

DX News

Serving DX'ers since 1933



Volume 69, No. 1 - October 1, 2001 (ISSN 0737-1659)

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CPC Test Calendar
 WODI VA 1230 Nov. 4 0100-????

WODI-1230 - 1230 Radio Road - Brookneal, VA 24528 will conduct a DX test from 1:00 am - ?? EST Sunday, November 4, 2001. The test will consist of Morse code, distinctive music, and voice announcements. Reception reports (with return postage) may be sent to: Dave Marthouse, owner; <<wodi@lynchburg.net>> .Arranged by Dave Marthouse for the NRC/DXAS; information via IRCA.

From the Publisher ... There's not much that can be added to what already has been said about September 11, 2001, other than we haven't received any bad news concerning NRC members who may have been affected directly by the tragedy. Pray for the victims and for swift justice in the impending conflict.

I'd like to congratulate two new publishers of DX club magazines: Rich Toebe, also an NRC member, who recently took over IRCA's *DX Monitor*, and Mike Bugaj, who (thank goodness) volunteered to take over WTFDA's *VHF-UHF Digest*, freeing me after I'd published four issues of the VUD on an interim basis.

CPC ... From our Courtesy Programs Coordinator: "Hi, I'm Blaine Thompson, the NRC's CPC/DX Test Coordinator. As you probably have seen, our friends at the IRCA have arranged a DX test with WJNT, 1180am in Jackson, Mississippi for Saturday September 29, 2001. I'm soliciting requests for stations to arrange DX tests with. This week, I will send out requests to WTHE in Mineola, NY (1520am), KEOR in Atoka, OK (1110am), KMBI in Spokane, WA (1330am), WISS in Berlin, WI (1090am), and KLLV in Breen, CO (550am). Next week I will update you with new stations I'm soliciting along with any replies I've received. If you wish to contact me, my information follows: Blaine Thompson - 6523 Emmons Drive - Fort Wayne, IN 46835-2293 - phredd@well.com."

Dues News ... Don't forget that the new NRC

dues rates (to receive *DX News*) are now as follows: \$28.00 to US addresses; \$38.00 to Canadian addresses, and \$52.00 to all others.

Publication ... Our former "Confirmed DX'er" editor, Ken MacHarg, has recently published a new book: *Inside Track: Latin America through the eyes of a Missionary Journalist*, which contains both secular and evangelical anecdotes. Copies of the book may be ordered from Kenneth D. MacHarg, Box 52-7900, Miami, FL 33152. The cost is \$7.95 plus \$2.00 shipping and handling.

DXN Publishing Schedule, Volume 69

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
2.	Oct. 5	Oct. 15	17.	Jan. 25	Feb. 4
3.	Oct. 12	Oct. 22	18.	Feb. 1	Feb. 11
4.	Oct. 19	Oct. 29	19.	Feb. 8	Feb. 18
5.	Oct. 26	Nov. 5	20.	Feb. 15	Feb. 25
6.	Nov. 2	Nov. 12	21.	Feb. 22	Mar. 4
7.	Nov. 9	Nov. 19	22.	Mar. 1	Mar. 11
8.	Nov. 16	Nov. 26	23.	Mar. 22	April 1
9.	Nov. 23	Dec. 3	24.	April 5	April 15
10.	Nov. 30	Dec. 10	25.	April 19	April 29
11.	Dec. 7	Dec. 17	26.	May 10	May 20
12.	Dec. 14	Dec. 24	27.	June 7	June 17
13.	Dec. 28	Jan. 7	28.	July 5	July 15
14.	Jan. 4	Jan. 14	29.	Aug. 2	Aug. 12
15.	Jan. 11	Jan. 21	30.	Sept. 6	Sept. 16
16.	Jan. 18	Jan. 28			

DX Time Machine

From the pages of DX News:

50 years ago ... from the October 6, 1951 DXN: Len Kruse, Dubuque, IA, submitted a list of the construction Permits for new stations that were outstanding as of Oct. 1, 1951 - a total of 98.

25 years ago ... from the October 4, 1976 DXN: Elliot Straus, Asbury Park, NY described TA conditions as "Absolutely unbelievable", having logged 42 TA's in two weeks, including Turkey-1016 for country #61.

10 years ago ... from the October 7, 1991 DXN: The front page of DXN received a new, cleaner appearance ... the Bridgeport convention report was penned by John Malicky ... and an article by John R. Taw questioned the quality control of the Drake R8.

Jerry Starr w8jv@yahoo.com
 c/o WHOT Radio
 4040 Simon Road
 Youngstown, OH 44512-1320

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

CALL LETTER CHANGES

	<i>Old call</i>		<i>New call</i>
620	CKCK	SK Regina	CKRM
900	WEMG	PA Philadelphia	WURD
970	WBCC	NC Canton	WWIT
980	CKRM	SK Regina	CKCK
1130	*New	HI Honolulu	KRUD
1180	WSAF	GA Trion	WZQZ
1310	WJRA	AL Priceville	WQAH
1310	WSSJ	NJ Camden	WEMG
1350	WTAZ	IL Peoria	WOAM
1370	KCNB	OK Holdenville	KLIS
1370	WJWS	VA South Hill	WSHV
1570	KMYZ	OK Pryor	KMUR
1680	KRJO	LA Monroe	KYEA

APPLICATIONS FOR NEW STATIONS

None

GRANTS FOR NEW STATIONS

1230	GA	Waycross: 1000/1000 U1
1570	OR	Warrenton: 50000/1000 U4

APPLICATIONS FROM EXISTING FACILITIES

1050	KTBA	AZ Tuba City: 580/85 U1
1190	KXXM	CA Anaheim: 25000/1000 U4
1190	WJES	SC Johnson: 350/115 U1
1220	KOMC	MO Branson: 1000/50 U1
1230	KYPA	CA Los Angeles: 543/543 U1
1300	CJME	SK Regina: to 94.5FM
1380	KMUS	OK Muskogee: 20000/500 U4
1380	KRKO	WA Everett: 27000/50000 U2
1430	WKDA	TN Madison: 15000/1000 U2

GRANTS TO EXISTING FACILITIES

550	WKNJ	NJ Lakeside: city of license to Harriman, NY
570	CKEK	BC Cranbrook: to 102.9 FM
640	CFOB	ON Fort Francis: to 93.1 FM (will simulcast for 6 months and then run a tape loop advising of move to FM for the next 6 months)
910	CHRL	PQ Roberval: to FM (frequency not shown)
990	WJEH	OH Gallipolis: 1000/16 (250 CH) U1
1050	CICF	BC Vernon: to 105.5 FM
1150	WGBR	NC Goldsboro: 5000/800 U4
1350	CKCI	BC Parksville: to 88.5 FM
1440	KTNO	TX Denton: 10000/370 U4
1560	KWCO	OK Chickasha: city of license to Dell City, OK

OTHERNESS

660	KGDP	CA Orcutt: application for 50000/7000 U4 is DISMISSED
1150	WSNW	SC Seneca: station is SILENT (had been operating with a temporary longwire antenna but has been taken off the air in order to construct a new site; is expected back on in March)
1160	WELX	FL Callahan: silent station is ON THE AIR
1260	KLYC	OR McMinnville: CP for 1000/850 U1 is on
1360	WWOW	OH Conneaut: CP for 5000/36 U1 is on

The NRC is growing - and you can help.

More members in the NRC means a larger DX News ... and more features and services for all members. You can help your club grow: just send the names and addresses of potential club members to the NRC - P. O. Box 5711 - Topeka, KS 66605 and we'll send them a current copy of DX News. You could start with your local AM stations' personnel! Spread the word - the National Radio Club is on the grow!



1510	WLKM	MI Three Rivers: CP for 440 D1 is on
1520	WKBZ	MI Muskegon Heights: station is SILENT
1570	KBJT	AR Fordyce: CP for 810/8 U1 is on
1570	KQWC	IA Webster City: CP for 232/137 is on

Jimmy & BKF

THANKS: Bill Hale, Ed Krejny, Shawn Axelrod, Ron Gitschier and Les Johnson
 73 and Good DX, Jerry Starr & Bufalo K. Foonman

DXN Volume Sixty-Eight Index

Yet another installment of your least-favorite column. Regular columns are not listed; however, many topics in them are indexed separately. Numbers refer to issue-page, and any errors are regretted but will not generate refunds. -pls.

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Domestic DX Digest

West: Bill Hale phantom2@eaze.net

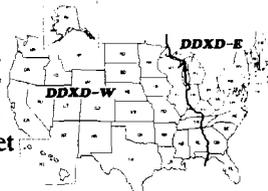
6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

East: Michael Shaw thousandislands@mediaone.net

25 Trask Ct Apt 14 - Beverly MA 01915-5370

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

- ❑ Here we go with Issue One of the new Volume Year. Hope to hear from all the old gang and plenty of new voices in the year to come!!
- ❑ Comments from the crowd: "Friday night football might be a great time to DX as the phone patch broadcasts seem to cut thru the usual satellite feeds, hi. Nothing new, but always trying. Twilight taping results (1450s above) net WIBM and WLYV, both nice catches here. I always run a tape on a second radio while DXING on the IC-R75. Hope all of us are off to a great season!"; then later: "I obviously didn't feel like DXING since Tuesday, until this morning (9-15). I talked to a woman the other day at work and saw her airline tags. She had lost six friends/acquaintances in Tuesday NY WTC stuff. Also has a daughter in the military and was up more than 35 hrs without sleep. She is a flight attendant and scared to go back to work. My heart sank to my gut. Someone always has it worse" - JJR-WI;
- ❑ Four years ago this issue, it was reported that the owners of the 710 and 810 facilities in Kansas City were about to swap frequencies. Time flies . . .
- ❑ Since this is the start of the brand-new DX season and column-year, here are the few things I ask when reporting: Please submit your report to resemble the format seen here, divided into the various categories (unIDs, TIS, etc) and use only NRC-approved abbreviations. In most cases, only a couple of additional letters either written or typed will form the entire word, leaving no doubt what you want to convey. Sort your receptions by **frequency**. Many reports come in the order you received them (by date) and it takes longer to sort things out here if written in that manner. Do not **capitalize** the city name. Dates and times are important, so remember to report using ELT in the 24-hour format. Keep your reports reasonably concise. Long, rambling narratives will be edited. And last but not least, you get to see your name in print!!! My deadlines are Wednesdays, two (2) days prior to the Topeka deadlines printed in *DX News* (not the Pub date!). This gives me time to finalize things before e-mailing the column to HQ, which works the first time on most occasions. I look forward to hearing from you, and including your DX catches and listening tips in DDXD-West. Oh . . . tell us what you heard. NOT what you didn't. Some reports are confusing.

REPORTERS

- AB-CA Art Blair Folsom NRD-515 & Kiwa loop <artblairca@prodigy.net>
- DBJ-TN David B. Jones Springfield Lowe HF-225 + Space Magnet bought 2001 NRC Convention
- GJ-CA Gary Jackson Sacramento FRG-8800 + Kiwa Loop
- EL-IL Eric Loy Champaign Drake R8 with Quantum QX <ecloy@netscape.net>
- CR-IL Christos Rigas Wood Dale Sony ICF 2010 <crigas@birinc.com>
- JJR-WI John J. Rieger South Milwaukee IC-R75 + Kiwa Loop; GE Superadio III + Terk AM1000 loop; IC-R75, Kiwa loop + MFJ-959B tuner/preamp <johnrieger@webtv.net>
- KR-AZ Kevin Redding Mesa DX-398 and Signal Magnet 2 <lwdxr@juno.com>
- MS-CA Mike Sanburn Bellflower GE Superadio <mike sanburn@hotmail.com>
- MS-MB Morris Sorensen Winnipeg Realistic DX-392 with built-in antenna <SMosor@aol.com>
- BW-OK Bruce Winkelman Tulsa R-8, Quantum Phaser, 50 ft slopers <bdwink@home.com>

STATION NEWS & NOTES

- 1240 KTAM TX Bryan-College Station - To flip from standards to regional Mexican. (www.10000watts.com)
- 1530 WMBE WI Chilton - 9/9 - Changes to sports carrying ESPN. (Radio/DX Information from Wisconsin @ http://www.angelfire.com/wi/dxing/)
- 1600 KVRI WA Blaine - 9/14/1 - Transmitter turned on 9/13, running gospel programming during the testing phase, but will run a foreign language format after it officially signs on. (am@nrcdxas.org)

UNIDs and UNID HELP

- 910 UNID ?? -9/5 2031-2047 - Fair, with SS chatter. Looping West. Who izzit? (JJR-WI)
- 1390 UNID ?? - 9/9 0633 - Poor, in WGCI null, with *Playing the best in country variety* . . . No calls. Mis-cued satellite feed. Lost. (JJR-WI)
- 1510 UNID ?? - 9/10 0135-0300 - Fair, to fading in and out, with C&W music. No commercials, never got an ID. WLAC back on at 0300. (EL-IL)

DX AND EQUIPMENT TESTS

- 710 KUET AZ Black Canyon City - 9/8 2352 - Testing and stunting at night now. Low power. (KR-AZ)

TIS & OTHER STUFF

- 1550 R. Cadillac IL Chicago - 8/19 1533 - Good, while driving on I-94, near North Avenue, with *Radio Cadillac* jingles and opera music. Used to be *Old Navy Radio* billboard audible in this area on this frequency. Looks like Radio Cadillac took over. (CR-IL)
- 1620 WNYB218 IL Glen Ellyn - 9/7 1030 - Fair, mixing with the Bensenville TIS, while driving on Army Trail Road right near the WSCR tower in Bloomingdale, Illinois. Continuous loop announcement about the Village of Glen Ellyn emergency warning system. (CR-IL)



MIDNIGHT TO MIDNIGHT ELT

- 540 KNAK UT Delta - 9/8 0825 - With *Jerry Baker's* gardening show. (KR-AZ)
- 560 KLZ CO Denver - 9/17 0515 - With an ad for their business program, then into *Just Like Romeo and Juliet*. (KR-AZ)
- 590 KCSJ CO Pueblo - 9/8 2341 - With sports scores, and talking about *Fresno State University's* big defeat of *University of Wisconsin* in football. (KR-AZ)
- 600 CKAT ON North Bay - 9/17 0534 - Good, above unID C&W station, with local ads. (EL-IL)
- 610 CKTB ON St. Catherines - 9/17 0541 - Very good and atop, with ads, local newscast, *News Talk 610*. (EL-IL)
- 660 KTNN AZ Window Rock - 9/8 2343 - *Northern Arizona University Lumberjacks vs Stephen F. Austin University Lumberjacks* football game. Score NAU 10 SFAU 0. (KR-AZ) [I'll bet the Lumberjacks won that game, hi - Ed.]
- 710 KEEL LA Shreveport - 9/11 0725-0730 - With *News Radio 7-10 Keel*, station promos, ads and into *Paul Harvey* news. Over/under KCMO/XEDP. First logging of this one in a while. (BW-OK)
- 740 KRMG OK Tulsa - 9/6 2140 - *Broken Arrow vs Union* college football. (DBJ-TN)
- 780 KKOH NV Reno - 9/5 0011 - With Michael Reagan. First time heard in months. KAZM Sedona, which I like and has stereo, was on . . . *special Diamondbacks* baseball power allotment, many times covering KKOH. (KR-AZ)
- 790 KGHL MT Billings - 9/19 0448 - Playing *Dixie Chicks*, then ID and an ad for *UAP Feed*. At 0449 Montana Ag Network. They have been in with decent strength here lately. (KR-AZ)
- 900 CKBI SK Prince Albert - 9/16 0714 - Poor, over all, with *Country 900 CKBI*. Nice visitor from the North! (JJR-WI)
- 910 WFDF MI Flint - 9/9 2035 - Fair and alone, with WGTO nulled. *News Talk 910 WFDF*. (JJR-WI)
- 910 WAKO IL Lawrenceville - 9/6 0600 - Sign-on with local news, [??] and sports. (DBJ-TN)
- 920 CFRY MB Portage-La-Prairie - 9/17 0628 - Very loud and alone, with C&W, ID CFRY 920 AM and ??? *FM Real Country Radio*. First time here. (EL-IL)
- 930 WBEN NY Buffalo - 9/6 0610 - Local [??], news, sports, and traffic report. Good. (DBJ-TN)
- 940 WMIX IL Mount Vernon - 9/6 2145 - *Tony Bennett* song, *Because of You*. Good. (DBJ-TN)
- 940 CINW QC Montreal - 9/10 2103 - Fair-to-good, with EDT time check, local Montreal news, several mentions of *940 News* and into business report. Only second time heard here. (MS-MB)
- 940 CJGX SK Yorkton - 9/19 0203 - Giving CFL scores, which is what made my ears pick



- up and listen closely. Then weather report, and ID at 0205, when it was overtaken by an XE. (KR-AZ)
- 960 KCTK AZ Phoenix - 9/9 0151 - With University of Arizona Wildcats vs Idaho Vandals football game. (KR-AZ)
- 960 WTCH WI Shawano - 9/9 2032 - Fair, with WSBT nulled. Local ads 'til fadeout. Rare here. (JJR-WI)
- 990 CKGM PQ Montreal - 9/20 0549 - Poor but steady, in CBW null (Q-Multiplied up), with sports news, local ads, *The Team*. Rare these days. (EL-IL)
- 1010 KSIRt CO Brush - 9/5 0020 - Fair with end of Rockies game, Cools ads, local ads, ESPN programming after that. No ID. Tentative. (JJR-WI)
- 1060 WIXC FL Melbourne - 9/17 0622 - Surprise and loud, with mention of the Melbourne studios of the *All New Wick-see Ten-Sixty*, promo for upcoming Florida Network News. (EL-IL)
- 1060 KFIL MN Preston - 9/9 2030 - Poor, with KYW nulled. Sign-off; tune to FM announcement. (JJR-WI)
- 1080 KRLD TX Dallas - 9/7 0800 - With ToH ID, CBS News and *Traffic on the Eights*. (KR-AZ)
- 1090 WHGG TN Kingsport - 9/9 [no time] - *The Jokes on You* program, contest promo, Tricities Christian School, C&W music, song *Coronary is You* with Cletus P. Judd. Log says D1 10000 CH 1800. Must have forgotten to go off, I guess. (DBJ-TN)
- 1110 KEOR OK Atoka - 9/12 0657 - OC on top of KFAB into sign-on announcement at 0659: *Atoka's hometown radio station with 5000 watts of directional power*. Great to hear an actual sign-on again! First time heard since re-starting my BCB log in 12/2000. (BW-OK)
- 1140 WRVA VA Richmond - 9/7 2030 - Good, with auto race ID. (DBJ-TN)
- 1150 WLOC KY Munfordville - 9/6 2030 - Henderson County vs Harts County high school football. Good. (DBJ-TN)
- 1170 WLBH IL Mattoon - 9/15 0700 - Poor, with sign-on into weather. In with others. (JJR-WI)
- 1180 WLDS IL Jacksonville - 9/16 0700 - Poor, with Milwaukee Brewers TIS (with timely AUGUST game info? Why is this even on???) with sign-on. (JJR-WI)
- 1180 KOFI MT Kallispell - 9/19 0512 - With ad for Kelly's Main Street Furniture, ID: *KOFI Radio, Mountain Grown*, into *Help Me Rhonda* by the Beach Boys. (KR-AZ)
- 1240 KEZY CA San Bernardino - 9/9 1500 - Coming out of PSA on foster parenting. ID: *KEZY San Bernardino*. Gospel music. Ex: KLTH. (MS-CA)
- 1240 WOMT WI Manitowoc - 9/5 2300 - Poor, with ID into CBS News. (JJR-WI)
- 1260 KWYR SD Winner - 9/17 0450 - With a John Deere ad and then into a farm and market show with prices. (KR-AZ)
- 1270 WXYT MI Detroit - 9/9 2258 - Poor, but steady, with Sporting News Radio. No usual WKBF. Legal ID at :00. (JJR-WI)
- 1300 KWCK AR Searcy - 9/9 2058 - Poor, with *Continuous Country Quick 99-9*. Heard this a week ago. Former unID solved! (JJR-WI)
- 1310 WCCW MI Traverse City - 9/9 0731 - Fair, no WIBA! WCCW-WKJF *Unforgettable 13* and NOS. Not common. (JJR-WI)
- 1320 WDMJ MI Marquette - 9/7 2000 - Poor, with high school football . . . on WDMJ, a *Marathon Media station* into ads. (JJR-WI)
- 1320 KSIV MO Clayton - 9/7 1959 - Poor, with full ID to ads. In with WJAS. (JJR-WI)
- 1320 WMSR TN Manchester - 9/4 1545 - Local news, [??] by Luke Steele. Music. Good. (DBJ-TN)
- 1350 WGAD AL Gadsden - 9/5 2000 - Braves vs Expos MLB. Ads for local optometrist and State Farm Insurance. Fair, with QRM from a gospel station. (DBJ-TN)
- 1370 KDTH IA Dubuque - 9/7 2002 - Poor, with high school football . . . on the voice of the *Tri-States-1370 KDTH*. Alone. (JJR-WI)
- 1430 CHKT ON Toronto - 9/7 2200 - Good, with ID as 1430 *CHKT-Fairchild Radio*. Not new, but unusually strong, and nice to get a clear English ID from this ethnic broadcaster. (MS-MB)
- 1440 WJLL NY Niagara Falls - 9/9 2248 - Poor-to-Fair, with local ads and calls, with oldies. (JJR-WI)
- 1450 WLYV IN Ft. Wayne - 9/7 2030 - Fair, with end of REL show . . . on WLYV. Ft Wayne weather . . . Rare! (JJR-WI)
- 1450 WIBM MI Jackson - 9/5 2130 - Poor, but clear in fade up, with *ESPN Radio 1450 WIBM*,



- then web address. Not common. (JJR-WI)
- 1470 KLBT MN Brooklyn Park - 9/7 2300 - Fair. Heard partial ID as . . . and AM 1470, *Brooklyn Park*. Not common here. (MS-MB)
- 1480 KUTI WA Yakima - 8/31 0735-0753 - C&W music with tunes by Willie Nelson, Johnny Cash, and Glen Campbell. *Country KUTI* slogans. Unreadable-to-good, with co-channel QRM from KOIT. Washington #55. (AB-CA)
- 1510 WWZN MA Boston - 9/10 0135 - Fair, in WLAC open carrier, with Sporting News Radio; many IDs. (EL-IL)
- 1520 KVTA CA Port Hueneeme - 9/7 0821 - With ID, in null and under KOMA. (KR-AZ)
- 1670 WRNC GA Warner Robins - 9/9 2138 - Fair, with *The New Cat Country 97 WRNC* during WTDY fade out. (JJR-WI)



DDXD-East

The first *DDXD-East* for Volume 69 of DX News is a short column. Many of us, I suspect, have been watching quite a bit of television this week as the events in New York City, Washington and other parts of the world unfold, although radio has kept me informed all week at work and in the car.

I have notified Publisher/Editor Paul Swearingen of my resignation as editor of *DDXD-East*. The last column I will be editing is for DX News Volume 69, Number 5, with a deadline to Paul of October 26th and a publish date of November 5th. This was not an easy decision to make. Nevertheless, it is now time for another NRC member to step in and continue the column. Please notify Paul and me. All submissions I receive by e-mail or USPS after my column deadline of Tuesday, October 23rd will be forwarded to Paul.

UNID, UNID HELP, PRESUMED AND CORRECTIONS

- 1290 WCHKp GA Canton - 9/9 0500 - Very weak; "News 24 hours a day, this is *the* news station". Also, "Cherokee County's ???", then AP News. Canton is located in Cherokee County, Ga. (SC-IN)
+ 8/23 2119-2229 - C&W music, no announcements; fair to poor over WCHY. (DT-JWI)
- WCHYp GA Savannah - 8/23 2149-2230 - Disney Network. No ID heard; very poor under WCHK and WJNO. (DT-JWI)
- 1300 KVETp TX Austin - 8/23 2100-2115 - ESPN sports talk show; no ID heard. Poor. (DT-JWI)
- 1350 WGApp AL Gadsden - 7/5 2206-2235 - Play-by-play baseball on ESPN Network; only ESPN on 1350. (DT-JWI)
- 1490 WWPRp FL Bradenton - 8/5 2315-2330 - OLD; poor under WITB. (DT-JWI)
- 1690 WHTEp IL Johnston City - 7/30 2040-2105 - Sports talk show on Sports Talk Network. No ID heard, but with WPTY gone, [it's the] only one with this format. (DT-JWI)

STATION LOGGINGS

- 540 WWCS PA Canonsburg - 9/3 2100 - Radio Disney with Top of Hour ID of Canonsburg/Pittsburgh. (RWK-CT)
- 890 WKNV VA Fairlawn - 9/5 2320 - Good with woman: "890 AM now ends its broadcast day. Join us tomorrow morning for the best in today's southern gospel music on WKNV Fairlawn". (RWK-CT)
- 910 WABI ME Bangor - 9/13 2055-2120 - Station ID'ed as "Your memory station WABI", then into CNN news at the top of the hour. Prior to that it had Music Of Your Life on. Heard a commercial for "Natural Living Center" located in Bangor. The signal was fair to good. New log and new state. (BK-PA)
- 950 WROL MA Boston - 9/7 0100 - Excellent signal over WPEN with "You're listening to Praise in the Night on AM WROL - Boston's Radio for Life, a Salem Communications Station". Day power error or new permit? (RWK-CT)
- WWJ MI Detroit - 9/13 0100 - Strong in WPEN null with "Live with the latest news 24 hours a day, this is Newsradio 9-50 WWJ, an Infinity Broadcasting Station". CBS news. (RWK-CT)
- 1000 WDBE FL Jupiter - 8/3 2246-2305 - OLD; CBS News. Brief ID as "WDBF"; poor under WMVP. (DT-JWI)
- 1030 WWGB MD Indian Head - 9/11 0645 - Suddenly present with calls, location, then "What's up? This is ?? Jack and JP Morris on the all new Power 10-30, WWGB". (RWK-CT)

- 1050  WFBL NY Baldwinsville - 9/12 0640 - Ad for infomercial on speed reading, ad for Decker Motors, Jerry's carpet, weather, calls, NOS music. In WEVD null. (RWK-CT)
- 1120 WBNW MA Concord - 9/14 2000 - Framingham Flyers football, with many local ads. ID 2005 as WBNW and Beach Communications. Blowing away KMOX until fade-out around 2010. (AR-ON)
- 1160 WVNJ NJ Oakland - 9/3 2015 - Way on top with "It's Now or Never", then recorded ID "The best songs on the radio are here on the station of the stars - 11-60 WVNJ". (RWK-CT)
- WILL IL Chicago - 9/2 2330 - Syndicated programming break with local ads including spot for opportunities at WILL. Fair in mess that used to be a clear channel. (RWK-CT)
- 1170 WFPB MA Orleans - 9/8 2334 - On day power in WWVA null with program on blues music, ad for Bose, ID for WUMB and WFPB-FM, mentions of Boston Folk Festival. (RWK-CT)
- 1290 WNBK NY Binghamton - 9/10 0330 - Fair; "Start your day with Roger Neil, Art Pennard and Joe Sobel every week day morning at 5:30 AM with information you can depend on at News/Talk 1290 WNBK Binghamton". (SC-IN)
- WOMP OH Bellaire - 9/12 0500 - Weak; with ID only: "1290 WOMP Bellaire and 1340 WSTV Steubenville" and into CNN with World Trade Center attack. (SC-IN)
- WCHY GA Savannah - 9/12 0100 - Weak with "WCHY Savannah" ID by overly-enthusiastic Radio Disney female announcer. (SC-IN)
- WFBC PA Altoona - 9/15 0200 - Very weak; ID only "AM 1290 WFBC". (SC-IN)
- CJBK ON London - 9/16 0234 - Good with ID "This is 1290 CJBK in your thoughts week day mornings nine to noon with Jim Chandler on *Talk to the Town*". (SC-IN)
- WNIL MI Niles - 9/13 2140 - Very weak; "1290 WNIL" then into Bread, "Make It With You". (SC-IN)
- 1340 WOYL PA Oil City - 9/5 0600 - Fighting WWLF and others with "Newstime 7:00 on 14-50 WFRA Franklin and 13-40 WOYL Oil City..."; ABC news. (RWK-CT)
- 1430 WNSW NJ Newark - 8/16 2248-2300 - OLD pop LA music; short ID as "WNSW". Poor under UNID. (DT-JWI)
- 1580 WILA VA Danville - 9/1 2200 - "Radio station WILA Danville VA now on the air for its regular broadcast schedule. This station is owned and operated by ?? Communications Inc. Our studios and transmitters...". (RWK-CT)
- 1590 WPSN PA Honesdale - 9/7 0400 - On top running day power with "Real country means going back to when country music was real country. 15-90 WPSN Honesdale Lake area". (RWK-CT)
- 1620 WTAW TX College Station-Bryan - 9/19 2210-2400 - Overriding WHLY on car radio 60% of the time, with Houston Astros baseball. Many Astros promos and network ads. ID 2300 and 2400 as "Talk 1620 WTAW". Upsurged at 2331 with longer ID "News Talk 1620 WTAW College Station-Bryan". My last new catch from TX was the DX TEST from KETX - 1440 in 1967 !! (AR-ON)

ADDRESS UPDATES

- 970 WBGW PA Pittsburgh 200 Fleet Street, Fourth Floor, Pittsburgh, PA 15220 (412) 937-1441. (GHD-WV)
- 1340 WXKX WV Clarksburg P.O. Box 2208, Clarksburg, WV 26302-2208 (304) 624-1400. (GHD-WV)
- 1370 WVLY WV Moundsville 98 16th St., Wheeling, WV 26003-3676 (304) 233-9859. (GHD-WV)

REPORTERS

- SC-IN Steve Chappell McCordsville - Bearcat DX-1000; 3 terminated loops.
- GHD-WV G. Harley DeLeurere Hendricks - Address updates.
- RWK-CT Rick Kenneally Wilton-2 SONY ICF-2010's, SONY ICF-7600G, Quantum QX Loop, Quantum phaser; SM-2 Loop.
- BK-PA Bob Klinger New Cumberland - Radio Shack DX-398; Radio Shack loop.
- AR-ON Andy Rugg Cornwall area - 1996 Buick car radio.
- DT-JWI Don Trelford St. Ann's Bay - Kenwood R-2000; longwire NS-EW.

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

International Jim Renfrew JimRenfrew@localnet.com

DX Digest

61 Wilcox Street
Rochester, NY 14607-3832

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

Welcome to the 69th year of the National Radio Club. It is my privilege to serve you in this IDXD column. Your ideas and comments are always welcome. A few guidelines: (1) please send e-mail loggings in plain text (not html), (2) please endeavor to follow the format that you see below - those who do not are put at the end of the line, and may be delayed until a following issue. (3) Please use UTC/GMT, or at least indicate what time standard you are using if you don't know how to calculate UTC. (4) Please do not use abbreviations or "ham-speak". (5) There are no strict deadlines, but I usually prepare the column on Thursday or Friday night. Late submissions are carried to the next column.

This has been a tough week for all of us world citizens. Although much of the media coverage of the terrorist acts emphasized an American context, I was intrigued to learn while listening to various international broadcasters that citizens of at least sixty countries are among the dead or missing. So there are a lot of people around the world hurting right now. Knowledge of DX'ing, of course, gives all of us the unique ability to hear a variety of voices - domestic and international - as we strive to make sense of these terrible events and move forward in hope.

Jim

TRANS-ATLANTIC DX

- 153 GERMANY DLF Donebach, AUG 05 00406 GG news // 207 Good signal. AUG 26 0221 - Classical piano over low freq rumble. AUG 28 0132 Classical piano (over Algeria) // 755 both good. [Stromsted-MA] SEP 7 0020 - classical music; slightly over Algeria. [Connelly*rw-MA]
- 153 ALGERIA Chaîne 1, Bechar, AUG 23 0137 - // 549 & 891 with Arabic talk, flute music; good to excellent. [Connelly*H-MA] + SEP 7 0021 - Arabic vocal; over Germany. [Connelly*rw-MA]
- 162 FRANCE France-Inter, Allouis, AUG 23 0145 - man in French; good. [Connelly*H-MA] SEP 7 0001 - news in French; excellent. [Connelly*rw-MA] AUG 26 0244 - American dance music' I am never going to dance again. ..the way I danced with you..". Male vocal followed by "Smooth operator", loud! [Stromsted-MA]
- 171 MOROCCO R. Mediterranee Internationale, Nador, AUG 23 0144 - Arabic vocal with large string and drum orchestra having an "epic film soundtrack" effect; loud. [Connelly*H-MA] + SEP 6 2352 - female Arabic vocal and large orchestra; local-like ! [Connelly*rw-MA] AUG 26 0239 - Arabic rock, female vocal, good signal. AUG 28 0138 - Arabian rock, female & male vocals, deep bass with violins and guitar, Mid-Eastern style, good signal. [Stromsted-MA]
- 177 GERMANY DeutschlandRadio Berlin, Oranienburg, AUG 23 0143 - C&W / rockabilly influenced vocal; to good peak. [Connelly*H-MA] + SEP 7 0000 - woman with news in German; fair to good. [Connelly*rw-MA] AUG 26 0237 - Really wild jazz, lots of improvised drumming & bass, fair with QRN. AUG 29 2347 - Teletalk call in, two men, good signal. [Stromsted-MA]
- 180 TURKEY TRT, Polatli, AUG 23 0146 - mideast pop vocal in distant T-storm static. [Connelly*H-MA] + SEP 6 2359 - music, talk; poor. [Connelly*rw-MA]
- 183 GERMANY Europe No. 1, Felsberg, SEP 9 0235 - old-style soul vocal (Lou Rawls ?), then man in French; good. [Connelly*rw-MA]
- 189 ICELAND Rikisutvarpid, Gufuskalar, SEP 6 2359 - Scandinavian talk by man; to fair peak. [Connelly*rw-MA] JUL 31 0326 - Dance music "Alone again" followed by a fast rock tune with vocal and refrain, good signal. AUG 26 - American rock with male vocal, fair signal with aero beacon het. SEP 10 0305 - Progressive hard rock male vocal "I don't fit in...why do you worry", loud! [Stromsted-MA]
- 198 UNITED KINGDOM BBC R.4, Droitwich et al., SEP 4 0138 - talk about role of women in Korean society; fair. [Connelly*B-MA] + SEP 6 2355 - weather observations mentioning Land's End, Mull of Kintyre, other locales; excellent. Not // BBC WS - 5975 at this time. [Connelly*rw-MA] AUG 27 0300 - "BBC World Service with news, views and opinions from around the world", male EE announcer, poor signal, "DIW" beacon interference. [Stromsted-MA]
- 207 GERMANY DLF, Aholming, SEP 7 0020 - // 153 with classical music; mixed with Morocco. [Connelly*rw-MA] SEP 03 0117 - Flute concerto, good // 153 (poor) // 755 poor // 1422 fair. [Stromsted-MA]

- 207 MOROCCO RTM, Azilal, SEP 6 2350 - // 612 with Arabic female vocal, drums; very good. [Connelly*rw-MA]
- 225 POLAND Polskie R., Konstancin, SEP 7 0022 - Slavic talk by man & woman; poor to fair over "QM" beacon. [Connelly*rw-MA] AUG 26 0259 - Slow Polish dance tune with tenor vocal, strong bass then into a soft rock piece with female vocal with "QM" beacon interference, fair signal. AUG 27 0346 - Teletalk female/male with male caller-good signal. AUG 28 0126 - Slow dance music, fair signal. SEP 01 - female talk host and Female high pitched caller, then into music interval and more talk. SEP 04 2354 - Polish folk song, QRN, fair signal. SEP 10 0259 - into 6 time pips and news with music bumpers and on the scene reporter coverage of political election developments (Ukraine?) strong signal, wide open receiver. [Stromsted-MA]
- 234 LUXEMBOURG R. Luxembourg, Junglinster, AUG 23 0140 - synthesizer mood music; good. [Connelly*H-MA] + SEP 6 2356 - French talk, folk music; loud signal, but audio was somewhat mushy. [Connelly*rw-MA] JUL 31 0310 - Female FF DJ playing Rock tunes alternating French and English/American artists, good signal. [Stromsted-MA]
- 252 IRELAND Atlantic 252, Clarkestown, SEP 6 2357 - alternative dance-rock with Celtic influences; local-like. [Connelly*rw-MA] SEP 03 0212 - Heavy metal rock with vocal, loudest TA. [Stromsted-MA] SEP 21 0344 - strongest LW signal tonight with pop music, can't wait to triple the length of my wire later this fall when the corn is in. [Renfrew-NY]
- 270 CZECH REPUBLIC Cesky Rozhlas Uherske-Hradiste, JUL 31 0319 - Teletalk with male talk host to good peak. AUG 27 0353 - Teletalk male host/ male & female callers, poor to fair on peaks. AUG 31 0203 - Czech news briefs by male host, followed by local news reports then dance music with vocal, poor/ QRN. SEP 03 0327 - Teletalk, male/female talk hosts and male caller then music "Pretty Baby", fair signal. SEP 06 - More teletalk with female caller, good signal. [Stromsted-MA]
- 531 SWITZERLAND DRS-1, Beromunster, AUG 05 0337 - Swiss "um pa pa" march music, loud signal. [Stromsted-MA] SEP 7 0024 - // 774 with Spanish phone interview; fair, over others. [Connelly*rw-MA]
- 549 ALGERIA Chaîne 1, Les Trembles, AUG 23 0137 - // 153 & 891 with man in Arabic and flute music; loud ! [Connelly*H-MA] + SEP 4 0414 - energetic pop male Arabic vocal with drums and violins, talk by female DJ followed; loud. [Connelly*B-MA] + SEP 6 0025 - woman in Arabic. + SEP 7 0059 - HUGE with violins, male Arabic vocal. [Connelly*rw-MA]
- 549 GERMANY DeutschlandRadio, Nordkirchen & Thurnau, SEP 7 0025 - // 153 & 756 with classical "mood" music; under Algeria. [Connelly*rw-MA]
- 558 SPAIN RNE R.5 synchros, SEP 7 0057 - // 585 with Spanish talk; in WGAN slop. [Connelly*rw-MA]
- 567 SPAIN RNE R.5 synchros, SEP 7 0058 - seemed like Spanish talk // 585, not Ireland; poor. [Connelly*rw-MA]
- 567 IRELAND RTE Radio 1 Tullamore, AUG 22 0344 - Male EE Vocal with banjo, mountain music (bluegrass) good signal. SEP 15 0100 - News, then male EE announcer "Welcome to the Irish collection" good signal. [Stromsted-MA]
- 585 SPAIN RNE1 Madrid AUG 20 2348 - Male SS teletalk host-weak signal // 774 good. 2358 Spanish music, female vocalist. [Stromsted-MA] SEP 7 0056 - // 1017 with woman in studio & man on phone; in 590 slop. [Connelly*rw-MA]
- 603 SPAIN RNE R.5 synchros, SEP 7 0100 - // 585 with Spanish news read by woman; slightly over likely France / Madeira mix. [Connelly*rw-MA]
- 612 MOROCCO RTM, Sebaa-Aioun, SEP 6 2350 - // 207 with Arabic female vocal with drums; fair. [Connelly*rw-MA]
- 621 CANARY ISLANDS // SPAIN RNE R.1 synchros, Santa Cruz de Tenerife et al., SEP 4 0417 - fast Spanish newstalk; good. [Connelly*B-MA] + SEP 7 0007 - man & woman in Spanish with news; fair to good. [Connelly*rw-MA]
- 639 SPAIN Synchros RNE1, AUG 22 0142 - Argentine tango music, Female & male teletalk, fair signal // 585, het with 640 domestics. [Stromsted-MA] SEP 7 0008 - // 621 with woman in Spanish; fair. [Connelly*rw-MA]
- 648 SPAIN RNE R.1, Badajoz et al., SEP 7 0018 - // 774 with man & woman in Spanish; poor. [Connelly*rw-MA]
- 657 SPAIN RNE R.5, Madrid, SEP 7 0102 - // 621 with news by man & woman in Spanish; fair over WFAN slop. [Connelly*rw-MA] American rock, then SS male call-in Loud! [Stromsted-MA]
- 666 PORTUGAL RDP 1 Synchros, SEP 11 0523 - Portuguese mu-



- 675 HOLLAND R10 Lopik, AUG 31 0047 - American contemporary dance music, male vocal, fair -poor. SEP 04 0120 - Dance music, Dutch DJ then into a piano solo at 0151 (good). [Stromsted-MA]
- 675p LYBIA LJB BENGHAZI, SEP 05 2334 - Arabic religious music with drum, poor/fair signal (No Dutch signal under). [Stromsted-MA]
- 684 SPAIN RNE R.1, Sevilla, AUG 28 0145 - Male/Female SS discussions followed by fast instrumental music // 774, both poor/fair. WRKO splatter. [Stromsted-MA] SEP 6 0100 - Good signal w/two women trading off announcing - like a news broadcast rather than conversational. Time pips at top of hour then women continued. [Kennally-CT]
- 693 UNITED KINGDOM BBC R. 5, Droitwich et al., SEP 7 0012 - English talk; over unID music station. No high-side het noted, so Azores probably back on 693.0. [Connelly*rw-MA]
- 702p IRAN IRIB, Rasht, SEP 15 2337 - Male singer with tenor voice with choral group & strings, religious, Poor to fair, alone on channel. This signal faded out by 0015. RTM Morocco had other programming on 208. No other Iranian stations heard to compare. [Stromsted-MA]
- 702 SLOVAKIA Slovensko 1, Laskomer/Haniska, SEP 18 2340 - Tentative; talk and music sounded parallel to 1098, signal too weak for a definitive match. [Conti-ME]
- 711 FRANCE France Bleu, Rennes, AUG 29 0050 - good, music, same as // 864 with low freq rumble. [Stromsted-MA] SEP 7 0014 - // 1206 with soul vocal; barely over W. Sahara and its 50 Hz growl. [Connelly*rw-MA]
- 729 SPAIN RNE R.1 synchros, SEP 7 0015 - bits of Spanish talk in CKAC slop. [Connelly*rw-MA]
- 738 SPAIN RNE R.1, Barcelona, SEP 6 2342 - Spanish talk; through CHCM slop with CHWO/WJIB phased. [Connelly*rw-MA]
- 747 CANARY ISLANDS // SPAIN RNE R.5 synchros, SEP 7 0016 - Spanish talk; mixed with probable Netherlands. [Connelly*rw-MA]
- 747 HOLLAND Radio 1, Flevoland, AUG 22 0341 - Slow, dreamy music with female vocal good signal. SEP 04 0145 - Deep voiced Dutch DJ announced song by RD Taylor. Good signal. [Stromsted-MA]
- 756 GERMANY DR Ravensburg/Braunschweig, SEP 04 0117 - Flute concerto? poor signal // 153, 207 (Both good). [Stromsted-MA] SEP 6 2338 - classical music; loud, well over Spain. [Connelly*rw-MA]
- 756 SPAIN R. Euskadi Bilbao, AUG 28 0143 - Spanish music with Male SS vocal, good signal // 1197 (poor). [Stromsted-MA] SEP 7 0005 - Spanish talk; now over Germany. [Connelly*rw-MA]
- 765 SWITZERLAND RSR, Sottens, SEP 6 2335 - emotional French male vocal; to good peak. [Connelly*rw-MA] AUG 5 0254 - American rock music with vocal, fair signal, WABC splatter. 0326 "La voire Gloir" ? Male vocal, good signal. [Stromsted-MA] SEP 18 2315 - Good; Diana Ross Theme from Mahogany, light pop music. [Conti-ME]
- 765p SAUDI ARABIA RSKA, AUG 31 0048 - Koranic Holy music-poor. [Stromsted-MA]
- 774 EGYPT Abis, SEP 7 0055 - Arabic female vocal; briefly over Spain. [Connelly*rw-MA] AUG 30 0017 - tentative with two Arabic women/teletalk, dominant signal on channel. Teletalk / Arabic with RNE 1 Spanish discussion under and a third station under. SEP 04 0144 Female Arabic vocal with flute and string accompaniment. Good signal, Spain under. [Stromsted-MA]
- 774 SPAIN RNE R.1 synchros, AUG 23 0212 - woman in Spanish, then male folk vocal with acoustic guitar. [Connelly*H-MA] + SEP 6 2337 - // 855 with man & woman in Spanish; slightly over presumed Egypt & 770 slop. [Connelly*rw-MA]
- 783p SYRIA Syrian Arab Republic BC, Tartus, AUG 21 2352 - AUG 22-0005 - Arabic music, female vocal, loudest TA. [Stromsted-MA]
- 783 MAURITANIA R.Mauritanie, Nouakchott, SEP 18 2220 - Good; telephone talk in Arabic parallel 4845. [Conti-ME] SEP 6 2334 - // 4845 with Arabic talk by man, interspersed with string music; excellent. [Connelly*rw-MA]
- 792 FRANCE R. Bleu, Limoges, SEP 7 0006 - // 1206 with slow vocal; fair. [Connelly*rw-MA]
- 792 SPAIN SER, Sevilla, SEP 7 0103 - // 873 with news; loud, way over France. [Connelly*rw-MA]
- 801 SPAIN RNE R.1 synchros, SEP 7 0105 - // 738 et al. with fragment of music, then Spanish talk; mixed with second station that seemed Arabic (likely Jordan). [Connelly*rw-MA]
- 819 EGYPT General Programme, Batra, SEP 7 0019 - shrill Arabic vocal; riding up over Morocco. [Connelly*rw-MA] Presumed, General programme, Batra, Arabic Holy music, female and choir-good signal. SEP 04 0153 - Female chanting, het with WNYC, poor signal. [Stromsted-

- MA]
- 819 MOROCCO RTM, Rabat, SEP 7 0101 - clearly // 612 with news by man in Arabic; loud, over Egypt. [Connelly*rw-MA]
- 836 AZORES RDP Pico d. r., AUG 30 0029 - Modern Brazilian tune, female PP singer, guitar backing, good signal with het to France Bleu (837). [Stromsted-MA] AUG 24 0152 - group vocal, percussion; better than adjacent 837. [Connelly*H-MA] + SEP 6 2330 - blues-style vocal // Madeira-1125; good. [Connelly*rw-MA]
- 837 CANARY ISLANDS // SPAIN COPE synchros, AUG 24 0153 - woman in Spanish; poor. [Connelly*H-MA] + SEP 7 0042 - // 1296 with Spanish news; excellent, well over presumed France. [Connelly*rw-MA] AUG 23 0235 - call in Female talk host /woman caller, good signal. SEP 05 2341 - Female talk host with male caller, loud signal. [Stromsted-MA]
- 837 FRANCE France Bleu Nancy, AUG 05 0252 - Rock with vocal, loud // 711, 945, 1206, 1376, all poor to fair. [Stromsted-MA]
- 846 ITALY, RAI Radio Due, Roma, AUG 28 0114 - Operetta then piano symphonic piece-some splatter from local WEEL poor/fair. AUG 29 0053 - old recording (1930's?) Italian tenor, popular Italian song, female II DJ, fair signal into fadeout. SEP 04 0120 - Classical flute music, good signal. SEP 06 0130 - Piano Symphony, good signal. 0221 Dance music, seem to shift to popular music later at night, female vocal, fair. SEP 08 0301 - News in Italian male II announcer, poor/fair. [Stromsted-MA] SEP 11 0443 - Male Italian commentary? Fair, Choral work, good signal, Jazz-sax solo, female II DJ talk host. [Stromsted-MA]
- 855 ROMANIA R.Romania, Bucuresti, SEP 17 0155 - Fair; climactic vocal parallel 1152, mixing with RNE-Spain. [Conti-ME]
- 855 SPAIN RNE synchros, SEP 18 0135 - Good; telephone talk in Spanish, loud synchro echo. [Conti-ME] AUG 27 0415 - Classical music interlude, female SS talk, loudest TA, clear as a bell! AUG 28 0139 - Female SS discussion, bizarre synchro echoes, some to .5 sec delay!, an eerie babble of repeating words, except when Mercia station is dominant. [Stromsted-MA] SEP 6 2325 - // 1152 with man & woman in Spanish; fair to good with WEEL phased. [Connelly*rw-MA] SEP 7 0310 - Spanish with an echo from slightly out-of-synch synchros. [Kenneally-CT]
- 864 EGYPT Holy Koran R., Santah, SEP 6 2324 - Koranic male vocal; loud, now way over France. [Connelly*rw-MA]
- 864 FRANCE France Bleu, Paris, SEP 6 2322 - French talk, then slow female vocal; slightly over Egypt. [Connelly*rw-MA] AUG 27 0403 - News, poor/fair signal // 945 (poor). [Stromsted-MA] SEP 18 2230 - Good; pop French vocal parallel 1206. [Conti-ME]
- 873 SPAIN SER synchros, AUG 27 0410 - Spanish talk mixed with AFN (under)? Stromsted-MA] SEP 6 2321 - // 1575 with Spanish talk about something going on tomorrow in Salamanca; huge signal. [Connelly*rw-MA]
- 882 CANARY ISLANDS // SPAIN COPE synchros, SEP 7 0108 - // 837 with woman in Spanish; over/under UK. [Connelly*rw-MA] SEP 18 0320 - Spanish dance music over BBC. Good signal. [Stromsted-MA]
- 882 UNITED KINGDOM BBC R. Wales, Washford, SEP 7 0108 - orchestral music; evenly mixing with COPE Canaries-Spain. [Connelly*rw-MA]
- 891 ALGERIA Algiers, SEP 06 0155 - Strong signal // 153 but low modulation, Holy Koran. [Stromsted-MA] AUG 23 0137 - // 153 & 549 with man in Arabic and interspersed flute music; fair. [Connelly*H-MA] + SEP 7 0109 - // 549 with vocal, then woman in Arabic; big carrier, light audio. Something else under also had mideast-sounding music (perhaps Turkey?). [Connelly*rw-MA]
- 909 ENGLAND BBC Radio 5 Live, SEP 11 0520 - Male/Female EE in interview. [Stromsted-MA] SEP 19 0015 - Fair; telephone talk, difficult in WABI slop. [Conti-ME] SEP 7 0111 - English talk; over possible Arabic station & tough WABI slop. [Connelly*rw-MA]
- 918 SPAIN R. Intercontinental, Madrid, SEP 7 0111 - old-fashioned Spanish female vocal (romantic); fair to good. [Connelly*rw-MA]
- 936 SPAIN RNE R.5 synchros, SEP 7 0112 - // 639 with Spanish talk, teletalk; to good peak. [Connelly*rw-MA]
- 945 FRANCE France Bleu, Toulouse, SEP 6 2319 - '60s-style French male group vocal; good. [Connelly*rw-MA]
- 954 SPAIN Onda Cero, Madrid, SEP 6 2318 - man & woman in Spanish; fair to good with WROL phased.



RADIO SANTELEENSE

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PRACA DR. PEDRO LUDOVICO TEIXEIRA, 137 - CENTRO - CK. POSTAL 63 - CEP 75920-000 - SANTA HELENA DE GOIAS - GO

- [Connelly*rw-MA] SEP 18 0308 - Male SS Teletalk discussing World Trade tragedy good signal. [Stromsted-MA]
- 972 LIBYA Libyan Jamahiriya BC, Sirte, SEP 6 2317 - Arabic vocal; through WZAN slop. [Connelly*rw-MA]
- 972 SPAIN RNE-1 various, SEP 14 2322 - Fair with Spanish pop music and man and woman announcers, // to 684 and 855, and at least as good. [Dangerfield-PA]
- 981 ALGERIA Radiodif. Algerienne, Algiers, SEP 6 2227 - religious-sounding male Arabic chant: fair to good with WCAP phased. [Connelly*rw-MA]
- 981 GREECE ERA, Athens, SEP 7 0034 - // 1512 with Greek talk; fair over others. [Connelly*rw-MA]
- 999 SPAIN COPE, Madrid, SEP 6 2229 - fast Spanish teletalk; good, over slight CKBW slop. [Connelly*rw-MA]
- 1008 CANARY ISLANDS Onda Cero, Las Palmas, SEP 6 2315 - non-SER Spanish talk by woman; loud with WINS phased. [Connelly*rw-MA]
- 1017 SPAIN RNE R.5 synchros, SEP 7 0056 - // 585 with teletalk; good. [Connelly*rw-MA]
- 1035 PORTUGAL R. Nacional, Lisboa, AUG 21 0014 - Western dance tune, Male PP DJ, WBZ splatter. Fair signal. AUG 27 0420 - Light rock, fair signal. SEP 04 - Brazilian tune, Male vocal in Portuguese, fair signal. [Stromsted-MA]
- 1044 SPAIN SER synchros, SEP 4 0125 - fast monotone newstalk by man in Spanish; to fair peak. [Connelly*B-MA] AUG 21 0001 - News in Spanish - good. [Stromsted-MA]
- 1053 SPAIN COPE synchros, SEP 6 2313 - Spanish talk seemed sports-related; to fair peak over others & WEVD slop. [Connelly*rw-MA]
- 1053 UNITED KINGDOM Talk Sport synchros, SEP 7 0054 - // 1089 with English talk mentioning the Internet. [Connelly*rw-MA] AUG 30 0115 - TalkSport Female/male callers, male host-fair signal. [Stromsted-MA]
- 1062 DENMARK Danmarks Radio, Kalundborg, AUG 23 0358 - Dance music Male Danish DJ, poor/fair signal. AUG 27 0418 - light rock music, good. SEP 07 0258 - American dance music, good. [Stromsted-MA] SEP 11 0410 - American rock, good. [Stromsted-MA] SEP 17 0255 - Good; Tina Turner "Private Dancer", man in Danish with news at the top of the hour. [Conti-ME]
- 1071 SPAIN Euskadi Irratia, Bilbao, SEP 7 0053 - operatic music, Spanish talk; in bad CBA slop. [Connelly*rw-MA] SEP 11 0510 - // 756 (under DR), good signal, the first time, loud enough to pop up over CBA's big shadow. [Stromsted-MA]
- 1089 UNID, SEP 19 0057 - Test tones at regular intervals mixed with TalkSport-England, perhaps Russia signing on? [Conti-ME]
- 1089 ENGLAND Talksport Synchros, AUG 05 0324 - Male caller, low freq rumble, fair with splatter. SEP 01 0344 - "...call this number.08704 on 20/20 TalkSport". Discussion about Grand Prix and equine problems in UK. [Stromsted-MA]
- 1089 UNITED KINGDOM Talk Sport synchros, SEP 6 2309 - talk mentioning political leadership; to good peak. [Connelly*rw-MA] SEP 11 0500 - News "Why porn is good for you!..Blue movies for old residents in Denmark.etc.", Mike Hardy on Talksport, teletalk followed. [Stromsted-MA]
- 1098 SLOVAKIA R. Slovensko, Velke Zaluzie, SEP 6 2305 - Slavic female ballad vocal & piano; loud, way over Spain. [Connelly*rw-MA] AUG 05 0247 - Slavic music-male vocal, loud // 702 (poor). SEP 03 0000 - time beeps, male newscaster with news, loud! [Stromsted-MA] SEP 11 0200 - At times good against poorly-nulled WTAW-1100. At top of hour, time pips & Slovakia interval signal clearly audible. [Kenneally-CT]
- 1107 SPAIN RNE synchros, SEP 18 0020 - Good; talk in Spanish, synchro echo. [Conti-ME] AUG 23 0245 - woman in Spanish; fair. [Connelly*H-MA] + SEP 7 0052 - // 855 with man & woman in Spanish; big carrier, light audio. [Connelly*rw-MA]
- 1116 SPAIN SER synchros, SEP 7 0051 - // 1044 with musical interludes and Spanish talk; over others. [Connelly*rw-MA] AUG 21 0017, Teletalk-deep voiced male host, male caller. Fair signal AUG 23 - Teletalk, male caller/male host good // 1044 good. [Stromsted-MA]
- 1125 MADEIRA Centro Regional da RDP, Ponta do Pargo, SEP 6 2330 - // Azores-836 with blues-influenced vocal; slightly over jumble. [Connelly*rw-MA]
- 1125 SPAIN RNE R.5 synchros, SEP 6 2258 - Spanish talk, drum music; in mix with Croatia, Madeira, and possibly others. [Connelly*rw-MA]
- 1125 CROATIA Deanovic, SEP 14 0124 - Fair, with subdued music on day of mourning, and // to powerhouse 1134. [Dangerfield-PA]
- 1134 CROATIA Hrvatski R., Zadar, SEP 6 2348 - pop vocal with Beach Boys influences; excellent / dominant. [Connelly*rw-MA] AUG 21 0019 - European pop music, good signal. AUG 22

- 0337 - Croatian music with female vocal-fair signal. SEP 04 0110 - Female vocal, Euro music, very loud! Spain under. [Stromsted-MA] SEP 11 0300 - Strong even against semi-local WBBR-1130 w/talk throughout evening in Eastern European language. At top of hour, end of musical piece by percussive string instrument, 2 long pips & one really long pip, then talk by man. [Kenneally-CT]
- 1134 SPAIN COPE synchros, SEP 6 2235 - Spanish phone interview; well over Croatia's music. [Connelly*rw-MA] AUG 20 2337 - Two women in discussion, strong low frequency burr, good signal // 1143 weak // 1215 (good) // 837 good. AUG 27 0421 - Teletalk good signal. [Stromsted-MA]
- 1143 SPAIN COPE synchros, SEP 6 2258 - jazz; fair. [Connelly*rw-MA]
- 1152 SPAIN RNE R.5 synchros, SEP 6 2325 - Spanish talk // 855; fair. + SEP 7 0050 - // 774 with segment of Spanish speech, then in-studio announcer; loud. [Connelly*rw-MA]
- 1152 ROMANIA R.Romania, Cluj, SEP 17 0155 - Fair; climactic vocal parallel 855. [Conti-ME] SEP 12 0156 - Good signal, male announcer, then patriotic song with chorale // 1179, good to weak but better modulation. [Stromsted-MA]
- 1179 CANARY ISLANDS // SPAIN SER synchros, SEP 7 0047 - // 873 with fast Spanish talk; over a music station and a possible tone-tester. [Connelly*rw-MA]
- 1188 SWEDEN Radio Sweden Int, Solvesborg, SEP 11 0345 - Male Swedish announcer, reciting temp/weather, good signal. [Stromsted-MA]
- 1188p HUNGARY Magyar R, Szolnok, SEP 11 0347 - Teletalk, deep voiced male host and female caller good signal, 0238 Mills Bros nostalgic tune, weak/fair. SEP 17 - Teletalk, Balkan language/loud. [Stromsted-MA] AUG 28 0435 - Seemed to be Slavic talk, poor. SEP 03 0315 - Male Hungarian morning talk host with two women callers in heated discussion. SEP 09 2330 - As above, deep voiced Talk host, pleasant, slow delivery spoke with a female caller then male, at 2340 Slavic song, male vocal, good signal. [Stromsted-MA] SEP 18 2245 - Good; man and woman in presumed Serbo-Croatian anchoring news, over an unID station. [Conti-ME]
- 1188p IRAN IRIB Tehran, SEP 02 2355 - Holy music, Male vocal with answering chorus, chanting, Fair signal. [Stromsted-MA]
- 1197p GERMANY RFE, Munich, SEP 01 0230 - Slavic language? poor. [Stromsted-MA]
- 1206 FRANCE France Bleu, Bordeaux, SEP 11 0352 - Song "Sending out an SOS" rock with male chorus, good signal // many others. AUG 23 0325 - Western dance music, male vocal, then teletalk, male host -weak signal. [Stromsted-MA] AUG 23 0112 - uptempo French female vocal; to good peak before fading. [Connelly*H-MA] + SEP 6 2254 - "I Will Survive" by Gloria Gaynor; blasting in. [Connelly*rw-MA]
- 1215 UNITED KINGDOM Virgin R. synchros, AUG 23 0252 - Celine Dion singing "My Heart Will Go On"; over Spain. [Connelly*H-MA] + SEP 7 0046 - "One Hand in My Pocket" by Alanis Morissette; good, over Spain. [Connelly*rw-MA] SEP 12 0234 - Soft rock with male vocal, over/under presumed Kalingrad. [Stromsted-MA] SEP 17 0055 - Poor; Rod Stewart classic into news, mixing with COPE-Spain. [Conti-ME]
- 1215p KALINGRAD (RUSSIA) Voice of Russia, SEP 12 0236 - Sounded Russian, male announcer, good peak briefly over Virgin 1215. [Stromsted-MA]
- 1224 UNID, SEP 11 0410 - American rock with vocal to good peak, could be Q the Beat (Holland) or a Spanish outlet. [Stromsted-MA]
- 1251 LIBYA Libyan Jamahiriya Broadcasting, Tripoli, SEP 7 0043 - male Arabic talk, string music; over apparent Portuguese teletalker. [Connelly*rw-MA]
- 1278p IRELAND RTE Hitradio 2, Dublin/Cork, SEP 11 0458 - Likely this station, English DJ rock to fair peak at 5 am news headlines and stock market reports. [Stromsted-MA]
- 1287 SPAIN SER synchros, SEP 7 0042 - // 1044 with teletalk; poor to fair. [Connelly*rw-MA]
- 1296 SPAIN COPE, Valencia, SEP 7 0042 - // 837 with Spanish news; to good peak. [Connelly*rw-MA]
- 1314 NORWAY NRK Kvitsoy, SEP 11 0351 - Weather reports from around Norway, loud. 0422 classical piano, loud (Going into morning schedule?). [Stromsted-MA] SEP 17 0040 - Poor; Led Zeppelin folk/rock music, mixing with RNE-Spain. [Conti-ME] AUG 22 0322 - American dance music-female vocal, male DJ, good signal to peak at 0334. SEP 01 0119 - American dance music, fair signal. SEP 07 - American popular classic/ good signal. SEP 08 - Female/male hosts, news headlines then more music, to loud peak! [Stromsted-MA] SEP 7 0041 - cool jazz; slightly over Spain. [Connelly*rw-MA] SEP 11 0300 - Beautiful signal throughout night. American blues/rock. At



- top of hour, recorded ID by woman, chimes, man talking in Norwegian. [Kenneally-CT]
- 1332 ITALY Rome, SEPT 19 0419 - Radio Uno program, very good, with man and woman in Italian, but power may be less than before. [Dangerfield-PA]
- 1359 SPAIN Arganda, AUG 23 0515 - Spanish news and teletalk; loud. [Connelly*H-MA] + SEP 6 2215 - pre-sunset het fade-up. + SEP 7 0116 - man in Spanish; in CKBC slop. [Connelly*rw-MA]
- 1368 ITALY Radio Tre, various, SEPT 19 0401 - Fair, with soft classical music after the regular sign-on. Doesn't seem to go into "talk" like the other networks. [Dangerfield-PA]
- 1377 FRANCE France Bleu, Lille, AUG 13 0410 - man & woman in French; fair through slop from strong St. Pierre - 1375. [Connelly*B-MA] + AUG 24 0017 - // 1206 with mellow ballad. + AUG 24 0243 - "Clair" by Gilbert O'Sullivan; excellent, clobbering St. Pierre. [Connelly*H-MA] + SEP 6 2216 - male pop vocal over WMYF-1380 NH slop; well before sunset. [Connelly*rw-MA] SEP 17 0020 - Good; Cindy Lauper "Girls Just Wanna Have Fun" France Bleu jingle, and nostalgic French vocal. [Conti-ME] SEP 11 0115 - Clearly parallel to 1206 w/ Carpenters "It's Yesterday Once More" [Kenneally-CT]
- 1395p HOLLAND Business Nieuws Radio, Montfoort, SEP 11 0356 - American rock with vocal by the Supremes, non stop music, Good signal, I believe this is Holland as too late for Russia and unlikely Albania. First time heard here. 0513 Teletalk male MC to male caller, poor/fair. [Stromsted-MA]
- 1404 FRANCE France Bleu synchros, SEP 7 0040 - // 1206 with French disco; poor. [Connelly*rw-MA] SEPT 19 0246 - Fair, with R. Blue music // to 1377 etal, and with someone behind. Still wishing for Ajaccio, Corsica, alone here. [Dangerfield-PA]
- 1413 SPAIN RNE R.5 synchros, SEP 7 0039 - // 774 with woman in Spanish; in jumble. [Connelly*rw-MA]
- 1422 GERMANY DLF Heusweiler, SEP 06 0216 - Classical music, poor/fair. SEP 12 0210 - Piano music, followed by two male GG in discussion of World Trade disaster // 549. [Stromsted-MA] SEP 17 0005 - Fair; man in German, instrumental music parallel 153. [Conti-ME] SEP 06 0216 - Classical music, poor/fair. [Stromsted-MA] SEP 7 0038 - // 756 with violins, woodwinds. [Connelly*rw-MA]
- 1431 ITALY Radio Due, various, SEPT 19 0401 - Fair, man in Italian after sign-on, and with a better signal than RAI-1449, but stations on this freq. are only listed as using one to two KW, and am wondering if there's been a shift. Also heard a week ago. [Dangerfield-PA]
- 1458 UNID, SEP 09 0312 - Modern rock but Female DJ in Balkan language? then call-in similar to other E. European stations. [Stromsted-MA]
- 1458 ENGLAND unIDs, SEP 17 2340 - At least a couple of stations battling it out, one with pop music and talk in English. [Conti-ME]
- 1467 FRANCE TWR Roumoules, SEP 18 2215 - Good; just caught tail end of sign-off announcement in English followed by the interval signal, then off. [Conti-ME] SEP 17 0352 - Male EE? Religious program poor signal. [Stromsted-MA] AUG 13 0344 - musical-box interval signal; fair. [Connelly*B-MA]
- 1476p AUSTRIA Radio Austria, SEP 06 0150 - Classical piano music-poor/fair signal. [Stromsted-MA]
- 1485 SPAIN SER synchros, SEP 7 0035 - Spanish talk; poor with unID other signal. [Connelly*rw-MA]
- 1494 FRANCE France Bleu synchros, SEP 17 2320 - Fair; nostalgic French vocal, France Bleu jingle, pop music parallel 1206. [Conti-ME] SEPT 19 0340 - Fair, with R. Bleue light music / / to others, and again, wish that Bastia, Corsica, could be gotten alone. [Dangerfield-PA]
- 1502 ANGOLA EP de Benguela, SEP 17 2250 - Good; man in Portuguese, upbeat music, Benguela and Angola mentions into news at 2300, end of news with instrumental music at 2315, hets against 1500 and 1503. WRTH indicates 2300 sign-off. SEP 18 2225 - Portuguese vocal, again in strong early, before local sunset. [Conti-ME]
- 1512 SAUDI ARABIA BSKSA Jeddah, AUG 29 2256 - Arabic a cappella Koranic vocal, loud signal. [Stromsted-MA]
- 1512 BELGIUM Wolverton, SEPT 19 0339 - Good, with man and woman in conversation in Flemish. At least, to me it seemed Flemish. [Dangerfield-PA]
- 1512 CRETE / GREECE ERA, Chania, SEP 7 0034 - // 981 with man & woman in Greek; to good peak with WWZN phased. [Connelly*rw-MA] AUG 22 0305 - presumed, Mid-Eastern-Greek? music with vocal-in jumble, then fade-out. Kuwait loud at same time. [Stromsted-MA]
- 1521 SAUDI ARABIA BSKSA, Duba, AUG 23 0259 - interval signal (about 7 descending notes on oud); huge, trashing WWKB. + AUG 24 0305 - Koranic male vocal; local-like. [Connelly*H-MA] + SEP 6 2218 - // 9555 & 9870 with Arabic male vocal with lush strings and percussion;

- good, way over others; loudest pre-sunset TA. [Connelly*rw-MA]
- 1521 SPAIN SER, Castellon, SEP 7 0032 - Spanish teletalk; good with WWKB phased. [Connelly*rw-MA]
- 1548 KUWAIT VOA Relay, Kuwait City (Kabd), AUG 23 0122 - VOA sports report mentioning Formula 1 Auto Racing; fair through WPTR-1540 slop. [Connelly*H-MA] + SEP 7 0030 - "VOA News Now" mention, Voice of America ID, timecheck "midnight 30 UTC", then item about meeting between Shimon Peres and Yasir Arafat; good. [Connelly*rw-MA] AUG 22-0301 - VOA news and stock market troubles, male American newscaster, then female reporter. Fair signal. [Stromsted-MA] SEP 16 2325 - Good; VOA News Now in English parallel 9770 and 15305. [Conti-ME]
- 1550 ALGERIA RASD Clandestine, Tindouf, SEP 8 2303 - // 7460 with strings, muffled Arabic talk; in & out of domestic jumble. The 7460 outlet was slightly over WWCR religious broadcast. [Connelly*rw-MA]
- 1575 ITALY RAI R. Uno synchros, AUG 13 0350 - test tones, then sound of glass being tapped; ID by woman "RAI - Radiotelevisione Italiana" at 0400. Signal was mostly over SER - Spain. [Connelly*B-MA] SEPT 19 0400 - Big signal - best of the RAIs - at sign-on, with anthem, time pips, and man & woman in Italian. Way over Spanish. [Dangerfield-PA] SEP 11 0401 - Presumed, two women in Italian, may be R. San Luchino or Studio X // . 0435 female talk host to male caller over many signals. SEP 13 2357 - Teletalk, female II talk host with female caller, good signal over Spain. [Stromsted-MA]
- 1575 SPAIN SER synchros, SEP 6 2247 - Spanish newstalk; jumpy fading on signal. [Connelly*rw-MA] SEP 16 2340 - Fair; telephone talk in Spanish parallel 1521, synchro echo, over an unID station. [Conti-ME]
- 1575p KUWAIT Al Mustaqbal?, SEP 02 2344 - Two men speaking, it appeared Arabic over usual Spanish signals. [Stromsted-MA]
- 1584 CEUTA RadiOle, SEP 6 2246 - mellow female pop vocal; way over SER talker. [Connelly*rw-MA] 1557 FRANCE France Bleu, Nice, SEP 02 0229 - music and talk over jumble, good signal // 1206, 864, 837 (all poor). [Stromsted-MA] SEP 17 0037 - loud over mad jumble, good signal // 1206 fair. [Stromsted-MA] SEP 16 2335 - Good; Spanish contemporary hit music, no het received from SER-Spain. [Conti-ME]
- 1611 VATICAN SEPT 19 0419 - Huge signal at sign-on. First, woman in Italian, then brief piano interlude followed by Vatican I.S., and then a choir. After that, a man spoke in a Slav type language. I didn't note Vatican-1530 so wonder if they have reduced power as recent news articles have said would be done. [Dangerfield-PA]

Erik speaks: "It seems to me that TA DX signals are improving particularly in SEP with more openings further East. It's getting to be real fun, and fewer nights with QRN."

Ben speaks: "The last couple of nights there have been high band openings, and I have noted around 55 to 65 TA freq. each night. These signals seemed to peak at 1611 with the Vatican, then decline until they were very weak in the 500's. There were strong spots in the 1000's and 1100's, but not too much below. And the LW band had good signals in spite of a horrendous buzzing noise, traces of which could be found at a number of spots on the MW band. I called the night before last "Italian night" as several RAI stations were strong around their 0400 sign-on, and these included 1332, 1368, 1431, 1449 and 1575, as well as possibles on 1035, 1062 and 1116. The France Bleues were in too, along with a big Monte Carlo-1467, but Spain was only so-so. As usual, Croatia-1134 was the most consistent TA, and I heard them, on last week's day of mourning, playing almost nothing but classical and semi-classical music. The other most consistent stations have been Seville-684 and UK-1089. 20"

PAN-AMERICAN DX

- 526 BAHAMAS ZLS, Stella Maris SEP 1 0213 - poor to fair signal, non-stop repetition of "ZLS" using the morse code. [Chiochiu-PQ] AUG 23 0232 - "ZLS" code beacon; fair. [Connelly*H-MA]
- 530 TURKS & CAICOS R. Vision Cristiana Internacional, South Caicos, AUG 23 0234 - Spanish mentions of religious schools; excellent over 531 het. + AUG 24 1301 - English ID for 1330 NY outlet and for 530, South Caicos Island. Spanish slogans "La Emisor del Dios" and "Radio Vision Cristiana" followed. Good steady S7 daytime groundwave signal during E. Harwich testing of a "Kaz" antenna fed at both ends. [Connelly*H-MA]
- 540 COLOMBIA (t) R. Autentica, HJKA, Bogota, AUG 23 0231 - maybe this with old-fashioned Spanish religious music; mushy signal. [Connelly*H-MA]
- 550 CUBA R. Rebelde synchros, AUG 24 1006 - // 670 with excited shouting; mixed with RI & VT domestics. [Connelly*H-MA]
- 550 VENEZUELA Mundial, YVKE, Caracas, AUG 23 0229 - political speech to "el



- pueblo Venezolano", // other YV outlets; loud ! [Connelly*H-MA] SEP 18 0800 - Fair; "En Mundial" promos in CHLN null. [Conti-ME]
- 555 ST. KITTS & NEVIS R. ZIZ, Basseterre, AUG 23 0127 - live remote outdoor broadcast with announcer talking to people in the crowd; to good peak. [Connelly*H-MA] + SEP 4 0405 - "I'll Take You There" by the Staples Singers; fair. [Connelly*B-MA]
- 570 CUBA R. Reloj, AUG 24 1002 - Reloj news, ticks, beeps; over WMCA. [Connelly*H-MA]
- 580 DOMINICAN REPUBLIC R. Monte Cristi, HIAF, Monte Cristi, AUG 24 0826 - meringue music, Monte Cristi mention; over/under WKAQ. [Connelly*H-MA]
- 580 JAMAICA RJR, Galina, AUG 24 1000 - mention of "Caribbean Ministry, Box 20, Kingston 10", then "Good morning Jamaica. This is RJR"; good. [Connelly*H-MA]
- 580 PUERTO RICO R. Reloj, WKAQ, San Juan, AUG 24 0825 - Puerto Rico news; slightly over HIAF. [Connelly*H-MA]
- 580.52 unID AUG 24 1001 - very weak het; maybe the same thing Krueger in FL heard on 580.8 a while back. [Connelly*H-MA]
- 600 CUBA R. Rebelde, CMKV, Urbano Noris, AUG 23 0150 - // 670 with reverberated speech about Cuba & socialism; over glow from the YV or HJ. [Connelly*H-MA]
- 620.28 unID AUG 24 1008 - perhaps Nicaragua or other Central American here with man & woman in Spanish NOT // Cuban Rebelde outlets; splittable from ME/NJ/VT domestics on 620 before taking a quick fade. [Connelly*H-MA]
- 627.5 unID AUG 24 0823 - het; late reception time would suggest Cuba. [Connelly*H-MA]
- 630 PUERTO RICO WUNO, San Juan, AUG 24 0840 - Spanish talk about Puerto Rico events, bits of songs were featured; over WPRO. [Connelly*H-MA]
- 640 CUBA R. Progreso, Guanabacoa / Las Tunas, AUG 23 0227 - // 890 with newstalk about a visit by a Venezuelan ambassador; excellent over Spain-639 het. + AUG 24 1011 - near-dawn reception with a huge signal: R. Progreso ID (// 890) and sports-related news items mentioning many Latin American countries. [Connelly*H-MA] SEP 19 0930 - Good; "la primera hora de Radio Progreso" and news. [Conti-ME] SEP 15 0324 - Cuban instrumental music, good signal with barely a trace of WNNZ; // 890. [Chiochiu-PQ].
- 649 unID AUG 24 0956 - weak het against WSM / LA's. [Connelly*H-MA]
- 650 COLOMBIA RCN Antena Dos, HJKH, Bogota, AUG 23 0237 - sports promo with "Goooooooooal!", then Antena Dos jingle and talk about Bogota; atop second Latin American. [Connelly*H-MA] SEP 18 0750 - Fair; Antena Dos Colombia ID, salsa and banda music over WSM. [Conti-ME]
- 652.5 CUBA AUG 24 0843 - the split-freq. station noted by Terry Krueger in FL makes it to Cape Cod as a weak het against the 650 HJKH/HIAT mix. [Connelly*H-MA]
- 670 CUBA R. Rebelde, CMQ, Arroyo Arenas, AUG 23 0150 - political speech // 600; huge. [Connelly*H-MA] SEP 18 0655 - Fair; salsa music parallel 5025 in SAH. SEP 19 0920 - Good sports report with theme from Rocky intro. [Conti-ME]
- 670 VENEZUELA YVLL R. Rumbos, Caracas, Distrito Federal, SEP 15 0332 - dorbells, man in SS with "Noti-Rumbos Informa" mention. Poor signal with lots of splat from local CINF-690 (50 kW at 8 miles away!). [Chiochiu-PQ] AUG 24 0227 - several Rumbos ID's, steel band music; good. [Connelly*H-MA]
- 680 PUERTO RICO WAPA San Juan, SEP 18 0255 - Fair; infomercial, "Cadena Wapa Radio" ID and jingle in WRKO null. [Conti-ME] AUG 23 0152 - Wapa / Guapa mentions, Spanish talk in touchy null of WRKO (Dr. Laura). [Connelly*H-MA]
- 690 ANGUIILLA Caribbean Beacon, The Valley, AUG 24 0026 - // 6090 with preacher in English and, every few sentences, a translation into Spanish; good with CINF phased. [Connelly*H-MA] SEP 18 0245 - Fair; Bee Gees "Shadow Dancing" and announcement about reservations at The Cathedral, parallel 6090, in CBF null. [Conti-ME]
- 690 MEXICO, UNID, AUG 18 0325 - assumed, SS station heard at this time and at 0253 and 0400 on AUG 19 with a good signal. It played ballads and IDed several times as "Radio 690." I didn't hear any commercials. The announcer had a professional tone and voice, suggesting a metro area like Mexico City. Neither the WRTH nor the IRCA Mexican Log list a Mexican with this slogan. [Godwin-MT]
- 700 JAMAICA RJR, Montego Bay, AUG 24 0820 - thickly-accented local talkshow mentioning Negroes, World War II; over Latin Americans with WLW phased. + AUG 24 0952 - Jamaican-accent preaching; excellent, over WLW & Latins. Actual frequency measured as 699.98. [Connelly*H-MA] SEP 19 0915 - Fair; telephone talk over an unID Latin American station in WLW null. [Conti-ME]
- 710 CUBA R. Rebelde synchros, AUG 24 0847 - // 670 with Latin American pop music influenced by 1950's doo-wop; under WOR. [Connelly*H-MA] SEP 15 0411 - SS talk by a woman,

- fair in mess with WOR and CKVM. [Chiochiu-PQ]
- 730 COLOMBIA Cadena Melodia, HJCU, Bogota, AUG 24 0901 - several "en Colombia" mentions; over Charleston, SC station with CKAC phased. [Connelly*H-MA]
- 740 CUBA R. Progreso synchros, AUG 24 0853 - program "El Diario de R. Progreso"; over second Latin American and CHWO. [Connelly*H-MA]
- 750 VENEZUELA RCR, YVKS, Caracas, AUG 23 0154 - Spanish news about Venezuelan corporations and farmers; loud. + AUG 24 0902 - sign-on with Venezuelan anthem; huge, annihilating WSB. [Connelly*H-MA] SEP 18 0220 - Excellent; "Grandes ligas on-line por RCR Deportes" over CBYG. SEP 19 0900 - Good; sign-on with anthem over CBYG. [Conti-ME] SEP 15 0357 - poor-fair over/under WSB/poss. HJDK. Sign-off time: man saying "Imno Nacional interpretado por la Orchestra Symfonica de Venezuela" then into Gloria Pabo Pueblo YV anthem. [Chiochiu-PQ]
- 750 COLOMBIA HJDK Caracol, Medellín, SEP 14 0356 - Brief fading-up under WSB/YVKS with SS vocals by a man. The other Caracol channels were all filled with domestic QRM, so I was n't able to checks for //s. [Chiochiu-PQ]
- 760 COLOMBIA HJA RCN, Barranquilla, SEP 15 0403 - Ad for a CD of 60's music, RCN ID. Fair, in WJR null. [Chiochiu-PQ] AUG 23 0134 - // 1000 with fast play-by-play sports mentioning Copa America (or Americana); dominant. + AUG 24 0151 - local ID mentioning 760 kHz, RCN Barranquilla; loud. [Connelly*H-MA] SEP 18 0215 - Good; news from Bogota over an unID music station in WJR null. SEP 18 2330 - Good; "RCN, la radio de Colombia". [Conti-ME]
- 770 COLOMBIA RCN, HJJX, Bogota, AUG 23 0203 - Spanish news item mentioning Maturin, Colombia; over WABC. [Connelly*H-MA] SEP 18 0216 - Ads and news parallel 760, under WABC. [Conti-ME]
- 780 VENEZUELA R. Coro, YVMN, Coro, AUG 24 0232 - slow Spanish talk, R. Coro ID, then high-intensity advertising and jingles; loud, over CFDR and second Latin American. [Connelly*H-MA] SEP 18 0200 - Fair; salsa music, Radio Coro 780 jingle and promo, then religion, over Ecos del Torbes-Venezuela. [Conti-ME]
- 780 VENEZUELA Ecos del Torbes, YVOD, San Cristobal, AUG 24 0859 - "Ecos del Torbes presenta ..." popped up over mess. [Connelly*H-MA]
- 780 VENEZUELA AUG 23 0240 - two stations carrying the same national political speech. Surprisingly the delay between the two stations' audios was 1.5 sec. [Connelly*H-MA]
- 790 BARBADOS (t) V. of Barbados, Bridgetown, AUG 23 0213 - US soul music, Caribbean announcer; under WSKO. [Connelly*H-MA]
- 800 NETHERLANDS ANTILLES Trans-World Radio, PJB, Bonaire, AUG 23 0214 - Spanish religion, R. Transmundial mention; over jumble. [Connelly*H-MA]
- 810 BAHAMAS ZNS3, Freeport, AUG 24 0946 - black gospel music; over WGY / CJVA / LA's. [Connelly*H-MA]
- 810 CUBA R. Rebelde, Guantanamo (?), AUG 23 0221 - // 670 with Spanish talk about the Cuban government. I was surprised to hear this overriding the CJVA / WGY / ZNS3 / WKVM / HJCY melange. [Connelly*H-MA]
- 813.25 unID AUG 23 0215 - het. + noted having drifted to 812.9 on AUG 24 at 0944; perhaps Cuban. [Connelly*H-MA]
- 830 CUBA R. Reloj, AUG 24 0942 - Reloj program over WCRN & unID Latin American. [Connelly*H-MA]
- 830 ST. KITTS & NEVIS Trinity Broadcast Network, Charlestown, AUG 23 0223 - // 7510 with Black Baptist singing; way over WCRN. [Connelly*H-MA]
- 840 CUBA "W", CMHW, Santa Clara, AUG 24 0805 - program with results of voting by the audience for the better of two songs. Vocal by "La India" won. Announcer gave name of show as "Ritmo de la Noche", Santa Clara local mentions followed. Huge signal. [Connelly*H-MA]
- 850 unID, AUG 24 0940 - Spanish talk with "del Caribe" mention; under WEEL. [Connelly*H-MA]
- 860 CUBA, CMBL, Arroyo Arenas, AUG 23 0225 - running Rebelde program // 600 (but delayed about half a second). This has been noted with R. Reloj service on other occasions. Atop unID that had Colombian style accordions. [Connelly*H-MA]
- 860 VENEZUELA R. Mundial, YVOL, San Cristobal, AUG 24 0914 - "Ocho - Sesenta, Mundial" ID, folk-style music; loud. [Connelly*H-MA]
- 870 CUBA R. Reloj, AUG 24 0910 - news, clock ticks, "RR" beeps; mixed with second Spanish station and WWL. [Connelly*H-MA]



- 880 VENEZUELA R. Venezuela, Puerto Ordaz, SEP 18 0110 - Good; ID as "880, Radio Venezuela", merengue and salsa music, dominant on south wire, WCBS dominant on east wire. [Conti-ME]
- 890 CUBA R. Progreso, CMDZ, Santiago de Cuba, AUG 23 0227 - // 640 with mentions of Cuban - Venezuelan diplomatic relations; jumbled with WBPS and others. + AUG 24 0936 - Progreso ID, but running an independent program from usually // 900 at the time. [Connelly*H-MA] SEP 15 0324 - fair to good, cuban instrumental music, // 640. + SEP 15 0331 verry good to good with news, one of the news items was that "el comandante Fidel Castro" has in AUGurated a new school of formation. [Chiochiu-PQ]
- 895 ST. KITTS & NEVIS V. of Nevis, Bath Village, Nevis, AUG 24 0157 - sign-off with an anthem or hymn; audio off by 0159 but blank carrier left on. [Connelly*H-MA] + SEP 7 0110 - phone-in talkshow, Caribbean-accented presenter; fair. [Connelly*rw-MA]
- 900 CUBA R. Progreso, AUG 24 0935 - R. Progreso ID, Spanish talk; dominant. [Connelly*H-MA]
- 900 MEXICO XEW La Voz de América Latina, SEP 15 0432 - First confirmed mexican; ad for the Radiopolis web-site at http://esmas.com followed by an ad for "Eco Mexicana" then into talk pgm. Fair signal with deep fades, in a solid CHML null. [Chiochiu-PQ]
- 950 CUBA R. Reloj, SEP 13 0501 - Just the "rr" pips heard above the mush. [Kenneally-CT]
- 960 CUBA R. Reloj, AUG 24 0932 - Reloj program; over domestics and unID Latin American. [Connelly*H-MA]
- 1000 COLOMBIA RCN, HJAQ, Cartagena, AUG 23 0134 - RCN sports in Spanish // 760; over/under CKBW. [Connelly*H-MA] JUN 5 0109 - talk show format, mention "Antena", "Colombia" and "Cartagena", fair, interference from WVWI. [Trelford-JAM]
- 1000 US VIRGIN ISLANDS WVWI Charlotte Amalie, JUN 5 0140 - brief breakthrough with football play-by-play, game between Antigua and St. Thomas, fair. [Trelford-JAM]
- 1020 VENEZUELA R. Calendario, YVMX, Maracaibo, AUG 24 0203 - numerous Maracaibo local adverts; atop channel during brief fade of YVRS. [Connelly*H-MA]
- 1020 VENEZUELA R. Margarita, YVRS, La Asuncion, AUG 24 0201 - fast folk music with male group and old-style accordion, then R. Margarita ID well over YVMX / KDKA. [Connelly*H-MA]
- 1040 DOMINICAN REPUBLIC R. Cadena de Noticias, HION, Santo Domingo, AUG 24 0931 - Radio Noticias jingle; over dogpile of other stations. [Connelly*H-MA]
- 1041.22 unID AUG 24 0928 - weak het against HION. [Connelly*H-MA]
- 1100 ANTIGUA ZDK St. John's, SEP 18 0025 - Good; soca and reggae music in WTAM null. [Conti-ME]
- 1110 VENEZUELA R. Carupano, Carupano, SEP 17 0220 - Good; "Radio Carupano, patrimonio cultural" promo and salsa music. [Conti-ME] AUG 24 0241 - numerous R. Carupano ID's, then romantic music including old-fashioned waltzes; in easy WBT null. [Connelly*H-MA]
- 1136.4 unID SEP 6 2300 - wobbly carrier, weak. Not sure if Pan-American or Transatlantic in origin. [Connelly*rw-MA]
- 1160 BERMUDA VSB3, Hamilton, SEP 7 0049 - // 5975 with classical music presentation; in mix with WOBM / WVNJ / WSKW. [Connelly*rw-MA] SEP 17 0140 - Fair; pop music countdown program from BBC World Service parallel 198. [Conti-ME]
- 1170 MEXICO XEUVA, Aguascalientes, AUG 19 1200 - Agua. was weak but on top with two "La Rancherita" ID's. [Godwin-MT]
- 1180 CUBA R. Rebelde, La Habana, SEP 10 0658 - with full ID. I heard Cuban Spanish dialect and was expecting to hear R. Marti but was surprised with this. First time. [Redding-AZ]
- 1220 MEXICO XEB, Mexico DF, AUG 18 1200 - a fairly strong signal, all alone, IDing as "La B Grande de Mexico." It's unusual to hear it this late in the morning. [Godwin-MT]
- 1280 PUERTO RICO WCMN Arecibo, MAY 27 0206 - talk show in SS, Puerto Rico mentioned. [Trelford-JAM]
- 1290 US VIRGIN ISLANDS WRRR Fredericksted, MAY 27 0257 - "Coast to Coast" talk show, great ID, including transmitter location, station address, world news. Increased power? No sign of WJNO. [Trelford-JAM]
- 1300 PUERTO RICO WTLI Mayaguez, MAY 22 0140 - talk show, mention of Puerto Rico, poor. [Trelford-JAM]
- 1330 DOMINICAN REPUBLIC HIVR Santo Domingo, MAY 26 0203 - pop music, mention of "Radio Scincilla", fair. [Trelford-JAM]
- 1375 ST. PIERRE ET MIQUELON RFO St. Pierre SEP 17 0025 - Excellent; dramatic reading in French with suspenseful organ accompaniment, parallel 162. [Conti-ME] SEP 2 0227 - talk in FF between two females about North-African and Moroccan culture, followed by traditional

20

N. African music and by African-like male talk; mention of RTL which is the most popular French radio. Fair-good reception, over WFEA-1370/CKLC-1380 slop. This is country number 11 for me (!) and my first foreign DX log of the 2001-2002 DX season. SEP 15 0413 - to good peak with FF talk about the terrorism in the United States followed by a Francis Cabrel hit. [Chiochiu-PQ]

1375.02 ST. PIERRE ET MIQUELON RFO, St. Pierre, AUG 24 0306 - French hard-rock male vocal; excellent. [Connelly*H-MA]

1480 MEXICO XETKR Monterrey, MAY 19 0320 - pop music, ranchera, no ID heard, under WABB. [Trelford-JAM]

1529.6 URUGUAY (t) R. Independencia, CX50, Montevideo, AUG 24 0253 - bits of Spanish talk audible on lower sideband on this unique frequency (previously logged in NF). Noted during reduced QRM from the usual 1530 jumble (WSA1 / Sao Tome / Vatican). [Connelly*H-MA]

1530 MEXICO XEUR, Mexico DF, AUG 19 0358 - way on top of KFBK on auroral evening with call ID. [Godwin-MT]

1560 MEXICO XEJPV, Ciudad Juarez CH, SEP 17 0509 - with slogan ID Radio Vida and playing the Morning Scene from the Peer Gynt Suite. [Redding-AZ]

TRANS-PACIFIC DX

747 JAPAN JOIB, Sapporo, SEP 14 1157 - assumed the weak but readable oriental-language station. This is the first sign of a TP this season for me. [Godwin-MT]

INTERNATIONAL NEWS

AFGHANISTAN: BBC World Service expands medium wave transmissions and key broadcasts serving Afghanistan and the surrounding region BBC World Service is reinforcing its medium wave transmissions, with an additional frequency, serving a large part of the region surrounding and including Afghanistan, it was announced today (Thursday, September 20). The BBC World Service has also boosted short wave transmissions to the region and expanded output in Arabic, Pashto, Persian and Urdu - the key languages of the region, in response to the escalating tension in the area following the US attacks last week. News and current affairs content in the usually mixed schedules of each language service has been boosted. The Arabic service is running a continuous 24 hour rolling news and current affairs format. BBC World Service Director Mark Byford says: "For the region, the BBC World Service is a vital lifeline. Audiences, literally, depend on the BBC for impartial, accurate, trustworthy news and information. In Afghanistan, with no television and no national newspaper, BBC radio is a main form of communication.. Our expansion is a prime example of the BBC World Service responding to audience need and moving resources quickly to where it is needed most. Short wave savings, made by responding to audience migration to FM and the internet in the most developed broadcasting markets of the world, are being moved to less developed regions where access to accurate information is limited but a matter of crucial importance. The new medium wave frequency 1314 kHz covers Afghanistan, Bahrain, Iran, Iraq, Kuwait, Oman, Pakistan, and UAE during different times of the day, as well as large parts of Tajikistan, Turkmenistan, and Uzbekistan. This supplements medium wave broadcasts on 1413kHz in the region. [Paul Bowery <paul.bowery@ukgateway.net>, From <http://www.bbc.co.uk/info/news/index.shtml >, in Medium Wave Circle e-mail list]

COLOMBIA: R. Autentica 660 is now 20 kW. R. Melodia Bogotá AM 730 is now 100 kW. Emisoras Fuentes 920 now 30 kW. [from stations in Medium Wave News (UK), SEP 2001]

DOMINICAN REPUBLIC: "An official list of AM- and FM stations in Dominican Republic has finally been made accessible at the INDOTEL website: <http://www.indotel.org.do/site/sector/empresas.htm>. Shortwave stations not listed." [Pentti Lintujärvi, Finland, in Medium Wave Circle e-mail] (The list includes a station on 1620, not yet on the air? Jim)

ESTONIA? Spotted UNID broadcast on 1035 kHz today 7th of SEP between 1500 to 1515 UTC. This is the old frequency used by Radio Tallinn (Estonia) until late 90's or so. They have since abandoned all broadcasts on MW and SW. The transmission I heard didn't sound like Radio Tallinn at all. I heard a Christmas service in (American) English with oratorios & hymns! Signal strength was good. Therefore it seems more than likely it originated from The Baltic / St. Petersburg region. It's still broad daylight here in Southern Finland. A pirate? First appearance of a new religious station? Return of Radio Tallinn? That remains to be seen. [Kari Helopaltio, Hard-Core-DX mailing list via DX



To: PENTTI We are glad to confirm your SWL report. The SWL report is: 1035 kHz, 1500-1515 UTC, 7th of SEP, 2001. The signal was: 1035 kHz, 1500-1515 UTC, 7th of SEP, 2001. The signal was: 1035 kHz, 1500-1515 UTC, 7th of SEP, 2001.

Listening Digest via Medium Wave Circle e-mail list] I've just received the detailed information from my colleagues-collaborators from HCJB about the Christian radiostation, that works in Tartu on the frequency 1035 kHz - Tartu Family Radio\Tartu Pereraadio. This is the project of local Tartu Christian group, which was started two years ago by the world famous HCJB collaborator David Kily and fully supported , financially and technically, by HCJB-World Radio. At present, for 21 hours Pereraadio relays the programmes of radio "Novaya Zhiznj" in Russian (from Magadan), whose studio just now is located in Moscow. The signal of the radio "Novaya Zhiznj" (formerly called "Christian Satellite Radiogroup"- also a project of HCJB-World Radio) is transmitted from Moscow studio via sputnik LMI-1 on 12606 GGz, the speed 2000, vertical polarization, Fec 3/4. There are the reports about the stable(!!!) reception of Tartu Family Radio/Tartu Pereraadio on the frequency 1035 AM in Sankt-Petersburg, even in the day time! Power of transmitter 50 kw. It is interesting to note, that by now radio "Novaya Zhiznj" has a licence for broadcasting on FM band in Russia only on the territory of Magadan. [Andrey Nekrasov, Moscow / DX_BISTRO, in Medium Wave Circle e-mail list]

NORWAY: Open letter from Northern Star: Very shortly Northern Star International Broadcasters AS(Norway) will be awarded the 216 kHz 1200 kW Norwegian license. We are planning a commercial International English service on the channel. We have struggled for this for 7 years through various offices, Departments, Parliament and licensing authority, so you will understand it is quite a feat! We have done much research already re. the signal potential of the Norway allocation and are confident in view of the results. At this moment we are interested addressing the radio listener community for volunteers who may be able to assist us. Thus we hope to start a meaningful interactive relationship with our audience not only in feedback to programming, but also re. Technical aspects. We are now interested in researching the groundwave and skywave signals of some LW stations from locations in the British Isles, Northern France, The Benelux, Germany, and the Baltic coast. Cooperators have to be experienced DXers/radio listeners who know what they are doing. The stations are: 216 kHz Radio Monte Carlo, Roumoules, France, 1400 kW emrp(effective measured radiated power), 207 kHz DLR Aholming, Germany, 500 kW emrp, 207 kHz RUV Eidar, Iceland, 100 kW emrp, and 225 kHz PR Solec Kujawski, Poland, 1000 kW emrp. On 216, there will be a fluctuating transmission zone between the Northern Star and RMC signals. This zone will move back and forth all the time, and can be several hundred kilometres wide. We are especially interested in estimating in which areas Northern Star will be interference-free of our co-channel neighbour. Professional equipment should be used so that the readings could be as accurate as possible. What we really need are precise signal strength levels in exact milliVolts/m figures, however measurements made on domestic equipment will also be helpful. Please tune each station in turn for maximum signal strength rotating loops(note bearing)/optimizing antennas and record the signal reading on each frequency. We would propose ground wave reading between 1000-1400 UTC and skywave between 2000-2400 UTC. Listeners have to keep receiver settings of RF gain etc. constant whilst doing the tests. Uncalibrated readings, such as S9+? or SINPO 55555 are better than nothing. We also need NGR and/or Latitude and Longitude at the reception site for the exercise to be meaningful. The data will be collated in MS Excel and the results added to a map in numerical form. The results will be shared with those participating. Additionally, we are seeking listeners having data of how the former Norwegian station on 216/218, LKA Oslo Kringkaster, Kløfta, 200 kW did versus Radio Monte Carlo. LKA closed down on January 2, 1995 at 13:48 UTC. We look forward to replace that station with a GREAT signal, and GREAT programming from a GREAT country! sincerely for The "Amazing AM", Svenn Martinsen General Manager/Chairman (C)NSIBC AS "mailto:svennm@c2i.net" -we estimate that the first portion of our new webpages at http://www.northernstar.no will be up during this autumn -a permanent email address will then be announced -but suggestions, comments and greetings are welcomed to address above as from now -Have you read the story of Norway's other new Longwave allocation. It is already on the air! Look up http://www.dxl.com/longwave/ingoy.html [Svenn M <svennm@c2i.net> via Medium Wave Circle e-mail list]

ST. LUCIA: Radio St. Lucia 660 currently broadcasts only with 2 kW. [Jim Solatie visiting the station, in Medium Wave News (UK), SEP 2001]

VENEZUELA: R. Cumaná, Cumaná 680, ex R. Continente. R. Galaxia 1500, San Mateo, Aragua, is a new station. [Conatel via Winter Monges, in Medium Wave News (UK) SEP 2001]

CONTRIBUTORS

Bogdan Alexander Chiochiu, Pierrefonds PQ; Sanyo MCD-S830 AM/FM portable with the internal directional ferrite bar loop antenna. <chiochiu@colba.net>

Mark Connelly WA1ION, DX'ing from Billerica [B], East Harwich [H], and Rowley [R] MA; Drake R8A, broadband loop, active whip, "Kaz" antenna, Superphaser-1 phasing unit. <MarkWA1ION@excite.com>

Bruce Conti, DX'ing from Camden ME; R8B, MWDX-5, two 65-m wires sloping east and south.

Ben Dangerfield, Wallingford PA; R8A, 4 slopers, DXP-3A phasing unit.

Larry Godwin, Missoula MT; Hammarlund HQ-150, Sanserino air-core box loop + Kiwa loop. <lbg@selway.umt.edu>

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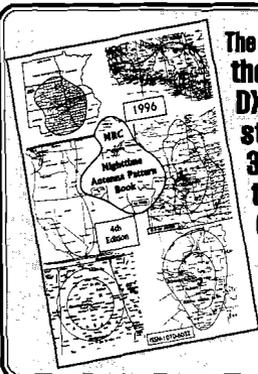
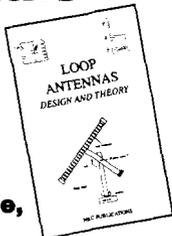
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**NRC Reprints List**

THIS LIST SUPERSEDES ALL PREVIOUS LISTS AND ORDER FORMS WHICH SHOULD NOT BE USED. The number of pages in each article is indicated by ().

ANTENNAS

Many articles formerly in this section are in the *Loop and Beverage Manuals*.

- A2 A ZERO SHARPENING DEVICE FOR A BCB LOOP. T. Holmes. If you're having trouble obtaining sharp nulls with a standard loop, this simple device may help. (1)
- A3 A VERSATILE LONGWIRE ANTENNA COUPLER. R. Foxworth. How to get the maximum amount of signal from your longwire. (3)
- A9 DOWN TO EARTH GROUNDS. G.P. Nelson. How to make low resistance ground connections for terminating a Beverage (2)
- A10 A CALIFORNIA BEVERAGE. Fr. Jack Pejza. Results obtained at this Beverage site. (2)
- A12 THE VERTICAL PICKUP PATTERN OF THE MW LOOP ANTENNA. G.P. Nelson. Information for those doing horizon blockage experiments with a loop antenna. (4)
- A13 USING TWO ANTENNAS TO GENERATE ASYMMETRICAL RECEIVING PATTERN. M. Levintow. Shows a simple way to skew your loop's pattern to effect a null that will permit reception of a station impossible to receive on a figure-8 loop antenna by itself. Reprints A5 and A6 are a requirement for understanding this technique. (3)
- A14A NEW MEDICAL BREAKTHROUGH FOR LONGWAVE TA'S. C. Clayton. Instructions on how to build an inexpensive loop antenna for LW. (1)
- A15 REVIEW OF THE DYMEK DA-3 ANTENNA. Pete Taylor, with notes by R. J. Edmunds. Evaluation of this MW antenna. (4)
- A16 MORE ON BEVERAGE ANTENNAS. Wes Boyd. Beverage antenna theory and application. (2)
- A17 MORE FERRITE LOOP ANTENNA INFO. Dallas Lankford. Inconsistencies in ferrite-core loop antenna theory. (3)
- A19 NEBE: THE NEBRASKA BEVERAGE. D. Fischer, C. Dabelstein, R. Mitchell. Results at the Nebraska Beverage site. (7)
- A20 THE LSCA-1. Ron Schatz. Construction plans for the Loop Sense Cardioid Array. Should yield a unidirectional receiving pattern when operated properly. (10)
- A25 A NOVEL APPROACH TO BUILDING YOUR OWN BCB LOOP. M. Maloney. Ideas for improvements in operation and sturdiness of loop antennas. (4)
- A27 SEVEN PASSIVE TUNERS. Mark Connelly. This article will introduce you to many different tuner designs and how they are used (10)
- A29 REMOTELY-CONTROLLED ANTENNA TUNER RT-1. Mark Connelly. An introduction to the design of remote tuning for loop or wire antennas from distances of 50 feet or more. Use w/ A43 (7)
- A30 REMOTELY TUNED DIRECTIONAL LOOP ANTENNA. E.L. Cummins. Loop ideas for building
- where interior mounted loops will not work. (11)
- A31 SIMPLE CHEAP AND EFFECTIVE PRESELECTOR LONGWIRE TUNER-AMPLIFIER. B. Sherwood. Schematic and brief instructions are given. (3)
- A33 ANTENNAS FOR AM BROADCASTING. Steve Kennedy. A brief history of early and current station antenna systems. (4)
- A34 SOME ANTENNA EXPERIMENTS - PART 1. W.R. McIntosh. Ever heard of a Helical longwire? This article deals with compact antennas for use where space is limited. (3)
- A35 THE PHASE ONE - A Delay Line Phasing Unit. Gerry Thomas. Description of an improved phasing unit design that can be built or is available in kit form. (3)
- A36 LOOP-LONGWIRE COMBINED ANTENNA. P. Swain. "Sensing" antennas for DXing and direction finding. (3)
- A38 EXTREMELY LINEAR ELECTRICALLY TUNABLE ACTIVE RECEIVING ANTENNA. Hopf and Lindenmeier. Technical discussion of an antenna system that is the optimum solution towards allowing undisturbed reception near transmitters. (5)
- A39 SIMPLE PASSIVE LONGWIRE TUNER. Mark Connelly. A basic tuner that can eliminate mixing spurs caused by strong locals. (2)
- A40 AMPLIFIED PHASED SHORTWIRES. Mark Connelly. Construction article. Utilizing an SM-2, phasing unit and short wire antenna. (8)
- A41 THE KOWALSKI LOOP. Neal Perdue with comments from Paul Kowalski. A first-hand account of this ferrite core loop antenna. A non-technical review, with comparisons to the SM-2. (2)
- A42 THE MWT-1 FAMILY OF ANTENNA TUNERS. Mark Connelly. Construction plans for the MWT-1, Mini MWT-1A, 1B and 1C antenna tuners (28)
- A43 RT-1 REMOTELY-TUNED ANTENNA TUNER. Mark Connelly. Description and construction plans. (10)
- A44 THE MINI MWDX-3. A simple, Effective Phasing Unit. Mark Connelly. Construction plans for a one-box phasing unit. Order also A55. (21)
- A45 THE MWDX-4 FAMILY OF PHASING UNITS. Mark Connelly. Construction and use of two similar series of phasing units. (25)
- A46 WIND A COMPLETE-COVERAGE COIL FOR THE RADIO WEST LOOP. Fritz Mellberg. Eliminate the need to change coils during tuning of the entire MW band on this antenna. (1)
- A47 TEST OF THE MITCHELL LEE LOOP AMPLIFIER. Mark Connelly. A new low impedance input, 3-transistor amplifier used with series tuned loops is detailed, along with improvement ideas. (6)
- A48 YAD ANTENNA GIZMO Jerry Starr. A simple-to-build antenna switching device. Will ground the antenna not in use while using the other; designed for 2 antennas and 1 receiver. (1)
- A52 COMPUTER-AIDED ANTENNA TUNER DESIGN. Mark Connelly. This BASIC computer program determines which component values are used in your antenna tuner. Tuner schematics



- included. (7)
- A53 IMPORTANT LOOP, TUNER AND PHASER DESIGN CONSIDERATIONS ("Q" DEMYSTIFIED) Mark Connelly. Technical article. The importance of "Q" and a BASIC program to find antenna tuner component values in light of the "Q" (7)
- A54 THE MITCHELL LEE AMPLIFIER: TWO TUNER IMPLEMENTATIONS. Mark Connelly. Technical article. Tuner circuits using this amplifier. Reference also A47. (5)
- A55 HOTRODDING THE MINI-MWDX-3 PHASING UNIT. Mark Connelly. Technical article. More on the Mini-MWDX-3. Requires reprint A44. (3)
- A57 MICRO-MWDX-4A LOOP VS WIRE PHASER. Mark Connelly. Connelly. Technical Construction Article. (11)
- A59 LIL-1. Dallas Lankford. Construction plans for a new circuit for combining a loop and inverted L antenna to generate a cardioid pattern. (3)
- A60 MEDIUM WAVE, A PRACTICAL APPROACH. Graham Maynard. This is a consolidation of articles that were first published by the Medium Wave Circle of England. It outlines the authors construction of his MW DX receiving set-up. (12)
- A61 MWDX-5 PHASING UNIT. Mark Connelly. The latest the series of Phasing Units. Construction article. (11)
- A62 MINI-MWDX-5. A SIMPLE PHASING UNIT. Mark Connelly. Construction article. Similar to the MWDX-5 but simpler. A61 recommended (3)
- A63 RIBBON CABLE LOOPS. Mark Connelly. A new loop concept. (5)
- A64 QUANTUM LOOP Gerry Thomas & Mark Connelly. A new ferrite core loop. Reviewed and modified. (9)
- A66 SUPER BOOSTER BAR. Gerry Thomas. For portable receivers. (2)
- A67 BUF-A AMPLIFIER. Mark Connelly. A building block for many Connelly construction projects. (9)
- A68 HIGH PERFORMANCE LOOP AMPLIFIER. Dallas Lankford (6)
- A69 NOISE & INTERFERENCE REDUCING ANTENNAS. Wraight, Lankford & Connelly. (10)
- A70 REMOTELY TUNED LOOP RTL-1 & RTL-1A. Mark Connelly. Also Contains the latest BBA-C1 Amplifier Card. (20)
- A73 THE MWT-2 REGENERATIVE TUNER. Mark Connelly (21)
- A75 BEVMATCHER. A broadband Antenna Matching and combing Unit. Mark Connelly. (8)
- A77 The RTU-1. Mark Connelly. A remote tuning unit for active antennas. (11)
- A78 Coupler & Upgrades for the Quantum Loop. G. Thomas (2)
- A79 SUPER MWDX-5 PHASING UNIT. M. Connelly. Upgrade of Reprint A61 (16)
- A80 ANOTHER LOOK AT NOISE REDUCING ANTENNAS by Mark Connelly (3)
- A81 ONE CHIP ACTIVE ANTENNAS by Mark Connelly (3)
- A83 THE RTL-2 REMOTELY TUNED LOOP by Mark Connelly (24)
- A84 THE DCP-1 DUAL CONTROLLED PHASER FOR REMOTELY TUNED ACTIVE ANTENNAS by Mark Connelly (12)
- A85 DL-1 DELAY-LINE PHASE UNIT by Mark Connelly (9)
- A86 THE MWT-3 REGENERATIVE TUNER CONTROLLER by Mark Connelly A passive and Active broadband amplification control of remotely tuned loops and whips. (21)
- A87 ULTRALINEAR 2N5109 AND 2N3053 AMPLIFIERS. D. Lankford. Technical article with instructions/schematics. (15)
- A88 ULTRALINEAR AMPLIFIED ONE METER WHIP ANTENNAS. Dallas Lankford. 1994 - complete instructions & diagrams for 2 one meter antennas. (19)
- A89 THE FULL-SIZE, FULL-PERFORMANCE LOOP. R. Moore. A history & explanation of Loops & the author's current design. (10)
- A90 ANTENNA EXPERIMENTS - summer 1994. Mark Connelly. Tests to help you choose for your needs. (5)
- A91 KIWA/QUANTUM LOOP COMPARISON by Elliot Straus. (1)
- A92 PHASED NOISE REDUCING ANTENNAS by Russell Scotka (7)
- A93 THE QUANTUM (OR Q-STICK). A PASSIVE ANTENNA BOOSTER PLUS ADVANCED Q-STICK DXING TECHNIQUES by Jerry Thomas (8)
- A94 THE MWDX-6 PHASING UNIT by Mark Connelly (24)
- A95 DL-2 DELAY LINE PHASING UNIT by Mark Connelly (10)
- A96 TWO REMOTE ACTIVE ANTENNAS - RL-1 REMOTELY TUNED LOOP AND RW1 REMOTELY TUNED WHIP by Mark Connelly (15)
- A97 INVESTIGATION OF REGENERATIVE TUNER DESIGN THE MWT-3S by Bruce Conti -edited by Mark Connelly (6)
- A98 TEST REPORT - THE JPS ANC-4 ANTENNA NOISE CANCELLER by Mark Connelly (3)
- A99 LOOP SHOWDOWN KIWA VS RSM-105 by Mark Connelly (4)
- A100 BBL-1 BROADBAND LOOP ANTENNA & BA-1 AMPLIFIER. Mark Connelly Construction Details and use. (11)
- A101 PENNANT ANTENNA WITH REMOTE TERMINATOR By Mark Connelly Construction Details and use. (9)
- A102 DXP-1 DXPEDITION PHASING UNIT Mark Connelly Construction Details and use. (9)
- A103 EXPERIMENTS WITH REMOTE ANTENNA TERMINATION Mark Connelly Construction Details and use. (2)
- A104 DCP-2 DUAL CONTROLLER PHASER Mark Connelly Construction Details and use. (11)
- A105 THE KIWA POCKET LOOP ANTENNA by Guy Adkins Review of this portable antenna (1)
- A106 The Wellbrook K9AY Antenna: A User's Review by John Bryant. A review of this general use antenna. (5)

- A107 **DXP-3 DX'pedition phasing unit** by Mark Connelly. Complete with schematics and parts list. (6)
- A108 **Coupling an external loop antenna to the DX-390 receiver** by Hans K. Schellenberg (1)
- A109 **Is your coaxial lead-in actually an antenna?** by John H. Bryant with Bill Bowers. (5)
- A110 **A Beverage on the Beach:** by Rick Cenneally (3)
- A111 **Testing Two (KAZ) Squashed Delta Antennas:** by John Bryant A comparison of the (KAZ), the (Super KAZ), and the (K9AY) Antennas. (5)
- A112 **Pennant and KAZ Antennas Tests** by Mark Connelly More comparative testing. (4)
- A113 **Pennant Antenna Review and Impressions** by Ken Alexander An independent test from Ontario. (3)
- A114 **Fabricating Impedance Transformers for Receiving Antennas** by John Bryant (4)
- A115 **DXP-2 DXpedition Phasing Unit** by Mark Connelly (7)
- A116 **DXP-3 DXpedition Phasing Unit** by Mark Connelly (7)
- A117 **3 Loop Antenna array w/electrically-rotated nulling** by Mark Connelly (4)

DOMESTIC DX

- D2 **IT TAKES TWO TO VERIFY, PLUS HELPFUL HINTS.** J. Murley and R. Schiller respectively. Article on the station's attitude toward reception reports and veteran DX'er Schiller's tips on increasing your returns. (4)
- D3 **THE DX TEST FROM A STATION'S VIEWPOINT.** Bill Croghan. Hints from a broadcaster arranging DX tests and obtaining more verifications. (1)
- D4 **WHAT IS A PRE-SUNRISE AUTHORIZATION?** R. J. Edmunds. An Explanation of psra's. (3)
- D5 **LONG DISTANCE RECEPTION OF DX TESTS.** F. Dailey. Proven techniques. (1)
- D6 **MAKING THE BEST OUT OF PREPARED-CARD VERIES.** Kelly Andrews. The verie collector's last resort, with numerous samples. (3)
- D9 **THE NSP SITUATION.** J. Starr. A look at this problem from the broadcaster's side of the fence. (2)
- D10 **DX FROM THE TWILIGHT ZONE.** P. Sullivan. Sunrise and Sunset Skip explained (4)
- D11 **GRAVEYARD DX.** R. Foxworth, with additions by M. Levintow. DX'ing the local channels with results. (15)
- D12 **CANADIAN FAMILY LIFE...IT'S TWINS.** J. Oldfield. Explains station "families" in Canada. List of Station groupings as of 1980 (3)
- D13 **THE POST-SUNSET AUTHORITY. A DAYTIMER'S DILEMMA** Jerry Starr. A discussion on "PSSA's". (4)
- D16 **SUNRISE SKIP.** R. Kramer. Practical how to info. includes pre-sunrise authorities (psra), station allocations on clear channels and auroral effects. (7)
- D17 **THE WORLDS HIGHEST-POWERED STATIONS.** Mike Burden. From Radio Luxembourg's 1933 150KW transmitter to the megawatt-watt of today. includes WLW, Doc Brinkley, and more. (3)

- D18 **QSL'ING THE LOCALS.** Skip Arey. Extracting veries from your local stations. (1)
- D19 **HOW TO "UP" YOUR TOTALS!** John J. Rieger. An antidote to "DX burnout" and proof that there is DX after the first 1000 catches! (3)
- D20 **WHO'S ON FIRST?** Bruce Conti. Who was the first broadcasting station in history...? (4)
- D21 **WHAT MAKES FOR A DX TEST?** Wayne Heinen. A look at what happens at a radio station during a DX test (1)
- D22 **FORMAT FUTURES.** Chris Cuomo. What radio formats may look like in the 1990s. (2)
- D23 **SATELLITE PROGRAMMING.** Ed Ryan. A look at how it works. (2)
- D25 **A SEVENTEEN-POINT PLAN FOR AN IMPROVEMENT.** Doug Smith. A fix to the AM broadcasting service as we know it? (3)
- D26 **ONCE UPON A TIME.** Ben Dangerfield. What hap-pened years ago in DX, the NRC, and the world! 1963 was an amazing year. (3)
- D27 **THE STEVENSON LOG.** Gene Martin. The Broadcast Band in February 1926. (1)
- D28 **SUNSET DXING FROM THE WEST COAST.** Guy Kudlemyer. Becoming a pro at catching stations at sunset.(6)
- D29 **DXing Tips Using Satellite Services.** D. Schmidt (2)
- D30 **TRAVELERS INFORMATION STATIONS.** Rules and Regulations governing these numerous low-power broadcasters. (2)
- D32 **U. S. A. DIGITAL RADIO (IN-BAND, ON-CHANNEL).** Official descriptions. (6)
- D33 **BAD WEATHER! USE IT TO YOUR ADVANTAGE.** by Dave Schmidt. (2)
- D34 **PIRACY ON THE MEDIUM OR HIGH FREQUEN-SEAS (AND NOT WALK THE PLANK)** by John D. Bowker. (5)

FOREIGN DX

- F1 **DXING CENTRAL. SOUTH AMERICA AND THE CARIBBEAN.** Mark Connelly. Listings, by frequency, of the best bets from these areas, along with the original Connelly, DeLorenzo, Kazaross article DXing Latin America and the Caribbean. (9)
- F2 **TA TIPS FOR BEGINNER.** Dave Yocis. Your first Trans-Atlantic receptions! (2)
- F3 **PORTUGUESE FOR DX'ERS.** R.Schatz. Describes the important features of this language. (2)
- F4 **TA DX'ERS GUIDE TO SUNRISE-SUNSET TIMES.** Mark Connelly. Reference to SRS-SSS times with extensive tables for many locations. (4)
- F5 **HUNTING LATINIS BY MUSIC.** R.Schatz. Describes types of LA music from various countries and how to ID stations using this information.(5)
- F6 **ZONAL-ANALYSIS APPROACH TO TA DX.** Mark Connelly. A systematic method of grouping TA countries to help the DX'er recognize different types of openings and improve TA reception. (4)
- F7 **ZONAL-ANALYSIS APPROACH TO PAN-AMERICAN DX.** Mark Connelly. Similar to F6, with the emphasis on the Eastern U.S. loggings of LA and South American stations. (5)

- F8 **STATION IDENTIFICATION.** Tips on how to ID stations in nearly 50 languages! (2)
- F9 **SOME EASY TA'S.** Dallas Lankford. (2)
- F10 **ID'ING JAPANESE BROADCAST STATIONS.** Charles Taylor. Hints to help, without actually knowing the language! (2)
- F12 **COMMON SENSE TA DX STRATEGY.** Mark Connelly. Practical hints are given for hearing Trans-Atlantic stations. (2)
- F13 **THE ODDS ON EVEN TA'S.** Mark Connelly. The possibility of hearing TA's on channels shared with domestic stations. (10)
- F14 **YOUR FIRST 30 COUNTRIES IN ENGLISH.** Mark Connelly. Listed by country. (3)
- F15 **CARIBBEAN MW DX GUIDE.** Mark Connelly. Listed by country. (4)

HOBBY REFERENCE LISTS

Some reprints formerly in this section are found in Station Location Mapbook (SLM)

- HRL1 **National Radio Club Common Abbreviations List** (6)
- HRL2 **Cuban Medium-Wave Broadcast Stations** (This list recently revised) (4)
- HRL3 **U.S. Postal Service 3 digit ZIP codes** (2)
- HRL4 **North American Time Zones to UTC Conversion Chart.** (1)
- HRL5 **Frequency and Power Relationship Chart.** Shows average coverage radius for various powers at BCB frequencies. (1)
- HRL8 **NRC Countries List** edited by Al Merriman (2)

MISCELLANEOUS ARTICLES

- M1 **LOCAL SIDEBAND SPLASH: HOW MUCH IS TOO MUCH?** G.P. Nelson. This article describes FCC regulations on sideband radiation on the Medium Wave band and types of station-originated spurious radiation. (1)
- M2 **MODULATION ARCING** J. Starr. Describes a frequent but rarely discussed cause of medium wave interference originating at the station. (1)
- M3 **SUNRISE-SUNSET TABLES.** G.P. Nelson. These charts allow determination of accurate time of sunset and sunrise at any point in the world on any date. (9)
- M4 **RF INTERFERENCE AND THE HOME COMPUTER.** Bill Krause, ANARC. Home computers will cause interference on your DX rig unless precaution are taken; solutions are discussed. (2)
- M5 **UNRESTRICTED RADIATION.** G.P. Nelson. Discussion of carrier current stations and how to hear them. (3)
- M6 **RF POLLUTION.** G. Hauser. General discussion of the radio interference problem and steps necessary to control it. (2)
- M7 **PATTERNS, PARTS I, IIA, IIB.** P. Hart. These articles explain in detail what patterns mean and understanding their relationship to DX'ing! (34)
- M9 **MORE ON HOW DIRECTIONAL ANTENNA PATTERNS ARE PRODUCED.** Wes Boyd. Supplementary information to the articles in the 1980 edition of the NRC Night Pattern Book. (1)

- M10 **SUPERMODULATION AND EFFECTS ON DX'ING.** Steve Kennedy. Discussion on the problem and its affect on DX'ing. (3)
- M11 **TERRAIN CHARTS FOR PROPAGATION PREDICATIONS.** M. Connelly. This article details how to prepare a chart of a DX'ers surrounding terrain which can help enhance or diminish reception. (3)
- M12 **NOISE LEVELS AND USABLE RECEIVER SENSITIVITY.** C. Hutton. Technical Discussion of the effect of noise on receiver sensitivity. (5)
- M13 **GREAT CIRCLE CALCULATIONS REVISITED.** Mike Tuggle, with an addendum by R.N. Allen. An explanation, how to figure distance and direction of stations mathematically, with a computer program to figure the Great Circle paths. (4)
- M17 **SOME THOUGHTS ON INTERFERENCE.** Skip Arey. A simple modification to eliminate noise from light dimmers.(1)
- M18 **MANMADE INTERFERENCE ON THE BCB.** Dallas Lankford. A systematic approach for evaluating a current or future DXing location in terms of man-made noise levels. (3)
- M20 **THE LOG BOOK.** John J. Rieger. Organizing your log book. (3)
- M23 **WBBM RADIO: YESTERDAY AND TODAY.** Chuck Schaden. A book review (1)
- M25 **MUSIC IN THE AIR,** by Philip K. Eberly. Reviewed by Armand DiFilippo. (1)
- M30 **THE GOLDEN AGE OF DX'ING.** John Clements. Were the years 1969 thru 1975 the Golden Age of DX'ing? You decide. (4)
- M31 **ALL ABOUT WAVELENGTH.** John D. Bowker. Wavelength versus frequency. An explanation. (2)
- M32 **STANDARDS TIME AND FREQUENCY.** via Pete Kemp. Time and frequency stations located on longwave. List by frequency. (3)
- M33 **AM RADIO IN HIGH FIDELITY.** John D. Bowker. Find out the reason why AM sounds so bad and what can be done to fix it. (1)
- M34 **MYSTIQUE OF THE THREE-LETTER CALL.** Thomas White, via CompuServe, via Pete Kemp. The Historic Roll Call and Current Status. (12)
- M37 **NOISE Some Causes and Some Cures.** Wayne Heinen (4)
- M39 **FOUR SOFTWARE PIECES FOR MW DX'ers** G. Kudlemyer. Review of programs for Macintosh Computer Owners. (6)
- M40 **PIONEER BROADCASTING STATIONS IN THE US.** Thomas White A comprehensive history of U. S. Radio including the oldest 127 stations still in operation with starting dates. (12)
- M41 **RFI FROM HOUSEHOLD ELECTRONICS** by Perry Crabill, Jr (2)
- M42 **AN INTRODUCTION TO LONGWAVE DXING** by Shawn Axelrod (3)
- M43 **HOBBY AUDIO RECORDING IN THE 21ST CENTURY** by R. Charles Rippe! Discussion of modern recording methods (3)
- M44 **A useful little timer for DX'ing** by Rick Kenneally (1)
- M45 **An Audio Switching network** by John Bryant (3)



PROPAGATION

- P1 MEDIUM WAVE SIGNAL PATHS, PARTS I, II, III, AND IV. G. P. Nelson. Discusses Great Circle paths, seasonal absorption patterns, auroral effects and the Mid-Winter Anomaly. (29)
- P2 SOLAR CONTROL OF DAWN E-BLANKETING ON THE MW BCB. G. P. Nelson. Explains how the position of the sun controls the fadeout time of TA's and TP's. (3)
- P3 EAST-WEST SYMMETRY AND THE FADE-IN PROBLEM. G. P. Nelson. Explains how the sun controls the fade-in times for MW stations. (2)
- P4 SUMMER RECEPTION ON THE BROADCAST BAND. G. P. Nelson. First article describing the seasonal patterns in solar terminator location which makes summer MW reception from deep South America and Africa possible. (3)
- P5 METEOROLOGICAL EFFECTS ON MW GROUNDWAVE RECEPTION. R. J. Edmunds. Short term variations in groundwave propagation at MW frequencies and their relationship to weather conditions. (7)
- P6 AURORAL EFFECTS AND THE 1969 TRANS-ATLANTIC LISTENING TEST. G. P. Nelson. A description of how the geomagnetic and auroral phenomena control TA reception from various stations. An introduction to auroral effects. (5)
- P7 THE AURORA OF NOVEMBER 6-9, 1970. G. P. Nelson. Traces a classic auroral attack from its origin on the sun to its effect on MW reception. (3)
- P8 COMPARATIVE MEASUREMENTS OF GEOMAGNETIC INDICES. R. J. Edmunds. A three month comparison of A-index measurements as reported by several major observatories as they relate to each other. (3)
- P9 SKYWAVE OR GROUNDWAVE RECEPTION? G. P. Nelson. How to tell whether the signal from a station is arriving via ground wave, skywave, or both. (3)
- P10 A BEGINNER'S GUIDE TO THE IONOSPHERE. Fr. Jack Pejza. This article explains the processes which change the ionosphere and the effects of these changes on radio wave propagation. (10)
- P11 THE LIMITS OF MIDDAY MW DX. G. P. Nelson. Comprehensive article describing the factors which influence radio wave propagation and reception during the late morning and early afternoon hours. (16)
- P12 LIMITATION ON THE USE OF THE A-INDEX. G. P. Nelson. An explanation of the A-index as a DX'er's tool. (3)
- P13 BCB RECEPTION DURING PERIODS OF HIGH AURORAL ACTIVITY. G. P. Nelson. Describes research into the effects of the aurora on MW propagation. (8)
- P14 SKYLINE BLOCKAGE Fr. Jack Pejza. Mathematical derivation of the formulas needed to calculate the effect which terrain has on signals. (10)
- P15 SKYLINE BLOCKAGE, SOURCES OF UNCERTAINTY. G. P. Nelson. Takes into account the possibility of signal propagation by some less common modes which are subject to blocking by the horizon. (9)
- P16 HORIZON BLOCKAGE: CAN FRESNEL DIFFRACTION BE IGNORED? G. P. Nelson. This article shows how signals that should be blocked by the horizon can sometimes be heard. (10)
- P17 TRANSPOLAR DX RECEPTION. R. J. Edmunds. This technical article relates to the trans-polar reception of central and eastern Asiatic stations at sunset in North America. (27)
- P18 OBSERVATIONS OF TRANS-ATLANTIC MW RADIO SIGNALS. C. W. Bailey. The results of a lengthy survey of TA receptions made over a one-year period. (3)
- P19 PROPAGATION AT MW FREQUENCIES. P. Sullivan. Discusses some aspects of the factors which control signal reception on the BCB. (6)
- P20 FACTORS OF MW PROPAGATION. F. Dinning. Discussion of the nature of MW propagation. (6)
- P21 DOMESTIC PROPAGATION-ANSWERS TO FREQUENTLY ASKED QUESTIONS. R. J. Edmunds. A discussion on some of the propagational factors that affect domestic reception. (1)
- P22 REVIEW OF SOLAR ACTIVITY FOR THE MW DX'ER. R. J. Edmunds. An explanation of the Fredericksburg A-index as well as its use in the hobby. (2)
- P23 MEDIUM WAVE IONOSPHERIC PROPAGATION PLUS THE SEQUEL TO R.Schatz. These articles take a different approach to propagation and presents new terms and theory. (11)
- P24 TERMINATOR TRANSIT MECHANIX. R.Schatz. Parts I, II, III, IV AND IV-A of a series which the author states features practical techniques to hear new stations; techniques never before available. (33)
- P25 SUNSPOT CYCLE 21 - THE PEAK - HOW MUCH AND WHEN. O. Oklehen, H. R. REPORT. This article, through careful predictions, shows how the next peak in solar activity will be one of the most severe in recent history: Includes additional comments by R. J. Edmunds. (3)
- P26 ATMOSPHERIC AND GALACTIC NOISE ON THE BCB. Dallas Lankford. A discussion on the amounts of various types of noise, Compared to receiver sensitivity (3)
- P27 ON THE NATURE OF SCIENCE AND THEORIES OF BCB PROPAGATION. Dallas Lankford. Discussion of several theories, concentrating on the controversy concerning the degree of the arrival angle of signals propagated over long distances. (3)
- P28 DXING THE 1984 SOLAR ECLIPSE. Gerry Thomas. One DX'er's experiences during this rare DXing opportunity. (3)
- P29 ON OBLIQUE PROPAGATION. Dallas Lankford. Very technical discussion on the theory of oblique incidence nighttime ionosphere at BCB frequencies. (12)
- P30 MEDIUM-WAVE OBLIQUE PROPAGATION - ANOTHER VIEW. Randall J. Seaver. Some different interpretations are presented on this subject, as well as examples of MW propagation analysis using the Knight Wave-Hop method. (9)



- P32 RELATIONSHIPS BETWEEN SOLAR ACTIVITY, THE EARTH'S MAGNETIC FIELD, AND MW DXING. Randy Seaver. General characteristics of geophysical phenomena are addressed, in order to understand relationships between the sun, the geomagnetic field, and high-latitude DX. (15)
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- RECEIVING EQUIPMENT AND TECHNIQUES**
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- R1 SPURIOUS SIGNALS & SPURIOUS SIGNALS REVISITED. R. J. Edmunds and G. P. Nelson. Many DX'ers hear stations on frequencies where they don't belong. Article describes causes and cures of spurious MW signals. (10)
- R2 SINGLE SIDEBAND RECEPTION ON THE BCB WITH MECHANICAL FILTERS. G. P. Nelson. Few commercial receivers covering the MW band have adequate selectivity to cope with MW interference—particularly in the presence of powerful local stations. Explains how to add mechanical filters to an existing receiver for the ultimate in adjacent channel rejection. (21)
- R3 SUBAUDIBLE HETERODYNES ON THE MW BCB. G. P. Nelson. Details on a technique to permit the MW DX'er to detect and characterize signals too weak to hear at the time: allows the DX'er to count the number of stations on a channel—even if no programming is audible and permits direction-finding on channels with several stations present. (6)
- R5 THE TRACKING PROBLEM AND HOW TO CURE IT. G. P. Nelson and T. Holmes. Many excellent receivers are poorly designed for MW DX operation. This article describes one of the most common design faults and how to cure it. (4)
- R6 ELECTRONIC VERNIER TUNING. R. Moore. Detailed instructions on how to fit a varactor to a MW receiver to provide fine bandspread. (4)
- R9 RECEIVER/ACCESSORY INTERFACES MADE SIMPLE AND CHEAP. R.J. Edmunds. A discussion of methods of interconnecting DX equipment. (7)
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- R17 BUILD YOUR OWN AUDIO FILTERS. P. Sullivan. A technical theory and construction article on inexpensive homebrew audio filters. (7)
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- R22 THE LYNODYNE CRYSTAL WIRELESS RECEIVER. R. W. Tuggle. The concepts of vintage crystal radio are incorporated in these construction plans for a simple receiver, offered as a sporting alternative to modern receivers; yet it has the potential for real DX. (4)
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- R34 INSIDE THE R390A PTO. Dallas Lankford. An in-depth article that explores the PTO tuning in the R-390A and shows how to improve its performance up to specifications. See R33, (4)
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NRC/DXAS PITTSBURGH 2001 "A RADIO ODYSSEY"

Story and photos by John R. Malicky

"This is KDKA of the Westinghouse Electric and Manufacturing Company in East Pittsburgh(h), Pennsylvania. We shall now broadcast the election returns." Then the music begins and builds from Richard Strauss' "Also Sprach Zarathustra" with the first movement, "Thus Spake Zarathustra", also known as the theme from the movie, "2001, A Space Odyssey." In between the crescendos, this passage was read, "From the pioneer broadcast station of the world and that first voice 80 years ago ... to the voices of today and beyond, 'to preserve our community's achievement and recognize all who shall be known ... the National Radio Club and the DX Audio Service present ... Pittsburgh 2001, A Radio Odyssey!"

Thus, on Friday, August 31 at 8 PM, our official greeting was played and read to commence this year's 2001 convention. We thank member Bonnie Starr whose idea from one year ago at Lima 2000 was to create our slogan and inspiration for this year.

So in a way, from KDKA's first official broadcast on November 2, 1920, Pittsburgh has become a 'radio odyssey'. Though many cities in the US have several great radio stations, Pittsburghers take pride to know we have KDKA and other fine stations. On behalf of those involved, I tried to show our best side with tours of various stations. For their efforts and permission, we thank KDKA's Greg Jena, WJAS/WPTT/WSHH's Phil Lenz, and WQED's Paul Johnston for their cooperation on these tours. The connections are that KDKA was the first, WJAS is almost as old as KDKA and DX'er-friendly, and WQED is community minded and the first public TV station in America. In all I hoped to provide an entertaining, enjoyable, and informative convention. From the excitement during most activities to the tour hosts involved, I think that was accomplished.

Through our contacts, two media services provided some melnlions. From the August 8th *Post-Gazette*, staff writer Adrian McCoy wrote information while KDKA TV's Community Reporter Dave Crawley arranged for a camera and a 20-second segment during Friday August 31st's 5 to 6 PM news!

There were other features for our convention. With a creative idea, I was able to design a special commemorative 2001 odyssey shirt and magnet. In the colors of black and gold to honor our Steelers, Pirates, and Penguins, the shirts had a radio antenna with spiraling waves. Inside the outer spiral were 16 local station call letters to represent those either licensed to the city of Pittsburgh or who identify with a community close to the city. To my best estimation, the 16 were listed according to the earliest on air date beginning with KDKA, KQV, etc. As a promotion, the magnet was designed in the shape of an old radio and the Topeka P.O. Box 5711 as a contact. The magnets were enclosed free in the 13 piece 'goodie' bag and the shirts sold for \$10 with 31 being sold. My hopes are that you'll be able to acquire both of these through NRC Publications. Also, a special bulletin was copied and passed out to all local stations during the week leading up to Friday August 31. With special thanks for the bulletin from friend and new member Jim Orkwis, each station visited provided donations as long as a written letter with NRC stationery was presented to verify our convention. For the first time at any convention, Pittsburgh Vision Services and Judith Myers typed the schedule of events in Braille, which were passed out to our blind DXAS members. Also, to honor the wives of members and women of the club, each was given a pink or orange rose.

Many thanks to the following members either for their help and/or donations. My sincerest thanks and wishes start with John and Linda Bowker for their assistance with registration, name tags, audio recording, auction fund processing, and recommendations. They are two of the finest people you'd ever want to know and be of assistance! Also, thanks to Ernie Wesolowski for videotaping and help, DXN Publisher Paul Swearingen for leading the NRC business meeting and auction, Scott Fybusch for



Taken in July, 2001, this photo is of a now-vanished landmark, Dr. Conrad's home in Wilkensburg.

a fine last-minute speech after dinner Saturday night, Bruce Conti for an enjoyable phased-antenna demonstration Sunday night, Ben Dangerfield for an interesting talk Saturday morning, and even though they were unable to come, thanks for copies of the local AM bandscan tape and donations to Fred Vobbe, and donations for the auction from Mike Sanburn with the fine airchecks taped from stations around the country, and donations from Powell E. Way III, Dale Park, Wally Wawro, and anyone else I failed to mention. Finally, to local member Curt White my thanks for his assistance and in contacting local members.

Now on with the show!

Our first day, Friday August 31st, opened with registration that began at 10 AM in the Edgar Thomson Room. The room is named for a local industrialist whose name also appears for the USS Works in Braddock, PA. Of note, we also wish to thank the Pittsburgh Greentree Radisson for their fine hotel, food, and assistance. Special thanks go to my coordinator, Convention Services Director, Ruth Ann Ryan, Bell Captain Bob Bittles, and Front Office Manager Colleen Bach! By 12:30 PM and with arrangements with the Radisson courtesy van, 10 members were taken to KDKA-1020 at One Gateway Center downtown off Ft. Duquesne Blvd. near Point State Park. Four other members followed for a most enjoyable and well-received tour! Our tour host, Greg Jena, Director of Market-



Greeting convention goers are host John Malicky and perennial helpers Linda and John Bowker.

ing and Promotion, guided us through the AM studios of which the building also houses TV 2 and UPN 19 WNPA. KDKA radio has been at Gateway One since May, 1956 when the building opened, and is now owned by Infinity. Three other co-owned FM stations, WBZZ, WZPT, and WDSY, are located in Foster Plaza Building 5 in Greentree, not far from the Radisson. The world's pioneer station had several walls filled with local personalities' pictures, past promotional items, pictures of the KDKA transmitter in Allison Park, banners, and at least 50 awards in past years for "Excellence In Broadcasting" presented by the "Pennsylvania Association of Broadcasters!"

Upon our arrival we were greeted by a TV 2 cameraman for the video during the late afternoon news! During our visit, we also met Program Director P.J. Kumanchik, and News Reporter Michael Whitely! Thanks KDKA for a great visit!

The KDKA tour, which lasted almost one-and-a-half hours, ended with two significant events and a third if I planned to make some remarks. The first was a special group photo outside Gateway yard. Thirteen members stood in front of a Pennsylvania Historical and Museum Commission plaque dated 1990 which read, "RADIO STATION KDKA World's first commercial station began operating November 2, 1920, when KDKA reported Harding-Cox election returns from a makeshift studio at the East Pittsburgh Works of Westinghouse. Music, sports, talks, and special events were soon being regularly aired." The second was a thunderstorm which just started as we climbed back aboard the Radisson courtesy van with Joe as our driver! The third and unplanned event would have been to honor the plaque laid into the sidewalk at Gateway - One and KDKA's employee entrance which stated, "Pittsburgh's Radio Station KDKA AM 1020 KDKA Radio Time Capsule Commemorating the 80th Anniversary of the World's First Radio Station Placed: November 2, 2000 Open: November 2, 2050." Special significance for myself as I did attend that historic placing of the new capsule and opening of the old one from 1970. It was also where I met Greg and many KDKA radio and TV personalities. Of note during our visit, Greg Jena did mention a special announcement would be forthcoming on Thursday morning, September 6, 2001 when morning host John Cigna would yield to a new morning personality. This would also be mentioned on their website at: www.kdkaradio.com. However Mr. Cigna let half of the mention slip on Tuesday, the 4th that he would cut back and Thursday we found out it was KDKA TV personality Larry Richert that would take over.

Upon returning to the Radisson, we would take cover from the downpour only to get soaked anyway for our next event! At 3 PM a visit was arranged with Engineering Manager Phil Lenz for Renda Broadcasting Corporation's WSHH-99.7/WJAS-1320/WETT-1360 at 900 Parish Street on the third floor. So while we did need some towels to dry off, Phil was performing some engineering duty in one of the studios and this on his day off! In the meantime, friendly receptionist Robin Walker-Williams and

another employee let us sit in the corporate conference room drinking coffee, tea, and just having a good time! Eventually Phil, whom I've known for 8 years, came in and talked about all 3 stations. Of note was the topic I brought up and Phil elaborated on was the eventual move within a year of 1320's 2 tower site in the city. Member Scott Fybush also wanted more information to perhaps write a story in an upcoming *Radio World* article. Finally making our way to tour all 3 studios, we came upon midday talk host Doug Hoerth on WPTT which member Mike Lantz had the pleasure to greet because Mike had talked to Doug before when Mr. Hoerth broadcasted in Miami! Even Mike's dog Lexie was thrilled!

We also met Hank Baughman who works at the stations and "Wish" midday host Dan Dunlap. The programs for each station are as follows, WJAS with nostalgia and live up to 3 PM, WPTT with local talk, now "The Point." or "get to the point", and WSHH with adult contemporary.

Friday evening August 31st had three events, two planned and one just arranged that week. Returning from WJAS thanking Phil, Robin, Dan and everyone, a short carpool trip ended just a few minutes ahead of a 5:05 PM tasty Pietro's pizza party! Six extra large pizzas were ordered, 96 cuts, and within 30 minutes only 2 were left! (And after Paul Swearingen finally arrived after chasing lost baggage, none remained, cold or not.) I guess they were mmmm good! I arranged through Pietro's which is about 3 miles away because of the owner Pete who became a friend and was son-in-law to local oldie personality "Mad Mike" Metrovich who passed away almost one year ago October 31. Thanks to Pete for the fine pizza and thanks next to Ken Young, Board Member and representative of PARS (Pittsburgh Antique Radio Society) who gave a fine talk on our local club, which collects and acquires old tube radios and keeps the history of Pittsburgh radio alive. I arranged Ken's visit through PARS President Bonnie Novak who wasn't able to come, but offered for us Ken's visit and a ten-minute tape of WWSW-970 jingles from the 1940s sung by Bing Crosby!

Just before the event at 8:10 PM, I decided to open this year's convention with the theme music and passage along with greetings from four veteran radio local personalities. From the days and weeks before, I was able to interview and record greetings for our convention beginning with Slim Bryant, then Steve Conti, Bill Cardille, and finally Jack Bogut. Famous for "Slim Bryant & The Wildcats" on KDKA from 1941-1959, playing country music, Slim is still going strong at age 92 and arrived in Pittsburgh by accident as his band was touring and ran into the WWII gas shortage, remaining 60 years to the day August 10th, 2001! I caught up with Slim on August 11th, and we had a fine visit including the room in the basement of the Dormont suburb bookstore where he still teaches guitar! Next was CE Steve Conti of KQV-1410 who has been at the station since 1966 and



Three Pennsylvania NRC members who represent way over a hundred years of membership are Kermit Geary, Ben Dangerfield, and John Malicky.



Convention attendees Kermit and Charlotte Geary also celebrated their 60th wedding anniversary in early September.

remarked KQV's 80 year celebration coming up in the fall of 2001! Then a back-to-back visit at WJAS on Tuesday August 28th to interview "Chillie Billie" Cardille who's on 10-3 PM, and Jack Bogut who begins his morning show at 6-10 AM. Both are very delightful gentlemen who have much 'claim to fame.' "Please call me Bill" Cardille was the regular host 30 some years ago on then WIIC TV 11 with Chiller Theatre and is one of three local media persons enshrined in the Pennsylvania Broadcasters Hall of Fame, while Jack Bogut began his radio career in his native Montana at KDBM-1490, KCAP-1340, KBMN (now KGLT), KGHL-790, in Utah at KALL-910, then coming to KDKA in 1968 to take over the morning show until 1983 when Mr. Bogut went over to local WTAE-1250, then later to WSHH, briefly retiring and then returning to WJAS in 1997.

Jack even had a potential sitcom ready to go on ABC in the late 1980's, called the "Big Sky Cafe." Mr. Bogut best describes radio as, "the theatre of the mind," and still has these and many more anecdotes during his morning show. Thanks to these fine fellows for following felicitations!



Bruce Conti and Paul Swearingen listen to the question, "When is the Log coming out?" at the Saturday evening business meeting.

1959 and 1992 and has videotaped NRC conventions over 11 years; Paul Mount, a 27-year member and who co-wrote the NRC's 50th anniversary book, and finally I almost overlooked our publisher Paul Swearingen; how many years in the club and publisher Paul! (26/13! -pls.) Still, I could have saluted several more members like Ray Arruda, Chris Cuomo, George Greene, Dave Marthouse, Frank Merrill, Al Merriman, Mike Lantz, Wayne Ryan, George Sherman, Bob Smolarek, Robert Stonier, Bill Swiger, Dave Whatmough, and Martin Wishnewitz. Or a salute to all!

At approximately 8:10 PM, the stage was set for Rick Harris, Chairman of the 'Conrad Project.' I only got to know Rick in the last few months and through his generosity was able to present a slide show with a taped narration on this project. Briefly, the Conrad Project is named for Dr. Frank Conrad who experimented and built 8XK, the forerunner of KDKA. Then through a series of events, Dr. Conrad was able to receive a license from a random ship-to-shore calls which became KDKA. The world's first commercially-licensed station, KDKA, was granted on October 27, 1920. All the experiments and later the station itself came from Dr. Conrad's garage next to his home on Penn Avenue in Wilksburg. Of course, the first official KDKA broadcast on November 2nd came from atop the 'K' Building at Westinghouse's East Pittsburgh Manufacturing plant in Turtle Creek. Leo H. Rosenberg of Westinghouse's publicity department read that first announcement concerning the Harding-Cox election returns. The studio and transmitter was a shack on the roof of the 8-story building. At that studio for a short time and several other places in the area KDKA commenced regular broadcasts before moving its actual studio into downtown Pittsburgh. However and for history's sake, Dr. Conrad, a Westinghouse engineer who held over 200 patents, and his garage, began the birth of commercial radio. Later as the years passed, the home became the Wilksburg Elks Lodge, and then in 1972, the garage was neglected and on the verge of demolition. However, through the efforts of Rick, Alice Sapienza-Donnelly and many others, the garage was saved, but no instance of recognizing it as a museum or moving it to another location.

Finally, this past mid-March through mid April, 2001, a group called the National Museum of Broadcasting led by Rick and Alice was able to save the garage removing it piece by piece and placed in

storage. There were enough funds to do this, but not save the house except for some mantel pieces and other small items. In this month of August, 2001, the National Geographic Channel was in Pittsburgh to document this garage saving event and interview Ms. Donnelly for a special to air on their channel November 2, 2001, the 81st birthday of KDKA. We do hope any or all our members will tune in to hear this story. Thus the 'Conrad Project' continues in the efforts that someday a museum will be created for the garage! Rick's presentation was enthusiastically received by the members and he has let it be known that I will be his direct contact for the NRC if any new information for the 'Conrad Project' is updated. We had hoped to record Mr. Harris' presentation, but due to copyright designation, this did not occur. Once again as Jack Bogut suggests, "its a theatre of the mind!" Anyway, thanks Rick and much success to establish a KDKA museum!

With the storm front passed, we began a new month on Saturday, September 1st with bright blue skies. 'Ole blue eyes himself', Ben Dangerfield entertained the members and myself with a discussion, "Through the Years Down Memory Lane" describing how it was to be raised and grow up listening to and experiencing early Pittsburgh radio during the 1930's and 40's. Ben's half-hour time limit actually went almost an hour towards 11:30 AM, but it was ours to hear and treasure Ben's unlimited speech! Thanks, Ben, and thanks to all who decided to go on our next venture which was an abbreviated and self-narrated tour of our brand-new home for Pirate baseball, the "jewel of the North Shore", PNC Park. I only allotted 15-20 minutes for a brief walk around the park, as the team's tourist department scheduled inside tours only on weekdays. So we saved \$6.00!

We also saved our time as it became well spent upon our next stop in the city's Oakland section and home to our public broadcaster, WQED-89.3/WOED-13/WQEX-16. Located at 4802 Fifth Avenue, our host was Paul Johnston, Community Broadcasts Manager and midday 12-3 PM host on "All Classical 89.3"! As all of the 22 members and guests arrived by car within 15 minutes of each other, we began the tour of the large concrete building, 'The Bayer Broadcast Center for the Arts', around 1:30 PM. All of the doors except for the back were electronically alarmed, so it became necessary to enter that way. On a personal note, I've greatly enjoyed classical music for over 23 years and have found Mr. Johnston to be a very interesting and informative personality, much like our tour, and rate his 'broadcast voice' to be in the 'top 5' if not the best locally. Our previous agreement was to have Paul come to the Radsson, but this worked even better! On that morning, I was surprised to learn that the station's repeater, WOJ-89.7, was doing a remote at a summer festival in Johnstown, PA. Still, it was entertaining for Paul and our members to hear and/or see the stations. Some highlights included Mr. Johnston's description of 'Mr. Rodger's Neighborhood' set for this is the last year for the kind and generous Fred Rogers show produced for children. We also came upon Studio A and B for TV 13 and 16 while downstairs we descended to find 89.3 home of "the original oldies!" An impressive record library of old albums and the current music on CD's can be accessed at any time. The station even has a recording studio complete with a baby grand piano. All the equipment is up to date far removed from the day 89.3 signed on January 25, 1973. The stations rely on a paid staff, hundreds of volunteers, and thousands of benefactors through pledge drives 2-3 times a year.

WQED Pittsburgh, the parent company, is nationally-, if not internationally-known, and has under its ownership Pittsburgh magazine, "On Q Magazine", a locally produced TV information show, and has a direct line of contact and records Pittsburgh Symphony broadcasts. 89.3 also produces local recordings of classical music over speakers in the city's three subway stations downtown and at Pittsburgh International Airport.

WQED TV'S producer and writer Rick Sebak has 25 videos of Pittsburgh and statewide places, events, and themes including his latest, "Something About Oakland" of which the video opens at my cousin's store, "Groceria Merante!" I'm in negotiations with Rick to produce "Something About the NRC!" Anyone can access the FM at www.wqed.org/fm. Our final gathering was a group photo with



"I paid how much for this KDKA shirt?" Richard Lucas may be thinking as he checks out the size during the annual auction.

Paul outside the station, shot by two women walking by (hey, sign 'em up!), and in front of the designated plaque, "STATION WQED Television station, located here, opened April (1) 1954, as first community-sponsored educational television station in America. In 1955, it was the first to telecast classes to elementary schools." Thank you, Paul, and WQED for a 'Back to reality' tour!

Nearing 3 PM and a scheduled event, plus the enthusiastic interest from member Bruce Conti, three cars arrived at our next destination, Dr. Conrad's old home. Located about three miles east of WOED in Wilkesburg, the wrecking ball will come soon for the house as it's to be replaced by a larger Wendy's (Wendy's?!) restaurant as the smaller one is across the street. The plaque which was mounted on a pole in front of the house is gone, but I was able to photograph it on July 7 and made a copy in the bulletin on the back page for all attendees. Thus it stated, "FRANK CONRAD (1874-1941) At his garage workshop here in 1919-1920, Conrad made broadcasts over his amateur station, 8XK, which introduced the concept of commercial radio and led to the start of KDKA. For 37 years a Westinghouse engineer, he held over 200 patents."

Now to further satisfy our quest, our odyssey, we headed east about 4 miles on Penn Avenue splitting from route 8 onto Greensburg Pike, a very small sign almost missed by the head vehicle. With Rick Harris' directions, two cars turned right at Perry Street, one block past the yellow brick school office building while Ernie Wesolowski made the turn one street before. No matter, as Ernie would go back Sunday the 2nd with our publisher Paul Swearingen. For the first time ever, I visited a local site I never knew existed and with little fanfare, but yet as the plaque read, "PIONEER SHORT-WAVE STATION On this site in 1923, Westinghouse opened a special radio facility to experiment with long-distance transmissions. Led by Frank Conrad, engineers here demonstrated the vital role of high-frequency

shortwaves in sending broadcasts around the world." With the building in the background, a different plaque on a large stone read, "FOREST HILLS - WESTINGHOUSE RECREATION CENTER Donated to the People of Forest Hills by CBS/ Westinghouse Electric Corporation This historic location was the site of the first worldwide radio broadcasts by KDKA in the 1820s, and the earliest transmissions of electronic television images. It later served as a popular recreation center for Westinghouse employees and retirees, for over 70 years. Dedicated June 19, 1999" This almost too-quiet setting had in fact been a gathering place as well as a historical one. This is also the site the National Museum of Broadcasting would hope to rebuild and relocate Dr. Conrad's garage, but they need the Forest Hills community to rescind control of the building for this to happen. Our final destination which I only found on July 7th was about 2 miles down the Pike to the old Westinghouse East Pittsburgh plant. The sprawling works is almost vacant except for a few businesses now known as Keystone Commons.



Scott Fybush and Dave Marthouse enjoy a jolly moment at the convention.

With a left turn and circling the block, I directed 4 members to the site of the first KDKA historic broadcast and another errie feeling, but also quite nostalgic! Here before us were 2 plaques, one placed atop the other by electronic engineers and this one, "This plaque marks the historical location of RADIO STATION KDKA The world's first commercial radio station and the site of the first and most famous broadcast, the Harding-Cox election returns on November 2, 1920 Erected on Jdne 17, 1977 by the Turtle Creek Bicentennial Commision and Westinghouse Electrical Corporation under the Pennsylvania Historical & Museum Commission Historical Sites & Landmarks" The holy grail had been found, our odyssey was complete! Behind the plaques and still standing, but completely closed was the 8 story 'K' Building, and somehow you could even more sense a chilling feeling or was it just the wind?! In any event, our journey today was complete, and now to the NRC Dinner!

Returning to the Radisson, five standard convention events occurred as they do normally, but all important and enjoyable, plus an added one in the late evening. First was the 'state of the union ad-

dress' or the NRC Business Meeting conducted by Paul Swearingen, filling in and doing a commendable talk. Simply put, the NRC is healthy, but dues are going up and the AM Log Book was almost done, but was not released yet, so as always, thanks Wayne Heinen and crew! Next was the group photo in the hotel miniature golf courtyard, the photographer was my friend and Pittsburgh (Hail to Pitt!) college buddy, Dan Emerick!

Next at 6 PM was dinner and musical interludes in the Stephen Foster Room, a buffet style dinner enjoyed by all! Next was our speaker, Scott Fybush, notified just a few minutes earlier, apologies for the unexpected request, but a really informative and enjoyable talk on the current state of radio and satellite radio, thanks Scott! My original guest would have been legendary local personality, Mr. Bill Brant. Bill was in local radio and some TV for 45 years beginning in 1942 at WJPA-1450, WWSW-970, KDKA radio and TV and the forerunner, WDTV-3, then finally at WJAS retiring in 1987. Still a musician, Bill had throat surgery a week before and was not allowed to speak. In between, we met a friend of Scott's, Mr. Ray Rosenblum, a local media broker. Ray buys and sell radio stations and is the son of W Issac Samuel Rosenblum of WISR-680 Butler, PAI thanks for visit Ray and let's sign him up! Following Scott's speech, we returned to the Thomson Room for a drawing of 2 door prizes, a 50/50 raffle with \$64 won by Ray Arruda, and the always infamous NRC/DXAS Auction! Again, Paul Swearingen served as auctioneer and this host served as the hostess, or assisted Paul! The two-and-a-half-hour auction wrapping up around 10:45 PM netted \$508.06 and all proceeds have been sent to NRC Treasurer Dick Truax.

Two highlights as Richard Lucas won a KDKA short sleeve with collar shirt and Dave Marthouse of WODY-1230 won the KDKA 80th anniversary CD, plus many people bid a few bucks to win some, "crap!" Following the auction, Curt White hosted a DXpedition outside the hotel.

On a beautiful Sunday morning, September 2, there were several enjoyable events as the exhausted host almost slept through all of them! We began with a delicious NRC/DXAS Breakfast Buffet in the Foster Room which was actually 30 minutes longer past 9:30 AM. The breakfast was followed by the DXAS Travellog hosted by John Bowker in the Thomson Room. Five DXAS members participated plus a potential new member, Paul Blais, made it six! The frequency John chose was 670.

Next was a Verbal DX Quiz hosted by John and myself which turned out to be too easy for most. Then free time as several members took rides on the Gateway Clipper fleet on Pittsburgh's 3 rivers. In the meantime, I had hoped to arrange some spaces on "Just Ducky Tours" which narrates a tour of the city from land and water, but this did not occur and my apologies. Later in the day, an impromptu 'NRC Roundtable' took place with interviews from always interesting Clarke Ingram who noted local changes including WPIT-730 picking up Dr. Laura and local talk and his release from WJJI-104.7 "The Beat", Dave Marthouse co-owner of WODI-1230 always with a laugh or a compliment or praising spam (!), Larry Stolar or Larry 'Steele' named after 'The Real' Don Steele by friend Dave as both could rival any local morning team, Bob Antoniuk who's a high school sports fan and does announcing on WGHT-1500 NJ, and finally a kind gentleman from Cincinnati, Clarence Cordrey.

Our final convention event was an extremely interesting and informative demonstration of phased antennas for reception of transatlantic signals by Bruce Conti. Across the hall, the Heinz Room was secured for Bruce's demonstration which consisted of running two longwires 230' out the sliding glass door and attached to his Drake R8. It was noted reception would have been better if a room on the 6th floor was reserved so the wires could have run down from a higher distance. However, in between all the hotel noise and slop from WAM0-860, Bruce nabbed Croatia 1134, France-162, St. Pierre-1375, and a likely het from Slovakia-1098.

Though to best describe conditions tonight according to Frank Merrill, "Nor-way tonight!" Thanks Bruce for an enjoyable session!

Our gratitude goes to many people, but to mention a few now go to Paul Kemp-Pittsburgh Convention Bureau, Fred Osterman at Universal Radio, Inc., Fair Radio Sales, and Antique Radio Supply, 'All Ads Up' silk screeners, Judi Castelli Killen at Jones Associates for the magnets, Sheri Rusiski of the Pittsburgh Pirates, Larry Berger for 2 psas on WYEP-91.3, Dave Crawley at KDKA TV 2, my friends, and all of you members who attended and - those that could not attend. Best of success to my friend and roommate, though not this year, to Chris Cuomo for his attempt to host NRC 2002 in Birmingham,



Bruce Conti lays antenna wire on the edge of the hotel parking lot in preparation for his phasing demonstration Sunday night.

Al.. Our decision was not complete when we departed. Thanks to all and God Bless America.

73s, John Malicky
NRC/DXAS Pittsburgh 2001 "A Radio Odyssey"

Attendees:

PA: Mr. & Mrs. B. Dangerfield, Mr. & Mrs. K. Geary, C. Ingram, J. Malicky, J. Orkwis, C. White, D.

Emerick

NJ: R. Antoniuk, P. Mount, R. Smolarek, Mr. & Mrs. R. Stonier MA: Mr. & Mrs. R. Arruda (wins the first-time-in Pittsburgh award)

ON: P. Blais, J. Calleyal P. Ryan, D. Whatmough

NY: J. Bond, S. Fybush, R. Lucas, L. McCusker, M. Wishnewwitz

FL: Mr. & Mrs. J(L Bowker, M. Lantz MD: R. Clark

NH: B. Conti

OH: C. Cordrey I G. Greene, Mr. & Mrs. J. Starr AL: C. Cuomo KY: M. Dunn TN: D. Jones

VA: D. Marthouse, A. Merriman MN: G. Sherman CT: L. Stolar

KS: P. Swearingen

WV: Mr. & Mrs. B. Swiger

WA: S. Weisbeck (wins the unofficial NRC/DXAS Award for Furthest Attendee)

NE: E. Wesolowski



The approximately 50 2001 NRC convention attendees included the above 33 who participated in the obligatory Saturday evening group shot, followed a few minutes later by the dash for the banquet room.

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See? No problem!

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**DX'er's
Notebook**
Shared tips, topics, and Internet info

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

We continue our look at three highly touted portable receivers this time, as we finish up on the Sony ICF-2010, and begin on the CCRadio. The DX-398 will be spotlighted in future columns.

SONY 2010

Picking up where we left off last time,

David Hochfelder <hochfeld@rci.rutgers.edu>: One question I have...was it difficult to install the Kiwa modules? Do you think it was worth it to install them? I've been thinking about doing that. Thanks.

Bruce Conti <BACONTI@aol.com>: If you know how to use a soldering iron, and have PC board rework experience, then it's a piece of cake. I've successfully installed the upgrade in less than optimal conditions, for Jim Renfrew at Newfie with a "wood-burning like" soldering iron. Instructions are very clear and concise. They include solder and solder wick in the upgrade kit. Just be aware that if you do it yourself, then it voids the warranty.

Bruce Conti: The Kiwa address is <http://kiwa.com/> or simply type Kiwa into your search engine and it should get you there. Click on "Filter Modules for Sony ICF-2010/2001D." They sell filter upgrades for a number of popular receivers, budget to high-end.

Rick Dau <rdau36@yahoo.com>: Rick and Bruce, I've read your posts with interest, since I, too, own an ICF-2010. Since the end of the AM season, I've been giving thought as to whether to keep the 2010 or try to pick up a receiver that has better ability to reduce (as much as possible) splatter from local stations, images, spurs, and mixing products.

Among receivers out there on the market, how does the 2010 rank in these categories? I remember Chicago's Rob Kramer writing into *DX News* about a decade ago and raving about the then-new Kenwood R-5000, saying that it did a masterful job and nearly eliminating splash from his local 50 kW blow torches, enabling him to get stations on 660, 680, and 710, among other frequencies. With the possibility of moving to a large (i.e., one with at LEAST 6 AM stations in the market) city looming in the near future for me, I'm interested in acquiring a radio that can cut down on the splash, gets rid of the mixing products, and still manages to reel in the hard-to-hear stations. Is the 2010 a good receiver in accomplishing those feats, or are there radios on the market that are better? I'd love to get hold of a rig that does all those things, yet also has a digital readout and features push-button tuning that enables one to leapfrog frequencies (like what the 2010 features). What kinds of advice and suggestions can you give me? I'll throw that question open to all of you reading this.

Frederick R. Vobbe <fredv@nrcdxas.org>: What does it cost to have Kiwa modify the radio, and what exactly is the before/after effect?

Bruce Conti: The result of the Kiwa filter upgrade is improved selectivity. The stock filters in the Sony ICF-2010 are extremely sloppy. The tighter Kiwa filters will improve your chances of hearing transatlantic signals on mediumwave, and remove hets from shortwave signals spaced 5 kHz apart. It's well worth the investment if the Sony ICF-2010 is your primary DX receiver. Visit www.kiwa.com for more info.

Rick Kenneally <woodlandview@yahoo.com>: Fred, Take a look here: <http://www.kiwa.com/sony.html>. The Kiwa mod replaces one or both of the Sony filters (wide and/or narrow) with filters that have better ultimate selectivity and better shape factors. The wide filter replacement is \$20 plus S&H, and the narrow is \$50. The narrow is a bit tight for AM DX, but nice for SSB and CW. The wide filter is great, making a noticeable difference in TA reception (I've compared a modified 2010 to an unmodified, and the difference is quite noticeable).

Russ Edmunds <wb2bjh@nrcdxas.org>: OK - I'm confused. Why would the wide filter make a noticeable and positive difference on TA's unless you had signals so strong you were looking for better sound? And are you saying that the narrow filter is too narrow for TA DX'ing? One would normally think that for TA DX narrower would be the way to go so as to reduce splatter from locals, unless, of course, one doesn't have any :-)

Rick Kenneally: Russ, The narrow filter, I find, is useful only in extreme circumstances because it cuts so much of the audio. If you could move the passband far enough away from center, so that you were picking up more high-frequency audio, then the narrow filter might be more useful. However, moving that far off center usually causes the sync to lose lock (no surprise - asking a portable to sync 600+ Hz away is extreme).

The Kiwa wide filter, coupled with sync, has a better shape factor than the stock wide filter and much better audio than the stock narrow filter. So to hear France on 1206, I used the wide filter and avoided the lower sideband resulting in decent selectivity with good audio.

If someone has experience with the Kiwa narrow filter and knows how to get good audio out of it, I'd love to hear about it.

Frederick R. Vobbe: Any degradation to the wideband audio frequency response? How much if left?

Bob Galerstein <bgwb2vgd@nac.net>: I found the Kiwa replacement for the narrow filter works as advertised, but for me, the audio was too muddy to make out ID's in the "muck." So, I placed the Kiwa replacement filter for the wide switch in the Sony's narrow position. Also works as advertised and is a definite improvement over the stock wide filter.

Frederick R. Vobbe: One last question on this. How hard is it for someone with reasonable soldering skills to change this filter?

Mark Durenberger <Mark@durenberger.com>: Not too hard, though you should have a steady hand and a tiny soldering iron.

Frederick R. Vobbe: That I do, on both counts. I guess it's now a matter of seeing which filter best suits my needs.

Bob Galerstein: Fred, If you have "reasonable" soldering skills, you should be fine...just be careful with those surface mount resistors. Use as fine a soldering tip as possible.

Rick Kenneally: Fred, For me, the hardest part was getting the old filter out. Clearing the solder off the old filter's pins enough to extract it gave me some headaches. I did the wide filter first, then someone posted a tip about "pre-tinning" the desolder wick. That made all the difference, and the second extraction went much easier. Once the old filters are out, it's a snap.

Also, if you do the narrow filter mod, pay close attention to the little piece of paper that tells you which wire is which. Because of the heat-shrink tubing they put on the leads from the narrow filter, it isn't obvious what is center and what is shield. Enjoy!

Bruce Conti: I would go with the full upgrade; wide and narrow. You can recover the highs for DX audio with the narrow filter engaged if you tune slightly off frequency. Typically, this is also how you would force the sync detect to one sideband. For example, if you want to hear France on 792 kHz, with the sync detect engaged, tune slightly higher to force it to select the upper sideband and reduce interference from 790 kHz domestics. With the filters installed, you can still get extra wide audio for program listening simply by not engaging the wide or narrow filters. The narrow filter also improves old-fashioned ECSS reception using the upper or lower sideband modes.

Mark Durenberger: Has anyone been able to relate the signal-strength LEDs on the Sony 2010, to S-units? I'm curious if there IS a relationship. Thanks.

Rick Kenneally: Sony 2010 owners: I just did the mod referred to below on both my 2010s, essentially defeating the high pass filter that is applied to signals from the am antenna jack. It works great, allowing me to avoid some active amplification from my longwire. The instructions at Larry's website are fine - the only thing he doesn't mention is that L305, the component you must disconnect, is not on the main circuit board. It is on the small board near all the jacks, and is therefore easier to get to than anything on the main board. Thought you'd like to know...<http://www.angelfire.com/mi/flush/>

Bill Hale <phantom2@eaze.net>: My trusty 10-year old, my ICF-2010 is suffering. Seems the jack into which the power plug is inserted has, in some way, broken. I've contacted Sony Parts, and the board on which it's mounted costs \$157 and the jack itself, J305 isn't available. Does anyone have a source of parts for the -2010?? Could another jack be mounted on the circuit board? Any help is appreciated. PS - Glad I've got the DX-398 in the bullpen.

Patrick Martin <mwdxer@webtv.net>: This reminds me of my old boom box that has the phone jack on the board and I cannot get that replaced either. I have tried to get to the jack but it is impossible.

It may not be perfect ...

but the *NRC AM Log* is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to
Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831, or nrclog@aol.com. Thanks!

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Professional Sports Networks

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Network listings for team sports stations

I was going to include the handful of NFL network lists that I have, but at the last minute Bob Karchevski sent me this URL: <http://www.monitoringtimes.com/mt-bball.html> which is "The Baseball Listener's Guide 2001" - compiled and edited by Ken Reitz (ks4zr@firstva.com). I retrieved this web page on 09/20/2001. This web page has 28 network lists for the Major League Baseball teams. I have no idea what the sources are for Ken's page, and I did not have time to send him e-mail. Below are the network lists that I did not previously have. I still need many of the National Football League network lists.

Atlanta Braves 2001 Skip Caray, Pete Van Wieren, Don Sutton, Joe Simpson

540	WQTM-FL	1240	WFEB-AL	1450	WDNG-AL	95.7	WATG-GA
550	WDUN-GA		WPAX-GA		WBHF-GA	95.9	WTWX-AL
580	WGAC-GA		WTWA-GA		WCON-GA		WDXE-TN
	WMGA-GA		WWNS-GA		WKEU-GA	97.7	WKLD-AL
590	WCAB-NC	1270	WLIK-TN		WMVG-GA	98.1	WZLG-GA
600	WCVP-NC	1280	WPID-AL		WGNC-NC		WPEK-SC
610	WCEH-GA	1290	WVOW-WV u		WCRS-SC	98.7	WISK-GA
	WFNZ-NC	1310	WHEP-AL		WKAQ-SC	99.1	WBAW-SC
630	WJDB-AL		WTTL-KY		WGSN-TN	99.3	WKDK-SC
	WBMQ-GA		WKDK-SC	1460	WBCU-SC	99.5	WDMG-GA
680	WRGC-NC	1320	WTCK-NC	1470	WCLA-GA	99.9	WACQ-AL
690	WJOX-AL		WKIN-TN u		WWBG-NC		WSNT-GA
720	WMXY-GA		WMSR-TN	1480	WABB-AL	100.1	WMCD-GA
730	WUMP-AL	1330	WBTR-GA	1490	WSNT-GA	100.3	WVNA-AL
	WLIL-TN		WMLT-GA		WAZZ-NC	100.9	WLYU-GA
740	WMSP-AL	1340	WMRK-AL		WOHS-NC	101.3	WAGF-AL
	WBAW-SC		WBBT-GA		WSTP-NC		WYOO-FL
750	WSB-GA *		WGAU-GA		WSVM-NC	101.7	WTHO-GA
790	WSFN-GA		WTIF-GA	1560	WLJA-GA	101.9	WSGC-GA
860	WDMG-GA		WQSC-SC	1570	WCRL-AL		WVOW-WV u
900	WEAS-GA	1350	WGAD-AL	1580	WKUN-GA	102.3	WKZR-GA
	WJTH-GA	1360	WZPQ-AL	1590	WTGA-GA	102.7	WCNG-NC
910	WJCW-TN	1370	WCOA-FL		WCSL-NC	102.9	WMJE-GA
930	WNZS-FL		WLOP-GA		WABV-SC	103.9	WDDK-GA
	WSLI-MS		WDXE-TN		WATX-TN		WQSY-GA
940	WMAC-GA	1380	WTOB-NC	1600	WGIV-NC	104.5	WYU-GA
950	WSPA-SC	1390	WISK-GA		WFIS-SC	104.7	WAAZ-FL
960	WGRO-FL	1400	WCOS-SC	92.1	WKUL-AL	105.1	WEHR-GA
990	WEIS-AL		WJZM-TN		WBTR-GA		WHEL-GA
1000	WVWI-VI	1410	WLAQ-GA		WPEH-GA	105.3	WSTI-GA
1050	WWIC-AL		WEGO-NC	93.1	WBBK-GA	105.5	WIFO-GA
	WJSB-FL		WPCC-SC	93.5	WLJA-GA	106.3	WKNU-AL
	WLON-NC		WCMT-TN		WLIL-TN		WGMK-GA
1070	WAPI-AL	1420	WKWN-GA	93.7	WALI-SC	107.3	WCLA-GA
1130	WACQ-AL		WPEH-GA	94.3	WPUB-SC	107.5	WTIF-GA
1220	WCPH-TN		WRCG-GA	95.1	WCDZ-TN	107.7	WAGC-GA
1230	WBLJ-GA	1430	WLTG-FL	95.3	WRLD-AL		

Baltimore Orioles 2001 Jim Hunter, Fred Manfra

800	WCHA-PA	1040	WYSL-NY p	1280	WHVR-PA	1470	WTTR-MD
910	WSBA-PA	1090	WBAL-MD *	1340	WEPM-WV	1490	WARK-MD
930	WFMD-MD	1200	WAGE-VA	1400	WINC-VA	1500	WTOP-DC
970	WAMD-MD	1260	WNRK-DE	1450	WTBO-MD	106.3	WCEM-MD

Anaheim Angels 2001 Mario Impemba, Darren Sutton							
570	KLAC-CA *	1240	KLOA-CA	1410	KTIME-CA	1540	KMPX-CA E
600	KSJB-ND	1340	KRLV-NV v	1440	KUHL-CA	103.9	KFDX-CA
1090	XPRS-BC SS	1350	KBDI-CA A	1510	KMXN-CA D		
Arizona Diamondbacks 2001 Greg Schulte, Rod Allen, Thom Brennaman, Jim Traber							
600	KVNA-AZ	950	KNFT-NM		KATO-AZ	1420	KTAN-AZ
	KROD-TX	980	KNTR-AZ	1340	KIKO-AZ	1490	KFFN-AZ
620	KTAR-AZ *	990	KSVP-NM	1400	KJOK-AZ	1540	XEHOS-__
750	KAMA-TX S	1050	KNML-NM		KSUN-AZ SS	92.0	KZUA-AZ
760	XENY-__	1130	KQNA-AZ		KSHV-NV	106.7	KPPV-AZ
780	KAZM-AZ	1230	KAAA-AZ				

Musings

of the Members

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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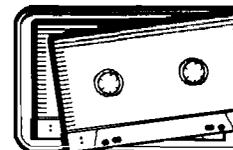
Times are local per Muse; submit double-spaced only.

Ray Arruda - 47 Burt Street - Acushnet, MA 02743-1939

Another DX Season is upon us, with summertime and the NRC 2001 Convention behind us. Time has flown by this year. Arlene and I had a great time in Pittsburgh and would like to publicly thank our host JOHN MALICKY for an excellent convention from start to finish. His thoughtful, thorough planning and attention to detail made this years GTG enjoyable for everyone! It was nice to see all of our many good friends, especially some of our long time NRCer's...Mr. & Mrs. KERMIT GEARY and Mr. & Mrs. BEN DAINGERFIELD. Enjoyed a nice Sunday Riverboat ride in perfect weather with BOB & PATTI STONIER, BILL & BRENDA SWIGER and JERRY & BONNIE STARR. We made side trips to The Baseball Hall of Fame and The Football Hall of Fame for the first time and were both very interesting places to visit. We then returned home the Wednesday after Labor Day with some very fond memories of an excellent trip. For those who inquired about ERNIE COOPER at the convention...I have spoken to him via land line. He has slowed up just a bit but is still in good health and hoped everyone had a good time in Pittsburgh. He still enjoys reading DXN and listening to classical music but no longer DXes. With the onset of cooler weather, I am looking forward to trying for some of the DX Tests, checking in to The NRC Net more often, and my yearly visit to ERC on Cape Cod. 73

John Tudenham - 2824 Missouri - Joplin MO 64804

To introduce myself, I turned 70 and have been an NRC member since 1958. Helped host the Amarillo TX convention in 1961. I attended several conventions the last being Denver in 1995. Will not make the NRC this year, but plan to make the IRCA in St Louis. This will be my first IRCA convention. Growing up in St Louis I try to keep up with the radio scene there. Actually I started DX-ing with a crystal set when I was 9 years old. In those days St Louis only had 6 fulltime stations, and they all signed off by 1 AM, most by midnight. They were KSD 550, KMOX 1090, WIL 1200, KXOK 1250, KWK 1350 and WTMV 1500. In 1941 there was a big shuffle of frequencies and most stations moved up in frequency as the BC band was expanded to 1600. After local stations signed off I often listened to the local St Louis PD KGPC on 1706 and the Missouri highway patrol from Kirkwood MO I believe on 1674. Also listened to several nearby hams on 160 meters which got me interested in ham radio. I received my present call W0JRP in 1948. KWK 1350 was only 2 miles from me in north St Louis, so it was difficult to hear anything on the high end of the dial till they signed off at 12 midnight. From 11 till midnight those days most network stations had live dance music bands playing from various hotels in the country. Only the smaller non network stations played recordings. There were 4 major networks: NBC blue and red, CBS, and Mutual. The blue network later became ABC. KMOX was always CBS. KSD NBC, KXOK ABC, and KWK Mutual. One cold winter night after local stations were off I actually picked up XERF or some border station from Del Rio TX on my crystal set. I was so excited I woke my Mother and Dad up to tell them about it. With a better antenna a few weeks later I got WBBM Chicago. This got me interested in CBB DXing and up graded from the crystal set. Wouldn't it be fun if we had these CBB conditions today?



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