

DX News

* Serving DXers since 1933 *

Volume 64, No. 28 - July 21, 1997 (ISSN 0737-1659)



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From the publisher... We received word that two of our members lost parents recently; Steve Francis' mother died June 15, and Gary Houdek's father died July 8. Our thoughts are with them and their families. Earlier, Gary had sent me information about obtaining stamps from Canada and Mexico; the USPS offers them now. For more information, request a catalog from Fulfillment Service Center - Box 419636 - Kansas City, MO 64179-0996.

In DXN, Bob Harrison is back again, this time with the LA call letter history (and Ventura soon to follow!). And check out those X-band apps and all the sports broadcasting stations gleaned by Barry Finkel. Above all, stay cool!

NRC Convention: Location: RAMADA INN, Route 13 and I-295, New Castle, DE; 302-658-8511. Rooms: \$62 + 8% sales tax PER ROOM; each room contains two beds. All reservations must be made directly with the Ramada Inn, so mention the National Radio Club as this is a discounted rate. Registration: \$40 (cost of banquet, beverages, equipment rentals, etc.), members \$25 if not attending banquet; for those who are only attending the banquet on Saturday, the cost is \$10 per (wife attending banquet, etc.). Sign up starts on Friday afternoon August 29 with John and Linda Bowker and host Dave Schmidt. The banquet and meeting is scheduled for Saturday at 7:30PM with a buffet-style dinner (cash bar available), with special guest ALLEN LUDELL, who recently got national recognition for being involved with the first major market station to dump Rush Limbaugh! ALLEN is operations manager of WILM-Wilmington and an active DXer. Auction will follow. Sunday will be the DX QUIZ day, and John Bowker will do his DX AUDIO SERVICE thingies. We're also hoping to line up TONY FITZHERBERT to do his slide show presentation during the convention. Questions can be answered via P O BOX 11502, WILMINGTON, DE 19850. DO NOT SEND ME ANYTHING TO DO WITH YOUR ROOM RESERVATIONS; the Ramada Inn will handle them direct. If you are coming via train, Amtrak has excellent service to Wilmington, and we can pick you up if you'll let us know when you'll be arriving. If you are flying into Philadelphia, it's about a half hour away; we would advise making arrangements for transportation to Wilmington (Airport Shuttle service is available from the airport to Wilmington).

WTFDA Convention ... Hosted by John Broomall, this convention will take place August 1, 2, and 3 in Atlanta at the LaQuinta Inn in Norcross, GA, on I-85 two miles north of I-285. Room rates (each has two double beds) are \$49 per night; call 1-800-531-5900 or 770-448-8686 and request the "DX Weekend Convention Special." Registration is now \$42 (make check to "John O. Broomall"). For more info, contact John at WATC-TV 57 - 1862 Enterprise Drive - Norcross, GA 30093, or <<watctv@smart1.net>>. The WTFDA website is at <<http://www.users.scoast.net/daustin/wtfda.html>>.

DXN Publishing Schedule, Volume 64

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
29.	Aug. 8	Aug. 18	30.	Sept. 12	Sept. 22

DXN Publishing Schedule, Volume 65

1.	Sept. 26	Oct. 6	16.	Jan. 23	Feb. 2
2.	Oct. 3	Oct. 13	17.	Jan. 30	Feb. 9
3.	Oct. 10	Oct. 20	18.	Feb. 6	Feb. 16
4.	Oct. 17	Oct. 27	19.	Feb. 13	Feb. 23
5.	Oct. 24	Nov. 3	20.	Feb. 20	Mar. 2
6.	Oct. 31	Nov. 10	21.	Feb. 27	Mar. 9
7.	Nov. 7	Nov. 17	22.	Mar. 6	Mar. 16
8.	Nov. 14	Nov. 24	23.	Mar. 13	Mar. 23
9.	Nov. 21	Dec. 1	24.	Mar. 27	Apr. 6
10.	Nov. 28	Dec. 8	25.	Apr. 10	Apr. 20
11.	Dec. 5	Dec. 15	26.	May 8	May 18
12.	Dec. 12	Dec. 22	27.	June 5	June 15
13.	Jan. 2	Jan. 12	28.	July 10	July 10
14.	Jan. 9	Jan. 19	29.	Aug. 7	Aug. 17
15.	Jan. 16	Jan. 26	30.	Sept. 11	Sept. 21

DX Time Machine

From the pages of *DX News*:

50 years ago ... from the July 12, 1947 DXN: Final results of the 1946-'47 DX Contest were announced, with Eldon Addy, Marcus, IA, in first place, winning \$2; Stan Morss, Bradford, MA, in second, winning \$1.90, and Hal Wagner, No. Girard, PA, in third, winning \$1.80.

25 years ago ... from the July 1, 1972 DXN: Member response to the pending Night Pattern Book exceeded all expectations, and work continued on the proposed Day Pattern Book.

10 years ago ... from the July 13, 1987 DXN: A Cuban station relaying R. Moscow on 1040 kHz caused interference to 16 U. S. stations with its 300,000-watt transmitter.

AM Switch

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

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

CALL LETTER CHANGES

	Old call	New call
680	WXKN	KY Newburg
800	*New	WI Sauk Rapids
840	KRAO	WA Colfax
1020	KFFR	AK Eagle River
1030	WNTL	MD Indian Head
1160	WKYN	KY Florence
1190	WHYS	VA Bluefield
1230	KNUZ	TX Houston
1270	WTMO	GA Columbus
1290	KMEN	CA San Bernardino
1300	KMPS	WA Seattle
1310	*New	NY Canandaigua
1310	WAYC	PA Bedford
1330	KFCA	AR Conway
1340	WLZR	WI Milwaukee
1350	WMYM	FL Cocoa
1350	WDZS	SC Darlington
1400	WFPA	AL Fort Payne
1400	WJPS	IN Evansville
1410	WCIZ	NY Watertown
1450	*New	CO Colona
1450	WXVW	IN Jeffersonville
1480	KMEM	NE Lincoln
1550	WCCR	NY Canandaigua
1540	WMDO	MD Wheaton
1560	WCCP	SC Clemson
1600	WBAA	NC Charlotte
		WNAI
		WBHR
		KMAX
		KAXX
		WWGB
		WBOB
		WBDY
		KQUE
		WMLF
		KMRZ
		KKOL
		WCCR*
		WOOX
		KTOD
		WJYI
		WMMV
		WDAR
		WMXN
		WEOA
		WUZZ
		KAVP
		WAVG
		KLMS
		WLKA*
		WACA
		WAHT
		WGIV

*Call notes: In a precedent-setting move the FCC has authorized both a frequency change and a new AM station licensed to the same owner in Canandaigua, NY. WCCR's move to 1310 has been considered as a "new" station and their call has been assigned to that new station. Since the 1310 facility failed to cover all the areas the 1550 facility covered WCCR successfully petitioned the FCC to "recharacterize" (FCC-ese) the application to move to 1310 as a CP for a new station. Since no comments were filed to oppose this move the FCC waived a comparative hearing and allowed the owner, George Kimble, to continue operating the 1550 station under the call WLKA as well as the new 1310 facility. The stations are now simulcasting.

APPLICATIONS FOR NEW STATIONS

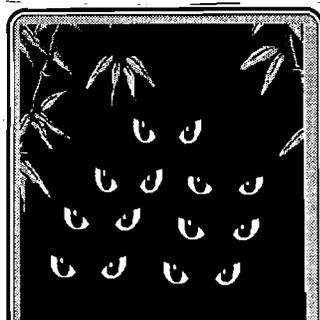
670	NY Waddington: 10000/1500 (6000 CH) U2 (Waddington is on the St. Lawrence Seaway about 20 miles southwest of Massena, NY)
1400	WY Casper: 1000/1000 U1

GRANTS FOR NEW STATIONS

800	WI Sauk Rapids: 2600/850 U4
1240	AK Seward: 1000/1000 U1

APPLICATIONS FROM EXISTING FACILITIES

680	WINR	NY Binghamton: day power to 5000 watts
950	WAKM	TN Franklin: day power to 2500 watts
960	WJCM	FL Sebring: to 1050 kHz with 1000/11 U1 (this station is presently silent; the costs of engineering this frequency shift are being carried by Jacor to allow its WFLA in Tampa to increase power; see below)
970	WFLA	FL Tampa: 20000/10700 U2
1150	WTMP	FL Temple Terrace: reduce night power to 500 watts, city of license to Egypt



From NRC's DX Audio Service
'After Dark 7'
Now available: The KVET story, writing reception reports, Superadio battles, Broadcast Pioneers, digital TV, Pirates in Miami, Tommy Charles tribute, and much more! 4 C-90 tapes in a white binder: \$9.50 postpaid from NRC Publications - Box 164 - Mannville, NY 13661. NY orders, please add sales tax.

WSER

AM 1650

192 MALONEY RD.
ELKTON, MD 21921

1230	WKBO	PA Harrisburg: 520/520 U1
1290	WRRR	VI Fredericksted: 10000/4000 U4
1510	WXIT	NC Blowing Rock: 10000 (7200 CH) D1
1530	KNEZ	TX Creedmore: CH power to 1100 watts

Lake, FL



GRANTS TO EXISTING FACILITIES

830	KPLS	CA Orange: 25000/1000 U4 (this is licensed as an intrim facility until the CP for 50000/20000 can be built)
980	WHSR	FL Pompano Beach: relocate transmitter site
1190	KVSV	KS Beloit: add 90 watts nights, antenna to U4
1210	WJZZ	MI Frankenmuth: 50000 (2500 CH) D1, relocate transmitter site, city of license to Kingsley, MI (this is more than just a local transmitter relocation; Kingsley is more than 120 miles northwest of Frankenmuth)
1290	WZOD	VA Colonial Heights: 25000/41 U1
1430	WMNC	NC Morganton: 2750/460 U1, relocate transmitter
1430	KLO	UT Ogden: 10000/5000 U4
1480	WHBC	OH Canton: day power to 15000 watts, relocate daytime transmitter site
1550	WEVR	WI River Falls: decrease day power to 920 watts, relocate transmitter site

OTHERNESS

610	KAVL	CA Lancaster: CP for 4900/4000 U4 is on
620	WHJB	PA Greensburg: CP for 1300/113 U1 is on
670	WVNS	VA Claremont: new station is conducting on-the-air testing with unmodulated carrier
730	CKNR	ON Blind River: station is SILENT (see 930 below)
870	WFLO	VA Farmville: CP for new site is on
880	WTZY	NC Fairview: this new station in suburban Asheville, NC expects to be ON THE AIR by the time you read this; can a member in that area let us know if this happens?
930	CKNS	ON Espanola: station is SILENT (both CKNR-730 and CKNS-930 relayed CKNR-1340; now that CKNR has moved to FM it has a signal that reaches both Blind River and Espanola, and it is expected that CKNR and CKNS may be off the air permanently)
980	WRNE	FL Gulf Breeze: in the FCC's bizarre and yet unexplained policy of cancelling the licenses of stations that are presently operating WRNE is the latest victim. They are still on the air. See Otherness Issue 27 for more.
980	WLMX	GA Rossville: CP for 500/113 U4 is on
990	WALE	RI Providence: CP for 50000/5000 U4 is on
1010	WITL	MI Lansing: license CANCELLED, call DELETED
1010	KTUR	UT Tooele: CP for 50000/13 (3100 CH) U1 from new site is on
1053	KCNM	MP Navy Hill: CP for 1080 kHz 5000/5000 U1 is on (included for the enjoyment of those who experience trans-Pacific DX)
1060	WGSB	NC Mebane: silent station is ON THE AIR relaying WRTP-1540 Chapel Hill, NC
1130	WKIJ	AL Parrish: station is SILENT
1220	WSFT	GA Thomaston: station is SILENT, the FCC has DISMISSED the license renewal of WSFT so this one may be off for good
1240	KQEN	OR Roseburg: CP for new site is on
1250	KBTC	MO Houston: station is SILENT
1270	WMLF	GA Columbus: silent (as WTMQ) is ON THE AIR
1320	KXYZ	TX Houston: CP for new site is on
1340	KBTA	AR Batesville: CP for new transmitter site is on
1340	WTYS	FL Marianna: silent station is ON THE AIR (see Otherness Issue 27)
1340	CKNR	ON Elliot Lake: station is SILENT, has moved to 94.1 FM, AM license CANCELLED
1350	WDAR	SC Darlington: silent station (as WDZS) is ON THE AIR
1360	KHNC	CO Johnstown: license CANCELLED, call DELETED
1370	KPCO	CA Quincy: station is SILENT
1400	KITZ	WA Silverdale: station is SILENT (and a check of the KITZ web site produces only an announcement that the station is for sale)
1450	KGRZ	MT Missoula: CP for new site is on
1470	WBCR	TN Alcoa: CP for 956/82 U1 from new site is on

1490 KPKE	CO Gunnison: new station is expected to be ON THE AIR by July
1490 WBTA	NY Batavia: CP for 1000/710 U1 is on
1510 KFNN	AZ Mesa: CP for 22000/100 U4 is on
1540 WAKY	KY Greensburg: station is SILENT
1540 WTXY	NC Whiteville: FCC has rescinded the cancellation of this license and reinstated their operating authority and call; the license was cancelled and call deleted in April.
1560 WTKN	AL Daleville: station is SILENT
1570 KYCR	MN Golden Valley: CP for 3800/230 U1 is on
1590 WABV	SC Abbeville: silent station is ON THE AIR



EXPANDED BAND NEWS

The deadline for stations with an Expanded Band allocation to file for a Construction Permit was June 16, 1997. It appears that about half the stations that could apply to build an X-Band station have actually done so. Below are the stations that have made such application:

540 KNOB	CA Costa Mesa	1650	1360 WCHQ	PR Camuy	1660
550 WSWA	VA Harrisonburg	1700	1370 KAST	OR Astoria	1700
570 WVMI	MS Biloxi	1640	1370 WKSH	WI Sussex	1640
600 KNRO	CA Redding	1670	1380 WAOK	GA Atlanta	1650
630 KTKK	UT Sandy	1640	1390 KKSO	IA Des Moines	1700
690 KECN	ID Blackfoot	1620	1390 KENN	NM Farmington	1620
790 KOQO	CA Clovis	1630	1390 KCRC	OK Enid	1640
800 KSOS	UT Brigham City	1660	1420 KRIZ	WA Renton	1620+
810 WDDD	IL Johnson City	1690	1440 KMLB	LA Monroe	1680
900 KALT	TX Atlanta	1610+	1450 WKZQ	SC Myrtle Beach	1620
920 WPTX	MD Lexington Park	1690	1470 WBIT	GA Adel	1690
930 WZNN	NH Rochester	1700	1480 WODX	FL Marco Island	1660+
950 KAHI	CA Auburn	1620+	1480 WRDW	GA Augusta	1630
950 KDSX	TX Denison	1700+	1480 WTDY	WI Madison	1670
960 WTGM	MD Salisbury	1670	1530 KHPY	CA Moreno Valley	1670
970 KHVN	TX Fort Worth	1630	1530 WJDM	NJ Elizabeth	1660
990 KROK	CO Denver	1650	1530 KJLL	WY Fox Farm	1630
1090 WGOD	VI Charlotte Amalie	1690	1550 KXEX	CA Fresno	1680
1110 KRCX	CA Roseville	1690	1550 KQXI	CO Arvada	1690+
1150 WTAW	TX College Station	1620	1550 KQWB	ND West Fargo	1660
1150 KSVE	TX El Paso	1650	1550 WJRX	NJ Toms River	1620
1180 KOIL	NE Bellevue	1620	1560 KCJJ	IA Iowa City	1630
1190 KXBT	CA Vallejo	1640	1580 KTFN	CA Merced	1660
1210 WCMQ	FL Miami Springs	1700	1580 WHLY	IN South Bend	1620
1220 WGNV	NY Newburgh	1620	1580 KRZI	TX Waco	1660
1250 KCNZ	IA Cedar Falls	1650	1590 WGYJ	AL Atmore	1620+
1250 WREN	KS Kansas City	1660	1590 KLFE	WA Seattle	1680
1290 KKSL	OR Lake Oswego	1640+	1600 WEUP	AL Huntsville	1700
1290 WRRR	VI Fredericksted	1620	1600 WOKB	FL Winter Garden	1680
1300 WSYD	NC Mount Airy	1640	1600 WNML	GA Warner Robins	1670
1320 KWHN	AR Fort Smith	1650	1600 WMHG	MI Muskegon	1680
1320 KHRT	ND Minot	1620	1600 WGIV	NC Charlotte	1660+
1350 WHWH	NJ Princeton	1680	1600 KBOR	TX Brownsville	1700
1350 WPHM	VA Portsmiuth	1650			

If you are a user of *M Street Journal* the stations marked with the plus (+) sign are stations that were missing from their 7-2-97 list. Some notes on the above. KXBT-1640 returns to this frequency from 1630. KXBT and WJDM are already operating on an STA and are making a formal request for permanent license status.

WGNV-1220 was not allotted an expanded band frequency but they are petitioning for a waiver to allow them to be included. WCHQ-1360 would change city of license for their X-Band station from Camuy to Canovanas.

As you might have guessed at least two petitions for reconsideration have been filed against List Three. Did I hear somebody say "Here we go again"? Press Broadcasting of New Jersey has asked

the Commission to reconsider the five-year period during which stations may operate on both frequencies, suggesting that operations on the old frequency should cease immediately upon initiation of expanded band operations. The other is from WONX-1590 challenging the engineering studies that bumped it from List Three. They were allotted 1700 on List Two. While the first petition can be dealt with easily the one from WONX may have sufficient merit to turn things topsy-turvy once again.

And finally, if you've noticed an improved signal from WJDM-1660, it may be due to their move from the short 80 foot tower in Elizabeth to the Meadowlands where they are now dplexed into tower #2 of the WKDM-1380 antenna system

THANKS: John Bowker, Al Merriman, Ed Krejny and MSJ

Jimmy & BKF

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

Radio Roundup

Pete Kemp (KZ1Z) PeteKZ1Z@aol.com
P. O. Box 73
Bethel, CT 06801-0073
News of the radio industry, of interest to DX'ers

Greetings all ... Rebecca Hedrick has joined WIBC (1070, news/talk) as a traffic reporter for the late morning/early midday shift. Joanne Klooz returns to the air from other duties at the station to report traffic in the late midday and early afternoon ... Interested in radio history? Check out Towers Over Kentucky, a History of AM and TV Broadcasting in the Bluegrass State. It is available for \$22 from the Kentucky Broadcasters Association, POB 487, Grayson, KY 41143 ... KSDO-1130 is simulcasting KOGO-600 from 9am to 3 pm daily ... WIBC has hired Jim Volkman as afternoon sportscaster and primary host of the evening sports talk show, replacing Jim Barbar, who left several weeks ago to pursue television sports opportunities. Guest co-host duties will rotate among chief WIBC sportscaster Bob Lamey, Pacers radio play-by-play man Mark Boyle, Joe Hillman, and ex-Indianapolis Colt Joe Staysniak ... Joe "the Rocking Bird" Niagra has recently celebrated his 50th anniversary in radio ... Dick Cavett had better check his horoscope. This new syndicated show lasted two weeks; he got slapped with a 35 million dollar breach of contract suit and sadly, his home on Long Island burned to the ground, when workers accidentally alledged started a fire in the basement. Not a good run of luck to be sure ... Late-night talk show host Dave Elswick left WIBC April 11 to begin a similar late-night program of controversial talk, unusual topics, and live music with local bands on WCCO in Minneapolis. Because WIBC's nighttime power reduction from 50,000 to 10,000 watts makes reception difficult in parts of Indianapolis, some listeners will ironically find it easier to listen to Elswick on WCCO, which usually blasts into Indy at night ... WRDB-1470, Pomano Beach, is off the air and its phone number is disconnected ... Bubba the Love Sponge is now being heard in San Diego on KIOZ ... Bob Coburn is returning to the satellite world as host of Rockline, a position he had held previously for eleven years ... WSCR moved to the 1160 AM frequency Monday, April 7 at 2:30 pm. WYPA, Personal Achievement Radio, moved from 1160 AM, formerly WJJD, to 820 AM at that time ... Chris Witting's "Success Journal" has added the 137 affiliates of TalkAmerica Network's "Good Day USA" show. The show emanates from WMAQ-670 ... Ex-WIQT-1000 has moved to 820 as WWLZ, "Wheels 820." It will be programming talk and sports via satellite ... KOOD, Dallas is the new flagship station for the Dallas Burn of the Major Soccer League ... John Records Landecker recently celebrated his 50th birthday ... KWNK-670, Simi Valley, has changed formats from all-sports to Spanish language with a Central American music format ... Overnight talkshow host, Stan Major, has moved his show from Talk America radio network. In a press release, TalkAmerica said that "the only 24-hour live network will continue with quality talk" ... KCKC from San Bernardino dropped most of its talk format to return to its country roots ... KCBQ is rumored to be changing to a Spanish format ... A sign of the times, The "official" web site of the Dr. Laura Show will be launched in with Dr. Laura hosting a live, nationwide chat. The site at www.dr.laura.com will feature audio clips from her show, sample articles from her newsletter and merchandise from the Dr. Laura Collection available for sale online ... KXEB, in Dallas, is on the air with all Gospel music dropping its Spanish format ... WWCN, Ft Meyers, will be simulcasting its sister station WQAM-770 at various times during the broadcast day ... In a strange move to New Yorkers, the New York Giants have moved from WFAN-660 to WNEW-FM. WFAN will continue to handle the production and ad sales ... Peter Brown has sign on to do the afternoon shift on the One-On-One Sports Radio Network ... If you would like to contribute to this column, I may be reached at the address above, InterNet PeteKZ1Z@AOL.COM, the FIDO system in the Shortwave, Ham or Broadcasting echo areas, The Oracle 1:141/1015, or amateur radio packet, KZ1Z @ K1UOL.CT. So much for now.

Domestic DX Digest

West: Bill Hale phantom1@ezze.net

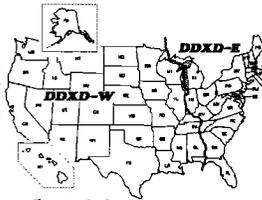
6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

East: David Yocis DavidYocis@aol.com

97 Clinton Ave. - Nyack, NY 10960-4603

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

- For some unknown reason the 1600-2400 section of this column was not printed, as submitted, in the last issue. So I am repeating it here first. Only five loggings, but if the contributors take the time to write up what they hear, and send them in, they can expect to see them in print.
- Word in from Jim Boehm of San Antonio is that the Spanish religious network known as "Radio Christiana" now IDs in EE at the top of the hour, and has added a few new stations. It IDs each of these as: "You are listening to KUBR, 1210 AM San Juan-McAllen, KJAV 104.9 FM Alamo-McAllen, KMFM 104.9 FM Premont, KVOZ 890 AM Laredo, KCZO 92.1 FM Carrizo Springs, KUOL 1470 AM San Marcos, KIBL 1490 AM Beeville, KERB 600 AM106.3 FM Kermit-Midland-Odessa and KBRN 1500 AM Boerne, from the beautiful Rio Grand Valley in deep South Texas. You're in tune with Christian Radio." Jim also claims more GY records, trying for that coveted HAT (Heard all Texans) award, hi. And it was good to hear from Pete Taylor again. He's now located in Tacoma, Washington and hearing all kinds of good stuff.
- Next deadline here is August 5th. Let's hear from youse guys! (Jim, your Mexican catches should be sent to IDXD, not DDXD. Thanks -pls)

REPORTERS

SA-MB Shawn Axelrod Winnipeg ICOM R-70 w/filter mods and PLAM board, Drake R8 + 4' box loop/Quantum Loop/130' lw <saxelrod@mb.sympatico.ca>
 JB-TX Jim Boehm San Antonio R71A, ICF-2010, Radio West Loop, 75' end-fed wire
 BK-CA Bob Karchevski Sunnyvale <karchev@nortel.ca>
 CBD Canadian Broadcast Directory
 INet Internet resources
 Ed.-TX Editor North Richland Hills ICF-2010 barefooted

(from issue 27) 1600 TO 2400 HOURS ELT

- 680 KFEQ MO St. Joseph - 5/7 2310 - Good signal, in CJOB null, with country music and several KFEQ IDs. (SA-MB)
- 990 WTIG OH Massillon - 5/23 2230 - Poor signal, with a baseball game. NEW! (SA-MB)
 WWCMI MI Ypsilanti - 5/23 2315 - Poor-to-fair signal, with religious talk program with both WCM and WWCMI IDs. Thought this was Denver but this was better. NEW. (SA-MB)
- 1400 KVRP TX Stamford - 5/4 2100 - C&W music and Cowboy Quarter next Sunday night right here the Voice of the Rolling Plains, KVRP. (JB-TX)
- 1580 KIRT TX Mission - 5/5 2103 - Female with ID in EE: KIRT Mission followed by male ID in SS: KIRT 1580 Mission-McAllen-Edinburg into repeat of previous EE news segment in SS. Semi-local pest KWED nulled. Weak, steady signal. New. (JB-TX)

SPECIAL

960 CIAM ON Cambridge - "Power Broadcasting Inc. has received approval for a conversion of CIAM from AM to FM. The Cambridge station will switch to 92.9 with an ERP of 560 watts and a 'Pop, Rock, and Dance' format. The station will simulcast its AM signal with the new FM for about 3 months and then the 1 kw transmitter on 960 will go dark. The new FM station will



The Tampa Bay Good News

- program about 89 hours a week of local material with the remainder coming from the Pelmorex radio network." (CBD)
- 1050 KTCT CA San Mateo - as of 7/15 ... will be known as *The Ticket* and carry sports full-time. Included in the offerings are the Jim Rome and Scott Farrell programs. (BK-CA)
- 1100 KCCF AZ Cave Creek - 6/27 1100 - Signed on at this time with NOS/EZL format. (INet)
- 1190 KNUZ TX Bellville - Now these calls. Ex: KACO. (INet)
- 1240 KADS OK Elk City - New format is country // KCDL-99.3 Cordell. (INet)
- 1330 KSWA TX Graham - Has changed format to AC-Oldies and new slogan is *Variety Gold 1330*. Ex: C&W. (INet)
- 1450 KSIW OK Woodward - New format is sports // WWLS-640 Moore. (INet)
- 1490 KBIX OK Muskogee - 7/7 - Changed to 101 Sports just two weeks after they had switched to southern gospel // KHJM-100.3 Taft. (INet)
- 1540 KPAD TX University Park - Now these calls (see, I told you last issue, hi) and IDs as *K-Pad*. [Ed.TX]
- 1640 KXBT CA Vallejo - 6/20 0540 - Here again with good signal and their gospel music. Running the *Gospel Power Hour*. (SA-MB)



ONE BROADCAST FORUM • NEW ROCHELLE, N.Y. 10801

UNIDs and UNID HELP

NONE

DX AND EQUIPMENT TESTS

NOPE

TIS & OTHER STUFF

- 1610 WNAZ542 MNAnchor Lake - 6/22 0502 - Poor signal, fading in and out. Lots of info about Minnesota. Still running the snow trivia questions. (SA-MB)

MIDNIGHT TO 0800 HOURS ELT

- 600 CJWW SK Saskatoon - 6/22 0513 - Good signal, with Country music and non-IDs as *Country 600*. (SA-MB)
- 1030 WSFZ MS Memphis - 6/16 0610+ - With 101 Sports, local ad for a car dealer in Senatobia, Mississippi featuring a Jerry Lee Lewis piano-pounding sound-alike. [Ed.-TX]
- 1060 WLNO LA New Orleans - 6/16 0616 - Many CL mentions and promos for upcoming gospel programs. Also stated the fact they were *New Orleans' most powerful gospel voice* a number of times. [Ed.-TX]
- 1230 KDIX ND Dickinson - 6/22 0625 - Good signal, with oldies music. Seemed to have changed their sign on times (not 0700) or gone 24 hours. (SA-MB)
- KSIX TX Corpus Christi - 6/24 0600 - Talk program, ID as *News, weather forecasts, features. News Radio KSIX, Corpus Christi*. (JB-TX)
- KWTX TX Waco - 6/24 0703 - Talk program, ID *Your news and information station. This is 1230 KWTX-AM Waco* into CBS News. (JB-TX)
- 1340 KOLE TX Port Arthur - 6/3 0240 - Up from the jumble with end of Nat King Cole song. AM 1340 KOLE and now 30 after he --- back into jumble. New. (JB-TX)
- 1400 KCLA AR Pine Bluff - 6/10 0711 - Up from jumble with local news, then *KCLA Morning News Time is 6:11* into weather and then jumble. New. (JB-TX)
- KVRP TX Stamford - 6/10 0702 - Livestock and grain market report. *Voice of the Rolling Plains, KVRP ID*, and into C&W. (JB-TX)
- 1490 KNEL TX Brady - 6/28 0704 - Female DJ: *Rocking to the oldies, 1490 KNEL, the home of rock and roll*. (JB-TX)
- KEYG WA Grand Coulee - 6/22 0620 - Good signal, on top, with country music. Local ads, non-ID as *G Country*. NOT the 0900 sign-on as per log. (SA-MB)

0800 TO 1600 HOURS ELT

- 1340 KCRN TX San Angelo - 6/23 0903 - SS gospel music and REL talk from 0740. EE ID as *1340 AM KCRN FM 94. ... Continua con las palabras de Jesus* into sermon. Fair signal, mostly steady 1 1/2 hours after LSR. Torrential rains responsible??? New. (JB-TX)
- 1450 XEVH TampsMatamoros - 6/28 0815 - Ranchera music from 0643 with usual VH slogan between every other selection. (JB-TX)

1600 TO 2400 HOURS ELT

- 1240 KSOX TX Raymondville - 6/15 2220 - Sports talk from 2105, in/out. AM 1240 KSOX for sports. (JB-TX)
 XEVM Coah Piedras Negras - 6/16 2203 - Female with dialogue with reference to children. Male: Por ??? escucha XEV Canal Uno Dos Cuatro. New. (JB-TX)
 1400 KEBE TX Jacksonville - 6/9 2300 - C&W in/out. ___ on 1400, KEBE Jacksonville, Texas, and now on to ___ back into jumble. New. (JB-TX)

GRAVEYARD DX UPDATE

* indicates North American record-holder

1240 kHz:

KSOK	TX	Raymondville	Jim Boehm	San Antonio, TX	214
XEVM	Coah	Piedras Negras	Jim Boehm	San Antonio	136
XEIS	NL	Monterrey	Jim Boehm	San Antonio	287

1340 kHz:

KHLB	TX	Burnet	Jim Boehm	San Antonio, TX	90
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1400 kHz:

KYLR	TX	Huntsville	Jim Boehm	San Antonio, TX	195
KEBE		Jacksonville	Jim Boehm	San Antonio	256

1450 kHz:

XETD	NAY	Tecuala	Jim Boehm	San Antonio, TX	655
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1490 kHz:

KWXT	AR	Dardanelle	Jim Boehm	San Antonio, TX	504
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Totals:

		1230	1240	1340	1400	1450	1490	Total
Jim Boehm	San Antonio, TX	12	10	14	17	17	15	85
Pete Taylor	Tacoma, WA	1	1	1	2	3	4	12

We now beam you back to the Mother Ship.

DDXD-East

Next deadlines: August 5, September 9.

Welcome to Ron Hunsicker who drops a line about yet another "Part 15" low-power broadcast station in the expanded band.

STATION NEWS

- 550 WCKY OH Cincinnati - 6/30 - Adds "Coast to Coast with Art Bell" per program today. Usenet post, however, says the station has changed calls back to WKRC. By the way, "Coast to Coast" has now been re-timed to 0106-0600 Tues-Sat, followed by a three-hour repeat. And "Dreamland" now airs Sundays 2106-2400. (DP-HI)
- 760 WBDN FL Brandon - 6/19 2150-2210 - Excellent night signal now with hot Latin music format, live male DJ, ads for Tampa Latin districts (Drew Park, Ybor City) businesses, canned ID by man at 2203, "WBDN Brandon-Tampa, La Mega." (TLK-FL) [Ex-TLK - DY]
- 1220 WREV NC Reidsville - 7/1 1215 - Noted with romantic SS vocals and Mexican oompah music, along with "Radio Picante" non-IDs. Legal ID at 1302. Change in format from C&W? (JN-NC)
- 1310 WDOZ MI Dearborn - Now simulcasting WNIC-100.3, no mention of AM calls in an hour and a half of listening. (SK-PA)
 WVIP NY Mount Kisco - Now broadcasts 0600-2100 daily; no more 1800 sign-offs. (DY-NY)
- 1330 WASA MD Havre de Grace - Now IDs during the day as "Harford County's Christian Connection," into traffic report, some religious programs, mostly nonstop music. Don't know what they do at night, as can't hear them here, but don't hear any // to 1360. (DB-DE)



- WYSN PA Somerset - 6/6 2025 - With NASCAR truck race from Texas (I still can't picture it: pickups or semis?), with local Idsduring commercial breaks as "Sunny 1330" and WYSN. Call change. (JR-NY) [Come on, Jim, you know they do everything BIG in Texas, hi. - DY]
- 1370 WKMC PA Roaring Spring - Now simulcasting WHPA, Mix 104.9, Hollidaysburg PA, AC format. (SK-PA)
- 1380 CKPC ON Brantford - Now simulcasting CKPC-FM 92.1, slogan "Lite 92 FM," format AC. (SK-PA)
- 1430 WNAV MD Annapolis - 7/5 1612 - Now has a variety type format, various types of rock, CHR music, promos for local talk shows. (DB-DE)
- 1510 WXVX PA Monroeville - New format is mostly jazz with a number of shows featuring other formats (Christian Contemporary, AC, etc.). New phone number is (412) 856-4222. Address is Box 10, Monroeville PA, 15145. (CC-PA)
- 1560 WRHC FL Coral Gables - 6/13 2238-2310+ - Very good to excellent with bilingual Creole-EE program, many mentions of "Kreyol Speaking" or "Kreyol in English." Caller from New York, and relay of news from Radio Cap-Haitien, which initially confused me. Many WRHC ID's, but program implies that it is syndicated. Station has been off-frequency on 1559.96 kHz since moving here from 1550. (TLK-FL)
- 1600 WQVL DE Dover - 6/26 1520 - Noted carrying the "Geator Gold Radio Network" program originating from WSSJ-1310, also mentioned WTTM-920, WPAZ-1370, and a couple of others that I didn't catch. Remainder of programming remains as oldies. (DB-DE)
- WWRL NY New York - 5/31 2100 - Announced power now up to 25,000 watts with new format, "100% pure soul, 1600 WWRL." (PT-NJ)

UNID and UNID HELP

- 940 UNID - - 6/21 0015-0053 - In, with C&W and "Super Country GX-94" (or KX-94?) At 0022, sound effects, "Best of the best ... it's your kind of country," same thing at 0053:40. Mixing with weak WKGM, CBM seemed absent. Sounded sort of Canadian. Is this WMIX? (JK-VA) [More like CJGX, which IDs as "GX-94" according to the Log, and which would be an excellent catch, especially at summer solstice. - DY]



LOGGINGS: 0000-0800

- 700 WWTL MD Walkersville - 6/10 0040-0145 - On after hours, mostly overpowering WWL with man speaking in AA or Hebrew, mention of 97.1 MHz in Washington at 0100 (Log says 91.3) but no mention that I could make out of WWTL, then 0112 EE-speaking man gave legal ID, jazz instrumental to 0115, followed by EE religious program still in progress at 0145 tune-out. I've sent a report, but doubt that I'll get a response for an after-hours broadcast. (SK-PA)
- 810 WJJG WI Tomahawk - 6/24 0105 - Good in easy WGY null with CBS news, weather report, calls, C&W music. Log says D1. (MB-IN)
- 870 WHCU NY Ithaca - 6/19 0200 - Tentative with business news, various ads, into CBS news on the hour, under WWL's C&W music. (WM-MD)
- 920 KARN AR Little Rock - 6/7 0540 - ID, temperature check. (WM-MD)
- 1360 WCHL NC Chapel Hill - 6/11 0105 - ID, weather, under unID REL station. (WM-MD)
- 1420 WOC IA Davenport - 5/29 0400 - ABC Information news, ID, oldies music also heard. (WM-MD)

LOGGINGS: 0800-1600

- 1310 WCGR NY Canandaigua - 6/18 1655 - With Gordon Lightfoot music, ID as "1310 WGCR" at 1658, then another male pop vocal and ID at 1700 as "WCGR 24 hours a day, and W??? sunrise to sunset," into news. Fair, requiring some delicate tuning to eliminate splatter from local CJMR-1320. Never heard while on 1550; thanks Jim Renfrew. (MS-ON)

LOGGINGS: 1600-2400

- 620 WDNC NC Durham - 6/2 2224 - Promo for weather coverage 24 hours on "Oldies 620 WDNC." ID as "The Weather Station." Gave weather hotline number as 655-2323. Poor in mix with WHEN, others. (PT-NJ)

- 780 CFDR NS Dartmouth - 5/23 2215-2222 - C&W music, wather, ID as "780 Kicks Country." Good and alone on channel, no sign of WBBM. (PT-NJ)
- 870 WPWT TN Colonial Heights - 5/8 2030 - Good with "Power Talk 870 AM ... this is WPWT Colonial Heights," then sign-off, new. (JK-VA)
- 900 WSSR DE Georgetown - 6/20 2055 - Minor league baseball game, Piedmont Boll Weevils vs. Delmarva Shorebirds. (WM-MD)
- WDDT MS Greenville - 5/19 2115 - Tony Orlando & Dawn's "Sweet Gypsy Rose," ID, mention of Greenville, "Star 900." (WM-MD)
- WKDW VA Staunton - 6/25 2053 - C&W song "Don't Take Her, She's All I Got," ID "WKDW, Big Country AM 900, Playing country that really sounds like country." Fading in and out, almost local-like for ID. (PT-NJ)
- 1010 WFGW NC Black Mountain - 5/8 2300 - Fair with "WFGW 1010 AM Christian music," in CFRB/WINS null. Is 500 watt CP on? Seems too strong for 67 watts. New. (JK-VA)
- 1200 WBZY PA New Castle - 5/30 2021 - Promo for oldies program Sundays at 2 on "Great Oldies 1200 WBZY," spots, weather, another ID. Fair in QRN with WAGE null. (PT-NJ)
- 1250 WTMA SC Charleston - 6/16 2100-2107 - CBS news, spot for "OK Canon," SID "WTMA," into Michael Reagan Show. Fading in and out and mixing with others. (PT-NJ)
- 1260 WBNR NY Beacon - 6/9 2134 - With WNRK phase-nulled, listening for something to surface, heard weather forecast "low tonight 54, tomorrow very warm, 88." Group shouting ID "1260 WBNR," poor in mix. (PT-NJ)
- WNSS NY Syracuse - 6/5 2018 - "When news happens here in central New York or anywhere in the world, you'll hear it first here on WNSS, W-News, 1260." Fair with WNRK null. (PT-NJ)
- 1280 WHTK NY Rochester - 6/24 2313 - Tentative with "When Radio Was" after "WHTK" jingle in WADO's SS mess. New, if them. (JK-VA)
- 1290 WFBG PA Altoona - 5/8 2154 - With NOS and "The memories station, AM 1290 WFBG," new, along with the usual WHIO. (JK-VA)
- 1300 WXXU FL Cocoa Beach - 6/17 2235 - Traveler information radio for Florida, Orlando, etc., while trying to listen to WJFK's "Greaseman" show. New here. (JK-VA)
- 1310 WDOZ MI Dearborn - 6/24 2300 - With "WDOZ" mentioned in a pileup, then UC /OLD. Strong on peaks, new for MI #10 here in VA. (JK-VA)
- WADB NJ Asbury Park - 5/25 2203 - Fair, with "WADB-AM Asbury Park," then NOS. New here, and not bad for 1,000 watts. (JK-VA)
- WSSJ NJ Camden - 5/25 2205 - Fading up over WADB, with mostly OLD and "S-S-J" sung out IDs. Good at 250 watts. (JK-VA)
- 1320 WDER NH Derry - 6/16 2026 - Promo for "Larry Burkett's 'How to Manage Your Money' Monday through Friday at 6:20 a.m. on the Christian Voice of AM 1320, WDER." Poor and only popping up for the moment, with mucho QRM. (PT-NJ)
- WHHO NY Hornell - 6/16 2040 - IDs as "105-3" and "Q 105.3 KPQ," talk about music coming up by Billy Idol and Sneaker Pips. Assume this one, only caught this little bit before WJAS waltzed in. (PT-NJ) [Sounds like this one, all right. - DY]
- WKIN TN Kingsport - 5/12 2020 - Baseball game, ID. (WM-MD)
- 1330 WYPC OH Wellston - 6/23 - CNN news, NOS music, ID. (WM-MD)
- WBTM VA Danville - 5/24 2341 - Fair with "Super gold from AM Stereo 13-30 WBTM." (JK-VA)
- 1400 WINC VA Winchester - 6/2 2056 - Sifting through the GY mush and heard female say "WINC" clearly. Nothing else identifiable. (PT-NJ)
- 1440 WJLL NY Niagara Falls - 6/9 2253 - ID "1440 WJLL" and Motown mention in mix. Very poor, but ID quite clear. (PT-NJ)
- 1470 WJDY MD Salisbury - 5/25 2139 - Cranking it up very loud (S9 + 20 dB) with "AM 1280, 1470 The Touch," then UC. 43 watts? Must have 10 towers beamed my way! (JK-VA) [More likely still on day power. - DY]
- WBTX VA Broadway - 6/3 2019 - Woman with promo for contest with winner to be announced at "7:20 a.m. Friday on 1470 WBTX and Light 96," in and out mixing with WMMW, WKAP, others. (PT-NJ)
- 1480 WCNS PA Latrobe - 5/25 2200 - Good with live DJ and "Oldies 14-80 WCNS" IDs. (JK-VA)
- 1510 WRNJ NJ Hackettstown - 6/2 1956-2000 - Weather forecast, followed by "Good night, everybody, and God bless," ID "Oldies 1510 WRNJ," SID, into "Help" by the

Beatles. Verygood up to now but dropped into the muck, then sign-off with mention of 104.7 FM, and SSB. (PT-NJ)

WWSM PA Annville-Cleona - 6/3 19550 - C&W music mixing with WRNJ's oldies, ID "WWSM" and mention of Lebanon Valley. Poor most of the time but drifted up now and then. Fortunately my local WJIC signs off very early. (PT-NJ)

TIS AND MISCELLANEOUS

- 1610 TIS CT Ledyard - Foxwoods Casino has probably a buried wire next to the Route 2 entrances giving parking directions. Weak signal and coverage isn't even a half mile either side of the casino. (RM-CT)
- TIS FL Crystal River - 6/22 1030+ - Noted during a random trip to Cedar Key this day, a blue sign posted on each end of the city limits of Crystal River on US 19. Absolutely horrid Fming audio, virtually uncopyable, and signal not too great either. Woman referencing manatees, Crystal River National Wildlife Refuge, Kings Bay, and a park postal address. (TLK-FL)
- Part 15 PA Reading - 6/18 0530 - "Radio Omega," a Part 15 commercial station that has been broadcasting since 4/10 with SS programming for the estimated 25,000 Hispanics in Reading. Station runs 100 milliwatts, and is good on the DX unit at a distance of two miles at this time with SS music, ID on the hour, and one ad in a 35-minute span. QSL received from owner, whose wife is Panamanian and who said the operation would be automatic (no DJ or engineer) until an advertising base was established. (RH-PA)
- 1619a Pirate? NC — - 6.26 1640 - Tracking a Byrds CD, bored teenager breaking in mid-song with simple ID "You're listening to Southwest Radio on 1610 AM." After 1700 started giving "Wild Radio" IDs, but kept playing the same Byrds CD on "repeat". Seemingly same pirate heard 6/29 2030, but playing various forms of Christian religious music. Broke in occasionally mid-song to say "This is 1620 Radio." Heard again 6/30 1045 and 7/1 with same format, 7/2 1345 just transmitting open carrier with the same IDs. Strong daytime groundwave signals on 1618.66 kHz. (JN-NC)
- 1620 TIS RI Westerly (WPKN270) - This 10-watt TIS is heard nightly with a program of a man and a woman on a walking tour of the area describing trees and birds and "troll" bridges. The man has an English accent. Could be the one playing music later in the evening. This is the guy who advertises in Radio World with a \$30 book about starting your own micro-power radio station. Info obtained from WERI-1230 who didn't seem pleased that this was on the air with the programming content. (RM-CT)



REPORTERS

- | | | |
|--------|-----------------|--|
| DB-DE | Dave Braun | Wyoming DE - R-5000, Quantum loop |
| MB-IN | Mark Burns | Terre Haute IN - R8, Kiwa loop, 80' LW |
| CC-PA | Chris Cuomo | Verona PA - Local news |
| RH-PA | Ron Hunsicker | Near Reading PA - Local news |
| SK-PA | Steve Kennedy | Coal Township PA - |
| JK-VA | Jeff Kitz | Jarratt VA - Panasonic RQ-U60 barefoot |
| TLK-FL | Terry Krueger | Clearwater FL - NRD-525 |
| WM-MD | William McGuire | Cheverly MD - DX380 |
| RM-CT | Ron Musco | Poquonock CT - Local news |
| JN-NC | Jay Novello | Wake Forest NC - Local news |
| DP-HI | Dale Park | Honolulu HI - Station news |
| MS-ON | Morris Sorensen | Scarborough ON - HQ150, SM-2 ferrite loop |
| PT-NJ | Paul Thomas | Salem NJ - R8A, phased wires, active vertical, homebrew ferrite loop |
| DY-NY | Dave Yocis | South Nyack NY - R71A, Kiwa loop |



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DX Digest

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

I am sorry for the unannounced early deadline, but I recently made plans for a quick trip to North Carolina, and it seemed best to send this along to Paul now rather than risk missing the deadline on my return.

By the way, Fred Vobbe reproduces this entire column on the NRC Web Page, along with some supplemental material that does not usually get into the print version of DX News. Check it out!

Jim

TRANS-ATLANTIC DX

- 153 ALGERIA, Bechar, JUN 15 0016 - // 549 with up tempo AA music; fair. [Connelly*H-MA]
162 FRANCE, Allouis, JUN 15 0018 - fair with pop-rock male group vocal. [Connelly*H-MA]
171 MOROCCO, Nador, JUN 15 0019 - fast AA vocal, flutes, drums; EXCELLENT signal, way over S9. [Connelly*H-MA]
198 ALGERIA, Ouargla, JUN 15 0020 - dominant with AA talk by man; bits of the BBC UK station were audible under. [Connelly*H-MA]
207 MOROCCO, Azilal, JUN 15 0021 - man in AA; excellent, wiping out beacon "QI" (Nova Scotia) on 206. [Connelly*H-MA]
252 ALGERIA, Tipaza, JUN 15 0022 - rock-influenced AA music; dominant & LOUD! [Connelly*H-MA]
531 MADEIRA, RDP, Porto Santo, JUN 15 0026 - // 666 with '40s era female vocal hit "Makin' Whoopie"; fair to good over Algeria / Spain. [Connelly*H-MA]
540 MOROCCO, Sidi Bennour, JUN 15 0032 - I first noted AA-sounding talk behind WLUX and then, with a few twists of the phasing knobs, WLUX was nulled to the mud, leaving AA talk by man (unequivocally // to 207) in at good level, well over CBT & a possible Venezuelan. These 10 kHz multiple TA's are always welcome catches here ... especially in June! [Connelly*H-MA]
549 ALGERIA, Les Trembles, MAY 14 0153 - AA talk; poor, in slop. [Connelly*R-MA] MAY 19 0350 - AA talk by man & woman; fair. JUN 15 0015 - excited male AA vocal, strings, flutes, drums; very good (S9+5) and better than 891 at the time. [Connelly*H-MA]
567 IRELAND, RTE R.1, Tullamore, MAY 14 0152 - light pop music vocals; poor/fair. [Connelly*R-MA] JUN 15 0053 - old-time vocal, then woman in EE; to good peaks with WMCA nulled. [Connelly*H-MA]
585 SPAIN, RNE1, Madrid, MAY 14 0151 - man in SS; fair through VOXM slop with WEZE phased. [Connelly*R-MA] JUN 15 0051 - SS talk by man; in WEZE-590 slop. [Connelly*H-MA]
603 MADEIRA, RDP, Pico de Arieiro, JUN 15 0026 - // 666 & 531 with old-time hit "Makin' Whoopie"; poor to fair in mix with Spain. [Connelly*H-MA]
603 SPAIN, RNE5, Sevilla / Palencia, JUN 15 0233 - // 684 with man & woman in SS; slightly over others. [Connelly*H-MA]
612 MOROCCO, Sebaa-Aiouan, MAY 14 0150 - AA vocal; slightly over a jumble of others. [Connelly*R-MA] JUN 15 0230 - // 207 with female AA vocal & violins; local-like at S9+35! The 610 WGIR/WIP/CHNC mess was only running S9+20: Morocco actually had to be nulled to find the domestics. [Connelly*H-MA]
621 CANARY ISLANDS // SPAIN, RNE1, MAY 20 0052 - SS talk; slopped. [Connelly*S-MA] JUN 15 0055 - // 639 with man in SS; good. [Connelly*H-MA]
639 SPAIN, RNE1, La Coruna et al., MAY 14 0149 - // 684 with SS folk vocal; fair over CBN/WNNZ-640 slop. [Connelly*R-MA] JUN 15 0056 - fair to good with SS talk // 621. [Connelly*H-MA]
666 PORTUGAL, RDP, Lisboa, MAY 20 0046 - mellow jazz; good. [Connelly*S-MA] JUN 15 0010 - PP group vocal; poor to fair through residual slop from nulled WFAN. JUN 15 0026 - US nostalgia music // Madeira - 531 & 603; now up to good strength. [Connelly*H-MA]
666 unID (SYRIA or ALGERIA ?), JUN 15 0059 - AA-sounding program under Portugal; not clear enough to get a good parallel. [Connelly*H-MA]
675 NETHERLANDS, R. Ten Gold, Lopik, MAY 14 0148 - Ray Charles song "Hit the Road Jack" from 1961; fair to good over WRKO slop. [Connelly*R-MA]
684 SPAIN, RNE1, Sevilla, MAY 14 0147 - romantic SS folk vocal; excellent. [Connelly*R-MA]

- JUN 15 0009 - man & woman in SS; fair to good with WRKO phased. [Connelly*H-MA]
693 AZORES, RDP, Santa Barbara, JUN 15 0057 - // 666 with old-time music; under BBC UK. [Connelly*H-MA]
693 UNITED KINGDOM, BBC, Droitwich et al., MAY 14 0147 - EE talk by man; slightly over PP & SS stations. [Connelly*R-MA] JUN 15 0057 - EE panel discussion; well over Azores. [Connelly*H-MA]
711 WESTERN SAHARA, Laayoune, MAY 20 0042 - AA group vocal, drums, violins; good with WOR phased. [Connelly*S-MA] JUN 15 0007 - vocal, violins; to fair peak with WOR phased. [Connelly*H-MA]
738 SPAIN, RNE1, Barcelona, MAY 14 0146 - just a few bits of SS talk getting through a massive slop barrage from Newfoundland's CHCM-740 (VOXM network) which was totally dominating that channel. The bearings to the most eastern Canadians are too similar to TA DX bearings for nulling to be of much use. [Connelly*R-MA] JUN 15 0101 - SS news; fair to good, some slop strong adjacent CHCM. [Connelly*H-MA]
747 NETHERLANDS, Flevoland, MAY 14 0145 - opera presentation; atop Spain-Canaries. [Connelly*R-MA]
747 NETHERLANDS / CANARY ISLANDS, JUN 15 0102 - these two at about even strength with a jumble of Dutch and SS talk. [Connelly*H-MA]
756 GERMANY, Deutschlandradio, Braunschweig/Ravensburg, MAY 14 0144 - serious classical music; excellent, way over Spain. [Connelly*R-MA] JUN 15 0104 - woman with news in GG; good to excellent, bits of probable Spain well under. [Connelly*H-MA]
765 SWITZERLAND, RSR, Sottens, MAY 14 0144 - classical music; to very good peak. [Connelly*R-MA] MAY 20 0039 - classical music; good to excellent. [Connelly*S-MA] JUN 15 0108 - classical violins / orchestra; excellent. [Connelly*H-MA]
774 EGYPT, Abis, MAY 14 0142 - AA female vocal mixed with Spain. [Connelly*R-MA] JUN 15 0110 - male Koranic-style vocal; to good peak, almost equal to co-channel Spain. [Connelly*H-MA]
774 SPAIN, RNE1 synchros, MAY 14 0142 - SS talk; slightly under the Egyptian. [Connelly*R-MA] JUN 15 0109 - musical interludes, then man in SS; excellent (though QRM'ed by Egypt at times), WABC phased. [Connelly*H-MA]
783 SYRIA, Tartus, MAY 14 0142 - AA talk mixing with Spain & Portugal; battered by strong CFDR (C&W music) slop. [Connelly*R-MA] JUN 15 0111 - the channel started as a jumble, then AA music broke atop presumed Portugal / Spain. Hacked by CFDR slop at times. [Connelly*H-MA]
792 SPAIN, SER, Sevilla, JUN 15 0039 - man & woman with SER newstalk / teletalk; fair with WLKW nulled. [Connelly*H-MA]
819 EGYPT, Batra, MAY 14 0139 - Koranic vocal; over others. [Connelly*R-MA]
819 MOROCCO / EGYPT, JUN 15 0040 - Morocco (// 207) with AA teletalk over/under Egypt's typical Koranic vocals; signals were about even in strength and both were potent. [Connelly*H-MA]
836 AZORES, RDP, Pico da Barossa, MAY 14 0139 - man & woman in PP; good signal, easily splittable from Spain-Canaries - 837. This station seems to jump between 836 and 837: these are always close-to-exact 1 kHz changes, rather than random drifting. [Connelly*R-MA] JUN 15 0041 - excellent with jazz-rock fusion music, not // 666 at the time. 837 Canaries was weaker than 836. [Connelly*H-MA]
837 CANARY ISLANDS // SPAIN, COPE synchros, MAY 13 2338 - SS teletalk; poor to fair over jumble & Azores-836 het. [Connelly*R-MA] JUN 15 0114 - SS teletalk to fair peak, but weaker than adjacent Azores-836. [Connelly*H-MA]
846 ITALY, Rome, MAY 14 0138 - light classical music; fair to good over WEEI slop. [Connelly*R-MA] JUN 15 0042 - man in II; fair. [Connelly*H-MA]
855 SPAIN, RNE1, Murcia et al., MAY 14 0138 - SS teletalk; very good. [Connelly*R-MA] JUN 15 0043 - // 684 with man in SS; very good, way over other station that had music. [Connelly*H-MA]
864 EGYPT, Santah, MAY 14 0139 - man in AA with emotional sermon delivered in a large echoey hall, Koranic vocal then followed; huge local-like signal, way over S9 and louder than adjacent domestics CJBC-860 and WLAM-870. [Connelly*R-MA] JUN 15 0044 - male AA a cappella Koranic vocal; good to excellent. [Connelly*H-MA]
873 SPAIN, SER R. Zaragoza, JUN 15 0045 - fast SS newstalk by man & woman; over others. [Connelly*H-MA]
882 CANARY ISLANDS // SPAIN, MAY 13 2336 - fast SS talk by man & woman; fair to good with WCBS phased. [Connelly*R-MA] JUN 15 0045 - SS talk; dominant. [Connelly*H-MA]
882 UNITED KINGDOM, BBC Wales, Washford, MAY 14 0136 - discussion, atop Spain-

- Canaries; some slop from WCBS. [Connelly*R-MA]
 891 ALGERIA, Algiers, MAY 13 2335 - AA talk in WCLZ-900 slop with WBPS-890 phased. [Connelly*R-MA] MAY 20 0010 - shrieking vocal, then man in AA; fair with WBPS phased. [Connelly*S-MA] JUN 15 0046 - now HUGE (about an hour after initial fade-in): AA music totally mauling WBPS-890. [Connelly*H-MA]
 907.8 GAMBIA (t), MAY 14 0135 - het against BBC-909. [Connelly*R-MA]
 909 UNITED KINGDOM, BBC R.5 synchros, MAY 14 0135 - EE talk by woman; poor over mix of others, slop, and Gambia-907.8 het. [Connelly*R-MA] JUN 15 0119 - EE talk; just over jumble (apparent AA, PP, & SS stations) and WABI/CHRL slop. [Connelly*H-MA]
 918 SYRIA (t) / SPAIN, JUN 15 0048 - bits of AA music mixed with SS talk. [Connelly*H-MA]
 936 SPAIN, RNE5 synchros, JUN 15 0050 - SS teletalk; barely over the others. [Connelly*H-MA]
 954 SPAIN, R. Espana, Madrid, MAY 14 0133 - SS talk, interlude of Italian-sounding mandolin music, then teletalk; huge signal. [Connelly*R-MA]
 981 ALGERIA, Algiers, MAY 13 2331 - talk, then AA-type violins & male vocal; strong carrier, but light audio. [Connelly*R-MA]
 999 SPAIN, COPE, Madrid, MAY 20 0013 - woman in SS; loud. [Connelly*S-MA]
 1008 CANARY ISLANDS, R. Las Palmas, MAY 13 2350 - non-SER program with SS talk & music; to good peak with WINS phased. [Connelly*R-MA]
 1017 SPAIN, RNE5 synchros, MAY 14 0129 - SS teletalk; over others. [Connelly*R-MA]
 1026 SPAIN, SER synchros, MAY 14 0129 - // 1044 with man & woman in SS; slop was tough even with WBZ nulled about 40 dB. [Connelly*R-MA] JUN 15 0122 - man & woman in SS; good. [Connelly*H-MA]
 1044 MOROCCO, Sebaa-Aioun, MAY 13 2330 - man in AA atop station that had pips on the half-hour (presumably Spain). MAY 13 2352 - Koranic AA vocal; huge, way over Spain. [Connelly*R-MA]
 1044 SPAIN, SER synchros, MAY 13 2352 - SS teletalk, 2 Hz SAH; under Morocco. MAY 14 0127 - man in SS talked about religion; excellent signal over low rumble. [Connelly*R-MA] JUN 15 0123 - // 1026 with fast SS talk; excellent. [Connelly*H-MA]
 1053 SPAIN, COPE, Zaragoza / Castellon, JUN 15 0135 - SS talk was dominating over Talk Radio. [Connelly*H-MA]
 1053 UNITED KINGDOM, Talk Radio synchros, Start Point et al., MAY 14 0127 - EE talk about the UK joining the UNESCO activity of the United Nations; good. [Connelly*R-MA]
 1080 MOROCCO (t), MAY 14 0125 - AA-sounding vocal under WTIC. [Connelly*R-MA]
 1089 UNITED KINGDOM, Talk Radio synchros, MAY 14 0124 - EE talk mentioning art exhibits and pop music stars Alanis Morissette and Mariah Carey. Excellent over other station (and 10 dB better than WBAL!). [Connelly*R-MA] JUN 15 0131 - announcer mentioned travelling on a ship. [Connelly*H-MA]
 1098 SLOVAKIA, Nitra, MAY 14 0122 - nostalgic Muzak including a lush instrumental version of the Bee Gees "Massachusetts"; excellent / local-like; way over Spain. [Connelly*R-MA]
 1098 SPAIN, RNE5 synchros, MAY 13 2354 - SS teletalk; fair with WHLI daytimer in cardioid phase null. Bits of Slovakia (music) way under. [Connelly*R-MA] JUN 15 0138 - // 1107 with Andres Segovia style of classic Spanish guitar music; fair, over growl. [Connelly*H-MA]
 1107 SPAIN, RNE5 synchros, MAY 14 0119 - talkshow with woman in SS; loud, over 2 other stations (one of which was AA). [Connelly*R-MA] JUN 15 0138 - // 1098 with Segovia-type acoustic guitar; excellent, better than WBT/CKTY-1110. [Connelly*H-MA]
 1116 SPAIN, SER synchros, MAY 14 0120 - SS teletalk over weak Angola-1115 het and second co-channel audio (probably Italy); good with minor SS CT 1120 slop, CKTY-1110 phased. [Connelly*R-MA]
 1125 CROATIA, HR, Deanovec, MAY 13 2359 - // Zadar-1134 with Slavic folk-rock vocal; under Spain. [Connelly*R-MA]
 1125 SPAIN, RNE5 synchros, MAY 13 2359 - man & woman with SS teletalk show; over Croatia. [Connelly*R-MA]
 1134 CROATIA, HR, Zadar, MAY 13 2358 - Slavic folk-rock vocal; huge, Spain (monotone SS talk) way under. [Connelly*R-MA]
 1143 SPAIN, COPE synchros / unID (UK?), MAY 13 2359 - SS talk over second station playing the 1974 Roxy Music song "The Thrill of It All" (a moderate hit in the US; bigger on the band's UK "home turf"). The channel was jumbled most of the time. [Connelly*R-MA]
 1152 SPAIN, RNE5 synchros, MAY 14 0001 - man & woman with SS news; over several others. [Connelly*R-MA]
 1179 SPAIN // CANARY ISLANDS, SER synchros, MAY 13 2323 - SS talk by man starting to

- push through the slop from daytimers WJFF-1180 and WKPE-1170. MAY 14 0002 - man & woman with SS news at monster strength ... but extremely echoey! There was a lot of variability in the timing of the synchro audio feeds. [Connelly*R-MA]
 1197 LESOTHO, BBC relay, Lancer's Gap, MAY 19 0233 - woman in EE with BBC documentary; fair. This was actually the best TA at the time (during a period of auroral conditions). [Connelly*C-MA]
 1197 unID (maybe Spain), MAY 14 0010 - Streisand-type vocal (obviously not // UK-1215) briefly atop mess. [Connelly*R-MA]
 1215 SPAIN / UNITED KINGDOM, JUN 15 0146 - SS talk mixing evenly with Virgin Radio's rock music & EE talk; low growl present. [Connelly*H-MA]
 1215 UNITED KINGDOM, Virgin R. synchros, MAY 14 0008 - song by Oasis; loud / dominant. [Connelly*R-MA]
 1224 SPAIN, COPE synchros, MAY 14 0011 - bits of SS talk; along with growl & fragments of audio from at least 2 other stations. [Connelly*R-MA]
 1242 FRANCE, R. Bleue, Marseille, MAY 14 0013 - schmaltzy male FF vocal & piano; good, over WBUR-1240 slop. [Connelly*R-MA]
 1251 LIBYA, Tripoli, MAY 14 0015 - excerpt from emotional AA speech, then calmer commentary by man in studio; excellent, clobbering WMTR/others-1250. [Connelly*R-MA] JUN 15 0149 - woman in AA, then music; very good with phasing unit set for best aggregate null of the 1250 WARE/WKBR/WMTR jumble. [Connelly*H-MA]
 1287 SPAIN, SER synchros, MAY 14 0115 - bits of SS teletalk; poor. [Connelly*R-MA]
 1296 SPAIN, COPE, Valencia, MAY 14 0018 - SS talk mixing with R. XL, UK. [Connelly*R-MA]
 1296 UNITED KINGDOM, R. XL, Birmingham, MAY 14 0018 - Hindi vocal & tabla drums; mixed with Spain & domestic slop. [Connelly*R-MA]
 1305 SPAIN, RNE5 synchros, MAY 14 0019 - man & woman SS teletalk; good. [Connelly*R-MA] JUN 15 0150 - SS talk barely audible through big growl. [Connelly*H-MA]
 1314 NORWAY, NRK, Kvitsoy, MAY 14 0020 - Scandinavian language pop vocal; very good on peaks, although CKEC-1320 slop was troublesome at times. [Connelly*R-MA]
 1325 MOROCCO, Safi, MAY 20 0030 - carrier, bits of audio; badly slopped. [Connelly*S-MA]
 1341 NORTHERN IRELAND, BBC, Lisnagarvey, MAY 14 0021 - woman in EE; poor to fair. [Connelly*R-MA]
 1349 MAURITANIA, R. Mauritanie, Nouakchott, MAY 13 2304 - AA talk by man, then a cappella chant; starting fade-up, fair with WINY daytimer phased; good later. [Connelly*R-MA] MAY 20 0020 - AA vocal at low audio level on big carrier. [Connelly*S-MA]
 1368 unID, MAY 14 0021 - multi-station jumble in WDEA/WFEA slop. [Connelly*R-MA]
 1386 IRAN, Ahwaz (t), MAY 14 0113 - bits of Koranic type vocal; big carrier but tough slop, several others in mix at times. [Connelly*R-MA]
 1386 unID, MAY 14 0027 - music sounded Greek, although possibly Middle Eastern; poor in slop. [Connelly*R-MA]
 1395 NETHERLANDS, Lopik, MAY 14 0030 - Dutch teletalk; good. [Connelly*R-MA]
 1422 GERMANY, Deutschlandradio, Heusweiler, MAY 14 0030 - classical music; over others. [Connelly*R-MA]
 1512 SAUDI ARABIA, BSKSA, Jeddah, MAY 14 0035 - shrill AA male vocal at light audio level on huge carrier; good with WNRB phased. [Connelly*R-MA]
 1521 SPAIN, SER, Castellon / unID EE, MAY 14 0037 - SER SS talk mixed with possible UK station. [Connelly*R-MA]
 1530 SAO TOME & PRINCIPE, VOA, Pinheira, JUN 15 0303 - VOA EE news with item about Turkey; over WSAI. [Connelly*H-MA]
 1544 ALGERIA - CLANDESTINE, Tindouf, MAY 14 0039 - flute music & drums; to good peak. [Connelly*R-MA] MAY 20 0025 - woman in SS, then drumming / chanting music; good. [Connelly*S-MA]
 1548 KUWAIT, VOA, Kuwait City, MAY 14 0040 - VOA EE commentary about free trade agreements, then "VOA" ID; excellent, over UK station. [Connelly*R-MA]
 1566 SWITZERLAND, R. Eviva, Sarnen, MAY 14 0102 - bouncy Alpine music; fair through WQEW slop. [Connelly*R-MA]
 1575 SPAIN, SER synchros, MAY 14 0044 - // 1602 with man & woman SS teletalk; good, over Italy. [Connelly*R-MA]
 1584 SPAIN, SER synchros / CEUTA, MAY 14 0045 - SER // 1575 evenly mixing with Ceuta SS music; growl & bad CBJ slop present. [Connelly*R-MA]
 1602 SPAIN, SER synchros, MAY 14 0045 - // 1575 with SS teletalk; good over likely EI Vitoria. [Connelly*R-MA]

- 1608 GERMANY, DHJ59, Wilhelmshaven, MAY 14 0045 - RTTY utility station; good. [Connelly*R-MA]
- 1611.4 NORWAY, LGB TLX, Rogaland, MAY 14 0100 - "LGB TLX" code ID, 3 data bursts (short, long, short); good. [Connelly*R-MA]
- 1613 DENMARK, OXZ, Lyngby, MAY 14 0059 - "OXZ" CW ID, then 4 slow data bursts in a repeated sequence; good. [Connelly*R-MA]
- 1619.45 NETHERLANDS, Scheveningen, PCH, MAY 14 0046 - repeated cycle of "PCH" Morse code ID and 8 data bursts; excellent. [Connelly*R-MA]
- 1620 SWEDEN (presumed), SAB, MAY 14 0049 - "SAB" code ID repeated at 20 second intervals; good. [Connelly*R-MA]
- 1698 SPAIN, utility station, La Coruna, MAY 14 0055 - SS talk (ship traffic) by man on upper sideband; very good when active - station had long silent periods between talk. Something else was under with RTTY or SITOR transmission. [Connelly*R-MA]
- 1713.05 unID utility station, MAY 14 0054 - man & woman FF talk on upper sideband, both sides of conversation equally clear. Not sure of origin, but it was heard during a primarily-European opening. [Connelly*R-MA]

PAN-AMERICAN DX

- 526 BAHAMAS, ZLS, Stella Maris, MAY 19 0126 - code "ZLS" beacon ID getting through well despite hefty RVC-530 slop. [Connelly*C-MA]
- 529.3 unID, MAY 19 0951 - weak het against RVC-530. [Connelly*H-MA]
- 535 GRENADA, GBC, St. George's, MAY 19 0127 - old-style radio drama (maybe religious in context); to good peaks. [Connelly*C-MA] MAY 19 0345 - good with back-to-back Rolling Stones oldies including "Let's Spend the Night Together" and "She's a Rainbow". [Connelly*H-MA]
- 550 CUBA, R. Rebelde synchros, MAY 19 0353 - // 710 with mellow nostalgic SS vocal; mixed with YVKE/WDEV/WPNW. [Connelly*H-MA]
- 555 ST. KITTS & NEVIS, ZIZ, Basseterre, JUN 15 0237 - Caribbean instrumental dance music with jazz saxophone track added; fair. [Connelly*H-MA]
- 570 CUBA, R. Reloj, MAY 19 0129 - R. Reloj SS news & timechecks; dominant over WMCA & other Latin American. [Connelly*C-MA]
- 600 CUBA, R. Rebelde, CMKV, Urbano Noris, MAY 19 0307 - SS male folk vocal (// 620, 670, 710); poor to fair, in growl. [Connelly*C-MA]
- 620 CUBA, R. Rebelde, Colón / Moa, MAY 19 0307 - // 600, 670, 710 with SS folk vocal; good / dominant. [Connelly*C-MA]
- 630 PUERTO RICO, WSKN, San Juan, MAY 19 0135 - Puerto Rico adverts, SS newstalk; over/under WPRO/CFCY. [Connelly*C-MA]
- 640 CUBA, R. Progreso outlets, Guanabacoa / Las Tunas, MAY 19 0942 - // 660 with children talking in SS. [Connelly*H-MA]
- 640 VENEZUELA, Union R., YVQO, Puerto La Cruz, MAY 19 0131 - SS baseball game // 1090: announcer mentioned "foul"; slightly over jumble of others. [Connelly*C-MA]
- 650 COLOMBIA, RCN Antena Dos, HJKH, Bogotá, MAY 19 0122 - SS political talk mentioning Medellín, Bogotá, and "alcalde" (mayor). Other SS station under was probably the YV or HI (but maybe long-sought Uruguay). [Connelly*C-MA] MAY 20 0048 - "Antena Dos" ID; way over mess. [Connelly*S-MA]
- 660 CUBA, R. Progreso, CMHG, Santa Clara, MAY 19 0942 - // 640 with SS talk (including a very young girl); behind WFAN. [Connelly*H-MA]
- 670 CUBA, R. Rebelde, CMQ, Arroyo Arenas, MAY 19 0307 - SS male folk vocal (// 600, 620, 710); good, over YVLL. [Connelly*C-MA]
- 670 VENEZUELA, R. Rumbos, YVLL, Caracas, MAY 19 0143 - Venezuelan baseball game coverage; mixed with Cuba & several others on a rather messy channel. [Connelly*C-MA]
- 710 CUBA, R. Rebelde synchros, MAY 19 0307 - folk music; fair, under WOR. [Connelly*C-MA]
- 720 BRAZIL, MAY 19 0158 - PP talk looping Brazil, briefly atop YVQE/HJAN/CHTN mess. Not enough local information for an ID: here Recife and Porto Alegre are both about equally likely. [Connelly*C-MA]
- 720 VENEZUELA, YVQE, Porlamar, MAY 19 0202 - Venezuela ads & phone numbers; slightly over Brazil & probable Colombia with residual CHTN in loop null. [Connelly*C-MA]
- 750 VENEZUELA, YVKS, Caracas, MAY 19 0118 - SS Caracas news item mentioning local banks; very good. There was an apparent Brazilian PP religious station noted under (but not enough of that one getting through for a report). [Connelly*C-MA] JUN 15 0103 - Venezuela SS news by woman; good. [Connelly*H-MA]

- 760 COLOMBIA, RCN, HJAJ, Barranquilla, MAY 19 0151 - // 770 with SS news with Bogotá mentions; initially even with what seemed like a dozen South Americans, then it charged atop. [Connelly*C-MA] MAY 20 0055 - RCN newstalk; loud / dominant. [Connelly*S-MA] JUN 15 0107 - SS news promo, RCN ID; huge / dominant. [Connelly*H-MA]
- 760 CUBA, R. Reloj, Las Mercedes / Guanabacoa, MAY 19 0937 - R. Reloj news & time show; dominant. [Connelly*H-MA]
- 770 COLOMBIA, RCN, HJXX, Bogotá, MAY 19 0148 - SS man & woman giving Bogotá news; over WABC. Low growl present. [Connelly*C-MA]
- 780 VENEZUELA, Ecos del Torbes, YVOD, San Cristobal, MAY 19 0153 - nostalgic strings / Latin American dance music, Ecos del Torbes ID; good, over jumble. [Connelly*C-MA]
- 790 CUBA, R. Reloj, Pinar del Rio, MAY 19 0935 - Reloj news & RR code beeps; mixed with WLKW. [Connelly*H-MA]
- 800 NETHERLANDS ANTILLES, Trans-World Radio, PJB, Bonaire, MAY 19 0107 - SS religious program with a mailing address in Anderson, IN; excellent, totally steamrolling the domestics. MAY 19 0204 - preaching in EE at this time; huge, way over CJAD/WCCM/others. [Connelly*C-MA]
- 810 COLOMBIA, CARACOL, HJCY, Bogotá, MAY 19 0106 - promo for "La Hora del Amor" show, then "CARACOL Colombia" ID; dominant. MAY 19 0205 - "en CARACOL" mention, newstalk by woman; monster signal, alone on channel. [Connelly*C-MA]
- 820 VENEZUELA, MAY 19 0211 - (3 YV's listed) - SS talk mentioned businesses "en Caracas"; in jumble with apparent Colombian & other Latin Americans. There were numerous South American "jumble channels" that pushed the S-meter past S9+40 dB during a great southeast opening noted during operation at an incredibly effective DXpedition site. [Connelly*C-MA]
- 830 ST. KITTS & NEVIS, TBN, Basseterre, MAY 19 0104 - noted under WCRN with US EE evangelistic preacher. [Connelly*C-MA]
- 860 CUBA, R. Reloj, CMBL, Arroyo Arenas, MAY 19 0434 - Reloj SS news, RR code beeps; over unID C&W station with CJBC nulled. [Connelly*H-MA]
- 860 BRAZIL, ZYJ459, Rio de Janeiro, MAY 20 0101 - PP talk with mentions of 860 kHz, Rio, Sao Paulo, & (possibly) CBN network. PP news followed. Signal briefly crested over a deep pile-up of Latin Americans; CJBC was pretty much buried. [Connelly*S-MA]
- 860 VENEZUELA, YVOL, San Cristobal, MAY 20 0059 - SS talk, Mundial slogan; over jumble. Also heard "Voz de America Latina" slogan, ID, or program name: possibly the same station or from another station mixing. [Connelly*S-MA]
- 895 ST. KITTS & NEVIS, VON, Bath Village, MAY 19 0059 - Carib-EE man said "This is the power of the eastern Caribbean, V-O-N."; good. [Connelly*C-MA] JUN 15 0046 - disco / soca hybrid music with lots of drums; good. [Connelly*H-MA]
- 940 COLOMBIA, RCN, HJGB, Cali, MAY 19 0102 - RCN ID, mention of "Colombianos", then accordion music & vocal; atop CBM. [Connelly*C-MA]
- 1000 COLOMBIA, RCN, HJAJ, Cartagena, MAY 20 0104 - R. Suceso and RCN ID's; under CKBW. [Connelly*S-MA]
- 1000 CUBA R Musical (site?); JUN 20 0259-0312 - one of the two sites listed (Sancti Spiritus or Camagüey), fair with piano concerto across ToH, // very poor 960. Mixing with RCN-Cartagena and others. [Krueger-FL]
- 1090 MEXICO XEFC Estéreo Romántica, Merida, Yucatan; JUN 28 0200-0207 - stumbled upon this by accident. Tune in to SS ballad, canned ID by man at 0202, "Ésta es XEFC Estéreo Romántica... 1090 kHz y (?) MHz FM... Desde Mérida." First time for this one, in fact tried once in the daytime and once at night from Key West three weeks ago with no results. Faded down quickly. [Krueger-FL]
- 1020 TURKS & CAICOS, Caribbean Christian Radio, MAY 20 0104 - US preacher; excellent, some WBZ-1030 slop. WBZ's transmitter in Hull is rather close to the N. Scituate Beach DX site I used: WBZ must be delivering "volts per meter" of RF. [Connelly*S-MA]
- 1020 VENEZUELA, MAY 19 0455 - probably YVRS here with Venezuelan National Anthem; slightly over jumble. [Connelly*H-MA]
- 1050.3 unID, MAY 19 0224 - stiff het against WEVD. This has been noted before, but getting audio past the New York slopper is a real challenge. [Connelly*C-MA]
- 1090 COLOMBIA, CARACOL, Cucuta/Sogamoso, MAY 19 0223 - // 1100 with ID "CARACOL, primer cadena radial de Colombia"; mixed with YVSZ and WBAL. [Connelly*C-MA]
- 1090 VENEZUELA, Union R., YVSZ, Caracas, MAY 19 0131 - // 640 with SS baseball game; mixed with WBAL & Colombia. [Connelly*C-MA]
- 1100 ANTIGUA, R. ZDK, St. John's, MAY 19 0235 - soca music, Carib-EE man; good, over Colombia & possible Brazil. [Connelly*C-MA]

- 1100 COLOMBIA, CARACOL, HJAT, Barranquilla, MAY 19 0222 - phone interview (// 810) with woman in SS; good. [Connelly*C-MA]
- 1110 VENEZUELA, YVQT, Carupano, MAY 14 0204 - Carupano ID, SS talk bubbled up briefly over generally stronger CKTY/WBT. [Connelly*R-MA]
- 1170 COLOMBIA, CARACOL, HJNW, Cartagena, MAY 19 0225 - // 1100 with woman in SS with news mentioning Denmark; huge, way over low growl, no sign of WWVA. [Connelly*C-MA]
- 1375 ST. PIERRE ET MIQUELON, RFO, MAY 13 2315 - fast FF talk / teletalk (highly-variable modulation level); strong on peaks. [Connelly*R-MA]
- 1559.96 USA (not HAITI!) WRHC, Coral Gables, JUN 14 0238-0310+ (local Friday eve) - very good-excellent with bilingual (Kreyol/English) program, either titled "Kreyol Speaking" or "Kreyol In English" [used both phrases often]. Male host, taking calls from listeners, including a lengthy one from an English caller in NYC, promoting his insurance company (which the host promoted in Kreyol). At tune-in, they were relaying (telco-audio) a newscast from Radio Cap-Haitien, which initially confused me. Many WRHC ID's; also implied that the program was relayed (syndicated) elsewhere. Believe I've noted--in the past months--that WRHC has been off-frequency since moving from 1550 kHz. If not, I am now. So, if you hear non-Spanish (the language listed for WRHC), off-frequency, and/or someone IDing as "Radio Cap-Haitien", don't jump to conclusions. [Krueger-FL] (Good report - Jim)

CONTRIBUTORS

@Mark Connelly [Connelly*C-MA] = Chatham, Cape Cod MA; [Connelly*H-MA] = East Harwich, Cape Cod MA; [Connelly*R-MA] = Rockport, MA (Granite Pier); [Connelly*S-MA] = North Scituate Beach MA; Drake R8A, RW-1 active whip, RL-1 remotely-tuned loop, 25 m E sloper, 50 m S wire, DCP-2 dual controller / phaser, Mini-MWT-3 regenerative preselector.
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Geomagnetic Summary Phil Bytheway bytheway@ATK.com
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Hgb "A" values indicate possible auroral conditions

Geomagnetic Summary March 6 1997 through March 31 1997

GEO - Geomagnetic activity pca - polar cap absorption
 maf - major flare SA - Solar Activity
 mas - major storm spe - satellite proton event
 mis - minor storm ss - severe storm

Date	FLUX	A	K	SA	GEO	OTHER
3/ 6	75	8	0	very low	quiet-unsettled	-
7	74	7	2	very low	quiet-unsettled	-
8	75	4	0	very low	quiet	-
9	75	0	0	very low	quiet	-
10	75	2	1	very low	quiet	-
11	74	3	1	very low	quiet	-
12	74	14	2	very low	quiet-active	-
13	74	5	2	very low	quiet	-
14	76	4	1	very low	quiet	-
15	76	6	3	very low	quiet-unsettled	-
16	76	7	1	very low	quiet-unsettled	-
17	75	4	3	very low	quiet-unsettled	-
18	74	6	0	very low	quiet-unsettled	-
3/19	74	3	2	very low	quiet-unsettled	-
?						
3/27	72	6	1	low	quiet	-
28	z	z	z	z	z	-
29	75	13	4	very low	quiet-active	-
30	74	8	1	very low	quiet-active	-
3/31	75	4	3	low	quiet-unsettled	-

Los Angeles Call Letter History
 By Bob Harrison

Chart 1

Earle C. Anthony was perhaps the most important leader in the early days of broadcasting in the Los Angeles area. Born in 1880, this entrepreneur made his mark at an early age. When he was only fourteen years old, he built an electric automobile powered by a motor of his own construction. As a young man he originated the idea of the "service station", a location along the roadway where the motorist could refuel his "horseless carriage" and obtain repairs or parts. On April 16, 1922, he launched station KFI as a "hobby" from the Packard Motor Company building in Los Angeles, where he worked as an agent and salesman. Under Mr. Anthony's leadership, KFI quickly grew into one of the most powerful and highly regarded radio voices on the west coast, with a signal heard across the nation. The *New York Times* radio listings of the 1920's included their late-night schedule for east-coast listeners.

Even though Mr. Anthony owned and operated such an important station, he dreamed of operating a second outlet in the Los Angeles area. In 1929 he purchased the tiny KPLA, which had begun at Big Bear Lake in 1925 as KFXB. He renamed it KECA, in reference to his initials. KECA's success however was hampered by its low power and undesirable dial position of 1430 kilocycles. Mr. Anthony jealously eyed the clear-channel 780 kilocycle frequency, which at the time was shared by two struggling stations, KTM and KELW. This hapless pair was engaged in a furious battle to kick the other off the air and take fulltime control of 780 kilocycles. One account said, "The KTM - KELW controversy was one of the most bitter fought before the old Radio Commission." The federal regulators criticized KELW, owned by Earl L. White, for giving broadcast time in exchange for "laundry, garage work, and other forms of service", while the wayward KTM "had featured astrologers", according to an account in the October 1, 1932 issue of "Broadcasting", as supplied to us by NRC'er Jim Roggentine. At that time, the federal authorities reluctantly renewed the KTM and KELW licenses. Shortly thereafter, the Hearst newspaper corporation bought out KTM and KELW, combining them into a single new station, KEHE, in 1935. Mr. Anthony finally realized his goal of taking over the 780 kilocycle frequency in 1939 when he purchased KEHE from Hearst and replaced it with KECA. But two years later, because of federal "duopoly" rules, he was forced to sell the station to the Blue Network (later the American Broadcasting Company), which changed the call sign to KABC in 1954.

This chart also shows the brief history of Los Angeles' first broadcasting station, KQL, founded by Arno A. Kluge in October of 1921 and shut down nine months later. Also, today's KLAC began in 1924 with the sequentially-assigned call KFGC, changed in 1925 to KMTR, after its owner, the K.M. Turner Radio Corporation.

Chart 2

Many of today's Los Angeles area stations can trace their history to the early days of broadcasting. KFRN was founded in Long Beach in 1924 as KFON by the Echophone Radio Shop. The call sign was changed to KFOX in 1928; that call sign lasted almost fifty years.

The Los Angeles station which operated for over sixty-five years as KMPC began in the "unregulated" radio days of early 1927 as KRLO; it squeezed itself on the air using the frequency of 681.4 kilocycles. It became KEJK in 1928, and KMPC in 1930, named after its new owner, the MacMillan Petroleum Company. In the early 1930's a team of station comedians created a skit which involved fictitious characters who lived in cabins hidden away in the woods of Beverly Hills. "The Beverly Hillbillies" became so popular that station personnel flew to Arkansas to scour the Ozark Mountains in search of "genuine" hillbillies who could provide realistic music for the program. One of these musicians, James Baker, became one of country music's biggest recording stars of the 1940's under the name Elton Britt. KMPC was owned for many years by Gene Autry, and once was one of the nation's most important country music outlets.

KTNQ began in 1925 with the sequentially-assigned call-letters KFVD, and was founded by the McWhinnie Electric Company. The KIEV call-letters were also assigned sequentially and have remained in use since 1932. Stations with sequentially-assigned call-letters but a much shorter history include KGFH of La Crescenta, founded by Frederick Robinson in 1927; KFQZ, owned by Taft Radio of Hollywood; and KZC, founded in 1921 by the Western Radio Electric Company. KZC's call sign switch to KOG in February of 1922 was the first call-letter change in U.S. broadcasting history! KOG was deleted early in 1923.

Los Angeles & Orange County AM Call-Letter History Chart #4

1922	KXS 833				KUS 833
6/30/23					833
1926					
4/26/27	1190	950	1390		
6/15/27	830	950	1390		
12/01/27	850	950	1390		
	830				
11/11/28	950	950	1370		
1930		1360	1360		
1934					
3/29/41	980		1390		
		KPAS 1110			
		KXLA			
1950					
	KCHV 970				
1960			1010		
		KRLA			
				KTOT 1050	
1970					
				KBBV	
1980					
	KVIM				KPSL
1990	KCLB				
1997			KLTX		

Los Angeles & Orange County AM Call-Letter History Chart #5

1922	KGC 833				
	KKNX	:KZI 833			KWH 833:KSS 833
6/30/23					
	833				833: 833
				KFSG 1080	
	890			1090	
1926					
4/26/27	890			1150	1090
6/15/27	890			1340	1090
12/01/27	890			1340	1090
11/11/28	1050			1120	1120
1930					
		KMCS			
1934					
		KRKD			
3/29/41	1070			1150	1150
1950					
1960					
					KEZY 1190
1970					
		KIIS			
1980					
		KVOI			
		KPRZ			
		KCMJ 1140			KPZE
1990					
					KORG
					KBET 1220
1997					

Chart 6

One of the most successful Los Angeles broadcasting stations was started by a twenty-year-old "ham" operator, who brought a new station on to the standard broadcast band early in 1927 during the hectic months of "non-regulation". KGFJ was the sequentially assigned callsign given to University of Southern California sophomore Ben S. McGlashan for a station he built from equipment originally used by the defunct KUS (see chart 4). According to an article in the March 1, 1932 issue of "Broadcasting", provided to us by NRC member Jim Roggentine, the 100-watt KGFJ was a major financial and musical success. The station boasted a 22-piece staff orchestra and a long list of loyal advertisers. McGlashan said he owed his success to his "ten commandments" of business, the first of which stated, "Operate 24 hours a day." (Other rules included: "Cash in advance" and "Put money back into programs".) Throughout the 1930's KGFJ operated on the local 1200 kilocycle channel, directly adjacent to the 1210 kilocycle channel shared by Pasadena's KPPC and San Bernardino's KFXM. This tight arrangement was possible only because the stations all operated with such low power.

When KPPC was licensed to the Pasadena Presbyterian Church in January of 1925, it marked the first time a customized "K" callsign was authorized. Prior to this, all four-position "K" calls were assigned sequentially from an alphabetized list in the KF-- range. KPPC's operations were limited to Sundays and Wednesdays for church services and related programming. The November, 1928 frequency allocations found KPPC sharing the local 1200 kilocycle channel with San Bernardino's KFWC. Within a year, KFWC changed its call-letters to KFXM, and the two were nudged up to 1210 kilocycles, as KGFJ (above) moved to 1200 kc. Now things start to get very confusing, so you may want to follow along on the chart. The KPPC-KFXM pair shifted up to 1240 kilocycles in 1941 (along with all other stations on 1210), and in the mid-1940's, KFXM was freed from the time-sharing arrangement by moving to 590 kilocycles. Shortly afterwards, a new San Bernardino station, KRNO, was assigned to 1240 kilocycles. Instead of sharing time with KPPC, KRNO was allowed to broadcast during KPPC's Sunday and Wednesday hours, but with a limit of 500 watts. Meanwhile, KGFJ (now on 1230 kilocycles) joined other local stations in increasing its power, but it was compelled to drop back to its original 100 watts while KPPC was broadcasting on Wednesday evenings and Sundays. All the while, KPPC was not permitted to increase its power beyond the 100 watts it had been using since the early 1930's.

Hence, by the 1960's, KPPC could be considered the smallest of all U.S. broadcasters, both in terms of its 100-watt power and its limited Wednesday evening and Sunday hours. The IRCA reprint "Not Just Your Average Radio Station" by Jay Hurley paints a fascinating picture of the station in those days. This pint-sized broadcaster made big waves in becoming the second station in the nation (after a San Francisco FM'er) to go "free-form underground". The article stated, "With candid discussions of grass and acid, hash and speed, and anything else that might pop into some freak's head..., KPPC quickly became something much different from its original intended purpose." And the studios at that time were still located in the basement of the Pasadena Presbyterian Church!

For radio traditionalists, this saga ended on a sad note in 1996 when the decades-old KGFJ and KPPC callsigns were replaced with KYPA and KXPA to match the "Personal Achievement" programming format. The station owners apparently had little regard for the rich history that accompanied their stations' callsigns.

Early, short-lived stations on the chart: KNV, owned by the Radio Supply Company; KJC, owned by the Standard Radio Company; and KNN, owned by "Bullock's".

Chart 7

Among the most controversial stations of broadcasting's early days was KGEF, established during the "unregulated days" of 1926 by the Trinity Methodist Church. According to a series of "Broadcasting" articles forwarded to us from NRC member Jim Roggentine, the church's pastor, Rev. Robert P. ("Fighting Bob") Shuler, was a political activist who at one time ran for a U.S. Senate seat from California. The radio commission deleted his license in 1931, alleging that "Dr. Shuler's broadcasts were sensational rather than instructive, and that in two instances the pastor had been convicted of attempting in his radio talks to obstruct the orderly administration of public justice." Dr. Shuler fought the license revocation on free-speech grounds, but ultimately lost the case in federal appeals court.

The big winner in this case was KGEF's share-time partner KFAC, which was allotted full-time status on 1300 kilocycles after KGEF was eliminated. KFAC began early in 1922 as KJS, and was renamed a few years later to KTBI in honor of its owner, "The Bible Institute" of Los Angeles. Today this station operates as KWKW.

Some of the early broadcasters which lasted only a short time were: KUY, owned by the Coast Radio Company of El Monte; KDYR, operated by the "Pasadena Star News"; KDZD, operated by W.R. Mitchell, and KDZF, begun by the Automobile Club of Southern California.

Los Angeles & Orange County AM Call-Letter History Chart #6

1922	KNV 833				KJC 833:KNN 833
6/30/23	833				
		KPPC 1310	KFWC 1420		
1926					
		KGFJ 1375		1030	
4/26/27		1390	1310	1080	
6/15/27			1310	1350	
12/01/27		1440			
		1410	950	1210	
11/11/28					
		1420	1200:	1200	
1930		1200	1210:	1210	
1934					
3/29/41		1230	1240:	1240	
				590	KRNO 1240
1950					
1960	KKAR 1220				KDHI 1250
1970					KBON
					KDIG
1980	KLIT				
	KTSJ				KFLE
1990				KRSO	
1997	KWPA	KYPA	KXPA	KSZZ	KKLA KQYN
			KBLV		

Los Angeles & Orange County AM Call-Letter History Chart #7

1922	KUY 833	KDYR 833	KDZD 833	KDZF 833	KJS 833
6/30/23	833			1080	833
	1170				1020
1926					KTBI
				KGEF 580	
				570	
4/26/27				1140	1020
6/15/27				1140	1040
12/01/27				1140	1090
11/11/28				1300	1300
1930					KFAC
1934					
3/29/41					1330
1950	KGIL 1260	KITO 1290	KAGH 1300		
		KWKW			
1960		KMEN			KHSJ 1320
	KGOL 1270				
1970	KGUY				
1980					
	KNWZ				
1990			KAZN		KWKW
	KJQI				
	KNNS			KSDT	
1997	KGIL				

Chart 8

There seems to be no end to the Los Angeles stations which failed to survive the "pioneering days" of broadcasting! This chart displays six more, all of which had call-letters assigned by the Radio Commission from its alphabetically sequential list: KDZP, owned by the Newberry Electric Corporation; KFAR, owned by the Studio Lighting Service of Hollywood; KFAC, operated by the "Glendale Daily Press"; KFAV, a property of the Abbot Kinney Company in Venice; KFAW, operated by the "Radio Den" of Santa Ana; and KFCL, owned by the Los Angeles Union Stock Yards.

Chart 9

Here we go with another six Los Angeles area stations which began and ended during broadcasting's early days. Again, all of them had call-letters assigned alphabetically by the Federal Radio Commission: KFJH, owned by Fallon and Company of Santa Barbara; KFMV, licensed to the Boy Scouts of America in Long Beach; KFNV, operated by the L.A. Drake Battery and Radio Supply Shop in Santa Rosa; KFOC, owned by the First Christian Church in Whittier; KFPR, licensed to the Los Angeles County Forestry Department; and KFQG, operated by the Southern California Radio Association.

Chart 10

Santa Ana's KWIZ can trace its history back to the days of "nonregulation" in 1926, when Dr. John Wesley Hancock established KWTC there. By 1930 the station became KREG, and was owned by the Pacific Western Broadcasting Federation. In the mid 1930's it became KVOE, "the Voice of the Orange Empire". Its present callsign KWIZ dates back to the mid 1950's.

Three more Los Angeles area stations with shorter lives are also shown on this chart: KFWO was operated by Mr. Lawrence Mott from Avalon; KFQI belonged to the Thomas H. Ince Corporation of Culver City; and KFVF was licensed to Carl's Radio Den and the Newcomb Radio Company of Oxnard.

Chart 11

The station which operates today from Albuquerque, New Mexico as KZSS can trace its history back to the early days of broadcasting in Southern California. KGGM was the sequentially-designated callsign assigned to Mr. Jay Peters of Inglewood, California in 1927 when his "portable" station was licensed by the Radio Commission. In 1928, when the commission revamped the frequency assignments, KGGM was relocated to Albuquerque, where it operated with those call-letters for over forty years. In fact, the old callsign remained in service on the TV side into the 1990's.

Another portable station, KGFO, did not fare as well. Operated by Brant Radio, this station failed to win a frequency assignment in the 1928 allocations.

Coming soon - the Ventura Call Letter History!

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

Here are some Arena League football stations - taken from Arena League net (sent by Bob Pitsch via e-mail): www.newreach.net/kevmo/arena .

Albany Firecats	590 WROW-NY	New Jersey Red Dogs	930 WPAT-NJ
Anaheim Piranhas	95.9 KEZY-CA		1250 WMTR-NJ
Arizona Rattlers	Unknown	New York Cityhawks	Unknown
Florida Bobcats	Unknown	Portland Forest Dragons	970 KUPL-OR
Iowa Barnstormers	Unknown	Orlando Predators	540 WQTM-FL
Milwaukee Mustangs	1290 WMCS-WI	San Jose Saber Cats	680 KNBR-CA
Nashville Kats	1380 WHEW-TN	Tampa Bay Storm	1250 WDAE-FL
	1270 WQKR-TN	Texas Terror	950 KPRC-TX
	1010 WHIN-TN		

Here is some updated Major League Baseball information "Baseball America 1997 Directory" via Tom Sanders.

Montreal Expos - 730 CKAC-PQ (FF) Jacques Doucet, Rodger Brulotte, Alain Chantelois
Kansas City Royals - Paul Splittorf is the fourth announcer.
San Francisco Giants - Lon Simmons is the fourth announcer, probably replacing Jon Miller on Sundays and other dated when Jon is on ESPN.

Here are more Major League Baseball network lists. Note that these lists are subject to change. I have included two network lists that I had in a previous column; I have received other copies of these network lists that differ from what I had previously. All of these differences are noted in the lists and footnotes. I am missing nine lists from seven teams (Kansas City Royals, Detroit Tigers, Saint Louis Cards, Atlanta Braves, Florida Marlins, Montreal Expos, San Diego Padres).

Anaheim Angels 1997 Bob Starr, Mario Impemba (from "Media Guide" via Bob Galerstein)
 710 KTZN-CA * 1350 KBID-CA 1400 KTUC-AZ p
 1340 KIKO-AZ KCKC-CA v 1440 KUHL-CA

Baltimore Orioles 1997 Fred Manfra, Chuck Thompson, Jim Hunter (from "Media Guide" via Bob Galerstein)
 540 WDMV-MD 960 WTGM-MD 1310 WGH-VA 1490 WARK-MD 92.7 WMJS-MD
 620 WDNC-NC k 970 WAMD-MD 1340 WEPM-WV WLP-PA o 96.9 WBAY-MD
 800 WCHA-PA 1090 WBAL-MD * 1400 WINC-VA 1500 WTOP-DC 106.3 WCEM-MD
 910 WSBA-PA 1260 WNRK-DE 1450 WTBO-MD 1600 WKEN-DE
 930 WFMD-MD 1290 WHVR-PA 1470 WTRR-MD

Boston Red Sox 1997 Joe Castiglione, Jerry Trupiano (from "Red Sox Magazine" via Jon Ohman and from Red Sox Food and Beverage[as of 3/4/97] via Bob Galerstein)
 550 WDEV-VT 1080 WTIC-CT 1350 WINY-CT 1450 WKXL-NH 94.9 WSYY-ME
 560 WHYN-MA 1160 WSKW-ME WNLK-CT 1470 WSRO-MA 99.3 WKTJ-ME
 580 WTAG-MA 1230 WNAW-MA 1370 WDEA-ME 1480 WSAR-MA 100.1 WHOU-ME
 610 WGIR-NH WQDY-ME 1380 WNRI-RI 1490 WMRC-MA WPNH-NH
 620 WZON-ME WMOU-NH WSYB-VT WEMJ-NH 100.7 WTBM-ME
 630 WPRO-RI WERI-RI 1400 WILI-CT WCFR-VT 101.7 WOZI-ME
 730 WJTO-ME WJOY-VT WSTC-CT WFAD-VT 102.5 WQSS-ME
 850 WEEI-MA * 1240 WHAI-MA WHMP-MA WIKE-VT 103.1 WDME-ME
 930 CFBC-NB 1250 WARE-MA WIDE-ME d WKVT-VT 104.7 WQEZ-ME
 WIZR-NY 1 1270 WTSN-NH WLTN-NH 104.9 WSRD-NY
 940 WINE-CT 1280 WEIM-MA WTSL-NH 92.7 WOXO-ME 105.5 WAXB-CT
 970 WESO-MA 1290 WKNE-NH 1420 WBEC-MA WQDY-ME 107.9 WHQO-ME
 990 WCMF-NY 1340 WSTJ-VT 1440 WJAE-ME 93.5 WCFR-VT

Boston Red Sox (SS) 1997 Bobby Serrano, Hector Martinez (from Fenway Park center field message board via Jon Ohman) [home night games only]
 730 WACE-MA 830 WCRN-MA 1120 WPRX-CT
 800 WCCM-MA 950 WROL-MA * 1220 WXCT-CT

Chicago Cubs 1997 Pat Hughes, Ron Santo, Harry Caray (from WGNRadio@tribune.com)
 720 WGN -IL * 1150 KCPN-IA H 1350 KRNT-IL 1540 WBNL-IN 97.7 WMOI-IL G
 800 KXIC-IL 1170 KJOC-IL G 1380 KCIM-IL 1550 KIWA-IL 103.1 WAKO-IL
 810 WDDD-IL 1240 KRDCO-CO I 1400 KADR-IL KAPE-MO 104.9 WAXI-IN
 880 WINU-IL G WHBU-IN G WDW-IL 1570 WFRL-IL G 105.3 KIWA-IL
 910 WAKO-IL 1270 KTRT-OK WBAT-IN WIFF-IN 107.1 WBNL-IN
 920 WMOK-IL G 1290 WIRL-IL 1440 WGEM-IL G 1590 KWBG-IL
 1020 WCIL-IL 1310 KOKX-IL 1450 WFMB-IL WPCO-IN
 1050 WDZ -IL G 1330 WRAM-IL G 1460 WKAM-IN G
 1060 KUKQ-AZ 1340 KRLV-NV 1470 WQSN-MI G 95.9 WCNL-IL

Chicago White Sox 1997 John Rooney, Ed Farmer, Bill Melton (from CWS front office via Ken Onyschuk & from "Media Guide" via Bob Galerstein)
 860 WGOM-IN 1240 WSDR-IL 1360 WLBB-IL 97.7 WMOI-IL G 102.5 WHHK-IN
 880 WINU-IN G WTAX-IL 1440 WGEM-IL G WLQI-IN 103.1 WHME-IN f
 920 WMOK-IL fG WHBU-IN G WROK-IL 97.9 WLUP-IL a 103.5 WRGX-IN a
 1000 WMVP-IL * 1250 WIZZ-IL 1460 WKAM-IN G 98.1 WIBN-IN 104.9 WGEN-IL
 1050 WDZ -IL G 1270 WEIC-IL 1470 WQSN-MI G 98.3 WBYS-IL 105.5 WYKT-IL
 1060 WRHL-IL 1320 WKAN-IL 1490 WZOE-IL 102.3 WEBQ-IL e 107.7 WMRS-IN
 1170 KJOC-IA fG 1330 WRAM-IL G 1570 WFRL-IL G WOOZ-IL f
 1240 WEBQ-IL 1350 WIOU-IN WTAZ-IL

Cincinnati Reds 1997 Marty Brennaman, Joe Nuxhall, George Grande, Chris Welsh (from "Media Guide" via Bob Galerstein)
 580 WCHS-WV 970 WWIT-NC 1260 WNDE-IN t 1490 WMOA-OH 100.1 WMDJ-KY
 610 WTVN-OH WATH-OH 1290 WHIO-OH 1520 WOOO-IN 100.9 WPGW-IN
 620 WDNC-NC k 990 WJEH-OH 1340 WLBC-IN WJAW-OH
 630 WLAP-KY 1110 WCBR-KY WBGH-KY 92.1 WMPO-OH 102.3 WFPC-IN
 680 WCCT-KY 1150 WNDI-IN 1370 WGOH-KY 92.7 WCMI-KY WUGO-KY
 700 WLW -OH * WIMA-OH 1380 WTOB-TN y 94.1 WAXS-WV 103.9 WRBI-IN
 740 WRNR-WV 1230 WHIR-KY WLRV-VA 94.3 WKKI-OH 104.1 WLBC-IN
 810 WMTS-TN WIRO-OH 1400 WBTH-WV 94.9 WZIO-OH 104.9 WWWW-IN
 910 WKEQ-KY 1240 WFTM-KY 1440 WPGW-IN 95.9 WFTM-KY 105.5 WCHO-OH
 930 WHON-IN WSFC-KY WMDJ-KY 97.7 WBVI-OH 105.9 WHAY-KY
 WRVC-WV WHIZ-OH 1490 WFKY-KY WCJO-OH 106.1 WRZZ-WV
 970 WAVG-KY 1250 WOFR-OH WBEX-OH 99.3 WNXT-OH

Cleveland Indians 1997 Herb Score, Tom Hamilton (from "Media Guide" via Bob Galerstein)
 790 WPIC-PA 1300 WMVO-OH 1410 WDOE-NY 1520 WQCT-OH 95.3 WLKR-OH
 920 WMNI-OH 1320 WLOH-OH 1430 WCLT-OH 1540 WBTC-OH 100.9 WBNO-OH
 930 WEOL-OH 1330 WSPQ-NY WFOB-OH 1550 WDLR-OH 101.1 WJAW-OH
 970 WFUN-OH WFIN-OH 1450 WJER-OH 1570 WANR-OH 104.5 WQKT-OH
 1220 WKNR-OH * 1370 WWCB-PA WLEC-OH 1590 WAKR-OH 107.1 WDOH-OH
 1230 WCWA-OH 1390 WBLL-OH 1460 WBKC-OH 107.3 WYBZ-OH
 1260 WRIE-PA WHOT-OH 1480 WHBC-OH 92.7 WQEL-OH
 1270 WUCO-OH 1400 WMAN-OH 1490 WMRN-OH 93.5 WBNV-OH

Colorado Rockies 1997 Wayne Hagin, Jeff Kingery (from "Media Guide" via Bob Galerstein)
 590 KCSJ-CO 950 KMER-WY g 1250 KIKC-MT g 1450 KVCK-MT g 95.7 KCGM-MT g
 610 KCSR-NB 1010 KSIR-CO 1260 KPOW-WY g KRZY-NM 97.3 KKJQ-KS
 KVN-UT 1030 KBUF-KS 1270 KIML-WY KBFS-SD g 100.1 KMMR-MT g
 660 KEYZ-ND KTWO-WY 1290 KOWB-WY KSGI-UT 101.3 KIQX-CO
 690 KOAQ-NB 1150 KCUV-CO * 1310 KFKA-CO KBSS-WY g 102.3 KSPK-CO
 730 KLOE-KS KIMM-SD 1330 KFCA-AR B KVOW-WY g 104.1 KFMU-CO
 740 KTWK-CO 1230 KXLO-MT g 1340 KYLT-MT g 1460 KKFR-NB 104.7 KNNG-CO
 790 KGHL-MT g KYVA-NM m KWOR-WY g 1470 KKTY-WY 106.1 KNFO-CO

KUTA-UT 1240 KWIK-ID g 1400 KXGN-MT g 1490 KFFN-AZ 106.3 KOTB-WY g
 810 KRGS-CO KFBC-WY KCOW-NB KRSN-NM 107.1 KSIR-CO
 850 KOA-CO* KRAL-WY g KBJM-SD KUGR-WY 107.9 KBKL-CO
 920 KLMR-CO KTHE-WY g 1410 KCOL-CO
 930 KROE-WY KYCN-WY g 1450 KMMS-MT g 92.7 KTOD-AR

Houston Astros 4/22/97 Milo Hamilton, Jim Deshaies, Vince Cotronio (from www.astros.com)

560 KLVJ-TX 1160 KENS-TV 1330 KFCA-AR B 1440 WZWN-FL
 610 KILT-TX* 1220 KMVL-TX KGLD-TX KMLB-LA 92.7 KTOD-AR
 640 KTIB-LA 1230 KSIX-TX KLBO-TX KMRC-LA KIVY-TX
 710 KURV-TX 1240 KANE-LA 1340 KAMG-TX KETX-TX 94.7 KVLL-TX
 790 KKYR-TX KVLV-TX KRBA-TX 1450 KCTI-TX 98.3 KULM-TX
 860 KSFA-TX 1280 KWHI-TX 1390 KULP-TX KCYL-TX 98.5 KRXT-TX
 910 KNAF-TX 1300 KFLO-LA 1400 KEBE-TX 1470 KLCL-LA ___ AFRN-__ A
 1060 WLNO-LA WIBR-LA KPUR-TX 1490 KVLL-TX
 1150 WTAW-TX 1320 KXYZ-TX KTEM-TX 1550 KWBC-TX

Los Angeles Dodgers 1997 Vin Scully, Ross Porter, Rick Monday (from Dodger publication "Line Drives" via Jon Ohman and from "Media Guide" via Bob Galerstein)

610 KAVL-CA 1010 KPSL-CA 1250 KTMS-CA 1360 KGME-AZ s 1490 KMET-CA
 720 KDWN-NV 1230 KBOV-CA 1300 KROP-CA 1370 WAXE-FL xs 1560 KNZR-CA
 760 KGU-HI s KYVA-NM ms 1340 KCBL-CA 1400 KTUC-AZ ps 1570 KUAU-HI s
 790 KABC-CA* 1240 KJAA-AZ KIST-CA 1450 KVEN-CA
 920 KVEC-CA KSMA-CA WSTA-VI s KMSL-MT zs

Los Angeles Dodgers (SS) 1997 Jaime Jarrin, Rene Cardinas (from Dodger publication "Line Drives" via Jon Ohman)

1280 KDOL-NV 1330 KWKW-CA* 1490 KICO-CA 1600 KGST-CA

Milwaukee Brewers 1997 Bob Uecker, Jim Powell (from "Media Guide" via Bob Galerstein)

550 WSAU-WI 1090 WISS-WI 1320 WFHR-WI 1490 WIGM-WI 94.3 WPRE-WI
 570 WMAM-WI 1150 WHBY-WI 1330 WHBL-WI 1550 WEVR-WI 95.9 WRDN-WI
 580 WKTY-WI 1230 WKIB-MI 1340 WLDY-WI WMIR-WI 96.3 WJMC-WI
 590 WJMS-MI WCLO-WI 1380 WBEL-WI 1590 WTOQ-WI 96.7 WJHH-WI
 620 WTMJ-WI* 1240 WJPD-MI 1400 WATW-WI 98.3 WQQM-WI
 680 WDBC-MI WJMC-WI WBIZ-WI 92.1 WRJC-WI 99.1 WIKB-MI
 910 WDOR-WI WOBT-WI WDUZ-WI WRLS-WI 99.3 WIGM-WI
 940 WFAW-WI WOMT-WI WRDB-WI 92.3 WJPD-MI 100.1 WDDC-WI
 960 WTCH-WI 1260 WEKZ-WI 1430 WBEV-WI 92.7 WDUX-WI 100.9 WRCO-WI
 970 KXTP-WI WWIS-WI WRDN-WI WLDY-WI 102.3 WISS-WI
 980 WPRE-WI 1270 WRJC-WI 1450 KFIZ-WI 93.7 WEKZ-WI 105.3 WRLO-WI
 1010 WSPQ-WI 1290 WKLJ-WI WDLB-WI WHTD-WI 106.3 WEVR-WI
 1050 WLIP-WI 1310 WIBA-WI WRCO-WI 93.9 WDOR-WI

Minnesota Twins 1997 Herb Cameal, John Gordon, Ryan Lefebvre (from "Media Guide" via Bob Galerstein)

570 WNAX-SD 1190 KMFJ-MN 1320 KOZY-MN 1450 KATE-MN 94.3 KDOM-MN
 600 KEYZ-ND 1210 KOKK-SD 1330 KDRQ-ND KBUN-MN KMSR-MN
 610 KDAL-MN 1220 KDDR-ND 1340 KDLM-MN KBMW-ND 96.5 KJJK-MN
 730 KWOA-MN 1230 KGHS-MN KROC-MN 1460 KLTC-MN 99.3 KSTQ-MN
 790 KFGO-ND KMRS-MN KWLM-MN 1470 KNDC-ND 99.7 KXDL-MN
 830 WCCO-MN* KTRF-MN KXPO-ND 100.1 KOLV-MN
 860 KNUJ-MN KWNO-MN KTOQ-SD 1480 KAUS-MN 103.1 KFIL-MN
 910 KJJQ-SD 1240 WJON-MN 1390 KFRO-MN 1490 KOVC-ND 104.1 KSDM-ND
 920 KDHL-MN KDLR-ND KRRZ-ND 1520 KMAV-ND 105.5 KMAV-ND
 930 KKIN-MN 1260 KROX-MN 1400 KMHL-MN 1580 KDOM-MN 106.3 KRJB-MN
 KSDN-SD 1270 WWVI-MN WHLB-MN 1600 KDAK-ND KQLX-ND
 950 KWAT-SD KLXX-ND KQDJ-ND 107.1 KMGK-ND
 1060 KGFX-SD 1300 KGLO-IA 1410 KHOL-ND 92.1 KRUE-MN
 1140 KSOO-SD 1310 KNOX-ND 1420 KTOE-MN WYRQ-MN

New York Mets 1997 Bob Murphy, Gary Cohen, Gary Thorne (from Mets via Bob Galerstein)

660 WFAN-NY* 930 WIZR-NY I 1390 WRIV-NY 1590 WPSL-FL
 870 WHCU-NY 1280 WADO-NY S 1490 WCDO-NY

New York Yankees 1997 (Madison Square Garden Yanks Net) John Sterling, Michael Kay (from MSGN via Bob Galerstein)

550 WPNW-RI 820 WZTM-FL 1240 WBAX-PA 1420 WACK-NY 92.7 KASR-AR
 600 WICC-CT 950 WRUN-NY 1340 WBRK-MA u 1430 WENE-NY 96.3 WPTR-NY
 620 WHEN-NY q 1000 WVWI-VI WENT-NY 1440 WWTM-MA 103.5 WNNR-NY
 630 WEJL-PA 1030 WSFZ-TN WIRY-NY 1450 WSNO-NY
 770 WABC-NY* 1160 WPIE-NY 1390 WKDR-VT 1490 WKNY-NY
 790 WTNV-NY 1180 WJFF-RI 1410 WPOP-CT 1510 WPUT-NY
 800 WLAD-CT 1240 WWCO-CT WELM-NY

Oakland Athletics 1997 Bill King, Ken Korach, Ray Fosse (from the WWW via Bob Karchevsky & Bob Pietsch)

610 KFRC-CA* 970 KBUL-CA 1400 KQMS-CA 1450 KVML-CA
 880 KTMT-OR 980 KINS-CA 1410 KMYC-CA 1490 KBLF-CA
 950 KAHI-CA 1300 KPMO-CA 1450 KTIP-CA KRKC-CA

Philadelphia Phillies 1997 Harry Kalas, Rich Ashburn, Andy Musser, Chris Wheeler (from "Media Guide" via Bob Galerstein)

550 WPNW-RI 820 WZTM-FL 1240 WBAX-PA 1420 WACK-NY 92.7 KASR-AR
 600 WICC-CT 950 WRUN-NY 1340 WBRK-MA u 1430 WENE-NY 96.3 WPTR-NY
 620 WHEN-NY q 1000 WVWI-VI WENT-NY 1440 WWTM-MA 103.5 WNNR-NY
 630 WEJL-PA 1030 WSFZ-TN WIRY-NY 1450 WSNO-NY
 770 WABC-NY* 1160 WPIE-NY 1390 WKDR-VT 1490 WKNY-NY
 790 WTNV-NY 1180 WJFF-RI 1410 WPOP-CT 1510 WPUT-NY
 800 WLAD-CT 1240 WWCO-CT WELM-NY

Pittsburgh Pirates 1997 Lanny Frattare, Steve Blass, Bob Walk (from Curt White)

590 WMBS-PA 1230 WTVI-PA 1340 WHAR-WV 1450 WJPA-PA 1540 WECZ-PA
 600 WFRM-PA 1240 WBBW-OH WTCS-WV WMAJ-PA 1580 WANB-PA
 940 WESA-PA 1270 WCBC-MD 1400 WKBI-PA 1460 WMBA-PA 1590 WCBG-PA
 990 WTIG-OH WILE-OH WRJV-PA 1470 WZGO-PA
 WVSC-PA 1280 WKST-PA WBBW-WV 1480 WCNS-PA 97.7 WILE-OH
 1000 WIOO-PA 1310 WNAE-PA 1430 WVAM-PA 1490 WWPR-FL 102.1 WOWQ-PA
 1020 KDKA-PA* 1330 WFLP-PA WEIR-WV WOHI-OH 103.1 WANB-PA
 1050 WMSG-MD WETZ-WV 1440 WRRO-OH WESB-PA 105.5 WBTQ-WV
 1160 WCCS-PA 1340 WCVI-PA WAJR-WV WMGW-PA 105.5 WPXZ-PA
 1230 WBVP-PA WTRN-PA 1450 WFRA-PA WNTJ-PA 107.1 WEXC-PA

San Francisco Giants 1997 Jon Miller, Ted Robinson, Mike Krukow, Duane Kuiper (from http://www.sfgiants.com via Bob Pietsch [e-mail] and from "Media Guide" via Bob Galerstein)

600 KNRO-CA 680 KNBR-CA* 1270 KPLY-NV 1400 KKJL-CA 92.7 KMFB-CA
 620 KMJC-CA 1010 KIQI-CA c s 1300 KYNO-CA 1560 KIQS-CA
 670 KPUA-HI 1230 KGEO-CA rs 1340 KATA-CA

Seattle Mariners 1997 Dave Hiehaus, Ron Fairly, Rick Rizzos (from "Media Guide" via Bob Galerstein)

670 KBOI-ID 900 KKRT-WA 1240 KCVL-WA s 1420 KRSR-OR w 1490 KVAC-WA
 680 KOMW-WA w 920 KXLY-WA KGY-WA 1430 KBRC-WA 1520 KFXX-OR
 710 KIRO-WA* 930 KTKN-AK w 1280 KIT-WA 1450 KIOV-ID 1550 KVAN-WA
 800 KINY-AK 990 KRKT-OR 1300 KLER-ID KONP-WA
 840 KSWB-OR w 1030 KMAS-WA 1320 KGDC-WA 1470 KELA-WA 96.7 KREW-WA
 870 KCLX-WA 1080 KASH-AK KXRO-WA F 1490 KBSR-MT 106.3 KVLK-WA
 KFLD-WA 1170 KPUG-WA 1340 KIHOR-OR s KLOG-WA

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Texas Rangers 1997 Eric Naidel, Brad Sham (from www.krld.com)											
600	KROD-TX C	1150	KCCT-TX	1320	KXOL-OK	1450	KGFF-OK	97.7	KEAS-TX		
	KTBB-TX	1220	KMVL-TX D		KVMC-TX	1460	KKTK-TX	98.3	KCUB-TX		
640	WWLS-OK		KZEE-TX	1330	KLBO-TX D	1490	KPLT-TX		KFYZ-TX		
690	KPET-TX	1230	KSEY-TX	1340	KAND-TX	1510	KCTX-TX		KPTX-TX		
710	KGNC-TX		KSST-TX		KYYD-TX	1560	KEGG-TX	103.3	KWOW-TX		
740	KCMC-TX	1240	KVSO-OK	1370	KFRO-TX	1580	KGAF-TX	103.7	KRPT-OK		
760	KTKR-TX		KTAM-TX		KPOS-TX	1590	KEAS-TX	104.3	KGAS-TX		
790	KFYO-TX		KVLF-TX D	1380	KBWD-TX		KGAS-TX	104.9	KBUK-TX		
840	KVJY-TX		KXIT-TX	1390	KULP-TX D	1600	KOGT-TX	106.3	KAUM-TX		
850	KRPT-OK	1260	KKSA-TX	1400	KNOR-OK			107.3	KPOS-TX		
860	KSFA-TX D	1290	KIVY-TX		KGVL-TX	92.1	KHOS-TX				
1080	KRLD-TX *	1300	KFLO-LA D	1410	KCUL-TX	92.3	KCUL-TX				
1090	WKII-FL		KVET-TX	1420	KFYN-TX	94.3	KSEY-TX				
	KKYN-TX	1320	KWHN-AR	1430	KBIL-TX		KYXX-TX				

Toronto Blue Jays 1997 Tom Cheek, Jerry Howarth (from pocket card via Mike Brooker and from "Media Guide" via Bob Galerstein)

550	CHNO-ON	750	CKGB-ON	1070	CHOK-ON	1280	CJSL-SK	1600	CHNR-ON		
560	CJKL-ON i	800	CJBQ-ON	1190	CFSL-SK	1290	CJBK-ON j				
570	CKGL-ON	900	CHML-ON	1210	CFMY-SK	1310	CIWW-ON	94.1	CKNR-ON j		
580	CKY-MB	910	CKLY-ON	1240	CJCS-ON	1330	CJYM-SK		CIMG-SK		
590	CJCL-ON *	920	CJCH-NS		CJNH-ON	1340	CKNR-ON i	100.9	CFBG-OK j		
600	CFCH-ON	930	CKNS-ON i		CJRW-PE	1410	CKSL-ON i	104.3	CJQM-ON		
710	CJRN-ON	960	CFAC-AB	1250	CHWO-ON	1450	CHUC-ON				
730	CJNR-ON i	980	CKRU-ON	1270	CJTN-ON	1570	CKMW-MB				

These Stations Broadcast Minor League Games.

550	WGR-NY	910	WRVH-VA	1120	KPNW-OR E	1300	WOOD-MI	1460	WRKB-NC		
	KCRS-TX		KKSN-WA	1140	WRNA-NC		____-PA		WBNS-OH		
590	KUGN-OR E	920	KARN-AR	1150	KCPS-IA H	1320	WISW-SC		WRAD-VA		
600	WREC-TN		WBBB-NC		KSVE-TX		KFAN-UT		KMWX-WA		
	KROD-TX C		WTTM-NJ	1160	WAMB-TN		KXRO-WA F	1470	KUTY-CA		
610	KRTA-OR		KHTL-NM s	1200	WAGE-VA	1330	KFH-KS	1490	KEZO-NB		
620	WJDS-MS		KBAD-NV	1220	CJOC-AB	1340	KTIK-ID		WBTA-NY		
	WDNC-NC k	930	WBCK-MI		CHSC-ON		WBRK-MA u		WPCI-SC		
	WHEN-NY q		WKY-OK	1230	KGEO-CA r		WKSJ-NY		WGEZ-WI		
	WVMT-VT	940	WMAZ-GA		WKBO-PA		WRAW-PA	1510	KSNE-CA		
640	WHLO-OH		KXTK-IA		KWSN-SD	1350	KCKC-CA v	1600	KCRG-IA		
680	CJOB-MB	960	WSBT-IN		WXCF-VA		KSRO-CA				
	KKYX-TX		____-PA		KWYZ-WA	1360	KSCG-IA	88.9	KRTM-CA		
710	KEEL-LA		KALE-WA	1240	KRDO-CO I		WNNJ-NJ	90.7	KSJS-CA		
	WDSM-MN	970	KCTR-MT		WJIM-MI	1370	WAXE-FL x	92.1	WMNC-NC		
770	WWCN-FL	980	WSUB-CT		KBLL-MT		KXTL-MT	95.3	WDNO-MD		
790	WZAN-ME		KUPI-ID		WBEJ-TN	1380	WHWD-IN	95.5	WRAC-PA		
	WKLW-RI		KKMS-MN		WROV-VA		WTOB-NC y	95.9	WKKD-IL		
	WTAR-VA		WILK-PA		WVSR-WV	1400	WLLH-MA	96.1	WMTR-OH		
	KJRB-WA	990	KTKT-AZ	1260	WNDE-IN t		WKEW-NC	97.7	KCLN-IA		
800	KSOS-UT	1050	KNML-NM		WBNR-NY	1410	WHAG-MD	98.5	WEEK-IL		
820	WXTR-MD		WSGC-WI	1270	KJUG-CA	1430	WNAV-MD	99.1	WFRD-OH		
850	CKMA-BC	1060	KUPD-AZ		WKBE-IL		WQLL-OK	101.9	WSGC-TN		
	KHHO-WA		KPAY-CA	1280	KVOX-MN		KYKN-OR	103.9	WXCF-VA		
870	WWL-LA	1070	WAPI-AB	1290	KMEN-CA	1450	WTKI-AB	104.5	WNSP-AL		
900	WFRD-OH	1080	WKJK-KY		WJBR-DE		KMSL-MT z	104.9	WOLA-TN		
910	____-PA		KVNI-WA		WNBK-NY		KPTT-NV				
	WJCW-TN	1110	KBND-OR	1300	WAVZ-CT		WQNT-SC				

* Flagship station
 a The Chicago White Sox will be on 97.9 WLUP-IL when there is a conflict with the NHL Chicago Black Hawks or the NBA Chicago Bulls. If there is a triple conflict (it will happen three times in

April), then the Blackhawks will be on 1000 WMVP-IL, the Bulls will be on 97.9 WLUP-IL, and the White Sox will be on 103.5 WRCX-IL.

c The listing of this station conflicts with the listing of 1430 KTNA-CA in a flagship list in a previous column. I do not know the names of the Spanish language broadcasters.

d This station appears on Bob Galerstein's Red Sox Food and Beverage list but not on Jon Ohman's "Red Sox Magazine" list.

e This station appears on the "Media Guide" list but not on the Ken Onyschuk list.

f This station appears on the Ken Onyschuk list but not on the "Media Guide" list.

g Northern Sports Network

h Home day games only

i This station appears on the pocket card, but not on the Toronto Blue Jays Media Guide.

j This station appears in the Toronto Blue Jays Media Guide, but not on the pocket card.

k This station broadcasts both the Baltimore Orioles and the Cincinnati Reds, and the Minor League Durham Bulls.

l This station broadcasts both the Boston Red Sox and the New York Mets.

m This station broadcasts both the Colorado Rockies and the Los Angeles Dodgers.

o This station broadcasts both the Baltimore Orioles and the Philadelphia Phillies.

p This station broadcasts both the Anaheim Angels and the Los Angeles Dodgers.

q This station broadcasts both the New York Yankees and the Minor League Syracuse Chiefs.

r This station broadcasts both the San Francisco Giants and the Minor League Bakersfield Blaze.

s Selected games only [Do not confuse with "S".]

t This station broadcasts both the Cincinnati Reds and the Minor League Indianapolis Indians.

u This station broadcasts both the New York Yankees and the Minor League Pittsfield Mets.

v This station broadcasts both the Anaheim Angels and the Minor League Rancho Cucamonga Quakes.

w Weekend games only

x This station broadcasts both the Los Angeles Dodgers and the Minor League Vero Beach Dodgers.

y This station broadcasts both the Cincinnati Reds and the Minor League Winston-Salem Warthogs.

z This station broadcasts both the Los Angeles Dodgers and the Minor League Great Falls Dodgers.

A AFRN is the Armed Forces Radio Network.

B This station broadcasts both the Colorado Rockies and the Houston Astros.

C This station broadcasts both the Texas Rangers and Minor League El Paso Diablos.

D This station broadcasts both the Texas Rangers and the Houston Astros.

E The original Minor League lists had 1120 KPNW-OR for the Eugene Emeralds; the web site has 590 KUGN-OR.

F This station broadcasts both the Seattle Mariners and the Minor League Grays Harbor Gulls.

G This station broadcasts both the Chicago White Sox and the Chicago Cubs. (There are 11 such stations!!)

H This station broadcasts the Chicago Cubs and the Minor League Burlington (IA) Bees.

I This station broadcasts the Chicago Cubs and the Minor League Colorado Springs Sky Sox.

S Spanish language broadcast [Do not confuse with "s".]

Here is Minor League Baseball information from "1997 Baseball America Directory" (via Tom Sanders), and from Gerry Bishop. Bob Pietsch sent me some late information via e-mail from www.minorleaguebaseball.com; some of his information differs from the previous information, and Bob has one minor league that the others did not have.

American Association (AAA)

- Buffalo Bisons - 550 WGR-NY; Jim Rosenhaus
- Indianapolis Indians - 1260 WNDE-IN; Howard Kellman, Brian Griffin
- Iowa Cubs (Des Moines) - 940 KXTK-IA; Deene Ehls
- Louisville Redbirds - 1080 WKJK-KY; Jim Keich, Dave Wilson
- Nashville Sounds - 1160 WAMB-TN; Steve Selby
- New Orleans Zephyrs - 870 WWL-LA; Ken Trahan, Ron Swoboda
- Oklahoma City 89ers - 930 WKY-OK; Jack Danrill
- Omaha Royals - 1490 KEZO-NB; Frank Adkisson, Kevin McNabb



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International League (AAA)

- Charlotte (NC) Knights - TBA; Bob Licht
- Columbus (OH) Clippers - 1460 WBNS-OH; Terry Smith, Brooks Melchoir
- Norfolk Tides - 790 WTAR-VA; Jack Ankersen, Rob Evans

Ottawa Lynx - station information unavailable
 Pawtucket Red Sox - 790 WKLV-RI; Dan Orsillo, Jack LeFaivre
 Richmond Braves - 910 WRVH-VA; Robert Fish
 Scranton/Wilkes Barre Red Barons - 980 WILK-PA; Kent Westling 910 -PA, 960 -PA, 1300 -PA(I do not know what the other stations are.)
 Syracuse Chiefs - 620 WHEN-NY; Ted Deluca, Steve Hyder
 Toledo Mud Hens - 96.1 WMTR-OH; John Keller
 Toledo Mud Hens - 900 WFRO-OH; John Keller
 Toledo Mud Hens - 99.1 WFRO-OH; John Keller

Pacific Coast League (AAA)

Albuquerque Dukes - 1050 KNML-NM; Mike Roberts, Russ Langer
 Albuquerque Dukes - 920 KHTL-NM (some games); Mike Roberts, Russ Langer
 Calgary Cannons - TBA
 Colorado Springs Sky Sox - 1240 KRDO-CO; Dick Chase, Dan Karcher
 Edmonton Trappers - TBA; Al Coates
 Las Vegas Stars - 920 KBAD-NV; Jon Sandler, Tim Neverett
 Phoenix Firebirds - 1060 KUPD-AZ; Kent Derdivanis, Nick Simonette, Jim Lefebvre
 Salt Lake Buzz - 1320 KFAN-UT; Steve Klauke
 Tacoma Rainiers - 850 KHHO-WA; Bob Robertson
 Tucson Toros - 990 KTKT-AZ; Matt Vasgersian, Dave Brady (EE)
 Vancouver Canadians - 850 CKMA-BC; Brook Ward

Eastern League (AA)

Akron Aeros - 640 WHLO-OH; Jim Clark, Scott Berggren
 Binghamton Mets - 1290 WNBK-NY; Dave Schultz
 Bowie (MD) Baysox - 1430 WNAV-MD; Dave Collins
 Harrisburg Senators - 1230 WKBO-PA; Brad Spareus
 New Britain Rock Cats - no radio broadcasts
 New Haven Ravens - 1300 WAVZ-CT; Matt Devlin
 Norwich Navigators - 980 WSUB-CT; Shawn Holliday, Matt Provence
 Portland Sea Dogs - 790 WZAN-ME; Andy Young
 Reading Phillies - 1340 WRAW-PA; Steve Degler
 Trenton Thunder - 920 WTTM-NJ; Andy Freed, Tom McCarthy

Southern League (AA)

Birmingham Barons - 1070 WAPI-AB; Curt Bloom
 Carolina (Zebulon, NC) Mud Cats - TBA; Pete Schopert
 Chattanooga Lookouts - 101.9 WSGC-TN; Larry Ward, Tom Agne
 Greenville (SC) Braves - 1490 WPCL-SC; Mark Hauser
 Huntsville Stars - 1450 WTKI-AB; Steve Kornya
 Jacksonville Suns - TBA; Chuck Valenches
 Knoxville Smokies - 104.9 WOLA-TN; Ed Beach
 Memphis Chicks - 600 WREC-TN; Tom Stocker
 Mobile Baybears - 104.5 WNXP-AL; Tom Nichols
 Orlando Rays - no radio broadcasts

Texas League (AA)

Arkansas (Little Rock) Travellers - 920 KARN-AR; Taylor Carr
 El Paso Diablos - 600 KR0D-TX; Matt Hicks, Dave Popin (EE)
 El Paso Diablos - 1150 KSVE-TX; Pancho Gonzalez, Raul Oscar Gomez (SS)
 Jackson (MS) Generals - 620 WJDS-MS; Bill Walberg
 Midland Angels - 550 KCRS-TX; Bob Hards
 San Antonio Missions - 680 KKYY-TX; Roy Acuff, Brian Anderson
 Shreveport Captains - 710 KEEL-LA; Dave Nitz
 Tulsa Drillers - 1430 WQLL-OK; Mark Neely
 Wichita Wranglers - 1330 KFHH-KS; Dennis Higgins

California League (A)

Bakersfield Blaze - 1230 KGEO-CA; Mark Roberts, Dale Parsons
 High Desert (Adelanto) Mavericks - TBA; John Doskow
 Lake Elsinore Storm - 88.9 KRTR-CA; Sean McCall



Lancaster Jethawks - 1470 KUTY-CA; TBA
 Modesto A's - no radio broadcasts
 Rancho Cucamonga Quakes - 1350 KCKC-CA; Mike Curlo (EE)
 Rancho Cucamonga Quakes - 1510 KSNE-CA; Paco Chavez (SS)
 San Bernardino Stampede - 1290 KMEN-CA; Michael Saeger
 San Jose Giants - 90.7 KSJS-CA; Chris Towson
 Stockton Ports - no radio broadcasts
 Visalia Oaks - 1270 KJUG-CA; Bob Flanagan, Jason Matlock

Carolina League (A)

Durham Bulls - 620 WDNC-NC; Steve Barnes
 Frederick Keys - 820 WXTR-MD; Matt Noble
 Kinston Indians - TBA; Josh Whetzel
 Lynchburg Hill Cats - TBA; John Miller
 Prince William (Woodbridge, VA) Cannons - 1200 WAGE-VA; Bob McElligot, Mike Antonellis
 Salem Avalanche - 1240 WROV-VA; Mark Aucutt
 Salem Avalanche - 1230 WXCF-VA; Mark Aucutt
 Salem Avalanche - 103.9 WXCF-VA; Mark Aucutt
 Wilmington (DE) Blue Rocks - 1290 WJBR-DE; Mark Nasser, Karl Schalk
 Winston-Salem Warthogs - 1380 WTOB-NC; Tim Grubbs

Florida State League (A)

Brevard County (Melbourne) Manites - no radio broadcasts
 (Port) Charlotte Rangers - no radio broadcasts
 Clearwater Phillies - no radio broadcasts
 Daytona Cubs - no radio broadcasts
 Dunedin Blue Jays - no radio broadcasts
 Fort Myers Miracle - 770 WWCN-FL; Rob Malec
 Kissimmee Cobras - no radio broadcasts
 Lakeland Tigers - no radio broadcasts
 St. Lucie Mets - no radio broadcasts
 St. Petersburg Devil Rays - no radio broadcasts
 Sarasota Red Sox - no radio broadcasts
 Tampa Yankees - no radio broadcasts
 Vero Beach Dodgers - 1370 WAXE-FL; Pete Michaud
 West Palm Beach Expos - no radio broadcasts



Midwest League (A)

Beloit Snappers - 1490 WGEZ-WI; Brett Dolan
 Burlington (IA) Bees - 1150 KCPS-IA; Doug Greenwald, Jim Nolan
 Cedar Rapids Kernels - 1600 KCRG-IA; John Rodgers
 Clinton Lumber Kings - 97.7 KCLN-IA; TBA
 Fort Wayne Wizards - 1380 WHWD-IN; Alan Garrett
 Kane County (Geneva, IL) Cougars - 95.9 WKKD-IL; TBA
 Lansing Lugnuts - 1240 WJIM-MI; Mike VanderWood
 Michigan (Battle Creek) Battle Cats - 930 WBCK-MI; Terry Newton, Ken Ervin
 Peoria Chiefs - 98.5 WEEK-IL; Dave Schultz
 Quad City River Bandits (Davenport, IA) - 1270 WKBE-IL; Mike Capps
 Rockford Cubbies - TBA; TBA
 South Bend Silver Hawks - 960 WSBT-IN; TBA
 West Michigan (Grand Rapids) Wild Cats - 1300 WOOD-MI; Rick Berkey, Rob Sanford
 Wisconsin (Appleton) Timber Rattlers - 1050 WSGC-WI; Tim McCord

South Atlantic League (A)

Asheville Tourists - no radio broadcasts
 Augusta (GA) Green Jackets - no radio broadcasts
 Cape Fear (Fayetteville, NC) Crocs - no radio broadcasts
 Capital City (Columbia, SC) Bombers - 1320 WISW-SC; Mark Bryant
 Charleston (SC) River Dogs - 1450 WQNT-SC; Rob Egan
 Charleston (WV) Alley Cats - 1240 WVSR-WV; Dan Loney
 Columbus (GA) Redstixx - TBA; Mark Littleton
 Delmarva (Salisbury, MD) Shorebirds - 95.3 WDNO-MD; Bob Socci

Greensboro Bats - 1400 WKEW-NC; Evan Malter
 Hagerstown Suns - 1410 WHAG-MD; David Shinsky, Matt Miller
 Hickory (NC) Crawdads - 92.1 WMNC-NC; Matt Swierad
 Macon Braves - 940 WMAZ-GA; Bobby Pope, Kevin Coulombe
 Piedmont (Kannapolis, NC) Boll Weevils - 1140 WRNA-NC; Woody Cain,
 Randy Whitley, Matt Park
 Piedmont (Kannapolis, NC) Boll Weevils - 1460 WRKB-NC; Woody Cain,
 Randy Whitley, Matt Park
 Savannah Sand Gnats - no radio broadcasts

Northern League (Independent)

Duluth-Superior Dukes - 710 WDSM-MN; Mark Fleischer
 Fargo-Moorhead Redhawks - 1280 KVOX-MN; Jack Michaels
 Madison Black Wolf - no radio broadcasts
 Saint Paul Saints - 980 KKMS-MN; Jim Lucas, Don Wardlow
 Sioux City Explorers - 1360 KSCG-IA; Jim Freyota, Brett Pollock
 Sioux Falls Canaries - 1230 KWSN-SD; Brian Burkett
 Thunder Bay Whiskey Jacks - no radio broadcasts
 Winnipeg Goldeyes - 680 CJOB-MB; Paul Edmond

New York - Penn League (short season A) [June 17 - September 2]

Auburn Doubledays - TBA; TBA
 Batavia Clippers - 1490 WBTA-NY; TBA
 Erie Sea Wolves - TBA; TBA
 Hudson Valley (Fishkill, NY) Renegades - 1260 WBNR-NY; Bill Rogan, Rick Schultz
 Jamestown Jammers - 1340 WKSJ-NY; Greg Meyer, Bernie Waiser (Tom has 1410 WKSJ-NY.)
 Lowell Spinners - 1400 WLLH-MA; Bob Ellis
 New Jersey (Augusta) Cardinals - 1360 WNNJ-NJ; Phil Pepe
 Oneonta Yankees - no radio broadcasts
 Pittsfield Mets - 1340 WBRK-MA; TBA
 St. Catharines Stompers - 1220 CHSC-ON; TBA
 Utica Blue Marlins - no radio broadcasts
 Vermont (Burlington) Expos - 620 WVMT-VT; George Commo
 Watertown Indians - no radio broadcasts
 Williamsport Cubs - 95.5 WRAC-PA; Matt Park

Northwest League (short season A) [June 17 - September 3]

Boise Hawks - 1340 KTIK-ID; Rob Simpson, Tommy Smith
 Eugene Emeralds - 1120 KPNW-OR; Dave Hahn
 Everett Aquasox - 1230 KQWZ-WA; Chris Hester
 Portland (OR) Rockies - 910 KKSJ-WA; Rich Burk
 Salem-Keyser Volcanoes - 1430 KYKN-OR; Pat Dillon, Pat Lafferty
 Southern Oregon (Medford) Timberjacks - 610 KRTA-OR; Dominic Capuano (Tom and Bob have
 610 KYJC-OR. [Is this a new call not in AM Switch?])
 Spokane Indians - 790 KJRB-WA; Craig West
 Spokane Indians - 1080 KVNI-WA; Craig Weir
 Yakima Bears - 1460 KMWX-WA; Larry Weir

Appalachian League (short season A) [June 18 - August 27]

Bluefield (VA) Orioles - TBA; TBA
 Bristol (VA) Sox - no radio broadcasts
 Burlington (NC) Indians - 920 WBBB-NC; Kale Beers
 Danville (TN) Braves - no radio broadcasts
 Elizabethton (TN) Twins - 1240 WBEJ-TN; Frank Santore, Doug Jennett
 Johnson City Cardinals - 910 WJCW-TN; Paul Overby
 Kingsport Mets - no radio broadcasts
 Martinsville (VA) Phillies - no radio broadcasts
 Princeton (WV) Devil Rays - TBA; TBA
 Pulaski (VA) Rangers - 1460 WRAD-VA; Dan Callahan

KDgo Radio **12**

Pioneer League (short season A) [June 16 - September 2]
 Billings Mustangs - 970 KCTR-MT; Chris Degnan (Tom has 970 KCTR-MT.)
 Butte Copper Kings - 1370 KXTL-MT; Deric Voelker
 Great Falls Dodgers - 1450 KMSL-MT; Gene Black
 Helena Brewers - 1240 KBLL-MT; John Emmett
 Idaho Falls Braves - 980 KUPI-ID; Jim Garshow, John Balginy, Geoff Flynn
 Lethbridge Mounties - 1220 CJOC-AB; Shawn McCart
 Medicine Hat Blue Jays - no radio broadcasts
 Ogden Raptors - 800 KSOS-UT; TBA

Western League (an independent baseball minor league) [from Bob Pietsch]

Bend Bandits - 1110 KBND-OR; TBA
 Chico Heat - 1060 KPAY-CA; TBA
 Grays Harbor Gulls - 1320 KXRO-WA; TBA
 Mission Viejo Vigilantes - TBA; TBA
 Reno Chukars - 1450 KPTT-NV; TBA
 Salinas Peppers - TBA; TBA
 Sonoma County Crushers - 1350 KSRO-CA; TBA
 Tri-City Posse - 960 KALE-WA; TBA

AREA CODES - PART IV

by Christopher Cuomo <<danc@nb.net>>

In what is now a recurring story, here's the latest batch of new area codes being introduced. I will be keeping the NRC membership informed each time I get another batch. There will be many more changes in the next few years. In the event of any confusion, consult your long distance operator.

CALIFORNIA

213 / 323 Split Date TBA Downtown Los Angeles will retain 213, the remainder of the 213 NPA will switch to area code 323. The 323 NPA will completely surround the small 213 NPA.

408 / 831 Split Date TBA Santa Clara County and very small portions of neighboring counties will retain 408. The remaining area will switch to a.c. 831. The 831 NPA will include Salinas, Monterey, Santa Cruz, and Hollister.

FLORIDA 904 / 850 Split date TBA The Florida Panhandle including the Pensacola, Tallahassee, and Panama City areas, will be switching to a.c. 850.

KANSAS 913 / 785 Split occurs July 24, 1997 The Kansas City/Leavenworth area retains 913. The remaining western area including Topeka, Lawrence, Salina, Manhattan, Hays, and Colby will switch to a.c. 785.

MISSISSIPPI 601 / 228 Split occurs September 15, 1997 The Jackson area will retain 601. Exact boundaries are not certain at this time.

MISSOURI 816 / 660 Split date TBA The Kansas City and St. Joseph areas will retain 816, all other areas will switch to a.c. 660. PENNSYLVANIA 412 / 724 Split date TBA An area code overlay was previously announced for this NPA. That plan was halted and a split will likely occur sometime this summer. The Pittsburgh area should retain 412.

SOUTH CAROLINA 803 / 843 Split occurs March 22, 1998 The Atlantic Coastal and Pee Dee regions will switch to a.c. 843. The 843 NPA includes Charleston, Hilton Head Island, Myrtle Beach, and Florence.

TENNESSEE 615 / 931 Split occurs September 15, 1997 Davidson, Williamson, Wilson, Rutherford, Sumner, Robertson, Cheatham, Dickson, Dekalb, and Cannon Counties will retain 615. All other areas including Cookeville, Clarksville, and Pulaski will switch to a.c. 931.

TEXAS 713 / 281 Split occurred November 2, 1996 The area retaining 713 is roughly defined by the Sam Houston Parkway Loop (Route 8).

UTAH 801 / 435 Split occurs September 21, 1997 Salt Lake, Weber, Utah, Morgan, and Davis Counties will retain 801. This includes Salt Lake City, Ogden, and Provo. The remaining counties will switch to a.c. 435.

QUEBEC 514 / 450 Split Date TBA Island of Montreal, Nun's Island, Ile Perrot, Ile Bizard, St. Helen's Island, and Notre Dame Island will retain 514. All other areas will switch to a.c. 450.

614 / 740 Split occurs November 8, 1997 - Columbus and Franklin, Delaware, Marion, Union, and Madison Counties will retain the 614 area code. The remainder of the NPA will switch to 740.

International DX Paul Swearingen plsBCBDXER@AOL.com

Achievements 2840 SE Illinois Avenue Topeka, KS 66605-1427

International DX verie/taped totals listed by continents

Year Started	DX'er	Location	Last Update	As	Ctries	Veried	Foreign	NA	SA	Eur	Oc	Af
1952	McIntosh, Eric	NZ	1965	81	63	686	635	301	2	45	253	4
1963	Scrimgeour, Gray	CA/ON	1971	26	47	526	440	354	10	18	31	1
?	Dellit, Sam	Australia	1978	23	37	362	218	109	0	5	80	1
1958	Dangerfield, Ben	PA	1996	10	126	426	331	85	44	151	8	33
1946	Moore, Ray	MA	1993	7	104	245	245	95	52	59	8	24
?	Callarman, John	?	1970	6	50	740	138	72	20	17	20	3
1938	Anderson, Roger A.	VA/NY/PA	1993	5	105	1448	514	227	78	128	48	28
1958	Meriman, Alan	VA	1994	4	93	1615	368	212	47	88	3	14
1946	Holbrook, Hank	MD	1993	3	103	2876	640	303	103	156	49	26
1940	Morss, Stan	MA	1993	3	84	3922	424	218	65	221	1	14
1933	Geary, Kermit	PA	1993	2	107	6190	988	512	243	147	61	23
1964	Heinen, Wayne	NY/CO	1996	2	38	1470	38	26	3	5	2	0
1960	Rugg, Andy	QC	1996	1	71	1705	208	87	48	66	0	6
?	Sampson, John	NJ	1965	1	54	445	72	23	6	38	1	3
1962	Musco, Ron	CT	1997	1	44	1251	54	40	5	8	0	2
1962	Edmunds, R. J. (taped)	NJ	1993	1	43	897	56	845	37	14	0	0
1931	Steele, Sid	IL	1996	1	36	3096	299	104	12	2	8	0
1958	Wesolowski, Ernie	NE	1995	1	24	2001	69	53	7	0	7	1
1931	Holland, George B., Jr.	NY	1996	1	22	885	58	46	5	5	2	0
1933	Cooper, Ernest	NY-MA	1980	0	79	4142	760	528	131	88	7	6
1950	Krejny, Edward	OH	1996	0	76	2733	441	208	126	91	6	10
1954	Starr, Jerry	OH	1974	0	51	1209	194	134	34	20	3	3
?	Falconer, Jeff	ON	1976	0	49	0	1175	0	44	0	0	0
1976	Renfrew, Jim	NY	1993	0	35	331	51	44	7	0	0	0
1955	Palmer, Richard D.	IL	1993	0	33	822	94	77	4	10	2	1
1965	Long, John	CT	1968	0	29	101	0	0	0	0	0	0
1964	Reynolds, Bruce	MO	1977	0	28	1103	121	111	6	2	2	0
1958	Phillips, Dan	TN/AL	1974	0	26	567	40	21	9	5	3	1
1931	Wheeler, Frank	PA	1993	0	25	1885	78	68	7	1	2	0
?	Fela, Joseph	NJ	1965	0	24	738	35	19	4	11	0	1
1969	Karchevski, Bob	MA/CA	1975	0	24	204	141	112	0	0	6	0
1947	Luton, Relfe	NC	1973	0	23	1049	142	102	4	3	33	0
1966	Bruner, Jesse R.	KY	1966	0	23	132	27	17	3	5	2	0
1975	Swearingen, Paul (taped)	KS	1997	0	22	746	95	43	16	0	0	0
1976	Froenming, Gary	AZ	1994	0	17	338	92	85	7	0	1	0
1941	Kruse, Len	IA	1971	0	15	4080	77	61	3	0	13	0
1964	Whatmough, Dave	ON	1994	0	13	1014	15	6	1	2	6	0
1964	Sorensen, Morris	ON/MB	1975	0	13	537	385	375	1	9	0	0
1965	Kadet, Jeff	MD	1969	0	12	703	41	39	0	0	2	0
1977	Wolfish, Niel	ON	1977	0	11	397	20	14	4	2	0	0
1968	Bytheway, Phil	WA	1982	0	9	457	20	0	0	0	0	0
1960	Lynch, Don	MA	1980	0	9	0	157	0	0	0	0	0
1962	Edmunds, R. J. (paper)	NJ	1994	0	7	266	13	10	3	0	0	0
?	Erickson, Don	CA	1982	0	6	442	9	8	0	0	1	0
1973	Mount, Paul	NJ	1995	0	6	230	25	22	2	0	0	0
1975	Bartek, Daniel, Jr.	NE	1976	0	2	23	0	0	0	0	0	0

No updates this round! Now's the time to review your totals and, if you haven't done so in the last couple of years, send me an update, even if it's only a guesstimate. Remember, only taped or paper veries are counted, and mainland U. S. and Canadians are not included in NA totals. Include your best catch from each continent and all other totals when reporting. Our next column will feature African totals.

Musings of the Members

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Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Note: We recently received a "Musing" from a person who is not a subscriber to *DX News*, and it's interesting to note that it contained mostly non-DX material which would have been edited even if the person been an NRC member. In case it has escaped anyone else, you must be a subscriber to *DX News* to have your contributions printed in these pages. And for those who sometimes renew late, you must be a member at the time DXN is prepared for your material to be considered. Membership in the NRC has its privileges, and this is one of them. -pls.

Ben Dangerfield, 202 Governor's Dr., Wallingford, Pa 19086 <<Ben-Dangerfield@msn.com>>

I just encountered another surprise. The Delaware Department of Transportation has opened a TIS on 1390 that gives traffic info and weather. I presume it has already been heard by you, Dave, and other area members, but I don't recall having heard it before today [Wed. May 14]. Puts out a good signal up this way but can be phased to WLAN with no effort. Now why would Delaware put a TIS right next door to WAMS-1380? WAMS continues to play non-stop classical music at a reduced power [compared to WILM] but I guess regular service is in the works. I also note that some other stations remain silent including WTKZ-1320 and WIFI-1460. Incidentally, with these two off, I am hearing WICO-1320 and WCEI-1460 during the daytime hours. One of my daytime sports these days is trying to see how many frequencies I can phase the dominant station to the one behind it. Just this week I was able to phase local WIP to WSNB-610 which remained just barely below. Also in passing I note that WDMV-540 [ID as "WDMV Pocomoke City is WBEEY"] seems stronger than it was. Phasing between WDMV and WLUX is simple, and either can be brought up to good strength. I use a combination of 3 wires fed into my DL2 unit. And the R8A, of course. My favorite phasing territory, though, is the upper end of the band, especially the graveyards. TA reception has deteriorated for the most part as expected by mid-May. My last decent encounter was mid-April when I had Iran-1566 on a tentative basis on a night when VOA-Kuwait-1548 was really booming in. I will keep trying throughout the summer.

Guy Kudlemyer, Springfield, OR. <<Gwkuddles@aol.com>>

While this is not necessarily DX-related, it is certainly radio-related, so I thought I'd pass it on to the membership. I ran across a gentleman a while back who makes reproduction porcelain-enamel signs from the 1930's, '40s, and '50s. Most of his designs are automobile and oil company-related, but he also produces signs from the early days of radio. Some of his radio-related signs include: KFI/KECA/Earl F. Anthony, Inc. (in red, white, and blue); Columbia Broadcasting System (features an old-time microphone and is done in blues, yellows, black, and white); Mutual Broadcasting System (another old-time microphone, and is done in yellow, black, grey, and white); and National Broadcasting company (a third representation of an old-time microphone, and is done in red, black, white, and navy). All signs are round, and are approximately 24" in diameter, and are produced on heavy metal stock. They are perfect for decorating the den or garage. I have not purchased one of his radio-related signs, but I am heavily into petroliana, and have purchased several of his oil company signs, so I can personally vouch for his work being of the highest quality. They sell for around \$40.00 each (plus p+h). If you would like to see some representative photographs of his work, send a #10 SASE to: Steve Jelf, Suite 3, Box 200, Route 5, Arkansas City, KS 67005. Or call (316) 442-1626 (after 2 pm Central). One word of caution: These are large, heavy, metal signs, so don't buy up a bunch of them to hang on the walls of your shack; you'll skew the reception pattern of your KIWA!

Paul Mount - Box 142 - Morganville NJ 07751

Long time no Muse. I plan to catch you up on things relating to NJ towers over the next couple months, as I've been back to Washington DC to do more research at the FCC. First wanted to mention a big unID mystery. Both in July and in January, from Tucker GA, I've heard "CHFI" playing music and giving Ontario traffic, in the daytime (even just after noon), on 1280! There is a CHFI but it is a Toronto FM. Nearby Hamilton had a 1280 years ago but that has moved to 820. CHFI did tell me they are on satellite so the only explanation I can come up with is that someone near my friend's house has a satellite dish and a pirate on 1280...unless one of the GA members can tell me something different.

This muse will talk about 620 and 1190 - New York area stations whose towers are now very

close neighbors. 620 Newark, now WXLX, had towers, 5 in a row with the middle one taller, at a site off Route 10 in Livingston since 1948. In 1992 the station was granted a CP to change City of License to Rutherford, with towers located just East of the Western spur of the NJ turnpike, also bordered by Conrail, Berry's Creek, and the Hackensack River. It was to be 4 towers in a trapezoid, 1kw day, 4.2 kw night, coordinates N40 47 22 W74 05 10 at the far east end of Rutherford (accessible only by turnpike service road).

But WTMJ pointed out some nighttime interference, and WXLX realized that given the amount of, and quality of land that site is on (more swampy than most of the meadowlands) that they could not correct their pattern to satisfy WTMJ's objection, from that site. (To give Rutherford required coverage, it would mean beaming some of the signal back to the NW towards downtown... and eventually, towards Milwaukie).

In June 1995, the engineering firm Carl T. Jones Corp, filed for a 'major modification of CP' on behalf of WXLX, involving a new site off ValleyBrook Road in Lyndhurst; this application also requested a change in the City of License to Jersey City, day power to 3kw, night power to 8kw (later changed to 7.6 kw), as now allowed on regional channels. The report cited that their lease would expire in Livingston in March 96 and that they had to move SOMEWHERE. The coordinates of the new site are N40 47 53 W74 06 24. Somewhere between June and September 1996 these towers went up, just south east of the new WINS site (more about that some other time) and just WSW of the WLIB site. To an observer the site looks like 5 towers equally spaced, in a completely straight line, oriented 128 degrees towards northern Jersey City. Technically the towers vary in spacing between 88.2 and 91.7 electrical degrees and the angle from (easternmost) Tower 1 varies between 307.7 and 308.7 degrees to each of the other towers.

The engineering report further describes how WLIB, WINS, WOR and WEVD-1050, each being within 3 km of the site, will be protected as follows "the proposed WXLX towers will be detuned at each of the 4 stations frequencies, in addition filters will be installed at the 4 stations to eliminate interference from the proposed WXLX signal." Both the day and night patterns put a big lobe at 128-130 degrees towards Jersey City, Hoboken, lower Manhattan, Brooklyn and southern Queens with nulls mainly for WIP, WHEN, and WZON.

Testing in the daytime and after midnight began in January 1997, and on Thursday, March 20, the Meadowlands site was activated. I'd heard rumors that the Livingston towers may be coming down the following week and got confirmation from WXLX engineer Robert Massey, the next Monday. I was very intrigued with the idea of seeing it happen, having seen some of Jerry Starr's photos of towers being made to fall in the Youngstown area, but but having been up all night that Monday, I didn't feel it would be safe to drive to Essex county on zero sleep. Unfortunately Mr. Massey called around 3pm to tell me that all five towers had come down that day, ahead of schedule. Apparently their method was to cut one guy and let it fall. I visited the site the next day and was told the West Essex Tribune, a Livingston weekly, had a photographer there for the event. I shot several minutes of video of the old WVNJ studio, transmitter and towers, and returned a week later to buy several copies of the paper. One of the photos shows a tower in the shape of a "greater than sign" as it was falling. I plan to bring a copy of this paper to the convention (auction item perhaps?).

I have a lot more information than fits here; perhaps I'll do a web page and /or bring information with me to the convention.

As for WLIB, I'm sure you have heard of the plan involving Inner City Broadcasting Company, Pathfinder, Jacor, etc to put WLIB on at night at the expense of WOWO's coverage. WLIB filed this study that you can interpret as either 'a wonderful thing' or something much less positive, showing the effects of WOWO's reduced coverage. First they show how everyone in WOWO's day and night coverage will still be served by other stations. Then they show how, with WOWO's reduced coverage at night, six other stations will have a larger 'nighttime interference-free service contour' and how the amount of people benefitting from this change is a greater number than the people WOWO loses by pulling in to the East. The six supposed beneficiaries are WHAM-1180, WOEQ-1190 Royal Palm Beach FL (calls have changed), KFEZ-1190, WCHB-1200 and WBZY-1200 (i.e., 3470 more people North of New Castle PA would be able to hear WBZY without QRM from WOWO).

As for the towers: it's another Carl T. Jones, consulting engineer job: WLIB will be adding 2 new towers, to be located to the SE of its existing 3-in-a-row towers, and fifteen feet shorter than the existing three; they will use towers 1 (westernmost), 2, 4, and 5 for their nighttime pattern, forming a trapezoid of extreme obtuse and acute angles. Whether or not they will blanket the East Coast as WOWO used to, will remain to be seen (or heard). Their proposed 30 kw night pattern shows a big lobe into NYC at 110 degrees; a secondary lobe to the NNE heads towards Eastern Bergen County and tertiary lobes SSW towards Newark and Staten Island, WSW towards Orange and WNW towards Montclair are seen off the back. Although the nighttime study only assured

protection to WHAM (WLIB's 0.25 mv/m 10 percent skywave to not interfere with WHAM's 0.5 mv/m groundwave contour) and XEWK-1190 Cuadajalara, JA, Mexico (WLIB's 0.025 mv/m 10% interfering contour will not overlap the protected 0.5 mv/m 50% skywave contour of XEWK), they have some other nulls: at 50, 180, 215, 270 and 325 degrees.

The study indicates they will cover 92% of the city of license. Towers 1,2,3 line up at 100 degrees North, tower 4 is at 109.8 degrees bearing and tower 5 is 111 degrees North referenced to tower 1. WLIB (and WOWO) have each had their construction complete date extended to November 2, 1997.

Geomagnetic Summary

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High "A" values indicate possible auroral conditions

Geomagnetic Summary April 1 1997 through May 9 1997

GEO - Geomagnetic activity pca - polar cap absorption
maf - major flare SA - Solar Activity
mas - major storm spe - satellite proton event
mis - minor storm ss - severe storm

Date	FLUX	A	K	SA	GEO	OTHER
4/ 1	76	7	2	moderate	quiet-unsettled	-
2	81	6	4	very low	quiet-active	-
3	79	4	3	low	quiet-active	-
4	79	13	4	very low	quiet-active	-
5	80	7	1	very low	quiet-active	-
6	78	10	2	very low	quiet-active	-
7	77	7	1	low	quiet-unsettled	-
8	76	3	2	very low	quiet	-
9	78	4	2	low	quiet	-
10	78	8	7	very low	quiet-sev	sev 2400
11	77	46	4	very low	quiet-sev	-
12	76	12	0	very low	quiet-active	-
13	79	6	3	very low	quiet-unsettled	-
14	77	5	2	low	quiet-unsettled	-
15	79	2	0	low	quiet	-
16	81	8	5	very low	quiet-mis	-
17	72	23	4	very low	quiet-mis	-
18	70	15	3	very low	quiet-active	-
19	70	10	2	very low	quiet-unsettled	-
20	70	3	1	very low	quiet	-
21	70	13	4	very low	quiet-active	-
22	71	10	1	very low	quiet-active	-
23	69	7	4	very low	quiet-active	-
24	70	12	3	very low	quiet-active	-
25	69	6	0	very low	quiet-unsettled	-
26	71	2	1	very low	quiet	-
27	73	2	1	very low	quiet	-
28	72	2	0	very low	quiet	-
29	72	2	2	very low	quiet	-
4/30	73	3	3	very low	quiet-active	-
5/ 1	72	18	3	very low	quiet-mis	-
2	72	14	2	very low	quiet-unsettled	-
3	71	7	2	very low	quiet	-
4	71	5	3	very low	quiet-unsettled	-
5	72	5	1	very low	quiet	-
6	72	4	1	very low	quiet	-
7	72	3	2	very low	quiet	-
8	72	4	1	very low	quiet	-
9	72	4	1	very low	quiet	-