as a sophisticated long-range AM and FM portable. As the club newsletter articles we wrote at the time indicated, we were impressed! (Incidentally, copies of our article in *DX News* and *DX Monitor* were reprinted in General Electric's in-house newsletter.) These Superadios were definitely in a class by themselves: four stages of IF, a tuned front-end, a 7-7/8" ferrite rod antenna, a beautiful, metal six-gang variable capacitor, two separate circuit boards (one for RF; one for IF

and AF), over 400 hours of battery life, excellent FM, great fidelity, and at a price of around \$50 (readily available at discount stores for under \$35). We did, however, have two major wishes for the original Superadio: a provision for an external antenna and a wide-narrow selectivity option (the IF bandwidth of Superadios is ideal for domestic DX but too wide for serious foreign, split-frequency DX). Soon thereafter, GE came out with its Model 7-2880B, essentially the same as the "A" model but with external antenna terminals. Today, these early Superadios are known as the Superadio "I" or simply, "Superadio." Most, if not all, of the original Superadios were made in Hong Kong.

The Superadio II

Several years after the introduction of the original Superadio, GE came out with the Superadio II, Model 7-2885. I can detect no major circuit changes from the original, but GE did add a separate 1-1/2" tweeter (the tweeter in the Superadio I was coaxial with the main speaker) to help with the highs on FM, a jack for earphone use, and made a few minor cosmetic changes as well. Performance, however, was indistinguishable from the Superadio I. All in all, GE made a few nice improvements to make a good thing even a little bit better. Still, there was no wide/narrow selectivity option, the only thing keeping the Superadio from having great split-frequency DX abilities in addition to its already excellent domestic capabilities. All of the SRIIs that I've seen were manufactured in Malaysia.

The Superadio III

Early news of the forthcoming Superadio III caused quite a stir in my heart. Headlined among its features was dual selectivity! Now we would finally have the perfect, low-cost portable, I thought, but why would they call this dual selectivity feature, "AM Accent", I wondered? Finally locating one of the earliest SRIIs in Tucson, AZ, I immediately tore it open and was astonished to find...no resemblance to the SRI and SRII. This was a complete reworking of the circuitry! Gone were the two separate circuit boards and variable capacitor of the earlier Superadios; instead I saw a single, crowded, large board and varactor tuning diodes! Still, there were the four IF stages, the tuned RF stage, the large ferrite rod...maybe things would be okay after all. Not so. Besides having the power switch wired backwards (On was Off, and Off was On), birdies were present across the dial, one station appeared at five different places, and the dual selectivity switch turned out to be "Wide" and "Wider" (this was the "AM Accent" that was supposed to make AM

stations sound better...Dumb and Dumber). No, there was no IF filter to narrow the passband, instead there appeared to be a Q-spoiling resistor that could be switched in to make the passband even wider...not exactly what I had hoped for. Performance was, not too surprisingly, disappointing. But this was just one sample, maybe I just got a lemon. So I tried another, with the same results. Since then, I've tried two other SRIIs with similar outcomes. Still, DX'ers whose opinions I respect claim that the SRII is just as good as the SRI or SRII. Maybe so, I just have never been lucky enough to own one. This series of Superadios is being manufactured in China.

The Radio Shack Optimus 12-603

Given its physical resemblance to the SRII, and Radio Shack's past history with its UltraRadio, I was somewhat apprehensive about this guy but I asked for one anyway...I should have saved my breath. It turns out that the Optimus is, in some respects, even worse than the SRIIs I've tried.

After giving the dials a quick spin (and noting the Optimus' seemingly mediocre sensitivity), I opened up the back and was greeted by a single, crowded, large circuit board with the word, "Superadio" printed on it! Could it be that GE and Radio Shack used the same Far East shop to make the circuit? Or was this Radio Shack's working title for its obviously imitative Optimus? I went back and opened up the SRII and it turns out that, while the two circuit boards share some similarities, there *are* major differences. Principal among the differences is the fact that the SRII uses four stages of tuned IF on AM, whereas the Optimus uses only two. In theory, this should give the SRII better deep skirt selectivity. Secondly, parts layouts are very different with the SRII enjoying a more intelligent design (though far from optimal) and better shielding. Thirdly, whereas the Superadio family uses a 7-7/8" ferrite rod, the Optimus uses a smaller 5-1/2" model. I could not tell from looking at the top of the Optimus's circuit board whether the "Wide" selectivity option was achieved through the use of a Q-spoiling resistor or a lower Q transformer. Like the SRII, the Optimus uses varactor diodes instead of a variable capacitor and is being manufactured in China. One of the things that I noticed was that it seemed as though there were very few turns of wire on the ferrite rods in the SRII and Optimus...The SRII had about 38 turns covering about a quarter of the rod whereas the Optimus had even fewer covering about an eighth of the rod. I seemed to remember that the SRI and II had many more turns and, after checking, found that there are about 90 turns on the early

varied from POOR to NIL even with the volume control wide open.

High-end sensitivity

Usually high-end sensitivity is not a problem with portable radios but the performance of the Optimus was an exception. KLEB-1600 is a low-powered Cajun station in Louisiana that routinely puts an armchair copy signal into Pensacola. The SRI and SRII gave VERY GOOD signals from KLEB; the SRII's signal was judged to be a notch down at GOOD; while the Optimus provided no sign of KLEB; that is, NIL! In fact, from about 1490 kHz to the top of the band the Optimus was virtually dead; only two faint signals on 1550 and 1590 were discernable (and these two stations were LOUD on the SRI and SRII, FAIR to GOOD on the SRII).

Low-end selectivity

WVOC-600 kHz next to local slopper WVTJ-610 remains my test of low-end selectivity. WVOC is a 1 kW'er located in New Orleans and is almost always bothered by my local. It takes a decent radio to give even a hint of the presence of WVOC. The SRI and SRII provided a POOR signal from WVOC; it being bothered by slop from both WVTJ and WCNE-590 in Panama City, FL. The SRII provided no trace of WVOC (just interference from the locals) while the Optimus gave an intermittent signal that ranged from NIL to VERY POOR in a background of sometimes intelligible splatter.

High-end selectivity

Because one of the radios (the Optimus) had, for all practical purposes, no high-end, I tuned to WRBQ-1380 next to local WCOA-1370 (a clean, tight signal) to test for selectivity in this frequency range. The SRI and SRII provided a VERY GOOD signal from WRBQ, a 5 kW'er down in Tampa, with virtually no trace of WCOA. Similarly, and somewhat surprisingly, the Optimus also provided a VERY GOOD signal from the downstate station with just a bit of splatter from 1370. The SRII happens to be bothered by "birdies" in this frequency range. Harmonics from the 455 kHz IF appear prominently on the SRII at 910 kHz (2 X IF) and at 1365 kHz (3 X IF). The 1365 kHz birdie heterodynes 1370 kHz wreaking havoc in the area. Therefore, I could only rate the SRII as a GOOD with het and minor local station interference.

Conclusions

After conducting the preceding performance tests, I, quite frankly, lost interest in evaluating the remaining characteristics of the Optimus. Things like audio quality, dial

Superadios that covered about two-thirds of the rod. Apparently the varactor diodes had a higher capacitance than the variable capacitor and therefore required fewer turns to resonate. This could have two possible results: (1) Fewer turns *could* result in a higher Q (or tuning sharpness) if the coil wasn't loaded down by front-end circuitry and, because overall gain is a product of Q times amplifier gain, a really sharp, hot front-end could result; or (2) the fewer turns would pick up less RF that the rod had gathered and if the Q of the coil was spoiled by the front-end load, lower sensitivity and selectivity would result. From the performance test results that follow, it appears that the second alternative prevailed.

Performance Tests

Almost any radio will give the impression of being a DX hawk when it's used at night. Stations from all over the East Coast boom in on my wife's \$20 Panasonic clock radio, a radio that has trouble picking up locals during the daytime. Therefore, these performance tests were conducted for two hours on either side of noon on a clear, atmospherically quiet, winter's day. All of the radios were equipped with fresh alkaline batteries (that's a total of 24 D-cells, ouch!) and I even took the time to re-align the RF and IF stages of the SRII and add some additional shielding to the circuit board to make sure that it was performing to its potential. The Superadio I was one that I have had for years and the Superadio II and Optimus were fresh out of their boxes.

Low-end sensitivity

The target station here was WOOF-560 in Dothan, AL, a 5 kW'er about 100 miles to the northeast of Pensacola; it is not bothered by any local interference. Both the SRI and SRII brought in WOOF at armchair level; the SRII provided a signal at a FAIR level; and the Optimus signal could only be termed POOR (readability took effort) even with the volume control at full blast (something that was necessary on just about every non-local station throughout the band; locals were at ear-splitting levels though, so the AF amp was working).

Mid-band sensitivity

WACV-1170 is located in Montgomery, AL, also about 100 miles north of Pensacola; no local stations bother its reception. Despite its 10 kW output, it generally puts a fairly weak signal into Pensacola. The SRI and SRII pulled in WACV at a FAIR level but some effort was required to follow the gist of the transmission. The SRII's signal was rated as POOR with intelligibility possible only with concentrated effort. The Optimus's signal

read-out resolution and accuracy, etc. really didn't seem that important since I wouldn't consider recommending the radio for anything other than local station listening. I should say again, however, that at night, when signal levels are high, the Optimus gives the impression of being a satisfactory DX radio.

The main conclusion I've come to is that Radio Shack missed again. The Optimus 12-603 for all its potential falls short of its principal competition, the GE Superadio III. Of course, in my limited experience, the SR111

falls well short of its forerunners, the SRI and SR11. The biggest drawback these days of the SRI and SR11 is that they are very difficult to find (most DX'ers aren't willing to part with theirs). Another drawback is that they only tune to 1600 kHz but this is fairly easily remedied by twiddling with the oscillator and front-end coils to extend coverage to 1700 kHz. So, unless you can find a SRI or SR11, the search must continue for a top-notch, low-priced MW DX portable.

Gerry Thomas, 3635 Chastain Way, Pensacola, FL 32504 (904) 434-3635

Graveyard Achievements

Distance records for stations logged on graveyard frequencies

Bill Hale billhale@wazoo.com
301 Boulder Bluff
San Marcos, TX 78666-8350

1340 kHz
 Logged from Jan 1, 1960 to Present

Date of Last Update: January 13, 1997
 * indicates North American record-holder

WKUL	AL	Cullman	Steve Francis	Alcoa, TN	199
WXOR		Florence	Charles Reh	Leamington, ON	572
WMRK		Selma	Joe Kureth	Uniontown, MD	740
WFEB		Sylacauga	Robert Kramer	Chicago, IL	607
AFRN	AK	Ft. Yukon	Frank Merrill	Nenana, AK	178
KIKO	AZ	Miami	Jeff Tynan	Parker, CO	541
KPGE		Page	Phil Bytheway	Seattle, WA	924
KENT		Prescott	Don Kaskey	Sacramento, CA	562
KBTA	AR	Batesville	Phil Bytheway	Seattle	1769
KZNG		Hot Springs	Wayne Heinen	Colorado Springs, CO	717
KBRS		Springdale	Charles Reh	Leamington	737
KATA	CA	Arcata	Patrick Mason	Mililani, HI	2391
			Phil Bytheway	Seattle	*475
KWXY		Cathedral City	Bruce Reynolds	San Jose, CA	391
KBOS		Fresno	Phil Bytheway	Seattle	761
KVOY		Mojave	Bruce Reynolds	San Jose	260
KTOX		Needles	Bruce Reynolds	San Jose	440
KORV		Oroville	Frank Merrill	Nenana	2056
KATY		San Luis Obispo	Frank Merrill	Nenana	2347
KIST		Santa Barbara	Pete Taylor	San Francisco, CA	276
KOMY		Watsonville	Roy Millar	Bellevue, WA	738
KDEN	CO	Denver	Esa Hänninen	Lemmenjoki, Finland	4537
			Tim Hall	Rancho Bernardo, CA	*820
KQIL		Grand Junction	Olle Alm	Abisko, Sweden	4535
KWSL			Jack Woods	Douglas, AK	*1753
KVRH		Salida	John Wilkins	Wheat Ridge, CO	118
WNHC	CT	New Haven	Niel Wolfish	Toronto, ON	365
WOOK	DC	Washington	Andy Rugg	Montreal, PQ	488
WTAN	FL	Clearwater	Don Voorhies	Oswego, NY	1128
WWFL		Clermont	Shawn Axelrod	Orlando, FL	23
WROD		Daytona Beach	Andy Rugg	Montreal	1197
WTYS		Marianna	Ernie Wesolowski	Omaha, NE	949
WPBR		Palm Beach	Ernie Cooper	Provincetown, MA	1198
WFSH		Valparaiso	Steve Francis	Alcoa	393
WGAU	GA	Athens	Russ Edmunds	Parsippany, NJ	691
WBBQ		Atlanta	Carl Dabelstein	Lincoln, NE	831
WBBQ		Augusta	Don Lynch	Lynn, MA	866
WGAA		Cedartown	Ron Bailey	Shelby, NC	228
WOKS		Columbus	Charles Reh	Leamington	675
WBBT		Lyons	Ron Bailey	Shelby, NC	218
WALH		Mountain City	Steve Francis	Alcoa	66
WTIF		Tifton	Steve Francis	Alcoa	299

KSKI	ID	Hailey	Mike Hardester	Modesto, CA	537
KSGR		Nampa	Esa Hänninen	Lemmenjoki	4449
KTIK			LEM96	Lemmonjoki, Finland	(Tie) 4449
			Shawn Axelrod	Winnipeg	*1004
KACH		Preston	Phil Bytheway	Seattle	637
WSOY	IL	Decatur	Carl Dabelstein	Lincoln	412
WHPI		Herrin	Shawn Axelrod	Winnipeg	913
WJOL		Joliet	Esa Hänninen	Lemmenjoki	4114
			Shawn Axelrod	Winnipeg	*714
WBIW	IN	Bedford	Jeff Falconer	Clinton, ON	419
WTRC		Elkhart	George Santulli	Cranford, NJ	605
WLBC		Muncie	Carl Dabelstein	Lincoln	595
KROS	IA	Clinton	Shawn Axelrod	Winnipeg	635
KLIL		Estherville	Ernie Wesolowski	Omaha	159
KFKF	KS	Kansas City	Esa Hänninen	Lemmenjoki	4396
			Shawn Axelrod	Winnipeg	*714
KSEK		Pittsburg	Shawn Axelrod	Winnipeg	858
WCMI	KY	Ashland	Joe Fela	Newark, NJ	477
WBGH		Bowling Green	Carl Dabelstein	Omaha, NE	586
			Ernie Wesolowski	Omaha	(Tie) 586
WNBS		Murray	George Santulli	Cranford	809
WEKY		Richmond	John Wilkins	West Des Moines	567
KVOB	LA	Bastrop	Bruce Reynolds	Warrensburg	426
KRMD		Shreveport	Frank Wheeler	Erie, PA	1005
WDME	ME	Dover-Foxcroft	Don Voorhies	Oswego	381
WHOU		Houlton	Don Lynch	Lynn	295
WGAU	MA	Gardner	Don Lynch	Lynn	54
WNBH		New Bedford	Christian DeHaes	Chicoutimi, PQ	466
WBRK		Pittsfield	Jeff Falconer	Clinton	429
WLEW	MI	Bad Axe	Morris Sorensen	Emsdale, ON	215
WLAV		Grand Rapids	Bruce Conti	West Warwick, RI	763
			Shawn Axelrod	Winnipeg	(Tie) 717
			Niel Wolfish	Winnipeg, MB	(Tie) 717
WCSR		Hillsdale	George Santulli	Cranford	575
WAGN		Menominee	Russ Edmunds	Parsippany	743
WMBN		Petoskey	Shawn Axelrod	Valhalla Beach, MB	665
WEXL		Royal Oak	Joe Kureth	Uniontown	371
KQBR	MN	Brainerd	Don Trelford	Runaway Bay, JMC	2159
KDLM		Detroit Lakes	Andy Rugg	Waterloo, ON	781
WEVE		Eveleth	Morris Sorensen	Leaf Rapids, MB	710
KROC		Rochester	Jeff Tynan	Parker, CO	704
KWLM		Willmar	Niel Wolfish	Winnipeg	329
			Shawn Axelrod	Winnipeg	(Tie) 329
WJMB	MS	Brookhaven	Neal Perdue	Madison, AL	305
WAML		Laurel	Ernie Wesolowski	Omaha	763
KXEO	MO	Mexico	Andy Rugg	Montreal	1028
KLID		Poplar Bluff	Charles Reh	Leamington	552
KSMO		Salem	Bruce Reynolds	Warrensburg	143
KICK		Springfield	Dave Whatmough	Hamilton, ON	822
KCAP	MT	Helena	Bruce Reynolds	Warrensburg	1056
KPRK		Livingston	Carl Dabelstein	Omaha, NE	817
KATL		Miles City	Ernie Wesolowski	Omaha	606
			Carl Dabelstein	Omaha	(Tie) 606
			MB DXpedition &	Arnes, MB	819
KYLT		Missoula	Charles Reh	Leamington	716
KHUB	NE	Fremont	Charles Reh	Leamington	860
KGFW		Kearney	Shawn Axelrod	Winnipeg	654
KSID		Sidney	Frank Merrill	Nenana	2409
KRAM	NV	Las Vegas	Roy Millar	Marysville, WA	555
KBET		Reno	Esa Hänninen	Lemmenjoki	3961
WMID	NJ	Atlantic City	Bill Dvorak	Madison, WI	*817
			Roy Millar	Marysville	1037
KNDE	NM	Aztec	Phil Bytheway	Seattle	1262
KSIL		Silver City	Phil Bytheway	Seattle	1154
KKIT		Taos	Esa Hänninen	Lemmenjoki	3786
WMBO	NY	Auburn	Charles Reh	Leamington	*311
			William Townshend	Washington, DC	314
WENT		Gloversville	Andy Rugg	Montreal	367
WKSN		Jamestown	Carl Dabelstein	Lincoln, NE	932
WLVL		Lockport	Charles Reh	Leamington	433
WMSA		Massena	Denis Picard	Trois-Rivières-Ouest, PQ	351
WALL		Middletown	Esa Hänninen	Lemmenjoki	3653
WIRY		Plattsburgh	Charles Reh	Leamington	*401
			Frank Merrill	Toledo, OH	537
WOOW	NC	Greenville	Don Lynch	Lynn	727
WJRI		Lenoir			

U-M study: Nation's talk radio not growing as fast as believed

Associated Press
Talk radio isn't the fast growing medium it is commonly believed to be, a University of Michigan researcher says.

In fact, a study found that the number of listeners to talk radio has remained flat in recent years.

But people who say talk radio seems to favor conservative causes and views are right, according to communications Professor Michael Traugott.

He studied data from 13 Times Mirror Center polls conducted from 1993-96. He found that the number of regular listeners of call-in shows on current events, public issues and politics has remained constant — from 17 percent of respondents in May 1993 to 18 percent in March 1996.

The relative size of the regular audience for the shows of Rush Limbaugh, Bob Grant, G. Gordon Liddy and others has ranged from a high of 22 percent in June 1994 to a low of 15 percent in October 1994, Traugott said.

"The conventional wisdom that the talk-radio audience is growing is not supported," he said this week. "Neither the size of the audience nor its demography and ideology seem to have shifted over time."

The study analyzed 13 survey samples ranging from 1,000 to 8,800 people. It found that a higher proportion of men (18 percent to 26 percent) than women (12 per-

TALK RADIO

Key findings in a University of Michigan study of the listening patterns of Americans to talk-radio programs:

- 17 percent of those polled in May 1993 said they regularly listened to talk-radio call-in shows. In March 1996, the percentage was 18.
- 18 percent to 28 percent of Republicans regularly tuned in, compared with 12 percent to 19 percent of Democrats and 14 percent to 22 percent of independents.
- 18 percent to 28 percent of men, compared with 12 percent to 19 percent of women, regularly listened.

ANN ARBOR

cent to 18 percent) regularly listened to talk radio.

Traugott found no difference in attention to talk radio among whites and racial minorities. But Americans under 30 were less likely to listen regularly than older people, and those with household incomes over \$50,000 and with college educations were more apt to tune in.

In addition, a greater percentage of Republicans (18 percent to 28 percent) than Democrats (12 percent to 19 percent) or independents (14 percent to 22 percent) said they were regular listeners of talk radio, he said.

But he found no indication that the size of talk radio's audience has increased since 1993 or that its composition has changed significantly or regularly.

"White men are no more likely

to be listening for long hours to right-wing shows than they were three years ago," he said. "Neither are Republicans, nor the people who voted against (President) Clinton in 1992, nor the people who are unhappy with the way he is doing his job."

The study found that frequent talk-radio listeners were more likely to pay attention to government, politics and domestic news. They also were more apt to hold politically conservative views.

"The data do not suggest that the audience is composed of listeners with a wide range of political views," Traugott said. "In general, the listeners seem to have a clear sense of what they are looking for and what to expect when they tune in."

"There may be some heterogeneity in the range of offerings across the genre, but the content within a given show does not reflect an open exchange of political points of view."

First Taste of Night Air for WLIB

by Lee Harris

NEW YORK WLIB(AM), the New York Station that will be upgrading at the expense of 50 kW WOWO(AM) in Fort Wayne, Ind., is still months away from having full-time operation.

Earlier this summer, however, the Federal Communications Commission granted the daytime-only station special nighttime operating authority to cover the Republican and Democratic National Conventions, as well as the local Brooklyn Labor Day Carnival.

While the 10 kW WLIB has gone to great lengths and expense to secure eventual nighttime operation on its frequency of 1190 kHz, the necessary engineering changes have yet to be accomplished.

Major media force

WLIB has been a daytime since it signed on in 1942. Despite that limitation, it has grown into a major media force in the New York African-American community.

In recent years, the station improved its position by developing a talk format targeted at the community. The programming has been controversial at times, especially during such racially charged episodes as the 1991 Crown Heights riots in Brooklyn.

WLIB set off another controversy with its elaborate plan to go full time. In 1991, Inner City Broadcasting, owners of

WLIB, bought the legendary WOWO, the station WLIB pretexts by signing off at night.

The plan was to reduce WOWO from its 50 kW giant status to 50 kW days/9.8 kW nights, clearing the way for WLIB to go full time by adding 30 kW nights to its current daytime power of 10 kW.

Once the paperwork for the power reduction was approved, Inner City resold WOWO, to Pathfinder Communications, operators of three other stations in Fort Wayne.

From the legal and logic standpoints, the arguments in favor of the move were sound. Inner City maintained that WOWO could continue to serve the Fort Wayne metro with its reduced nighttime power, while making it possible for millions of potential listeners in New York to get full-time service from WLIB.

There were numerous objections, especially from the radio purists who saw this as a further desecration of the once sacred doctrine of clear-channels.

Nevertheless, Inner City prevailed and now it's a matter of making the necessary engineering changes. The WLIB upgrade project is untold months away from completion, and WOWO transmitter engineer Jack Didier said that his station has not made any of the necessary changes to fulfill the construction permit for the power reduction.

Didier said management has yet to decide on a final construction plan. Prior

to the conventions. Didier said he was unaware of the WLIB temporary nighttime authorization. Such authorizations are usually granted only in emergencies.

But WLIB talk programming director Mark Riley said that the Inner City Broadcasting FCC counsel apparently had no trouble getting the special authorization, apparently on the strength of the WLIB approved construction permit for full-time status.

Unique presentation

Unlike similar authorizations, Riley said WLIB would be allowed to broadcast commercials during its extended hours. Riley has been covering the national conventions for WLIB since 1976, but this was the first time he was able to go live during the prime evening hours.

While extensive convention coverage is widely available on radio, Riley said the WLIB presentation is unique.

"We have a very specific audience (predominantly African-Americans) who look for a different type of coverage. People want to know specifically what efforts are being made by both parties to speak to the African-American community and we become their conduit in that regard."

While the current climate would probably find WLIB more at home with the Democrats, Riley insisted that the station's approach to its political coverage is balanced.

"We are not highly represented in the (Republican) party, but there are a lot of people in our audience who have expressed curiosity about what Black

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Republicans are about and what the Republican party is about."

WLIB is also the primary station serving the burgeoning Caribbean population in New York, and that is why it requested special permission to cover the Labor Day Carnival in Brooklyn which is the event of the year for the Caribbean community.

Riley said WLIB has always covered the festivities, but up until now the station has had to call it a day just when the major concerts were about to begin.

"We won't broadcast the concerts live, but being on until 11 p.m. will enable us to talk to the artists, most of whose music we've played over the years, and to talk to the organizers."

The special authorization for WLIB expired Sept. 2, but Riley was hoping now that the precedent is set, the station will not have difficulty obtaining similar permission in the immediate future, while WLIB and WOWO work on making regular nighttime operation a reality.

"We have a presidential election in November, when ordinarily we go off the air at 5:30 p.m.

I would love to be able to stay on late on election night. I'm going to request of our legal people that we look into the possibility."

Until WLIB goes full time all the time, Riley said the station will use some other technologies to stay in touch with its audience during those long winter nights, most notably the WLIB web site at www.wlib.com

"The site will give people in the audience the opportunity to express opinions and stay in touch, even when we're not on the air. We hope they get in the habit of being able to communicate with us 24 hours a day."

THE WORKHORSE FOR KANSAS AGRICULTURE

FARM RADIO KFRM 550

KFRM PROGRAMMING:

Agri-Talk	Monday-Friday	10:06-11:00 a.m.	Horticulture Hints from Kansas State	Tu Th Sa	2:05 p.m.
Agri-Shop	Saturday	8:06-9:00 a.m.	Radio Farm Talks from Kansas State	Weekdays	9:25 a.m.
Weather Forecasts	4 times per hour	.03, .15, .30, .45	Successful Farming Radio Magazine	Weekdays	8:45 a.m. & 3:40 p.m.
Deag HJort	Market Days	11:15 a.m.	USDA Feedlot Reports	Market Days	11:10 a.m., 12:15 p.m. & 4:15 p.m.
Dan Gorman Market Commentary	Market Days	1:20 p.m.	USDA Hay Market Report	Tu Th	4:18 p.m.
Agri-Shop Market Reports:	Saturday	8:06-9:00 a.m.	Farm Bureau Accent Program	Weekdays	12:45 p.m.
9:05, 9:20, 9:35, 9:50, 10:30, 11:05, 11:40, 11:45, and 11:55 a.m.	Market Days	AM: 7:10, 7:55, 8:50, 9:05, 9:20, 9:35, 9:50, 10:30, 11:05, 11:40, 11:45, and 11:55 a.m.	Farm Bureau Weekend ABC National News	Sat & Sun	7:45 a.m. Top of each Hour
PM: 12:05, 12:40, 12:50, 12:55, 1:12, 1:50, 2:20, 2:45, 3:30, 4:50, 5:20 (This includes Livestock & Commodity Markets)	Weekdays	3 p.m. & 7:50 a.m.	News Headlines	Everyday	Bottom of everyday
Closing Country Elevator	Weekdays	3 p.m. & 7:50 a.m.	Financial Market News & Commentary	Market Days	12:37 & 4:47 p.m.
Agriculture Perspectives	Monday-Friday	3:06 p.m.	Base Pro Shop Outdoor Report	M-Sa	8:35 a.m. & 5:25 p.m.
"Agriculture Technology Today"	Monday-Friday	4:06 p.m.	James Dabson Family Commentary	M-Sa	8:07 a.m. & 5:05 p.m.
KFRM Sale Ring	Monday-Saturday	6:00, 9:40 a.m., 1 pm	Today's Father w/Kan Centfield	Weekdays	12:35 pm & 5:10 pm
National Farm Report	Weekdays	6:10 a.m. & 3:45 pm	Promisskeepers This Week	Sat. & Sun.	10:00 a.m.
Farming America	Weekdays	2:30 p.m. & 5:10 pm	KFRM Sports	M-Sa	7:30 a.m., 11:30 a.m. & 4:40 p.m.
Kansas County Ag Agent Talks	Weekdays	8:20 a.m.	State news	M-Sa	7:20 a.m., 12:15 a.m. & 4:30 p.m.
Agriculture Perspectives	Saturdays	9:00 a.m.			
Kansas Agriculture & Rural Leadership Update	Saturdays	9:15 a.m.			
Jobs Block Report	Saturdays	9:35 a.m.			
Kansas Livestock Assn. Report	Saturdays	9:40 a.m.			
Peter Myers Program	Saturdays	9:45 a.m.			
Farm Organization Reports	Weekdays	2:50 p.m.			
Agriculture Today from Kansas State	MW F	2:05 p.m.			



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Belleville Telescope
-via Gary Houdek

Newfoundland DXpedition V

2 November to 17 November, 1996

A report assembled by Jean Burnell, St. John's, Newfoundland

Part Two - continued from DXN #15, January 20, 1997

Pan-American DX

- 530 **TURKS & CAICOS IS.** R. Visión Cristiana, Southern Caicos, NOV 9 1017 - Still blasting in at this late time w/ SS Biblical program [NK].
- 535 **GRENADA** GBC, St. George's, NOV 12 0037-0214 - EZL pop mx and gospel mx, ID as "GBC Radio," BBC's "Newsdesk" at 0200, station promo at 0211; fair [JF].
- 550 **VENEZUELA** Mundial (YVKE), Caracas, NOV 9 0430 - Good; assumed to be horse racing info with "Superfecta" mentions, "Mundial" jingles and IDs [BC]. NOV 9 0828-0834 - Pop mx, "YVKE" IDs, mixing w/ another unID SS stn, perhaps Cuban, SIO 222 [JB]. NOV 12 0838 - Lively LA dance mx, ID and lots of phone numbers; very good [JF]. NOV 13 0638 - Playing "La Macarena" with another unID SS station behind it; fair-good [DC]. NOV 13 0838 - "Radio Mundial" jingle, ads, mx, "Ésta es 'La Música de la Patria' por YVKE, Mundial," SIO 322 [JB].
- 555 **ST. KITTS & NEVIS** R. ZIZ, Basseterre, St. Kitts, NOV 12 0245-0255 - EE news and reggae mx; good [JF]. NOV 12 0346 - Caribbean vocal, then Elton John song at 0358 and strong peak across 0400 with comments by male DJ in accented English [DC].
- 560 **BRAZIL** R. Paulista AM (ZYK761), São Paulo, NOV 3 2356 - PP ballad, "Rádio Paulista" ID; excellent w/ CHVO phased [NK]. NOV 4 0334 [BD].
- 560 **GUYANA** VO Guyana, Georgetown, NOV 17 0851 - Likely this w/ Indian mx under CHVO; SIO 322 [JB].
- 570 **BRAZIL** R. Difusora (ZYK672), Taubaté, NOV 12 0640 - Vocal by man, difficult thru QRM, but almost certain // 4925 [DC].
- 570 **CUBA** R. Reloj, unknown site, NOV 8 2355 - Good; man and woman with news, time checks, and "RR" code IDs [BC].
- 570 **GREENLAND** KNR, Nuuk, NOV 9 2326 - W in Greenlandic lang poking through briefly, // 720; SIO 222-1 [JF/JB]. NOV 13 0818 - Talk by man in Danish, poor to fair but definite // much stronger 720 [DC/JR].
- 580 **PUERTO RICO** R. Reloj (WKAQ), San Juan, NOV 4 0400 - "WKAQ Radio Reloj" IDs, SS news; good w/ CJFX phased [NK]. NOV 17 0943 - "Radio Reloj," SS ads; SIO 322 [JB].
- 595 **DOMINICA** Dominica Broadcasting Corp., Hillsborough, NOV 15 0214-0302* - EZL pops such as Céline Dion & Whitney Houston, devotional at 0257, ancr said that they would be back on at 5 am, AM/FM freqs, address, phone numbers and anthem; poor [JB/JF]. NOV 17 0131 - DBS ID during music break, through tough VOXM QRM [JR]. NOV 17 0151 - Rock/calypso mx, faded down very quickly; SIO 232 [JB].
- 600 **BRAZIL** R. Gaúcha (ZYK278), Porto Alegre, NOV 3 2340 - "Rádio Gaúcha" ID; SIO 333 [JB].
- 600 **SURINAME** R. Paramaribo, Paramaribo, NOV 3 2338-0002 - Indian mx, pips at 0000; much QRM from Brazil and Venezuela, SIO 322-1 [JB/NK]. NOV 6 0049 - Woman in Dutch and Hindi-sounding language; SIO 322 [JB].
- 600 **VENEZUELA** R. Sucre (YVQB), Cumaná, NOV 4 0010 - Disco/dance mx, "Radio Sucre" ID; SIO 333 [JB]. NOV 6 0049 - "Mundial Sucre" ID, mixing w/ Suriname; SIO 322 [JB].
- 610 **BRAZIL** R. Itatiaia (ZYL268), Belo Horizonte, NOV 13 0746 - Noted in // to 5970 with something like cajun music, mentions of Mato Grosso [JR].
- 610 **TRINIDAD & TOBAGO** NBS Radio, Port of Spain, NOV 6 0151 - Presume this w/ Caribbean-accented preacher; SIO 343 [BD/JB]. NOV 9 0300 - Fair; "1 minute past 11 o'clock" UTC-4 TC and 91.1 FM ID, Hindi music; per info via the Internet, 610 relays "Radio ICN" 91.1 FM Indian programming [BC].
- 620 **ANTIGUA** Antigua & Barbuda BS, St. John's, NOV 9 0505 - Good; BBC World Service "Newsday," // 5975 [BC].
- 620 **BRAZIL** R. Assunção Cearense (ZYH590), Fortaleza, NOV 5 0259 - "Fortaleza" mentions, male PP ancr; atop phase-nulled CKCM & another station (Antigua ?) w/ EE music [NK].
- 640 **GADELOUPE** RFO, Arnouville, NOV 4 0122 - FF talk; u/ CBN [NK]. NOV 6 0208 - FF mx, // St. Pierre 1375.02; under St. John's local stn CBN, SIO 322 [JB]. NOV 11 0819-0909 - FF pgm about movies with talks about cinema and colorization and numerous selections of jazz and movie music, ads, time pips at 0900, news, all // 1070; fair w/ QRM from co-channel CBN [JF/JR]. NOV 12 0519 - France-Inter music program of guitar music, // 1375.02, good peaks over local CBN with R. Netherlands overnight segment [DC]. NOV 13 0125 - French talk and easily dominant over CBN using Brazil beverage [DC]. NOV 14 0728 - Jazz instrumental to good peak; couldn't establish // with 1420 [DC].

- 650 **BRAZIL** unID stn, NOV 7 0029-0035 - Classical music, excited PP ancr; mixing w/ other PP, SS, & CKGA [NK].
- 650 **COLOMBIA** RCN Antena 2 (HJKH), Bogotá, NOV 7 0027-0105 - Soccer play-by-play; SIO 232 [JB]. NOV 15 0352 - Soccer play-by-play (again); SIO 433 [JB].
- 650 **GREENLAND** KNR, Qeqertarsuaq, NOV 13 0818 - The weakest of the parallel stations heard at this time with a man speaking [JR]. NOV 13 0834 - M w/ Danish talk, // 720; under domestics including CKGA, SIO 222-1 [DC/JB].
- 660 **ST. LUCIA** R. St. Lucia, Castries, NOV 5 2355 [BD]. NOV 14 0221-0304* - Old C&W music including Kitty Wells, ads, ID "This is Radio St. Lucia, it is now time for God," scripture reading at 0300, s/off anmt and anthem; fair w/ QRM from WFAN [JF].
- 660 **VENEZUELA** R. Anaco (YVQR), Anaco, NOV 14 2357 - Clear ID heard before the hour, faded back under St. Lucia [JR].
- 670 **SURINAME** unID stn, Paramaribo, NOV 8 0745-0900 - Hindi music and announcements, good signal until R. Rumbos signed on at 0900; this same station was heard in the same timeframe in August while DXpeditioning in Maine [BC]. NOV 16 2248-0001 - Indian mx stn, W ancr; SIO 322 [JB/JR]. NOV 17 0852-0912 - M and W ancrs in Indian lang, mentioned names, street addresses and areas of specialization of many doctors in Paramaribo, some short interviews in Dutch, Indian mx and ads, anmt w/ address on Keizerstraat in Paramaribo; SIO 343 [JB/JR].
- 670 **UNID** NOV 14 0823 - Heard 2 repetitions of the Deutsche Welle interval signal at this time, hard to tell if this was the PP or SS station on frequency; in one brief moment of silence, one of the stations seemed to ID as "Radio Pacheco" [JR].
- 670 **VENEZUELA** R. Rumbos (YVLL), Caracas, NOV 6 0334 - Romantic songs, chimes, lottery numbers, ID, TC; SIO 444 [JB]. NOV 6 0352 - S/off in SS and EE including address for reception reports, anthem; SIO 444 [BC/BD/JB/NK]. NOV 8 0900 - Sign-on with anthem [BC]. NOV 12 0927 - "Radio Rumbos, la emisora de Venezuela" [JR].
- 672 **CANADA** CKXB, Musgravetown NF, NOV 5 1915 - Off-frequency and transmitting wide-band buzz on 670, this also heard in NH and MA [BC].
- 680 **VENEZUELA** R. Continente (YVQR), Cumaná, NOV 6 0337-0341 - Presumed; promo for "gran concierto de navidad" and a "programa evangélico," mentioned Puerto La Cruz a number of times; SIO 433 [JB]. NOV 8 0903 - Good; sign-on with anthem [BC].
- 690 **BRAZIL** R. Clube do Pará (ZYI532), Belém, NOV 6 0221 - // 4885, PP talk, "Rádio Clube de Pará" ID; occasionally getting through a mix w/ Fortaleza, CBF, & Anguilla [NK]. NOV 6 0259 - PP ads, ID, // 4885; over/under CBF, SIO 332-1 [JB/NK]. NOV 13 0800 - Accordion, then flute music, // 4885 [JR]. NOV 13 0812 - Promo anmts, // 4885; fair over possible R. Sarandí [DC]. NOV 15 0227 - ID then soccer; SIO 332 [JB].
- 690 **BRAZIL** R. Dragão do Mar (ZYH587), Fortaleza, NOV 4 2100 - PP talk, "Fortaleza" mentions; good [NK].
- 690 **COLOMBIA** R. Recuerdo (HJCZ), Bogotá, NOV 17 0922 - Rustic mx, UTC-5 TC, ID; SIO 333 [JB].
- 690 **URUGUAY** R. Sarandí (CX8), Montevideo, NOV 13 0805 - Ad string including "Banco Tri-del Uruguay," swallowed by accordion mx from R. Clube do Pará, SIO 232 [JB/JR].
- 700 **BRAZIL** R. Nova Eldorado AM (ZYK686), São Paulo, NOV 9 0415 - "Eldorado AM" ID and São Paulo mentions, dominant on the Brazil Beverage and over Colombia on the south "track" Beverage [BC]. NOV 11 0302 - PP talks and ads; poor [JF]. NOV 15 0403 - PP promo for pgm from New York, ID: "Aquí Eldorado, aquí música," saxophone mx; deep fades, SIO 432 [JB].
- 700 **VENEZUELA** R. Sur (YVPQ), Puerto Ordaz, NOV 8 0910 - Good; "Esta es Radio Sur, sietecientos AM con la mejor de la música" [BC].
- 720 **GREENLAND** KNR, Simiutaq, NOV 9 0806 - Danish interviews over/under CHTN; SIO 322 [JB]. NOV 9 0950 - Man & woman in Danish; u/ CHTN [NK]. NOV 9 2325 - W in Greenlandic lang o/u Portugal and CHTN, // 570 Nuuk; SIO 322 [DC/JB/JF/NK]. NOV 11 *0932-0948 - Celeste IS, time pips at 0933 (obviously a few minutes behind today!), choir, news at 0935, theme from "The Sting" at 0945, fading by 0948; poor [JF]. NOV 11 2310 - Dialogue by two men, I think in Danish; briefly dominant over CHTN with good signal [DC]. NOV 12 2345 - Man in Danish to very nice peak over CHTN and Porto; poor but again // on 570 [DC/JR]. NOV 13 0818 - Man speaking in Danish or Greenlandic, parallels found on 570, 650, 810 as well! [JR]. NOV 13 0830 - Dialogue and laughter by two men in Danish; very solid signal, enabling establishment of // signals on 3 of the 4 lower-power 5 kW outlets. (Next day, same time, a new Paraguayan was dominating 720!) [DC]. NOV 17 0225 - IDs in Greenlandic, Danish and EE: "I listen to Greenland Radio, KNR," then pop mx; SIO 444 [JB]. NOV 17 0359 - Four long pips (with long spaces in between), then news (mention of "Nuuk"), then reggae music [JR].
- 720 **PARAGUAY** R. Pata'i-Puki, 25 Leguas, NOV 14 0830 - Happened to tape the ID as I was

- passing by this frequency, "Radio Pa'i Puku ... en el corazón del Chaco, Paraguay," then two men talking; then two men talking; not shown in the 1996 WRTH, but listed at 25 kW in new 1997 WRTH (Hearing 2 new ones from Paraguay was a definite highlight for me - DC) [DC/JR]. NOV 17 0812-0822 - Man in slow SS, clear, well-articulated ID that sounded more like "Pai-Puku" to me, at 0813 instrumental mx; some QRM from CHTN, SIO 333 [JB].
- 720 **VENEZUELA** R. Oriente (YVQE), Porlamar, NOV 11 0138 - Latin dance music, ID as "Radio Oriente, Nacional de Venezuela," fair [JF]. NOV 15 0241 - SS phone-in pgm; SIO 332 [JB].
- 730 **PARAGUAY** R. Cardinal AM (ZP7), Asunción, NOV 13 0517, 0530, 0538-0608, 0704 - At 0517 SS talk about some event "con la participación de artistas del Oriente;" W w/ poss. nx at 0530; ID, address and jingle at 0538, mx, local anmts, UTC-3 TCs, ads; at peaks SIO 233 [JB/JR]. NOV 13 0537 - Talk by man with mention of Paraguay, ID mention of "Cardinal" at 0538, then full ID, concluding with "República del Paraguay," long vocal to 0545, then further talks by two different announcers across 0600 to UTC-3 TC at 0604, followed by ads and good morning greetings; very solid peaks, some fairly brief but deep fades (I wonder if it was running 50 kW daytime or 5 kW nighttime power?) [DC]. NOV 15 0255 - "Cardinal" shouts heard twice; "rap" promo heard at 0338 [JR]. NOV 15 0321-0341 - Slow SS talk over "Lara's Theme," talk about electoral code, some ads, ID at 0340; SIO 322 [JB/JF]. NOV 17 0414 - With strong signal, clear ID [JR]. NOV 17 0804-0812 - Fabulous reception, w/ lots of IDs and jingles, local anmts, phone reports; SIO 444 [JB].
- 730 **TRINIDAD & TOBAGO** R. Trinidad, Port of Spain, NOV 9 0410 - Good; BBC World Service in English, // 5975 [BC]. NOV 15 0331-0358 - Presumed this w/ Caribbean-accented M up briefly over R. Cardinal and CKAC w/ religious talk about marriage and the family; SIO 222 [JB/JF/JR].
- 740 **VENEZUELA** R. Caroní (YVNQ), Puerto Ordaz, NOV 12 0916 - "Radio Caroní, con la música de Venezuela" [JR].
- 750 **BRAZIL** R. América (ZYL213), Belo Horizonte, NOV 14 0725 - "América" ID, music dedications [JR].
- 750 **VENEZUELA** R. Caracas R. (YVKS), Caracas, NOV 12 0931 - "RCR" ID, beisbol scores [JR].
- 760 **COLOMBIA** RCN (HJA), Barranquilla, NOV 6 0957 - SS nx, jingle ID; SIO 322 [JB]. NOV 7 0304 - Sports talk, // 770; SIO 333 [JB]. NOV 11 1018 - "RCN" w/ "Buenos Dias Colombia" pgm, ads for British Airways and a bank; only a little QRM from WJR, SIO 444 [JB]. NOV 15 0136-0155 - Soccer play-by-play, lots of ads; SIO 433 [JB].
- 760 **CUBA** R. Reloj, Las Mercedes & Guanabacoa, NOV 9 1016 - Nx in SS, code and IDs; SIO 222 [JB].
- 760 **VENEZUELA** R. Puerto La Cruz (YVQQ), Puerto La Cruz, NOV 12 0934 - "Doble Q" ID [JR]. NOV 13 0904 - Mx pgm beginning on "Radio Puerto La Cruz;" this stn used to call itself only "Doble Q;" QRM from RCN, SIO 322 [JB/JR].
- 760.03 **BRAZIL** R. Record (ZYH888), Fortaleza, NOV 12 0848 - Believe this stn with lively vocal and "a biento aveni" greeting; fair-good [DC].
- 760.05 **GUYANA** R. Roraima (8RG), Georgetown, NOV 13 0858 - Choral anthem beginning but not much else under the RCN station and tentative YVQQ on 760; very poor [DC]. NOV 14 0856 - Anthem at sign-on, no sign of 560 [JR]. NOV 15 0855 - Much better w/ strong open carrier until 0857 when it came to life with ID "This is the Guyana Broadcasting Corporation," choral anthem then followed by "Radio Roraima" ID and freq anmt mentioning only MW and FM, TC for "5 o'clock," then into music pgm; in the clear w/ good signal initially but going down fast by 0905, SW 5950 not detected either day and presumably inactive, again [DC]. NOV 17 0848 - IS coming through clearly; SIO 343 [JB]. NOV 17 0924 - Anmt about worship program on Sundays at 10 [JR].
- 770 **COLOMBIA** RCN (HJXX), Bogotá, NOV 4 0455 - Good; "Radio Nacional" and "AM Stereo Bogotá" mentions, "la radio de Colombia" jingle [BC]. NOV 6 0347 - Over WABC w/ nx of US elections; SIO 433 [JB]. NOV 13 0426-0452 - Ads and nx items, many "RCN" IDs; SIO 322 [JB].
- 770 **URUGUAY** R. Oriental (CX12), Montevideo, NOV 13 0426-0454 - Three-way fight between this, RCN and WABC, but dominant w/ "música romántica" for short periods including at 0441 w/ clear "Radio Oriental, Montevideo, Uruguay" ID and Norña beer ad; SIO 322 [DC/JB/JR]. NOV 17 0200-0210 - Soccer play-by-play mentioned "Oriente" but also sister-station R. Monte Carlo; SIO 433 [JB].
- 780 **BRITISH VIRGIN IS.** Virgin Islands Broadcasting (ZBVI), Roadtown, Tortola, NOV 9 0140-0200 - Rhythmic Caribbean music, then "God Save the Queen" at 0200 closing; CFDR was 'phased to death' leaving this mixed w/ R. Coro, Ecos del Torbes, Brazilians, & WBBM [NK]. NOV 14 2205 - BBC news [JR]. NOV 14 2234, 2300-2313 - Caribbean-accented ancr at 2234, BBC WS nx at 2300, at 2309: "...received through the facilities of, and as a courtesy of, Cable and Wireless, West Indies Ltd.," jingle ID: "Don't bury your thoughts, put your dreams

- to reality, ___ and the people, working together to make the Caribbean a better place to be," then promo from sales dept of stn, ID: "ZBVI 780 AM, the AM advantage," but lost to a Venezuelan at 2313; the major irritant, CFDR, was reduced by phasing, SIO 333 [JB].
- 780 **VENEZUELA** Ecos del Torbes (YVOD), San Cristóbal, NOV 7 0355 - Caught only the Venezuelan anthem, in synchron w/ 4980; SIO 222 [JB]. NOV 11 0924 - "Ecos del Torbes" ID and Venez. mx on brief fade up over usually dominant R. Coro; SIO 322 [JB].
- 789.80 **BARBADOS** VO Barbados, Bridgetown, NOV 7 0405 - M w/ W phone caller, Caribbean accents; SIO 332 [JB]. NOV 12 0350 - Island vocal with a good signal; slight 790 het from weaker unID SS station [DC]. NOV 12 *0903-0924 - Anthem, s/on anmt and morning devotional, program preview at 0907, gospel mx w/ no anmts; good [JF]. NOV 13 0402 - Message for a listener, lower than Mitre 790 [JR].
- 789.83 **ARGENTINA** R. Mitre (LR6), Buenos Aires, NOV 5 0232 - "Radio Mitre" ID, two "Buenos Aires" mentions; fair w/ growl [NK]. NOV 7 0805, 0829 - Excellent peaks, "Radio Mitre" ID, tangos [NK]. NOV 13 0346 - Initially heard as an unID at very good level with promos, chatter and laughter; 0414 re-tune found teletalk by man & woman with definite ID mention of "Mitre," essentially back on nominal freq, adjusted from 789.9 as heard Oct/95 [DC]. NOV 13 0354 - Call-in show, ID as "Mitre," slightly lower than 790, battling with Barbados [JR].
- 790 **UNID** NOV 13 0335-0414 - SS stn, possibly R. Mitre, w/ ad for "Télé-Cuatro," mentioned a place called 'Tolín de los Andes' or possibly 'Colín de los Andes' 3 times, soccer chat mentioning Maradona a few times, possibly pips on the hour - was exactly on frequency; QRM mainly from domestics including CFNW, SIO 322 [JB].
- 800 **NETHERLANDS ANTILLES** TWR (PJB), Bonaire, NOV 7 0023 - Religious talk; St. John's local VOWR almost removed by tuning the antenna termination, SIO 444 [JB].
- 810 **BRAZIL** R. Verdes Mares (ZYH589), Fortaleza, NOV 13 0751 - Up over Caracol w/ ad string including electronics shop in Fortaleza; SIO 333 [JB]. NOV 14 0618 - Timecheck and ID, a sermon or speech heard before this [JR].
- 810 **COLOMBIA** Caracol Colombia (HJCY), Bogotá et al., NOV 7 0047-0455 - News, ads, jingles; SIO 322 [JB]. NOV 11 1012 - ID "Caracol, Primero Información," ads; good [JF]. NOV 13 0528 - Ad, nx w/ dateline "Santa Fé de Bogotá," promo for "Ultima Hora Caracol;" SIO 444 [JB].
- 810 **GREENLAND** KNR, Upernavik, NOV 13 0822 - Danish talk, // 720; under BBC R. Scotland on the European Beverages, SIO 222 [DC/JB/JR].
- 820 **BRAZIL** R. Gazeta AM (ZYI212), Vitória, NOV 13 0631 - Noted with "Noticias Gazeta" and shout of "Gazeta" a few minutes later [JR]. NOV 13 0730 - "Gazeta Noticia" PP nx and ads; SIO 333 way over R. Apintie s/on [DC/JB]. NOV 15 0240 - ID then phone chat; SIO 342 [JB].
- 820 **COLOMBIA** Caracol (HJED), Cali, NOV 7 0357 - "Gran selección" futbol report, // 5075, in the clear after R. Guadalupe sign-off [BC]. NOV 15 0818 - IDs, ads; fair [JF]. NOV 17 0920 - Men singing, // 5075 [JR].
- 820 **SURINAME** R. Apintie, Paramaribo, NOV 12 0849-0859 - Fair-good w/ choral anthem, definite // 4990.95 (but 820 and its puny 1 kW actually stronger, but lost at 0859 due to R. Guadalupe s/on; SW continued with trumpets and inspirational talk, "Now Thank We All Our God" hymn tune, ID at 0915 as "Radio Apintie" (really pleased with this rare one! - JF) [DC/JF/JR]. NOV 13 0727 - S/on with anthem, opening anmts by man and woman and into EZL vocals; very poor under R. Gazeta, improving somewhat by 0750 but much better on the 12th; // 4990.95, fair/deep fades (new country and one of our best South American catches; rarely reported and with just 1 kW) [DC]. NOV 13 0730, 0814 - Fragments of audio seemingly // 4990.95, only tentative due to very low level; SIO 131 [JB].
- 820 **VENEZUELA** R. Guadalupe (YVXG), Coro, NOV 7 0350 - Good; full data sign-off, "...Radio Guadalupe, YVXG, ochocientos veinte kilociclos,..." [BC]. NOV 12 0859 - Sign-on with choral anthem, clear ID w/ mention of Coro and Falcón state, "Amanecer Informativo;" good [DC/JF/JR].
- 830 **ST. KITTS & NEVIS** Trinity Broadcasting, Charlestown, Nevis, NOV 12 0410 - Religious pgm in progress; good over domestic with football [DC]. NOV 13 0536 - EE talk about Biblical Turkey -- which may invite some comment! SIO 444 [JB]. NOV 15 0938-0950 - Woman with birthday greetings to listeners in St. Kitts, gospel mx, and mx requests; good [JF].
- 830 **VENEZUELA** R. Sensación (YVLT), Caracas, NOV 7 0207 - "Radio Sensación" ID; heard by phasing St. Kitts [NK].
- 840 **BRAZIL** R. Bandeirantes (ZYK687), São Paulo, NOV 7 0813-0820 - São Paulo addresses in PP talk, "Rádio Bandeirantes" ID; o/ SS station [NK]. NOV 12 0405 - "Información total," // 6089.97; good atop channel [DC]. NOV 14 0415 - Mixing with RCN, each alternately strong on peaks [DC]. NOV 15 0759 - "Jornal Bandeirantes" promo, many IDs and names of the technical people over chimes, pips at 0800; SIO 333 [JB].
- 840 **COLOMBIA** Ondas del Caribe (HIKK), Santa Marta, NOV 14 0950 - Slow call letter

- "H-J-doble K" ID, earlier than sign-on listed in WRTH [JR].
- 840 **HAITI** R. 4VEH (4VEF), Cap-Haïtien, NOV 14 0958 - Opening over others with slow trumpet theme and bells to the tune of "Amazing Grace," s/ on by man in French, then music sounding like an anthem; good initially but faded down fast with HJJJK coming back to dominate the channel by 1005 [DC/JR].
- 840 **ST. LUCIA** R. Caribbean International, Castries, NOV 3 2308-2311 - BBC WS nx, FF Creole and mx at 2309; over R. Bandeirantes, SIO 333 [JB]. NOV 5 2300 - EE talk mentioned "BBC for Caribbean," o/u 2 Brazilians [NK]. NOV 7 0049 - Religion in EE [BD]. NOV 11 0852-0925 - Reggae mx, BBC news at 0900, "Good Morning" jingle, ID "This is R. Caribbean International, the Caribbean Sound," mx pgm; good [JF]. NOV 12 0942 - Music dedication to listener in Trinidad [JR]. NOV 12 0946 - TC as "14 minutes before 6 in the morning" and promo for "The Caribbean Sound" coming up in ten minutes; very good [DC].
- 850 **VENEZUELA** R. Fé y Alegría (YV??), Maracaibo & Caracas, NOV 7 0330 - Good; "Ocho cincuenta AM, Fé y Alegría" ID, "su program conexión" telephone talk and salsa music [BC].
- 850.02 **URUGUAY** R. Carve (CX16), Montevideo, NOV 13 0337 - Faded up w/ ads for Nutrasweet and "Mac's Milk", la confitería número uno del Uruguay," mx by Ace of Base; SIO 333 [DC/JB/JF/JR]. NOV 15 0005 - M and W w/ SS nx "...Instituto de Oncología de Montevideo...embador español en el Uruguay...Ministro de Agricultura del Uruguay..." SIO 332 [JB].
- 859.97 **NETHERLANDS ANTILLES** R. Curom (PJZ86), Willemstad, Curaçao, NOV 11 0947-0957 - Dominant at this time, still present but essentially unreadable for 15 min afterwards: woman in Papiamentu w/ talk including some nx, song by children at 0954, "Curom" jingle then wx at 1002; SIO 333. (Papiamentu is quite a bit like SS. I listened to the tape a number of times wondering why I could understand almost nothing until I realized it wasn't SS!) [JB].
- 860 **BRAZIL** R. CBN (ZYJ459), Rio de Janeiro, NOV 4 0325 [BD]. NOV 6 2314-2319 - Short news reports, canned "CBN" ID, economic nx; SIO 444 [JB]. NOV 7 0100 - IDs and nx hype; SIO 444 [JB]. NOV 12 0411 - Jingle ID for C-B-N and sports talk by woman mentioning Mike Tyson; killer signal! [DC]. NOV 14 0702 - "C-B-N" ID, well atop another Brazilian [DC]. NOV 16 2350 - Report on Frank Sinatra; QRM from another Brazilian, SIO 422 [JB].
- 860 **BRAZIL** R. Cidade (ZYH592), Maracanau, NOV 7 0135 - PP talk mention of "Fortaleza;" atop CBN outlet at first, then it faded under [NK].
- 860 **CUBA** R. Reloj, unknown site (Arroyo Arenas?), NOV 6 2230 - Poor; minute beeps and "RR" code IDs heard under CBN-Brazil [BC]. NOV 9 0928 - Nx and ID every minute; SIO 222 [JB]. NOV 11 0952, 1004 - Nx and IDs readable as cochannel stns faded down; SIO 222 [JB]. NOV 12 0844 - News and code IDs [JR]. NOV 15 0819-0840 - SS talk w/ clock ticks in the background, time checks with some morse code on the minute; fair [JF]. NOV 17 1018 - Code ID heard [JR].
- 860 **DOMINICAN REP.** R. Clarín (HILR), Santo Domingo, NOV 15 0946-0958 - Latin music, ancr with mention of Santo Domingo during informandos, ads; fair [JF].
- 860 **UNID** NOV 11 1008-1012 - SS w/ nx, a number of fairly clear IDs sounded like "Radio Minfomando," but I have a feeling this is R. Clarín; QRM building from CJBC and R. Reloj, SIO 332 [JB].
- 860 **VENEZUELA** R. Enlace 860 (YVYE), Valle de la Pascua, NOV 9 0927-0932 - SS pop mx, ads including stores in Valle de la Pascua, ID; SIO 322 [JB].
- 860 **VENEZUELA** R. Mundial 860 (YVOL), San Cristóbal, NOV 11 0957-1000, 1007 - Faded up suddenly w/ Venez. mx, canned "Radio Mundial dando la hora," 5:59 TC, "Radio Mundial al servicio de los oyentes" and "Noticiero Mundial" from Caracas; faded up again briefly at 1007; SIO 333 [JB].
- 860 **VENEZUELA** unID stn, NOV 5 2332 - Apparent sporting event, Venezuelan anthem u/ Rio & Fortaleza mix [NK].
- 869.95 **VENEZUELA** "CNV 870," unknown location, NOV 9 0934-0942 - Many "CNV ocho-setenta" IDs (a slogan unfamiliar to me), pgm promos, pgm "Canta, Venezuela, Canta" began; SIO 343-2 [JB].
- 870 **ARGENTINA** R. Nacional (LRA1), Buenos Aires, NOV 4 0103 - "Somos Nacional," freq anmt, PSAs; SIO 333 [JB]. NOV 7 0100 - Good; "Informativa de su Radio Nacional" news [BC]. NOV 7 0825 - Man in SS talked about Argentina [NK].
- 870 **PUERTO RICO** R. Voz (WQBS), San Juan, NOV 7 0105 - Poor to fair; talk about Dominican Republic, and 0220 "programa de jovenes de Puerto Rico" [BC].
- 880 **BRAZIL** R. Inconfidência (ZYL275), Belo Horizonte, NOV 4 0330 [BD].
- 880 **MONTSERRAT** R. Montserrat, Plymouth, NOV 12 0944 - Tentative; gospel music but fading under WCBS; poor [JF].
- 880 **VENEZUELA** R. Mundial (YVYM), Puerto Ordaz, NOV 15 0059 - SS fast talk, trumpet fanfare and 2 "Radio Mundial" IDs, new pgm began "Mundial presenta...;" needed phasing to reduce ORM from R. Inconfidência, SIO 322 [JB].

- 880 **VENEZUELA** R. Paraguaná (YV??), Punta Cardón, NOV 7 0035 - Briefly up w/ betting or contest won by a man in Coro, ID; SIO 232 [JB].
- 890 **BRAZIL** R. Gazeta (ZYK690), São Paulo, NOV 7 0019 - "Rádio Gazeta" ID during sporting event [NK].
- 895 **ST. KITTS & NEVIS** VO Nevis, Bath Village, Nevis, NOV 3 2335 - Anmt about local road work; SIO 242 [JB]. NOV 6 0005 [BD]. NOV 12 0116 - Noted with soca music program [JR].
- 900 **BARBADOS** Caribbean Broadcasting Corp., Bridgetown, NOV 17 0925 - EE church service, happened to notice // 789.78; SIO 333 [JB].
- 900 **BRAZIL** R. Tomico (ZYJ454), Rio de Janeiro, NOV 7 0131-0134, 0145-0151 - Romantic PP music, ID "escucha Tamoio," ads for companies and a shopping center in Rio, more romantic mx and PP version of Animals' "House of the Rising Sun"; SIO 433 [JB/NK].
- 900 **VENEZUELA** R. Mara (YVMD), Maracaibo, NOV 13 0920 - AST time checks, promos or ads ending with "en Mara" [JR]. NOV 14 0924 - ID as "La Mara 900," and mention of "La Fiera Táchira" [JR].
- 910 **ARGENTINA** La Red (LR5), Buenos Aires, NOV 7 0823 - Faded up briefly w/ SS news, "La Red" ID by woman [NK]. NOV 11 0225-0252 - Telephone interviews, many "Presto Fresco" ads, no clear ID until 0251; SIO 433 [DC/JB].
- 920 **PARAGUAY** R. Nacional (ZP1), Asunción, NOV 11 0221 - Caribbean-sounding dance mx, ID, // very strong 9737.3; under CJCH, SIO 322 [DC/JB/JF].
- 929.96 **URUGUAY** R. Monte Carlo (CX20), Montevideo, Montevideo, NOV 6 2340-2349 - "Radio Monte Carlo" ID, SS music, talk "en Montevideo, República Oriental del Uruguay," o/ PP Brazilian w/ soccer; local CJYQ nulled 2 to 3 S-units (!) by Byan-terminated South American Beverage [This was an excellent demonstration of the utility of this Byan system by Neil! - JB] [BD/NK]. NOV 7 0010 - "La Super Radio" slogan, ads, promo for nx pgm, phone chat; St. John's local CJYQ reduced by tuning the antenna termination; SIO 322 [JB].
- 930 **BRAZIL** unID stn, NOV 4 2345 - Brazil u/ local CJYQ (Byan terminated Bev + phasing used for tough null); man & woman in PP, US adult-contemporary music [NK].
- 940 **BRAZIL** R. Brasil AM (ZYJ453), Rio de Janeiro, NOV 13 0622 - Promo anmts and into religious network programme at 0627; very strong [DC].
- 940 **BRAZIL** unID stn, NOV 13 *0618-0632 - Strange sign-on time for this one with anthem, PP s/ on anmt, jingle ID, but unable to decipher, ads and religious program (noted several nights w/ slogan "Sistema Viva Mundial" w/ São Paulo address), probably Rio de Janeiro [JF/JR]. NOV 14 0626 - Several "AM" IDs heard during a Bible program [JR].
- 940 **UNID** NOV 12 0941 - Lively LA mx, OM ancr in SS seemed to mention Venezuela; good [JF].
- 960 **BRAZIL** R. São Paulo (ZYK689), São Paulo, NOV 15 0408 - ID w/ freq, prayer, s/ off anmt, but then jingle ID, TC and religious pgm; SIO 433 [JB].
- 970 **VENEZUELA** R. Mundial (YV??), Barcelona, NOV 17 0329 - Children singing a salsa-type song, "Mundial" ID. 0931 with lottery information [JR].
- 980 **COLOMBIA** RCN (HJES), Cali, NOV 7 0751 - // HJJX-770, SS "RCN" ID, news; way o/ CBV [NK]. NOV 15 0513 - Many "RCN" IDs, // 770 [JR].
- 990 **ARGENTINA** R. 9-90 (LR4), Buenos Aires, NOV 4 0821 - Tentative; sedate SS ancr, ad w/ prices in pesos; atop channel then faded u/ domestic, PP station also mixing at 0823 [NK]. NOV 5 0410 - SS talk "en frecuencia 9-90 transmite los 9-90;" in varying phase-null of CBV & occasional PP QRM [NK]. NOV 14 0743 - Rooster crow, "Transmite La Nueve Noventa," also heard "en La Plata" [JR]. NOV 14 0750 - Rooster crowing and fast-paced vocal, ID per Burnell; fair under domestic QRM [DC].
- 990 **BRAZIL** R. Record (ZYJ461), Rio de Janeiro, NOV 4 0338 [BD].
- 990 **COLOMBIA** RCN (HJDB), Medellín, NOV 15 0531 - SS ads, // 770 [JR].
- 1000 **BRAZIL** R. Record (ZYK522), São Paulo, NOV 4 0339 [BD]. NOV 14 2320 - Man speaking in PP, // 9505 [JR]. NOV 15 0300 - Heard with "Rádio Record Noticias" [JR].
- 1020 **TURKS & CAICOS IS.** Caribbean Christian R., Grand Turk, NOV 12 0111 - VOA "Report to the Caribbean," (this pgm via CCR has since been confirmed by Mark Connelly) [JR]. NOV 12 0212 - Presumed w/ EE preacher; good [JF].
- 1020 **VENEZUELA** R. Margarita (YVRS), La Asunción, NOV 12 2344 - Dance mx and romantic ballads, lottery numbers, IDs now as "Radio Margarita;" SIO 343 [JB/JF].
- 1020 **VENEZUELA** unID stn, NOV 7 0245 - Venezuelan w/ baseball in SS; heard by phasing Turks & Caicos [NK].
- 1030 **ARGENTINA** R. del Plata (LS10), Buenos Aires, NOV 3 0107 - Soccer, many ads; SIO 443 [JB]. NOV 4 0340 [BD]. NOV 5 0215 - SS ad for a concert in December, then "Radio del Plata" ID; big signal at first, gradually faded into PP Brazilian QRM [NK]. NOV 11 0330 - Two time pips preceded by ID, mixing with an unID Brazilian; both fair [DC]. NOV 11 2333 - SS audio surging up over unID Brazilian w/ ad for Telecom answering service, ID; SIO 333 [JB]. NOV 12 0810-0823 - Latin ballads including SS version of Paul Anka's "Diana," laconic SS ancr between songs, ID & time checks; strong-fair [DC/IF]. NOV 17 0338 -

- Classical mx, promo "Del Plata, La Radio, presenta...;" SIO 322 [JB].
- 1030 **BRAZIL** R. América (ZY1777), Olinda, NOV 6 2230 - Sung ID, "Olinda" mention, instrumental music; o/ WBZ & other PP Brazilian [NK]. NOV 6 2246-2305 - Soccer play-by-play, "América" jingle at 2248; SIO 343 [JB]. NOV 17 0314 - PP preacher and crowd, tentative ID [JR].
- 1030 **BRAZIL** unID stn, NOV 17 0324-0338 - Mixing w/ R. Del Plata; religious PP talk, mentioned 3 stns at 0331 including "Rádio Cultura de Bahia, 1140 kHz" but I could not make out the stn on this freq; SIO 222 [JB].
- 1030 **COLOMBIA** RCN Antena 2 (HJER), Cali, NOV 15 0546 - Mentions of Colombia, // 650 [JR].
- 1040 **BRAZIL** R. Capital (ZYK537), São Paulo, NOV 12 0446 - ID mention of "Capital" and São Paulo; very strong [DC]. NOV 14 0657 - Man shouted the "Capital" ID, again with powerful signal [DC].
- 1040 **DOMINICAN REP.** R. Central (HION), Santo Domingo, NOV 11 0936-0946 - SS Dominican national nx, UTC-4 TCs, ads, promo for phone-in show, at 0945 ID as "HION Radio Central;" fades under an unID SS religious stn, SIO 433 [JB]. NOV 13 0931 - News story about earthquake in Peru, mention of Radio TV Dominicana, two men trading off on 'dateline-type' news items; now listed as R. Cadena Noticias, heard "Radio Cadena" partial ID [JR]. NOV 14 0911 - News and clear ID; excellent signal [DC].
- 1040 **PUERTO RICO** WZNA, Moca, NOV 6 0050 - Mentions of "Aguada" and "Puerto Rico" in ad string, over/under R. Capital [BC].
- 1040 **VENEZUELA** LV de Carabobo (YVLB), Valencia, NOV 17 1002 - Anthem, s/ on anmts w/ ID; o/u another SS stn, SIO 332 [JB/JR].
- 1050 **BRAZIL** R. Capixaba (ZYI203), Vitória, NOV 5 0425-0430 - // 4935, PP religion; very good, generally dominant [NK]. NOV 6 0054 - Religious mx, M mentioned a meeting in Vitória, more mx, // 4935, but stronger than SW; SIO 332 [BC/JB]. NOV 14 0648 - PP radio drama which seemed to be of a religious nature, local ID, // 4935; good [DC/JR].
- 1060 **BRAZIL** R. Paraná (ZYJ246), Curitiba, NOV 12 0104 - PP program, mentions of Paraná [JR].
- 1060 **BRAZIL** R. Tapuyo (ZYJ597), Mossoró, NOV 6 0325 - Fair; jingle ID and romantic music [BC]. NOV 6 2305 - ID w/ fanfare, Brazilian ballad; SIO 333 [JB/NK]. NOV 7 0341 - Mellow instrumental mx, ID, SIO 322 [JB]. NOV 15 0020 - Traditional folk vocals [JR].
- 1060 **UNID** NOV 13 1025-1035 - Piano instrumental, meditational style, no announcements heard, not sure if Cuba, Mexico or domestic (I heard the Mexican here with a continuous music program similar to this from Rochester subsequently, although closer to 0800; they were really bombing in over KYW) [JR].
- 1060 **VENEZUELA** unID stn, NOV 13 0959 - Heard with anthem, pips, ID that sounded like "Radio Perez;" faded quickly at dawn [JR].
- 1070 **ARGENTINA** R. El Mundo (LR1), Buenos Aires, NOV 3 0136-0203 - Elvis special, 0200 nx w/ slogans "informo Mundial, con promiso de la verdad" and "1070 -- la sintonia del Mundo," pgm promo; SIO 222 [JB]. NOV 5 0345 [BD]. NOV 6 0300 - Good; "Mil Setenta Radio Mundo" ID and "Mundo Mil Setenta Informa" news [BC]. NOV 11 0829 - Ads from Buenos Aires businesses; good [JF]. NOV 12 0425 - Classical music w/ voice-overs by man citing phone numbers, two pips at 0430; good peaks, o/u CBA with RFO Cayenne starting to fade up 0430+ [DC].
- 1070 **FRENCH GUIANA** RFO Guyane, Matoury, NOV 3 0137-0154 - Over/under R. El Mundo and CBA w/ interview of pop singer; SIO 222 [JB]. NOV 3 0422 - // 1375, man & woman in FF; good peak, mix w/ Argentina & CBA [NK]. NOV 6 0145 - Fair; French big band vocal // St. Pierre-1375 [BC]. NOV 11 0821-0909 - FF pgm about cinema, news etc. // 640; poor [JF]. NOV 12 0431 - Man in French with France-Inter relay, // 1375.02; briefly in R. El Mundo fade, better and easy // at 0435 peak over the Argentinian with talk by man & woman [DC].
- 1080 **BRAZIL** R. da Universidad Federal do Rio Grande do Sul (ZYK280), Porto Alegre, NOV 3 0403 - Classical mx, PP anmts; over WTIC and another Brazilian, SIO 322 [JB]. NOV 5 0431 - PP talk by woman "... Universidad Federal ... 1080 kHz" o/u other Brazilian, into classical music [NK].
- 1080 **BRAZIL** R. Novo Tempo (ZYI540), Belém, NOV 5 0330-0332, 0335-0338 - ID in mush, classical music, sung ID mention of Belém, then PP music; mixed w/ other Brazilian [NK].
- 1080 **COLOMBIA** R. Eco (HJFF), Cali, NOV 11 0929 - Presumed this w/ "la cadena nacional ... desde Cali" then Latin standard "Besame Mucho;" SIO 332 [JB].
- 1080 **VENEZUELA** R. Barcelona (YVQJ), Barcelona, NOV 5 0343 - SS talk "Radio Barcelona, la frecuencia .. de ..." then lively SS music; best on Byan-terminated Bev (ZY's were dominant on Brazil Bev) [NK]. NOV 17 0957 - Venezuelan anthem, ID and s/on anmt; SIO 333 [JB/JR].
- 1080.05 **VENEZUELA** Mundial 1080 (YVNR), Maracay, NOV 11 0931 - Faded up w/ mention of Venezuela and "Mundial" ID; SIO 322 [JB].

- 1090 **CANADA** CBNG, Glovertown NF, NOV 6 1010 - 40-watt LPRT w/ sports nx, // CBG 1400 but not CBN 640; SIO 322 [JB].
- 1090 **VENEZUELA** Unión R. (YVSZ), Caracas, NOV 17 0943 - ID and name of Julio César de Camacho mentioned [JR]. NOV 17 0950 - Politician Dr. Eduardo Fernandez interviewed exclusively for Unión Radio; SIO 333 [JB].
- 1100 **BRAZIL** R. Globo (ZYK694), São Paulo, NOV 12 0422 - Talk by man with ID mention of São Paulo; very strong [DC].
- 1100 **COLOMBIA** Caracol (HJAT), Barranquilla, NOV 13 0935 - // 5075 [JR]. NOV 17 1013 - // 5075 [JR].
- 1110 **BRAZIL** R. Cultura (ZYJ471), Campos, NOV 14 0747 - Echo anmts by man, briefly topping another unID Brazilian; strong, // 4955.2 [DC].
- 1110 **BRAZIL** R. Paraná, NOV 13 0802 - Many, many mentions of Paraná on tape, including possible "Rádio Paraná" ID, but nothing listed for this state [JR].
- 1110 **VENEZUELA** R. Carúpano (YVQT), Carúpano, NOV 12 0042 - noted in passing with "Radio Carúpano" shouted ID [JR].
- 1120 **ARGENTINA** R. Atlántica (LU6), Mar del Plata, NOV 5 0352 - "Atlántica" ID o/u Brazil on Byan-terminated South America Bev [NK].
- 1120 **BRAZIL** R. 1120 AM (ZYK274), Porto Alegre, NOV 3 0214-0301, 0355 - Tentative PP nx, many IDs that sounded like "Rádio Brasileira Liberal" w/ the PetroBras ads that are always heard on CBN stns; SIO 322 [JB]. NOV 4 0344 PP talk, "Porto Alegre" mention, now a CBN affiliate [BD/NK]. NOV 12 0453 - Jingle ID, vocal, "1120" IDs again at 0456 and 0500 and chatter following by woman; good peaks over presumed R. Atlántica [DC]. NOV 17 0233-0249 - Probably the same stn, telephone reports, definite "CBN" at 0248 followed by PetroBras ad; SIO 443 [JB].
- 1120 **BRAZIL** R. Paulista (ZYI778), Paulista, NOV 3 0545 - Good; many "Paulista" mentions in Portuguese talk [BC].
- 1130 **BRAZIL** R. Nacional (ZYJ460), Rio de Janeiro, NOV 3 0041-0048 - "Nacional" ID, old EE pop song, canned "Nacional" again, over WBBR; SIO 433 [JB]. NOV 15 0750 - Man speaking in PP, // 9505 [JR].
- 1140 **BRAZIL** R. Cultural da Bahia (ZYH449), Salvador, NOV 14 2343 - PP talk, mentioned Bahia very many times; SIO 433 w/ CBI reduced by phasing [JB].
- 1150 **BRAZIL** R. CBN (ZYL283), Belo Horizonte, NOV 15 0601 - "CBN" ID, then a comedy program with a man acting drunk and a laughing audience [JR].
- 1150 **COLOMBIA** RCN (HJFP), Neiva, NOV 15 0551 - Talk and sound effects, // 770 [JR].
- 1160 **ANTIGUA** Caribbean R. Lighthouse, St. John's, NOV 15 0045 - Instrumental version of "We Gather Together," ID: "This is the Caribbean Lighthouse broadcasting from Antigua," TC, then classical mx pgm; much SS and PP QRM, SIO 322 [JB/JR].
- 1160 **BERMUDA** VSB3, Hamilton, NOV 9 0846 - BBC WS pgm w/ biologist talking about collecting birds in New Guinea; SIO 444 [JB]. NOV 15 0040-0150 - BBC World Service relay, with "Press Review," "Newsdesk" at 0100 and "Outlook" at 0130; poor [JF].
- 1160 **BRAZIL** R. Espírito Santo (ZYI202), Vitória, NOV 15 0035 - In a pile-up w/ Antigua and SS stns, PP soccer faded up w/ "Rádio Espírito Santo" ID during the play-by-play; SIO 322 [JB].
- 1160 **PUERTO RICO** Super Borinquén (WBQN), Barceloneta, NOV 6 2220 - Fair; "en Super Borinquén" ID, salsa and romantic vocals [BC]. NOV 9 0058 - "...la música ___ frontera a travez [de] Super Borinquén," TC, mx; SIO 332 [JB].
- 1170 **COLOMBIA** Caracol (HJNW), Cartagena, NOV 13 1007 - Very late in morning, single "Caracol" mention [JR]. NOV 14 0646 - Clear // to 5075 [JR].
- 1180 **BRAZIL** R. CBN (ZYJ463), Rio de Janeiro, NOV 7 0430 - Emerged over SS stn (Cuba likely) and WHAM w/ ID, pgm promo, ad, and nx; SIO 322 [JB].
- 1180 **CUBA** R. Rebelde (CMBT), Villa Maria, NOV 17 0935 - Romantic mx, "Rebelde" ID; SIO 333 [JB].
- 1180 **DOMINICAN REP.** R. Mil (HIBE), Santo Domingo, NOV 13 0951 - One of the final signals to propagate at dawn, ID as "Radio Mil Romando" [JR]. NOV 14 0923 - SS talk and island music, ID per Renfrew; excellent signal [DC].
- 1190 **ARGENTINA** R. América (LR9), Buenos Aires, NOV 3 0445 - Good; modern history items including reports on Presidents Reagan and Nixon, Argentina Fútbol, and WWII [BC]. NOV 5 0330 - "Radio América" IDs, "Noticias" mention; very good, way atop EE station [BD/NK]. NOV 14 0817 - SS talk and UTC-3 timecheck "por América;" fair, mixing with another LAm and domestic [DC/JR]. NOV 17 0026-0104 - Lots of SS talk/nx, many Coca-Cola ads, finally a decent ID at 0102; SIO 322 [JB].
- 1190 **BRAZIL** R. Tropical (ZYJ594), Natal, NOV 3 2332 - "Rádio Tropical" ID, PP talk; fair [NK].
- 1190 **PUERTO RICO** WBMJ, San Juan, NOV 17 0026-0100 - EE religious phone-in pgm, solid "WBMJ" IDs at 0058 and 0059; QRM from R. América and WOWO, SIO 322 [JB/JR].
- 1200 **BRAZIL** Ceará R. Clube (ZYH585), Fortaleza, NOV 7 0302 - Nice "Ceará Rádio Clube,

- Fortaleza, Ceará" ID, then choral music by woman, then apparent sign-off; Venezuelan w/ baseball left behind [NK].
- 1200 **BRAZIL** R. Cultura (ZYK520), São Paulo, NOV 11 2350 - Heard with other Brazilians on same frequency, this one // 9615, noted phrase "Rádio Cultura presente" [JR].
- 1210 **BRAZIL** unID stn, NOV 5 0357 - PP talk o/ VOAR, but soon lost [NK].
- 1220 **BRAZIL** R. Globo (ZYJ458), Rio de Janeiro, NOV 11 0207 - PP talks with lots of mentions of Brazil; good [JF].
- 1230 **USA** WESX, Salem MA, NOV 15 0313 - Ads for a computer store at "132 Boston Street in Salem" and "A&E Services in Salem," SIO 232 [JB]. NOV 16 1217 - ID [JR].
- 1250.05 **PARAGUAY** R. Asunción (ZP3), Asunción, NOV 17 0835-0846 - M w/ speech on behalf of the "Partido Colorado del Paraguay," mentioned times and dates of meetings in barrios around Asunción, some weepy mx; SIO 232 [JB].
- 1270 **BRAZIL** R. Brasil Central (ZYH753), Goiânia, NOV 12 0635 - Music that was easily // 4985; fair-good, o/u semi-local CJCB [DC].
- 1280 **BRAZIL** Super R. Tupi (ZYJ455), Rio de Janeiro, NOV 14 0508 - Fast-paced Braso pops; teletalk at 0510; super strong! [DC].
- 1290 **BRAZIL** R. Clube de Salvador (ZYH450), Salvador, NOV 15 0027 - PP preacher, "Tu Amor" slogan, full ID [JR].
- 1300 **BRAZIL** unID stn (ZYH586?), Fortaleza, NOV 4 0027-0033 - ID that sounded like "Rádio Con, 1300 kiloHertz," TC, then mentioned "Fortaleza," SIO 332 [JB].
- 1300 **BRAZIL** unID stn NOV 8 approx. 0115 - Possibly Porto Alegre w/ "Tupi" net ID // 1280, PP football highlights, then into game; signal was u/ Fortaleza [NK].
- 1310 **MARTINIQUE** RFO, Fort de France, NOV 9 0901-0916 - Nx and reports, then sports in French FF (i.e., not Canadian FF), surprisingly not // St. Pierre 1375 (unlike Guadeloupe 640 and French Guiana 1070); SIO 242 [JB]. NOV 14 0440-0505 - France-Inter pgm w/ "Blue Moon," and song by Roy Orbison, no news on the hour, parallel to 1375.02 St. Pierre; poor to fair peaks, o/u unID Brazilian [DC/JF/JR].
- 1320 **PUERTO RICO** NotiUno (WUNO), San Juan, NOV 9 0130 - Man and woman w/ news items in SS, 2303 NotiUno promo; poor w/ at least two other unID LA stations, CKEC nulled by phasing [BC].
- 1330 **BRAZIL** R. Liberal (ZYI533), Belém, NOV 6 0206-0209 - // 4775, PP talk; atop WRCA [NK]. NOV 7 0200 - // 4775, nice ID "Onda Tropical, Rádio Liberal de Belém," then list of frequencies [NK]. NOV 14 0429 - Partial ID gives "--33 onda média" and "--430 onda tropical," which matches with call signs listed in WRTH; a "Rádio Liberal" ID also noted on tape [JR].
- 1330 **BRAZIL** unID stn, NOV 14 0426-0437 - Two Portuguese speakers here, one fair to good over the other but no definite ID nor SW // 's found [DC].
- 1350 **BRAZIL** unID stn, NOV 3 0429 - PP religion mention "La Palabra Libra" & "Avenida Paulista" [NK].
- 1350 **PUERTO RICO** R. La Wega (WEGA), Vega Baja, NOV 8 0140 - Sporting event in SS, Puerto Rico ads w/ phone numbers, mentions of "panaria," "zapataria;" atop PP station w/ CKAD phased [NK].
- 1370 **BRAZIL** R. Atual AM (ZYK766), São Paulo, NOV 5 0132 - "São Paulo" mentions during ad string, phone numbers & addresses given, then time check and nice "Rádio Atual" spoken & sung IDs [NK].
- 1375.02 **ST. PIERRE & MIQUELON** RFO, St. Pierre, NOV 9 0920 - Almost-local stn seemed slightly off-frequency; cooking pgm and silly FF song; SIO 555 [JB]. NOV 12 0705 - France-Inter programme // excellent signal from RFO Cayenne on 5054.9; St. Pierre was consistently slightly high of nominal 1375 [DC]. NOV 13 0505 - France-Inter pgm // 640; good [JF].
- 1379.84 **BRAZIL** R. Continental (ZYI773), Recife, NOV 3 0458-0502 - Likely this w/ PP talk, choral mx, SIO 342 (thanks to Rocco Cotroneo for identifying this station) [JB]. NOV 9 0110 - Presumed; w/ "Silent Night;" SIO 322 [JB]. NOV 12 2245 - Portuguese talk (seemingly religious) with strong signal; presumed ID as reported by others, incl. from Europe [DC].
- 1380 **BRAZIL** R. Paranaíba (ZYL284), Rio Paranaíba, NOV 11 0901 - At a time when Brazilian on 1379.84 kHz was gone, this more western station emerged briefly w/ Brazilian mx and unequivocal "Paranaíba" ID; QRM from CFDA, SIO 332 [JB].
- 1380 **COLOMBIA** RCN (HJEE), Tunja, NOV 9 0750-0803 - Horrible mix w/ CFDA and another unID SS stn, occasionally fading up w/ nx and "la radio de Colombia" slogan; SIO 222-1 [JB]. NOV 11 0335 - "RCN" ID, o/u another unID LAm; fair at times [DC]. NOV 13 0400 - In a fight with unID Brazilian station (not R. Continental, which was stronger and stable on 1379.84), sometimes putting a troublesome het on 1380; both fair-good, making audio very messy; checked almost hourly thru the night but no evidence of much-wanted Chilean, R. Corporación [DC].

- 1380 **VENEZUELA** Ondas del Mar (YVNG), Puerto Cabello, NOV 14 2334 - Faded up over Colombia and CFDA, w/ R. Continental on 1379.84 reduced by phasing, many "Ondas del Mar" IDs, "35 años en el aire" slogan, LA ballads; SIO 332 [JB].
- 1390 **BRAZIL** R. Educadora (ZYI535), Bragança, NOV 14 0802 - Talk by man in Portuguese; fair, almost certain // with 4885 [DC].
- 1400 **GRENADA** Harbour Light of the Windwards, Carriacou, NOV 5 0112 - Religious pgm, Carib-EE time check; to excellent peak w/ CBG wasted by Byan remote termination adjustment; a Brazilian was noted way under [BD/NK]. NOV 7 0052 - Prayer by M w/ Caribbean accent; SIO 232 [JB]. NOV 14 2212 - Religious program [JR].
- 1400 **URUGUAY** R. Zorilla de San Martín (CX140), Tacuarembó, NOV 15 0210-0222 - Tangos, bank ads, jingle ID at 0220, "Onda del Alegria" slogan, "Zorilla de San Martín" yelled at 0221; QRM from CBG, deep fades, SIO 222-1 [JB].
- 1420 **BRAZIL** R. Cultura (ZYL288), Sete Lagoas, NOV 4 2248 [BD]. NOV 5 0200 - Big signal w/ IDs & mentions including "Rádio Cultura AM," "Sete Lagoas," "Minas Gerais," and "música ... notícias;" another Brazilian under [NK].
- 1430 **BRAZIL** R. Clube Paranaense (ZYJ200), Curitiba, NOV 5 0119 - PP ancr, "Rádio Clube Paranaense" ID; good & clear, then lost to other Brazilian that had music [NK].
- 1435.3 **BRAZIL** R. Príncipe Imperial (ZYH637), Crateús, NOV 4 2315 - This station still off-frequency, weak with Portuguese talk and music [BC]. NOV 4 2358 [BD].
- 1470 **VENEZUELA** R. Vibración (YVSY), Carúpano, NOV 4 0130 - Dance mx, ID; over another unID SS stn, SIO 333 [JB]. NOV 5 0210 - "Rádio Vibración" ID; best on Byan-terminated Bev (as was YVRZ-1500) [NK]. NOV 15 0055 - Promos and ads, shouted "Carúpano!" [JR].
- 1480 **PUERTO RICO** Sonido 1480 (WMDD), Fajardo, NOV 15 0103 - Salsa, "Doble D" ID [JR].
- 1500 **VENEZUELA** R. Dos Mil (YVRZ), Cumaná, NOV 5 0205 - "Radio Dos Mil" IDs, SS talk; o/ PP Brazilian [NK].
- 1505 **ANGUILLA** R. Anguilla, The Valley, NOV 7 2215 - Noted in passing with soca music and a good signal [BC].
- 1510 **USA** WNRB, Boston MA, NOV 4 0140 - Excellent; Greek-American program "every Sunday night 8 to 10" [BC].
- 1530 **BRAZIL** R. Cultura (ZYH479), Guanambi, NOV 15 0722 - Several IDs as "Rádio Cultura" (two listed), but tape replay shows one "Rádio Cultura de Guanambi" also had ad for "Auto Services" (at 500 watts my best Brazilian log of the week) [JR].
- 1530 **USA** WDJZ, Bridgeport CT, NOV 16 1248 - PP programs [JR].
- 1540 **BAHAMAS** R. Bahamas (ZNS1), Nassau, NOV 13 0507 - Ad w/ lively reggae, "Dance of the Sugarplum Fairies" on steel drums, bits of Caribbean-accented talk; under WDCD, SIO 322 [JB]. NOV 13 0522-0538 - Caribbean rhythms, OM DJ talking about Sarah Ferguson's US book tour, ID; poor, mixing with dominant WDCD [DC/JF].
- 1540 **BRAZIL** R. Santa Maria (ZYI694), Monteiro, NOV 3 0129 - "Rádio Santa Maria" ID, M & W chat before it faded under WDCD; SIO 322 (my best Brazilian of the DXpedition, heard before anyone else had arrived in Cappahayden) [JB].
- 1550 **BRAZIL** R. Gazeta d'Oeste (ZYJ606), Areia Branca, NOV 4 2100 - Sung "Rádio Gazeta" ID, then classical music; good [NK]. NOV 7 0800-0801 - Open carrier, then PP talk, "Rádio Gazeta" ID at sign-on [NK].
- 1550 **CANADA** CBAF2, Weymouth NS, NOV 16 1308 - R. Canada (FF) sports and talk; 40-watt LPRT; SIO 252 [JB].
- 1560 **BRAZIL** unID stn, NOV 5 approx 0145 - PP talk o/ WQEW; much better on the 1 km Brazil Bev than on the 460 m one [NK].
- 1570 **BRAZIL** R. Sertão Central (ZYH621), Senador Pompeu, NOV 6 2202 - PP mentions of "kilohertz" & "Senador Pompeu," atop others [NK].
- 1570 **BRAZIL** unID stn, NOV 4 2230-2239 - Loud signal w/ PP talk, "Federal" and "São Paulo" mentions, no ID [NK].
- 1570 **CANADA** CKMW, Winkler MB, NOV 12 1004 - A surprise, rock, Broadcast News [JR].
- 1580 **BRAZIL** R. Novos Tempos (ZYJ613), Ceará Mirim, NOV 4 2304-2306 - Beautiful fade-up (burying CBJ), "Rádio Novos Tempos" ID, two "Ceará Mirim" mentions, "1580 kHz" in PP, then MoR PP song [NK]. NOV 6 0144-0147 - "Sinal do Fé" pgm w/ preacher using maximum reverb, three "Rádio Novos Tempos" IDs; SIO 433-2 [JB/NK].
- 1580 **COLOMBIA** unID stn, NOV 14 0517 - Mention of Caracol net, so perhaps R. Robledo, mixing with a Brazilian and another strong unID playing Caribbean music; perhaps the latter was a domestic tester? [DC].
- 1580 **UNID** NOV 14 0510-0520 - Non-stop soca music, loud on both Brazil and Euro beverages, a mystery [JR].
- 1580 **USA** WSRE, Ft. Lauderdale FL, NOV 14 1007 - "WINZ" news relay [JR].
- 1580.03 **VENEZUELA** R. Manzanaras (YVTL), Cumaná, NOV 17 0006 - UnID at this time w/ baseball play-bv-play, // 750 R. Caracas R.; SIO 322 [JB/JR]. NOV 17 0221 - LA dance mx.

- ads for businesses in Cumaná, "Radio Manzanaras" at 0223; QRM mainly from CBJ, SIO 322 [JB].
- 1590 COLOMBIA unID stn, NOV 13 0139-0155 - Soccer play-by-play in SS, // RCN on 770; under WARV, SIO 232 [JB].
- 1590 VENEZUELA unID stn, NOV 13 0129 - Soccer game originating with RCR-750 [JR].
- 1600 DOMINICAN REP. R. Revelación (HIEG), Santo Domingo, NOV 6 2230 - Tent.; relig. [BD].
- 1600 PUERTO RICO R. Luz (WLUZ), Bayamón, NOV 6 2229-2232 - Banco del Pueblo and la Discoteca del Recuerdo ads, ID: "Radio Luz, WLUZ, Bayamón;" SIO 333 [JB]. NOV 14 2250 - Call letters, ad for grocery store in Mayaguez [JR]. NOV 17 0215 - Tentative; w/ baseball; SIO 333 [JB].
- 1610 ANGUILLA Caribbean Beacon, The Valley, NOV 6 0155 [BD]. NOV 9 0857 - Organ jazz, 800 number, seemed // to the signal under CBF on 690; lots of QRN at this time, SIO 453 [JB]. NOV 13 0730 - EE preacher [JR]. NOV 15 0147-0400 - EE religious pgm and religious mx; good [JF].
- 1630 USA KXBT, Vallejo CA, NOV 9 1029 - Presumed this w/ soul mx, ridiculously weak! SIO 252-1 [JB/NK]. NOV 12 0805 - Tentative; goldies [JR].

Epilogue - Musings from the Participants

Bruce Conti:

First, many thanks to Jean Burnell for all the work in preparing the site for our arrival on Saturday night. Neil Kazaross and I arrived at St. John's airport at about the same time on Saturday, November 2. Ben Dangerfield was arriving on a later flight, so we picked up the rental car and headed into the city for a sampling of local brew and to find some extra supplies. Then it was back to the airport to pick up Ben, and off we went to Cappahayden for what was to become another record-breaking DXpedition. Jean had already erected the Brazil Beverage and a European Beverage, and had tables all set up in the radio room for us to get started. It wasn't long before the room was buzzing with radio activity.

To start the next day, the first thing on our minds was to get a good hot meal before proceeding with antenna work and DX. We had planned on going to the traditional "DX restaurant" in Fermeuse. However, the restaurant had other plans, preparing to close for the winter, only open limited hours in the evening -- during DX prime time. So we headed further north to Cape Broyle for our early dinner. However, this seemed unacceptable. On the following day, when Jean went back to St. John's to work, we decided to do some exploring further south along the Avalon Peninsula's "Irish Loop" highway, and found a great place in Trepassy which quickly became the new "DX restaurant." Specialties were baked and fried cod, a traditional "Jiggs dinner," which Ben sampled, and cod tongue which we didn't get to try only because they were out of this Newfoundland delicacy for the week. In addition to a good meal and a visit to the local grocery store for the nightly rations of junk food, the trips south gave us group photo ops under the "Caribou Crossing" sign along the highway through a stretch of open grazing land. Neil and I did have one day when we relapsed to just "survival" food rather than going out for dinner. On the day Ben departed, I had a hearty meal of dry Cheerios and beer while Neil scavenged whatever else was left over from past nights, so we could get started with the DXing extra early -- now that's more like "real" DXpeditioning!

Weather was typical of past autumn DXpeditions; rainy, windy, and cold. On Sunday, November 3, we were out working on antennas in the rain and 40 mph winds. Nothing new there. Hard to imagine Jean rolled out the Beverages alone in even worse weather, but such is the character of many a DXpeditioner. Actually, weather improved significantly by week's end; sunny with temperatures reaching 15 °C or better, perfect for some sightseeing, including a trip out to the Cape Race lighthouse and the many scenic ocean views along the way. Of course, being DXers, we also scouted-out remote sites for future DXpeditions, with good potential for Africa, deep South Americans, Central America, and possibly trans-Pacific DX, and a good distance away from the 1348-ft (411-m) tall Loran C antenna. Yes, this DXpedition wasn't even over, and we were already discussing plans for "NF-DX VI."

Now on to the DX. Among the highlights from the first week were the ability to hear Norway-1314 practically all day and catching Norway parallels at night, DXing UK "locals" three hours before Newfoundland sunset, chasing Iran sign-ons, Neil's 200-watt Lithuanian, hearing Greece across the dial, finding Mali under the local CBC station on 540, and northern catches from Finland, Greenland, and the Faroes. November 9-10 was the last night of DXing for Neil and me, and perhaps the most exciting. We got started late this time (not the usual 3-4 hours before sunset), after a day of sight-seeing. Neil was determined to hear Chad on 840, based upon reported reception of this in Europe. Both of us spent time monitoring 840 as Africa went into darkness. Neil was the first to catch it with an unequivocal parallel to short-wave, later replayed on tape as evidence of this difficult catch. Then just as Neil was losing it to Brazil, I started picking it up on phased wires, not quite as strong, but again parallel short-wave and differentiated from St. Lucia

and Brazil. This was just the beginning. Soon, Dave Clark and John Fisher arrived on the scene with Jean. Almost immediately, Dave got his receivers set up and locked on to 1566 and 5010, waiting for signs of India. And sure enough, India did manage to get through Switzerland on 1566 parallel short-wave. Then Jean and Neil, being on their toes, checked for the India powerhouse on 1071, and clear as day the frequency provided us with Hindi music. My turn came later, while monitoring 1044 for Kenya, when Georgia faded up for a brief interlude of music unequivocally parallel short-wave. "Georgia! 1044! Parallel short-wave!" I yelled, and we were all on it like Newfoundland hunters spotting a caribou on the last day of open season. This was typical of the teamwork that led us to a new milestone in medium-wave DXing with at least 113 countries heard in the first week.

A couple of technical notes are worth mentioning. As in past DXpeditions, active antenna splitters were used so antennas could be shared by all. However, when doing some troubleshooting of one splitter that exhibited low output level (traced to a faulty power connector), it was learned that the splitters result in about 2 s-units of signal loss. During the day, we measured signal levels on one antenna connected through a splitter, and then directly to the receiver. Some of the loss may have also been due to the extra cable length from the splitter to the receiver, but I don't believe it affected any of our DXing. The benefit of isolation provided by the splitters which allowed antenna switching and phasing to be performed on shared antennas without interfering with others was worth the 1 or 2 s-units. Requisite implementation of noise reduction / ground isolation transformers helped, not only by reducing noise pick-up from the house, but also by improving antenna efficiency / impedance matching, such that any loss due to the splitters would be even less apparent. Of course, use of Beverage-length wires is what really makes the difference trivial.

A Byan remote-controlled termination was used with about 1500-feet aimed toward Brazil. Unfortunately, conditions toward Brazil were less than optimal. But the Byan was still effective, especially when phased against one of the other wires for Africa. The Byan also coupled into the Brazil wire which ran in parallel. When the termination was turned on or off, it produced dramatic differences in my nulls with other wires phased. I nulled CJYQ-930 St. John's with the Brazil and "track" wires while Neil was using the Byan, and when he switched it off, I lost the null, further evidence of the effectiveness of the Vactrol termination. As in past DXpedition experiments, it was found that a single 250-ft ground radial at the termination was inadequate. Additional radials were required to improve the Byan antenna performance. Unfortunately, the 6000 feet of twisted pair I ordered never arrived for more extensive Byan antenna experiments. It was apparently returned by Canadian customs agents due to a "lack of documentation" according to the supplier in California. It was a somewhat unusual situation anyway; me placing an order for wire in the US and asking them to ship it to an exotic location in Canada.

And that, believe it or not, is a capsule of NF-DX V, my third visit to the "DX Inn" of Cappahayden. Sorry about the long dissertation, but when you spend eight nights DXing with some of the best in the business in such a superior location, there's no shortage of things to write about. So I'll stop now, simply by saying, "Looking forward to NF-DX VII!"

Ben Dangerfield:

Now that I have been securely home in good old Wallingford, PA, for almost a week - back to reality I call it - I can take time to reflect on my five wonderful days up there in rainy, windy Cappahayden. I have had great DX experiences like first hand tuning for TA's in 1943, 1944, and 1945 while chasing Germans (enemy soldiers, not stations) across Europe, or like the fabulous DX years of 1963, 1964 and 1965, but last week tops them all.

I flew up via Toronto on Sat. Nov. 2nd with apprehensions about going through security with my assorted DX equipment, but the only place I had to prove that the R8A was indeed a radio was here in Philadelphia. No one even cared about the phasing unit (which I couldn't use after all up there because of a defective splitter connection). I did have to walk a mile through the Toronto airport both going up and coming back, all the while lugging the R8A in a small carry-on bag. My flight into St. John's via Halifax landed on time at 9:30 PM, and Bruce and Neil came along to pick me up. Somewhere after 11:30 we arrived at Cappahayden where Jean was there to meet us, having already put up one European wire and the Brazilian wire. They helped me get connected, and shortly after midnight we were doing our thing. We DXed until around 2:30 am. Like all newcomers, I was overwhelmed so began with an end-to-end band scan, logging along the way all the stations I was familiar with. In the next few days, I became more and more selective.

Sunday we all drove up toward St. John's for fish and chips, then returned to string the other antennas. I went with Neil along the "beach" route putting up a second European wire...all rocks, wind and rain, with a cliff on one side and rough surf on the other. We didn't finish until around 3:00 PM, and when we did get to the radios the TA's were booming in with huge signals. Each day we hurried back from lunch as soon as we could, and each day the TA's were already there - as

early as 1:00 PM local time. After Sunday we ate our mid-day meal at a great restaurant in Trepassey, down the other direction. The cod was fresh and the Jiggs dinner (corned beef and cabbage) quite tasty. Then we could DX the next 10 to 12 hours and nibble on snacks if hungry.

The guys were great: Bruce with his technical skill and easy going thoroughness, Neil with his gift of gab, his TA savvy, and his persistence on Chad and Brazilians. He and I enjoyed a nip of Scotch. And Jean, of course, was on top of all of it. I marveled at his language detection ability. He and I also share an interest in world travel and raising a family! We all worked together as a team, each one of us contributing to the effort.

It would be hard to list the highlights. I certainly enjoyed sitting on 1476 in mid-afternoon with Dubai on top like a local, and Azerbaijan, Guildford and Iran each clear and distinct behind. Or Athens on 1386 to confirm my home reception of early September plus a parallel on 981. And Jordan on 1494, another I had heard back home but couldn't ID. Of course, it was a thrill to catch Yemen on 1008, with help from the SW parallel, and to hear so many deep South Americans on top of even frequencies. For that matter, I was fun to hear TA's on all the even TA frequencies, not just 1530 and 720 as at home.

Jean drove me back to the airport on Thursday morning, taking me up to Signal Hill first to the Marconi tower. Took the rest of my pictures there, having taken several of the site and the guys. Got home tired but happy on the evening of Thursday, Nov. 7th.

John Fisher:

Overall I must say that even with all of the high expectations that I had on the DXpedition, the quality of what I heard was beyond my wildest dreams. Even though I have been on numerous DXpeditions in Ontario and in the Rocky mountains, this was by far the best. I certainly gave myself away as a Newfoundland "newbie" by my frequent queries of "What is this?" and "You won't believe this signal!" Highlights of the week (DX wise) had to be Gambia on 648 (and especially Dave Clark's screams of anguish, when we told him about our log as he phoned in from the Toronto airport), Georgia on 1044, Lebanon 873 and Suriname 820, all of which were first time logs for Cappahayden.

Always an important part of any DX gathering was the time spent away from the radio dial. Seeing the barren countryside of the Southern Avalon peninsula for the first time was a real treat. I can only imagine how impressive it must be in Spring when the icebergs float past. In spite of absolutely numbing unemployment in the area since the fishing industry collapsed several years ago, I was impressed by the friendliness of the local residents. From the Lawlors who owned the DX-Inn to the Devereaux's at the Trepassey Motel, everyone was always very friendly and willing to chat up us strange folk with the wires. In fact, when I was on the plane out of St. John's to Calgary and mentioned to the person next to me that I stayed in Cappahayden, he asked if I had met the Lawlors and the Devereaux's! It certainly is a small world.

A number of factors contributed to any DX success that I had. Great antennas, location and propagation go without saying. But there were two other factors, I think. One is being surrounded by experienced MW DXers. Bruce and Neil on the first night and Jean, Dave and Jim were a wealth of experience and knowledge, which was of great help. A second contributor, I think, was having a good working knowledge of the short-wave bands. There were many times where it was possible to parallel a rare MW station by knowing its SW frequency. Georgia, Lebanon and Suriname pop to mind. Overall, it was an exceptionally enjoyable and fruitful week, thanks in large part to the organization and hospitality of our host, Jean Burnell. So now that I have the bug, I will be looking forward to NF-DX VI.

Dave Clark:

After my initial DXpedition experience at NF-DX IV in October, 1995, it was great to be part of a return engagement for NF-DX V. It was a pleasure to see Jean again, who was kindly waiting at the airport for my mid-day arrival on Saturday, the 9th. I was treated to an afternoon tour of Signal Hill until it was time for us to return to the airport to pick up John Fisher arriving on a later flight. Of course, we had to check out the even-channel TA's on Jean's car radio on the way to Cappahayden. It was readily apparent conditions were going to be interesting when we heard, amongst others, the likes of Vatican and São Tomé fighting it out on 1530, and the Saudi blanketing 1520. Upon our arrival, it was good to see Bruce and Neil again as they were staying over until the morning of the 10th. It was also nice to greet another NF-DX IV fellow-participant, Jim Renfrew, who arrived on Monday, the 11th. I had to depart midday on the Thursday the 14th, while John was departing on the 15th, leaving Jim and Jean to finish off "the kill." I should add that perennial Newfoundland DXpeditioner Mark Connelly was with us in spirit this time, although he certainly did do a lot a parallel monitoring on medium wave from his excellent coastal sites closer to home and this made for interesting comparisons of reception patterns.

And now for some observations. Turning first to short-wave, early evening reception of

sub-continents was again a highlight (including a tantalizing tentative log of the local Azad Kashmir Radio on 3664.9) and a worthy area of focus on the Tropical Band frequencies. The Indian signals are much stronger and hold up much later (well-past transmitter sun-rise) in Newfoundland, as compared with my home experience in Ontario.

November 10th UTC evening was perhaps the best date for the early evening All India Radio stations, along with a very nice 0015 UTCs s/on of Radio Nepal, on the Tropical Bands. Signals were superior on our European beverages, indicating a relatively high latitude direct path. This would seem to correlate well with the period of very quiet geomagnetic conditions prevailing from 1800 UTC on Nov 9th through 0300 on Nov 10th when the consecutive 3-hour Estimated Planetary K index values were: 1-1-0-0. It's quite revealing that the corresponding high latitude (as measured at College, Alaska) 3-hour K index values for this period were: 0-0-0-0. Thus, while we did have some interesting SWBC logs, there is no getting around the fact that the primary focus for us at Cappahayden is international medium wave DX. Except for a period of moderate geomagnetic disturbance when conditions were active at times during the period Nov 13-15, conditions were otherwise mostly quiet and stable, with Estimated Planetary A Index values as low as 2 on a number of days within the two-week DXpedition period commencing November 3rd. This meant that there was no major "auroral" occurrence that might have significantly enhanced trans-equatorial reception from Africa, let us say, while potentially wiping out signals from northern Europe on medium wave. That fact, combined of course with the cyclic lows in sunspot numbers as we transition from Cycle 22 to Cycle 23, meant that as a general rule, we enjoyed good to very good reception prospects from virtually all possible target areas. Taken together, these propagation factors probably helped us add about a half-dozen new countries to our "all-time MW heard-in-Newfoundland" count which I'm guessing will stand at about 140 when all the logs are sorted out. Furthermore, when I departed on the 14th, the total countries confirmed during NF-DX V alone was about 120, a significant jump from the previous high of 95 garnered in Oct/95, recognizing of course that we had more participants and a cumulatively longer duration to work with this time.

From a seasonality perspective, a one-month difference from October to November did make a noticeable difference in some medium wave reception patterns (and there was certainly less QRN to contend with this time). Propagation conditions being typically more volatile, i.e., greater propensity towards active or stormy geomagnetic field, closer to the equinox contributed to spotty high latitude reception in Oct/95. While there was nary a whisper from the Faroe Islands station on 531 kHz last year, this time we enjoyed excellent reception one morning in particular at 0715 s/on, and we heard Greenland (another absentee last year) on 4 of the 5 possible channels. The AFRTS station at Lajes in the Azores operates with only 100 watts on 1503 kHz, but it was heard very well indeed, while logging our second and third AIR medium wave stations was exciting too! Now that we've heard all 3 megawatt heavy hitters, the going gets tougher in the future. Reception from the Middle East and near-Asia was notably better this time too.

Contrariwise, although big gun reception from Argentina and Brazil (plus a few from Uruguay) were still to be heard, high-band reception of low-power, mid- and deep-southern signals bore no comparison to the spectacular, (near) equinoctial reception we enjoyed in 1995. Graveyard (250/500 watt) Brazilians were abysmal, and once again, our collective efforts to log Chile were frustrated. Nonetheless, logging three more stations from Paraguay was a big breakthrough, while hearing the 1 kW Radio Apinte from Suriname was a South American highlight.

Notwithstanding our exploits with the Gambia stations, as well as Namibia, African signals in general were less prevalent this time. I never managed to re-log the 500-watt Ascension Island BBC relay - relatively easy last year - not to mention my game-plan to go after St. Helena on 1548. It's funny how one's perspective of "superior" conditions evolves with a return visit to The Rock!

The extent of Jean's efforts to organize and host these "Cappahayden capers" can only be truly appreciated by those of us who have had the privilege and opportunity to attend. We should each be so lucky that there will be a NF-DX VI in our future.

Jim Renfrew:

In Scripture, the Suffering Servant (considered by many Christians to be representative of the coming Messiah) is described as one who will be "a light to all the nations, to the end of the earth" [Isaiah 49:6]. There is nothing like an experience of Newfoundland to get a full appreciation for the diverse and distant nations that can be found on the radio spectrum ... and we had the experience of hearing stations that were at the end of the earth (or not far from it).

I am very appreciative of the insights DXing gives me as a world citizen, allowing me to live a little closer to my global neighbors through the radio medium. I enjoy the strange languages (and the growing ability over the years to understand a little of them), the interesting music, and the alternative political perspectives. Newfoundland really enhances the DX experience!

I'm not sure what the team total country count is after five of these Newfoundland events, but I

know that I've heard 114 after two times there. One evening, I realized that I had already heard 8 new countries that day, including Moldova, Ceuta/Spanish Morocco, Burkina Faso, Madeira, Sicily, Channel Islands, Jordan and Cyprus. Back home in Rochester it has taken me twenty years to hear 50 countries, and I'm lucky if I hear even one new one in a given year.

I was the last one to make it to Cappahayden, on Monday, November 11. As I was driving down the coast in my rental car, I was already messing with the radio in the heavy rain. Of course, I could only tune TA's on even frequencies, but I managed to hear VOA São Tomé fighting with the Vatican on 1530, and it was still daylight. As the week went on, I learned that some TA's could be heard all day long, even at local high noon, including Norway 1314, Ireland 252 and UK 198. The real action began around 1630 UTC, which left little time for other than sleep and a lunch in Trepassy each day, before getting back to DXing.

Bruce, Neil and Ben were long gone when I arrived. As was the case last year, within minutes after I said "Hello" to Jean, Dave and John the radio was unpacked, and I was hooked up to the Beverages. It was a good sign that the Qatar 954 tentative logging of last year was the first to be logged this year, with a definite parallel to 7210 short-wave. In fact, finding short-wave parallels was a very fruitful way to identify weak stations this year. I got a number from the Middle East, Asia, Africa and Brazil in this way.

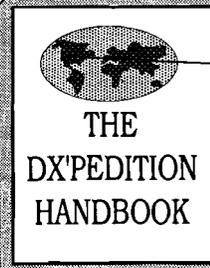
Conditions were definitely favoring TA's this year, but there were a number of interesting logs from South America. We heard two new ones from Paraguay on 720 and 730 (the 720 R. Pata'i Puku is not listed in the WRTH!), heard a strong signal from an unlisted station on 670' in Suriname, and from reviewing my tape back home I heard a 500-watt Brazilian on 1530, Rádio Cultura de Guanambi. Arriving late had its advantages, because some rarities had already been flushed out for an easy log. The disadvantage was that the weather was much worse in the second week, with gale force winds and snow, and this left little motivation for patrolling the antenna wires, some of which were found mangled by the elements when Jean rolled them in on Sunday.

One of the more challenging experiences was DXing from 0900-1000 UTC, when the terminator is moving west over the Caribbean basin, and signals rise up for a just a few moments before Newfoundland daylight takes over. The last new log of the week was La Voz de Carabobo 1040 at 1002 UTC. At this point Jean said the DXpedition was all over, and that we both looked like Carabobos. Having lived in Venezuela, I should have realized that Jean knows his Spanish, because I learned later that the word means "funny face" or "clown." After seven days of limited sleep I am sure that is exactly how we looked.

A special thanks to Jean (and his family) for making this all possible. I hope to return! I also learned that the Lawlor family only opens the DX Inn only for us, so they deserve our very special thanks for making these accommodations available.



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Station Profile

A special feature about a unique station

Tony Fitzherbert
356 Jackman Avenue
Fairfield, CT 06430-1728



3-W-S Radio
WWSW AM 970 & FM 94.5
One Allegheny Square
Pittsburgh, PA 15212

WMBJ was licensed in 1929 to a Reverend Sproul, one of hundreds of roving evangelists of the era, to operate on 1500 khz from his revival tent in the hamlet of Menesson, PA. The 50 watt outlet broadcast only when the reverend had his nightly revival services, although WMBJ's mailing address was at the long gone Star Theater. WMBJ ("Where Men Believe in Jesus") was tended by Chief Engineer Ansel Lewis, who transported his portable transmitting equipment in his car from his Indiana home, with the Reverend Sproul paying Lewis' costs. Soon the evangelist set up a studio in a house on Frankstown Road, in the Pittsburgh suburb of Wilkinsburg. The transmitter was in back of the house.

On December 20, 1930, William S. Walker, a Pittsburgh advertising agency owner and radio salesperson, bought WMBJ and applied to the Federal Radio Commission for a construction permit to move the station to Pittsburgh and raise power to 100 watts. He also applied for the call WWSW, for "William S. Walker". Mr Walker initially aired many live music programs making liberal use of the station's studio orchestra. WWSW briefly affiliated with NBC.

The *Pittsburgh Gazette* Publishing Company acquired WWSW from Mr. Walker in 1932, and applied for a daytime power increase to 250 watts. The studios were moved from Wilkinsburg to headquarters atop the Hotel Schenley in Pittsburgh's Oakland section. The station moved again in 1934 to the Keystone Hotel on Wood Street in downtown Pittsburgh. 1936 saw the transmitter move from Wilkinsburg to the top of Fineview Hill, which today is known as "Television Hill" as most of the area's FM and TV stations are clustered on the crest. Here the station erected a 154 foot Blau-Knox self supporting tower to transmit the 250/1000 watt signal.

By 1933, WWSW became a uniquely Pittsburgh institution with weekly remote programming from at least seventy Pittsburgh locations, such as churches, schools and universities, night clubs, hotel ballrooms, and sports centers. A regular feature as the Saturday and Sunday concerts by organist Marshal Bidwell at Carnegie Music Hall.

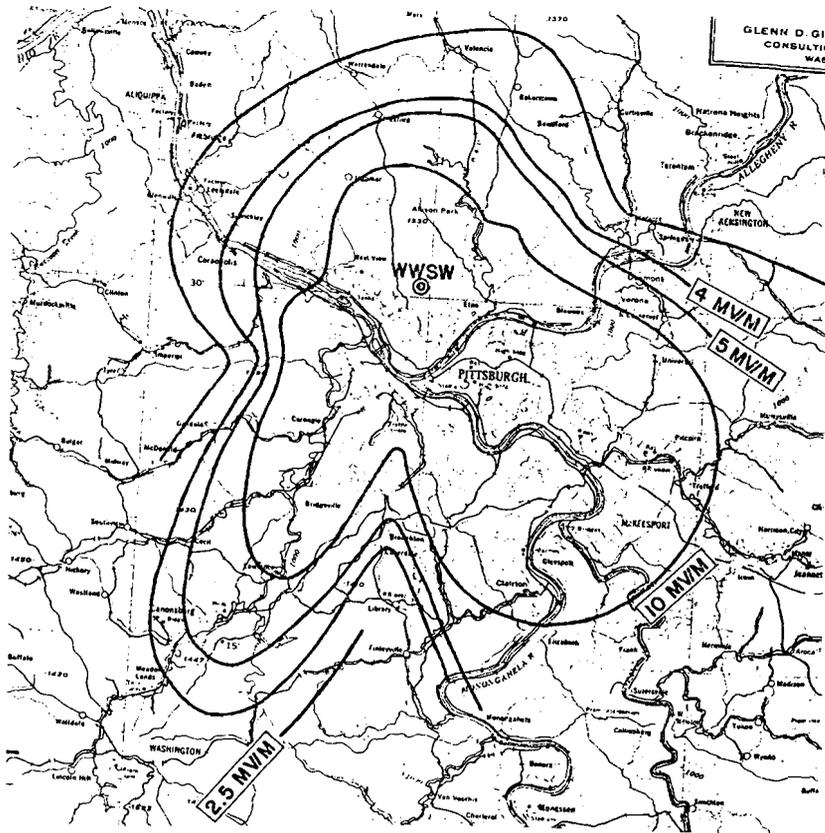
In 1932, WWSW began play by play accounts of Pittsburgh Pirates road games, recreating the action in the studio, from reports received over leased telegraph lines. Thus, Pittsburgh got its first regularly scheduled baseball broadcasts. WWSW became a member of the regional Quaker State Network.

Throughout the 1930's WWSW dedicated itself to serving Pittsburgh, carrying many public service and sports. The station's motto was "Promoting Pittsburgh Institutions".

In 1939, WWSW increased its night power, and replaced its tower with a 350 foot high structure atop Fineview Hill. The station briefly became a Mutual Broadcasting outlet. On March 29, 1941, as a result of the NARBA Treaty frequency reallocations, WWSW, like hundreds of other radio stations, had to move, in this case, from 1500 khz to 1490 khz. In November 1939, WWSW became the first Pittsburgh radio station to broadcast 24 hours a day, with a weekly silent period from 6:00 am to 8:45 am on Sundays.

Faced with competition from 5000 watt KQV and WJAS, WWSW, on the local frequency of 1490 khz, with static and interference in many sections of Pittsburgh, needed the prestige and clearer signal found by operating with a more powerful signal. Thus, on November 25, 1949, at halftime during a Pittsburgh Steelers - Philadelphia Eagles football game, the station moved from 1490 to 970 khz, with a power increase to 5000 watts. WWSW ended use of its Fineview Hill tower, switching to a new antenna system, an eight tower array adorning the crest of two hills in Ross Township, six miles north of the "Golden Triangle". WWSW management originally considered 5000/2500 watts with four in line towers, but opted for two separate, very tight patterns, using two four tower in line configurations. The eight 245 foot high Blaw-Knox self supporting towers are in use today. A unique airport beacon atop one of the towers warns low flying aircraft. A Continental 315-F transmitter feeds the array, backed by a Westinghouse unit.

WWSW continued to operate from the now renamed Hotel Sherwyn, where it had acquire huge rooms for live performances. In 1968, studios for DJ work were set up at the station. WWSW



continued to broadcast around the clock with endless Pittsburgh features. The station, ID'ing as "Radio 97" added "good music" or a middle of the road format. In 1973, WWSW affiliated with CBS, a relationship which lasted until 1979.

WWSW operates the oldest continuously broadcasting FM station in the USA. "W47P", the experimental call, as issued its license in 1940. After World War II, W47P became licensed for commercial use as WWSW-FM. The call was changed to WPEZ in the 1970's, programming Top 40 music, on 94.5 mhz, its dial location today.

WWSW AM and FM moved in 1968 to the present spacious quarters on the 8th floor of One Allegheny Square, in the Allegheny Center, just north of the "Golden Triangle", the rejuvenated heart of Pittsburgh. The facility boasts a main studio, two production studios, a news room, and offices. As WWSW AM and FM simulcast 100%, the AM studio is used for storage.

For years, WWSW, or "3Ws" as the station became known, conservatively programmed its station. In the mid 1970's, challenged for listeners by FM, and more specialized formatting by the AM competition, WWSW-AM began broadcasting rock and roll. The rock format did not last, being replaced in 1978 by country music. Faced with competition from established country music stations WEEP-1080 and WIXY-1360, WWSW management then looked for success with a talk format. In 1984, talk, and the call letters WTKN aired over the 970 dial position. WTKN carried some local telephone talk, and relied heavily on ABC Talknet to build an audience. Like prior format changes, this met with little success. Thus, in 1987, the station returned the WWSW-AM call and both AM and FM went to oldies formats. WWSW-AM broadcast 1950's and 1960's music, and the FM featured hits from the 1960's and 70's. By 1988, the stations began to simulcast their oldies programming, and arrangement which continues today.

WWSW has been owned by the Shamrock Broadcasting Company since 1984. It airs live assist oldies, presented by its staff of DJ's around the clock. ABC Directions and some local news round out morning drive offerings.

Two popular WWSW shows are the "3Ws Sunday Night Oldies Diner" from 7:00pm to midnight and the "Midday Oldies Lunchbox", a noon request show. WWSW-AM has a tiny audience of mature folks who may not have an FM radio in their cars or at home. No plans exist to end the simulcast, even though the FM signal covers all of the AM pattern's area, including western Pennsylvania, parts of Ohio and West Virginia, and, according to promotional material, "a little tiny corner of Maryland".

Thanks go to Phil Lenz, WWSW Engineer for his gracious help in the preparation of this WWSW Station Profile. Phil drew from both his personal knowledge and the Engineering Department files for this profile.

NEWS 1220 WKRS

THE TALK OF LAKE COUNTY

Lake County, a part of Chicago's northernmost suburbs, is one of the fastest growing counties in the United States. This bustling area combines the sprawling housing tracts of Deerfield, Northbrook, and Libertyville with the mature, elegant lakefront communities of Lake Forest and Lake Bluff, the naval community at the Great Lakes Training Center, and the industrial, ethnically diverse lakefront city of Waukegan.

Five AM radio stations are licensed within the county. While four of them format ethnic programming exclusively, the fifth, WKRS-1220, Waukegan, has been the county's full service news, sports, and information station since 1949. WKRS, standing for "Waukegan's Radio Station", began operations on September 25, 1949, from its present headquarters, a single story brick building at 3250 Belvidere Road, on the outskirts of Waukegan. Frank H. Just, owner of the *Waukegan News-Sun*, built the station, which was licensed under another family business, the Keystone Printing Service. WKRS signed on the air with a daytime 1000 watt signal on 1200 khz. Mr. Just simultaneously put 12,000 watt WKRS-FM on the air at 106.7 mhz. The FM, simulcasting AM programming, was shortlived. He promoted WKRS as Lake County's only station, and emphasized local news and information. He set up a news bureau in the western Lake County town of McHenry, to supplement his newspaper's news gathering activity in Waukegan.

WKRS again operated an FM station in 1977, when it bought WEFA, a competing Waukegan broadcaster. 3000 watt WEFA carried a mix of ethnic programming, country music and middle of the road melodies, until 1981. In that year, the call was changed to WXLG. WXLG "Hot 102.3" today formats "The Best Songs from the '80's, '90's and Today". Its signal covers Lake Michigan's shore from Milwaukee to the Indiana boundary.

WKRS remained in the Just Family until October 1, 1987, when H & D radio, based in Groton, CT, bought the AM - FM combo for \$5.5 million. The new owners continued the Just Family's practice of carrying local news and information, mixed with middle of the road music. Mutual News augmented local coverage. Locally talk shows were extremely popular. WKRS aired telephone talk long before it truly became in vogue throughout AM radio.

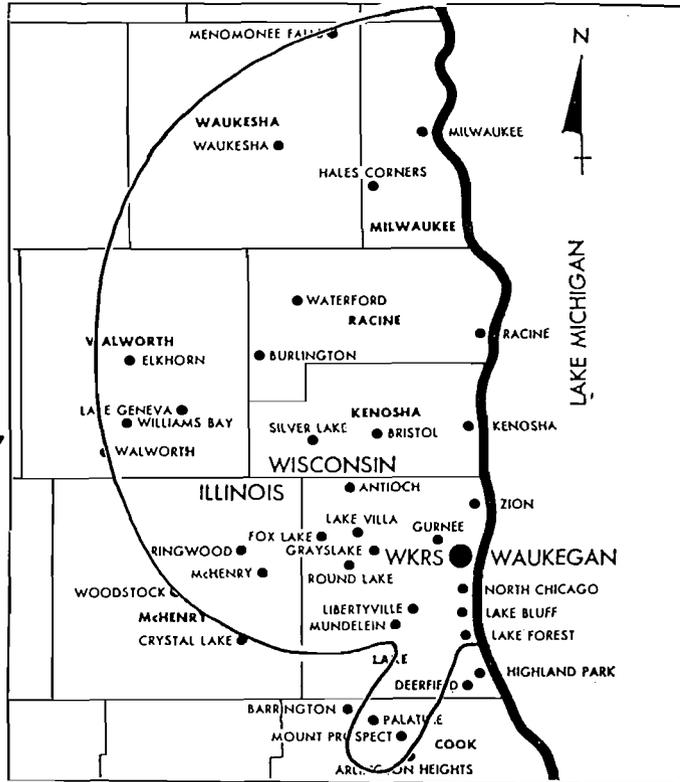
Today, WKRS remains the premiere morning news source for Lake County. The *Waukegan Sun-News* remains an afternoon newspaper in an era where PM papers have long succumbed to TV's 6:00pm news. WKRS operates from 6:00 am to 10:00 pm with 1000 watts days and 67 watts at night. Weekdays begin with a four-hour locally-produced news block. Daniel Chapp produces a talk show from 10:00 am to 3:00 pm, and a Lake County oriented sports show airs in the early evening. Hourly newscasts, prepared by three full-time news persons, keep Lake County informed. ABC Directions feed national and world events to the station. In the evening, the CBS Gill Gross Show takes WKRS to its 10:00pm signoff. An early news block begins Saturdays on WKRS. The immensely popular "Swap Shop" is heard from 9:00 am to noon, and a home improvement show produced by a party in Lake Bluff runs in the afternoon. WKRS also carries many high school football, basketball, and baseball games from the thirteen high schools in Lake County. On Sundays, news and public affairs programs are heard, as are more high school sports events. The Redeemer Lutheran Church's services have been broadcast live on WKRS for decades. WKRS and WXLG maintain high visibility in Lake County by doing live broadcasts from area businesses, and the station broadcasts live from all major community events.

The stations' modern building houses offices, a control room for WXLG, and a news booth and talk studio (with old Gates Board) for WKRS. Adjacent is WKRS busy news office. Two production studios occupy what once was a huge studio for live performances.

In back of the building is WKRS's transmitter, a Harris SX1-A. It feeds the station's two tower system, which consists of a self supporting 322 foot high tower, which also holds WKLC's

COVERAGE

THE TALK OF LAKE COUNTY



NEWS 1220
WKRS
THE TALK OF LAKE COUNTY

elements, and a guyed 180 foot tower. WKRS's signal is directional North, to protect several other stations on 1220 in Indiana and southern Illinois, as well as Mexico City.

The editor would like to thank Mike Topoll, WKRS-WXLC General Manager, a veteran broadcaster with 25 years experience, and Operations Manager Nick Farella, who has worked in radio since 1967, for their help in the preparation of the WKRS Station Profile.

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Professional Sports Networks
Barry S. Finkel bsfinkel@ANL.gov
10314 S. Oakley
Chicago, IL 60643-2409
Network listings for team sports stations

Here are a few hockey and football updates.
Charles Bernth reports hearing the AHL Portland Pirates on 970 WZAN-ME. Tom Sanders reports the following from the Colonial Hockey League:

- Flint Generals 1330 WTRX-MI
- Saginaw Lumber Kings 1440 WMAX-MI
- Port Huron Border Cats 1450 WHLS-MI

Tom reports the following from the International Hockey League:

- Cincinnati Cyclones 1530 WSAI-OH
- Detroit Vipers 1130 WDFN-MI

Tom also reports that 1100 WTAM-OH is an affiliate of the Baltimore Ravens' (NFL) network, with Baltimore commercials and promos. They insert their own liners and legal IDs.

Here is NBA 1996/97 Basketball flagship information from the newspaper collection at the Chicago Public Library. If there are multiple stations listed for one team, then (usually) the first is the flagship station, and the others are network stations that are in the areas where the newspaper is available. As I do not have current information as to the announcers, I have listed the announcers from the 1994/95 season. If there are changes, please let me know. I have no lists of individual networks; please send me any that you have. Thanks.

- | | | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Atlanta Hawks | 750 WSB -GA | Steve Holman |
| Boston Celtics | 850 WEEI-MA | Spencer Ross, Cedric Maxwell |
| Charlotte Hornets | 1110 WBT -NC | Matt Pinto |
| Chicago Bulls | 1000 WMVP-IL
930 WAUR-IL
107.1 WSPY-IL
560 WIND-IL (SS) | Neil Funk, Derrek Dickey (b) |
| Cleveland Cavaliers | 1100 WTAM-OH | Joe Tait |
| Dallas Mavericks | 570 KLIF-TX | Ted Davis |
| Denver Nuggets | 950 KKFN-CO | Jerry Schemmel |
| Detroit Pistons | 950 WWJ -MI | George Blaha, Mark Champion |
| Golden State Warriors | 680 KNBR-CA (EE) | Greg Papa |
| Houston Rockets | 740 KTRH-TX (EE)
1010 KLAT-TX (SS) | Gene Peterson |
| Indiana Pacers | 1070 WIBC-IN | TBA |
| Los Angeles Clippers | 101.9 WQFE-IN | Mark Boyle |
| Los Angeles Lakers | 540 KNNZ-CA
1260 KNNS-CA
570 KLAC-CA | Ralph Lawler, Rich Marotta |
| Miami Heat | 1330 KWKW-CA (SS)
1290 KMEN-CA (SS?)
1520 KTRO-CA
610 WIOD-FL (EE)
850 WEAT-FL
1300 WFFG-FL
830 WACC-FL (SS) | Chick Hearn, Stu Lantz |
| Milwaukee Bucks | 620 WTMJ-WI | Dave Halberstam |
| Minnesota Timberwolves | 1130 KFAN-MN | Jose Paneda |
| New Jersey Nets | 710 WOR -NY | Howard David, Jon McGlocklin |
| New York Knicks | 660 WFAN-NY | Kevin Harlan, Tom Hanneman,
Chad Hartman |
| Orlando Magic | 580 WDBO-FL | Ian Eagle, Mike O'Koren |
| Philadelphia 76ers | 610 WIP -PA | Mike Breen, Walt Frazier |
| Phoenix Suns | 620 KTAR-AZ (EE)
1480 KPHX-AZ (SS) | Chip Caray, Jack Givens
Jon Gurevitch |
| Portland Trail Blazers | 1190 KEX -OR | Al McCoy, Cotton Fitzsimmons |
| Sacramento Kings | 1440 KVON-CA | Carlos Burgos, Manual Soliz
Bill Schonely, Mike Rice
Tim Royle, Gary Gerould |

KICS - 1550 AM



San Antonio Spurs	1200 WOAI-RX (EE)	Jay Howard
	1350 KCOR-TX (SS)	TBA
Seattle Supersonics	950 KJR -WA	Kevin Calabro
Toronto Raptors	1010 CFRB-ON	
	99.9 CKFM-ON	
Utah Jazz	? KJZZ-UT a	Rod Handley, Ron Boone
Vancouver Grizzlies	730 CKLG-BC	
Washington Bullets	980 WRC -DC	Charley Slowes

a I do not find a KJZZ in the "AM Log 17"; last year the broadcasts were on 570 KISN-UT.
b These are the 1996/97 announcers.

DX Audio Service Historical Moments

January 1997

By John D. Bowker

Historical Moments in Radio ... a collection of stories of the rich and exciting past on the a.m. radio dial ... and today a look at the origins of radio broadcasting by our Canadian neighbors. It appears they have many of the same uncertainties about when broadcasting started that we in the U. S. do ... but after some careful research and a review of work by Mary Vipond in the McGill-Queens University Press, certain facts become clear.

For instance, there is no doubt that voice and music tests were conducted in Toronto and Montreal during 1919. And it was about that time that some enterprising souls began to think that maybe they could manufacture and sell radios to the general public. This was based on the mail received from the public as a result of tests run during the spring of 1920.

The program consisted of "Hello, this is a test ... one ... two ... three ..." and when it was necessary for the engineer to step away from the microphone, he would play a phonograph record. The public wrote in to ask if there were some way the station could announce it times for broadcasting symphonies and other good music.

This was coupled with the success being enjoyed by a local music store. That music store had gambled by loaning the radio people the records that were played on the air, and they immediately noted an increase in sales of the selected records.

Our story now focuses on Montreal where the experimental station operated by the Marconi Company, XWA, established a schedule of musical programs on Tuesday evenings starting in late 1920. Not only that but, on Christmas Eve, 1920, XWA had a short visit from Santa Claus ... it is probable that very few people heard his "Ho-ho-ho", however, since they came in the middle of a test program on another evening of the week. Word about radio began to spread throughout the dominion ... by the middle of 1921, the Marconi station in Toronto was broadcasting musical concerts every Tuesday evening too. The large department store, Eatons, established a radio receiver department.

The *Toronto Star* newspaper got the idea that radio might be useful in selling newspapers and sent employees to Pittsburgh and to Detroit where radio stations seemed to be flourishing. The reports from those cities convinced the *Star* to build a radio station that would stay on the air every day of the week.

At first, they threw some equipment together just to show their own management what they had in mind ... and to their astonishment, fan letters from hundreds of miles away began pouring in!

It didn't take long to assemble a proper station ... and the Canadian Government was anxious to promote radio as a way to encourage tourism and to help get news and culture out to its residents far from urban reaches, particularly to the north of the settled centers of population. Thus, CFCA was born, licensed to the *Toronto Star*. By the end of 1921 and more noticeably during the spring of 1922, radio stations began appearing simultaneously in most major Canadian centers.

In March, 1922, the Radio Branch of the Department of Naval Service decided that a new category of license should be created for these entertainment stations that had been operating under experimental licenses. They called the newly licensed enterprises, "Private Commercial Broadcasting" stations.

Licenses for broadcasting in Canada, therefore, began officially on April 1, 1922 and the call signs they made available to the stations ranged from CFA to CKZ. By April 30, 1922, 21 such licenses had been processed and were assigned frequencies ranging from 666 to 750 kiloHertz. The stations were allotted as follows: Marconi stations were granted in Halifax, Montreal, Toronto, and Vancouver were all assigned to 440 Meters (that would be about 680 on modern dials).

The Montreal station was named CFCF and was the first to be issued. Two other stations were

granted in Montreal, CJBC at about 710 and CHYC at about 730 on the dial. Toronto received 6 stations, each separated by a bit under 20 kiloHertz from the next.

That was too close a spacing for radios of that era ... in fact, even today, stations in the same city are not assigned channels closer together than 40 kiloHertz except in the rarest of cases. Other Canadian cities getting allotments in that first series of licenses were Calgary, Regina and Winnipeg.

And so, within a month, radio broadcasting was off and running throughout the provinces and, within 6 months another 26 Canadian stations had been authorized, thus pretty well blanketing the populated sections of the country.

For Historical Moments in Radio, this is John Bowker.

Musings

of the Members

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*Times are local per Muse; submit double-spaced only.
Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer
and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.*

Bill Alisuskas - 7548 Hillside Drive -
Douglasville, GA 30134

More news re: Radio Disney. Launch date was 11/18/96; there are 4 stations on the net. A call to them said that they will grow, but meantime, affiliates are in Minneapolis, Salt Lake City, Atlanta (WKHX-590) and Birmingham (WYDE-850). Also, on or about 1/2/97, WQXI-790 is scheduled to change to Radio Aahs, dropping their brokered programming. Not too much more doing, hope all had a great holiday! 73 (Sorry for the delay in getting this in the fold Bill; your report along with Ray's must have gotten blitzed by the E-mail eater-DWS)

Ron Musco - Box 118 - Poquonock,
Connecticut 06064

The saga unfolds: Two v/l's in one envelope no less-actually nice certificates from 1620-WJDI and 1580-WJDI (the 1580 is for an April, 1972 0600-0645 reception where Coshocton, Ohio was mentioned as its location using a hydrogen-filled balloon to support the antenna). Also included a color pix of the XR set-up. My first fax verie from the TIS on 1610 kHz in Albany, NY. It took over a year and finally obtained from a Secretary in the Office of Information Technology, as the guy in charge of the Xmitters is a loser when it comes to answering letters. I've got to go to Dick's Friendly Sporting & Killing Shop again as my buddy needs some more game trackers and I need some snare drums. Looking at my trusty night pattern book I see that the 770 Florida Tests should be well heard in Cuba. No TESTS have been tried for since the 1570-WYTI fiascos. Lack of interest on my part. The expanded band and graveyarders have been occupying my time. I wonder if any of those records in the graveyard columns are on tape or verified by some means...the ones I submitted were. Perhaps there should be

separate listings. And when someone overseas hears a station that is held by a domestic DX'er there could be two records for the same station. Humm. I see in April I'll have been a member for 35 years. tempus flies.

Mike Sanburn - P O Box 1256 - Bellflower,
CA 90707

Greetings. I was reading JOHN SAMPSON'S loggings in the 11/25 DDXD-W. Amazingly, this past weekend while driving through Orange Co at night, I heard what was possibly the same Spanish station on 1680. I still have no idea what it was, and it eventually faded out completely as I travelled W. JS-Your UNID on 1700 is most likely Jack Murphy Stadium in San Diego, CA. I heard the HAR on 1620 that mentions Cal Trans, they don't give call letters but their address is: Cal Trans/Cal Traffic: 2501 Pullman, Santa Ana, CA 92705. Its good to hear my closest local WPGG527 (KLWD)-1620 Lakewood, CA is getting out so well with only 10 watts. I kind of wish they would sign off once in a while. I discovered a new one on 1640 in Irvine, CA 11/23, WQO688 running a test loop message. Looks like this seasons "one that got away" was the CIGM-790 Test. I missed it, but several people in CA were able to log it even in the omnipotent presence of KABC. I tried for the KKOJ & KALM tests also but no luck. If anyone is still trying to find a Sony SRF42 AM Stereo Walkman, J&R Music World might have a few left via mail order, their # is 1-800-221-8180. Sportsfans, Websurfers, and merchandise collectors, XETRA has a site at www.xtrasports.com. Hope to see everybody again at next year's conventions on both coasts. 73

WALE TALK
RADIO 990

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