

AM Switch

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Youngstown, OH 44512-1320

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

CALL LETTER CHANGES

Old call	New call
600 KIIX CO Wellington	KCOL
850 WJAC PA Johnstown	WODZ
940 CIQC PQ Montreal	CKNN
970 KBBK ID Rupert	KFTA
980 KBBC AZ Lake Havasu City	KNTR
990 WDCZ NY Rochester	WLGZ
1000 WXWY AL Robertsdale	WDXZ
1250 WCHO OH Washington Court House	WMXV
1350 KKEN OK Duncan	KXCD
1380 WAMS DE Wilmington	WTMC
1410 KCOL CO Fort Collins	KIIX
1490 WBZD NY Watkins Glen	WGMF
1540 WDCD NY Albany	WPTR
1560 WLJA GA Ellijay	WPGY
1570 WRHD NY Riverhead	WFOG



Notes: The KCOL/KIIX call swap was shown incorrectly in Issue 10 due to a mixup from an information source; it is correct as shown above. The WPTR change had not been granted at press time but is shown here to alert you that this change will take place January 1 and you may not receive another DX News before that due to our holiday skips.

APPLICATIONS FOR NEW STATIONS

ON Toronto: 50000/50000 U1 (at last count there were seven competing applications for this vacated CBL facility)

GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

630 CJET ON Smiths Falls: to 92.3 FM
1430 CHKT ON Toronto: to 93.5 FM
1430 CHKT ON Toronto: to 740 kHz with 50000/50000 U1 (application will be considered along with others requesting 740 kHz only if CHKT's application to move to FM is denied)

GRANTS TO EXISTING FACILITIES

1190 WBIS MD Annapolis: to Highland Beach, MD with 50000 D3
1210 KBSG WA Auburn: relocate separate day and night transmitter sites
1410 CIGO NS Port Hawkesbury: to 101.5 FM

OTHERNESS

550 WASG AL Atmore: station is SILENT (seeking to relocate transmitter)
620 CKOY ON Timmins: CP to move to 104.1 FM is on
660 WORL FL Altamonte Springs: reported in trade publication to be on the air, but local monitoring indicates this station is not yet operational
690 CKVL PQ Montreal: CP to move here from 850 kHz is ON THE AIR
730 WBZS VA Alexandria: station is SILENT
900 WSNQ MI Gaylord: station is SILENT
940 CKNN PQ Montreal: new station is ON THE AIR
990 WLHN IN Muncie: silent station is ON THE AIR
1210 WJZZ MI Kingsley: station is SILENT
1290 WCBL KY Benton: CP to relocate transmitter is on
1370 WLTH IN Gary: silent station is ON THE AIR

1400 KKTL WY Casper: new station is ON THE AIR
1560 KKUZ OK Sallisaw: station is SILENT (owners seeking to donate the station to a local group)

A note on addresses: Although this column does not include address change information, I've heard some comments recently about address information being "wrong" in the Log and felt a comment would be appropriate. Along with the widespread consolidation of broadcast properties over the past several years have come wholesale address changes. Nearly every multi-station market now has several or more stations with common ownership which has resulted in studios and business offices being relocated and often consolidated at a central location. Over the next few years it will be virtually impossible to maintain any sort of accuracy concerning addresses. Here in the Youngstown market alone at least four stations have changed addresses since the new Log came out, and in January four more will move to a new address. Multiply this times the number of multi-station markets, and you can see that address changes are happening in huge numbers. Any Log that was totally up to date last summer will be filled with incorrect addresses even now. Please report address changes you may have noted to DDXD.

THANKS: Bill Hale, Shawn Axelrod, John D. Bowker, John S. Bowker, Thomas Giella, John Clark, Perry Crabill, Les Johnson, Ed Krejny, Phil Yelohanz and MSJ

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

Jerry & BKF

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The NRC AM Radio Log, 20th Edition, is compiled from both members' reports and from official sources so that it is the most accurate listing of U. S. and Canadian AM stations available - and it includes Expanded Band stations. Cross-referenced, 3-hole punched for standard binders. Still only \$16.95 to U. S. and Canadian members; \$22.95 to U. S. and Canadian non-NRC members. Airmail to members: Latin America, \$24.00; Europe, \$25.00; rest of the world: \$28.00. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).



Domestic DX Digest

West: Bill Hale phantom2@eaze.net

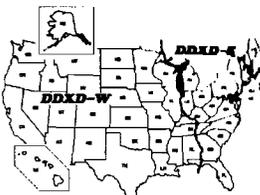
6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

East: David Yocis DavidYocis@aol.com

532 LaGuardia Pl., #462 - New York, NY 10012-1428

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

(Division line is
between East and
Central time zones)



DDXD-West

MEDIUM WAVE RAMBLINGS

- Thanks to J.W. Bay, Jr of Drexel Hill, Pennsylvania for the great postcard! Oh . . . he submitted some new Graveyard loggings, including his Florida Number 1 GY catch (WSBB), but no records. Sorry.
- Back in Issue 8, I erroneously listed the 1690 in Roseville, CA as "KXXX". But, everybody knows that KXXX is in Colby, Kansas. The 1690 in CA is "KSXX". Thanks to Gary Houdek of Munden, Kansas for setting the record straight. Gary also mentions that he heard 590 in Omaha IDing as "Wild Country 94.1" and says . . . "I thought stations should use call letters at the top of the hour." They're supposed to, Gary. The rule says at a convenient break in programming near the top of the hour, or some such. Many stations blatantly violate that rule. Many that simulcast their FMs, and more so on FM, I believe.
- Remember, the DDXD columns are for . . . well, DX. Bandscans and regular catches go elsewhere.
- A big THANK YOU to all who have contributed to DDXD-West this past calendar year! Since this is the last issue before the Holidays, let me wish you and yours all the best. DX, of course. See you in '00. Next deadline for DDXD-West is December 30.

REPORTERS

RD-AZ Ragnar Danneskjold Mesa Kenwood R-1000 with Zepp antenna; '94 Buick with Delco Radio; 1946 Sonora RDU-209 with 6 tubes and internal air core loop <lwdxer@juno.com>

CG-LA Charlie Gaharan Tjhibodaux CCRadio barefoot

GJ-CA Gary Jackson Sacramento

PT-WA Pete Taylor Tacoma Sony ICF 2010, Kiwa air core loop <taytac@worldnet.att.net>

PT-CA Pete Taylor San Francisco Bay Area car radio

JJR-WI John Rieger South Milwaukee FRG100, Kiwa loop, MFJ-959B Tuner/Preamp, DSP-599zx Audio Noise Reduction Filter <johnrieger@webtv.net>

PT-WA Pete Taylor Tacoma Sony ICF 2010, Kiwa air core loop <taytac@worldnet.att.net>

JW-CO John Wilkins Wheat Ridge Drake R-8, 4-foot loop <peakbagger3@juno.com>

DZ-WI Dan Ziolkowski Cudahy Sony 2010 with Kiwa Filters; Drake R8 + Kiwa Loop <danzziolkowski@compuserve.com>

Ed.-TX Editor North Richland Hills

WCBG RADIO
1590 AM
Radio Hill, P.O. Box U, Chambersburg, PA 17201 • (717) 263-4131

STATION NEWS & NOTES

980 KRTX TX Rosenberg - 12/4 0100 - FM/AM legal ID, then into program of hip-hop and other black music. Frequent 100.7 House Party tags. Generally fair in QRM. New format, ex: Tejano. New catch, for Texas #149. (JW-CO)

1280 KJAX CA Stockton - 11/9 1330 - Noted while driving between Pittsburg and Walnut Creek, California with all Christmas music and elderly-oriented ads. Called them and was told they would probably be going oldies after Christmas. Watch for new calls, too. (PT-CA)

UNIDs, UNIDs IDed and UNID HELP

970 KTFA ID Rupert - 11/12 0053 - SS unID appears to have been this (ex: KBBK) and not Bakersfield as originally (and aurorally) expected. Heard SS music again 11/28 2257 (ID not readable), so suspected it had to be closer. (PT-WA)

1230 UNID ?? - 11/20 0100 - Sounds like KDYA AM & FM, Hugh Compturis (or KDYK, Hugh Alturas). (PT-WA) [Well, we all know that KDYA is on 1190 in Vallejo, but I don't see any 1230s near there which may have been // them. Maybe a computer program? - Ed.]

DX AND EQUIPMENT TESTS

1660 WMIB-FL Marco - 11/28 - No sign of anything through the never-mute Ute, KXOL. Even fluorescent light noise would be a thrill to hear through this thing . . . (PT-WA)

TIS & OTHER STUFF

1700 UNID ?? - 12/3 0900 - There appears to be a new TIS/HAR here. Very weak, almost inaudible. Gave a phone number like 670-1923 and appears to be asking for reports. Very weak, with fades of up to 15 minutes. (GJ-CA)



MIDNIGHT TO MIDNIGHT ELT

550 WDUN GA Gainesville - 11/24 0713 - News Talk 55 ID and as netzero.com. (CG-LA)

570 WKYX KY Paducah - 12/6 0633 - ID, poor in mix, then gone. (DZ-WI)

570 WVMI MS Biloxi - 12/6 0658 - Presumed sign on, multiple IDs to America the Beautiful. 0700 full ID to CNN News. Fair, and on top. (DZ-WI)

570 KLIF TX Dallas - 12/7 2209 - With Mavericks vs Grizzlies basketball and ID. (RD-AZ)

590 KAQQ WA Spokane - 12/6 0906 - With SID Q 59, then traffic report with mention of wrecks on I-90 and a jack knifed truck at the Pullman exit. Notice that all kids love: Riverside schools are closed. KAQQ ID at 0910. Strong steady signal. New. (RD-AZ)

640 KFI CA Los Angeles - 12/7 2211 - With the Phil Hendries Show. (RD-AZ)

680 KNBR CA San Francisco - 12/7 2213 - With Warriors basketball. (RD-AZ)

700 KWLW UT Salt Lake City - 12/7 2214 - With Utah State basketball. ID at 2215. (RD-AZ)

740 WNOP KY Newport - 11/30 0626 - Real Jazz 740 with mention of Kentucky. Fair and alone. (DZ-WI)

770 KKOB NM Albuquerque - 12/7 2216 - Sportstalk with Ed McLaws. (RD-AZ)

790 KABC CA Los Angeles - 12/7 2220 - With Sears Vinyl Siding ad. (RD-AZ)

810 KGO CA San Francisco - 12/7 2223 - With two California Lotto ads in a row. Then an ad for Golden State Warriors ticket plans. (RD-AZ)

830 WCCO MN Minneapolis - 12/4 0505 - Finally logged after 3 years, with calls, thanks to a strong CKKY which cuts down on the KIRO image. (PT-WA)

840 KVJY TX Pharr - 12/10 1730 - With full legal ID in both EE and SS, then playing ranchera and banda. Was on for about 5 minutes and then faded into the mud. (RD-AZ)

850 KOA CO Denver - 12/7 2224 - With a sports talk program, talking about football. (RD-AZ)

860 KKOW KS Pittsburg - 11/29 0705 - Ad for Broadway Auto Repair. (CG-LA)

880 KRVN NE Lexington - 12/7 2225 - With ID and Johnny Cash [and June Carter Cash] singing Daddy Sang Bass. (RD-AZ)

910 WALT MS Meridian - 12/1 0740 - ID: Musical Soul Food T 91, then gospel music and ad for TV Channel 11. (CG-LA)

910 WDOR WI Sturgeon Bay - 11/30 0700 - Poor, with sign-on, into ABC News. With W??? (JJR-WI)

960 KCGS AR Marshall - 12/1 0733 - Gospel music with Greg Roberts. (CG-LA)

980 KJOX WA Selah - 12/7 2100 - This station, with 1-on-1 Sports, throws a tough het on CKNW, sometimes emerging on top (in which case CKNW causes the het). Very rare. (PT-WA)

1020 KCKN NM Roswell - 12/7 2226 - With ads for Roswell Recycling and Groan Funeral Chapel (What a name for a mortuary!). (RD-AZ)

1030 KCWJ MO Blue Springs - 12/4 1902 - Legal ID as Kansas City's Christian music, KCWJ Blue Springs - Kansas City, then program of AC REL music with few interruptions. Fair in KTWO null. (JW-CO)

1030 KTWO WY Casper - 12/7 2227 - With Wyoming Cowboys playing Mt. St. Marys in basketball. (RD-AZ)

1060 KKDS UT South Salt Lake - 11/28 0106 - With NOS and promo, so must not have switched to nighttime 100+ watts non-D yet. Also very loud 12/3 2308 with Sinatra. CKMX looped. (PT-WA)

1080 KYMN MN Northfield - 11/30 0706 - Fair, with NBC News, ad, weather, news. Rare here! (JJR-WI)

1080 KRLD TX Dallas - 12/7 2228 - With a sports talk program announced by a woman having an interview with Anthony Munoz, a lineman, who played for the

Call Sign	State	Frequency	Power	Notes
1120	KMOXp MO	Bengals. (RD-AZ)		St. Louis - 12/6 1940 - With a sports talk show about <u>St. Louis Cardinals</u> baseball. They came up for about two minutes over ultra pest KANN. KMOX is very rare here. (RD-AZ)
1120	KANN UT	Roy - 12/7 2230		- Playing religious music. (RD-AZ)
1130	KWKH LA	Shreveport - 12/7 2231		- Playing <u>Almost Persuaded</u> then <u>Diggin' Up Bones</u> . Classic Country format. (RD-AZ)
1160	KSL UT	Salt Lake City - 12/7 2232		- With <u>BYU</u> basketball. A timeout for a player who was cut and bleeding and then an ID. (RD-AZ)
1200	WOAI TX	San Antonio - 12/7 2233		- Ad for <u>San Antonio Express</u> and then scores and stats from <u>Spurs</u> and <u>Pacers</u> game. (RD-AZ)
1240	KMCL ID	Donnelly - 12/1 0100		- Is back again - this time with an ID just before <u>KXLE's</u> . (PT-WA)
1260	KTTS MO	Springfield - 12/3 1755		- Fair, with traffic report, local sponsor and <u>Classic Country-AM 1260</u> non/IDs. All alone. Rare. (JJR-WI) [My 1260 at night - Ed.]
1270	WKBF IL	Rock Island - 12/4 1900		- Legal ID <u>Great songs, great memories ... WKBF Rock Island</u> and into more NOS music. Fair. (JW-CO)
1280	KDYL UT	Salt Lake City - 12/9 0114		- Very loud, with ID and jingle, but not // <u>KAQQ</u> , <u>KGEM</u> , <u>KKSN</u> , <u>KUMA</u> , etc. Ran net news at 0108. All Christmas music - with the strange exception of <u>Kingston Trio's</u> <u>Scotch and Soda</u> . With this format, I thought for sure it would be <u>KJAX</u> . There is no rationale for this station's frequent, strong showings, unless they don't cut power or their array is out of whack. (PT-WA)
1320	KWHN AR	Ft. Smith - 11/30 0732		- Fair, with station promo. Alone. 1320 <u>KWHN</u> . (JJR-WI)
1410	KMYC CA	Marysville - 12/8 1900		- Strong central California night; first time I have been able to pull this station through <u>CFUN</u> . Loud ID into news. (PT-WA)
1480	KLEE IA	Ottumwa - 11/21 0659		- Call ID heard in a mush; very weak. (DZ-WI)
1490	KBZY OR	Salem - 11/15 2000		- Slithered through the morass long enough for an ID. Jingle heard an hour later as well. New. Still need <u>KBKR</u> in OR. (PT-WA)
1500	KSJX CA	San Jose - 11/17 0100		- With Asian language programming (VV?) and ID. Very fluttery and very rare after pattern change. Weird night - no <u>CKAY</u> or <u>KSTP</u> . (PT-WA)
1520	KOMA OK	Oklahoma City - 12/7 2235		- With <u>Crystal Gayle</u> singing <u>Baby, Baby</u> . (RD-AZ)
1530	KFBK CA	Sacramento - 12/7 2236		- <u>Spencer Hughes Show</u> . (RD-AZ)
1550	KMRI UT	West Valley City - 12/6 1950		- With ID and big power drop just after sign-off of <u>KUAZ</u> . About all I got was the ID before the power drop/antenna pattern change. (RD-AZ)
1560	WPAD KY	Paducah - 11/21 0722		- ID to weather report. 0731 another ID. Fair. (DZ-WI)
1560	WNWN MI	Portage - 11/21 0730		- <u>Kalamazoo's 1560 AM</u> , <u>The Touch</u> , sign-on to gospel music. Fair. (DZ-WI)
1590	WTVB MI	Coldwater - 11/29 0601		- ID to weather and local news. Poor, in a mush, but on top. (DZ-WI)
1590	KQLO NV	Sun Valley - 11/12 2300		- With scroungy, but readable, ID amid <u>SS</u> programming. Under <u>KLFE</u> and <u>KLIV</u> . New. (PT-WA)
1620	KSMH CA	Auburn - 11/8-11/10		- Poor signal, day and night, while visiting in Bay area. It is louder here in Tacoma, chomping through <u>KYLZ</u> at night than it was in SF. (PT-CA)
1640	KPBC OR	Lake Oswego - 12/10 1902		- ID over <u>KDIA</u> , with dual <u>1290/1640</u> IDs. On 12/8 at 1800, <u>KDIA</u> was on top. When they're both on 1 kW, <u>KDIA</u> usually wins. (PT-WA)
1650	WHKT VA	Portsmouth - 11/29 0645		- Ad for <u>Silas Products</u> water system for <u>Y2K</u> . (CG-LA)

WCOJ - 1420 KC

5000 Watts Fulltime

The Best Any of 'Em All in Station Programming

DDXD-East

Deadlines are December 21 (a week early because of holiday travel plans), then resuming weekly on Tuesdays from January 4.

Welcome to new member Peter Campbell from Ann Arbor! Peter sends us some impressive loggings, and we hope to be hearing lots more from him. Nice to hear as well from Bill Andres and lots of our

regular contributors. Morris Sorensen says this will be his last DDXD-East report ... nothing personal, you see - he's moving to Winnipeg and the realm of DDXD-West!

Please note the new call letters on the 690/940 Montreal stations which should be on the air in regular service by the time you read this.

1230
WCOL CBS RADIO
APLWAT

STATION NEWS

690	CINF PQ	Montreal - 12/6 1855		- FF talk with man and woman, frequent mention of Montreal, no call-letter ID, time ticks at 1900. (PC-VA)
730	WBZS VA	Alexandria - 12/6 1500		- Silent, channel was occupied by <u>WPIT-PA</u> with no competition. I called the number in the <u>Log</u> , and was told the number had been changed to (415) 434-1220. That's in California, so I gave up. (PC-VA)
940	CINW PQ	Montreal - 11/21 2151		- Testing mentioning "940 News, Montreal's first all news radio station," mentions of 50,000 watts serving Quebec, Ontario, and the northeastern United States, affiliated with CNN, also ID'ed as "The future home of <u>Metromedia's</u> <u>CKNN 940 News</u> ." (MS-ON) [But see these real calls. - DY]
960	WSBT IN	South Bend - 11/29 2203		- Calls, UC/AOR music, not <u>NWS/TLK</u> as in <u>Log</u> , <u>SID</u> . Some R. Reloj <u>QRM</u> , <u>WFIR</u> nulled. (JEK-MD) [Or <u>WSBG</u> = <u>WILT</u> , as below? - DY]
	WILT PA	Mount Pocono - 12/1 1645		- Finally, and quite randomly, my closest unheard (50 miles) atop channel on what seemed to be groundwave-grade signal at dusk. ID'ing as <u>WSBG 93.5</u> (which was itself inaudible) with the "best of the 80's and 90's." Ads and traffic for <u>Stroudsburg</u> , thudding mix of post-MTV music. Never heard here, either as <u>WPMR</u> or as the AM to the old 91.1 in Mount Pocono. A celebratory phone call to DJ <u>Matt</u> reveals that the AM is carrying 93.5 but plans to go - whoopee! - all-sports shortly. Log 'em as long as <u>WSBG</u> doesn't realize they have an AM. My dentists' drill resounds farther than this nominal "24 watts." (BA-PA)
1280	WADO NY	New York - 12/5		- A drive-by today revealed construction on the main tower has begun. It appears to be self-supporting, base insulated with about 30' of tower in place. Sections of tower lie adjacent to the concrete pilings supporting the tower. (BG-NJ)
1560	KCJK IA	Iowa City - 12/3 1642		- Apparently back on the air, with a quick "KCJK 1560" ID just before the ID on <u>KCJJ-1630</u> during the <u>Don and Mike Show</u> . (PLB-MI)

UNID AND UNID HELP

590	UNID	—		12/7 1824 - "Dateline Washington" program on Radio America network, ad for U. S. Navy, PSA's for Department of Transportation and United Negro College Fund. (WM-MD) [WVLC listed with Talk America, same thing or not? - DY]
610	UNID	—		11/30 2250 - Michael Reagan under WIP. Only <u>KGKE</u> listed in <u>Log</u> . (WM-MD) [Has to be somebody else; maybe <u>WNTW</u> , but their web site has something else listed; is it current? - DY]
660	WBSC SC	Greenville -		Might be <u>SK-PA's</u> unID C&W on 11/8; heard here in 12/1996, and en route to the folks in Florida in 1/1998, ID'ing simply as "92.5" between songs. (BA-PA)
780	UNID	—		11/29 1900 - REL program giving <u>Markam ON P. O.</u> address, <intouch.org> web address, 1906 "Grace to You" program. Eventually faded to <u>WBBM</u> , gone by 1930. <u>WWOL</u> overboard? (JEK-MD) [In Touch is Charles Stanley's program, and they do list <u>WWOL</u> on their network. - DY]
850	UNID	—		11/30 0645 - "Oldies 850" proudly serving some community straight off a satellite - during morning drive, for Pete's sake. Looped E/W of here. (BA-PA) [I think <u>Ridgefield CT</u> is the lucky town. - DY]
920	UNID	—		11/27 0300 - Classical flute music, up and down in the mix. <u>WBAA?</u> (SK-PA)
	UNID	—		11/28 2300 - ID "Real 92-5" and "Real Country," C&W. (DL-MD) [Should be <u>WYMB-SC</u> . - DY]
940	UNID	—		12/5 0700 - Poor, no Montreal tape, distinctly heard mention of " <u>Republica Dominicana</u> " in <u>SS</u> and gone. No Dominicans listed in <u>WRTH</u> , maybe a domestic <u>SS?</u> (HF-MI) [Or <u>Mexico City</u> . - DY]

- 960 UNID — 11/28 2040 - Calls sounded like WSAG 93.5 FM, C&W format. (JEK-MD) [WILT-PA is // WSBG-93.5, see above. - DY]
- 990 UNID — 11/29 0247 - Man in SS, maybe REL, no ID on hour, good signal. No SS listed on 990 except for WFBA, and I don't think it's them. (DT-ON) [More likely WNTY-CT with R. Libertad ID's. - DY]
- UNID — 11/30 2205 - Weather by woman, "You're listening to CBC Radio One." CBY-NF more likely than Winnipeg or the 40-watters. (SK-PA) [Actually, CBW is more commonly reported west of the Hudson. - DY]
- 1020 UNID — 11/30 1645 - "AM 1020 Gospel, serving Christ in ... and song." This in dusk with little sign of KDKA, which has to have the worst 50 kW U1 signal since WGY. (BA-PA)
- 1050 UNID — 12/5 0545 - ID's and promos mentioning "News Radio 10-50" and WTBU or WTDU, heard for a minute or so but strong for the period, then gone. (GM-VA) [WTKA-MI? Pattern would have to be out of whack, though. - DY]
- 1340 WBBL MI Grand Rapids - Re: JR-NY's unID in no. 10, WBBL does indeed carry Detroit Red Wings hockey. (PLB-MI)
- UNID — 11/26 2205 - Hockey game with score of 1-0, announcer mentioned the record for shutouts in the NHL. Per ESPN-2, the only game with that score is Colorado-Phoenix. KQIL-CO is on Colorado Avalanche list. (SK-PA) [My sources tell me that Phoenix won that game 7-0, but Washington beat Nashville that night by a 1-0 score. More likely that game? - DY]
- 1530 UNID — 12/1 1730 - C&W song "Cadillac Style" by Sammy Kershaw, way under WSAI. (RCP-IN)
- 1550 UNID — 12/4 1704 - Good in SS, Mexican nortena music, spot mentioned Atlanta, also "Mexico" promo. WAZX? (HF*MI) [Sounds right to me. - DY]
- 1580 UNID — 11/28 1740 - UC Oldies, "We Are You" slogan, // FM WERU calls or AM call change? (JEK-MD) [WERU is an FM'er in Maine; maybe just WSRF? - DY]



LOGGINGS

- 540 WDMV MD Pocomoke City - 12/7 1742 - Ad for appliance store in Pocomoke City. (WM-MD)
- 560 WQAM FL Miami - 11/25 1905 - Dallas vs. Miami football, "Sports Radio 560 QAM" and mention of Miami Dolphins radio network. (AA-VA)
- WHBQ TN Memphis - 11/29 1739 - ID "You're listening to the number one sports station, Prime Time WHBQ," ad for Country Squire Sports Store. Fair with lots of background noise. (RCP-IN)
- 570 WAAX AL Gadsden - 11/29 1715 - Call ID at bottom of hour, ABC news. Haven't heard this one in quite a while. (RCP-IN)
- WKYX KY Paducah - 11/29 1721 - Local news stories in a rural, laid-back manner, fair over, under WAAX. (RCP-IN)
- CKGL ON Kitchener - 12/2 1725 - ID's as "News Talk 570," traffic and weather report, talk to a tax consultant in Kitchener. No call ID, new. (HJH-PA)
- 580 WCHS WV Charleston - 12/3 2200 - High school football game, ID. (WM-MD)
- 600 WMT IA Cedar Rapids - 12/3 2309 - Poor with Iowa Hawkeyes basketball, ad for First Avenue Amoco in Cedar Rapids, in and out with CKAT. (HF*MI)
- CKAT ON North Bay - 12/3 2309 - Poor, C&W music in and out with CKAT. (HF*MI)
- 610 WDAF MO Kansas City - 12/3 2326 - Poor with "61 Country ... WDAF," man with Kansas City calendar and weather. (HF*MI)
- CKTB ON St. Catharines - 12/2 1732 - Very good over usual WIP with news headlines, traffic report with mention of Kitchener, numerous ID's, new. (HJH-PA)
- 620 WTMJ WI Milwaukee - 12/4 1156 - Good, best in LSB to avoid CFCO-630, with "Money talks on News Radio 6-20 WTMJ." (HF*MI)
- 630 WPRO RI Providence - 12/2 1751 - ID weak in CFCO fade and news. Still no sign of WEJL or normal WMAL-DC. (HJH-PA)
- CFCO ON Chatham - 12/2 1750 - Local-like signal, completely over WEJL 15 miles away, with ID as "Classic Gold 630, CFCO," promo for Santa's Mailbag and ad for Lionel's Menswear. (HJH-PA)
- 640 WMFN MI Zeeland - 12/3 1150 - Good with "Business Talk 6-40, my financial news ... West Michigan's only business news station," CBS Market Watch program, men-

- tioning a Chicago mall has hired a clarivoyant to assist shoppers with gift selections. (HF*MI) [How did you know that's what I wanted? - DY]
- 670 WRJR VA Claremont - 11/30 1651 - Tuned in at close of WRJR Community Calendar, followed by PSA with Della Reese on stroke prevention, ID "This is WRJR Rejoice Radio now leaving the air," off 1653 without SSB. New. (RCP-IN)
- 690 WJOX AL Birmingham - 12/6 1722 - Previously logged as WVOK, with "The locker room, without the smell, Sports Radio 6-90 WJOX." (PC-VA) [Now there's an appealing station promo. - DY]
- WOKV FL Jacksonville - 11/28 1745 - Poor with McDonald's Scoreboard show, "This is Jaguar Radio" and "News Talk 690 WOKV." (AA-VA)
- WTIX LA New Orleans - 12/5 0704 - Poor with call ID, possibly the with the religious program, no Montreal loop tape on. (HF*MI)
- KOAQ NE Terrytown - 12/5 0714 - Fair, no Montreal, with Dave's Diner oldies program, "Great oldies from great movies on AM 6-90 KOAQ," Great Oldies ID spot after most songs, network ads. (HF*MI)
- 730 WACE MA Chicopee - 12/4 0728 - Killing CKAC with end of "Cutting Edge" program, triple ID: "This is WROL Boston, WACE Chicopee-Springfield, and WLOB AM and FM Portland-Rumford." (MB-ON)
- WLIL NC Lenoir City - 12/2 0615-0630 - Fair and alone over CKAC with C&W music, local weather, traffic report, discussion of Tennessee's 78-59 basketball victory over Miami of Ohio, ID as "Good Country WLIL." (MB-ON)
- CKDM MB Dauphin - 12/3 2032 - Good with ID "CKDM Country," into religious program. (PC-MI)
- 740 WIRJ TN Humboldt - 12/6 0700 - Surfaced atop jumble with 70's oldies and top of hour ID as "AM 740 WIRJ Humboldt," into "Don't Rock the Boat." (MB-ON) + 12/8 0500 - Good with ID, "The music you remember, Radio 740 WIRJ Humboldt," into 70-ish rock. (PC-MI)
- WRPQ WI Baraboo - 12/5 0840 - Very good with "Repent and Believe" religious program giving Baraboo address, new religious program 0843 with the Concordia Seminary Chorus, local religious service after the top of the hour. Just before 0900 a het suddenly developed with 743 kHz! (HF*MI)
- 760 WLCC FL Brandon - 11/24 1650 - Ads in SS for Tylene and Robitussin, ID in EE "WLCC Brandon-Tampa," very strong. (RJ-NC)
- 790 WSKO RI Providence - 12/3 1915 - Miami Heat vs. Boston Celtics basketball, ID at 1925 as "WEEI Celtics Radio." (WM-MD)
- CIGM ON Sudbury - 12/3 2340 - Poor, "Always delivering hot new country, 7-90 CIGM," mixing with possible WSGW and NY station. (HF*MI)
- 800 CJAD PQ Montreal - 11/26 1611 - In strong fadeup, "You're listening to The World Today on CJAD 800. My name is Carmen." (SK-PA)
- 830 WCCO MN Minneapolis - 11/29 1856 - Good with ads, traffic report, calls. Impossible to hear on the Drake with the LW, but WEEU couldn't be heard on the Superadio III! (JEK-MD)
- WKTJ OH Cortland - 12/4 1749 - Fair, sign-off announcements, anthem, and off 1750 leaving WEEU. (HF*MI)
- WEEU PA Reading - 12/4 1750 - Poor with "8-30 AM WEEU" ID, high school basketball tournament at Wilson High School. (HF*MI)
- 840 KTIC NE West Point - 12/4 1755 - Presumed the one poorly with Nebraska football / / KRVN-880, under WHAS. (HF*MI)
- 850 WYLF NY Penn Yan - 11/30 0705 - Lengthy local newscast eventually rose above the sunrise skip to stay, stories from Montour Falls, Waterloo, Seneca County, Route 14, etc. Perhaps it was they with NOS music before 0700. (BA-PA)
- WTAR VA Norfolk - 11/30 0648 - 11/30 0648 - Traffic report with mentions of I-64, Chesapeake Boulevard, and "the beach" (the beach? Now?). Might've been the one carrying Imus as well. (BA-PA)
- 860 WACB NC Taylorsville - 12/2 1814 - Weak to fair with CJBC nulled, ad for May's Tire Store and mention of Taylorsville. No calls heard. (HJH-PA)
- 880 KRVN NE Lexington - 12/4 1729 - Poor with Nebraska in Big 12 conference championship football game, ID, in and out with WCBS. (HF*MI)
- CKLQ MB Brandon - 12/3 2048 - Good in WCBS null with Brandon-Moose Jaw hockey game. (PC-MI)



- + 12/4 0723 - Poor, man with weather and ID, mixing with WRFD and WCB; presume they're the ones running C&W. (HF*MI)
- 890 **WBPS MA** **Dedham** - 11/29 1846 - Ad block in SS, calls in EE 1849. Excellent on the LW; next to nothing but WLS on the SR III. (JEK-MD)
- WKNV VA** **Fairlawn** - 12/6 0747 - Fair in WLS null with ID as "890 AM, WKNV Fairlawn," into C&W music. (MB-ON)
- 900 **WJLG GA** **Savannah** - 11/28 2127 - Good with "The Light" slogan, Census 2000 PSA, "12 Days of Christmas" promo, logged before as WEAS on test years ago. (JEK-MD)
- 910 **WYLI OH** **Marietta** - 12/6 0752 - Poor in jumble with promo for Steelers football "only on WYLI, mid-Ohio's sports voice." (MB-ON)
- 920 **WKRT NY** **Cortland** - 11/27 2018 - OLD pop music, ID "WKRT Oldies Radio," poor. (DT-ON)
- WHJJ RI** **Providence** - 11/26 2305 - Good with calls twice, Jim Bohannon program. (JEK-MD)
- CKNX ON** **Wingham** - 11/29 1840 - Strong and alone, calls, weather, and C&W. This on the SR III; about even to under CJCH on the Drake & LW. CKNX gone at 1845 pattern change. (JEK-MD)
- + 12/2 1740 - Listing of Christmas-related area events, "Country calendar," ID. (WM-MD)
- 930 **WDLX NC** **Washington** - 11/26 0700 - Ad for furniture store in downtown Washington, quite weak. (RJ-NC)
- WRVC WV** **Huntington** - 12/3 2100 - Good with Marshall-Western Michigan football game, ID as "WRVC Thundering Herd ISP Radio Network." (PC-MI)
- 940 **WMAC GA** **Macon** - 11/30 1730 - "Your talk and information station," weather, TC, Georgia News Network. (WM-MD)
- + 12/1 0716 - "Your news and information station," Rush Limbaugh promo, ad string with Toys for Tots, etc. A very fluttery signal. (RCP-IN)
- 950 **WQBE WV** **Charleston** - 12/2 1815 - Fair over nothing in particular with "WQBE Country 95" ID, local weather, C&W songs. (MB-ON)
- 960 **WRNS NC** **Kinston** - 11/29 1820 - Calls, local ads, "in downtown Kinston," mixing with unID C&W, no sign of usual WFIR. Music was mid-late 60's OLD, not C&W as per Log. Also at 11/30 1751 with WRNS-FM calls, local weather, C&W music tonight. First heard as WFTC. (JEK-MD)
- 970 **WDAY ND** **Fargo** - 12/8 2208 - With North Dakota State University basketball. (PC-MI)
- 980 **WKLY GA** **Hartwell** - 11/29 2206 - Calls, promo for Friday night northeastern Georgia high school football talk program, into talk about Georgia Tech football, not C&W. A surprise, new, not even on my hit (target) list. (JEK-MD)
- 990 **WNTY CT** **Southington** - 11/29 2000 - Overboard again, SS programs, music, SID in EE but didn't give city of license on the hour. Gone by 2045, leaving WZZD (Temple Owls basketball) and CKGM (oldies) to fight it out on the channel. If WNTY didn't have local ads and EE ID's, you'd think you were hearing YVRT or YVTA with all the mentions of Venezuela in the SS music. (JEK-MD)
- WNRV VA** **Narrows** - 11/24 1822 - "Southern Gospel 3WR" slogan, // 910 Roanoke. Vinton, Salem mentions, Family Christian Stores ad. Not // FM (when heard) per new Log. (JEK-MD)
- + 11/30 1705 - C&W ("Been There, Done That"), and many reminders that it was "26 degrees in Roanoke," enthusiastic girl DJ. I called them to determine how they can be 990 in Roanoke with 960 sharing a virtual common wall, and was told I was getting the 990 Narrows signal // 910. I was also told that the girl on the air was a guy whose voice hadn't changed yet. If it was a gag, it was a good zinger. (BA-PA)
- 1000 **KTOK OK** **Oklahoma City** - 11/30 1753 - Slogan "News Radio 1000 KTOK," ad for Tulsa Farm Show at the Expo Center in Tulsa, into stockyard reports. Faded up briefly over WMVP. (RCP-IN)
- 1030 **WWGB MD** **Indian Head** - 12/1 1623 - Ad for the Hobo Sports Store followed by slogan "The Power of the Gospel, WWGB," female gave temperature as 36 degrees at "WWGB, the Word." Very impressive signal, way over WBZ. (RCP-IN)
- WUFL MI** **Sterling Heights** - 12/7 0700 - Loud with sign-on over WBZ, others, said "licensed by the FCC to operate from sunrise to sunset," in which case they were on an hour early! (PLB-MI) [Maybe they get to use Boston sunrise. - DY]

AM 1400
wdws

- 1050 **WADC WV** **Parkersburg** - 11/30 1650 - Adult standards, "AM 1050" ID's, "Winter Wonderland," with an enfeebled WEVD harumphing under it. (BA-PA)
- 1070 **CBA NB** **Moncton** - 12/7 1710 - Canadian news, mention of farmers in Ontario, CBC Radio News. Mixing with SS music. (WM-MD)
- 1090 **WNVY FL** **Cantonment** - 12/1 2228 - GOS/jazz music, ID as Cantonment-Pensacola, fair equal, under WBAL, again 12/2 2130+. Overboard? Log says D1. Ex-WKGT, new. (JEK-MD)
- WBAL MD** **Baltimore** - 12/4 2245 - Poor with "Radio 11 WBAL" and call-in program, in and out with others. (HF*MI)
- 1110 **KFAB NE** **Omaha** - 12/3 1751 - Wiping out WBT with sports report, promo for Nebraska Cornhuskers football, ID "News-Talk 1110 KFAB." Heard infrequently at sunrise and sunset, but kinda knew they would be coming in after getting good copy on KSOO-1140. (MB-ON)
- 1140 **WCJW NY** **Warsaw** - 11/30 0705 - End of USA News, "News Watch 1140 with Mike Colmes," USA Sports, ID 0717 "1140 CJ Country," mostly under WRVA. (SK-PA)
- KSOO SD** **Sioux Falls** - 12/3 1740 - Fair in WRVA null with "Free-for-All Friday" talk show, phone number 238-KSOO. (MB-ON)
- 1170 **KJOC IA** **Davenport** - 12/2 2108 - Monday Night NFL football, ID "All sports K-Jock, KJOC 1170." (PC-MI)
- WCLN NC** **Clinton** - 11/29 1706 - Canned ID "Clinton's good time oldies on 1170," over WWVA. (SK-PA)
- 1180 **KOIL NE** **Belleveue** - 11/29 1720 - Presumed with Radio Disney under WHAM, NE #4 and third one this year. (SK-PA)
- 1190 **WBIS MD** **Annapolis** - 11/30 0722 - "Business Radio," ex-WANN, with dividends and traffic. They used to sound real neat as "Bay Country" C&W here, nice signal. (BA-PA)
- WLIB NY** **New York** - 11/28 2105 - Caribbean calypso music, Caribbean-accented announcer, only one call letter mention, poor over and under WOWO. (DT-ON)
- 1200 **KFNW ND** **West Fargo** - 11/30 1715 - Religious song "Let There Be Light," news highlights at 1718, then more religious songs mentioning upcoming news with Max (?) on KFNW. Good signal to 1725 power cut. (RCP-IN)
- 1240 **WEBJ AL** **Brewton** - 11/25 1840 - Canned(?) ID "WEBJ AM 1240," after "Green Onions." (SK-PA) [Or maybe WGVA? Phonetically similar, also listed as OLD, and much closer. - DY]
- WIOV PA** **Reading** - 11/25 1525 - Canned ID "ESPN 24 hours a gay on Sports Radio 1240 WIOV," so recent format change. Very good signal with WYGL off the air. They sounded weaker than usual earlier today. (SK-PA)
- 1250 **WEAE PA** **Pittsburgh** - 12/4 1801 - Good with Penn State basketball, many Penn State University spots, "Penn State Sports Network," ads for KB Offset Printing, Nittany Lion Inn, WTAE-TV. (HF*MI)
- 1260 **WGVM MS** **Greenville** - 11/30 1620 - ID "AM 1260 WGVM" shot up in the mix. (SK-PA)
- WNXT OH** **Portsmouth** - 12/2 2311 - ID "Classic Country, 12-60 WNXT," George Jones. (PC-VA)
- 1270 **WXYT MI** **Detroit** - 12/2 2303 - With "The WXYT Home Improvement Show." (PC-VA)
- 1280 **WGBF IN** **Evansville** - 12/4 1824 - Good with "AM 12-80 WGBF News-Talk 1280," University of Indiana post-game basketball program, whipped Kentucky (unfortunately!) (HF*MI)
- WYVE VA** **Wytheville** - 12/2 2203 - One out of many on this channel with ID "12-80 AM WYVE." (PC-VA)
- 1290 **KKAR NE** **Omaha** - 11/28 2108 - Poor with mention of Omaha, "K-car" ID's as per Log. New. (MB-IN)
- + 12/4 1834 - Good with "Husker Radio 12-90, K-Kar," Nebraska football spot, ad for Omaha's Midwest Express Airline, ? Mall millenium celebration, "Husk-ers' Wrapup" program. (HF*MI)
- WKNE NH** **Keene** - 12/2 1833 - "... on WKNE" surfaced briefly in early evening babble, quite a surprise! (PC-VA)
- 1310 **WADB NJ** **Asbury Park** - 11/25 1806 - Fair with calls, PSA for Christmas tree sale at St. Paul's Church, well over WSSJ. Seldom heard. (JEK-MD)
- 1320 **WVGM VA** **Lynchburg** - 12/3 2018 - With Roanoke ECHL hockey, ID as "The Game." (PC-MI)

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104.1 FM • MEMPHIS, TN • 90.1 FM • MEMPHIS, TN

- 1340 **WTRC** IN **Elkhart** - 11/26 2133 - Weather "from your weather station, WTRC. Here's a look at Top 25 college football," then lost. (SK-PA)
- WRWA** PA **Reading** - 11/25 1523 - Ad for Old Town Super Store in Kutztown, canned ID "WRWA 1340 AM." Steady, getting pelted with flutter, only second time heard. (SK-PA)
- 1350 **WRNY** NY **Rome** - 12/1 2039 - Presumed with Miami vs. New York NBA basketball play-by-play, poor. (DT-ON) [More likely WHWH-NJ, but I don't have a Knicks basketball list. - DY]
- 1360 **WMNS** NY **Olean** - 12/1 0635 - Local news(?), mention of parade float "owned by the city of Olean." The CBS news brief. (SK-PA)
- WWOW** OH **Conneaut** - 12/1 0640 - Ad for White Floors at 189 Main Street in Conneaut, C&W. Good opening into northwest PA, southwest NY, northeast OH area this morning. (SK-PA)
- 1370 **WBTV** VT **Bennington** - 12/2 1920 - OLD pop, ID as "1370 WBTV," a surprise. (DT-ON)
- 1380 **WTJK** IL **South Beloit** - 12/2 1939 - Sports talk show, promo for SASA "on WTJK," poor with QRM, another surprise. (DT-ON)
- 1390 **WGCI** IL **Chicago** - 12/4 2220 - Very good with "Gospel Radio 13-90," spot for a Chicago Gospel Sing, ads for Bethlehem Christian Bookstore, Elmhurst Kia, Washington Coach Line, Victor's Valet dry cleaning, Sound of Authority, Lonnie Hunter and John Hannah gospel DJ's. (HF*MI)
- WRIV** NY **Riverhead** - 12/2 1809 - Fair, several call ID's, end of sports program, NOS music. Very rare here. (JEK-MD)
- WJRM** NC **Troy** - 11/30 1705 - ID "Solid gospel 100.9 WABZ, playing the Piedmont's ... music," no AM ID, into Southern-style preaching. Local WINC-1400 nulled. (PC-VA)
- WRSC** PA **State College** - 11/30 1653 - ID "Radio WRSC State College" through pre-sunset mixture of signals, local WINC-1400 nulled. (PC-VA)
- 1400 **WHMP** MA **Northampton** - 12/2 2130 - Up briefly with ID, weather report. (HJH-PA)
- 1410 **WDOV** DE **Dover** - 12/1 1700 - "This is Delaware's number one for news and talk, News Radio 14-10 WDOV Dover," over and under KQV, with local WINC-1400 nulled. (PC-VA)
- 1420 **WEMB** TN **Erwin** - 11/30 1650 - Good with calls, ESPN and sports promo, "swap shop" type program, Key Central appliance store ad, some WKCW QRM. (JEK-MD)
- 1430 **WNSW** NJ **Newark** - 11/29 2145 - Weather, ID, NOS music. (WM-MD)
+ 12/2 0035 - NOS with Olivia Newton-John, lots of competition. Previously logged as WNJR. (PC-VA)
- 1440 **WJLL** NY **Niagara Falls** - 12/4 1737 - Fair with Christmas polka music, spot for Sports Talk with Sport Wilson. (HF*MI)
- 1450 **WOL** DC **Washington** - 12/5 0645 - Heard WOL call letters twice, periodic UC rap lingo. First station ever logged on 1450 due to migraine producer WLXN-1440. (RJ-NC)
- WHDL** NY **Olean** - 11/28 1200 - Canned ID, then ABC news, 5 stations mixing with local WPAM running OC from at least 1020 to 1203 return. (SK-PA)
- WYFY** NY **Rome** - 11/28 1105 - ID by male with similar voice to the guy who does Art Bell's announcements, mellow religious music. (SK-PA)
- 1460 **WIFI** NJ **Florence** - 11/29 1722 - Calls with jazz-type Christmas music. Only heard twice before, once by trying for a test by WEMR, a station still unheard. (JEK-MD)
- 1470 **WWBG** NC **Greensboro** - 11/28 1050 - CNN Headline News (// CNN on cable TV), promo for Mike Gallagher Show "on Greensboro's big radio station, 1470 WWBG." (RJ-NC)
- WPNC** NC **Plymouth** - 12/6 0624 - "Good morning, this is AM 14-70 WPNC, it's 19 after the hour." They need a new clock, and they also should have been on 61 watts night power. (PC-VA)
- WKAP** PA **Allentown** - 12/5 1747 - With ID as "Music and memories, AM 14-70 WKAP." (PC-VA)
- WBTV** VA **Broadway** - 12/5 1649 - Sign-off announcement: "14-70 WBTV Broadway-Timberville-Harrisonburg now completes



another broadcast day. . . owned by Massanutten Broadcasting, Inc., and is at 14-70 kHz on your AM radio dial. We sign off at this time because of Federal restrictions on nighttime for our radio station. We return at 6:00 a.m. . . we invite you to tune to our sister . . . 96.1 FM, WTLK." (PC-VA)

- 1500 **WGHT** NJ **Pompton Lakes** - 12/1 1628 - Gnashing at WTOF with traffic for the Garden State Parkway and Route 3, clear 1630 ID and mention of web site. Quite high pressure vis-à-vis the brand-new WKER I once visited on the hook from school in 1964. Thanks Bruce Conti's 9/12 logging for filling in some blanks. (BA-PA)
- 1510 **WNRB** MA **Boston** - 11/30 0622 - Boston local weather, mention of "NRB," One on One Sports, competing with WLAC. (PC-VA)
- 1550 **WBSC** SC **Bennettsville** - 12/1 2110 - Morris Funeral Home ad, local sponsor of obituary program, mentions of Bennettsville and Marlboro County. Lost to WDZK/Disney. (JEK-MD)
- 1570 **WFUR** MI **Grand Rapids** - 12/3 1650 - Fair with religious music to 1700, Tony Chase with road report and ID, USA Network News. (HF*MI)
- WISP** PA **Doylestown** - 11/30 0745 - Pre-taped local REL show, ex-WBUX. Generally looped co-linearly with WPGM, two counties north of here, which is also REL. I guess the new calls are close enough. I understand the NRC publishes a Log book? (BA-PA) [Indeed it does, and no DX'er will want to be without one! - DY]
- 1580 **WKKD** IL **Aurora** - 12/4 0014 - Fair with CNN Headline News, ID "WKKD Aurora" at 0030. (HF*MI)
- KNIM** MO **Maryville** - 12/3 1740 - Poor with "KNIM All Oldies Radio," up and gone at ID, much QRM. (HF*MI)
- WANB** PA **Waynesburg** - 12/3 1705 - Tentative, C&W music, "We have all the legends of country, we're WA-B," much QRM, poor. (HF*MI)
- 1620 **KAZP** NE **Bellevue** - 12/5 0906 - Good with "Omaha's ESPN Radio," // KDNZ-1650. (HF*MI)
- 1630 **KCJJ** IA **Iowa City** - 11/28 1805 - Fair with music, "From Des Moines to Davenport and beyond, the new 1630 KCJJ," and "1630 KCJJ Iowa City, Coralville, and Cedar Rapids," mentions of stereo. (AA-VA)
- 1650 **KDNZ** IA **Cedar Falls** - 12/2 0659 - With "Your expanding information station, KCNV" (not KCNZ), and at 0700: "It's 6:00, the Talk Station, KDNZ Cedar Falls and Waterloo." (PC-VA)
- 1690 **KDDZ** CO **Arvada** - 12/3 0716 - Presumed poor under WMDM with Radio Disney ID's only, usual disgustingly perky stuff. (HF*MI)
- 1700 **WAFN** FL **Miami Springs** - 12/3 0005 - "Let's talk to Julie in Miami Springs," talk. (DL-MD)

WGIR AM 610

TIS AND MISCELLANEOUS

- 530 **WNQN649** CT **Hartford** - 12/6 Midafternoon, 12/7 Noonish - With traffic info for the Hartford area, noted as far west as Exit 34 [on I-84, that's the New Britain-Bristol area - DY] (Hartford downtown is exits 48-50). (RJE*CT)
- KIIN707** NJ **Elmwood Park** - 12/7 Midafternoon - Heard all the way from NY Thruway interchange 15 to I-287/I-80 in Parsippany NJ, frequently overlapping the others. (RJE*NJ)
- KNNS693** NJ **New Brunswick** - 12/7 Midafternoon - Rutgers University station, heard along I-287 from about Bernardsville to Bridgewater. (RJE*NJ)
- WNPX698** NJ **Roseland** - 12/7 Midafternoon - Heard all the way from Ringwood/Oakland NJ to Bernardsville along I-287. (RJE*NJ)
- UNID** NJ **Unknown** - 12/7 Midafternoon - A third station with similar message. This could be located near Allamuchy on I-80, as a station there was mentioned on the Roseland transmitter, but not strong enough for an ID. Heard on I-287 between Parsippany and Morristown; nothing else listed by FCC for New Jersey Highway Authority other than KIIN707 and WNPX698. (RJE*NJ)
- WNYG610** NY **Sever** - 12/7 Midafternoon - At least four distinct transmitters here - (1) near I-287/I-684 interchange, (2) near eastern end of the Tappan Zee Bridge, (3) near, likely east of, the Palisades Interstate Parkway interchange, (4) near Interchange 15. The synchronization of tape loops on these seems pretty good, probably a single source feed. (RJE*NY)

- 920 WPDE847 MI Romulus - 12/4 1135 - "Detroit Metro ... Wayne Country travel and information station," man with international flight info and woman with Detroit Metro airport info, no call ID heard. (HF*MI)
- 1610 WPNT550 NJ Watchung Boro - 12/7 Midafternoon - Seemed to be announcing calls sounding like "WUSE" or "WUFE" or "WESE," and announcing a "Name the station" contest. Not real strong at the distance, with WWRL-1600 splash. Heard from about Bernardsville to Bridgewater along I-287. (RJE*NJ)
- 1630 WPEW741MD Baltimore - 12/3 0135 - ID's as "This is Maryland Highway Travelers Advisory Station WPEW741 . . ." (DL-MD)
- WPEW741MD West Friendship - 11/28 1220 - Maryland DOT HAR, good with no usual WNVY510 Frederick, MD. Both ex-530. (JEK-MD)
- 1640 TIS NY Rockland County - 12/7 Midafternoon - At least 3 separate transmitters along the stretch of the NY State Thruway between the Tappan Zee Bridge and the cutoff for I-287 into NJ, each running the same loop of messages for something like "Rockland County Residents' Information Radio." No ID's given, and nothing listed in the FCC web site (last "quarterly" update 7/99) except one licensed to the State of New York [WPLT-248]. (RJE*NY)

WGRAM550
WRLT 96.9fm

REPORTERS

BA-PA	Bill Andres	Frackville - SR II, hot chocolate & Bailey's
AA-VA	Albert Arnold	Chesterfield - R8, Kiwa loop, others
PLB-MI	Phil Boersma	Spring Lake - Realistic 14-795
MB-ON	Mike Brooker	Toronto - RF2200, RFB45
MB-IN	Mark Burns	Terre Haute - R8, 80' RW, Kiwa loop
PC-MI	Peter Campbell	Ann Arbor - Optimus 12-603A, RS antenna
PC-VA	Perry Crabill	Winchester - R8, Kiwa loop, 100' RW
RJE*xx	Russ Edmunds	On a road trip to Hartford CT - Car radio
HF-MI	Harold Frodge	Midland - R71A, 85'/170' RW's
HF*MI		DX'pedition at Brighton - R71A, 500' RW's, 100' spiral loop, 65' TTFDFV (that's a Tilted-Terminated, Folded Dipole, Frodge Variant, if you were wondering!)
BG-NJ	Bob Galerstein	Maywood - Local news
HJH-PA	Harry Hayes	Wilkes-Barre - TransOceanic, Kiwa pocket loop
RJ-NC	Russ Johnson	Lexington - DX-375, DX-398, Sony 2010, LW's, 160-m inverted V
SK-PA	Steve Kennedy	Coal Township - Superadio III
DL-MD	Dave Larrabee	Columbia - R8500, LW's
WM-MD	William McGuire	Cheverly - DX380
GM-VA	Greg Myers	Richmond -
RCP-IN	Robert Pote	Greenwood - R8A, Quantum loop
MS-ON	Morris Sorensen	Scarborough - DX-440
DT-ON	Don Trelford	Scarborough - YB305

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 NFL:National Football League NBA:National Basketball Association NHL:National Hockey League NPR:National Public Radio OC:open carrier PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference (power lines, etc) QRN:natural interference (lightning, etc) 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

What a Time-saver - the
County Cross
Reference

A complete list of counties, parishes, and similar political divisions in the U. S. and Canada. Two lists are included: alpha by county, and by state. Compiled by Bill Hale and designed and produced by Wayne and Joan Helnen. \$6.50 for members, \$9.95, non-member. Order item CCR from the NRC Publications center, NJ residents, please include sales tax.

International DX Digest

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Rochester, NY 14607-3832

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

PLEASE NOTE my new e-mail address: <renfrew@localnet.com>. The old address is no longer working. Some of my local correspondents have reported that their mail to my new address has bounced back as "undeliverable". If this has happened to you, please drop a card in the mail so I can do the necessary trouble-shooting.

Please do not send attachments to text files when reporting via e-mail. The computer that I use for e-mail belongs to the credit union that my wife manages, and I must be very cautious about opening attachments that could "infect" her system.

If you are passing along tips and items from other sources, please be sure that full credit is given to original reporters and sources, as well as all intermediary publications. This is necessary for all print and e-mail submissions.

Items appearing in IDXD may be reprinted in other publications provided that the original reporter and/or source publications are credited, and that the issue number or date is noted. I have observed that some items that appear in IDXD, thanks to the diligence of our reporters, are simply credited as "NRC" in other publications. Please be sure to cite the original reporter as a basic courtesy at all times.

Mucho apologies to Morris Sorensen, whose report from last month was found in a stack of old mail. We've got it all this week: interesting splits and barking dogs. Arf-arf!

Jim

TRANS-ATLANTIC DX

- 162 FRANCE RFI Allouis, DEC 3 0701 - News/commentary in FF, male and female announcers. [Stromsted-MA]
- 189 ICELAND Rikisutvarpid Gufuskalar, DEC 3 0615 - Telephone interview with two men in Icelandic; 0637 EE music "Way Down South", "He can play the Honky Tonk Like Anything", "What they call Rock and Roll", Beatles-"I'll Get you anything money cant buy"; 0645 "Money Love", followed by Weather Report for Iceland by Icelandic man; loud and clear. [Stromsted-MA]
- 684 SPAIN RNE, DEC 11 0310 - finally! the first TA of the season, talk with sound effects, but nothing noted on any other frequencies. [Renfrew-NY]

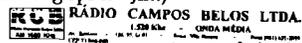
PAN-AMERICAN DX

- 530 UNID, DEC 6 0345 - SS male and plaintive LA music in RCVI null & mixing with unid TIS. Looped Costa Rica-ish. Haven't DXed in a while, is Rumbo still on? [Thomas-FL]
- 555 ST. KITTS ZIZ Basseterre - noted in passing at fair level but with poor audio. [Thomas-FL]
- 564.5t PERU, Lima, NOV 19 2245 - Just a weak carrier looped tightly at about 165 degrees, no chance for audio. Had a "distant" character to the carrier (i.e., very tight DF peak, short presence). This at 2245, grayline to Peru open at this time. R. Oriente heard about here once in the past. [Thomas-FL]
- 740 CUBA R. Progreso, OCT 23 0301-0320 - good with usual mix of Cuban dance music, pop ballads, and SS US Top 40 covers. Announcements by male and female between selections, and also some voice overs. [Sorensen-ON]
- 750 VENEZUELA YVKS R. Caracas, OCT 23 0156 - good obliterating WSB with SS talk by man, mentions of Venezuela, ID at 0158 as "Radio Caracas Radio". [Sorensen-ON]
- 800 NETHERLANDS ANTILLES PJB Bonaire, OCT 23 0059 - good over weak CKLW/CJBQ with "Radio Transmundial" ID by man, mention of an address in Florida, then another ID as "Radio Transmundial, desde Bonaire ..." into SS language religious program. [Sorensen-ON]
- 890 CUBA CMDZ R. Progreso, Santiago de Cuba, OCT 23 0320-0328 - fair to good, parallel 740 with Cuban dance music format as described in 740 logging above. [Sorensen-ON]
- 900 CUBA R. Progreso, OCT 24 0158 - fair in CHML null with usual Progreso dance music // 890 which was booming in at the time. [Sorensen-ON]
- 965 UNID, NOV 5 0030 - Fair carrier, intermittent SS male. No ID but looped Ecuador (but WRTH says HCOT1 is inactive...dunno). [Thomas-FL]
- 1000 VENEZUELA YVOA San Cristobal, DEC 6 0212 - fair/good with Colombian. R. Tachira ID and many ments of San Cristobal. Upbeat, "happy" LA music. [Thomas-FL]
- 1050 MEXICO XEQOO Cancun, NOV 19 0120 - Super loud with frequent ID as R. Pirata. [Tho-

- mas-FL]
 1060 MEXICO XEEP Mexico City, DEC 6 0218 - R. Educación poor/fair with soft-spoken SS male and lite LA music (not ranchera). [Thomas-FL]
 1135.04 UNID, DEC 5 0312-0408 - don't know who this is, but certainly Central American, possibly a Honduran. Tune-in to hyperventilating SS male preacher with scratchy voice (mentions of "palabra" etc., and at 0327 mentioned "...Guatemala y Honduras..."), then at 0328 into bouncy XE-ish male vocal, male announcer briefly 0333 and pretty much continued with norteña/ranchera-like vocals, those being definitely not Christian-based. At 0357 follow-up there was a very non-XE male ballad concluding, then male announcer with likely ID and station promo (uncopiable due to poor signal), into another XE-ish vocal. So, the format is somewhat confusing. Signal consistent for Central America here (few big fades). However, a weak signal overall and really tough to copy due to domestics and Latins on 1130 and 1140, coupled with the sporadic 1140 buzzer from Cuba. Anyone else besides one person in FL (me) and one person in CO (Wilkins) hearing this? DEC 6 1052-1058 - not on at 1020 check, but here at this time. Very poor with SS male inspirational talk over Kenny G-like instrumental music. Almost useless copy this timeframe. [Krueger-FL]
 1466-1467v UNID - Chased this one for a couple of weeks before it disappeared. Looped Hispanola/Puerto Rico noted on frequencies from 1466.1 to 1467.3. Upbeat LA music and muffled SS male and intermittently audible from about 2330-0400 with occasional het with 1467 (France) and station on 1468.1. [Thomas-FL]
 1468.1t VENEZUELA Valencia - Pretty sure this is the one contributing to the confusion on 1466-1468. Looped a couple of degrees S of unid on 1466-1467. Many ments of "Latina Radio," Valencia, and other nearby cities. Audible nightly from 0030 on; still here DEC 6. Programming varies through the night from SS male monologues to moderate (not raucous) LA music. [Thomas-FL]
 1540 BAHAMAS ZNS-1, Nassau, New Providence, DEC 6 1108-1140 - co-channel R Sagua at times. Initially thought it was KXEL, as carrying a US preacher. But at 1114, canned group singing "Wake up in the morning, Zed Nes One Radio Bahamas" jingle, then male dj referenced the gospel program, and into "Good Morning Bahamas" show with telco weather report, watered-down calypso and reggae, "1540 the National Voice" live slogan used too. [Krueger-FL]
 1540 CUBA R Sagua, Sagua la Grande, Villa Clara, DEC 6 1108-1140 - SS man, then brief "Hoy en la historia" script at 1109, rundown on a baseball game in Sagua last night, then news and events, mostly for Sagua and Villa Clara. One clear ID near tune-out. Strong at times, but also battling ZNS-1. Used to run 6 a.m. to midnight local, though haven't confirmed the sked in a long time. [Krueger-FL]
 1544 UNID. Fair carrier but couldn't dig out any intelligible audio ... heard bells, barking dogs, and unreadable SS male. Seemed to be looped CAM but grayline still a little east at 2240 on NOV 18. Dunno. [Thomas-FL]
 1560 CUBA R Enciclopedia, Ciego de Avila, Camaguey DEC 6 1058-1100 - EZL instrumental music with SS woman chatter atop, parallel 1140. Reception lasted only a minute before WRHC sign-on (beginning 1059 with male canned ID followed by SS ID and SS inspirational message to "Florida y la isla de Cuba"). Enciclopedia was on frequency, but rather muddy and low modulation, though WRHC's carrier may have had some effect. [Krueger-FL]
 1597.5 UNID - Another barking dog mystery. Similar uncertain bearing as 1544 and hrd almost daily briefly at SSS. Noted with SS female singing 2235, 12/6. (I seem to recall that barking dogs were indicative of a particular network/country but my old brain and misplaced logs of the past have let me down.) [Thomas-FL]
 1610 ANGUILLA, NOV 6 0330 - Un-nullable multiple stations here. Several TIS mixing with the gospel singing. Fair signal. [Thomas-FL]

Gerry speaks: "UNID LA Carriers I'm chasing include 546.4, 576, 627.5, 765, 1058, and 1101.3 (Mark's 1100.8?). The barking dog marker has jogged my memory. I remember "chasing the barking dog" years ago but I don't remember what I came up with (if anything). Any ideas? TA stns are sparse around here except at SSS when France (1467) makes an appearance and stations occasionally on 1602 and once on 567 (both UNIDed). Sorry for all the UNIDs but maybe someone can help." (welcome back to IDX, Gerry; I hope someone has some ideas on these interesting splits - Jim)

CORRECTIONS



The report on Turks and Caicos mediumwave operations in DX News 67-10 did not give proper attribution. The item should have been printed as follows: "530 Radio Visión Cristiana still on the air from South Caicos. I have visited the transmitting site. It is located at an old Coast Guard Loran

station. The place once housed the Atlantic Beacon. The power is 50,000 watts using a Nautel transmitter and a 540 foot stick. Non-directional. Super 1020 is off the air for good. It used an old GE transmitter circa 1961 - a real junker. It's been off for two years. [Saul Nowich, Bridgeport CT via Glenn Hauser, via HCDX in ARC NOV 15]"

CONTRIBUTORS

- @Terry L. Krueger, Clearwater FL. <tocobagadx@earthlink.net>
 @Jim Renfrew, Rochester NY; Drake R8, Radio West Loop. <renfrew@localnet.com>
 Morris Sorensen, Scarborough ON; Drake R8 with McKay Dymek DA9 loop on Grundig YB-400 "bare-foot".
 @Erik Stromstedt W1ZBT, Pepperell MA; Yaesu 1000MP, 1000' Beverage aimed NNE, terminated at 20' high, Palomar Preselector. <microadv@net1plus.com>
 @Gerry Thomas, Pensacola FL; R8, Quantum Loop, Quantum Phaser <radioplus@pcola.gulf.net>

"R-R-R-RADIO RELOJ... ONCE TREINTA SEIS MINUTOS..."

Whenever someone receives a reply from an "official" contact in places such as Cuba, we should be grateful. I think back to Mrs. Stepanova's QSL's from Radio Moscow, the Radio Peking QSL's (and big packages of cool Mao gear), and the rather rare responses from P'yongyang. So, regarding Sr. Osvaldo Rodriguez' (a staffer at Radio Relej) reply to the [unfortunately] uncredited contributor in ARC's Nov., 1999 "Conexion Digital #24" (via National Radio Club IDX column, Vol. 67, No. 27), I can only add what he didn't mention—and say that a few of the "unknown" sites and entries on my list now have at least tentative locations to link to with the frequencies—for which I am grateful.

The below is a comparison, matched to my working medium wave/FM list. Sr. Osvaldo states that his information is a complete list of all Radio Relej stations in Cuba. Indeed, it appears quite accurate from my observations. However, I have included the entries he did not reference, that I am aware of. The first city following the frequency is what Sr. Osvaldo states, the second *** (separated by the characters //)*** is what I list (and the source, where applicable). All frequencies (except where specifically stated) have at some point been observed here. Also, if no province is listed after the city, this means it's the city of the same name as the province. Finally, I have ***not*** included any confirmed or very likely overnight Relej relays, which in most cases are non-dedicated Relej transmitters. Enjoy:

- | | | |
|------|---|-----------|
| 570 | Santa Clara, Villa Clara // unknown, confirmed present by my observations | |
| 610 | Trinidad, Sancti Spiritus // same site per WRTH97 | RADIO |
| 630 | (not on his list, first heard 11/98 by myself, unknown location) | FM 104.2 |
| 670 | (not on his list, first heard 6/99 by myself, unknown location) | 88.88 YKS |
| 760 | Caney de las Mercedes, Granma // Guanabacoa, Habana per WRTH97 | Classic |
| 780 | (not on his list, Las Mercedes, Granma per WRTH97 but unheard of late here) | |
| 790 | Pinar del Rio, Pinar del Rio // same site per WRTH97 | |
| 820 | (not on his list, Contramaestra, Granma per WRTH97) | |
| 830 | Hulguin (presumed typo for Holguin) // unknown, confirmed present by my observations | |
| 850 | Nueva Gerona, Isla de la Juventud // unknown, confirmed present by my observations | |
| 860 | Baracoa, Guantanamo // never observed here, thus would be a new entry on my list | |
| 870 | Sancti Spiritus, Sancti Spiritus // unknown, confirmed present by my monitoring | |
| 910 | Bolondron, Matanzas // same site per WRTH97 | |
| 930 | La Jaiba, Matanzas; Cienfuegos; Ciego de Avila; Santiago de Cuba // Cardenas, Matanzas; Ciego de Avila; Santiago de Cuba; and Las Tunas entries per WRTH97 | |
| 940 | Central Espana Republicana, Mantanzas; Mayari Arriba, Holguin // Colon, Matanzas; and Holguin per WRTH97 | |
| 950 | Ciudad de la Habana // Sancti Spiritus per WRTH97, but definitely not the same site or power they listed—this is a daytime local level high-power signal at my location | |
| 960 | Guantanamo // same site per WRTH97; also Cienfuegos per WRTH97 | |
| 980 | (not on his list, Bayamo, Granma per WRTH97) | |
| 1010 | Jobabo, Las Tunas // unknown, per my observations | |
| 1140 | (not on his list, observed by David Crawford and myself weakly 11/99 but unsure if a new site or overnight relay) | |
| 1180 | (not on his list, Nueva Gerona, Isla de la Juventud per WRTH97 — and not heard recently by myself) | |
| 1270 | Camaguey // same site per WRTH97 | |

95.9 MHz (not on his list, Habana area per WRTH98)

[The above comments come from Terry Krueger, Clearwater, Florida, in TOCABAGA DX #48 (DEC 7, 1999). Copyright 1999 - reprint only with full credit to TOCABAGA DX and quote all stated sources]

Target DX

Dave Braun dcbraun@delanet.com
863 Allabands Mill Rd.
Camden Wyoming DE 19934-2132

DX'ing 'smart', with shared tips and requests by NRC members

First off this time, a couple of programming changes:

Blake Lawrence <blake@deejay.com>: It is all over the media here that The Sports Animal, WDAE 1250 will move its programming and calls to 620, now occupied by WSAA, on or about 01 January 2000.

John D. Bowker <wa2wen@juno.com>: Interesting that I've not seen mention of the historic fact that WDAE started at 620 from a relatively poor transmitting site. When they swapped frequencies with WSUN back in the 1920's, the station on 620 in Milwaukee (WTMJ) cried foul because WSUN-620 had erected two new towers half way out into Tampa Bay and WTMJ claimed that the WSUN signal was giving them interference in Michigan! WTMJ's claim was that WSUN had received approval for the transmitter move, but had not accurately predicted coverage patterns that came anywhere near what they were really achieving. WTMJ lost that one. Of course, now that they're at 50,000 Watts, maybe it will be time for the new WDAE-620 to cry foul! Naw, I guess not, but it would make for an amusing exchange. I see in the new NRC Log that WSAA-620 is using 5,000 Watts. I wonder what became of the 10,000 Watt STA that WSUN-620 had a couple of years ago.

Mike Pietruk <pietruk@eskimo.com>: Which of the sports talk networks is WDAE carrying? As for John's comment concerning WTMJ and WSUN, I recall picking up WSUN early mornings during the winter months when I was a youngster in the late 50s or early 60s on several occasions. They obviously had switched to full-power prior to WTMJ being able to and could easily have been causing WTMJ some interference. Oh yes, these catches were from Chicago.

Paul W. Smith, W4KNX <sunray2@gte.net>: John and all, WSUN is still operating under this STA, I think it was granted in 1983. They are 10KW ND days 9800 D at night. I also believe WIOD 610 in Miami was granted a similar STA. It's funny that the FCC records do not indicate the higher level they operate at. This was when Cuba was relaying Radio Moscow. They trashed 610,620, 1040 really bad. I remember that 1040 in Pinellas Park then WHBO, and 1040 in Palm Beach both went off the air for a couple hours so the FCC monitoring station could get some idea of the signal strength of Radio Moscow on these frequencies. 1040 in the mid 80's was trashed here really bad.

The following was in response to a story about WAUR-930-IL being sold (Sorry, I lost the original post - dB)

Mike Pietruk: Some personal observations on this story. I was a bit skeptical when I first read this story in Robert Feder's *Sun Times* column back in October. That's a lot of money to pay for this ringshot AMer licensed to Sandwich, IL 50 miles wsw of Chicago. This morning, Feder carried an item mentioning that the station new ownership is now seeking a corporate sponsor to pay \$400,000 a year for 10 years. Also, on the air this morning, I caught an announcement, as an insert in the Catholic Family Radio feed, asking listeners to make financial contributions to this station. As for the "jobs" mentioned, as that same announcement indicated, these will be off-the-air ones leading me to believe that the majority of air time will be brokered. One likely buyer of that time, as the story mentions sports programming, is One-On-One networks which is already currently purchasing 88 hours a week from FM-94.3 WJKL Elgin. Another angle to keep an eye on is to see where CFR's WYPA-820 will be seeking nighttime authorization. A former occupant on that frequency, WSCR, had requested and received a CP for 1200 watts nighttime in a highly directionalized pattern protecting WBAP. That cp was never used (it required the building of a 2nd transmitter site in Chicago's southwest suburbs) as the facility only weeks later was sold by Diamond Broadcasting to CBS which subsequently moved the sports programming to WJJD's old 1160 and then sold 820 to Douglas Broadcasting which, for a while until it sold to Radio Unica, ran a motivational satellite feed. Radio Unica eventually sold 820, after purchasing 950 from One-On-One Sports, to Catholic Family Radio which found that 930 AM wasn't meeting its needs in the Chicago market. Of course, lost in all this musical chair game is how the folks in the Sandwich area (and in De Kalb, Kendall and northern La Salle counties) are being served by AM 930.



Patrick Griffith, N0NNK <AM-DXer@webtv.net>: I visited the KXOL transmitter site last April and I do have photos. Unfortunately I don't have the means to post them on the Web for your viewing.

The site is very unassuming. It is located in a farmers field near an irrigation ditch and was surrounded by cows when I was there. It is just west of a very small town (I believe the name was Roy, UT) which is about halfway between South Ogden and the Great Salt Lake. It is about 60 miles north of Salt Lake City. It was very hard to spot the tower until I was almost on top of it. Fortunately I had the coordinates with me and used my GPS to lead me there or I probably would not have found it. The transmitter building appears to be either a railroad boxcar or semi truck trailer with the wheels removed and sits right next to the tower. The tower appears to only be about 160 feet in height. It has an FAA exemption so there are no paint or lights. When I was there the daytime signal from sister station KSOS/800 was also being multiplexed from the same tower. (KSOS uses a different site for their nite signal). The only thing unusual I noted about this tower is that it is top-loaded and appears to be using 2 'umbrellas'. All of the towers that I have previously observed incorporating 'umbrella' top-loading use only the uppermost set of guy wires to create the 'umbrella'. This site appears to use the upper 2 sets.

Ragnar Danneskjold <ldwxer@juno.com>: Roy, UT. Home to ultra pest KANN with its religious programming. It is not the religious programming I dislike, it is just that they are a high powered pest. Did you have a chance to check locally if they were on AM Stereo? I also was wondering if you happened to notice if they dropped power?

Patrick Griffith, N0NNK: Actually after reviewing my trip notes I see that the KXOL/KSOS tower was just northwest of Plain City, UT not Roy, UT as I previously stated. On this trip I spent several days in the SLC area and on 2 evenings I monitored KXOL through and well after sunset specifically watching for signs of a power reduction. I did not observe any indication of this happening. However within the groundwave at only 50 miles distance and without accurate measuring instruments it's hard to say. I did also make several attempts to locate their business office/studio without success. The local telephone directories were of no help with the location and it was a weekend when I ventured north of SLC so I didn't attempt a phone call. Ragnar I did also visit and photograph your 'friend' KANN/1120

84 WHAS
DEPEND ON IT

at Roy. I actually photographed most of the AM transmitter sites within about a 50 mile radius of SLC on that trip. Some of the more interesting were KNRS/570 with a very old looking but well maintained facility reminiscent of those constructed in the 40s, KLO/1430 with a beautifully constructed brand new facility, KONY/1210 down in Washington, UT with a huge "Pure Gold, 1210 AM" billboard located right at the base of the tower, and of course KSL/1160 located right at the edge of the Great Salt Lake with a huge guyed tower that looks like it use to be sectionalized into 3 segments and a huge old self-supporting auxiliary tower nearby. An interesting side note, the closest I could get to the KSL towers was about 1 mile. Every photo I took of these towers looks slightly out of focus even though I used 2 lenses and took photos of them on 2 separate visits. This effect is not seen in any of the over 100 photos I took elsewhere on this trip. An effect of the salty air maybe?

John D. Bowker: I would be interested in any comments you might have on the PARAN antenna used by KAPS-660 in Mount Vernon, Washington. Like others, I enjoy touring the country visiting stations but I was not prepared for that antenna system. The Chief Engineer there (who is also a newscaster) told me there are only two broadcast stations in the world using the PARAN. He wasn't sure where the other one was...he guessed Guam or in the Middle East. Right in there somewhere, he grinned. If you're not familiar with it, I can well understand.

Thomas Giella <kn4lf@webtv.net>: I've never heard of the PARAN antenna but my instincts tell me it may be similar/same as the CFA/DDA antenna that has caused a furor in the Amateur Radio/Commercial Radio transmitting antenna engineering design circles. Allegedly claims have been made about the antenna design and performance that defy known laws of physics and has been rabidly debunked. The antenna is being used in Egypt!

Patrick Griffith, N0NNK: John I am not familiar with the PARAN antenna. I have been searching for a few months and haven't been able to find any mention of it in any of my reference books or on the web. Others have told me of it's use at KAPS but nobody has been able to provide photos or a good description of it to me and KAPS has not answered my written requests for information about it. What does it look like? The FCC database seems to show it as 4 top loaded towers with a non-directional pattern. I am familiar with the CFA antenna. There is a very good photo of one of the Egyptian CFA antennas on the Isle of Man Broadcasting web site (<http://www.longwaveradio.com/engineering.html>) as well as a description of how it works. The Isle of Man is apparently planning to use one of these for their new longwave station. I have heard rumors of a CFA being tested for the AM band here in the US but I don't know where.

Doug Smith <w9wi@bellsouth.net>: FWIW, the designer of this antenna (Maurice Hatley, GM3HAT) has been selling a different design of antenna to British hams for years. That said, I should mention that among several hundred contacts with British hams, I've never worked one who claimed to be using one of Hatley's antennas!

Fred Vobbe <fredv@nrcdxas.org>: And have you ever seen any close up photos, mechanical diagrams, or field data?

Doug Smith: I have seen a fair photo of one of the Egyptian sites. It looks kinda like a discone. Mind you, there's nowhere near enough data to figure out how it's made. (it's also way too small to actually *be* a discone for that frequency)

Thomas Giella: If I understand Doug correctly the KAPS antenna IS as I surmised a CFA antenna. The claim causing the furor is the success in separating the electric and magnetic components of an electromagnetic wave into separate distinct entities, impossible! Another claim made was an efficient but small radiator versus wavelength, impossible. A small radiator versus wavelength is no big deal, just obviously more inefficient. A small but thick in diameter radiator like the CFA loads up RF real well over a wide frequency range but radiates about as good as a dummy load. I used to associate and collaborate with some very knowledgeable but otherwise unpleasant 160 meter antenna designers/experimenters and they were livid at the claims made by the designer of the CFA antenna.

John D. Bowker: I wish I had taken a picture of the PARAN antenna in Mount Vernon at KAPS-660. It was a four tower array just like others have mentioned on this exchange of comments. The towers were less than 200 feet high...remember now, this is a 660 station...and it is not in an urban section of Mount Vernon...just north of town a bit. Possibly there was an antenna height restriction but the Chief Engineer's main concern was keeping the signal down in a horizontal plane...not letting it propagate at a significant up angle due to his protection of the station in Calgary. The NRC Log shows them to be non-directional. I wonder how many stations are using a 4-tower array to achieve a non-directional pattern! My recollection of the four tower array is that it looked like the towers were being used only to support the radiating wire elements. There was a wire running from the top of each tower to the top of each other tower. This made for wires criss-crossing each other across the top of the four towers plus a wire running along the four sides...all at the top of the array. The feedline ran up the outside of one tower and was quite visibly being held away from that tower as though it might be susceptible to a grounding effect of that tower (i.e., a partially radiating feedline?). The array is only a few tens of yards from the main studio so they're not too worried about r.f. getting into their studio audio gear. It strikes me that the FCC must have approved their antenna system...but I will admit that I have never seen any mention of the antenna in any books. I recall that Bruce Conti had just finished a course on broadcast antennas a half dozen years ago when we first had seen the antenna, and he too was puzzled. Ah well, Maybe someday you'll be idly cruising up I-5...or maybe we can get Mark Durenberger to visit that station and bring back all sorts of information for us. Thanks for your interest.

Fred Vobbe: If someone were to contact the Downtown Copy Service, you think they could pull the engineering on this station and make a copy for one of us that could decipher what they are doing?

John D. Bowker: I suppose one could write to Downtown Copy Center and get a copy of the KAPS filing about their antenna...but DCC needs to know just what you want (unless you want to pay a "research" cost)...besides, it's more fun this way. After all, we're just curious. It would be interesting to hear from anyone from Seattle or Bellingham...or environs...to see how well the KAPS 10,000 Watts does during the daytime.

Bill Hale <phantom2@eaze.net>: According to the FCC database, KAPS's four top-loaded towers are 120 feet tall (29 degrees), and arranged in a perfect square. If you can imagine the towers in this configuration, at the lower left is tower 1. 100 feet to the right and 100 feet up are towers 2 and 4 respectively. 100 feet across from tower 2 and 100 feet up from tower 4 is tower 3. The skip angle for both day (10 kW) and night (1 kW) is zero! The patterns are circles.

Patrick Martin <mwdxr@webtv.net>: Interesting about the skip angle being Zero. There may be little skip from KAPS allright. On GW they are quite listenable at 200+ miles on the Oregon coast during the day. At night they are heard u/CFRR poorly.

Thomas Giella: Zero skip angle in theory but not in reality. A true zero skip angle is impossible. Would it be better or worse for stateside DX if this antenna design became more common? Less QRM?!

Charles C Boehnke <kale@juno.com>: In theory perhaps, but the vertical signal is always a few degrees in aperture so it will always have some signal radiated upwards even a very slight angle. Alan Roycroft and I found this to be true at KIPA AM's 4 tower Paran Array in Kona.

Peter Scherwat <Scherwat@home.se>: Interesting! If 620 KIPA is using a Paran Array, then I would have to surmise that it does produce some noticeable skywave after all. It was the very first Hawaiian I picked up 9 years ago, with a great signal too! Not here, but further north in Sweden. But then, it may well have been one of the other transmitters I heard, since they have 3 synchronous ones operating on 620 if my memory serves me right. Perhaps the Kona-tx is impossible to hear over at this end, and all we ever get is one of the other locations? It is kind of hard to tell which one...Peter Scherwat, Örnsköldsvik, Sweden

Patrick Martin: I'm not in the Seattle area, but I do get KAPS quite well here on the Oregon coast during the day at 200 miles. I live on the Oregon coast SW of Mt. Vernon.

Bill Hale: According to the current FCC database, KIPA-Filo uses a 4-tower PARAN array (each 90 feet tall) at their 10 kW synchronous relay at Kalaoa, Hawaii. That must prove to be interesting listening on the "Big Island", along with the mother station (5 kW) at Hilo and another relay (5 kW) at Naalehu.

Pete Taylor <taytac@worldnet.att.net>: I have not seen the towers but the signal is consistent with no fading ever noted. It is clean at night when I aim the loop at it; however, with it nulled, KTNN and CFFR can be heard on a regular basis. I also heard the KEYZ test tones through it. The Oregon and CA stations haven't made it yet, however. I am not an engineering type so all I can say is that it has a fine and reliable low frequency signal.

Charles C Boehnke: KIPA's Paran Array in Kona (Kalaoa) is about six miles north of the town of Kailua-Kona and is situated just east of the Queen Ka'ahumanu Highway and is easily visible from the road right across from the Kona International Airport. It has been a disappointment as far as performance goes as it does not do near as well as was expected. It also has been a bear to maintain. KIPA uses KKON 790 in Kealakekua to carry parallel programming in order to serve

the South Kona District. It was originally hoped the Kalaoa facility would do that, but it never did well to the south. The KIPA Synchronous System on 620 works fairly well overall and the "gray" areas are primarily in remote and almost uninhabited areas. Passing through them one hardly notices it. I don't know what plans, if any, KIPA has for the Paran System, I am no longer associated with the station since Alan Roycroft's retirement a few years ago due to illness.

Fred Vobbe: "I have seen a fair photo of one of the Egyptian sites. It looks kinda like a discone. Mind you, there's nowhere near enough data to figure out how it's made. (it's also way too small to actually *be* a discone for that frequency)." That's what bothers me. Actually, you *can* load a short antenna, just check with anyone at the 1999 Bridgeport Convention. <grin> But something about the claim does not seem right, and not seeing specific data makes me think this is just NDXE's antenna system. <grin>

Thomas Giella: Hey, I remember that NDXE shortwave scam back in the '80's!!! Yes, with the proper matching arrangement you could load up 100 kW into an umbrella and somebody would hear it but efficient, NOT. That's what's going on with the CFA, especially when they cloak their scam in secrecy so nobody can call them on it.

And some other items on stations with "late" power/pattern changes:

Russ Edmunds <wb2bjh@hotmail.com>: I've also noticed that locals WNPV-1440 and WCOJ-1420 are stronger in the period up to an hour after LSS than they are in the period up to an hour before LSR. I've not had occasion to check them from the same places (WNPV is too close to notice the difference here) any later in the evening, but I'll try to. This is the same phenomenon I have previously noted with WADV-940 and WYLF-850, though I've not been able to establish just how late either of these two seem to run stronger either. There's nothing in the FCC database which would appear to indicate the existence of PSSA's for any of these, but it's possible that it doesn't show that at all for any station. Has anyone else pursued this any further, since others have also noted several stations seemingly running day power/pattern past LSS?

WKQW

OIL CITY, PENNSYLVANIA

Wayne Heinen: I recall that a complete list was published when the pssa powers were originally introduced. I haven't seen anything since that original list which Jerry Starr published in AMS many years ago, nor have I seen it in any AM database reader that is currently on the Internet. Most info on pssa stuff that is in the AM LOG is from that list or from DXers and the stations themselves...

Russ Edmunds: Wayne, sounds like your response is leading in the same direction I've been thinking, namely that a big part of the issue may be pssa's, which, owing to their initial lack of clarity, coupled with the ensuing lack of documentation and lack of oversight by the FCC could account for how some stations might be justifying (if that's the operative word) remaining on a higher power and/or different pattern than their night power/pattern in the hours after LSS. This would also account for why more of these seem to be showing up at this time of year...

Paul W. Smith, W4KNX: Kudos to all the editors on the DXAS this month. One of the best ever. One thing really stuck out. With all the talk of local content gone with corporate radio, the Phoenix Bandscan had a real gem. That was the locally produced Classic country station on 1230. Yes local talent and music on a "GRAVEYARD" frequency. That station sounded as tight as the best run major markets FM's I've ever heard. Guess it shows that it still can be done. My bet is that station is also locally owned.

Rick Lewis <ricklew@primenet.com>: Paul, You'd bet wrong. The station was only local during

morning drive, otherwise automated, and at that that was owned by Chancellor, now AMFM and becoming Clear Channel most likely. The format was replaced on April 23rd with KOY's Nostalgia, moving from 550 to 1230 at that time. (KGME's sportstalk programming was bought by Chancellor and moved to 550.) The long and the short of it: that format is no more. 1230 hasn't been locally owned for a long time.

Ragnar's list of logs with started this discussion:

Ragnar Danneskjold: Heard on a 1946 Sonora RDU-209 [\$34.95] with 6 tubes and internal air core loop... Ragnar, (Who has a soft spot for rigs that have firebottles.)

Russ Edmunds: I do! In addition to my two Hammarlund HQ-150's, I have a 1935 console Philco and a 1939 console Philco along with a 1929 Atwater Kent in an 'aftermarket-of-the-day' console cabinet. I've had the Philcos since 1967 - one worked immediately, the other needed a bit of help, and the Atwater since maybe 1978. It has worked since I acquired it also. I used to have a whole flock of table radios, but, over time, since most were just "all-American Fives" they departed as they ceased to work, as they weren't rare enough (to me, at least) to try to sink any more time & effort into repairing them.

John R. Tudenham <jotud@juno.com>: I have an old Hallicrafter S38 which I modified by putting in a power transformer and using 6 volt tubes. I like to listen to AM broadcast and short wave broadcast, works great could use a little more selectivity.

Ragnar Danneskjold: I have never used any of these rigs. I do know that the AK must be worth some \$\$\$\$. I have two or three of those ("all-American Fives" - ed) around the house none of which are working. I am like you. They are too common to fix at this time. Too bad that digital radio is going to bring an end to the use of many of these radios.

Sorry I lost how this thread started, but you'll get the idea:

Fred Vobbe: "I agree that Y2K will be far more defined by mis-reaction and over-reaction by the public to either 'normal' things like the above, or creating problems by anticipating problems where none exist — kind of a self-fulfilling prophecy." Remember the old "Hee Haw" skit where the four guys would sing, "Whoa and agony, and pity on me"? I picture a bunch of people freaking out at the stroke of midnight when some kid throws a slinky up over some 12kv power lines just to cause some excitement. I think this new years is going to have more pranks than Halloween, if you ask me.

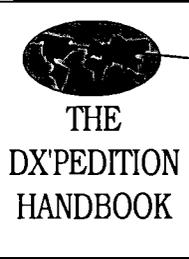
Paul Smith: I haven't seen a metal slinky in years. They are all plastic now. <g> BTW, the old slinkys made great antennas.

Fred Vobbe: Every so often you see them around, and I know what you mean about putting them into antenna service. I had one on a foam tube and used the slinky as a tuning coil. They were also nice to attach to a fishing line reel and you could unreel them from a 2nd floor window, and pull them in when not using it. <grin>

Russ Edmunds: And they were easy to use as a variable coil because they were sooo easy to adjust...

Ragnar Danneskjold: Yeah, you can see six of them running into a terminated end and into a ground rod on the side of my house. It works pretty good as an antenna. A lot of logs that were sent to IRCA when I was with them were made on that antenna. Right now I am either using a Zepp, a Vobbe Superloop, or a Space Magnet SM-2. The Zepp and Slinkys are a toss up. The Vobbe is better than the SM-2 for a loop.

Expiring? Time to renew? Not sure when? Need to call or e-mail someone? Check the back page - it's all right there!



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College Sports Networks

Dave Braun dcbraun@delanet.com
 863 Allabands Mill Rd.
 Camden Wyoming DE 19934-2132

Network listings for college team sports stations

Thanks to Blaine Thompson for these college networks:

University of Illinois (Jim Turpin, Jim Grabowski)			
590 KFNS-IL	1340 WSOY-IL	1520 WHOW-IL	97.7 WQUL-IL
930 WTAD-IL	1360 WVMC-IL	1550 WJIL-IL	WMOI-IL
1080 WPOK-IL	WGFA-IL	1560 WBYS-IL	98.3 WRAN-IL
1090 WCRA-IL	1390 WFIW-IL	1570 WTAX-IL	98.5 WACF-IL
1160 WSCR-IL	1400 WDWS-IL	1590 WKAN-IL	100.5 WJVO-IL
1170 WLBH-IL	WGIL-IL	92.9 WSEI-IL	100.7 KFNS-MO
1210 WILY-IL	1410 WTIM-IL	93.7 WJEZ-IL	101.7 WTAY-IL
1230 WLLR-IA	1430 WCMY-IL	94.1 WGFA-IL	102.1 WDNL-IL
WHCO-IL	1440 WPRS-IL	95.3 WRXX-IL	102.3 WRMJ-IL
1240 WTAX-IL	WROK-IL	95.9 WHOW-IL	102.5 WHHK-IL
1270 WKBF-IL	1490 W DAN-IL	96.9 WL BH-IL	104.9 WPXN-IL
1290 WIRL-IL	WZOE-IL	97.5 WHMS-IL	106.1 WSMI-IL
1330 WRAM-IL	1500 WGEN-IL	WCRC-IL	106.7 WBRJ-IL
			107.9 WBYS-IL
Indiana University (Don Fischer, Buck Suhr)			
640 WBOW-IN	1370 WLTH-IN	95.9 WEFM-IN	102.3 WLHM-IN
960 WSBT-IN	1440 WPGW-IN	96.1 WQLK-IN	WCBK-IN
970 WLKY-KY	1460 WKAM-IN	96.7 WAXT-IN	WNJY-IN
1070 WIBC-IN	1500 WAKE-IN	WBWB-IN	103.1 WXCH-IN
1190 WOWO-IN	1560 WRIN-IN	WORX-IN	WRBI-IN
1220 WSLM-IN	1590 WPFO-IN	97.9 WSLM-IN	WIMC-IN
1230 WTCJ-IN	92.1 WZDM-IN	98.1 WIBN-IN	104.7 WITZ-IN
1270 WXGO-IN	92.7 WSKT-IN	WSCH-IN	WWWY-IN
1280 WGBF-IN	93.1 WNAP-IN	WCJC-IN	WAXI-IN
1330 WTRE-IN	93.5 WWWO-IN	WNUY-IN	WQRK-IN
1340 WTRC-IN	93.7 WQKC-IN	WFLQ-IN	106.5 WWBL-IN
1350 WIOU-IN	94.3 WRCR-IN	100.9 WPGW-IN	WBNL-IN
			WRSW-IN
University of Kentucky (Tom Leach, Jeff Van Note)			
590 WV LK-KY	1410 WHLN-KY	95.9 WFTM-KY	104.1 WCKQ-KY
680 WCTT-KY	1440 WEZJ-KY	WGKY-KY	104.3 WXBC-KY
840 WHAS-KY	1450 WDXR-KY	96.5 WXJB-TN	WEZJ-KY
860 WSON-KY	1490 WOMI-KY	WOKH-KY	104.9 WJRS-KY
930 WCKT-KY	WSIP-KY	97.1 WKCM-KY	WKHG-KY
940 WCND-KY	1520 WLGC-KY	WSEK-KY	WAVJ-KY
1060 WFLE-KY	WSAI-OH	97.7 WHRZ-KY	105.1 WRNZ-KY
1110 WKDZ-KY	1550 WMSK-KY	98.3 WQXE-KY	105.7 WLGC-KY
1130 WKED-KY	1580 WPKY-KY	98.7 WHOP-KY	105.9 WHAY-KY
1160 WKCM-KY	1590 WLBN-KY	98.9 WHKW-KY	106.3 WKDZ-KY
1220 WFKN-KY	92.3 WSAC-KY	WSIP-KY	106.5 WNKR-KY
1230 WHOP-KY	92.5 WBKR-KY	99.1 WCBL-KY	106.7 WKXO-KY
WANO-KY	92.7 WRVC-KY	100.9 WLSK-KY	107.3 WCTT-KY
1240 WFTM-KY	92.9 WV LK-KY	101.1 WSGS-KY	107.7 WKCA-KY
WPKE-KY	93.1 WDHR-KY	101.7 WKYM-KY	
WSFC-KY	WDNS-KY	WTHQ-KY	
1290 WCBL-KY	WKTG-KY	102.1 WCBF-KY	
1310 WDOC-KY	94.3 WDOC-KY	102.3 WUGO-KY	
1320 WBRT-KY	WFLE-KY	WDXC-VA	
WCMI-KY	WGGC-KY	103.1 WPKE-KY	
WNBS-KY	95.3 WMSK-KY	103.7 WKED-KY	
1400 WFTG-KY	95.5 WQHY-KY	103.9 WWEL-KY	

University of Michigan (Frank Beckmann, Jim Brandstatter)

Table listing radio stations for University of Michigan, including call letters, frequencies, and power levels.

Michigan State University (George Blaha, Larry Bielat)

Table listing radio stations for Michigan State University, including call letters, frequencies, and power levels.

University of Minnesota (Ray Christensen, Dave Mona, Darrell Thompson)

Table listing radio stations for University of Minnesota, including call letters, frequencies, and power levels.

Northwestern University (Dave Eanet, Ted Albrecht)

? WGN-IL

Ohio State University (Paul Keels, Jim Karsatos, Jim Lachey)

Table listing radio stations for Ohio State University, including call letters, frequencies, and power levels.

Purdue University (Joe McConnell, Peter Quinn)

Table listing radio stations for Purdue University, including call letters, frequencies, and power levels.



St. Francis(IN) (Joe Parson)

1450 WLYV-IN

University of Wisconsin (Matt Lepay, Mike Lucas)

Table listing radio stations for University of Wisconsin, including call letters, frequencies, and power levels.

The information Blaine sent included one college basketball network:

Table listing college basketball networks, including station call letters and frequencies.

And one additional college basketball network:

Auburn University (www.aunetwork.com/affiliate/index_affiliate)

Table listing radio stations for Auburn University, including call letters, frequencies, and power levels.

Let me take this opportunity to thank everyone for their support of our new Target DX column this year, and wish everyone a very safe and happy holiday season.

Professional Sports Networks

Barry S. Finkel bsfinkel@ANL.gov

10314 S. Oakley Chicago, IL 60643-2409 Network listings for team sports stations

New York Giants (NFL) 1999 Bob Papa, Dick Lynch (from press notes distributed at the Jets/Giants game [via Bob Galerstein])

Table listing radio stations for New York Giants, including call letters, frequencies, and power levels.



Newfoundland DXpedition VIII

9, 10, and 15 to 24 October, 1999

A report assembled by Jean Burnell

with commentary by John Fisher and Jean Burnell

Introduction

This was the eighth major effort at Cappahayden, and as such we seem to be getting more and more demanding about what we expect to hear. The incredible 130 country total of the fifth DXpedition is unlikely to be surpassed without an equally large DXpedition, so we have focused once more on going for new catches and difficult DX. The DXpeditioners were:

Alan Merriman	[AM]	Chincoteague, VA	AOR AR-7030 Plus	15 Oct - 23 Oct
John Fisher	[JF]	Calgary, AB	Icom R-71A	15 Oct - 17 Oct
Neil Kazaross	[NK]	Barrington, IL	AOR AR-7030	17 Oct - 24 Oct
Jean Burnell	[JB]	St. John's, NF	Drake R8A & Icom R-71A	9 Oct - 24 Oct

As I had my children with me for a couple of days, some logs have also been contributed by 9-year-old cub-DXer Christopher Burnell [CB] using a Sony 2010.

The antenna complement at the DXpedition was:

Brazilian Beverage: 1 km twin-lead with Byan termination aimed at eastern Brazil. This is also quite effective for Paraguay, Uruguay and Argentina as well as southern Africa. We extended this even longer for one night.

African Beverage: 390 m unterminated wire towards southern Africa. This was extended half-way through the DXpedition, and with a wider beam than the Brazilian Beverage, it really helped with the Africans.

European Beverage: 500 m terminated wire towards northern Europe. Eastern routes were far from exceptional, so we may not have missed much when this antenna was clipped short by wave action.

Delta (K9AY) Loops: Up to three such systems were used. By and large these were handy for filling in the gaps between the Beverage beams, and sometimes these provided quieter coverage than the Beverages.

The ends of the Beverage antennas were connected through noise-reducing transformers to coaxial cables that brought the signals into the radio "shack." The signals were gently amplified using Kiwa broadband amplifiers then split four ways using ICE splitters. Each DXer could choose his antenna at the flick of a switch. I used a modified MJF-1026 unit for phasing. Al used a unit based on Mark Connelly's Superphaser design, and Neil had his zillion-knob Connelly unit of uncertain vintage (carbon-dating being unavailable at Cappahayden).

I like to go to the DX site the weekend before the crowd arrives so that I can ferry the many spools of antenna wire and coax and other heavy material such as bottles of drinking water. The hamlet of Cappahayden does not change much. This time there seemed to be even fewer human inhabitants, but more aggressive dogs. The best way to make sure that nothing important has been forgotten is to DX for a night. I had forgotten part of my delta (K9AY) loop set-up! It would have been foolish to try to erect it anyway, as the wind was howling at about 100 km/h, and it began to rain heavily. I did stretch out the 1-km long Brazilian Beverage and the 500-m European wire, but neither was terminated until the next week. I was stalked by a seal while fiddling with the latter, and I picked up a jawbone and a vertebra of a baleen whale on the beach.

Propagation from the East was better than during the full-fledged DXpedition. I heard stations such as Yemen on 760 kHz and BBC from Redmoss on 1449 kHz that were not audible a week later. I discovered that the Brazilian Beverage had snapped about 250 meters from the shack, which explained a disappointing initial showing from Brazil.

The next Friday I was back in Cappahayden getting the shack set up. Al Merriman arrived in the afternoon, and I had to zoom back to St. John's to collect my children from school and bring them down to Cappahayden. They were disappointed not to be stalked by a seal, but we did find another whale vertebra and half a dozen pieces of baleen (machete-sized, but flexible whale teeth). My first log was Tanzania on 1377 kHz, not a bad start! We were DXing when John Fisher arrived. He picks up the narrative here:

John Fisher:

While this may have been my third trip to the East Coast Mecca of DXing, Cappahayden, Newfoundland, time has not jaundiced my appreciation of this great location.

As with my last trip in 1998, I was fortunate to have been able to have my visit coincide with a business trip to Germany. So rather than have to deal with an 8-hour time difference and jet lag in Germany, I was able to split the trip in half, making my transition to German Time easier. (That's my story, and I am sticking to it!). In fact, when I heard in late Spring that I would be making this trip, I sent off a note to Jean, asking if he would be interested in a weekend of DX. His reply was that he had been thinking of having another DXpedition, so invites were sent and the plan was set in motion.

Every time that I have been to Newfoundland, the weather has been almost as exciting as the DX. This year was no exception. I saw on Friday morning's weather report in Toronto that there were high wind warnings for Atlantic Canada, so I expected a rough ride on the flight in. When I landed and picked up the rental car, I got the first taste of the wind that was awaiting me. The woman at the counter told me that I may want to avoid an area near the University since some streets were closed because the roof was blown off the Aquarena. When I got in the car and tuned on the radio, I heard that there had been hurricane-force winds of 140 km/h on the south shore (where I was headed) and that the winds tonight would be gusting over 100 km/h. Well those winds stayed with us all weekend and made putting up the K9AY loops for Jean and Al a real challenge. However, I tip my hat to the pilots of the planes that flew in and out of St. John's airport; they really know how to handle these windy conditions. The take off and landings were as smooth as any that I have had in calm conditions.

While I was only at the DX Inn for 47 hours, reception conditions provided for a little bit of everything. On the first night, reception was so-so; Europeans were in with fair signals, South America was OK, and we could hear Kenya on 1386. A check of the MW bands in the morning revealed improving conditions to deep South America and my first logging of HCJB on 690. On Saturday afternoon, central Europe and North Africa was coming in stronger, providing me with my first receptions of Belgium 1188 and Algeria 1422. But the real highlight this afternoon was an African station on 1062 that had all three of us, listening and taping intently. All indications were that this station was from Nigeria, however, it took us until the next night to confirm this. By early evening, stations in Argentina, Brazil and Uruguay were making a good showing. Many of the Argentineans were new for me, including 630, 1030 and 950.

But by far the highlight of the night was hearing a station on 530 with a British-accented announcer in English under Radio Visión on the southern Beverage. Could it have been Falklands?

On Sunday afternoon before I left, I went for a short drive in the countryside. After passing through "The Barrens," a zone of sub-arctic tundra with only rocks, a few short trees and ponds, I reached the hamlet of Portugal Cove South and the sign to Cape Race and its lighthouse. Only 20 km to Cape Race the sign said, so it should only be a short drive. The road started off as a gravel road, turned into a more rocky trail and then it really started to degenerate. After about 6 km, it was little more than two tire paths over the rock and grass. At times it was hard to tell where the road stopped and where the field took over. I finally reached the end of the road. My rental car had scraped over the rocks to get here and there was the lighthouse was finally in view. After all that, when I got a little closer, I saw that the lighthouse was surrounded by scaffolding and plastic - a reconstruction project. So much for getting a nice photo of a remote lighthouse on a desolate Atlantic point!

Sunday evening left only a few hours of DXing before I had to leave, but they were good hours. In all of my trips to Cappahayden I had never experienced really good conditions to Southern Africa. There were a few glimpses of Lesotho and Botswana, but never anything really solid. Today that changed. It started off with strong signals from Guinea on 1386 and quickly led to Angola 945, a weak signal from Senegal on 765 (so they are still on, but not very strong), a killer signal from Mozambique on 1206 and a possible unauthorized relay of Merlin Network One on 1485.

Once again it was great to see Jean and enjoy his hospitality and the use of his Icom R71A. That saved me from lugging around a communications receiver for 3 weeks while I traversed North America and Germany on business. Once again, I got to meet Neil for a couple of hours; it seems like one of us is always leaving when the other is arriving. Maybe one of these trips we will overlap for a longer period. And it was a pleasure to meet Al for the first (and probably not the last) time. While I have numerous tapes to keep me busy for a little while, I am already looking forward to my next trip to the windy coast of Newfoundland.

Again, Neil and John seemed to cross in the air! As the weather continued to disappoint, the DX didn't. Conditions were quite auroral on the night that John left, and we scored some fabulous reception of Mozambique on 1206 kHz and of the Nigerian on 1062 kHz. We also picked up some good Argentinean and Uruguayan signals, and the best audio I have for Falklands on 530 kHz was taped that night. The next few nights were not as interesting, even though more new Brazilians were logged.

The 19th was probably our worst day in terms of weather. The 120 km/h winds, the tail of Hurricane Irene, had managed to drag our European wire into the heavy surf during the night, then in the morning as I drove to St. John's there were snow flurries. (The missing sections of the European wire

were spliced in a few days later, and we set out another, shorter wire aimed roughly at southern Africa.) However, the 19th was also the evening in which auroral conditions returned, and this time in spectacular fashion. I missed most of the fun since I didn't arrive back in Cappahayden until after Africans had signed off. Neil and Al gleefully recounted how I had missed Lesotho on 891 kHz and a bunch of stations from Botswana.

Fortune smiled when the weather didn't. The auroral conditions persisted, and in subsequent evenings I managed to relog most of the stations I had missed on the 19th. This included Family Radio on 1197 kHz, which is from the ex-BBC transmitter in Lesotho, Emissora Provincial de Tete from Mozambique on 963 kHz, and three "new" (for me) Botswana stations. We also caught a lot of great signals from southern South America, and even a "new" Peruvian on 810 kHz. Every DXpedition I gripe that we never hear Chile on our big antennas. I did hear Radio Familia del Maule on 1570 kHz back in August, so it doesn't hurt as much to admit it this time...we still didn't hear Chile on a DXpedition, but I'll trade Falklands for Chile any day!

To wrap up, here's a final word from Neil:

Neil Kazaross:

It was great to see Jean and John again and to meet Al and see the impressive K9AY loops in action. The DXpedition was a HUGE success thanks to great auroral conditions, and helped towards Africa by the shorter wire just to the east of our monster 1-km Brazil-getter!

The Logs (UTC dates and times)

Trans-Atlantic DX

- 530 UNID 20 Oct, 1951 - Woman in AA, AA music; SIO 221 with splatter from LORAN [JB]. 21 Oct, 2045 - Here again with AA music, then Koran with French translation, Neil has an ID for Cairo on tape! SIO 222 [JB].
- 531 BOTSWANA R. *Botswana*, Maun, 19 Oct, 2145-2200 - Poor-fair with EE music, // 972, then lost under the Spanish pest; new wire put a nice null on Spain to give us a new logging [NK]. 23 Oct, 2111 - African pop music, // 972; SIO 243 [JB]. 23 Oct, 2116 - In well over Spain and Madeira with mellow African music, // loud 873 and 972 [NK].
- 540 MALI *ORTM*, Bamako, 23 Oct, 2147 - Clear under CBT with tribal African rhythms, // 4783 [NK].
- 549 ALGERIA *RTA*, Les Trembles, 16 Oct, 0113-0118 - AA stringed music and AA talks; very good / / 891 was poor [JF].
- 567 IRELAND *RTE-1*, Tullamore, 16 Oct, 0119 - Interview with woman about a nurses' strike; fair [JF].
- 612 MOROCCO *RTM*, Sebaa-Aioun, 16 Oct, 0122 - AA talk in what sounded like a news-magazine show; fair until faded under co-channel Ireland [JF].
- 630 NORWAY *RRK*, Vigra, 21 Oct, 2244 - Country and western music, // 1314; SIO 333 [JB].
- 630 TUNISIA *RIT*, Tunis, 16 Oct, 0100 - Slow pips over AA music, AA talk from 0002; SIO 443, but later QRMed increasingly by another AA station [JB].
- 648 GAMBIA *Gambia R.*, Bonto, 17 Oct, 2028 - Decent with tribal music and African talk [NK]. 17 Oct, 2036 - Presumed; man in African language; fair to good [JF]. 21 Oct, 2131 - Woman with news about Gambia and Africa; SIO 242 but no sign of Botswana [JB].
- 657 ENGLAND *BBC R. Cornwall*, Bodmin, 16 Oct, 0108 - Report on Hurricane Irene, // 909; SIO 322 [JB].
- 657 ISRAEL *Kol Israel B*, Tel Aviv, 16 Oct, 0012 - Hebrew phone-in then "My Way," // 1206; SIO 322, under Spain [JB].
- 657 SOUTH AFRICA *Pulpit R.*, Meyerton, 23 Oct, 2133 - Tentative; religious tunes, few or no announcements until off at 2200, but level too low for much comprehension by that time; SIO 242-1 [JB]. 23 Oct, 2135 - Presumed; over Spain for a few minutes on our African antenna with EE religious singing; after 2200 this was off but their open carrier was clearly on [NK].
- 666 ALGERIA *ENDS*, Tindouf, 21 Oct, 2242 - Clear and almost alone, // 891, with AA talk [NK].
- 675 NETHERLANDS R. *Ten Gold*, Lopik, 10 Oct, 0007 - Pop music, jingle ID; SIO 544 [JB].
- 747 BURKINA FASO *Radiodif. Nat. du Burkina*, Ouagadougou, 23 Oct, 2114 - Man in African language, // 4815, but lost to Spain shortly after; SIO 232 [JB].
- 760 YEMEN *Yemen R.*, Mukalla, 9 Oct, 2037 - Woman in AA; SIO 333 with LORAN QRM [JB]. 9 Oct, 2209 - Koran, man with announcement in AA, anthem at 2212 and off; SIO 243 [JB].
- 765.08 SENEGAL *RTS*, Dakar, 17 Oct, 2022 - FF talks by a man - the type of French definitely sounded more African than European - pop music; fair, but only audible on the southern Beverage; nothing heard on the European antenna [JF]. 17 Oct, 2023 - Presumed; man in African language, sounded like Senegal of old, but weak; SIO 242 [JB].

- 765 SWITZERLAND R. *Suisse Romande*, Sottens, 9 Oct, 2039 - Pop music; SIO 444 over unID Brit [JB]. 9 Oct, 2300 - FF news, sports, and weather; SIO 544 [JB]. 16 Oct, 2145 - Pop music, FF news at 2200, IDs as "La Premiere;" good [JF].
- 792 GREECE *Voice of America*, Kavalla, 22 Oct, 0353 - Over Spain with woman in Slavic language interviewing an American EE speaker [NK].
- 792 UNID 16 Oct, 0126-0131 - Koranic chants, AA (?) talks, time pips at 0130 mixing with co-channel Spain and starting to fade down; fair [JF]. 16 Oct, 0126 - Koran, possible AA ID at 0129, AA talk under Spain; SIO 322 [JB].
- 810 SCOTLAND *BBC R. Scotland*, synchros, 9 Oct, 2249 - "Celtic Connection" program to 2255, then news and weather and into BBC WS at 2300; SIO 444 [JB].
- 846 ITALY *RAI R. 2*, Rome, 16 Oct, 0305 - News in EE; SIO 333 [JB]. 16 Oct, 0305-0311 - EE news and sports and into Italian news at 0306; "Notturmo Italiano" program at 0311; fair [JF].
- 846 SOUTH AFRICA R. *Xhosa*, Komga, 17 Oct, 2041 - Talk in unidentified language on southern Beverage; poor [JF]. 18 Oct, 2125-2127 - Fair with talk in Xhosa into mellow EE music; on our new, shorter 1300-foot wire, which had great nulls to Europe in this bad area, we could listen to this basically clear of Italy all night [NK].
- 864 ARMENIA *Trans-World R.*, Kamo, 10 Oct, 0042 - Eastern language, into "Old Rugged Cross," IS and ID in EE at 0045 then American syndicated religion; SIO 544 [JB].
- 864 EGYPT *Egyptian R.*, Santah, 17 Oct, 0320 - Koranic readings, // 9755; fair [JF].
- 873 BOTSWANA R. *Botswana*, Ghanzi, 22 Oct, 2152 - // 972 with man and woman in African language well atop Spain [NK]. 22 Oct, 2155 - Man and woman with news, // 972; SIO 252 [JB].
- 891 LESOTHO R. *Lesotho*, Maseru, 19 Oct, 2220-2240 - New to our log thanks to new wire with a great null to Europe in this frequency range and very little QRM from Algeria and only remnants from Portugal; station had African talk and nice tribal music, // 4800, with good peaks [NK]. 20 Oct, 2005 - Man in African language, // 4800; SIO 232, best on the K9AY loops since the Beverages were picking up a lot of QRM from co-channel Algeria and Portugal [JB]. 20 Oct, 2022 - HUGE signal, way better than SW!! When this was this strong, it beat up Algeria on our Brazilian Beverage as well [NK]. 20 Oct, 2036 - Now strong with nice African music, over Algeria; SIO 433 [JB].
- 907.84 GAMBIA R. *Syd*, Banjul, 19 Oct, 2013 - EE country & western music; good [NK]. 21 Oct, 2137 - African music, then woman DJ in EE before more African music; SIO 242 [JB].
- 909 BOTSWANA *Voice of America*, Selebi-Phikwe, 23 Oct, 2048 - Very weak under unID African with woman in EE, definitely // 4950; SIO 121 [JB].
- 909 ENGLAND *BBC R. 5*, synchros, 16 Oct, 0125 - EE interviews [CB].
- 909 MOROCCO *RTM*, Safi, 17 Oct, 2026 - Talk in French and local music, // 774; fair [JF].
- 909 NIGERIA *FRCN Abuja National Station*, Fwagwa Lada, 23 Oct, 2043 - Tentative; males in African language, definitely mentioned "Abuja" at 2050, African music after 2056; SIO 222 [JB].
- 945 ANGOLA R. *Nacional*, Cazenga, 17 Oct, 2046-2102 - Religious program with male preacher in PP who mentioned Angola several times and some religious music, clear ID at 2056 as "Radiodifusão Nacional Angola," more music until French news at 2100; good [JF]. 17 Oct, 2047 - Man in African language preaching, mentioned Angola often; SIO 444 [JB]. 21 Oct, 2030 - HUGE signal; man reading news in FF mentioning various local officials [NK]. 21 Oct, 2034 - French "MicroMagazine" news program to 2045, then African music; SIO 354 [JB].
- 954 UNID 22 Oct, 2127 - Presumably an African; weak briefly well under the Spanish pest with American Black-oriented music [NK].
- 963 FINLAND *Oy Yleisradio Abe (YLE)*, Pori, 10 Oct, 0254 - Finnish folk music, pips and news at 0300; SIO 333-2 [JB].
- 963 PORTUGAL R. *Renascença*, Seixal, 17 Oct, 2253 - Pop music including "Monday, Monday" by the Mamas and Papas, PP IDs and ads at 2257; fair to good with no sign of Finland [JF].
- 963 MOZAMBIQUE *Em. Prov. de Tete*, Tete, 22 Oct, 2100 - ID as "Emissora Provincial de Tete..." I can't make out the word after Tete; into PP news mentioning Cidade de Beira after 2100; this had virtually no QRM on the new shorter Beverage, which allowed nice African reception due to wider beam but a nice null of Europe [NK]. 23 Oct, 2058 - On the K9AY loops and on the African Beverage; pop music, PP talk from 2059, telephone report at 2101; SIO 242, R. Renascença was audible on the European Beverage [JB].
- 972 BOTSWANA R. *Botswana*, Sebeli, 17 Oct, 2042 - EE announcer giving sports scores and then African language; fair-good [NK]. 20 Oct, 2034 - Man in African language; SIO 243 [JB]. 22 Oct, 2123 - Deep-voice man then woman with news report in EE; SIO 333 [JB].
- 972 GERMANY *Norddeutscher R.*, Hamburg, 16 Oct, 0258 - German talk mentioning Hamburg, instrumental music bridge; good [JF].
- 972 UNID 22 Oct, 2128 - Likely a Nigerian; emerging to mix with Botswana, woman in African

- language hosting program of US pops; SIO 222 [JB].
- 981 GREECE ERT, Athens, 16 Oct, 0333 - Woman in Greek; fair-good [JF].
- 999 ENGLAND *Magic 999*, Preston, 21 Oct, 1955 - Oldies, news at 2000, nice ID at 2006; SIO 322 [JB].
- 999 SPAIN R. *Pop. de Madrid*, Madrid, 21 Oct, 2019 - Local ID as "COPE Madrid en 9-99;" over RAI but Brit has disappeared, SIO 333 [JB].
- 1008 CANARY IS. R. *Voz*, Tejada, 16 Oct, 0122 - Loud SS talk [CB].
- 1017 GERMANY *Sudwestfunk*, Mainz, 16 Oct, 2110 - Music "When I Need You" by Leo Sayer, male announcer in German mentioning Baden-Baden; poor [JF].
- 1017 TURKEY TRT-1, Mundanya, 16 Oct, 0245-0304 - Local music with female announcer, news at 0300, music at 0304; good [JF]. 20 Oct, 1916 - Football play-by-play, IDs as "Radio Bir;" SIO 322 [JB].
- 1035 ENGLAND *Country 1035*, London, 9 Oct, 2111 - "Country 10-35 AM" ID, country music; SIO 343 [JB]. 9 Oct, 2304 - Jingle seemed to include "Ritz Country;" SIO 232 [JB]. 16 Oct, 0337-0404 - IDs, C&W music with no announcements, ad at 0359 for "Country 1035 Match-maker;" 0400 Independent Radio News read by Mitch Karasay, C&W music at 0402; fair [JF].
- 1053 ENGLAND *Talk Radio*, synchros, 16 Oct, 0107 - ID and phone-in show; good and // 1089 fair, 1107 fair [JF].
- 1062 DENMARK *Danmarks R.*, Kalundborg, 19 Oct, 0341 - Rock tune, male DJ in Danish, woman with marine weather from 0345; SIO 343, with QRM from test tones (RAI?) and a buzz on the frequency [JB].
- 1062 NIGERIA *Enugu State BS*, Onitsha, 16 Oct, 2159 - Station/location tentative; African music fading up, EE ID by woman (muffled audio) and time as "11 o'clock," pop tunes, ID at 2237 as "Radio 2," seemed to be news at 2300, children recite Nigerian pledge at 2310 and off; variable but SIO 443 at peak [JB]. 16 Oct, 2202-2310* - Program of pop and rap music including songs by Madonna and Michael Jackson, female announcer in English with heavy African accent with time checks for UTC +1 and numerous IDs mentioning "Radio 2," but on this day it was not possible to clearly make out the full ID, jingle ID, time check and ID at 2300 followed by news, music at 2304, English prayer at 2309, children's chorus giving a pledge including the words "God Bless Nigeria, my country," short anthem and then off; fair to good (JF). 17 Oct, 2058-2102 - Rap music, ID at 2100 as "This is the local — service of Radio Nigeria," news read by a woman; good but over modulated [JF]. 17 Oct, 2100 - Woman with the "latest from the news service of Radio Nigeria;" audio always muffled! SIO 443 [JB]. 18 Oct, 2300 - Muffled ID included "Radio Nigeria," Nigerian news, religious message, Nigerian pledge, anthem and off at 2309; SIO 342 with deep fades [JB]. 19 Oct, 2000 - Good with ID "ADFC AM you've got the place;" this was very easy to hear all week [NK].
- 1062 UNID 15 Oct, 2338 - Back to back old pops/country tunes, suspect Country R. in Czech Rep.; SIO 242 [JB].
- 1098 SLOVAKIA *Slovenska R.*, Velke Kolostany, 17 Oct, 0057-0123 - Slovak talk, time pips at 0100 followed by news, overnight EZL music program at 0104; good [JF].
- 1116 CHANNEL ISLANDS & ENGLAND *BBC Guernsey* and *BBC Derby*, 16 Oct, 0217 - BBC Overnight show with the two stations not synchronized producing a one-second echo; fair [JF].
- 1134 CROATIA *Hrvatski R.*, Zadar, 16 Oct, 0219 - Pop music; good, // 1125 was fair [JF].
- 1152 ROMANIA R. *Romania*, Cluj, 16 Oct, 0221 - East European music, male announcer; fair, // 855 was poor [JF].
- 1161 SCOTLAND R. *Tay*, Dundee, 10 Oct, 0237 - Scottish-accented presenter w/ "Five Questions" contest, music, seemed // Clyde 2 on 1152 kHz; SIO 342 [JB].
- 1170 NIGERIA *Ogun State Broadcasting Corp.*, Abeokuta, 17 Oct, 2136 - Tentative; talks under co-channel Brazilian; very poor [JF]. 19 Oct, 2020 - African-sounding language mixed in a mess of QRM [NK].
- 1179 SWEDEN R. *Sweden*, Sölvesborg, 16 Oct, 2032 - Dance music request show in EE and Swedish, // 6065; fair [JF].
- 1188 BELGIUM R. *Twee*, Kortrijk, 16 Oct, 2010-2033 - Two men in Flemish, jingle ID at 2012, variety of music including Shania Twain, Sister Sledge; fair with fading under Hungary by 2030 [JF].
- 1188 HUNGARY *Magyar R.*, Szolnok, 16 Oct, 1938-2010 - Pop music, news at 2000 in Hungarian mixing with co-channel Belgium; fair [JF].
- 1197 LESOTHO *Family R.*, Lancer's Gap, 17 Oct, 2034 - EE religious program on southern Beverage; poor [JF]. 17 Oct, 2134 - EE religion; SIO 222 [AM/JB]. 20 Oct, 2044 - Religion in EE, "Family Radio" ID at 2101, more religion; SIO 242 [JB]. This is the ex-BBC 100-kW transmitter.
- 1206 ISRAEL *Kol Israel Reshet Bet*, Haifa, 16 Oct, 0010 - Hebrew phone-in program; long deep fades, SIO 443 [JB]. 16 Oct, 2343 - Phone-in show with announcer saying "Shalom;" only in momentarily, poor [JF].

- 1206 MOZAMBIQUE *Em. Prov. de Inhambane*, Inhambane, 17 Oct, 2102-2206* - Pop music program with PP announcements, nice ID at 2200, anthem at 2204 before sign-off; fair peaking at good [AM/JF]. 17 Oct, 2123 - PP news, instrumental guitar music and PP songs; SIO 333 [JB]. 18 Oct, 2022 - Good with local mentions during PP male and female commentary; the Beverage and auroral conditions took out European QRM [NK]. 22 Oct, 2055 - Pop music, ID, silence for almost 2 minutes before music at 2059, ID and news at 2100; SIO 333 [JB]. 23 Oct, 2106 - PP woman tried to talk to child...she couldn't understand the child either; SIO 332 [JB].
- 1215 BOTSWANA R. *Botswana*, Mahalapye, 23 Oct, 2119 - African music, // 972; SIO 232 [JB]. 23 Oct, 2120 - Very good, // several others [NK].
- 1251 LIBYA *Voice of Great Homeland*, Tripoli, 16 Oct, 2348 - AA talk and music, // 15415; poor [JF]. R. *Voix de l'Afrique*, 18 Oct, 2031 - EE news just ending then FF news with IDs; SIO 433 [JB].
- 1260 ENGLAND *Classic Gold 1260*, Mangotsfield, 21 Oct, 2027 - DJ chats with female caller, pop tunes, weather for "Bristol and West" and "Bristol and Bath," lots of IDs and promos; SIO 333 [JB].
- 1260 ENGLAND *Sabras Sound*, Freeman's Common, 21 Oct, 2022 - (It's not "common" here!) Poking occasionally above Classic Gold with Indian music; SIO 222-1 [JB]. 21 Oct, 2040 - Peaking now with Indian music; SIO 232 [JB].
- 1269 GERMANY *DeutschlandRadio*, Neumünster, 15 Oct, 2224 - German talk; good [CB].
- 1278 ENGLAND *Classic Gold 1278*, Bradford, 19 Oct, 0155 - Over and under Ireland with "Classic Gold" ID [NK].
- 1296 ENGLAND R. XL 1296, Langley Mill, 10 Oct, 0004 - Indian music, Hindi announcer but some EE; SIO 444 [JB].
- 1323 GERMANY *Voice of Russia*, Wachenbrunn, 16 Oct, 1924-2000 - FF programming, sign-off announcement at 1958, chimes IS, time pips and EE ID at 2000; EE news; fair [JF]. 16 Oct, 2052 - "Russian by Radio" program, frequency announcement and IS at 2058; SIO 333 [JB].
- 1332 UNID 23 Oct, 2005 and 2043 - African here in PP, not // Portugal or Madeira stations, with US music; is this Angola or Mozambique? [NK].
- 1341 NORTHERN IRELAND BBC R. *Ulster*, Lisnagarvey, 16 Oct, 2028 - C&W music show, program promo for a BBC Live music show for the Millennium, ID as "BBC Radio Ulster," old jive music; very good [JF].
- 1359 EGYPT *Egyptian R.*, Batra, 9 Oct, 2131 - Fade up over Brits w/ classical flute music; SIO 332 [JB].
- 1368 ISLE OF MAN *Manx R.*, Douglas, 16 Oct, 2318 - Oldies music "Imagine" by John Lennon; fair with het [JF].
- 1377 ENGLAND *Asian Sound R.*, Manchester, 15 Oct, 2200 - Independent Radio News to 2202, then quickly faded; SIO 222-1 [JB]. 15 Oct, 2355 - Male host in unlDed language, Independent Radio News, then ads or slogans; SIO 242-1 as Tanzania had faded down for a while [JB].
- 1377 TANZANIA R. *Free Africa*, Mwaza, 15 Oct, 2158 - African choral music, VOA news from 2200 to 2206, then back to music; SIO 232 [JB]. 15 Oct, 2258 - More repetitive African music, ID at 2300 as "Radio Tanzania, Dar es Salaam" before news; SIO 353 [JB]. 16 Oct, 2127 - African choral music, no announcements; SIO 333 [JB]. 17 Oct, 2330 - Music sounded like an anthem, then just piano music without announcement; SIO 444 [JB].
- 1385.93 GUINEA R. *Rurale*, Labé, 17 Oct, 1954-2032 - Flute music with tedious singing (it must be an acquired taste!), "Le Magazine du Monde" in FF at 2001 with many mentions of Conakry, local music at 2025 and more FF talk at 2031; good [JF]. 17 Oct, 1957 - Repetitive African music, "Le Magazine du Dimanche" program in FF began at 2001; SIO 354 [JB]. 18 Oct, 1937 - In reasonably well by 1937 and was huge most evenings by 2000 [NK].
- 1386 KALININGRAD / RUSSIA *Voice of Russia*, Bolshakovo, 16 Oct, 2026 - EE economics show talking about the price of diamonds in Germany; good [JF]. 20 Oct, 1911 - Newsmagazine in EE about organized crime conference; SIO 353 [JB].
- 1386 KENYA KBC, Maralal, 16 Oct, 0158 - IS, choral anthem at 0200, woman with frequency announcement; SIO 232 [JB]. 16 Oct, 0158-0202 - Talking drum IS, choral anthem at 0200, female announcer at 0201 with "You are listening to..." then music; very poor [JF].
- 1422 ALGERIA *ENDS*, Alger, 16 Oct, 2043 - FF pop music with FF announcements; poor to fair [JF]. 16 Oct, 2044 - Faded up over Germany with FF program "Galaxie," phone-in contest then pop music; SIO 433 [JB].
- 1422 GERMANY *DeutschlandRadio*, Heusweiler, 16 Oct, 2043 - Light orchestral music program; SIO 422 [JB].
- 1431 SPAIN RNE R. 5, two stations, 18 Oct, 2024 - Two signals, poorly synchronized with network program; SIO 332 [JB].
- 1449 ITALY RAI Radio 2, synchros, 9 Oct, 2157 - Over Brit with music, woman with program announcement, then anthem; SIO 322 [JB].

- 1449 SCOTLAND BBC R. 4, Redmoss, 9 Oct, 2159 - Became more apparent as Italy disappeared, "Radio 4" just before pips and news at 2200, marine weather from 2203; SIO 222 [JB].
- 1458 ENGLAND *Lite AM*, Manchester, 9 Oct, 2053 - Old pop song, ID and jingle before news at 2100; SIO 322 [JB].
- 1467 FRANCE / MONACO TWR, Roumoules, 16 Oct, 2140 - Religious music, preacher in English with simultaneous AA translation; good [JF].
- 1467 SAUDI ARABIA BSKSA, unknown location, 15 Oct, 2241 - AA music and talk, // 1440 (which was stronger); SIO 343 [JB].
- 1476 AUSTRIA ORF, Bisamberg, 16 Oct, 2154-2202 - EE/unID language talks, soft pops, multilingual IDs at 2158 "Radio Austria - Neighbour in Need," news in German at 2200; fair [JF].
- 1476 UNITED ARAB EMIRATES U.A.E. R., Dubai, 16 Oct, 1920 - AA talks and music, // 13675, poor [JF]. 19 Oct, 1922 - Fair to good with AA music, // 13675, over/under Austria [NK].
- 1484.3 SPAIN unID SER station, 23 Oct, 1945 - Station off frequency here [NK].
- 1484.90 ANGOLA unID station, 23 Oct, 2000 - US music and PP announcer, soon QRMed by Spain and Ascension [NK]. 23 Oct, 2018 - Rave/dance music with PP announcements, time to time heard echoed canned "Músical!", and at 2028 and 2037 also said something about "cultural" as well as AM and FM frequencies; SIO 242 [JB]. *I thought this might be the Estação Rádio de Madeira (which I've never previously logged), but Rocco Cotroneo in Brazil, who has heard this station as well, says he is sure it is Angolan.*
- 1485 ASCENSION ISLAND R. *Ascension*, English Bay, 17 Oct, 2151 - Very likely this based on antenna bearing; Merlin One rock music with Merlin IDs; occasionally faded up very strongly, SIO 444-2 [JB]. 17 Oct, 2155-2232 - Usual Merlin rock music program with British announcer saying that they were also on shortwave (9720) and satellite; possibly an unlicensed rebroadcast from Ascension as the station was only audible on the southern Beverage; a phone call to Merlin on the next day, indicated that they were unaware of a broadcast on this frequency; good [JF]. 17 Oct, 2200 - Well atop Spain on Brazilian Beverage with Merlin Radio feed with popular rock music [NK]. *Are the guys in the middle of the Atlantic are getting a little tired of BBC WS?*
- 1485 ENGLAND BBC R. *Humberside*, Hull, 21 Oct, 1950 - Mixed with Spain and atop a station that was different from ID Merseyside with Indian film music (possibly a new Dutch station which has Indian format) ID heard as "serving Lincolnshire and the North Midlands, this is BBC Radio Humberside" [NK].
- 1485 ENGLAND BBC R. *Merseyside*, Wallasey, 21 Oct, 1944 - News of Merseyside Bangladesh Centre, ID at 1946; SIO 333 [JB]. 21 Oct, 1945 - Excellent; over Spain with ID after Indian music [NK].
- 1485 SPAIN *Onda Cero R.*, Vilanova & Antequera, 18 Oct, 2100 - Under SER with different news broadcast in SS; SIO 322-1 [JB].
- 1485 SPAIN R. *Santander*, Santander, 18 Oct, 2057 - Regional program with "Radio Cantabria" IDs and ads, back to SER network at 2100; SIO 444 [JB].
- 1492.7 MOROCCO RTM, Casablanca, 18 Oct, 1950 - Wild music and AA announcer, // 1044, 774, 909 .. note this is NOT Ivory Coast [NK].
- 1502 ANGOLA *Em. Prov. de Benguela*, Benguela, 17 Oct, 2017 - PP talk; fair [NK]. 17 Oct, 2126 - Presumed; African music; fair [JF].
- 1503 AZORES AFN, Lajes, 16 Oct, 1941-1957 - EE features; fair [JF].
- 1503 POLAND TWR/Norea R., Szczecin, 21 Oct, 1947 - Scandinavian language talk; SIO 444 [JB].
- 1512 BELGIUM R. *Vlaanderen*, Wolvertem, 16 Oct, 1902 - Flemish news; fair as European stations were starting to fade in [JF].
- 1512 CRETE / GREECE ERA, Chania, 23 Oct, 0111 - Far under the Koran from Saudi Arabia with very Middle-Eastern-sounding music, then talk in Greek; SIO 322 [JB].
- 1521 ENGLAND *The Breeze*, Reigate, 15 Oct, 2242 - "The Breeze 15-21" ID, old pops; SIO 333-2 [JB].
- 1521 SAUDI ARABIA BSKSA, Duba, 16 Oct, 1903 - AA music; good [JF].
- 1530 SÃO TOMÉ *Voice of America*, Pinheira, 16 Oct, 0300 - EE ID and news; poor-fair [JF]. 18 Oct, 2142 - EE talk about dangers for Americans in Nigeria; SIO 333 [JB]. 21 Oct, 2000 - "Africa World Tonight;" SIO 433, over British commercial station [JB].
- 1530 VATICAN *Vatican R.*, 17 Oct, 1950 - EE radio drama "The Trial Of St. Theresa;" fair [JF].
- 1539 GERMANY *Evangeliums Rundfunk*, Mainflingen, 18 Oct, 2139 - Christian rock music; SIO 422 with massive QRM from SER station(s) [JB].
- 1548 MOLDOVA *Voice of Russia*, Grigoriopol, 16 Oct, 0133 - EE ID into sombre vocal music; poor [JF].
- 1566 BELARUS R. *Mayak*, synchros, 21 Oct, 1930 - Peaking good with man in Slavic language [NK].
- 1566 UNID 17 Oct, 0029 - Mid-eastern style stringed music; likely Iran since it did not go to Hindi news at 0030, which is what AIR stations have done here in the past; poor [JF].
- 1575 CLANDESTINE / KUWAIT *Al Mustaqbal*, 9 Oct, 2027 - AA music over Spain, ID and AA talk about Iraq; SIO 444 [JB].

- 1601 SPAIN R. *Vitória*, Vitória, 15 Oct, 2208 - SS news; good [CB].
- 1630 UNID 9 Oct, 2144 - Middle Eastern or Eastern European a cappella music; very weak [JB].
- 1636.17 NETHERLANDS unID pirate, 16 Oct, 2115 - Dutch and German hoaky tunes, probably R. Barones; SIO 252-1, deep fades and frequent transmitter cut-outs [JF/JB].
- 1670 UNID 9 Oct, 2147 - Similar to 1630 kHz, but too weak to hope for an ID [JB].

Pan-American DX

- 530 FALKLAND IS. *Falkland Island BS*, Stanley, 10 Oct, 0353 - EE talk under RVC, but too QRMed to comprehend; SIO 221 [JB]. 16 Oct, 0137 - Woman and man in EE under RVC; SIO 121 [JB]. 17 Oct, 0253 - Rock music; SIO 221 [JB]. 17 Oct, 0407 - Man in EE with British accent up briefly under R. Visión on the southern Beverage only; music at 0408, but dropped out very quickly; very poor [JF]. 18 Oct, 0419 - Unequivocally BBC WS under RVC; SIO 222 [JB]. 18 Oct, 0422-0424 - Under RVC Turks with EE commentary by man and woman clearly // 6175 BBC WS; this was not that common during the DXpedition, occasionally one could phase a null that helped a bit, although this was difficult to achieve and maintain on RVC[NK].
- 530 TURKS & CAICOS IS. R. *Visión Cristiana*, South Caicos, 16 Oct, 0111 - SS talk and ID; good [JF].
- 535 GRENADA GBC, St. Georges, 16 Oct, 0056-0107 - A really eclectic mixture of music with EZL pops, island music and rap; ad for "Lacroix Brothers Burial Society with offices in St. Georges, Grenville and Carriacou" at 0100; choral style music; fair-good [JF].
- 550 PUERTO RICO WPAB, Ponce, 21 Oct, 0105 - Tentative; one "Puerto Rico" mention in a long talk before lost under the Venezuelan and another SS station (probably Uruguay) [NK].
- 550 URUGUAY R. *Colonia (CW1)*, Colonia, 18 Oct, 0409 - Notice of church services then ID; SIO 433 [JB]. 18 Oct, 0409 - Atop Venezuelan with ID, then into SS religious program [NK]. 22 Oct, 0143 - Promo for program of news and music from Spain "en Colonia;" SIO 322 [JB]. 21 Oct, 0143 - Mostly under YVKE with "Colonia" ID [NK].
- 550 VENEZUELA *Mundial (YVKE)*, Caracas, 22 Oct, 0140 - Slightly stronger than co-channel R. Colonia, ballads, ads and many times checks with "Mundial" slogans; SIO 333 [JB].
- 560 BRAZIL R. *Educadora do Maranhão (ZYH887)*, São Luís, 22 Oct, 2257 - Talk about football, IDs around 2301, news, long ad string began at 2310, more IDs; SIO 343 with CHVO reduced by phasing [JB].
- 580 BRAZIL R. *CBN (ZYY776)*, Recife, 22 Oct, 0439 - Perhaps helped through CJFX by the lengthening (one day experiment) of our Beverage to 4900 feet; // many stations with "CBN Madrugada" net ID [NK]. 24 Oct, 0208 - Talk in PP, // 860; SIO 222 [JB].
- 580 DOMINICAN REP. R. *Monte Cristi (HIAF)*, Monte Cristi, 22 Oct, 0901 - Three stations in SS here, this one with lively music IDed; SIO 222, suspect dominant (news) station was Puerto Rico [JB].
- 580 PUERTO RICO R. *Reloj (WKAQ)*, San Juan, 23 Oct, 0915 - SS chat and ads; SIO 433 [JB].
- 600 BRAZIL R. *Gaúcha (ZYK278)*, Porto Alegre, 21 Oct, 0037 - PP talk, // 6020; SIO 333 [JB].
- 610 BRAZIL R. *Itatiaia (ZYL268)*, Belo Horizonte, 20 Oct, 2202 - "A Voz do Brasil" ends, ID; SIO 433 [JB].
- 610 TRINIDAD & TOBAGO NBS R., Port of Spain, 17 Oct, 2234 - Nat King Cole ballad, ID and EE time check at 2237; fair [JF]. 18 Oct, 0449 - Good with a British EE male announcer [NK]. 23 Oct, 0817 - Caribbean-accented preacher; SIO 333 [JB].
- 610 VENEZUELA R. *Centro (YVXY)*, Centaura, 18 Oct, 0115 - Probably this with sports, // RCR 750 [NK].
- 630 ARGENTINA R. *Rivadavia (LS5)*, Buenos Aires, 17 Oct, 0201 - News, weather, ID at 0204 "Rivadavia, solo la verdad;" SIO 444 [JB]. 17 Oct, 0204 - SS news, clear ID; good [JF]. 18 Oct, 0034 - Election coverage; SIO 222, under another SS station [JB]. 19 Oct, 0105 - Over and under WSKN and a domestic station with ID [NK]. 20 Oct, 0222 - Election ads, amazingly clear; SIO 444 [JB].
- 640 GUADELOUPE RFO, Pointe-à-Pitre, 10 Oct, 0408 - Pop music and woman DJ, // 1375; SIO 333 with CBN phased [JB]. 18 Oct, 0059 - ID as "Radio Guadeloupe" before France-Inter news; SIO 322 [JB].
- 640 VENEZUELA *Unión R. (YVQO)*, Puerto La Cruz, 18 Oct, 0035 - News by man and woman, ID at 0101 only as "Unión Radio;" SIO 433 over Guadeloupe with CBN phased [JB]. 18 Oct, 0417 - "Unión Radio" slogans under Guadeloupe; SIO 222 [JB]. 23 Oct, 0822 - Promo for baseball with list of Unión R. stations; SIO 444 [JB].
- 650 COLOMBIA RCN *Antena 2 (HJKH)*, Bogotá, 18 Oct, 0455 - SS announcement, ads, "R-C-N" ID; SIO 243 [JB]. 19 Oct, 0240 - SS reports from cities in Colombia, accordion music, talk about football; SIO 322 under domestic QRM [JB]. 20 Oct, 0138 - Football play-by-play, fabulous goals, IDs; SIO 322 [JB]. 22 Oct, 0220 - Ads, "RCN" ID, music; SIO 444 [JB]. 23 Oct, 0201 - "Antena Dos

- de Cali" ID; SIO 343 [JB].
- 650 UNID 18 Oct, 0235 - Classical music station, deep fades like a "deep South" American, so S.O.D.R.E. (Uruguay) seems most likely, but it faded away before possible ID at 0300; SIO 333 [JB]. 22 Oct, 0207 - Classical music occasionally fading up but mostly under Colombia; SIO 322 at peak [JB].
- 660 ST. LUCIA *St. Lucia BC*, Babonneau, 18 Oct, 0124 - Excellent; over Venezuela with accented EE giving a 9:24 time check then mellow instrumental music [NK]. 19 Oct, 0051 - Local-like signal, talking about Victory Hospital [NK]. 23 Oct, 2151 - Man and woman host "Caribbean Count-Down;" SIO 343 [JB].
- 660 VENEZUELA *R. Anaco (YVQZ)*, 20 Oct, 0350 - Sign-off announcement, mentioning 10 kW (says 5 kW in WRTH), state and Venezuelan anthems; SIO 443 [JB].
- 680 BRAZIL *R. Difusora AM (ZYH885)*, São Luís, 18 Oct, 0500 - ID [NK]. 18 Oct, 0501 - ID, then notice of a meeting for entrepreneurs in São Luís; SIO 333 [JB]. 20 Oct, 0003 - ID then rapidly fading under Puerto Rico; SIO 322 [JB]. 20 Oct, 0259 - Way over WAPA and then lost to unID Brazilian QRM [NK].
- 680 PUERTO RICO *R. Guapa (WAPA)*, San Juan, 16 Oct, 0905 - ID "La Maxima en Noticias," male announcer; fair [JF]. 20 Oct, 0004 - Rose rapidly with IDs listing this and a couple of affiliated stations, ads and jingles; SIO 444 [JB].
- 680 VENEZUELA *R. Continente (YVQR)*, Cumaná, 22 Oct, 0210 - Horse-racing results, // 740, mentioned "dos mil Bolívares para ganar" (can't be much ?) [NK].
- 690 BRAZIL *R. Dragão do Mar (ZYH587)*, Fortaleza, 17 Oct, 0138 - Likely; Portuguese language preacher; good [JF]. 21 Oct, 0348 - Presumed; seemed like PP religion, mentioned "Fortaleza;" SIO 322 [JB].
- 690 COLOMBIA *R. Recuerdos (HJ CZ)*, Bogotá, 24 Oct, 0928 - Faded up over HCJB with ads and many IDs; SIO 433 [JB].
- 690 ECUADOR *Voz de los Andes (HCJB1)*, Quito, 10 Oct, 0927 - Local music, talk in presumed Quechua, // (and better than) 3220; SIO 444 [JB]. 16 Oct, 0934-0941 - EZL music, // weaker 3220, coming up nicely over Anguilla as sun rose, Quechua talk, but fading down by 0941; good [JF]. 24 Oct, 0919 - Man in Quechua, clarinet music, // 3220; SIO 333 [JB].
- 700 ARGENTINA *R. Córdoba (LV3)*, Córdoba, 20 Oct, 0106 - Man and woman with news and sports for the Provincia de Córdoba, ID (garbled) and Web address; SIO 322 [JB].
- 700 BRAZIL *R. Nova Eldorado AM (ZYK686)*, São Paulo, 18 Oct, 0522 - Lucky to land here as woman IDed; SIO 333 [JB]. 20 Oct, 0110 - Ads, program promo, ID; SIO 222 [JB].
- 700 COLOMBIA *R. Net (HJ CX)*, Cali, 24 Oct, 0933 - "Radio Net" and time as 4:30 before news; SIO 332 [JB].
- 700 VENEZUELA *R. Sur (YVPQ)*, Puerto Ordaz, 20 Oct, 0101 - Presumed; very likely this with baseball coverage; SIO 332 [JB]. 20 Oct, 0256 - Still baseball, Caribes del Oriente vs. somebody; SIO 332 [JB].
- 705 ST. VINCENT *National Broadcasting Corp.*, Kingstown, 17 Oct, 0345 - Typical Caribbean eclectic program with LA music, old C&W ballads and EE announcer with heavy Caribbean accent; fair [JF].
- 710 ARGENTINA *R. Diez (LRL202)*, Buenos Aires, 17 Oct, 2239 - Election coverage, best around 2301 with inaccurate ID: "Radio Diez, la radio más potente de Argentina;" SIO 444 briefly [JB]. 17 Oct, 2323-2332 - Mostly atop another SS with loteria ad, deportes (sports report), and a nice ID "Radio Diez, La Radio más potencia de Argentina," of course many Argentines use more power than them [NK].
- 710 VENEZUELA *R. Capital (YVKY)*, Caracas, 17 Oct, 0042 - Baseball play-by-play; SIO 322 with QRM from CKVO [JB].
- 720 PARAGUAY *R. Pa'i Puki*, 25 Leguas, 23 Oct, 0830 - Seems to have just signed on with ID (sounds more like "Patai-Paku" to me!) and weather; SIO 333, but fading fast [JB].
- 730 PARAGUAY *R. Cardinal (ZP7)*, Asunción, 16 Oct, 0312 - Very likely this, no ID noted during sporting event but the Paraguayan team was obviously the 'good guys;' SIO 332 [JB]. 16 Oct, 0314 - SS sporting event with male announcer mentioning Paraguay often; poor [JF].
- 750 BRAZIL *R. CBN (ZYH709)*, Brasília, 18 Oct, 0513 - Good with "C-B-N" ID atop presumed ZYL213 with RCR off [NK]. 24 Oct, 0216 - ID noted over/under Venezuelan, // 860; SIO 322 [JB].
- 750 VENEZUELA *R. Caracas R. (YVKS)*, Caracas, 17 Oct, 0039 - Venezuelan baseball, "R-C-R" IDs; SIO 444 [JB]. 24 Oct, 0212 - "RCR" ID and promo, time check, telephone chat; SIO 322 [JB].
- 760 BRAZIL *R. Record (ZYH588)*, Fortaleza, 10 Oct, 0225 - Phone chat, canned ID at 0227, mellow music; SIO 444 [JB].
- 759.78 CUBA *R. Reloj*, Caney de las Mercedes, 19 Oct, 0950 - News and IDs; SIO 333 [JB].
- 760 GUYANA *GBC*, Georgetown, 24 Oct, 0126 - Caribbean-accented EE women under Fortaleza's

- big signal [NK].
- 760 VENEZUELA *R. Puerto La Cruz (YVQQ)*, Puerto La Cruz, 16 Oct, 0026 - Announcement with huge reverb, ID in promo; SIO 333 [JB].
- 770 COLOMBIA *RCN (HJX)*, Bogotá, 10 Oct, 0229 - "RCN" IDs and hype over likely R. Oriental, Uruguay; SIO 433 [JB].
- 770 URUGUAY *R. Oriental*, 17 Oct, 0331 - Nice ID "Transmite CX12...Radio Oriental, Montevideo, Uruguay," male announcer talking about classical music; fair [JF].
- 780 BRITISH VIRGIN IS. *ZBVI*, Roadtown, 24 Oct, 0128 - Caribbean EE man ranting atop the SS and PP QRM [NK].
- 780 PARAGUAY *R. Primero de Marzo (ZP70)*, Asunción, 23 Oct, 0836 - Spotted in unusually strong opening to Paraguay, telephone report, ads, ID at 0840; SIO 343-4 [JB].
- 780 VENEZUELA *R. Coro (YVMN)*, Coro, 16 Oct, 0927 - Promos, ads, ID, and "Fiesta 7-80" promo; SIO 433 [JB].
- 790 ARGENTINA *R. Mitre (LR6)*, Buenos Aires, 16 Oct, 0846-0857 - SS talk, music "Girl from Ipanema" in PP and EE, ID at 0855 as "Mitre, La Radio;" fair [JF]. 17 Oct, 2244 - Presidential election returns; very unusual to hear Argentina well this early, SIO 433 [JB]. 17 Oct, 2340 - Atop with local ads [NK]. 18 Oct, 0224 - Ad for Channel 14 TV, Mitre ID; SIO 444 [JB]. 21 Oct, 0116 - Fair and clear with "Radio Mitre" ID [NK].
- 800 BRAZIL *R. MEC (ZYJ457)*, Rio de Janeiro, 18 Oct, 0014 - PP talk then classical music; SIO 422 [JB]. 22 Oct, 2304 - Huge with local ads and about 10 IDs which sound phonetically like "Rádio Mek-key" into a beautiful PP song [AM/NK]. 22 Oct, 2324 - Mellow Brazilian pops, IDs that sounded like "Rádio Mecky" at 2330; SIO 343 with VOWR reduced by phasing [JB].
- 800 NETHERLAND ANTILLES *TWR (PJB)*, Bonaire, 18 Oct, 0008 - SS religion, address in Atlanta; SIO 422 [JB]. 22 Oct, 23 Oct, 0001 - "Radio Transmundial" ID under R. MEC; SIO 222 [JB].
- 810 COLOMBIA *Caracol Colombia (HJCY)*, Bogotá, 23 Oct, 0905 - News, ads, IDs and jingles; SIO 433 [JB].
- 810 PERU *Radial Andina (OAX7V)*, Juliaca, 23 Oct, 0907 - Briefly audible through Caracol with clarinet and woman with "en simultané...para todo el Perú...RPP;" SIO 322 [JB].
- 820 COLOMBIA *Caracol Colombia (HJED)*, Cali, 22 Oct, 0859 - "Esta es Caracol" after fanfare; SIO 232 [JB].
- 820.24 COLOMBIA *R. Vigía (HJAD)*, Cartagena, 22 Oct, 0928 - Heting earlier, but decent level at this time with "Radio Vigía" ID and lots of saludos and time checks between LA songs, mentioned "Antena Todelar" at 0940; SIO 232-3 [JB].
- 820 VENEZUELA *R. Guadalupeana (YVXG)*, Coro, 22 Oct, 0909 - Generally dominant on this frequency with Rosary to almost 0930, then local ads; SIO 333-2 [JB].
- 830 ST. KITTS *R. Paradise*, Charlestown, 17 Oct, 0347 - Presumed; EE preacher; poor [JF].
- 830 VENEZUELA *R. Sensación (YVLT)*, Caracas, 17 Oct, 0240 - "Cinco y Seis" horse-racing under R. Paradise; SIO 322 [JB].
- 840 ARGENTINA *R. Salta (LV9)*, Salta, 19 Oct, 0911 - "Noticias deportivas," temperatures for Buenos Aires, news-program hype heard twice: "Este País Hoy, Primera Emisión...Radio Salta," often just used "AM 8-40;" SIO 322 [JB]. 21 Oct, 0859 - Sign-on announcement, song about station, more IDs and hyped joint news with Mitre, news; SIO 333 [JB].
- 840 BRAZIL *R. Bandeirantes (ZYK687)*, São Paulo, 18 Oct, 0600 - ID, "Jornal Bandeirantes" news; SIO 322 [JB].
- 840 COLOMBIA *HJCK*, Neiva, 19 Oct, 0930 - Suddenly almost alone with "La Buena Radio, H-Doble K" ID and time, another ID at 0933 then accordion music; SIO 333 [JB].
- 840 CUBA *R. Reloj*, Santa Clara, 16 Oct, 0944 - SS news over clock ticks, ID; fair [JF]. 16 Oct, 0953 - Usual news, time checks, and IDs with code; SIO 243 [JB]. 19 Oct, 0945 - Still audible when everything else except locals had expired; SIO 333 [JB].
- 840 PARAGUAY *R. Guatira (ZP6)*, Villarica, 20 Oct, 0937 - Man with local announcements / ads mentioned Villarica; SIO 322 [JB].
- 840 PUERTO RICO *R. Victoria (WXEW)*, Yabucoa, 16 Oct, 0858 - Ads, full SS ID into LA music program at 0900; fair [JF]. 16 Oct, 0859 - Emerged above other SS station (Argentina?) with sports news "Radio Victoria, la emisora de campeones," cock crows, more IDs; SIO 333 [JB]. 20 Oct, 0939 - ID under Paraguay "Radio Victoria...Voz del Oriente;" SIO 222 [JB].
- 840 UNID 19 Oct, 0927 - ID on SS station sounded like "Radio Telefonica...oriental...5 kilowatts de potencia...;" SIO 332 briefly [JB].
- 840 VENEZUELA unID station, 19 Oct, 0909 - Venezuelan anthem, but lost around 0911, later heard old Venezuelan tunes; SIO 222 [JB]. *R. Juventud (YVMY)* may be the only Venezuelan on 840 kHz now. *Guarapiche* was supposed to move to 640 kHz.
- 850 CUBA *R. Reloj*, Nueva Gerona, 22 Oct, 0946 - News and "RR" IDs became noticeable through

- other SS stations, one of which was Carve [JB].
- 850 URUGUAY R. *Carve* (CX16), Montevideo, 16 Oct, 0829 - SS IDs and talks mixing with co-channel Boston; poor [JF]. 17 Oct, 0238 - Football coverage ending, ID; SIO 443 [JB]. 19 Oct, 0320 - Atop presumed Venezuelan with ID [NK].
- 870 ARGENTINA R. *Nacional* (LRA1), Buenos Aires, 16 Oct, 0832-0845 - LA music and news items about Argentina; good [JF].
- 870 VENEZUELA R. *Pueblo* (YVRU), Puerto La Cruz, 16 Oct, 0904 - Signing on with anthems, but announcement never mentioned a station name/slogan; SIO 443 [JB]. 23 Oct, 0926 - Lively local music; SIO 454 [JB].
- 880 PERU R. *Unión* (OBZ4N), Lima, 20 Oct, 0819 - Evident with Julio Iglesias-type music, definite / / with 6115; SIO 222-1 under R. Mundial and WCBS [JB].
- 880 VENEZUELA R. *Mundial* (YVYM), Puerto Ordaz, 20 Oct, 0817 - Ad for natural medicines, slow fade but up again at 0823 with ID; SIO 332 [JB].
- 890 ARGENTINA *Emisora Santiago del Estero* (LV11), Santiago del Estero, 10 Oct, 0900 - Sign-on with prayer, lots of IDs and time checks; SIO 343-2 [JB]. 19 Oct, 0905 - Great IDs, sound effects introed "Noticias..A Primera Hora;" SIO 343, over Colombia [JB].
- 890 COLOMBIA R. *Galeón* (HJPM), Santa Marta, 19 Oct, 0857 - Time as "cuatro en punto," IDs, saludos to many people; SIO 344 [JB].
- 900 BARBADOS CBC, Bridgetown, 10 Oct, 0222 - Program promo, music; SIO 333 over CJBR [JB]. 17 Oct, 2248 - Ad for tires, sports news; SIO 443 [JB]. 18 Oct, 0130 - Good with heavily accented man saying that something was "brought to you by the Ministry of Health" [NK].
- 920 BRAZIL R. *Franca do Imperador* (ZYK584), Franca, 23 Oct, 0000 - Surprising ID almost alone as all others faded down briefly, then instrumental music; PP religion heard on this frequency may have been them, too; SIO 242 [JB].
- 920 BRAZIL unID station, 24 Oct, 0240 - Once again we cannot ID the religious PP here [NK].
- 920 PARAGUAY R. *Nacional* (ZP1), Asunción, 18 Oct, 0134 - Good with "Radio Nacional del Paraguay" ID [NK]. 17 Oct, 0847-0858 - LA music with zither-like instrument, / / 9734, nice ID at 0849; poor-fair [JF]. 23 Oct, 0158 - Football play-by-play of Paraguay versus Bolivia with Paraguay scoring and announcers screaming joyously; SIO 433 [JB]. 23 Oct, 0803 - Just after sign-on with prayer, echoed ID over harp music, serious talks; SIO 444 [JB].
- 930 BRAZIL R. *Metropolitana* (ZYH646), Fortaleza, 22 Oct, 2231 - Horse-racing results, promo for coverage of Fortaleza's football team; SIO 333 with local CJYQ reduced by phasing [JB]. 22 Oct, 2235 - Huge at times with phased CJYQ almost inaudible with many "Metropolitana" IDs and a second unID Brazilian beneath! At times this was over local CJYQ without phasing [NK].
- 940 COLOMBIA RCN (HJTL), Cúcuta, 24 Oct, 0254 - "RCN" ID noted in passing; SIO 332 [JB].
- 940 CUBA R. *Reloj*, Central España & Mayari, 20 Oct, 0840 - News and IDs; SIO 222 [JB].
- 950 ARGENTINA R. *Libertad* (LR3), Buenos Aires, 17 Oct, 0832-0843 - SS ID "LR3, Radio Libertad, Buenos Aires, Argentina," "música romántica" ballads in SS, ads at 0838 including one for a show on Libertad and another for an establishment on Rua Presidente; good [JF].
- 950 CUBA R. *Reloj*, Sancti Spiritus, 16 Oct, 0943 - SS news over ticking clock and many mentions of Cuban towns; fair [JF].
- 970 COLOMBIA R. *Super*, Bogotá, 16 Oct, 0919 - SS ad for an establishment in Bogotá, ads and LA music; poor [JF].
- 970 VENEZUELA *Mundial Oriental*, Barcelona, 23 Oct, 0144 - Romantic SS music and "Mundial Oriental" ID [NK].
- 980 COLOMBIA RCN (HJES), Cali, 20 Oct, 0220 - Very strong way atop Brazilian QRM with "RCN" IDs during a soccer game [NK].
- 990 ARGENTINA R. 9-90 (LR4), Buenos Aires, 18 Oct, 0406 - Good with "Radio 9-90" ID [NK].
- 1000 BRAZIL R. *Princesa Serrana* (ZY1791), Timbaúba, 23 Oct, 2332 - Ad string, stores in Timbaúba, ID was unintelligible due to massive reverb, so slogan in presumed; SIO 322 [JB/NK].
- 1000 VENEZUELA *La Caribeña* (YVNM), Morón, 18 Oct, 0025-0029 - Briefly atop the Brazilian pest with local ads [NK].
- 1010 BRAZIL R. *AM de Povo* (ZYH635), Fortaleza, 23 Oct, 0757 - Over another Brazilian with IDs, ads, ID with call letters then "Jornal de Manhã;" SIO 444 at peak [JB].
- 1020 BRAZIL R. *CBN* (ZYH247), Maceio, 17 Oct, 2249-2252 - Several "CBN" IDs then lost under R. Margarita [NK].
- 1020 BRAZIL unID station, 22 Oct, 0605 - Over and under presumed R. Nanduti (Margarita was off I think) and QRM'd by a big growl; PP female with what sure sounds like a "Rádio Cultura" jingle; there are four R. Cultura's listed on this frequency [NK].
- 1020 PARAGUAY R. *Nanduti* (ZP14), Asunción, 18 Oct, 0448 - ID, phone chat; SIO 333-2 [JB]. 18 Oct, 0555 - Still telephone chat; SIO 332 [JB]. 24 Oct, 0846 - Political news, UTC-3 time checks, very

- nice local music; SIO 344 until clobbered by Venezuelan's sign-on [JB].
- 1020 VENEZUELA R. *Margarita* (YVRS), La Asunción, 16 Oct, 0922-0928 - LA music, used slogan "Venezuela Primero;" good [JF]. 24 Oct, 0855 - Sign-on with first Venezuelan then Estado Nueva Esparta anthems, sign-on announcements, IDs; SIO 433 [JB].
- 1030 ARGENTINA R. *Del Plata* (LS10), Buenos Aires, 17 Oct, 0248-0311 - Orchestral music ("orchester romantica") with SS announcements, pips at 0300 then more music, 0303 news program "Radionoticias del Plata," opera program featuring "Tosca" by Puccini at 0306; poor [JF].
- 1040 DOMINICAN REP. R. *Cadena de Noticias* (HION), Santo Domingo, 16 Oct, 0927 - News read by male and female announcers, jingle ID as "Radio Cadena Noticias," ads at 0930 then more news at 0932; good [JF].
- 1050 MEXICO R. *Pirata* (XEQOO), Cancún, 16 Oct, 0933 - Mexican music under WEVD, but slowly gained strength to be dominant by 0948 with time checks, ads, and IDs; SIO 433 at 0948 [JB]. 16 Oct, 0951-1000 - Weak under co-channel WEVD, SS ID, EZL Latin ballads; poor [JF].
- 1050 URUGUAY S.O.D.R.E. (CX26), Montevideo, 18 Oct, 0159 - Good with woman saying "Buenos Noches Montevideo" and joining into the Espectador Net at 0200 with "Informas Espectador" news program [NK]. 18 Oct, 0206 - SS talk and many IDs, e.g. "Radio Turistica," "Radio Telefonía," and "Radio Rural," before unequivocal ID at 0230; this sounded like a DX program; peaks to SIO 333 [JB].
- 1070 ARGENTINA R. *El Mundo* (LR1), Buenos Aires, 10 Oct, 0400 - "10-70 Informa" began with weather for Buenos Aires; SIO 422, QRM'd heavily by CBA [JB].
- 1070 COLOMBIA *Em. Atlántico* (HJAH), Barranquilla, 23 Oct, 0955 - Romantic SS tunes, time check, jingle ID; SIO 232 [JB].
- 1070 FRENCH GUIANA RFO, Cayenne, 17 Oct, 0051 - EZL FF pop music, / / 1375 St. Pierre, but not / / 640 Guadeloupe; poor [JF]. 22 Oct, 0330 - Atop others with 2 FF men, / / 1375 [NK]. 22 Oct, 0331 - FF report on sailing races, / / 162; SIO 322 [JB].
- 1090 BRAZIL R. *Rural de Natal* (ZYJ592), Natal, 2100 Oct 23 - Tentative; gave an ID (but slogan was unreadable) which said "1270 kHz;" there is a Natal station on 1270...is this a frequency change? I suspect Natal from early fade-in of this eastern Brazilian [NK].
- 1100 ANTIGUA ZDK, St. Johns, 17 Oct, 0856-0930 - Tentative; British-accented talk, EE news at 0900, local weather at 0906, short newsmagazine program, easy listening gospel music at 0910; fair [JF].
- 1100 BRAZIL R. *Globo* (ZYK694), São Paulo, 9 Oct, 2134 - IDs, sport talk; SIO 343 [JB].
- 1110 ARGENTINA R. *Municipal* (LS1), Buenos Aires, 18 Oct, 0504 - Woman reading numbers (maybe lottery), notices and weather, ID and station phone numbers; SIO 333 [JB]. 21 Oct, 0219 - Probably this with classical music (Buenos Aires Philharmonic Orchestra), no real ID at 0300, just slogan "La Radio de la Ciudad," then rock music program; SIO 444 [JB].
- 1120 ARGENTINA R. *Atlántica* (LU6), Mar Del Plata, 17 Oct, 0017 - Sports play-by-play, local ads at 0028; SIO 343 [JB].
- 1130 BRAZIL R. *Nacional* (ZYJ460), Rio de Janeiro, 18 Oct, 0241 - Many IDs, but mixing with R. Nacional de Montevideo in SS; SIO 322 [JB].
- 1130 URUGUAY R. *Nacional de Montevideo* (CX30), Montevideo, 18 Oct, 0245 - Mainly chat hosted by woman, often using only the slogan "La Trenta," but became very clear after the Venezuelan signed-off at 0401 and full ID was noted at 0403; lots of QRM earlier, but SIO 444 at 0403 [JB].
- 1130 VENEZUELA R. *Ideal* (YVRL), Maiquetía, 16 Oct, 0911 - Romantic music, ads, ID at 0913; SIO 322, QRM'd by WBBR [JB]. 23 Oct, 0938 - Rock music, IDs and promos at 0943, "La Emisora del Amor;" SIO 444 [JB].
- 1150 ARGENTINA unID station, 17 Oct, 0400 - News, local event in "Plaza de Mayo" and possible temperature in Buenos Aires, then program of music and phone chat (subject: mothers) hosted by a woman, mentioned "Frecuencia del Aire" with time checks (UTC-3), ID'd as both "Radio Continental" and "Radio Nacional" - I'm confused! SIO 333 [JB]. 24 Oct, 0903 - Man yelling something about "el pueblo de hoy" then played spirited accordion music, woman host welcomed some guests, more bumpy accordion pieces; clobbered by FF QRM by 0915, SIO 333 at peak [JB].
- 1150 BRAZIL R. *CBN* (ZYL283), Belo Horizonte, 17 Oct, 0340 - "CBN Madrugada" news faded up over SS religion; SIO 433 [JB]. 20 Oct, 2340 - Many "CBN" IDs atop presumed ZYK656 [NK]. 24 Oct, 0219 - Interviews, "CBN Madrugada" at 0233, / / 860; SIO 222 [JB].
- 1150 BRAZIL R. *Mundial* (ZYK656), São Paulo, 22 Oct, 0457-0502 - Mostly atop SS and ZYL283 with IDs as "Mundial" and "Mundial, La Voz Amiga" [NK].
- 1160 ANTIGUA *Caribbean* R. *Lighthouse*, St. John's, 22 Oct, 0100 - Enormous signal ending religious program with "Caribbean Radio Lighthouse" ID [NK].
- 1160 BERMUDA VSB3, Hamilton, 19 Oct, 0835 - BBC WS program; SIO 222 [JB]. 23 Oct, 1007 - BBC

- WS news; SIO 242 with local noise [JB].
- 1160 UNID R. *Unica*, 19 Oct, 0835 - Perhaps a domestic station; slightly stronger than co-channel Bermuda, SS interviews, ID at 0842; SIO 322 [JB].
- 1170 ARGENTINA R. *Mi País*, Hurlingham, 21 Oct, 0356 - Noted ID in a jumble of SS and PP signals; SIO 222-1 [JB].
- 1170 COLOMBIA *Caracol Colombia (HJNW)*, Cartagena, 23 Oct, 0935 - Colombian news item, "Caracol" IDs; SIO 343 [JB].
- 1180.03 BRAZIL R. *Capital?*, unknown location, 19 Oct, 0402 - Brazilian seemed to ID quite clearly as "Rádio Capital" a couple of times, but I have no information about a Brazilian station on 1180 kHz using this slogan; SIO 232 [JB].
- 1190 ARGENTINA R. *América (LR9)*, Buenos Aires, 17 Oct, 0144-0151 - Tango-style romantic vocal music, male announcer mentioned "Música Clásica," this style of programming suggested a style from the 1930's being broadcast from a glamorous dance lounge; good [JF]. 17 Oct, 0144 - Old-fashioned SS music then announcement of a classical music competition in Buenos Aires; SIO 443 [JB]. 18 Oct, 0245 - Atop with SS man "Ahora...en América" and local mentions [NK]. 20 Oct, 0245 - Atop with "Provincia de Buenos Aires" mention [NK]. 23 Oct, 0040 - Ads for Argentinean companies; SIO 444 briefly [JB].
- 1190 BRAZIL R. *CBN (ZYJ594)*, Natal, 23 Oct, 0042 - R. América faded down leaving PP news, ID; SIO 322 [JB].
- 1190 UNID 10 Oct, 0905 - SS with mellow romantic songs, caught bit of canned slogan under WLIB: "...ondas del verdad, 11-90 kiloHertz, la verdadera en emisión radial..."; SIO 222 [JB].
- 1200 VENEZUELA R. *Tiempo (YVOZ)*, Caracas, 17 Oct, 0922 - Time check for UTC-4, LA music and SS IDs; fair [JF]. 19 Oct, 0851 - SS religious talk, how to get spiritual help in Caracas; SIO 333 [JB].
- 1230 BRAZIL R. *CBN*, location unknown, 22 Oct, 0523 and 23 Oct, 0111 - IDs briefly through strong ZYJ816; two possible locations, Joao Pessoa was IDed here with old format in a prior year [NK].
- 1230 BRAZIL R. *Guararema (ZYJ816)*, São Jose, 22 Oct, 0504-0507 - Unusually loud with enormous signal with many IDs and "Guararema de Madrugada" program [NK].
- 1240 BRAZIL R. *Capibaribe (ZYI774)*, Recife, 17 Oct, 2110-2115 - Many local ads during nice sunset enhancement of eastern Brazil; huge signal [NK]. 17 Oct, 2113 - Talk about the "Copa de Pernambuco," really good fade up at 2126 with 2 IDs and ad string; SIO 444 [JB]. 17 Oct, 2114 - PP talks and IDs as Brazilian stations start to fade in; good [JF].
- 1240 VENEZUELA R. *Nacional (YVNV)*, Punta Tumatey, 22 Oct, 0442 - Atop with "Radio Nacional de Venezuela" ID [NK].
- 1250 ARGENTINA AM 1250, Rafael Castillo, 19 Oct, 0400 - Mostly atop the CBN Brazilian with Argentine-sounding SS man giving two "AM-1250" IDs then a woman and Argentine - - - pips [NK].
- 1250.04 BRAZIL R. *CBN (ZYI218)*, Vitória, 17 Oct, 0159 - Promo for "CBN na Madrugada," ID and jingle; SIO 332 [JB]. 19 Oct, 0259 - PP news, ID; SIO 333 [JB]. 19 Oct, 0426 - Strong with "Jornal de CBN" program [NK].
- 1270 ARGENTINA R. *Provincia de Buenos Aires (LS11)*, Buenos Aires, 19 Oct, 0244 - ID, Argentinean music; SIO 332 [JB]. 23 Oct, 0230-0233 - So strong in auroral conditions that I needed to phase it to hear CJC; local mentions of La Plata and Buenos Aires and local BKB scores and ID [NK].
- 1270 BRAZIL R. *Continental (ZYJ474)*, Campos, 23 Oct, 2354 - Pop and country & western songs, many "Continental" slogans; SIO 333-2 with QRM from SS stations and CJC [JB].
- 1280 PUERTO RICO *NotiUno / R. Centro (WCMN)*, Arecibo, 21 Oct, 0942 - News and "NotiUno" ID, fading away quickly; SIO 333-2 [JB].
- 1290 VENEZUELA R. *Puerto Cabello (YVLF)*, Puerto Cabello, 19 Oct, 0243 - Several "Radio Puerto Cabello" IDs over/under Brazilian QRM [NK].
- 1300 VENEZUELA 1300 AM (YVKH), Caracas, 21 Oct, 0936 - Lively tunes, "1300 AM" ID, mention Caracas; SIO 333 [JB]. 24 Oct, 0859 - Romantic music, ID as "1300 AM" between songs; SIO 343 [JB]. 24 Oct, 0950 - Local music, ID; SIO 243 [JB].
- 1310 BRAZIL R. *Cidade Esperança (ZYI691)*, Esperança, 18 Oct, 2200 - Good with ID then "Musica, Desportes, Noticias..." but soon lost under another Brazilian [NK]. 20 Oct, 2300 - Good with "Rádio Cidade Esperança" ID [NK].
- 1310 MARTINIQUE RFO, Fort de France, 19 Oct, 0230 - Fair with 2 FF women talking atop PP and SS QRM [NK]. 19 Oct, 0235 - FF talk, French-from-France accent; SIO 332 [JB]. 23 Oct, 0900 - "France Inter" heard then FF news and sports; SIO 322 [JB].
- 1320 BRAZIL R. *Regional (ZYH597)*, Sobral, 22 Oct, 2159 - More likely this is Sobral than the other R. Regional on 1320 kHz, ZYH503, from Cícero Dantas for no other reason than Ceará stations generally come in well; "Voz do Brasil" ended, "Rádio Regional" (but no call or location that I could discern) at 2201 over theme from "Once Upon a Time in the West," then music without

- announcements; SIO 222 [JB].
- 1.120 BRAZIL UNID station, 19 Oct, 0259-0302 - Mixing with WUNO ending a PP religious program but no ID decipherable [NK]. 22 Oct, 2203 - We simply can't clearly read the ID mentioning "1320 kHz" and "Universitaria" after the ID [NK].
- 1320 PUERTO RICO *NotiUno (WUNO)*, San Juan, 19 Oct, 0159 - Jingle ID; SIO 332 [JB].
- 1320 UNID 21 Oct, 0340 - SS LA here with ballads atop WUNO with CKEC phased...some QRM from a religious PP underneath that we've also never IDed [NK].
- 1330 BRAZIL R. *Tupi (ZYK736)*, Osasco, 21 Oct, 0200 - This is now São Paulo's R. Tupi, ex 1150 kHz, with "Tupi" IDs [NK].
- 1330 BRAZIL R. *Eldorado (ZYJ621)*, Natal, 20 Oct, 2005 - "A Voz de Libertação" to 2059, ID, then into "A Voz do Brasil;" SIO 243 [JB].
- 1330 BRAZIL R. *Liberal (ZYI533)*, Belém, 18 Oct, 0235 - Loud with PP music, // 4775, and over another Brazilian with music; the Brazilian situation on 1330 was checked out extensively and yielded the following: often loud and dominant is R. Eldorado in Natal which runs religion; ZYK736 in Osasco, a São Paulo suburb, has taken over from 1150 as São Paulo's Tupi station as is heard almost as often as the religious R. Eldorado; occasionally, maybe 5-10 % of the time, ZYI533 is in there. There may be more but we were unable to ID any [NK].
- 1340.07 BERMUDA ZBM-2, Hamilton, 24 Oct, 0957 - Rock music, just before 1000 "At home, at work, or in the car, it's FM 89" then ABC news; SIO 343 initially, but faded away by 1004 [JB].
- 1340 BRAZIL *Nova São Luis AM (ZYH886)*, São Luís, 19 Oct, 0009 - ID with call including "...cobrindo todo o Maranhão, uma difusora do grupo Zildene Falcão" (owner's name); SIO 343. Rocco Cotroneo (Rio de Janeiro) phoned the station on my behalf. The address he was given differs from that in WRTH: Avenida dos Africanos 77, Areinha, São Luís, MA [JB]. 19 Oct, 0500 - Running what seemed to be a small network program as //s found later in the week on 1010 and 1570 kHz; this is a program of EE and PP music with phone-in's where the announcer asks people where they are from. I was confused at first by a São Paulo pizzeria ad and other ads; I think the singing ID slogan was "Rádio Tropical;" but Jean heard them ID earlier with a local São Luís ID and at another time AI had them break for an EE ID!! Often preceding song a couple of girls say what sounds like "Bop, Bop, Bop" [NK]. 20 Oct, 2232 - Heard in normal programming with local ads [NK]. 20 Oct, 2232 - Lots of ads for São Luís; SIO 343 [JB].
- 1340 BRAZIL R. *Planalto (ZYH661)*, Maracanaú, 18 Oct, 0038-0042 - Excellent, way atop with soccer promo and local ads and addresses [NK].
- 1340 VENEZUELA R. *Uno (YVNE)*, Caracas, 18 Oct, 2359 - Woman in SS, ID; SIO 232 with rising QRM from CJLS [JB].
- 1350 ARGENTINA R. *Buenos Aires (LS6)*, Buenos Aires, 22 Oct, 0057 - PP religion, but then switched to SS at 0058 with ID; SIO 333 [JB].
- 1360 BRAZIL R. *Bandeirantes (ZYJ464)*, Rio de Janeiro, 18 Oct, 0200 - ID with call, into religious program; SIO 444 [JB]. This one must still use the "Rádio Guanabara" slogan also, see next log!
- 1360 BRAZIL R. *Guanabara (ZYJ464)*, Rio de Janeiro, 18 Oct, 2358 - Noted this regular in passing with "Guanabara" ID [NK].
- 1370 BRAZIL R. *Atual (ZYK766)*, São Paulo, 20 Oct, 2322 - Up over R. Independência with ID; SIO 222 [JB].
- 1370 BRAZIL R. *Independência (ZYJ267)*, Curitiba, 20 Oct, 2314 - ID, song about the station, telephone chat; SIO 333 [JB]. 20 Oct, 2315 - Atop R. Atual and a 3rd Brazilian with many "Independência" singing IDs and IDs and then a short song about the station! [NK].
- 1380 MEXICO *Romántica 13-80 (XECCO)*, Mexico City, 24 Oct, 1925 - Tentative; not sure if this is the same station as the SS religion or, more likely, the schmaltzy music, but at puny level caught "Esta es X - E -...O" then essentially gone; SIO 131 [JB].
- 1390 BRAZIL R. *CBN (ZYK570)*, Campinas 19 Oct, 0437 - "CBN" IDs, // CBN all-night network, over/under LR11 from Argentina and WISA underneath that [NK]. 22 Oct, 0446 - Poor-fair with "CBN" IDs, // net [NK].
- 1390 VENEZUELA R. *Fé y Alegría (YVZA)*, Caracas, 20 Oct, 0249 "Fé y Alegría presenta..." SIO 222 [JB]. 21 Oct, 0925 - "Buenos Días Caracas" many times then nice harp music; SIO 333 [JB]. 23 Oct, 0933 - Program promo mentioned "Fé y Alegría" then Venezuelan music; SIO 333 [JB].
- 1400 UNID 21 Oct, 0258 - At least one LA SS here with CBG phased with mention of various barrios including what sounded like Barrio Elaymundo [NK].
- 1420 BRAZIL R. *Guarujá (ZYJ754)*, Florianópolis, 18 Oct, 2201 - "A Voz do Brasil" ended, ID, promo for their "Jornal Regional," IDs at 2203; SIO 332 [JB].
- 1420 VENEZUELA R. *Marabina (YVNZ)*, Maracaibo, 21 Oct, 0932 - Talk about Maracaibo, ID, jingles, many "Marabina 14-20" slogans; SIO 333 [JB].
- 1430 BRAZIL R. *Clube Paranaense (ZYJ200)*, Curitiba, 18 Oct, 0159 - Catholic religion, no real ID but

- announced a list of stations including this one (usual Brazilian heard here); SIO 332 [JB]. 20 Oct, 2354 - This regular noted in passing with a loud signal; phone call with many "Paraná" mentions [NK].
- 1430 PUERTO RICO *NotiUno* / R. *Tiempo* (WNEL), Caguas, 21 Oct, 0914 - Many "NotiUno" slogans, news; SIO 344, but faded away almost immediately [JB].
- 1430 VENEZUELA R. *Bahía* (YVTP), Puerto La Cruz, 21 Oct, 0917 - Program about medicinal plants ends, lottery numbers, time checks and IDs; SIO 444 [JB].
- 1460 BRAZIL R. *Agreste* (ZY615), Santo Antônio, 21 Oct, 2335 - Two Brazilians mixing, but this one had a clear jingle and romantic music; SIO 333-2 [JB]. 23 Oct, 2232 - "Rádio Agreste" song, accordion music; SIO 343 [JB].
- 1470 PUERTO RICO R. *Cumbre* (WKCK), Orocovis, 21 Oct, 0904 - Seemed like sign-on, many IDs, mellow vocals; SIO 333 [JB].
- 1470 URUGUAY R. *Cristal del Uruguay* (CX147), Las Piedras, 17 Oct, 0135 - Religious phone-in, ID just before big fade; SIO 332 [JB].
- 1480 BRAZIL R. *Alvorada* (ZYH508), Guanambi, 18 Oct, 2301 - Way atop WMDD with "Rádio Alvorada" and UTC-2 time check [NK].
- 1500 BRAZIL R. *Montanhesa* (ZYL215), Viçosa, 20 Oct, 2205 - Mixed with another Brazilian and R. Dos Mil with "Rádio Montanhesa" ID [NK]. 21 Oct, 2342 - Horoscopes, jingle ID at 2344; SIO 332 [JB].
- 1500 VENEZUELA R. *Dos Mil* (YVRZ), Cumaná, 21 Oct, 2341 - Ads for stores in Cumaná, lost to Brazil moments later; SIO 332 [JB].
- 1520 BRAZIL R. *Salinas* (ZY610), Macau, 20 Oct, 2229 - PP talk, "Rádio Salinas de Macau" ID; SIO 332 [JB]. 22 Oct, 2047 - Ads "en Macau" and ID before big fade; SIO 243 [JB].
- 1530 MEXICO unID station, 19 Oct, 0846 - "15-30, Su Música" slogan, anti-drugs message from Mexican government, incomprehensible jingle, then instrumental music; mainly under WSAI, SIO 322 [JB].
- 1529.58 URUGUAY R. *Independencia* (CX50), Montevideo, 22 Oct, 0245 - SS pops, at least 3 songs without announcements between the songs, but then "CX50, Radio Independencia" ID at 0259 and off rather abruptly; SIO 342 with deep fades [JB]. 22 Oct, 0258 - Separable from weak 1530 stuff with ID after SS music, into quick sign-off and carrier cut; clear "Radio Independencia ... Montevideo, Uruguay;" 250 watts at night!! [NK].
- 1540 BAHAMAS ZNS1, Nassau, 17 Oct, 0856-0930 - Tentative; soft rock and gospel music, male announcer in Caribbean-accented EE; fair [JF].
- 1550 VENEZUELA R. *Metropolitana* (YVMW), Los Teques, 21 Oct, 0910 - ID, Venezuelan music; SIO 333 [JB].
- 1570 BRAZIL R. *Cidade* (ZY1418), Aparecida do Taboado, 21 Oct, 0003 - Football play-by-play, paused to say something about the "Rádiorjornal de Aparecida do Taboado;" SIO 332 [JB]. 21 Oct, 2356 - PP talk, "Aparecida" mentioned and ID a minute later; SIO 343 [JB].
- 1570 BRAZIL R. *Sertão Central* (ZYH621), Senador Pompeu, 17 Oct, 0220-0234 - PP music with strange lyrics and male announcer, ID and mentions of Fortaleza in a phone call from a listener, phone-in requests; fair [JF].
- 1570 BRAZIL unID station, 21 Oct, 0532 - Same late night program as on 1340 with girls saying "Bop..Bop..Bop" before many songs, often takes phone calls from listeners [NK].
- 1580 VENEZUELA R. *Manzanares* (YVTK), Cumaná, 18 Oct, 0149 - Good over ZY's with "Radio Manzanares Deportes" ID [NK].
- 1590 BRAZIL R. *Santa Cruz AM* (ZY614), Santa Cruz, 18 Oct, 0002-0004 - Huge with women with ad starting "Atencion Santa Cruz" then "Rádio Santa Cruz" singing ID, and a song about the station then it seemed to sign off [NK]. 18 Oct, 0003 - Ads mentioning Santa Cruz many times, jingle then seemed to go off at 0004; SIO 444 [JB].
- 1600 BRAZIL R. *Nove de Julho*, São Paulo, 18 Oct, 2219 - PP religion, nice ID and jingle at 2232; SIO 332 [JB]. 18 Oct, 2230 - Great signal with "Rádio Nove do Julho" ID and more PP religious songs [NK]. Listed as a "Construction permit" in WRTH - it's obviously on now.
- 1620 ARGENTINA R. *Tropicana*, Buenos Aires, 18 Oct, 0143 - Good peaks with SS religion [NK]. 19 Oct, 0029 - Presumed; religious talk in SS; SIO 252-1 [JB].

Domestic DX

- 760 NY WCHP, Champlain, 9 Oct, 2212 - Woman with sign-off announcement; SIO 242 [JB].
- 820 NY WNYC, New York, 16 Oct, 0955 - "Latino USA" hosted by woman with British accent, ID and NPR news at 1000; SIO 354 [JB].
- 940 FL WINZ, Miami, 20 Oct, 0838 - "South Florida's Talk 9-40;" SIO 232 [JB].
- 1190 NY WLIB, New York, 10 Oct, 0900 - This one is now a nuisance with Caribbean-accented preach-

ing and reggae music; SIO 322 over more interesting signals [JB].

- 1380 VT WSYB, Rutland, 21 Oct, 0200 - Legal ID; SIO 222 [JB].
- 1620 NE KOIL, Bellevue, 10 Oct, 0130 - Corn Huskers vs Iowa State Cyclone football, Omaha ads, but ID at 0205 was "KKAR;" SIO 332 [JB].
- 1620 AL WPHG, Atmore, 10 Oct, 0430 - Mixing with nostalgia music (KOIL?), ID, PSA about hurricane info Web-site; SIO 322 [JB].
- 1690 CO KDDZ, Arvada, 20 Oct, 0945 - R. Disney with woman announcer and pop music; SIO 222 [JB].

Texaco Metropolitan Opera Network (via Barry Finkel)

Here is the Texaco Metropolitan Opera International Radio Network for the 1999-2000 broadcast season. Most of the stations in the U.S. and Canada are FM; here are the AM stations. Some/all of the operas are also broadcast in Europe (both eastern & western) in 27 countries; the number of broadcasts varies by country. The broadcasts are also heard in Australia, New Zealand, Egypt, Israel, Brazil, and Mexico. In Canada, the broadcasts may be carried on some CBC English and French AM stations. The Saturday broadcasts run from December 4 through April 22; most begin at 1:30 PM ELT. This information comes from *Opera News* December, 1999; the network list is dated October 20, 1999.

540	XEBACH-BC	940	WIPR-PR	1270	WCGC-NC	1450	WHDL-NY
550	KCRS-TX	1050	KTRJ-CA	1280	KVOD-CA	1470	KYUU-KS
620	KZTY-NV	1150	KWKY-IA	1290	WKNE-NH	1490	WKVT-VT
660	KGDP-CA		KVDL-TX		WFBG-PA	1510	KNNS-KS
690	KGGF-KS	1230	KBZS-CA	1310	KGMT-NE	1520	WTLN-FL
790	KXXX-KS		WSBB-FL	1340	WKOZ-MS	1540	WNWR-PA
	WLKW-RI		WSSO-MS		WRHI-SC	1550	WBFJ-NC
860	WAMI-AB		WCMC-NJ	1370	KXTL-MT		KZRK-TX
900	KBIF-CA	1240	WSYY-ME	1400	KRVZ-AZ	1560	WRIN-IN
930	KEAL-AZ		WWZQ-MS	1420	WDBF-FL	1580	KESM-MO
	KIUP-CO	1260	KBRH-LA	1430	KMRC-LA	1590	KEAS-TX
	WDLX-NC	1270	WCBC-MD				

Independent Radio (part one) "The first 25 years" By Meg Carter (from Medium Wave Circle)

In the Nineties, commercial radio has become the UK's fastest growing medium. It was not always so. Despite the industry's current success, development throughout most of its first 25 years has been at times a 'stop-start' affair. The early years of what was then known as Independent Local Radio (ILR) were characterised by bursts of growth then stagnation punctuated by periods of severe economic recession. The Eighties saw steadier growth but frequent economic uncertainty culminating in a hurry of licensing by the Independent Broadcasting Authority (IBA) which, at the end of the decade, significantly increased the number of Independent Radio (IR) services in a matter of months. Mergers, acquisitions, and ownership consolidation became features of the industry under the regulatory and licensing regime of the Radio Authority (RA) in the Nineties; the decade when commercial radio finally came of age with the arrival of regional and national commercial stations (INR) and the future possibilities promised by digital broadcasting.

Phased development

Commercial radio's evolution occurred in a number of phases. The process began with the 1972 Broadcasting Act which sanctioned the

advertisement of the first five ILR contracts to provide local, general entertainment services in London, Glasgow, Birmingham, and Manchester; a second London contract was to provide a specialist news and speech service allied with a national news service for ILR, Independent Radio News (IRN). ILR stations were originally conceived more as public services supported by advertising than the truly commercial services we are familiar with today. They were originally designed to complement rather than compete with BBC local radio and, true to the spirit of old-style interventionism, they were subject to stringent regulation.

The early years

The first of these stations, LBC, went on air in London on October 8, 1973. IRN's news service for INR began on the same day while Capital Radio launched eight days later. They were followed, within a few months, by Radio Clyde, BRMB and Piccadilly Radio. The early development of the industry, then regulated by the IBA, was dictated by the Home Office. But neither Government nor the industry regulator could protect the fledgling independent stations from the mid-Seventies' economic crisis and the three-day week. Small wonder, then, that ILR did not flourish

straight away. Although the LBA implemented a steady roll out of new contracts to meet the 1972 Act's requirements, the first wave of new commercial stations launched into severe recession. For Capital Radio and LBC, early advertising revenues, which had exceeded expectations, soon plummeted. The situation was made worse for LBC by its innovative (and costly) all-speech, news format. Carving out a clear local identity and cultivating audience loyalty were major problems. Within months, many of the newcomers were forced to introduce greater cost control and raise new investment.

Initial plans to launch 60 ILR stations - expected to achieve coverage of around 65% of the total UK population - were hampered by Government, however. In 1974, the then Home Secretary announced plans for a major review of the future of UK broadcasting and put plans for issuing further ILR contracts on hold. An investigation, to be conducted by the Annan Committee, would report in early 1977. For the time being, ILR would be limited to 19 stations - roughly equivalent to the UBC's 20 local stations at the time. The fledgling industry struggled on. The eventual publication of the Annan Report in March 1977, however, did little to end uncertainty over IR's future. The ground was laid for a new broadcasting act, but for the time being, it was unclear even whether the system would exist after 1981. It was with relief, then, that the industry greeted the Home Secretary's go-ahead in 1978 for further ILR contracts to be advertised. The plan would take the total number of services to be broadcast by 1980 from 19 to 44 with a target coverage of 80-90% of the UK population.

However, it was not until two years later, when the 1980 Broadcasting Act came into force, that firm plans for the longer term expansion of UK independent radio were confirmed. The network would be increased to 69 local radio licences, the new legislation decreed. Meanwhile, further local contracts were advertised, new stations launched on air, and the industry's advertising revenue rose.

The 'second wave'

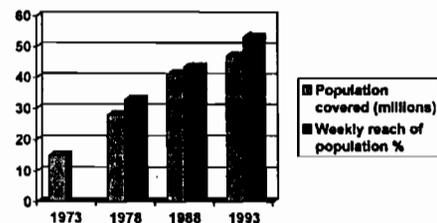
The early Eighties saw commercial radio's second wave of expansion - and another recession. The decline in national advertising suffered by many stations pushed a new emphasis onto developing a strong local revenue base. Commercial radio audiences continued to rise despite the arrival of two new TV services competing for breakfast viewing - TV-am and Channel 4. When ILR celebrated its tenth birthday in October 1988, revenue increases were ahead. New services were coming on air and the audience was continuing to rise. By the mid-Eighties, local stations again suffered uncertainty about the future long-term prospects for their businesses without any clear indication of what would happen beyond 1990. Speculation surrounding the outcome of the Peacock

Committee's deliberations on the future of British broadcasting was intense.

As the industry awaited the outcome, details of two major developments emerged. First, the Home Office confirmed further new licensing plans - for 21 'incremental' local radio stations which were eventually advertised by the IBA in 1989. These were unlike previous contracts as they were specifically designed to allow new community, ethnic and special interest stations to be developed in existing ILR areas. The first four were awarded in April 1989: two of these were in London and to Spectrum and Jazz FM. This rapid expansion in the number of stations available stimulated further interest amongst advertisers. Radio began to shed its reputation as a '2% medium' - for years it accounted for just 2% of total UK display advertising revenue. By the mid-Nineties, it was to be the fastest growing advertising medium.

Second, in February 1987 Government published a Green Paper proposing the gradual eradication of simulcasting. Initially, each IR station contract comprised an AM and FM frequency, and all stations were required to broadcast the same programmes simultaneously on both. Now, stations were able to develop different services and test alternative formats on their local FM and AM frequencies. By March 1990, 19 local radio operators had split their services in this way - soon, most of the rest followed suit.

The 1990 Broadcasting Act provided a major catalyst for the industry's growth throughout the decade. The old style approach to IR - based on the principles of TV regulation - was replaced with a lighter touch legislative policy and the arrival of a new industry regulator. Now, the RA rather than a Government department decided where new-style commercial radio licences should be advertised and when. The new body also took over responsibility for coordinating special event licences, now to be known as Restricted Service Licences (RSLs)



Growth in Independent Radio Audience

The 'third wave'

In the early Nineties, the industry saw ownership consolidate with mergers between neighboring station owners and acquisitions leading to the development of dominant independent

radio groups such as Capital Radio Group, GWR, and Emap Radio. A new phase of expansion was confirmed with the advertisement in January 1991 for the award by auction of the first Independent National Radio (INR) station to join the 74 ILR services already on air. Revised plans unveiled a further list of 27 new INR licences to be issued.

Ownership restrictions already relaxed in the 1990 Broadcasting Act were further relaxed in 1996 to attract newcomers to the industry and stimulate growth and profitability. Growth also came from new ILR services; three national stations - Classic FM, Virgin Radio and Talk Radio - and the development of regional commercial services. This expansion further fuelled audience interest in the medium and advertisers' understanding of the benefits of commercial radio has been significantly enhanced following the launch of the Radio Advertising Bureau (RAB) in 1992. The 1996 Broadcasting Act further relaxed ownership rules and introduced a framework for the introduction of digital broadcasting. Today, the industry continues to grow with more than 223 local, regional and national commercial stations licensed plus hundreds of RSLs and a large number of cable, satellite and hospital services also regulated by the RA. In March 1998, the Radio Authority invited applications for commercial radio's first national digital multiplex licence. The future beckons.

Legislative and regulatory landmarks

During its first 25 years, commercial radio - Independent Radio (IR) services previously known as Independent Local Radio (ILR) and Independent National Radio (INR) - has witnessed three key shifts in approach by the legislators, and, as a direct result, industry regulation.

Key Developments in Commercial Radio's first 25 years

1972	• Sound Broadcasting Act published • First five ILR contracts advertised
1973	• IBA Created • LBC and Capital Radio launch • First IR commercial on LBC: 80 seconds for Bird's Eye fish fingers
1974	• Annan Committee starts to review future of UK broadcasting • JICRAR established
1975	
1976	• 19 ILR stations now on air
1977	• Recommendations of the Annan Committee published
1978	• Government White paper rejected the Annan Committee's recommendations • First report of Home Office Local Radio Working Party: recommended a further 9 ILR stations
1979	• Second report of Home Office Local Radio Working Party: recommended 18 more ILR stations
1980	• Broadcasting Act receives Royal assent • Third report of Home Office Local Radio Working Party: recommended 25 more ILR stations
1981	• 26 ILR stations now on air • Home Secretary, William Whitelaw, announces approval in principle for a further 25 ILR stations
1982	• Channel 4 launches • First ILR franchise re-advertisement: London (News and Information) station
1983	• TV-am launches • IR's tenth anniversary - 36 ILR stations now on air
1984	• First Network programme - The Network Chart Show
1985	
1986	• Home Office launches low power special event radio licences, initially for two years. These were the predecessors of the short term restricted service licences.
1987	
1988	• Home Office plans new Radio Authority • Home Office sanctions ILR 'split frequencies'
1989	• 21 'incremental' radio licences advertised • Peacock Report published
1990	• Jazz FM, the first 'incremental', launched • Broadcasting Act gets Royal assent • Shadow Radio Authority established
1991	• Radio Authority established • 'INR 1' licence awarded to Classic FM • 125 commercial radio services on air
1992	• RAB launched • Plans confirmed for 5 regional licences • 'INR 2' awarded to Virgin Radio • Green Paper on the BBC's future published
1993	• Virgin Radio launched
1994	• 'INR 3' awarded to Talk Radio UK • Government announces spectrum between 105-108 MHz will be available for IR from 1998
1995	• Talk Radio launches • Relaxation of the 1990 Broadcasting Act confirmed • IR Audience share exceeds 50% of all listening for the first time
1996	• Freely radiating, low powered AM experiments for student and hospital radio - date T.B.A. • Broadcasting Act gets Royal Assent • DNH announces 225 kHz to be reassigned to IR from the BBC
1997	
1998	• First national digital commercial multiplex licence advertised • 219 IR licences issued • 2000th RSL licence issued

There has been a shift in perception from viewing IR as a 'quasi-public service' system which just happened to carry advertising to a fully commercial, highly competitive and increasingly profitable business. This corresponded with a shift from an interventionist approach to IR regulation to a 'light touch', self-regulatory environment. As a result, the approach to developing the industry altered quite fundamentally, too. While in the early days the focus was on issuing contracts for services in areas without BBC local radio and growing IR coverage of the IR population, today's licensing process is driven by the mission to broaden listener choice. Four key pieces of legislation shaped the development of the UK commercial radio industry and the regulatory environment in which it has evolved.

A public service

The 1972 Broadcasting Act laid down the foundations for today's commercial radio business. It also dictated the early approach to the sector taken by the regulator: the Independent Broadcasting Authority (IBA). The first ILR stations had to be firmly local - serving their local communities by providing all things to all listeners with a broad-based mix of general entertainment programming and news. All programme schedules had to be pre-vetted by the regulator which also had final say on a station's transmission times and any proposed changes to it. Studio standards were set by the regulator. Transmission facilities were owned and operated by the regulator. Local newspapers were directly encouraged to take a 15% interest in their local stations to ensure NR's local credentials, and a station's owners were expected to be and remain local. At this stage in the industry's development, growth in the number of services available was Government-led. Even so, the decade was dominated by the deliberations and eventual outcome of the Annan Committee which, ironically, had only a limited direct impact on the future of ILR - although it caused future planning for the industry's expansion to be put on hold for a number of years.

A Seventies system in an Eighties market

The 1981 Broadcasting Act moved forward the initial plans laid down back in 1972, rationalising and facilitating the system although not changing the original basis on which the commercial radio industry was established. This was a mixed blessing. Growth while slow was steady. Yet the industry moved through the 1980s with a system established for the decade before. Even so, the IBA's radio division made a number of significant innovations which provided an early indication of future liberalisation. For example, the 1981 Act stipulated a commercial radio programme could only be sponsored if it was based on an event that would have existed without the broadcaster's involvement. The IBA's then radio division advocated that the increasingly successful Network Chart Show should be available for sponsorship, or 'co-funding', since compilation of the chart on which it was based was an existing event. Another precursor of future liberalization came in the late Eighties when the IBA re-interpreted the 1981 Act to allow the advertisement of a new generation of incremental ILR licences.

A 'lighter touch' approach

The 1990 Broadcasting Act proved a watershed for the commercial radio business, finally translating a Seventies system implemented by an old-style, interventionist regulator into a lighter touch, self-regulatory Nineties system overseen by the Radio Authority (RA). For the first time, the industry regulator could have a free hand in

deciding where new licences should be issued independent of Government control. And for the first time, much of IR could truly be described as 'commercial radio'. While the IBA was responsible for co-ordinating and managing the industry's transmission facilities, the RA was not. While the IBA once pre-vetted all programme schedules, the RA did not. While the IBA decreed stations could carry no more than nine minutes of advertising on-air an hour, the RA allowed each station to decide for itself. Ownership rules were liberated and the groundwork for national commercial radio laid. A points system was introduced which restricted the number of stations in one of four bands (based on station size) that a single owner could control. Stations in each band-type were allocated a number of points. No owner could control more than 15% of the total number of points in the IR system at any time.

Since the 1990 Act, when a licence is advertised applicants apply with proposals of the service they would provide, which forms the basis of every licensee's promise of performance to which they must adhere. Stations could impose their own programme requirements within the applications they submitted for their licences; they could contract their own transmission facilities and studio standards. There would be no schedule pre-vetting. It is therefore a business and programme plan written by the licensee, rather than the regulator, that the RA oversees.

Further liberalisation

The 1996 Broadcasting Act introduced further liberalisation of the ownership rules. It removed the ceiling of 35 licences leaving as the overall limit 15% of total points in the IR system. It lifted restrictions on the number of licences an individual could own in a single area and allowed newspapers to own local stations in their local catchment areas but only after proposals for each passed a 'public interest test'. The 1996 Act also laid the foundations for the development of digital radio.

As a result of the legislative evolution over the past 25 years, industry regulation has steadily become 'lighter touch'. It has become motivated by the goal of increasing the provision of commercial radio services and broadening listener choice through the development of a broader range of commercial radio formats. Where once the dominant priority was to fill the geographical gaps in the ILR map, more than one local commercial service can now be found in many parts of the country, and a priority is issuing new local licences which most efficiently use the commercial radio spectrum available to enhance listener choice. Today, ILR comprises two distinct parts - the commercial sector (ILR, regional IR and INR), and the independent sector (short-term licences, student and hospital radio, cable and satellite services). The

commercial radio business is just that: a commercial business. Even so, it still adheres to its early mission to provide a service to the public. The difference today is that its interest in this is closely related to its advertisers' and investors' interests, and the newer stations tend to target niche audiences

Commercialization radio station development

The evolution of independent Radio (IR) from an initial batch of just 19 services in the Seventies to today's network of more than 223 with a combined turnover of more than £389 million (Moving Annual Total to August 1998) was at times a 'stop-start' affair. And no wonder. Throughout the early years, Government indecision concerning the future structure and anticipated size of the commercial radio sector and shifting perceptions of exactly what the role of IR should be created an atmosphere of uncertainty that dogged the fledgling industry well into the Eighties.

IR's early mission: to complement the BBC

When the old Independent Broadcasting Authority (IBA) issued the first Independent Local Radio (ILR) contracts, the idea was to complement rather than compete with BBC local radio. Contracts were first issued first in a number of areas where BBC local radio services were not yet available, which meant a number of potentially lucrative local markets - including Bristol and Leeds - were not screened by LR until the late Seventies and early Eighties. From the outset, interest in running a commercial station outstripped supply of available frequencies - eight companies applied for the first two London contracts eventually awarded to LBC and Capital Radio, four applied for the first in Birmingham, six applied for Glasgow, and three for Manchester. The initial plan was to license services in 60 localities across the UK. It was hoped that different stations would eventually carve out clearly defined identities. And it was predicted that of future contracts, few would serve communities with populations of less than 200,000.

All things to all listeners

The first ILR contracts were for the provision of broad-based local entertainment services; they were designed to provide all things for all listeners in their local catchment area. The emphasis was on a mixed programme format blending speech, music, information, and news in a continuous stream rather than in traditional, clearly-defined half-hour slots. Advertising revenue was to be a primary source of funding, although these stations would not be 'commercial' in the sense they are today.

Sponsorship was not allowed, and there would be a ceiling of nine minutes of advertising per broadcasting hour. Within little more than a year,

five self-financing companies were broadcasting commercial radio to a potential audience of 15 million. By late 1974, contracts had also been awarded for Liverpool, Edinburgh, Plymouth and Sheffield and applications were invited for Teesside and Nottingham. Six more went on air by late 1975. However, early growth soon hit a plateau when government suspended the advertisement of further contracts after the first 19.

By the late Seventies - a 'patchy presence'

As the broadcasting industry awaited the outcome of the Annan Committee's report, IR sought to consolidate its achievements so far. The combined potential adult reach of the first 19 stations was 25 million people. Station research showed 12 million of the total population covered listened to IR each week. However, without truly national coverage, ILR's patchy presence was a reason used by many national advertisers not to take the medium seriously at the time. At this time it was the Home Office not the IBA which dictated where further ILR and BBC local radio stations could be. The industry had to wait until the Government White Paper in 1978 before getting the green light for the I second phase of expansion which was eventually enshrined in law by the 1980 Broadcasting Act.

The 1980 Act included a number of key changes affecting IR - principally, the need to re-advertise contracts and gauge public opinion of services launched so far. All services contracted before January 1, 1980 would be re-advertised by December 1986 at the latest. The Act also introduced a levy and cancelled the prescriptive right of local newspapers to be invited to take a stake in their local IR services. By the time the 27th ILR station went on air an estimated 60% of the total UK population was covered.

Growth gets underway once more

In July 1981, the Home Secretary approved a further batch of 25 locations for ILR stations; the total already on air stood at 61. By the end of 1983, ILR was available to an estimated 80% of the UK population. Listening was growing steadily IR programming was also praised for its diversity and increasing innovation Programme sharing became a feature of many stations' output, which aimed at existing ILR areas. Regional licences were developed, and three national commercial stations planned. Small scale licences were issued in between existing larger licences. Meanwhile, a new breed of larger, regional licences was issued to span others. By September 1998, the Radio Authority had awarded three national commercial radio licences - Classic FM, Virgin 1215, and Talk Radio and 109 new local radio licences (including ten regionals). Arguably, the national stations have had the greatest impact on the industry's growing credibility and commercial value in recent years.

The Authority has also awarded a number of other types of licences including one additional service licence - a type of licence making use of spare capacity in an existing channel not already used by the programme service, and over 2,000 Restricted Service Licences (RSLs). RSLs are temporary usually up to 28 day -licences, typically used to trial new formats or cover special events. Other licences also to be issued virtually on demand: Licensable Sound Programme Services - provided by Cable Services and Satellite Services - provided via satellite transmission facilities. In November 1996, the RA confirmed plans to test freely radiating low powered AM services for hospital and student radio. The RA licenses 22 of the UK's 50 student services and more than 30 of 200 or so hospital radio stations. These tests began in the first half of 1997. In July 1998, the RA confirmed plans to make these low-powered AM licences available nationwide for non-commercial services covering just a single site, as long-term restricted services. This initiative offers a new lease of life for those stations relying on public institutions to

maintain expensive and out-dated equipment.

The dawning of the 'digital age'

In March 1998, the RA advertised the first and only national commercial digital multiplex licence. Closing date for applications was June 23, 1998. The national multiplex could carry about eight programme services. Some of the capacity of the multiplex could be used for data services. The three INRs currently broadcast on analogue have a guaranteed place on the national digital multiplex. One consortium, Digital One, applied. A decision will be made in the autumn. Thereafter, advertisement of local digital radio multiplex licences will commence once the mix of programmes will be provided on the national multiplex is known. The first local multiplex is expected to be advertised in the autumn of 1998. Local licences will be advertised generally in batches of three at a time to facilitate a brisk start for local digital radio around the UK with an emphasis on licensing in the main population centres first.

(To be continued)

Musings of the Members

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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.

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It's almost a year since I last MUSED about my DX. I finished the 1998-'99 DX season with 22 new catches. Amazingly, 21 of them have verified. "The one that got away" was the KNDK-1080-TEST. I left town early for Christmas and only found out about it when I got back.. It would have been a nice logging. Around year-end, I logged WAAT-750 and the WJVA-1620-Test. After CBF-690 left the air in January, I was rewarded with 4 new ones on 690: WJOX, WNZK, WOKV and WZAP. In February, loggings of WHKT-1650 and WTTM-1680 and a relog of WILM-1450 on their TEST, ended the season for me. Veries were great!! Follow-ups brought letters from KBGG-1700 and WCMQ-1700. I received replies from WJOX-690, WZAP-690, WAAT-750, WTMM-1300, WKQV-1550, WJVA-1620, WKSH-1640, KCNZ-1650, WHKT-1650, WJNZ-1680 and WTTM-1680. In August, I sent out my follow ups and quickly received prepared cards from WNZK-690, WWGB-1030, WDOT-1070, KCJJ-1630, WBAH-1660, WNML-1670 and WTDY-1670. That left WOKV-690 as the only non verifier from last winter. During the summer, I added a Kiwa loop and a Sony ICF-6500W to my shack. They sure pull in the DX! In March, I had a nice visit with NRCer DAVE WHATMOUGH of Hamilton, ON. At an ODXA event in Oakville, ON on 9/25, I caught up with MORRIS SORENSON and WAYNE PLUNKETT. In the current season, I have 5 new catches, all call changes. They are CHCM-740, WGLY-1070, WSRF-1580, WHLY-1620 and WRNC-1670. Veries are in from WSRF and WHLY. After almost 40 years of listening, my totals are 1853 logged and 1783 verified, for a 95% return. Seasons Greetings and 73.

Gerry Thomas - 3635 Chastain Way - Pensacola, FL 32504

Well, it's been a long time so maybe a brief intro is called for. I'm married with three kids (one of each, hi) and was a pretty regular contributor to the DX hobby (in one form or another) from 1978 until a couple of years ago. I started Radio Plus+ in the mid-eighties and have sold hundreds of Quantum Loops and other DX devices to fellow hobbyists since then. I also am a scientist for the Navy doing research in aerospace medicine, a job I had hoped to retire from last year but will probably continue for another three years. My main MW DX interests center around foreign DX but I also visit the utilities on SW from time to time. I also like the technical side of the hobby and enjoy designing, building, and testing DX-relevant circuits and talking shop with like-minded folks. The reason I have been out of touch the last season or two has been due to a combination of factors. Working two jobs for 17-18 years

had me slowly heading toward burn-out which was hastened by a head injury in a car accident. The lingering effects of the injury made it difficult to work my mortgage-paying job with the Navy, much less the nights and weekends needed for Radio Plus+. In the past few months I've started feeling a bit more "with it" so I've returned to the radio hobby and a limited "second job" schedule. I've made a limited number of Quantum Loops and have geared up for at least two new DX devices: the often-delayed Quantum Phaser (awaiting circuit boards) and a 15-inch version of the Quantum Loop that also covers LW. As I've returned to making loops, I'm being reminded of the frustrations that drove me batty to begin with...finding reliable suppliers of usable parts (e.g., the first shipment of MOSFETs for the loops had an elevated noise floor...try returning a batch of electronic parts some time!). Anyway, if you've requested info on R+ products in the past months or are interested in any of them, we should have some product sheets ready around the first of the year. As far as actual Dxing goes, after trying to log WI for years, I never thought that it would become a pest but WKSH-1640 pretty much owns the frequency (except for WJ_Y-Dallas/Ft. Worth Airport and some Louisiana Dept. of ??? station). Dxing the expanded band is a real treat and must be what it was like Dxing back in the 1920's. There's even some decent programming on...try the music at night on KCJJ-1630. Well, that's about it from here for now. I can be reached at email radioplus@gulf.net but my ISP is sometimes squirrely (last summer I went almost four months without email then my ISP sent over 600 emails at once!)..73's...GT

Ron Bailey (AA4S) - 420 Community Road - Shelby, NC 28152-8230

First things first. My hearty thanks to BILL and BRENDA SWEIGER for staging a most enjoyable convention in Bridgeport. FRED VOBBE and associates also did a very professional job of setting up and operating WNRC. I especially enjoyed the company of several of our members during the ride on the scenic railroad at Cass and a trip to the observatory. Thanks for driving DICK and no, I wasn't sleeping AL, I was just resting my eyes. I have to admit the dish at Greenbank was somewhat of a come-down after having been to Arecibo the previous week - I mean, if you're going to build a dish! On 11/29, I logged David Marthouse on WODI-1230 saying "here on the morning show"; it's nice to hear people on the air that you have met in person. So far this season, I've been having extremely good luck at the dials. Beginning with October 2 through November 19, there have been 36 new ones logged (16 of them graveyarders). My domestic total now stands at 1311 since I began logging in April 1992. 17 call letter changes were confirmed and 2 new (non Xband) stations were heard (WWBG-1470 and WBAJ-890). WXIT's frequency change from 1510 to 1210 was confirmed as well. By the way, WJBZ-850 is back on the air with the call letters WKVL airing sports talk. Recently, I had fun with LUKE STEELE's contest trying to log as many "K" stations as possible from 11/8 to 11/22. Conditions were rather flat (as they say on VHF) but I managed to hear 28 of the 75 or so I'd heard previously. Only "Le Zeta" KZMP-1140 was new for me. I was surprised not to be able to hear a peep out of KSL, KFI, KNBR, and several others I thought would be easy. One possible explanation emerged last Friday when I found a bad feedline on my NW beverage leaving me essentially with a 200 foot underground antenna (part of the buried feedline!). Incidentally, I've seen the latest edition of the AM Radio Log, it is a REAL work of art! Well, thanks for your time reading this, very 73! (And thank you for checking in Ron!—DWS).

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