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Volume 66, No. 26 - May 17, 1999 (ISSN 0737-1659)

Inside ...

2 AM Switch

4 DDXD

From the Publisher ... There's plenty of DX and related information in this issue, so a thank-you goes out to those who contributed and to the editors who typed up your submissions. Much better than in #25!

Robert Pote forwarded information about the Indiana Historical Radio Society/Antique Wireless Association 28th Annual Regional Spring Fling Radio Festival June 3-5, which includes a flea martration is \$10, and vendor spaces are extra. Call Bob O'Friel, 317-849-4028, or Alex Whitaker, 317-535-4174, after 6 pm for more info. And Michael Condon sends word that he will be hosting a TV and Radio DX Together at North Star Valley 40 miles north of Madison, WI on June 19, 1999. "The house will be open from 9:00 AM and food and refreshments will be served till we break for dinfor a tour of the local radio station for those interupon request. Bring your portable TV's and radios, etc.; I will have antennas. Bring DX photos and scrap books; I will scan them to the hard drive or disk for you to take home." Contact him at <<mi>chael condon@juno com>> for more informa-

Also in the near future is ODXA's Radio Fest 99 September 24-26 in Oakville, Ontario, which includes the usual fun and interesting activities plus tables of used equipment for sale. For further information on Radio Fest: World Wide Web: http://www.durhamradio.com/odxa/ E-mail: odxa@compuserve.com Mail: Ontario DX Association, P.O. Box 161, Station A, Willowdale,

Are you expiring?

We hope not! To avoid expiration, mail your remittance to the DX News Membership Center early. Allow at least three weeks after mailing your check or money order for new renewal data to appear on your mailing label.

15 IDXD

26 Pro Sports Nets

36 GYDXA-1450

Ontario M2N 5S8, Canada.

With various radio-related gatherings this summer, perhaps in YOUR city, it would be the perfect opportunity for you to support the NRC (not to mention helping me to clean out my attic!) by re-A couple of gatherings coming up next month: questing sample copies of DXN to distribute at your event. Please let me know 3-4 weeks in advance so that I can send copies out by the inexpensive Printed Matter Rate, however.

Several NRC'ers have really taken to heart my ket seminars, contests, and two auctions. Regis- call a couple of years ago for information pertaining to mailing times of DXN, and I recently received a list of mailing times from Robin Christoff, Welland, Ontario, some 25 miles NW of Buffalo, NY. Perhaps other members in Canada can use this information as a bellwether or at least a comparison to their own delivery times. Robin reported an average 5-6 day delivery period, with the usual slowdown starting in early December ner at the Crest Wood Inn near by. I will arrange and lasting through late January (9-13 days). Oddly, the Nov. 2 issue took 18 days to arrive, but ested in seeing that. I can also arrange lodging the Nov. 16 issue only four. Thanks to Robin and others who have continued to keep track of delivery trends.

> Ken Chatterton reports that the 19th edition of the NRC AM Log is completely sold out, with the 20th edition due out on October 1.

DXN Publishing Schedule, Volume 66

Iss. Deadline Pub. Date Iss. Deadline Pub. Date 29. 27. Tune 4 June 14 Aug. 6 Aug. 16 July 19 **3**0. 28. July 9 Sept. 10 Sept. 20

DX Time Machine

From the pages of DX News:

50 years ago ... from the May 21, 1949 DXN: Steve Walbridge, Sarnia, Ont., reported that "My DX appetite was considerably sharpened at Easter by the arrival of a Hallicrafters SX-25 receiver"; and Ray Edge, Buffalo, NY, reported receiving a verie from XEFW, Tampico, Mexico.

25 years ago ... from the May 13, 1974 DXN: Ray Arruda's first Musing after joining the NRC revealed: "I'm 25, single, and work for New England Telephone as a telephone repairman. DX'ing is done exclusively on the BCB w/an SX-122 and SM-1 w/a General Electric P-990 as a backup rx."

10 years ago ... from the Monday, May 29, 1989 DXN: Bob Harrison's Call History of New York City highlighted this issue of DXN.

AM Switch

Jerry Starr w8iv@yahoo.com c/o WHOT Radio

4040 Simon Road

Youngstown, OH 44512-1320

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

CALL LETTER CHANGES

	Old call		New call
5 5 0	KOY	AZ Phoenix	KGME
730	WBUB	SC Charleston	WGSE
740	WMXG	SC Barnwell	WBUB
920	KGHO	WA Olympia	KAYO
930	KBFW	WA Bellingham	KIXT
1000	WJBW	FL Jupiter	WBDE
1100	WYKR	VT Wells River	WTWN
1190	KORG	CA Anaheim	KEZY
1260	WWDC	DC Washington	WGAY
1280	KRRF	CO Denver	KXKL*
1300	WPDJ	IN Huntington	WBZQ*
1380	WYNK	LA Baton Rouge	WFMF
1380	KBOP	TX Pleasanton	KFNI
1490	KBVI	CO Boulder	KWAB
1490	KJET	WA Hoquaim	KGHO
1550	WMSK	KY Morganfield	WYGS
1570	WBUX	PA Doyelstown	WISP
1680	*New	FL Winter Garden	WTIR
*N.T.~.!	ALDER /	WD70 1200 L	1



*Notes: WPDJ/WBZQ-1300 change shown last issue with the calls reversed; change shown above is correct. KRRF-1280 had first; requested KEXX, but before that change was granted they requested KXKL.

APPLICATIONS/GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

560	CJKL	ON Kirkland Lake: to 101.5 FM
900	CJBR	PQ Rimouski: to 89.1 FM
1240	CJRW	PE Summerside: to 102.1 FM
1410	CKSL	ON London: to 102.3 FM
1510	CKOT	ON Tillsonburg: to 102.3 FM
1660	WWRU	NL Elizabeth: 10000 / 9000 L12

NJ Elizabeth: 10000/9000 U2, city of license to Jersey City, NJ (this represents the first challenge to the FCC's edict that all expanded band stations can be no more than 10000/1000 with a U1 antenna; this would be have four towers at night)

GRANTS TO EXISTING FACILITIES

WVNS VA Claremont: 20000/200 U4 (two-site operation)

OTHERNESS

OTHER	TAESS	
630	KKPL	WA Opportunity: CP to relocate transmitter is on
730	KTRY	LA Bastrop: FCC claims license expired as a matter of law after one year of being silent and no longer shows this license in their database. HOWEVER, this station IS operating and claims to know nothing about the expiration. Interesting.
780	WZZX	AL Lineville: silent station is ON THE AIR
810	WEDO	PA McKeesport: silent station is ON THE AIR (we believe it was silent for a very short time)
870	WQBS	PR San Juan: CP for 9600/5000 U4 is on
890	WBAJ	SC Blythewood: shown under Grants last issue as BlytheVILLE, tis Blythewood (we are told that construction on this long-unbuilt CP is finally underway)

900	KALT	TX Atlanta: station is SILENT
910	WRKL	NY New City: silent station is ON THE AIR
920	KAYO	WA Olympia: CP for 3000/500 U2 is on
930	WLVF	FL Haines City: silent station is ON THE AIR
990	WERK	IN Muncie: station is SILENT
1010	WINS	NY New York: CP to change antenna to U3 is on
1040	CJMS	PQ St-Constant: new station is ON THE AIR
1150	KCKY	AZ Collidge: station is SILENT
1210	WQLS	AL Ozark: silent station is ON THE AIR
1230	WMAF	FL Madison: station is SILENT
1250	KBTC	MO Houston: station is SILENT (lost tower)
1260	KTUE	TX Tulia: show in Otherness last issue as being in OK, it is in TX
1330	WESR	VA Olney: although licensed to operate fulltime this station signs off at 6:00 PM
		daily
1350	KTIK	ID Nampa: CP to move here with 5000/600 U2 (from 1340 kHz) is on
1400	KKTL	WY Casper: new station is ON THE AIR (began 5/10)
1450	WDLK	AL Dadeville: station is SILENT
1480	WHBC	OH Canton: CP for 15000/5000 U4 is on
1490	KVLL	TX Woodville: station is SILENT
1510	KJQI	CA San Rafael: CP for 8000 D3 is on
1550	WVAB	VA Virginia Beach: station is SILENT (again)
1550	KSVY	WA Spokane: license CANCELLED, call DELETED (had been silent since 1996)
1630	KNAX	CA Clovis: despite numerous reports of testing activity here, the station claims it
		will not be operational until early in the year 2000.
	A BITTEE C	TI DIV : ALLY : DULY I OL A LID : TI T

THANKS: Gary Jackson, Ed Krejny, Al Merriman, Bill Hale, Shawn Axelrod, Pete Taylor, Larry Ding & BKF Godwin, Les Johnson and MSJ

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

Expiring? Time to renew? Not sure when? Check the back page - the label will tell you!

NRC Nighttime Antenna Pattern Book, 4th Edition Get it now; it's the second half of the NRC's "Dynamic Duo"! Teamed with the NRC AM Log, the NPB provides DX ers with up-to-date maps of all (except Class IV) stations with nighttime operations. Convenient to use: 3-hole punched for standard binders. Only \$16.95 to U.S. and Canadian members: \$22.95 to U.S. and Canadian non-NRC members. Airmail to members: to Latin America, \$21.00; Europe, \$24.00; rest of the world: \$28.00. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax)



West: Bill Hale phantom2@eaze.net

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

East: David Yocis DavidYocis@aol.com

532 LaGuardia PL, #462 - New York, NY 10012-1428

DX Catches in the U. S. and Canada, with 24-br. EL1

(Division line is between East and Central time zones)

DDXD-West

MEDIUM WAVE RAMBLINGS

- "Now on the web, the Nebraska Radio Register, cataloging every ΛΜ & FM radio station licensed in the state from 1922 to present. In addition is a list of on air personnel at each station. The page can use your help and input if you know some old Nebraska names, frequency change/call sign change dates, etc. A lot of information has been gathered, plenty more to go. Visit it at: http:// members.tripod.com/~nebradio/home.html".
- Thanks to old Eagle Eyes G. Harley DeLeurere of Hendricks, West Virginia who spotted a spelling error in the County Cross Reference Book, you can change "Barber" County in the Mountain State to "Barbour". Seems the county was named for Virginia jurist Philip Pendleton Barbour. See, not only do we learn about DX here, we also delve into spelling and history. Class dismissed.

Gary Jackson sends this TIS news: "Called Roger Douglas, head of Caltrans for Southern Califor-

nia about the 1700 TIS/HAR still testing after many months??? International Airport was informed had applied for license. Station still on to keep frequency. Before, when they tested for short time, by the time license came, someone else was using frequency." And Gary also inquires: "Does anyone know where 1610 WQSA506 operated by CalTrans is located? Have it on tape, but they don't have it on computer." Andy iterates: "It's sometime hard to believe that these stations [X-Banders] are only on 1 kW at night. I've had a hard time hearing 50 kW stations from some of these areas in the past. Must be the fact that the expanded band is still un-cluttered?" John Wilkins comments: "'It can't happen here'... I'll never use that phrase again, because it DID



- happen here in Jefferson County. Columbine High School is about 8 miles south of my QTH. I didn't know any of the victims or their families, but I do know some CHS graduates who, of course, were affected even more by the tragedy. Didn't note any unusual radio activity, since all of our locals are 24-hours anyway. Many stations did, of course, suspend usual programming to cover the events."
- o Here's a challenge . . . beginning next issue, let's hear from at least one new member or someone who hasn't reported in a 1-o-o-ong time. Maybe you??? See you in a month. Next deadline is: June 2.

REPORTERS

- FA-ID Frank Aden Boise FRG-7 with 4' box loop <n7sok@aol.com>
- RD-AZ Ragnar Danneskjold Mesa Realistic DX 440 barefoot, R-1000 with modified zepp, or Optimus 12-604A <lwdxer@juno.com>
- TRH-CA Tim Hall Chula Vista ICF-2010, KIWA Loop kiwa-loop hall-square inetworld.net>
- GJ-CA Gary Jackson Sacramento FRG-8800 + Kiwa Loop
- AK-WA Andy Kahn Camas SuperRadio III/Selectenna <andyw@kpdq.com>
- JTR-OK John Reed Ponca City Sylvania R1414/URR & Harris RF-550 + noise reduced wire, homebrew ferrite loop, MFJ-1025 phaser <jtreed@poncacity.net>
- JJR-WI John J. Rieger South Milwaukee FRG100, Kiwa loop, MFJ595B Tuner-Preamp, DSP-599zx Audio Noise Reduction Filter <johnjrieger@webtv.net>
- RT-CA Rich Toebe Concord Sony ICF-2010 <richtoebe@jps.net>
- JW-CO John Wilkins Wheat Ridge Drake R-8, 4-foot box loop peakbagger3@juno.com>
- Ed.-TX Editor North Richland Hills

STATION NEWS & NOTES

- 990 KATD CA Pittsburg - Has changed format; now New Talk 9-90, mostly sports talk, including the Sports Babe. (RT-CA) KTIK 1340
- ID Nampa Has been running promos that they will soon move to 1350. Idaho

Statesman Radio Log also shows them on 1350, but as of 5/5 they are still on 1340. (FA-ID)

- KCKK CO Lakewood Using this call now, ex-KYGO. Still relays KCKK-FM 104.3, 1600 Classic Country. Legal ID as KCKK-FM Longmont and KCKK Lakewood is Denver's Classic Country K-104.3, a division of Jefferson-Pilot Communications. (JW-CO)
- **KSMH** CA Auburn - Worked on their transmitter 4/24 and am now receiving them at 1620 S-40+ here. They should be getting out better now. (GJ-CA)
- (KXOL) UT Brigham City - 4/28 0600 - Off at this time, but nothing else, but noise. (GJ-1660 CA)

UNIDs and UNID HELP

- KZSJ CA San Martin - This is undoubtedly RD-AZ's unID in issue 66/25. In a recent 1120 verie letter from the station, it was mentioned that the station had changed format from Spanish to Vietnamese. The new address is 3031 Tisch Way, Suite 3 Plaza West, San Jose, CA 95128. This address works also for their other station, KZSF-1370, which remains Spanish. (JW-CO)
- UNID?? 4/8 0259 Poor, in QRM, with ... ends its broadcast day ..., followed by SSB. (JW-1230
- UNID - 4/15 0740 - Playing NOS music, looping E-W. No ID was heard. (JTR-1650

DX AND EQUIPMENT TESTS

1020 MN Fergus Falls - 4/26 0500-0600 - Nothing heard under Roswell that sounded like a test. (FA-ID)

TIS & OTHER STUFF

- 1250 WPMA702 CA Lodi 4/1 1600 With NOAA weather, city information & ID, in both EE and SS. (GI-CA)
- (WPLV688) CA Yuba City 4/26 Off the air. I went through the area this morning and the only thing heard on the frequency sounded like a woodpecker. (GJ-CA)
- WXK790 AZ Phoenix - 4/27 0002 - Sky Harbor Airport, with where to park at the airport 1610
- (RD-AZ) 1610 TIS



CA San Diego - 4/16 0020 - New station is on the air following a few weeks of testing 12345678910... testing testing on channel B messages. Short tape loop contains border crossing info in English and broken Spanish. Does not mention call letters, or even which of the two border crossings it's located at. I would sure guess it's at the Otay Mesa crossing, a few miles southwest of my location, but it could be at the more well-known San Ysidro crossing 9 miles farther west. I'll try to find out this weekend. This sounds like a full 10-watt station. You may recall there used to be a 0.1-watt station on 1610 at San Ysidro many years ago. This flea-power station eventually moved to Otay Mesa and changed frequencies to 1650, where they promptly got clobbered by KGXL day and night. Interestingly, whereas the old station contained only info for people entering the US, the new station contains only info for people going into Mexico. The old station was run by the US Customs Service, but the new station sounds more like a CalTrans operation to me. (TRH-CA)

MIDNIGHT TO 0800 HOURS ELT

- KSFO 560 CA San Francisco - 4/28 0731 - With Michael Reagan. (RD-AZ)
- **KFRC** 610 CA San Francisco - 4/28 0745 - Playing oldies. (RD-AZ)
- 710 **KDIS** CA Los Angeles - 4/25 0102 - Playing Hakuna Metata from The Lion King. (I heard this a bazillion times, just somehow never logged it). (RD-AZ)
- KGNC 710 TX Amarillo - 4/30 0735 - With ID and agri-business news . (RD-AZ)
- **KATO** 1230 AZ Safford - 4/8 0201 - Barely over the jumble, with ... on News Talk 1230 KATO Safford. New catch, for Arizona #61. (JW-CO)
- 1470 KKTYt WY Douglas - 4/27 0054 - Got a solid ID, but not sure which one in the pile was playing I Second That Emotion. Was with another US station and XERCN. (RD-AZ)
- 1510 KDKO CO Littleton - 4/27 0008 - Playing R&B. ID at 0031. Ad for Cinco de Mayo celebration at the Civic Center. Denver area ads. (RD-AZ)
- **KGBT** 1530 TX Harlingen - 4/4 0312 - A variety of Latino music, frequent KGBT 98.5 jingles

6			
			in SS, spot for La Jaiba (The Crab) restaurant. Good signal, on peaks, with
			WSAI and KFBK partly nulled. Wonder if they forgot to change to night an-
			tenna? First time heard, for Texas #143. (JW-CO)
1560	KKAA	SD	Aberdeen - 4/7 0725 - C&W music, call ID and news. Last heard three years
			ago. (JTR-OK)
1630	KCJJ	IA	lowa City - 4/27 0631 - With ad for 1-800-FLOWERS and mention that their
			power was so strong it could crack your windshield. [Yeah. Right - Ed.]
1650	KDNZt	TA	(GJ-CA) Cedar Falls - 4/29 0630 - With KGXl, nulled, someone with what sounded
1030	KDNZt	IA	like a talk show. Suspect KDNZ. Also on 5/4 at 0633 with 10 minutes of talk
			show and ID. Clear enough to tape. (GJ-CA)
1690	WMDM	MD	Lexington Park - 4/23 0552 - Weak signal, heard through KDZZ OC. (GJ-
		_	CA)
1700	KTBK	TX	Denison - 4/2 0600-0800 - Good, strong signal, with ESPN Sports. No ID on
			the hour. Also 4/27 at 0700. With sports, atop KBGG. (GJ-CA)
			0000 TO 1/00 HOL/DO EXT
020	VVUI	CA	0800 TO 1600 HOURS ELT Los Angeles 4/25 0020 With SS programming and EE ID. Heard often but
930	KKHJ	CA	Los Angeles - 4/25 0930 - With SS programming and EE ID. Heard often, but never logged it. (RD-AZ)
970	KCLB	GA	Coachella - 4/28 0822 - With Bloomberg News. (RD-AZ)
,,,	Rezz	Ų.,	Countries 220 0012 Visit and on Del Site Visit (ND 712)
			<u>1600 TO 2400 HOURS ELT</u>
550	KLLV	CO	Breen - 5/3 2239-2300 - Playing some choral religious-
			sounding music. VERY, VERY weak. (RD-AZ) [Not
=.0	WCH.	***	DAG TOT & GRANTEHOICE
760	KGU	HI	Honolulu - 4/17 2140 - Call ID, ads for Hawaii, ESPN sports talk. Good signal on fade-ins. New here; first 2010ESMOND STREET SATRE PER PRINTY LANK 18840 (17) 868-775
			sports talk. Good signal on fade-ins. New here; first annex 1745 Hawaiian logging. Caught in loop null of WJR. All
			this during a minor geomagnetic storm! (JTR-OK)
870	WWL	LA	New Orleans - 4/27 2306 - With news of a big drug bust. (RD-AZ)
960	WFIR		Roanoke - 4/11 0006 - Good and loud, over WSBT. Weather Channel fore-
			cast, promo. Talk format. (JJR-WI)
1130	KRDU	CA	Dinuba - 4/28 2256 - With Pastor McGee and Through the Bible. Weather
			report. 2300 shutdown in mid-sentence, and was gone. (RD-AZ)
1130	KTMR	TX	Edna - 4/8 2120 - C&W music with call ID and EE announcements. New
1190	WLIB	NIV	here. (JTR-OK) New York - 4/10 2345 - Poor, with 1190 WLIB. Through WOWO out of ads.
1170	WLID	14 1	WLIB said again 6 minutes later. NEW! #4 for '99 and New York #49! Felt
			good to get a new one. Now at 1949 (with no call changes.) Have set a goal
			of 1975 for the end of the year. Will hopefully meet or exceed! (JJR-WI)
1310	WTTL	KY	Madisonville - 4/16 2135 - Oldies with call ID and Electric Radio. (JTR-OK)
1470	KHTK	CA	Sacramento - 4/27 2252 - With Sacramento Kings basketball. (RD-AZ)
1510	KIRV	CA	Fresno - 4/28 2029 - At sign-off, under KFNN. (RD-AZ)
1600	WARU	IN	Peru - 4/12 2029 - Fair, with PSA including station address, 98FM slogan,
		٠.	AoR music. (JJR-WI)
1620	KSMH	CA	Auburn - 4/25 2250 - Strong signal, on top of KRIZ, with a program on pur-
1670	WRNC	CA	gatory. Local Catholic Radio. (AK-WA) Warner Robins - 4/28, 0150 - Very week with lets of lightning and lets of
1670	MINING	GA	Warner Robins - 4/28 0150 - Very weak, with lots of lightning and lots of noise (drove my wife crazy). C&W music. Is it them? Sure hope so. (AK-
			WA)
1670	WTDY	WI	Madison - 4/28 0140 - Weak-to-fair signal, over station playing country mu-
		_	sic (WRNC?) Lots of noise from lightning storm on 1670, WTDY. Art
			Bell Show and ABC News at the top of the hour. (AK-WA)

GRAVEYARD DX UPDATE

Remember, all the Graveyard files are on the web, at http://www.angelfire.com/tx2/phantom2/I've added a 'pattern of the week' feature, so check it out.

DDXD-East

Deadlines are Tuesdays: June 1, July 6.

In response to some questions and a suggestion from one of our contributors, Bill Hale and I have been e-chatting with Paul of late about some possible tweaks to the DDXD format. It has been suggested that we adopt UTC instead of Eastern Local Time in the domestic column, and that we collapse the 0000-0800, 0800-1600, and 1600-2400 into a single loggings section. We were generally of the opinion that, since most domestic stations are on a local-time schedule, the use of UTC would be more confusing than helpful (imagine saying that Rush Limbaugh, for example, may be heard 1700-2000 winters and 1600-1900 summers). However, we thought that the time brekdowns of the loggings section (which date back to the days when Bill was doing the whole of DDXD, East and West) may have outlived their usefulness, and we have made some tentative plans to combine them over the summer. We did want to provide an opportunity for your comments, Easterners and Westerners alike. So please drop Bill or myself a line, and include your latest DX catches while you're at it! And thanks, as always, to all of our members who contribute to the column with their ideas and suggestions, as well as their logs.

From Sheldon Harvey of the Canadian International DX Club: "The station CJMS-1040 kHz. in St. Constant, Quebec, did go on the air last Sunday afternoon [4/25 – DY] at 3 PM. In speaking with one of the station owners, Mr. Michel Mathieu, he told me that there was a reason for coming on at this time. It marked the 45th anniversary of when CJMS, then at 1280 kHz. in Montreal, first came on the air.

"The station is on the air now, testing with their nighttime power and pattern of about 1100 watts. They will only begin official programming on Monday, May 10, 1999, presumably with the morning drive show. Check 5 or 6 AM Eastern. At that time they will be using their daytime power of 5000 watts.

"The broadcast last Sunday included a brief discussion on air with various people associated with the station, and contained a mix of various French and English country vocals, and many instrumentals.

"According to their proof of performance with the CRTC, they will have to play 65% French language vocals, and of course, meet the 35% Canadian content regulations as well (instrumentals are not part of this equation). This won't be difficult to do, as the majority of the French songs will also qualify as Canadian.

"I do not have the details of the antenna pattern at this time, but I hope to soon. The station will accept reception reports. They can be reached by telephone at 514-990-2567 (CJMS). Their mailing address is CJMS Country 1040, 200-B St. Pierre, St. Constant, Quebec J5A 2G9.

"I hope this information is helpful to you all."

Several new members have written recently, asking about how to report stations that have not been positively ID'ed. Let me pass along one of my responses for general consumption:

"People have different opinions about tentative loggings, but the hobby standard is that you should be conservative about claiming to have heard a station. Unless you're sure, you should use one of these qualifiers:

"(1) "Presumed" means you're virtually certain you've logged the station, but have not actually heard an ID. Example: "WOWO-1190 (presumed) with Fort Wayne Comets hockey strong, no ID."

"(2) "Tentative" means you have strong reasons to conclude it's the station you think it is, but you aren't sure. Example: "WJOX-690 (tentative) with sports call-in show, discussion of Auburn basketball." Here, you have an Alabama sports talk station discussing an Alabama sports team, but it's



not impossible for a national sports talk network to discuss Auburn basketball. In fact, there is so little local programming on AM these days that mentions of teams and localities are not necessarily conclusive.

"(3) "UNID" can include stations about which you have some idea, as well as those for which you have no clue. Example: "UNID-1380 with Boston Red Sox baseball; probably unneeded WSYB."

Hope you're all enjoying the warmer months by now, which are not necessarily empty of DX! If you're planning on visiting the Big Apple this summer, drop a line and see how polite New Yorkers can really be.

STATION NEWS

WZTM FL Largo - 5/6 1301 - Now usually running SS hot Latin format, usually // WBDN-760. Announcements from 4/30 said that "The Team" format would move on 5/3 to WQYK-1010. WBDN-FM 96.1 MHz is no longer // the AM's. (TLK-FL)
 WFLA FL Tampa - 4/30 - Still working on the power upgrade; talk show host this

WFLA FL Tampa - 4/30 - Still working on the power upgrade; talk show host this morning referenced they are running 5 kW days at the moment, and that GTE telco problems are responsible for some of the audio problems on //

8			
			WSPB-1450. WFLA remains almost always audible on the 25870 narrow-band
			FM remote transmitter. (TLK-FL)
1040	WJHR	NJ	Flemington – Running construction sounds and a periodic announcement:
			"Construction is under way for our brand new radio station designed exclusively for
			Hunterdon County. Find out what everybody is talking about on May 3rd at 3:00
			P.M.," periodic ID's. (BD-PA) [Going to be TLK, I suppose. – DY]
1220	CJSS	ON	Cornwall – Migration to 101.9 FM was approved; FM station plans to sign on
	,		in late May, to be followed by a 3-month period of simulcasting AM/FM.
			(AR-ON)
1360	WWLG	MD	Baltimore – 4/15 0930 – Not heard while in area, not heard previous night
2000	23	2	either. Presumed silent? (DS*MD)
1480	WGFY	NC	Charlotte – Now carrying Radio Disney. New mailing address is 4180 Pom-
			pano Road, Charlotte NC 28216; phone is (704) 393-1480. This is also the trans-
			mitter location. Send mail/QSL requests to the attention of John Pendleton,
			Executive General Manager. (JM-NC)
	WISL	PA	Shamokin – 4/5 1630 – While Don & Mike Show was in progress, they pulled
			the plug and replaced it with the format of 3-mile distant WMIM-1590, which
			went silent on 3/19 and has not been heard since. (SK-PA)
1680	WTIR	FI	Winter Garden – "Traveler Information Radio Network," in early April, 1999,
1000	******		signs promoting a Traveler Montation Radio network, Meany April, 1999,
	WHIS-WA		signs promoting a Travelers' Information Radio on 1680 kHz were spoted by John Santosuosso on the Beeline Expressway (SR-528) near Exit 2, and on I-4
		•	about 1-1/2 miles east of the US-192 junction, as well as area feeder roads.
- ≣W	VEEX		Additional information via Tony Simon indicates that the Expanded Band
-	1236 AM	S	counterpart to 1600 kHz WOKB intends to begin the Traveler Information
	_		Radio Network with these apparently new calls, "a partnership" between
			TiRN Broadcasting and the Florida Department of Transportation, which is
			to expand to around 19 FCC-licensed stations across Florida. To date, the
			1680 kHz signal has not been heard. Info: http://www.nawgits/com/
			timon.html. (TLK-FL)
	WTTM	NI	
	** 1 11/1	11)	Princeton - 5/1 1750 - Running sports station promos in about 5-minute
			loop, into talk show 1800 // WHWH-1350. Legal ID break at 1900 in Trenton
			Thunder baseball only mentioned WHWH. For a real treat, try going to a Thunder game and listening to the coverage on 1350 after dark. You're on the
			other side of their pattern, a signal only a DX'er could tolerate. (PRM-NJ)
1700	KTBK	TY	Denison-Sherman – 4/1 2308 – Local sports talk show giving number to call
2,00			(214) 784-1310, confirms my earlier tentative, // KTCK-1310 Dallas. Atop
			briefly then nearly emothered in third place under VRCC MRAILL (CV DA)
			briefly, then nearly smothered in third place under KBGG, WRNU. (SK-PA)
			DX TESTS
1020	KJJK	MN	Fergus Falls – 4/26 0500-0600 – Not heard through KDKA, 1010 slop. (SK-PA)
1020	11,,11	1721	Telgus runs - 4/20 0500-0000 - Not neura through KDKA, 1010 slop. (5K-PA)
			UNID AND UNID HELP
610	WSNG	СТ	Torrington $-4/21$ – This does not carry the Celtics per station personnel to
010	,,,,,,,	٠.	whom I spoke today. NOS reigns here // WDRC-1360 etc. (RM-CT)
950	UNID	_	
-00			next time, God bless." Ad for something in Burlington, atop briefly, fair. KJRG-
			KS? (SK-PA) [More likely someone with a syndicated religious program from
			Kansas, like WROL-MA. – DY] (Don't tell me you're getting junk from
			Topeka's Fred Phelps there! -pls)
1120	UNID		—— 4/15 2210 – OLD under KMOX, ID as "AM 1120 WBN?" heard twice;
1120	0.110		Concord MA? (DS*PA)
1140	UNID	_	
4440	0.110	_	——4/20 1940-1945 – High school basketball game, Road Warriors vs. Blue Devils, briefly over WRVA, then gone. (WM-MD)
1240	UNID		4/10/2100 Ad for Springfield Heads All actual and department
1240	UNID	_	
	CHID	_	—— 4/13 2200 – "This is NHL Radio" heard in mess, Buffalo vs. Philadel-
1320	UNID		phia NHL game heard. (WM-MD)
1320	ONID	_	——4/12 2120 – Someone in FF. My understanding is that the St. Constant
	UNID		permit will operate on 1040, not here, so CJMR? (DS*VA)
	01410	_	——— 4/13 2145 – Minor league baseball game, mention of Indians. (WM-MD)

— 4/8 2135 – Minor league hockey, Icemen vs. Generals. (WM-MD)

UNID

1430

			9
1470	UNID		——— 4/10 1950 – Radio Disney. (WM-MD)
1490	UNID	_	——— 4/3 2100 – Columbus (OH) Crewe soccer net, ID garbled. (SK-PA)
1530	UNID	_	——— 4/20 2005-2018 – No WSAI, but an SS station instead, music more AC
			than CHR. Pattern change at 2018. KGBT? (SK-PA) [Could also be WDJZ,
			which is SS and/or PP and runs later than sunset. – DY
1560	UNID	_	——— 4/15 2230 – Someone with news under WQEW. (DS*PA)
1570	UNID	_	4/13 0047 – REL, local spot with phone number (502) 274-9900, which
			corresponds to Beaver Dam, KY. That's about 18 miles from Morgantown, so
			WLBQ is possible, but M Street says they're "country and AC." (BT-IN)
1590	UNID		—— 4/2 2108-2121 – Snatches of Radio Disney, only
10,0	01112		ID as "Radio Disney 1590," very poor. (DT-JAM)
			WEMR
			LOGGINGS: 0000-0800
550	WSVA	VA	Harrisonburg - 4/16 0658 - Fair with local ads.
000			(DS*WV)
680	WPTF	NC	Raleigh - 4/19 0100 - With ID "680 AM WPTF Raleigh-Durham-Chapel Hill,"
000	****		into news. The usual QRM from WMAQ-670 was missing tonight. (BT-IN)
690	WZAP	VA	Bristol – 4/16 0707 – Weather for northeast Tennessee. (DS*WV)
0,0	WELD		Fisher – 4/6 0735 – End of local news and weather, "It's 42 degrees in Fisher,"
	WELD	•••	news from Hardy County Board of Education. Finally went over WPHE after
			30 minutes for a clear ID. (SK-PA)
810	WPIN	VΔ	Dublin – 4/21 0700 – Loud with music, ID's for this and 4 FM's (all with calls
010	******	*/*	beginning "WP"), plus two translators, followed by mention of "Christian
			Music Radio, PAR FM" and USA news. (SF-TN)
860	CBKF2	SK	Saskatoon – 4/12 Time? – Talk show in FF, mention of Weyerhauser and
000	CDRIZ	310	Saskatchewan, talk on timber, fair over/under WGUL. (DT-JAM) [Not a net-
			work program on CJBC? – DY]
880	KRVN	NF	Lexington – 4/18 0120 – Road Gang C&W show, definitely // WWL-870.
000	ICIC I I	142	Way back but when it tries to shoot up it causes WCBS to sound bubbly. NE
			#2. (SK-PA)
920	WGNU	11	Granite City – 4/13 0334-0435 – Talk show, UPI News, Stebbing show. Fair
720	WGNO	ı.	with QRM from HIBA. (DT-JAM)
1230	WBVP	РΔ	Beaver Falls - 4/29 0100 - Ad for mattress, "Good morning, you're listening to
1230	******		WBVP Beaver Falls, it's 1:00." (WM-MD)
	WABN	VA	Abingdon – 4/22 0600 – Readable for a few seconds with " are located at
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***	769 Radio Drive in downtown Abingdon. Join us now for the next 18 hours as we
			present the finest in music, information," Been after this 130-miler for 29 years!
			(SF-TN)
1240	WIIM	MI	Lansing – 4/14 0100 – ID heard in mess. (WM-MD)
1270	WUCO		Marysville – 4/13 0100 – C&W music, ID. (WM-MD)
1310	WTIK		Durham – 4/23 0313-0347 – Modern REL music in SS, mention of Christ, fair.
			(DT-JAM)
1320	WATR	CT	Waterbury – 4/14 0005 – ID "Listen to lively talk on WATR." (WM-MD)
1330	WFIN		Findlay – 4/8 0730 – "It is 7:30 and you're listening to AM 1330 WFIN," ad for
			Toyota dealer in Findlay, then possible ABC news brief and local news by
			female. Briefly over, then under WYSN. QSL received 4/20. (SK-PA)
1340	WBSR	FL	Lake City – 4/29 0328-0341 – Sports talk, call-in show, poor under WFSH.
			(DT-IAM)
	WFSH	FL	Valparaiso-Niceville – 4/24 0323 - 0345 – OLD or NOS, poor, QRM from WBSR.
			(DT-JAM)
	WHAP	VA	Hopewell – Date? 0008 – Dominant after local WYCK signoff with ad for
			Infinity of Richmond. (HJH-PA)
1400	WEZW	ME	Augusta – 4/9 0100 – Partial ID "AM 1400 WEZW," then ABC news, atop
		-	jumble. (SK-PA)
1520	WTHE	NY	Mineola - 3/31 0615 - Signing on amid LSR clutter with "WTHE Radio,
			Mineola, New York, now begins its broadcast day. WTHE operates on an assigned
			frequency of 1520 kHz." WWKB nulled. (PC-VA)
1530	WTTI	GA	Dalton – 4/17 0659 – With mention of Dalton, REL music, calls at 0700. WSAI
	-		dominant here. New. (MB-IN)
1590	WRXB	FL	St. Pete Beach – 4/6 0100 – Bassy-voiced ID with laser "Star 16 WRXB." Was
			it them with black gospel? (SK-PA)
			Q/

10							11
	wxrs		Swainboro - 4/21 0020 - Canned ID heard in the mess, "Your (station?) WXRS." (SK-PA)	830	wxII	NC	Kernersville – 4/14 2223 – Good with AP news, "Piedmont Weather." (DS*PA)
	WIXK	WI	New Richmond – 4/3 0300 – Partial ID "WIXK 107.1 and," shot up very clear, then smothered by WVNA. (SK-PA)	850	WYDE	AL	Birmingham - 4/14 2220 - With Radio Disney ID's. (DS*PA)
1670	WRNC	GA	Warner Robins - 4/5 0109 - New call, ex-WNML, with C&W, "Real Country WRNC, 96.5 FM." (PC-VA)		WRBZ	NC	Raleigh - 4/20 2035 - Greenville vs. Carolina Mudcats minor league baseball. (WM-MD)
			LOGGINGS: 0800-1600	900	WJWL		Georgetown - 4/20 2015-2025 - Tentative with Delmarva Shorebirds base-
800	WTMR	NI	Camden – 4/12 0901 – Call letters only through morning jumble and splatter,	920	WCHR		ball mixing with C&W music. (WM-MD) Trenton – 4/8 2100 – REL program, "Your inspiration station," ID. (WM-MD)
			WCHA-PA nulled. (PC-VA)	j.	WPCM		Burlington-Graham - 4/20 2010 - ID, C&W music. (WM-MD)
910	WNHV	VT	White River Junction – 5/3 1135-1145+ - While driving by, sports commen-		CKNX	ON	Wingham - 4/27 2035 - Ad for appliance store, weather, "That's the forecast
			tary show, prom o for Motor Racing Network on "Sports Radio, the Score," call letters not heard. Later ID at 1345 as "AM 910, AM 1230, the Score." (AR*VT)	020	WRVC	3A/3/	for northwestern Ontario," ID. (WM-MD) Huntington – 4/2 2100 – Poor in WBEN null with "930 WRVC" ID, first time
1030	WWGB	MD	Indian Head – 4/18 0856 – Good with religion, list of sponsors with mention	930	WKVC	** *	with these calls. (MS-ON)
			of Landover MD, ID mentioning 50,000 watts of gospel power, into GOS pro-	960	WRNS	NC	Kinston - 4/16 2140 - Kinston Indians vs. Winston-Salem Warthogs minor
1230	WMOU	NH	gramming. (MS*ON) Berlin – 4/29 1610-1621 – While driving by, OLD records, ID's as both "WMOU	0770	wew	NTN/	league baseball game. (WM-MD) Norwich - 4/25 2045 - NOS music, soft rock mix, slogan "Relax with unforget-
1250	***************************************	1411	1230" and "The Memory Station," ad cluster covering Gorham, Lancaster, and Berlin, followed by "Community Calendar" at 1620. (AR*NH)	970	WCHN	NY	table music from Norwich to Oneonta," loud with deep fades and minor WILK-980 splash. (HJH-PA)
1250	WPEL	PA	Montrose – 4/9 1255-1315 – Female with mellow REL music, UPI news end-	990	WV5C	PA	Somerset – 4/15 2147 – Bradford ads, fair. (DS*WV)
			ing at 1305, then more choir-style music, best ever reception of this on a rainy	1030	WQSE	TN	White Bluff – 4/12 1953 – Ad with number (315) ?-2621, then gospel music,
			day. Usually it's all mumbling here, approximately 68 miles away. Sent a tentative report and received QSL on 4/27. (SK-PA)	4040	TATTATED A	T.T	barely audible under WBZ. (SK-PA) Pinellas Park – 4/2 1958 –Mixing with SS station, heard "This is WW,"
1320	WWWT	VT	Randolph – 5/3 1350-1405 – While driving by, C&W music with mention of	1040	WWBA	FL	then suddenly WJTB came out of nowhere and smothered them. (SK-PA)
			"Real Country," ID by man 1400: "Real Country is WWWT AM, WCVR FM,		WJTB	ОН	North Ridgeville - 4/2 1958 - Ten minutes of ads for various gospel con-
1340	WSTJ	VT	Barre-Montpelier-Randolph." (AR*VT) St. Johnsbury – 4/29 1450 – While dirving by, PSA, promo for Red Sox base-				certs, including The Sound of Rejoice and the Christian All Stars on 4/10 at 6
1510	***31)	V 1	ball, promo for "Music of Your Life" format and music of that type. (AR*VT)				p.m., Founders Day Banquet in Lorain OH. Black gospel at 2008; never heard so late. (SK-PA)
1370	WDEA	ME	Ellsworth - 5/1 0943-1001 - While driving by, NOS music from Swing era,		WSKE	PA	Everett - 4/6 1930 - C&W music, "This is WSKE." (WM-MD)
			weather, PSA's, and Red Sox baseball promo, call ID's and "Down East Maine,"	1070	WSCP	NY	Sandy Creek-Pulaski - 4/25 2100 - ID as "WSCP Sandy Creek-Pulaski" with
1450	WKXL	NH	occasionall jingle "WDEA, Welcome Down East." CBS news at 1000. (AR*ME) Concord - 5/3 0915-0925 - While driving by, "Swap Shop" program, ad clus-				mention of 101.7 FM, C&W countdown show. Still loud at this late hour. (HJH-PA)
			ter, occasional ID's. Program ended 0925 with ID for WKXL 1450 AM, 102.3		WNCT	TN	Greenville – 4/14 2150 – Tentative, fair with SS tropical music. (DS*PA)
1400	7477 F. A	272/	FM. (AR*NH)	1080	KYMN	MN	Northfield - 4/7 1958 - Poor in tough KRLD null with AC music, calls, NBC
1480	WLEA	NI	Hornell – 4/17 1152 – Good with "Radio Classified," mentioned information is also on Hornell Channel 6 cable, WLEA Hornell ID, special greetings for	1120	MDDI	TA/3/	news at 2000. New. (MB-IN) Rainelle - 4/1 2200 - Southen gospel, ID mentioning gospel, then "WRRL"
			listeners in Wellsville. (MS*ON)	1130	WRRL	** *	Rainelle-Lewisburg," USA news. (SK-PA)
1580	WKKD	IL	Aurora - 4/8 0900 - Tentative with partial ID "From 1580, all news all the time,"	1160	WSCR	IL	Chicago - 4/12 2117 - Good, atop frequency, someone with NOS (my home
WEY	FA AM 14:	50	fluttery over WPGC. Again 4/10 0210 with CNN Headline News. It's the only all-news station listed on 1580. (SK-PA)	1100	wowo	INI	local WAMB?) underneath. (DS*VA) Fort Wayne - 4/12 2117 - Dominant at night here, WLIB weak underneath.
	aic of Your Life"		,,	1190	wowo	114	WOWO also dominant at Parkesburg WV, but not by much. (DS*VA)
F40	TATTALCC	D.	LOGGINGS: 1600-2400		WLIB	NY	New York – 4/14 2019 – Dominant at night here, WOWO weak under. (DS*PA)
540	WWCS	PA	Canonsburg – 4/12 2105 – Tentative, someone carrying Radio Finland in EE, ID 2200 as WRNI (or something phonetically similar). (DS*VA) [Probably a	1230	WZNO	FL	Pensacola – 4/20 2130-2200 – OLD or NOS, clear ID as "You are listening to the sound of WZNO, Pensacola," poor in QRM. Format change. (DT-JAM)
			net ID for WRN, World Radio Network DY		WECK	NY	Cheektowaga – 4/16 1855 – Good with instrumental music, ID "CBS presents
640	WCRV	TN	Collierville – 4/25 2328 – Landed here in time for ID "Collierville-Memphis,"				the greatest music of all time, WECK Cheektowaga," into CBS news. A daytime
			PSA requesting funds to support Crimestoppers. Then REL program "Words to Live By." Way over usually dominant WHLO. (SK-PA)				regular at home, but first time heard at Coe Hill. (MS*ON)
730	WJTO	ME	Bath - 5/2 1700 – While driving by, ID by man 1700 with seaside sounds in	1250	WNOR WKBR		Norfolk – 4/28 2045 – Rock music, "FM 99." (WM-MD) Manchester – 4/5 1945 – "This is Manchester's hot talk station, WKBR Manches-
			background, "WJTO Bath, Brunswick, and east coast Maine." Then NOS, clas-	1250	WKDK		ter," return to Tom Leykis. Poor, atop, then lost to pattern change and WEAE.
750	WAAT	DΑ	sics, vocal and instrumental music to 1720 tune-out. (AR*ME)				Format change! (SK-PA)
750	WAAI	IA	Olyphant – 4/16 1912 – Good with Christian contemporary music, ID as "The Way" and "750 WAAT." (MS*ON)		WEAE	PA	Pittsburgh - 4/5 1945 - ESPN Radio, ID 2000: "You're listening to the most anticipated radio station in Pittsburgh's history WEAE Pittsburgh ESPN
780	WWOL	NC	Forest City – 4/14 1951 – Signoff with "My Country 'Tis of Thee" and men-				Radio 1250." (PC-VA) [Anticipated? The city where it all began is anticipating
			tion of 10,000 watts, owned by Holy Spring Baptist Broadcasting Company,				something from a satellite sports talk station? - DY]
790	WLLB	ME	good and alone. Only second time heard. (SK-PA) Rumford – 4/29 1800 – While driving through, presumed with no lD on the	1260	WPZE	MA	Boston – 4/14 2020 – Good with ID as Radio Disney Boston. (DS*PA)
	- -		hour, REL programs with "Catholic Answers Live." (AR*ME)	1270	wuco	OH	Marysville – 4/12 2119 – Calls in promo, into C&W music. Weak but good copy. (DS*VA)
000	WSGW	MI	Saginaw – 4/14 2015 – Fair with local events. (DS*PA)	1290	WCCC	СТ	West Hartford - 4/6 1905 - PSA "From WCCC, if you need call (800) 799-
820	СНАМ	UN	Hamilton – 4/12 1940 – Toronto Blue Jays baseball vs. Tampa Bay, ad for dating service, station promo, "Ontario's best country," ID. (WM-MD)		1.1001	T/2	0906," in mix. (SK-PA)
			saming service, station promo, Ontario's vest country, ID. (WM-MD)		WCBL	KY	Benton – 4/13 2358 – 70's OLD up and down in the mix all evening, then

WOPI

WSWW

12			
			promo at this time for program "mornings here on WCBL," then "A public service announcement from this station and the Kentucky," news. Log says NBC, but it sounded like ABC to me. Just CJBK competing tonight, but mostly under them. (SK-PA)
	WNBF	NIV	· · ·
1310	WYUR		Binghamton – 4/13 2050 – End of Binghamton Mets game, ID. (WM-MD) Dearborn – 4/14 2233-2310 – Poor with "Music of Your Life," now "House of
1310	WIOR	IVII	the Rising Sun" has achieved MOYL status! Heard couple SID's, in and out with 3-4 others including one with "Minnesota Timberwolves Radio."
	WTLB		Utica – 4/8 2015 – NOS music, "Making your days and nights unforgettable," ID. (WM-MD)
	WDPN		Alliance – 4/19 2347 – Weather, calls heard. (BT-IN)
	WNAE	PA	Warren - 4/1 1858 - Ad for Buy Low Video in Warren; never heard before past LSS. (SK-PA)
	WlBA	WI	Madison – 4/15 2156 – Weak in mess with ad for something on Fish Hatch-
			ery Road just south of Madison Newspapers. Good to hear my hometown local. (DS-WV)
1330	WNIX	MS	Greenville – 4/23 2125-2225 – OLD and ROK, ID as "Rock and roll 1330 WNIX," under WJNX, WWRV, poor. (DT-JAM)
1340	WQSC	SC	Charleston - 4/15 2146 - Ad for jewelry store in the Charleston Plaza, one of
	_		those overly bassy style ads like they do for car races, and it stood out in the
			jumble. QSL received 4/27. (SK-PA)
1350	WOYK	PA	York – 4/16 1930 – Good with sports talk, ID "This is Sports Radio 1350 WOYK, a," ad for York Mitsubishi dealer. (MS*ON)
1360	WKOP	NY	Binghamton - 4/2 1800 - Poor, atop briefly with ID as "1360 WKOP
			Binghamton." (MS-ON)
1370	WPAZ	PA	Pottstown - 4/13 1925 - Reading
			Pottstown – 4/13 1925 – Reading Phillies minor league baseball game. (WM-MD)
1380	WSYB	VT	Rutland – 4/14 2206 – Fair with call ID's. (DS*PA)
1400	WLTN	NH	Littleton – 4/29 1606 – While driving by, end of network news, WLTN local
			news headlines, promo for "News $Talk\ 1400$," 1607 Dr. Dean Edell talk show. (AR*NH)
	WICK	PA	Scranton – 4/8 1935 – Scranton-Wilkes-Barre Red Barons minor league base-
			ball vs. Pawtucket. (WM-MD)
	WRDB	WI	Reedsburg – 4/4 2000 – Partial ID " DB Reedsburg" heard in jumble, ABC news. (SK-PA)
1410	WHTG	NJ	Eatontown – 4/14 2204 – Fair with Yankees game, Hackensack ads. (DS*PA)
	WLSH	PA	Lansford – 4/7 1930 – ID in mess, OLD music also heard. (WM-MD)
1430	WXKS	MA	Everett – 4/4 2022 – Weather report, lD's "Boston's Memory Station, WXKS." Strong, atop WNJR. (HJH-PA)
	WRXO	NC	Roxboro - 4/10 1907 - "It's about (country?) WKRX," in slight WNJR fade. This is // 96.7. (SK-PA)
1450	WSTU	FL	Stuart - 4/10 2319 - "It's cloudy in Stuart" heard in jumble. (SK-PA)
	WJPA		Washington – 4/8 2304 – End of Buddy Holly's "That'll Be the Day," canned
	ŕ		ID "Oldies 95.3," strongest in the jumble. My last PA GY station and #1,300 from this location. (SK-PA)
1460	WCRY	NC	Fuquay-Varina - Date? 2225 ID and "Saint of the Week" nominations fea-
			ture, ad for Spring Gospel Youth Day Celebration at Ledgerock Baptist Church.
			Heard most nights here with southern gospel format. (HJH-PA)
1470	CHOW	ON	Welland - 4/15 2203 - Very good with end of Canadian weather (Celsius
		-	temps), into C&W music countdown show. (DS*WV)
1490	WANA	AL	Anniston – 4/28 2159 – "Only one station, 1490 WANA," heard in jumble. (SK-
			PA) [Now there's an oxymoron: "only one station, 1490," hi. – DY]
	WECM	FL	Milton – 5/1 2024-2159 – REL tlk, promo for women's church organization
		_	event, poor with two others. (DT-JAM)
	WLPA	PA	Lancaster – 4/11 1958 – Fair with sports talk program, ID "Sports Radio WLPA."
			() (C ON)

TN Bristol - 4/27 236 - Tentative with clear ad for Lear Products in Bristol. (SK-

WV Charleston - 4/5 2300 - Black gospel, then "WSWW in Charleston ... radio,"

barely atop. They recently dropped the Don & Mike Show and were berated

on the air for doing so because they broke their contract. Now I know what format they changed to. (SK-PA) 1530 WVBF MA Middleboro - 4/3 1905-1930 - Presumed, news by female, several mention of Boston, best reception was one brief upfade at 1921 with "Boston's landlord clause," too much time spent on Kosovo. Lucky to get this little bit with WSAI blasting away. (SK-PA) 1580 WANB PA Waynesburg - 4/27 1957 - End of C&W song, partial ID and ad with 800 number, tough in WPGC fade. (SK-PA) WVNA AL Tuscumbia - 4/9 2142 - "Bounce it, throw it, kick it, shoot it ... sports play a big 1590 part of the broadcast day at WVNA-AM Tuscumbia, Alabama," then back into Atlanta Braves vs. Arizona baseball. (BT-IN) 1600 WKWF FL Key West - 5/6 2300 - Noted unID network sports talk (references to USA Today), fading up and down between unID gospel, Kreyol (that one likely Winter Garden) and another with CNN (Atlantic Beach?). Finally canned ID by woman 2340, "WKWF, 1600 AM, is being programmed." (TLK-FL) [Now there's a classy ID. - DY1 1660 WOSN MI Kalamazoo - 4/7 2045 - Promo for Detroit Tigers baseball vs. Texas. (WM-MD) WTDY WI Madison - 4/7 2040 - Ad for CSG Services, mention of Madison, "You are 1670 listening to 1670 WTDY." (WM-MD) TIS AND MISCELLANEOUS WNRZ656 DE Delaware City - 4/15 1115 - Sign seen, station heard. (DS*DE) KY Williamsburg - 4/12 1100 - Sign seen, but station not heard. (DS*KY) TIS 1610 TIS KY Williamsburg – 4/12 1100 – Sign seen, but station not heard. (DS*KY) WNOA286 MD Annapolis – 4/15 1000 – At the Chesapeake Bay Bridge. (DS*MD) MD Baltimore – 4/14 1630 – Sign seen, station heard. (DS*MD) WMDY509 MD Joppa – 4/14 2100 – Maryland DOT TIS heard with ID's. (DS*MD) WNQA289 MD Narrows - 4/15 1015 - East of the Chesapeake Bay Bridge. (DS*MD) TIS NJ Atlantic City – 4/15 1400 – Sign seen, station heard. (DS*NJ) WOO799 NJ Belmar - 4/15 1445 - Sign seen, station heard. Mostly relays NYC 162 MHz NOAA weather radio, with occasional AM ID's. (DS*NI) WPAN997 NY Near Buffalo - 4/6 1903 - Good with NY State Thruway Authority info, call ID. Far stronger than I've ever heard them at home, despite considerably greater distance. (MS*ON) TIS NC Raleigh-Durham International Airport - Has a TIS operating here per John Santosusso, who passed through the airport this weekend. (TLK-FL) TIS PA Altoona - 4/16 1300 - Sign seen, station not heard there but then heard about _ mile farther west. (DS*PA) KID324 WV Seneca Rocks - 4/13. (DS*WV) UNID -- 4/26 2321 - Start of tape loop "Thi is (WO38?) with weather for northeastern Pennsylvania," male gives weather, then female speaks, but I can't make it out. (SK-PA) 1620 TIS MD Annapolis - 4/15 - Saw sign for TIS here. 1630 TIS MD Frederick - 4/14 - Saw sign for TIS here. "WRNM" MA Mattapan – 4/12 1905-1915 – With Haitian/Creole FF programming, in and 1640

WJAC-850

out of the fades and static. Tape made and will be sent to: Sylvan Simon, Manager/Owner, 15 Gilman Street, Mattapan MA 02126; (617) 298-1640. This is heard quite often in broad daylight. Sylvan said it's a 60' tower and 100 milliwatts. WKSH bombed in about 1920 and ruined a better tape. (RM-CT)

PA Various – 4/15-16 – Signs seen for numerous TIS's between Morrisville and Harrisburg along the PA Turnpike. (DS*PA)

INTERNET UPDATES

News from *Scott Fybush*'s "North East Radio Watch," used by permission: **WGAN-ME-560**'s new afternoon news anchor is Katie McClelland, formerly of WCCM-MA-800.

WSKO-790-RI broadcasts the Pawtucket Red Sox. WEAV-960-NY is now all-talk, with Imus, Mike Gallagher, Dr. Joy Browne, Don & Mike, the Fabulous Sports Babe, the Dolans, and overnights/weekends from the WOR network. WZAN-970-ME carries Portland Sea Dogs baseball. WSUB-980-CT continues to run Norwich Navigators baseball. WNTY-990-CT has dropped leased-time SS weekdays and returned to EE soft-AC temporarily, and is signing off at 1700 weekdays, 2100 weekends. WBZ-

1030-MA's overnight man, Bob Raleigh, has announced his retirement, and David Brudnoy's program will be cut back, ending at 2200 instead of 2400. WPRX-1120-CT is running New Britian Rock Cats baseball in EE, with bilingual ads and continuing SS programming the rest of the day. WFTN-1240-NH will switch soon from // WSCY-106.9 C&W to // WPNH-1300 NOS. WSKI-1240-VT dropped satellite OLD for satellite adult standards on April 1, ID "The Million Dollar Memory Station," remaining live and local weekday mornings. WAVZ-1300-CT broadcasts New Haven Ravens baseball, with some games on WELI-960. WORC-1310-MA no longer maintains studios at the Grove Street location; a sign on the window advises that they are operating out of WGFP-940 on Route 16 in Webster. WKFD-1370-RI has been off the air for quite a few months now; could the FCC pull its license soon? WLLH-1400-MA has been running promos, asking listeners to follow its personalities down the dial to "the new 800 WCCM," while Mega Broadcasting is expected to begin SS programs here soon. WABY-1400-MA will drop music for CNN news with local news inserts 0500-1900, continuing to // WABY-FM soft AC the rest of the time. WOLF-1490-NY will switch from satellite talk to Radio Disney on 5/3, along with // WOLF-FM 96.7 and WKGJ-1340. WDZK-1550-CT has been off the air on weekends. WSMN-1590-NH is running a weekday talk show 1800-1900 hosted by former Red Sox player Rico Petrocelli. He's also co-hosting "The Home Team" daily at 1200 on WRPT-650 and WSRO-1470, which are now on a 24-hour simulcast. Part 15-MA-1640 Citizens Media Coalition was to run a one-day transmitter at the "Wake up the Earth" festival in Jamaica Plain.

Those with e-mail access can subscribe to NERW as follows: Send e-mail to <nerw-request@bostonradio.org> with SUBSCRIBE as the body of the message. You'll receive a reply telling you how to confirm your subscription. And then you'll benefit from Scott's tremendous weekly update on all sorts of AM, FM, and TV news from around the North-East! Thanks again to Scott for allowing us to glean some of his MW station news for DDXD.

ADDRESS UPDATES

From *Don Trelford*: WAFZ-FL-1490, report to the 116 Commercio St., Clewiston address was returned as undeliverable. WTWB-FL-1570, P.O. Box 7 is no good, but new address was on the sticker as 777 Carpenters Way, Lakeland FL 33809-3921; this is a good address as QSL is back from them there. WPOM-FL-1600, address in West Palm Beach is not correct, report undeliverable.

Responding to a request comes this from *Jeff Multer*: Correct address and phone for WCGC-NC-1270 is P.O. Box 1360, Belmont NC 28012; (704) 825-2812. Address QSL requests to Mr. Larry Bernard. The station still has towers in place at 6021 Wilkinson Blvd. in Belmont, but apparently is not using the offices there.

And from *Steve Kennedy*: Address for WWBA-FL-1040 is no good, likewise WWSW-WV-1490, and KMOZ-MO-1590. New addresses: WXOK-LA-1460 is now 650 Wooddale Street, Baton Rouge LA 70806. Per announcement, WNEZ-CT-910 is now at 86 Cedar Street, Hartford CT. WQSC-SC-1340, along with co-owned WQNT-SC-1450, may be reached at P.O. Box 31626, Charleston SC 29417. WBTB-NC-1400 is now P.O. Box 10, Morehead City NC 28577, and WSTU-FL-1450 is at 2435 S.E. Dixie Highway, Stuart FL 34996.

REPORTERS

		KEI GKI EIG
MB-IN	Mark Burns	Terre Haute IN – R8, Kiwa loop, 80' LW
PC-VA	Perry Crabill	Winchester VA – R8, 100' RW, Kiwa loop
BD-PA	Ben Dangerfield	Wallingford PA – Station news
SF-TN	Steve Francis	Alcoa TN – TRF, Select-a-Tenna
HF-MI	Harold Frodge	Midland Ml - R71A, MFJ-956, ANC4, 85' / 185' RW's
HJH-PA	Harry Hayes	Wilkes-Barre PA – TransOceanic, Kiwa pocket loop
SK-PA	Steve Kennedy	Coal Township PA – Superadio III
TLK-FL	Terry Krueger	Clearwater FL
WM-MD	William McGuire	Cheverly MD – DX-380
JM-NC	Jeff Multer	Charlotte NC - Station news
RM-CT	Ron Musco	Poquonock CT – R-390A, 2 slopers, phasing unit
AR-ON	Andy Rugg	Cornwall ON - On the road in various places
DS-	Doug Smith	On the road in various places:
DS*MD		On the road in various places: Joppa MD – ICF-2010 Lancaster PA – ICF-2010 WJAC - 850
DS*PA		Lancaster PA – ICF-2010
DS*VA		Blacksburg VA (under the WFNR-710 tower) ICF-2010
DS*WV		Parkersburg WV – ICF-2010
MS-ON	Morris Sorensen	Scarborough ON – R8, DA9, YB400
MS*ON		DX'ing at Coe Hill ON – R8, 500' LW
BT-IN	Blaine Thompson	Fort Wayne IN - Aiwa CSD-ED26 "Boombox"
DT-JAM	Don Trelford	St. Ann's Bay Jamaica - R2000, LW's

International DX Digest

Jim Renfrew JimRenfrew@delphi.com 61 Wilcox Street

Rochester, NY 14607-3832

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

Although the vast majority of us cannot hear anything from the Balkans on Medium Wave, there are a number of interesting reports below related to the NATO bombing campaign.

Some weeks ago I mentioned listening to the Jean Shepherd show on WOR when I was a teenager. I have just discovered that WBCQ 7415 kHz is replaying old tapes of Shepherd shows at 4:30 PM Eastern time on Fridays.

My apologies to Ben Dangerfield, whose report I misplaced last time; it is included here.

TRANS-ATLANTIC DX

Jim

- 153 ALGERIA ENRS Bechar, APR 18 0038-0050 presumed to be the one heard here with AA sounding music, no talk or ID heard, fair signal despite high noise level. [Sorensen-ON]
- 189 ICELAND RUV, APR 17 0040 with man speaking in presumed Icelandic, instrumental music, "Island" ("Iceland") mention, then into jazz instrumental. Good signal despite static on band. [Sorensen-ON]
- 549 ALGERIA Les Trembles, APR 3 2340 AA vocal & strings; to fair peak. [Connelly*O-MA]
- 567 IRELAND RTE, Tullamore, APR 3 2340 nostalgic piano music; poor to fair. [Connelly*O-MA]
- 585 SPAIN RNE1 Madrid, APR 6 0213-0300 CLA and opera, piano solos, fair, interference from an SS station on 590. [Trelford-JAM]
- 594 SAUDI ARABIA Duba, APR 1 0303 Good with man in AA chanting the Koran and // to much stronger 1521. [Dangerfield-PA]
- 612 MOROCCO RTM Sebaa-Aioun APR 29 0135 Excellent; huge local-like signal off the ferrite loop without phasing. [Conti-MA]
- 621 CANARY ISLANDS // SPAIN RNE1 synchros, APR 3 2337 operatic vocal (// 639); poor to fair. [Connelly*O-MA]
- 639 SPAIN RNE1, La Coruna, APR 3 2337 // 621 with operatic male vocal; fair to good. [Connelly*O-MA] APR 29 0150 Good; discussion about Kosovo // 684. [Conti-MA]
- 684 SPAIN RNE1, Sevilla, APR 3 2344 // 774 with folk male vocal; through WRKO slop. [Connelly*O-MA] APR 9 0044 SS discussion; to good peak. [Connelly*R-MA] APR 29 0140 Excellent; discussion about Kosovo, and Otis Redding's "Dock of the Bay" // 855. [Conti-MA]
- 693 AZORES RDP, Santa Barbara, APR 9 0052 // 836 with male PP vocal; under UK. [Connelly*R-MA]
- 693 UNITED KINGDOM BBC, Droitwich et al., APR 9 0052 BBC mostly dominant with EE talk. [Connelly*R-MA]
- 711 FRANCE Rennes, MAR 29 0508 Fair with man in FF amid musical interludes shortly after regular sign on which will be 0600 after April 3rd when our clocks also go forward. [Dangerfield-PA]
- 765 SENEGAL Dakar, APR 2 0428 Very strong with Islamic chanting, but didn't seem to be the Koran. Sign on after April 3 would be the regular time of 0500, I guess. [Dangerfield-PA] APR 3 2332 AA-style vocal; over/under Switzerland. [Connelly*O-MA] APR 9 0040 male AA speech or sermon; excellent. [Connelly*R-MA]
- 765 SWITZERLAND RSR, Sottens, APR 3 2332 religious choral music (celebrating Easter); mixed with Senegal. [Connelly*O-MA] APR 9 0041 light pop music; under Senegal. [Connelly*R-MA]
- 774 EGYPT Abis, APR 9 0040 AA talk; over Spain. [Connelly*R-MA]
- 774 SPAIN RNE1 synchros, APR 3 2344 // 684 with SS folk vocal; to fair peak over second station (Egypt or Morocco). [Connelly*O-MA]
- 819 EGYPT Egyptian R., Batra, APR 9 0038 serious-sounding AA sermon was likely this. [Connelly*R-MA]
- 819 MOROCCO RTM, Rabat, APR 3 2327 pop-style AA male vocal & violins, then AA talk followed by chimes at 2330; good, over probable Egypt. [Connelly*O-MA]
- 836 AZORES RDP, Pico da Barossa APR 3 2325
 ex-837; music hetting Spain-Canaries-837.
 [Connelly*O-MA] APR 9 0052 male vocal
 // 693. [Connelly*R-MA]



Mitra Promosi Usaha Anda...

radio nirwana

AM 648 KHZ 462,96 M

STUDIO/KANTOR: I Sugiono No. 72, PO Box: Banjarmasin. Tulp.: (0511) 57-MS.

Dari yang ada Kami memang beda

- 837 CANARY ISLANDS // SPAIN COPE synchros, APR 3 2325 SS talk slightly over a big pile of other signals. [Connelly*O-MA]
- 846 ITALY Rome, APR 3 2324 classical music; strong. [Connelly*O-MA]
- 855 SPAIN RNE1, Murcia et al., APR 3 2323 folk guitar and male group vocal, then SS talk; fair. [Connelly*O-MA]
- 864 EGYPT Santah, APR 3 2318 Koranic male vocal; good. [Connelly*O-MA] APR 9 0037 a cappella Koranic vocal; loud. [Connelly*R-MA]
- 873 SPAIN SER R. Zaragoza, Zaragoza, APR 3 2321 // 1575 with fast SS news by man & woman; fair through WLAM-870 splash. [Connelly*O-MA] APR 9 0036 SS teletalk; good. [Connelly*R-MA]
- 882 CANARY ISLANDS // SPAIN COPE synchros, APR 8 2336 SS newstalk; under BBC. [Connelly*R-MA]
- 882 UNITED KINGDOM BBC R. Wales, Washford et al., APR 8 2336 woman in EE; slightly over Canaries-Spain. [Connelly*R-MA]
- 891 ALGERIA Algiers, APR 3 2320 AA male vocal and orchestra; good. [Connelly*O-MA]
- 909 UNITED KINGDOM BBC, Moorside Edge et al., APR 9 0035 EE talk mentioned Moslems; fair. [Connelly*R-MA]
- 927 BELGIUM Wolverton, MAR 29 0439 Fair with man in Flemish. First time heard here this season. [Dangerfield-PA]
- 954 SPAIN R. España, Madrid, APR 9 0055 man & woman in SS with talk about local events; good. [Connelly*R-MA] APR 25 0420 Fair; in-studio discussion in Spanish, the most dependable TA through the month of April at my inland location. [Conti-NH]
- 963 TUNISIA Tunis, APR 1 0426 Man in FF over Portugal. [Dangerfield-PA]
- 981 ALGERIA Radiodif. Algerienne, Algiers, APR 3 2250 group AA vocal, strings; over growl. [Connelly*O-MA] APR 8 2233 restricted telephone-quality audio on AA talk by man; stronger than WCAP-980. [Connelly*R-MA]
- 981 GREECE Elleniki Radiophonia, Megara, APR 8 2350 Greek female folk vocal // 1512; through slop. [Connelly*R-MA]
- 1035 PORTUGAL R. Nacional, Lisboa, APR 3 2354 light pop style male vocal; fair to good. [Connelly*O-MA]
- 1044 SPAIN SER synchros, APR 3 2252 SS newstalk & interview; dominant. [Connelly*O-MA]
- 1044 MOROCCO RTM Sebaa-Aioun APR 28 2310 Good; Arabic vocal and string music, SER-Spain starting to fade in. [Conti-MA]
- 1053 SPAIN / UNITED KINGDOM APR 3 2253 fast SS talk over/under EE political discussion. [Connelly*O-MA]
- 1053 UNITED KINGDOM Talk Radio synchros, Start Point et al., APR 9 0057 man in EE mentioned Tanzania; to fair peak. [Connelly*R-MA]
- 1089 ALBANIA RTV Shqiptar, Durrës, APR 8 2331 eastern European talk; atop UK, low rumble present. [Connelly*R-MA]
- 1089 UNITED KINGDOM Talk Radio synchros, APR 3 2352 mentions of high level governmental meetings. [Connelly*O-MA] APR 8 2230 sports-related teletalk, good. Local daytimer WILD-1090 was actually on air at the time, but it could be substantially eliminated by phasing the K9AY loop against the active whip for a cardioid null to the southwest. [Connelly*R-MA]
- 1098 SLOVAKIA Slovensky Rozhlas, Nitra, APR 8 2333 Bee Gees "How Deep is Your Love"; over Spain. [Connelly*R-MA]
- 1107 SPAIN RNE5 synchros, APR 9 0101 fast SS news by woman; over apparent US EE talker (AFN Germany ?) and AA vocal (Egypt ?). [Connelly*R-MA]
- 1125 CROATIA HR, Deanovec, APR 8 2326 Slavic news; weaker than // 1134, but still in at a respectable S9+15 meter reading. Well over Spain, Madeira, UK, etc. [Connelly*R-MA]
- 1134 CROATIA HR, Zadar, APR 8 2228 Slavic female folk vocal in a style influenced by Italian opera; very good, stronger than WBBR-1130. APR 8 2325 man & woman with Slavic-language news; huge S9+30 signal, way over Spain. [Connelly*R-MA]
- 1134 SPAIN COPE synchros, APR 3 2254 SS teletalk show with man & woman; good. [Connelly*O-MA]
- 1143 SPAIN COPE synchros, APR 9 0002 SS news & teletalk with man & woman; in mess. [Connelly*R-MA] APR 29 0115 Fair; woman in Spanish with echo from delay between synchronized stations. [Conti-MA]
- 1179 CANARY ISLANDS // SPAIN SER synchros, APR 3 2355 SER SS newstalk; poor to fair. [Connelly*O-



- MA] APR 8 2324 fast SS newstalk by man & woman, slight echo noted; loud. Classical music station (Romania?) way under. [Connelly*R-MA]
- 1179 GREECE Thessaloniki, APR 9 0028 male Greek vocal; dominant over SER Spain-Canaries. [Connelly*R-MA]
- 1197 GERMANY (t) VOA Relay, Munich, APR 8 2321 Slavic talk briefly popped out of the stew; possibly this station (although perhaps Belarus instead).

 APR 9 0033 teletalk show in eastern European sounding language.
 [Connelly*R-MA]
- 1197 SPAIN EI, Vitoria, APR 3 2256 man in SS briefly over others. [Connelly*O-MA]
- 1197 MOROCCO RTM, Agadir, APR 3 2258 likely this with AA vocal, overtaking Spain. [Connelly*O-MA]
- 1206 ISRAEL Kol Israel Reshet Bet, Haifa, APR 8 2320 surprisingly dominant at a pretty good level with Semitic talk (presumed Hebrew) on a phone-in talkshow. There was a "Tel Aviv" mention. France was either off or in a deep fade. Numerous eastern Mediterranean signals were booming in during an apparent ionospheric enhancement of that area. [Connelly*R-MA] Radio Bleue signs off very early, at 1900 UTC I think. Polskie Radio and Ekho Moskvy are gone, so Israel is dominating on this frequency here, too. Sometimes I have heard a weak Yugoslavian under it, but it's Rodriguez Island that I'm looking for! [Mauno Ritola in hard-core-dx]
- 1215 UNITED KINGDOM Virgin R. synchros, APR 9 0104 back-to-back rock hits; fair to good.

 [Connelly*R-MA] APR 29 0040 Fair; telephone talk well over Virgin Radio-England. [Conti-MA]
- 1251 LIBYA Tripoli, APR 9 0105 AA news by man; slopped by CBGA (FF) -1250. [Connelly*R-MA]
- 1296 SPAIN COPE, Valencia, APR 9 0107 SS news, teletalk; over R. XL (UK) Hindi music. [Connelly*R-MA] APR 29 0045 Good; telephone talk in Spanish // 1215. [Conti-MA]
- 1341 NORTHERN IRELAND BBC R. Ulster, Lisnagarvey, APR 9 0000 BBC news in EE; over apparent AA station. [Connelly*R-MA]
- 1341 unID APR 8 2359 AA / African sounding music; mixed with BBC Northearn Ireland, covered by it at 0000 UTC. [Connelly*R-MA]
- 1359 SPAIN Arganda, APR 8 2357 SS talk; in CKBC slop. [Connelly*R-MA]
- 1395 ALBANIA Fllake, APR 3 0336 Very strong. Man and woman talking in Albanian, with mentions of Kosovo. [Dangerfield-PA]
- 1413 SPAIN RNE5 stations, APR 3 0351 Fair with Spanish music, male and female vocals. [Dangerfield-PA]
- 1422 GERMANY DeutschlandRadio, Heusweiler, APR 3 2313 man in GG; over probable Algeria.

 [Connelly*O-MA] APR 9 0115 classical music at low audio level on monster carrier. [Connelly*R-MA]
- 1458 ALBANIA RTV Shqiptar, Fllake, APR 3 2311 EE speech about Kosovo by an American official, translated by the newsman into a Slavic-sounding language; to strong peak over a slight background growl. [Connelly*O-MA] (see Station News under "Albania" below Jim)
- 1467 FRANCE TWR, Roumoules, APR 8 2219 EE talk by a US preacher promoted a booklet "This is Your Day", available to UK listeners who phoned the toll-free number 0800-092-6174. Huge local-like signal; about S9+40 (this was 20 dB better than adjacent WZOU-1470). [Connelly*R-MA]
- 1485 SPAÍN SER synchros, APR 3 2307 // 1575 with fast SS news by man & woman; fair. [Connelly*O-MA]
- 1502.63 unlD APR 8 2243 perhaps Togo drifted from 1502.4 or maybe something else: het, but not much audio. [Connelly*R-MA]
- 1503 IRAN IRIB, Bushehr, APR 8 2353 likely this with Middle East female vocal; poor. [Connelly*R-MA]
- 1503 SPAIN RNE5 synchros, APR 8 2242 // 1575 with bits of SS talk; poor. [Connelly*R-MA]
- 1512 GREECE Elleniki Radiophonia, Chania, APR 8 2350 female Greek folk vocal and lute (or similar instrument), // 981; over WNRB slop at times. [Connelly*R-MA] APR 28 2335 Tentative; peaking with Greek-sounding stereotypical music through WNRB-1510 slop, potential 1386 and 1494 parallel frequencies were quiet. [Conti-MA] (a nice log Jim)
- 1512 SAUDI ARABIA BSKSA, Jeddah, APR 9 0109 shrill male Koranic vocal; very loud, punching right past WNRB. [Connelly*R-MA]
- 512 BELGIUM Wolverton, APR 3 0322 Good with European type music and vocals by a man. [Dangerfield-PA]
- 1521 SAUDI ARABIA BSKSA, Duba, APR 3 2301 pop-style AA group vocal with marching-band type accompaniment; HUGE. [Connelly*O-MA] APR 8 2215 woman in AA; good. APR 8 2250

- Koranic male AA vocal; S9 + 40 dB ! [Connelly*R-MA]
- 1521 SPAIN SER, Castellon, APR 8 2309 // 1575 with SS newstalk; mixing with unID EE station (after Saudi sign-off); slopped by WGAM/WTHE/WWKB-1520. [Connelly*R-MA]
- 1521 unlD APR 8 2309 bits of British EE talk by man; slightly behind SER Spain (with Saudi off).

 Possibly a UK local or the central European (Czech / Slovak) stations that have been relaying BBC. [Connelly*R-MA]
- 1530 VATICAN CITY, APR 3 0312 Super signal and above WSAI with phasing. Man in Latin or Italian, Gregorian chant. [Dangerfield-PA] APR 9 0018 - xylophone jazz; over WSAI. [Connelly*R-MA]
- 1539 GERMANY Mainflingen, APR 3 0318 Very strong with man in GG and music by a choir. [Dangerfield-PA]
- 1548 KUWAIT VOA, Kuwait City, APR 8 2257 VOA EE commentary by woman rose over the British stations. At 2303 UTC, this was blasting in with VOA news; totally dominant. [Connelly*R-MA] APR 29 0025 Fair; man and woman in English, VOA News Now mention. [Conti-MA]
- 1548 UNITED KINGDOM unlD station, APR 8 2255 middle-of-the-road old pop hits including "Longer" by Dan Fogelberg, then British DJ; initially dominant, then covered up by VOA Kuwait. [Connelly*R-MA]
- 1550 ALGERIA RASD Clandestine, Tindouf, APR 8 2253 excellent (S9 + 30 dB) with AA dialect talk by man. [Connelly*O-MA]
- 1575 SPAIN SER synchros, APR 3 2303 // 1584 with woman doing news in SS; good. [Connelly*O-MA]
- 1583.6CEUTA RadiOlé, APR 3 2303 mellow SS male vocal; fair. [Connelly*O-MA] APR 28 2320 Good; pop music, on the low side of 1584 with a het against SER-Spain. [Conti-MA]
- 1584 SPAIN SER synchros, APR 3 2302 // 1575 with SS news by woman. [Connelly*O-MA]
- 1593 GERMANY Holzkirchen, APR 3 0328 Audio with difficulty due to local WPWA. Man in Slavic language. [Dangerfield-PA]
- 1602 SPAIN EI, Vitoria, APR 8 2300 slow SS news; over/under SER synchros. [Connelly*R-MA]
- 1602 SPAIN SER synchros, APR 8 2300 fast SS news // 1575, over/under EI Vitoria. [Connelly*R-MA]
- 1611 VATICAN CITY, APR 2 0421 Strong at sign on. Man in Italian followed by Gregorian chant... After April 3rd regular sign on will probably be at 0520. Doesn't warm up transmitter. [Dangerfield-PA]

Ben speaks: "TA reception continued pretty good all of last week, the week between Europe going on DST and our going on it, resulting in some early sign-ons as I suggested. The last 2 or 3 days seemed to favor the high part of the band around the 1500's with some very strong signals as most of the low end tapered off."

Mark speaks: 1 listened on the evening of 3 April and noted fairly good European reception at sunset (just after 2300 UTC), but a drop off in conditions later on. Of special interest was the likely move of Azores from 837 down to 836. Ben Dangerfield in PA has also noted this. Canaries on 837 was a good deal stronger than 836 this time around. I checked 846 hoping for a reappearance of South Africa, but Italy was very strong. Indeed the



Africans were at a deficit to Europeans: 765 had Switzerland and Senegal alternating at first, then a complete Swiss takeover. Thursday evening's outing to Granite Pier in Rockport, MA was a success on several levels. A BBL-1 Broadband Loop was run in the "K9AY" mode. A fairly good amount of cardioid pattern nulling was obtainable with the 6 ft. (1.8 m) per side square loop with one end of it connected to chassis ground through a Vactrol (voltage controlled resistor). With a cardioid pattern already somewhat established by the "mini-K9AY" antenna itself, phasing its output against the active whip gave an extraordinary amount of nulling: most New York City stations - usually obnoxious pests - were reduced below the strengths of adjacent Europeans! DX highlights included Israel-1206; Greece-981, 1179, & 1512; Egypt - 774, 819, & 864; tentative Iran-1503; plus the usual blasters from Kuwait and Saudi Arabia during a "power burst" of Levant / Middle East reception (DX times: 8 APR 2215 UTC to 9 APR 0115 UTC). Some signals came close to pinning the S-meter. Many Europeans were strong (Croatia-1134 trashing WBBR, etc.). On a drive home from Cape Cod on Saturday afternoon, I stopped at a good beach DXing site at the Powder Point Bridge in Duxbury, MA. Foreign DX was interesting: not much out of northern or eastern Europe, but very strong Spain and North Africa. All the usual stations from that area were loud; I'll have a complete report on the DX later. Morocco on 612 seems to be reactivated as I heard African drumming and shouting, then followed by more-Arabic-sounding music at 2350 UTC (17 APR). Brazilians on 760 and 690 were noted. Off-channel stuff: Azores is still on 836, Ceuta on 1583.62, RASD Algeria on 1550 (loud at 2235 through local WNTN), and tentative Angola on 1502.0. Caribbean splits 555, 705, and 895 started showing up a bit after sunset as I was getting

ready to leave: the signal levels of these weren't that impressive."

Ben speaks: "I read the report from Gary in Albany who doesn't get TAs and thinks maybe it's because he's on a river valley. I live a couple of miles from the Delaware River [that also flows into the Atlantic] and have logged hundreds of TAs over the years." (Keep trying Gary! - Jim)

PAN-AMERICAN DX

- 540 MEXICO XEWA San Luis Potosí, APR 4 0827-0902 LA pop music, RAN, fair, unlDSS interference. [Trelford-JAM]
- 550 MEXICO XEPL Cd. Cuahtemoc CHIH, MAY 3 0600 very low under already very weak KLLV, giving ID at 0600. KOY/KGME was off. [Danneskjold-AZ]
- 600 CUBA CMHV R. Rebelde, Urbano Noris, APR 18 0158 fair to good over domestics with SS language vocals // 5025 kHz, into talk by man at 0203, then two men talking with music playing in background. [Sorensen-ON]
- 650 MEXICO XETNT Los Mochis SIN, MAY 3 0513 playing a slow song. [Danneskjold-AZ]
- 690 ANGUILLA Caribbean Beacon, APR 9 0627 The usual methodical preaching by Dr. Gene Scott, saying that he'll finish telling a particular story only if you "pick up the phone right now"



and make a donation. At 0629, a female announcer came on mentioning the phone numbers, "To help Dr. Gene Scott..." with mentions of "The Caribbean Beacon." Then back to Dr. Scott at 0630. Mostly atop probable Radio Progreso, then gone by 0640. First time noted on this frequency, previously heard and verified on 1610. [Galerstein-NJ] (With CBF off the air, and this station now getting out much better, it may be a chance for DXers to pick up a new country, but do it fast because a new station in Montreal is scheduled to reestablish this frequency - Jim) APR 28 0050 - Fair; Dr. Gene Scott, jazz instrumental, several mentions of phone number, / KAIJ 5810 SW. MAY 2 0140 - Good; Rose Royce's "Car Wash" / KAIJ 5810, no sign of Cuba or Colombia. [Conti-NH]

- 690 COLOMBIA R.Recuerdos, Bogotá APR 18 0035 Fair; usual melancholic rancheras and time checks, alone on the frequency. MAY 1 0058 Heard Caracol fanfare under Anguilla, assumed to be R.Recuerdos, the only station from Colombia on 690 according to WRTH. [Conti-NH]
- 700 VENEZUELA R. Sur, YVPQ, Puerto Ordaz, APR 9 0049 ID "R. Sur Siete Ciento", segment of music, then SS talk about elections; dominant. [Connelly*R-MA]
- 700 JAMAICA RJR Montego Bay APR 18 0045 Fair; high energy soca // 720. [Conti-NH]
- 20 VENEZUELA R.Oriente, Porlamar MAY 1 0200 Poor; ID and "La liga..." promo through WGN with CHTN nulled out, also heard a preacher in Spanish but not sure if it was this or another station. [Conti-NH]
- 770 MEXICO XEFTA Los Mochis, SIN, no date 1233 ID "Siete-Setenta, Los Mochis". [Danneskjold-AZ]
- 820 MEXICO XEUDO Los Mochis, SIN, no date 1251 playing old romantic music from the 40s with lots of harmony. Very pleasant and easy to listen to. ID at 1258 "Ocho-Veinte, Musica Romantica". [Danneskjold-AZ]
- 820 USA WZTM, Largo, FL an avoidance alert for Latin American DX seekers. Noted this before 1600 UTC April 30 with usual English "The Team" sports talk format in advance of the planned format change (resulting from the Clear Channel/Jacor sale to Mega), recheck 0030, running looped Spanish "la Nueva Mega" promo over Latin hot music bed and accented male "This is WZTM Largo-Tampa" followed by English man promoting "Monday" (May 3) debut of the (formerly 820) format on "Sports Radio 1010 The Team" (WQYK). No trace of 760 WBDN (Megaowned) tonight, which—for a few weeks now—been running their Spanish format parallel 96.1 MHz WBDN-FM, Dade City (and 96.1 Mhz was active with live Spanish format, not parallel the WZTM looping junk tonight). [Krueger-FL]
- 830 MEXICO XEVQ Culiacan/Navolato, SIN, APR 29 0309 with woman announcer playing romantic music. Fade out 0318. [Danneskjold-AZ]
- 860 COLOMBIA HJNJ Valledupar, APR 13 0043-0100 talk show, Colombia mentioned., fair. [Trelford-JAM]
- 880 MEXICO XETC Torreón CHIH, no time or date lots of ads about news, lDs as Radio Mayran and announcing that they are in Stereo. [Danneskjold-AZ]
- 920 DOMINICAN REPUBLIC HIBA Santo Domingo, APR 13 0830-0930 RAN type music, ID as "Radio Naclletta stereo fair, interference from WGNU. [Trelford-JAM]
- 940 MEXICO XENV Mexicali, BN, APR 29 0307 with slogan "Fiesta Mexicana" playing nice music. [Danneskjold-AZ]
- 950 MEXICO XEPB Hermosillo, SON, no date 1338 ID "Radio Amor" with romantic music. An-

- tenna Switch at 1359, signal lost. APR 29 0305 with legal ID "Radio Amor, XEPB. Transmitiendo con diez mil watts de potencia." VERY overmodulated. [Danneskjold-AZ]
- MEXICO XEJ Ciudad Juarez, CHIH, APR 28 0400 with full legal top of hour ID: "XEJ Ciudad Juarez, Chihuahua, Mexico. La Jota Mexicana con diez mil watts de potencia". [Danneskjold-AZ]
- 1070 MEXICO XEIT Ciudad Carmen, APR 17 0157-0203 dramatic play, man and woman and into music, ID as "XEIT", fair. [Trelford-JAM]
- DOMINICAN REPUBLIC HIRL Santiago, APR 18 0820-0830 News and talk, ID as Cadena Nacional, fair. [Trelford-JAM]
- MEXICO XEMR Monterrey, APR 18 0838-0854 LA pop "romantica", fair, interference frm WQBA [Trelford-JAM]
- ST. PIERRE ET MIQUELON RFO, APR 3 2314 huge signal with FF folk female vocal. [Connelly*O-MA] APR 8 2220 - classical music; very good on pre-sunset reception. [Connelly*R-MA]
- 1460 COLOMBIA HJVH Barranquilla, APR 28 0735-0835 LA pop music, RAN, singing ID as "Radio Uno", fair, almost in clear. [Trelford-JAM]
- 1460 PUERTO RICO WLRP San Sebastien, MAR 26 0222-0230 LA pop RAN music, Uno network, ID as "Radio Uno", fair, almost in clear. [Trelford-[AM]
- 1470 MEXICO XERCN Tijuana, BN, APR 27 0437 tentative with "Catorce Setenta, La Caliente" playing Mexican dance music. [Danneskjold-AZ]
- MEXICO XEXOO El Oro, MAR 31 0208-0227 LA pop music, mostly RAN, ID as "Radio De Oro", poor, interference from Radio Sol, Colombia. [Trelford-JAM]
- 1560 MEXICO XEJPV Zaragosa CHIH, APR 27 0408 Man talking under KNZR. [Danneskjold-AZ]
- 1590 MEXICO XEVOZ Mexico City, APR 2 0210-0241 variety of pop music, ID as "Bonita", fair. [Trelford-IAM]

Bob speaks: "Long time member Bob Galerstein (since 1974) here with my first ever IDXD contribution! I've submitted various items over the years to DX News, most notably to Pro Sports Nets, but never had much of an international DX bug until the last few years, fueled mostly be reading your column. My sporadic DX'ing and IDXD-type loggings are very garden variety, hence my lack of participation. But, if everyone contributed one or two of these per month, you'd be quite a busy person. Incidentally, I do thoroughly enjoy your personal stories leading off some columns and the others' submissions, especially Mark Connelly's tireless Hall of Fame loggings."

Morris speaks: "This is probably the last trip to Coe Hill this season as the site is not available during the summer."

Bruce speaks: "Latin American DX was essentially shut down by the end of April. Normally strong signals from Colombia, Cuba, and Venezuela disappeared, leaving U.S. clear channels in the clear. Stations such as WSM-650, WSB-750, and KYW-1060 which are usually plagued by Latin American interference have been noted with exceptionally clear signals. Considering that not more than a month ago, and throughout the DX season, Cuba was dominant on many frequencies, it would be interesting to learn what caused such a dramatic change in propagation conditions."

STATION NEWS

- AUSTRIA: ORF announced that as from coming Monday (28 April) the MW-1476 KHz and SW 5945 KHz will carry a programm intended for all Kosovan's. Language support English, German, Serbian/Croatian and Albanian. For this purpose the 1476 KHz transmitter will use "increased power". Times between 17.00 and 02.00 local / 15.00 - 24.00 UTC. Existing MW programs will be cancelled in favour of this programm. [ORF Television news; 21 April / ZIB2, via Franz and the British DX Club in Medium Wave News e-mail]
- CHINA: Donfang 800 kW RFI in FF 1300-1400 to southern part of Vietnam according to RFI printed schedule. The site is located on westernmost tip of Hainan Island, South China, with open water towards Vietnam and the Philippines. [Uwe Vol-D via LR/MW-EKO in Medium Wave News APR 99]
- FRANCE: UNID transmitter with Radio France Internationale heard this morning on 1080 kHz (April 14, 0320-0510... UTC). Fair signal. Does anybody know more? Thanks. [Karel Honzik, the Czech Republic via hard-core-dx] I think this transmitter is located in Villebon/ Romainville-Paris, last year used by Radio Latina during world soccer 98 games. I have a QSL of Radio Latina. [Ruud Vos Utrecht, Holland in hard-core-dx]
- GERMANY: Mega Radio 1575 from Burg was scheduled to start in January. Power 200 kW nighttime and 500 kW day-



time. [Play-DX #1006 in Medium Wave News APR 99]

ICELAND: RUV has been hoping that the new east-west long wave stations (189 and 207 kHz) will merge their service areas to a greater extent than the old east-west longwave stations did, so that the 666 and 738 kHz south and north gap filler may be closed down. However the firm and final decision has yet to be made and the stations are still on the air and will be until such a decision is made. This decision will probably be made as soon as possible this year as actual comparative propagation evaluation is available. It is possible that a new station might be necessary in the southern gat, to the west of the present 666 kHz site. Again this has yet to be determined. [Kristjan Benediksson, RUV Transmission Network via BE in Medium Wave News APR 991

IRELAND: 828/963 Radio Na Gaeltachta has closed down these two frequencies. Only 540 kHz is on the air. [BE via MV EKO in Medium Wave News APR 99]

ISLE OF MAN: Check out the new site from the Isle of Man soon to be transmitting on 279 Khz http:/ /www.longwaveradio.com/ [Medium Wave Circle e-mail]

MEXICO: Semi-local XESS-1450 is now "14-50 AM, La Fuerza de la Palabra". They relay XEDA-1290 Mexico City at least part of the time, which is "R. Trece, La Fuerza de la Palabra". [Tim Hall, Chula Vista CA via amfmtvdx@qth.net]

NETHERLANDS: Finally one of the new private Dutch medium wave stations are due to hit the

airwaves. Max AM is scheduled to commence broadcasting late April or early May 1999 on the frequency of 1557 kHz with a power of 2.5 kW. Perhaps only 1 kW in the beginning. Format will be all news and there will a daily English broadcast is planned - probably at 1800-1900 hrs local time. The transmitter site will be somewhere near Amsterdam. [Stig Hartvig Nielsen, Denmark, via hard-core-DX] Radio 10 Gold (675 kHz) is thinking of giving up its medium wave frequency. Main reason would be lack of listeners, especially due to the fact that most people who used to listen to them on 675 kHz, have turned to the FM frequencies. Whereas at the beginning 40% listened to MW, this



number has now dropped to 4%. As it costs them 2.4 million Guilders per year, Wegener/ Arcade (the owners) estimates the MW broadcasts will end in three months' time. No worries for the Dutch listeners, but the foreign listeners will surely be sad about this. Dutch public broadcaster NOS has asked the Dutch media minister whether it is possible to get a 5th FM network. In return they would give up their Medium Wave frequencies (used now by Radio 1 and 5). Source: Radiovisie [Medium Wave Circle e-mail]

NORWAY: In mid May the work at the new NRK 675 kHz transmitter at Rost will be finalized, and the new transmitter will be put into opeeration. Frequency is the same as the old Bodo transmitter, which will be closed down. Power will remain at 10 kW, although the new site is capable of running up to 20 kW. The new transmitter combined with an excellent location almost sitting in seawater should improve the signal compared to the old situation. Following an initative by the DX-Listeners' Club in Norway it seems likely that the switch from the old Bodo transmitter to this new facility will be marked through exclusive transmission on this frequency. We have suggested to NRK as the programme provider and Norkring as the tecnical operator of the transmitters, that a special broadcast should be made on the last night Bodo is in operation, and the first day of broadcast from Rost. The decision on the extent of special programmes still is not made, but what CAN be said is that it is very likely that the event will be marked in some way. According to the current workplan, Rost will be put into service on May 14th, but with possibility of a couple of days plus/minus. Closer to the actual transition date, we will carry specific details on our web-page http://www.dxlc.com/ as to exact dates, times and extent of the special broadcast(s). Reception reports will be most welcome, details will be available on our web-page. Follow-up report: Press release from DX-Listeners' Club, Norway: "A special broadcast is scheduled to take place on 675 kHz on Wednesday May 12th 1999 between 2000 and 2400 hours UTC. The transmission will be carried from the new Norwegian AM-site at Röst in Northern Norway, replacing the old transmitter on same frequency located in Bodö. If everything goes well, the transmitter will be put on air during daytime on May 12th. At this time Bodö will be shut down. Röst will carry the normal programme ("Europakanalen" in parallell to for instance 1314 kHz Kvitsöy) until 2000 UTC when a special prerecorded programme will be aired exclusively from Röst until midnight when "Europakanalen" will be switched back. The timeslot should give grey-zone propagation possibilities for northern Europe, so even if the dutch Radio Ten Gold transmits on the same frequency, some long distance DX could be possible. Remember also that this new site is far better than Bodö, regarding location. Röst

is way out into the Atlantic Ocean, with lots of seawater all around, and a brand new transmitter. Up to date info will be available at http://www.dxlc.com/ in a few days time, reporting on the progress and possible late changes. Please spread this news, in order to give as many DX-ers as possible a chance to get an exclusive verification of this new Röst transmittersite. [Bernt Erfjord, DX-Listeners' Club via Medium Wave Circle e-mail]

RUSSIA: Medium Wave stations in Vladivostok: 234 R. Rossii, 234 RS Tikhiy Okean, 234 R. Vladivostok, 549 RS Mayak, 612 R. VBC (24 hrs), 684 R. Nakhodka (20-14 local program), 738 Russkoye R., 783 R. Lemma (21-14), 810 R. Rossii, 810, RS Tikhiy Okean, R. Vladivostok, 1098 Nezavisimoye Vladivostok (20-16), 1377 R. Yunost (24 hrs), 1476 Studia O'K (21-12), 1503 R. Ussuriysk (20-14), 1575 R. Evropa Pluys. [Anton Chistyakov/ I Zhurkin in MediDX #48]

SERBIA/NATO: This morning 12 April at 0900 UTC I've an unid station in slavic language on 1003 kHz. Weak and interfered by my local RAI outlet on adjacent 999, but it could be the NATO station in former Yugoslavia reported by Mike Barraclough. I'm just on the other side of the Adriatic Sea from Yugoslavia. More to follow when I can get an ID. [Fabrizio Magrone, Italy, email] I have been trying for this station at around midnight UTC (no signal) and around 2000 UTC on the next day, but no signal again nor a piece of carrier to be heard. My distance is ca. 1000 km from the border of Macedonia where probably the transmitter is located (?). Fabrio's distance of ca. 600 km gives him better conditions to hear the ID and possible on-air times for which I am already looking forward. [Karel Honzik, the Czech Republic via Medium Wave Circle e-mail] Unluckily I hadn't the time to check again on ornings; no trace of the station in the evenings and early mornings, so probably it's a daytimer only. Will try it again this weekend. [Fabrizio Magrone via e-mail] Daily here in Salzburg around 09-11 UT with S=5/7 signal! There are no other transmissions! [Christoph Ratzer in Medium Wave Circle e-mail] Yes, it is a NATO station and it is transmitted from a fleet of US Air Force planes normally based in Pennsylvania. [Rémy F. in Medium Wave Circle e-mail] The NATO station on 1003 is still active; but I noticed it in the morning only. Yesterday, April 17, I logged it at 1100 UTC; later, at 1140, it was off the air. Today, April 18 (Sunday), nothing during the whole morning; maybe due to today's very bad weather, if it's really an airborne transmitter as it has been said. [Medium Wave Circle e-mail] In support of Operation Allied Force, elements of the Pennsylvania Air National Guard's 193rd Special Operations Wing have deployed to Germany. Two of the unit's "Commando Solo" aircraft left Harrisburg International Airport Saturday night [March 27], along with one support aircraft. Additional personnel and equipment will depart in a military airlift later this week. In all, approximately 100 members of the 193rd will take part in the mission. The "Commando Solo," which the 193rd flies, is a specially modified EC-130 turboprop aircraft. It serves as an airborne broadcasting platform, transmitting messages over radio and television frequencies. Previous deployments have been carried out in support of the Persian Gulf War and during operations in Haiti and Bosnia. [Steven Thomma and Richard Parker, of Knight Ridder, Washington, in Harrisburg Patriot-News March 29 via P-mail from Brian Alexander, in WORLD OF RADIO 984/ Glenn Hauser SHORTWAVE/DX REPORT 99-17, April 9] Radio station called "Allied Voice" broadcasts in Serbian from airplane on 1003 kHz, 3 FM frequencies and 1 TV channel (21) for people of Serbia, Yugoslavia. The plane flies 6000 m (18000 ft) high and the MW transmitter has 10 kW. I heard the station for the first time yesterday, April 25, between 1000-1320 UTC sign off. My location is Plzen (Pilsen), 90 km SW from Prague. Yesterday I had a poor signal here in our house, in the middle of all that noise of bigger town (170 000 people). Today (April 26) I took my car, a Lowe HF-150 receiver and 50 m of wire and drove to the edge of the city. The noise was as strong as in our house so I drove on, some 10 km north to the area of small villages and forests. When I connected the wire to my receiver, I could not believe my ears, the signal was so good. I have been listening for more than 1 hour untill the sign off at exactly 1400 UTC. According to my observations, Allied Voice (Zayednichki Glas) is on the air daily for 3-4 hours (April 25: 1000-1320; April 26: 1030-1400 UTC). The program consists of Anglo-American pop and rock with short comments (2-4 minutes) every ca. 15 minutes. The station ID is (in Serbian) "Allied Voice", "Allied Voice of NATO", "Radiostation of NATO forces" and similar modifications. Anti-Miloshevich comments and propaganda are read by men and women with a strong American accent (!). It seems they are Serbs living in the US already for many years. The signal is technically quite OK, propagation from airplane flying so high above the ground is excellent, the signal has no fading at all (it is early afternoon of our local time!). Although it has only 10 kW, its level was practically the same as the one of Hrvatski Radio on 1134 kHz (600 kW). The signal of Belgrade on 684 kHz (2000 kW,

dio on 1134 kHz (600 kW). The signal of Belgrade on 684 kHz (2000 kW, now maybe less) was poor with long and deep fadings. My location is ca. 1000 km from Belgrade. I think that it is possible to hear the signal up to 1500 km from Serbia. Leave your town with a portable - (or car-) receiver



and a roll of wire and it is very probable that you will hear it (untill it is too late). After all the transmissions are a bit funny. I think that accented speeches and strong propaganda contents will hardly find massive audience, especially in Serbia where people are now very sensitive of everything what is comming from NATO countries that are destroying their country. It reminds me the time in August 1968 when 5 countries of the Warsaw Pact occupied our country (the Czech Republic). Immediately after their entry the clandestine station called VLTAVA went on the air from Dresden, East Germany. Strong accent of German speakers and communist propaganda did not find their listeners and the station remained only a source of jokes ... [Karel Honzik, Czech Republic, in Medium Wave News e-mail]

SERBIA (more): Banned Radio B92 from Yugoslavia still live on the Web - Following the government closing of its radio operations last week, Belgrade, Yugoslavia-based Radio B92 has relied on the Internet to provide independent news on the Yugoslavia-NATO conflict. Radio B92 was shut down by officials with the Yugoslav Federal Telecommunications Ministry on March 24, on charges that the station's broadcast was exceeding the allowed power level of 300 watts. But the radio station's audio (in Serbo-Croat and English) and video Web broadcasts, as well as text documents — found at www.b92.net — continue to feed information about conditions in Yugoslavia to anyone with a Web browser. Radio B92's ISP is OpenNet. With a banner across the top of the site reading "Banned Radio 92 Still Live on the Web," Radio B92's headlines include uncensored information about events such as diplomatic meetings between Yugoslav president Slobodan Milosevic and Kosovo Albanian leader Ibrahim Rugova, downed NATO aircrafts, and damage levels in bombed regions of Kosovo. [copied from update@winfiles.com via Dave on Medium Wave Circle e-mail]

SERBIA (more): A correspondent of mine wrote those broadcasts to the Serbs are on 87.9 — not heard yet, and 106.4, and to hear it better she tunes to 106.5. There's another broadcast from a mountain site on 106.5. She says she's heard that in 4-6 weeks a "network" of FM stations from sites in surrounding nations will be on the air, 24 hours. Construction is underway. Interesting; since FM is going to be tough out to the mountains and can be easily jammed. My friend says FM is

very, very popular in Sebia and like in the USA, AM isn't too popular. Many people in the reigon have SW; they reluctantly tune in AM; FM is the trend. The affluent 10-12% or so have a satellite dish, usually hidden from view— put out at night and hidden during the day. There's fear of confiscation and problems. CNN is a popular view but only about half with dishes watch it regularly. One female correspondent isn't too popular with some. Sports is very popular with basketball a



hit. There's some NASCAR interest and baseball is a curiosity. Takes their mind off the woes they're undergoing. BKB was missed during the strike and car racing before NATO action started was a major interest. Allegedly there's some electromagnetic jamming causing problems with domestic radio, TV, electrical power, appliance use. I understand domestic radio and TV installations which are tied in with the military comms are now fair game to air strikes by NATO. A US military honcho said in a prepared statement to a reporter's question that they'd like to take out the Serbian radio and TV studios and transmission sites in order to disrupt *their* one-sided reports, lies and propaganda. There's an email URL [http://www.anonymizer.com] around where people in the affected areas can file reports without fear of having it traced back to them. They're encouraged to openly speak out on how they're being hampered, what they've experienced, damage reports, what aid is needed, etc. [Bob Thomas, CT, April 12, REVIEW OF INTER-NATIONAL BROADCASTING e-mail] Several transmitter sites were destroyed last night (April 22/23) in Serbia by NATO bombs. Transmitter Beograd-1 (684 kHz) suddenly lost its modulation in the middle of news at 0006 UTC (April 23). There was only a carrier and noise. The noise surprisingly affected also the adjacent channels and there were absolutely no signals audible on 675 kHz (Radio 10 Gold, Holland) and 693 kHz (BBC), both usually very strong here in the night. At 0032 the Beograd transmitter was switched off and the stations on 675 a 693 kHz returned loud and clear. In the morning the transmitter was back with its usual signal level. These times correspond with Radio Beograd's announcement (in the morning news) about bomb attacks on the center of Belgrade that started at 2:06 am local time. Radio Free Europe Serbian program seems to be on the air for the whole night on 1458 kHz from Tirana, Albania. It is the transmitter which produces terrible intermodulations on 1413 and 1503 kHz. By the way - this transmitter was donated by China some 20 years ago during the crisis between China and Soviet Union. It has been rebroadcasting Radio Peking's programs for Europe. Later, when another crises occured (this time between China and Albania), the government in Tirana announced that the transmitter will be given at disposal to the "heroic Vietnamese nation" for rebroadcasts of Vietnam foreign service to Europe. But it never happened and Tirana was using the transmitter for its own foreign service. [Karel Honzik, Czech Republic vis Medium Wave Circle e-mail] And the latest info from Karel, as of MAY 2, 2100 UTC: No radio stations seem to be on the air in Serbia after the electricity breakdown at around 1930 UTC caused by NATO bombing. Radio Novi Sad (1107 kHz) relays Radio Zrenjanin (Vojvodina). Continuous pop instrumentals with occasional announcements saying that there is no water nor gas available in the city at the moment. The systems will be open from 11:30 pm to 12:30 am and from 5:30 am to 7:00 am. Radio Crne Gore (Montenegro - Jim) on 1503 kHz is on the air. [Karel Honzik via Medium Wave Circle e-mail] (see additional reports below on this subject - Jim)

SPAIN: Spanish MW real audio links: "www,cadenaser.es", "www,cope.es", "www.rne.es", "www.com-radio.com", "www.ondacero.es". [Brunet in Play-DX via TL in ARC MAR 22 1999]

CONTRIBUTORS

@Mark Connelly, WAIION, Dxing from Orleans MA ["O"], and Rockport MA ["R"]; Drake R8A, Antenna systems: Orleans - 30 m northeast wire on beach phased against APW-1 active whip; Rockport - BBL-1 loop in "K9AY" cardioid mode phased against APW-1 whip; both sites - DXP-1 phasing unit-mail <WAIION@ix.netcom.com>

@Bruce Conti, Nashua NH; R8B, MWDX-5 L-C tank phasing unit, 30-m east sloper and 30-m wire noise reduced via 4:1 xfmrs and buried coax lead-ins, and DXing from Granite Pier, Rockport MA; R8A, DCP-2 delay line phasing unit with RL-1/ferrite loop and RW-1/whip.

@Ben Dangerfield, Wallingford, Pa. R8A, 3 slopers, MFJ 1026 phaser.

@Ragnar Danneskjold, Mesa AZ; Realistic DX 440 barefoot, also a Kenwood R-1000 and modified zepp antenna, Optimus 12-604A.

@Bob Galerstein WB2VGD, Maywood NJ; Drake R8A, Kiwa loop @Terry L. Krueger, Clearwater FL

Morris Sorensen, Dxing from Coe Hill ON (near Bancroft), Drake R8, 500 ft. longwire.

@Don Trelford, St. Ann's Bay, JAMAICA; Kenwood R 2000, 1-w NS - EW.

BALKAN MEDIUM WAVE NOTES Mark Connelly, WA1ION, Cape Cod, MA

With all that's going on in central Europe, this is the time to monitor both what broadcasters are saying and how military actions are affecting the entire layout of the dial: some stations boosted in power and schedule to spread propaganda, other facilities knocked off the air, etc. For US DXers, Granite Pier in Rockport, MA offers the one of the best vantage points for intercepting incoming signals from across the Atlantic. Here's a survey of the frequencies on Christoph Ratzer's Balkans list, from here in eastern Massachusetts, USA at typical peak European reception time (presently 2230 to 0100 UTC):



103 FM 1539 KTU

Информация

Музыка

Реклама

- 558 Spain dominates, not a really strong signal; WGAN-560 splash
- 594 Portugal over Morocco; rarely Germany
- 612 Ireland and Spain. Morocco used to dominate strongly, but it's been inactive.
- 648 Usually Spain, rarely Gambia or Saudi Arabia
- 684 Beograd is occasionally noted, but it's Spain 90% of the time and a good deal of WRKO-680 splash
- 774 Spain over Egypt (and rarely Morocco)
- 810 Spain is the dominant European. Usually 810 is domestics WGY and CJVA, as well as signals from Colombia, Puerto Rico, the Bahamas, and Brazil.
- 837 Canary Islands / Spain synchros. rule here. See prior note about co-channel Azores probably sliding back down to 836.
- 882 COPE Canary Islands and BBC UK take turns dominating this channel.
- 918 Spain dominates; Syria sometimes creeps in underneath
- 1107 Spain is very strong here with Egypt occasionally behind
- 1125 Croatia is noted (// 1134), but Spain is more common. Madeira Islands occasionally noted also
- 1134 Croatia and Spain alternate. Both are often strong. WBBR-1130 can be substantially reduced with cardioid antenna array (loop phased against vertical whip)
- 1350 Europeans are seldom noted on this channel. CKAD-NS, WGPL-VA, and WOYK-PA alternate dominance.
- 1395 Albania occasionally noted, though not too strong lately.
- 1413 Spain prevails here.
- 1458 Albania has become rather strong here lately. It had a very good signal two nights ago around

sunset at Nauset Beach, Orleans, MA. News had American officials speaking in English about Kosovo. The announcer then translated the talk into an eastern European language. Has this boosted power? There was a background growl from a station on a slightly different frequency.



Nothing very strong on this channel. Low-power Spain, AFN Azores, Iran, and a few others are occasionally noted. Near the channel are Angola-1502 and Togo-1502.4.

WNRB-1510 chops up 1503 and 1512 with hard-to-null slop.

And as a follow-up to Mark's report, here is a Balkans review from Per Ole Stenman in Finland, dated APR 24-25:

684: This night Beograd-1 was broadcasting all the time //Radio Novi Sad-1269 and Radio Prishtina. They mentioned the names of radio/TV workers who died in the Nato atack and asked for telegrammes expressing solidarity. They also got it from neighbouring Croatia/Bosnia-Hercegovine/Macedonia and something Italienski redakcija. Program seemed to some extent to be prerecorded.

981.03 kHz found this station at 0020 then it was relaying Radio Televizija Serbia, over to nonstop musik, at 0100 I was surprized to hear a clear ID from "Hrvatski Radio-1" when starting the news, and yes, it was // with 1134, could not hear 1143 kHz.

1026 was relaying Beograd-1 all the night. Last Saturday I heard Radio Kragujevac here with frequent IDs+frequency announcements for AM&FM.

1062 was relaying Beograd-1 without local announcement. First time I notice this one in Jakobstad. 1089 relaying Beograd-1 only

1350 could not hear Studio B, so probably off, only Greek station on 1349.95 kHz.

1368 Radio Valjevo-2 has started a second program on this medium wave transmitter. Relaying Beograd
-1 2200-2252 UTC, but after this very locally produced live program. Also reports from other

parts of Serbia, at 23.59 from Radio Nis mentioning bombing, and later on from Radio Sapca. 1467 relaying Beograd-1 and with very overmodulated transmitter

1503 could not hear this station either, last time I heard Beograd 202 it was relaying 684 only. 1602 station with local program in serbo-croatian language but no Ids.

Per-Ole uses an NRD-535 and 525, antenna 500 meter deep south and 1100 meter SSE [via hard-core-dx e-mail].



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Network listings for team sports stations

Here are 16 National Basketball Association (NBA) network lists. All came from Media Guides via Bob

Galerstein. ++" signifies					J111 111CG	ia Gaiacs via i
Atlanta Hawks 1998/99	750	WSB -GA *		WGAD-AL	92.1	WKUL-AL
Steve Holman	860	WDMG-GA	1390	WI-IMA-AL	93.1	WFRN-GA
540 WDAK-GA	900	WEAS-GA		WCOH-GA	96.5	WNML-GA
550 WDUN-GA	1230	WBLI-GA		WLAQ-GA	96.7	WMKI-GA
620 WTRP-GA	1240	WGGA-GA		WBHF-GA	99.5	WDMG-GA
690 WJOX-AL	1240	WWNS-GA	1430	WKEU-GA	101.3	WAGF-AL
710 WNTM-AL	1340	WBBT-GA	1480	WRDW-GA	101.5	WYYU-GA
740 WMSP-AL	1340	WGAU-GA	1600	WNML-GA	104.5	WIFO-GA
740 WWSF-AL		WGAU-GA	1000	WINNIL-GA	105.5	WIFO-GA
Charlotte Hornets 1998/	730	WOHS-NC	1250	WBRM-NC	1450	WATA-NC
99 Bob Licht, Mike		WPAL-SC	1280	WSAT-NC		WGNC-NC
Gminski, Gil	900	WAYN-NC	1290	WHKY-NC		WKZQ-SC
McGregor	1010	WMEV-VA	1320	WISW-SC	1490	WAZZ-NC
570 WWNC-NC	1050	WLON-NC	1340			WOPI-TN a
590 WCAB-NC	1110	WBT -NC *	1350	WLMA-SC	1590	WCSL-NC
600 WSJS-NC	1200	WSML-NC	1400		-0,0	WKTP-TN
620 WDNC-NC	1230	WCBT-NC		WKPT-TN	100.9	WIFM-NC
630 WMFD-NC	1240	WINC-NC	1410	WPCC-SC	104.9	WCCP-SC
666 WW.B.14C	1210	rijite ite	1110	W cc sc	101.7	weer se
Chicago Bulls 1998/99	1230	WHCO-IL	1440	WROK-IL	98.1	WIBN-IL
Neil Funk, Derrick	1240	WEBQ-IL	1470	WQSN-MI	98.3	WBYS-IL
Dickey		WTAX-IL	1490	WZOE-IL		WJCK-ILb
590 KFNS-MO	1250	WIZZ-IL	1520	KRHW-MO	102.3	WEBQ-IL
640 WMFN-MI	1320	WKAN-IL	1550	KAPE-MO		WRHL-IL
880 WINU-IL	1350	KRNT-IA	1570	WFRL-IL		WTAZ-IL
920 WMOK-IL	1360	WLBK-IL	1590	WPCO-IL	102.5	WHHK-IL
1000 WMVP-IL*	1370	WVAX-IL	95.1	WZZT-IL	104.9	WGEN-IL
1050 WDZ -IL	1400	WDWS-IL	95.3	KOKX-IA	105.1	WGEM-IL
1060 WRHL-IL		WGIL-IL	95.7	WLRX-IN f	105.5	
1170 KJOC-IA	1410	WTIM-IL	96.7	WCOE-IN	106.7	WBLZ-IL
WLBH-IL	1440	WGEM-IL	96.9	WLBH-IL	107.1	WSPY-IL
Cleveland Cavaliers	1310	WDPN-OH	1490	WMRN-OH	96. 7	WCSM-OH
1998/99 Joe Tait, Mike	1390	WRTK-OH	157 0	WANR-OH	98. 7	WYXZ-OH
Snyder	1450	WJER-OH	1590	WAKR-OH	104.5	WQKT-OH
930 WEOL-OH		WLEC-OH	92.7	WQEL-OH	107.1	WDOH-OH
9 7 0 WFUN-OH	1480	WHBC-OH	95.3	WLKR-OH	107.3	WYBZ-OH
1100 WTAM-OH *						
D N 1008/	740	KTTAIK CO	1010	VCID CO	1450	MBEC CD
Denver Nuggets 1998/	740	KTWK-CO	1010	KSIR-CO	1450	KBFS-SD
99 Jerry Schemmel	920	KLMR-CO	1210	KLDI-WY	1480	KRAE-WY
590 KCSJ-CO	950	KKFN-CO *	1310	KFKA-CO	1490	KBSR-MT
600 KIIX-CO	960	KNEB-NE	1400	KCOW-NE	103.1	KYDT-WY
Indiana Pacers 1998/99	1250	WGL -IN	1480	WTHI-IN	103.9	WIMC-IN
Mark Boyle, Bob	1330	WTRE-IN	1550	WCVL-IN	200.5	WRBI-IN
Leonard	1340	WBIW-IN	2000	WMDH-IN	104.9	
860 WGOM-IN	-510	WXFN-IN	92.7	WZBD-IN		WWBL-IN
930 WHON-IN	1350	WIOU-IN	94.3	WREB-IN	107.1	WSYW-IN
1070 WIBC-IN *	1370	WGCL-IN	95.3	WNDI-IN	107.7	
1230 WSAL-IN	1410	WAZY-IN	95.7	WLRX-IN f	10,.,	
1240 WHBU-IN		WPGW-IN	100.1	WFLQ-IN		
1210 111100 114	1110		100.1			

						27
Los Angeles Lakers 1998/99 Chick Hearn, Stu Lantz, Fernando Gonzales (SS), Jose Pepe" Mantilla (SS)	570 1230 1240 1300	KLAC-CA* KXO-CA KYVA-NM KSMA-CA KYNO-CA	1330 1350 1380 1400 1460	KWKW-CAS KBID-CA KKHJ-CA KKJL-CA KENO-NV	5s* 1490 1510 1520	KMET-CA KMSL-CA KTRO-CA
Miami Heat 1998/99 Ed Pinckney, Mike Inglis, Jose Paneda (SS)	610 830 960	WIOD-FL * WACC-FL *S WLUS-FL	1300 1320 1600	WFFG-FL WAMR-FL d WPOM-FL		
Milwaukee Bucks 1998/ 99 Ted Davis, Dennis Krause (home games) 550 WSAU-WI 570 WMAM-WI 590 WJMS-MI 620 WTMJ-WI* 960 WTCH-WI	980 1010 1070 1150 1230 1240	WPRE-WI WSPT-WI WTSO-WI WHBY-WI WCLO-WI WOBT-WI WOMT-WI WEKZ-WI	1330 1350 1400 1440 1450	WHBL-WI WPDR-WI WATW-WI WBIZ-WI WRDB-WI WNFL-WI KFIZ-WI WDLB-WI	1570 92.7 94.3 95.1 105.3 106.3	WKBH-WI WDUX-WI WPRE-WI WLST-WI WRLO-WI WEVR-WI
M i n n e s o t a Timberwolves 1998/99 ++ 610 KDAL-MN 650 WKKQ-MN 790 KFGO-ND 860 KNUJ-MN 920 KDHL-MN 930 KSDN-SD 970 KNFX-MN 1130 KFAN-MN *	1150 1170 1210 1230 1240 1250 1260	KASM-MN KWAT-SD KOKK-SD KMRS-MN KTRF-MN KWNO-MN KWSN-SD WJON-MN KDLR-ND KCUE-MN KROX-MN	1270 1290 1310 1320 1340 1350 1400 1420 1450	KWEB-MN WWWI-MN KSCR-MN KNOX-ND KOZY-MN KDLM-MN KWLM-MN WCMP-MN KMHL-MN KTOE-MN KATE-MN	1570 92.1 93.5 94.1 94.3 99.3 100.1 104.1 106.3 107.1	KBUN-MN KBMW-ND KOSZ-SD KRUE-MN KSCR-MN WFML-MN KMSR-MN KSTQ-MN KOUV-MN KSDM-MN WRJB-MN KMGK-MN
Orlando Magic 1998/99 Dennis Neumann, Jeff Turner 580 WDBO-FL * 820 WZTM-FL 920 WMEL-FL	960 1220 1230 1250 1290 1320	WGRO-FL WQSA-FL WMAF-FL WQHL-FL WDLP-FL WAMR-FL d	1350 1400 1430 1450 1530	WDCF-FL WZHR-FL WLKF-FL WWLO-FL WWJB-FL WENG-FL	1570 1590 95.3	WYHI-FL WPSL-FL WXCV-FL
Philadelphia 76ers 1998/99 Tom McGinnis 610 WIP-PA 1290 WJBR-NJ	1350 1390 1490 1550	WOYK-PA WLAN-NJ WGYM-NJ WKQV-PA	1600 94.3	WPDC-PA WCZT-PA		
Portland Trailblazers 1998/99 Brian Wheeler 880 KTMT-OR 1110 KBND-OR 1120 KPNW-OR 1190 KEX -OR *	1230 1310 1340 1360 1400	KZZR-OR KNPT-OR KIHR-OR KOHU-OR KBCH-OR KJDY-OR	1430 1440 1450 1460 1490	KYKN-OR KODL-OR KIOV-ID e KBKW-WA KCKX-OR KLOG-OR	1580 92.9 95.1 99.5 99.9 103.1 104.1	KGAL-OR KAST-OR KIJK-OR KRBZ-OR KIOO-OR KRSB-OR KTIL-OR
Sacramento Kings 1998/99 Gary Garould 830 KNCO-CA 950 KAHI-CA	1110 1140 1270 1410	KRCX-CA S* KHTK-CA * KPLY-CA KMYC-CA	1450 1490	KMCA-CA KBLF-CA		
San Antonio Spurs 1998/99 Jay Howard, Paul Castro (SS) 1150 KCCT-TX		WOAI-TX * KDLK-TX KVET-TX KCOR-TX S*	1460 1490	KCWM-TX KLNT-TX	1400 THE N	USIC PEOPLE



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Utah]	azz 1998/99 Rod	750	KOAL-UT	980	KSVC-UT	1340	KTOX-CA
Hund	ley, Ron Boone	790	KUTA-UT	1240	KWIK-ID		KRLV-NV
540	KNAK-UT	800	KSOS-UT		KELK-NV	1430	KLO -UT
590	KID -ID	890	KDXU-UT		KEVA-WY	1450	KIOV-ID e
	KSUB-UT	920	KVEL-UT	1260	KWEI-ID	1490	KUGR-WY
610	KVNU-UT	950	KMER-WY	1320	KFAN-UT *	103.9	KYKN-UT
650	KMTI-UT	970	KBBK-ID				

- * = flagship station
- a = The Hornets' list has WOPI Bristol, VA"; WOPI is in Bristol, TN.
- b = The Bulls' list has WJCK-AM, Seneca, IL". Those calls are registered to two FM stations at 88.3 in Piedmont, AL and Cedartown, GA. I have no idea what Seneca station this is.
- c = The Heat's list has 830 WACC Miami", but the only 830 station in Florida is WXTO in Hialeah (which the Log 19" lists as a Spanish station).
- d = This station broadcasts both the Orlando Magic and the Miami Heat.
- e = This station broadcasts both the Utah Jazz and the Portland Trailblazers.
- f = This station broadcasts both the Chicago Bulls and the Indiana Pacers.
- s = This station broadcasts selected road games and all home games.
- S = Spanish

Here is Arena Football information for the 1999 season from Bob Pietsch (via e-mail), obtained from Yahoo search for team official web sites. ?" signifies that the names of the announcers were not on the web sites. Two teams listed network lists on the web.

Arizona Rattlers Buffalo Destroyers Florida Bobcats Grand Rapids Rampage Houston Thunderbears Iowa Barnstormers 1040 WHO -IA * 1220 KJAN-IA 1270 WKBF-IL 1560 KCJJ-IA 1570 KQWC-IA 92.7 KTWA-IA 99.3 KKBZ-IA 101.3 KITR-IA 101.3 KITR-IA 101.3 KITR-IA 1020 WMGC-TN No info available No	Web dites. Two teams material	O		
Buffalo Destroyers Florida Bobcats Grand Rapids Rampage Houston Thunderbears Iowa Barnstormers 1040 WHO -IA * In Zabel, Gary Fletcher 1220 KJAN-IA I270 WKBF-IL I560 KCJJ-IA I570 KQWC-IA 92.7 KTWA-IA 99.3 KKBZ-IA I01.3 KITR-IA I01.3 KITR-IA I01.3 KITR-IA I01.3 Milwaukee Mustangs Nashville Kats New England Sea Wolves New Jersey Red Dogs Orlando Predators Portland Forest Dragons 1080 KOTK-OR * I080 KOTK-OR * I080 KOTK-OR * I080 KOTK-OR I080 KO	Albany Firebirds	590	WROW-NY	Ari Wolfe
Florida Bobcats Grand Rapids Rampage Houston Thunderbears Iowa Barnstormers 1040 WHO-IA* I220 KJAN-IA 1270 WKBF-IL 1560 KCJJ-IA 1570 KQWC-IA 99.7 KTWA-IA 99.7 KWBZ-IA 101.3 KITR-IA 101.3 KITR-IA 101.3 KITR-IA 101.3 No info available WMGC-TN No info available No info available No info available Rew England Sea Wolves New Jersey Red Dogs Orlando Predators Portland Forest Dragons 1080 KOTK-OR* 1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino 7 Rich Waltz, Artie Gigantino 8 Rich Waltz, Artie Giga	Arizona Rattlers	860	KMVP-AZ	Kevin Ray, Doug Plank
Grand Rapids Rampage Houston Thunderbears Iowa Barnstormers Iowa WHO -IA * Jim Zabel, Gary Fletcher Iowa Barnstormers Iowa Barnstormers Iowa Barnstormers Iowa WHO -IA * Jim Zabel, Gary Fletcher Iowa Barnstormer Iowa Barnstormers Iowa Cary Fletcher Iowa Barnstormer Iowa Cary Fletcher Iowa Cary F	Buffalo Destroyers	930	WBEN-NY	?
Houston Thunderbears Iowa Barnstormers 950 KPRC-TX 1040 WHO -IA * 1220 KJAN-IA 1270 WKBF-IL 1560 KCJJ-IA 1570 KQWC-IA 92.7 KTWA-IA 92.7 KTWA-IA 99.3 KKBZ-IA 101.3 KITR-IA 101.3 KITR-I	Florida Bobcats		No info available	
Iowa Barnstormers 1040 WHO-IA * Jim Zabel, Gary Fletcher 1220 KJAN-IA 1270 WKBF-IL 1560 KCJJ-IA 1570 KQWC-IA 1570 KQWC-IA 92.7 KTWA-IA 92.7 KTWA-IA 95.7 KQWC-IA 99.3 KKBZ-IA 101.3 KITR-IA 1020 WMCS-WI 1020 Petro, Kent Austin 1020 No info available 1020 No info available 1020 No info available 1020 KOTK-OR * Bob Akamian, Jon Warren 1230 KHSN-OR 1230 KHSN-OR 1230 KHSN-OR 1230 KGAL-OR 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR 1050 KTCT-CA 1250 WDAE-FL 1250 WDAE-FL 1260 RWSIC PEOPLE 1400 1400 WKBF-IL 1400 WHO-IA * Jim Zabel, Gary Fletcher 1400 WKBF-IL 1400 WHO-IA * Jim Zabel, Gary Fletcher 1400 WKBF-IL 1400 WHO-IA * Jim Zabel, Gary Fletcher 1400 WKBC-IA 1400 WKBC-IA 1400 WKBC-IA 1400 WMCS-WI 1500 No info available 1500 KOTK-OR 1500 KGAL-OR 1500 KGAL-OR 1500 KGAL-OR 1500 KCKX-OR 1500 KGAL-OR 1500 KGAL-OR 1500 KTCT-CA 1500 KTCT-CA 1500 KICT-CA 1500 KICT-C	Grand Rapids Rampage	1340	WBBL-MI	?
1220 KJAN-IA 1270 WKBF-IL 1560 KCJJ-IA 1570 KQWC-IA 92.7 KTWA-IA 95.7 KQWC-IA 99.3 KKBZ-IA 101.3 KITR-IA	Houston Thunderbears	950	KPRC-TX	?
1270 WKBF-IL 1560 KCJJ-IA 1570 KQWC-IA 92.7 KTWA-IA 95.7 KQWC-IA 99.3 KKBZ-IA 101.3 KITR-IA	Iowa Barnstormers	1040	WHO-IA*	Jim Zabel, Gary Fletcher
1560 KCJJ-IA 1570 KQWC-IA 92.7 KTWA-IA 95.7 KQWC-IA 99.3 KKBZ-IA 101.3 KITR-IA		1220	KJAN-IA	
1570 KCJVC-IA 1570 KCJWC-IA 92.7 KTWA-IA 95.7 KQWC-IA 99.3 KKBZ-IA 101.3 KITR-IA 101.3 KITR-		127 0	WKBF-IL	
92.7 KTWA-IA 95.7 KQWC-IA 99.3 KKBZ-IA 101.3 KITR-IA 101.3 KITR-IA 101.3 KITR-IA 101.3 KITR-IA 1290 WMCS-WI 7 Danny Petro, Kent Austin No info available No info available No info available 1290 WMCS-WI 7 Danny Petro, Kent Austin No info available No info available No info available 1230 KHSN-OR 1230 KHSN-OR 1230 KHSN-OR 1230 KHSN-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino 1250 WDAE-FL 7 101.3 KIDR-IA 102.5 KTCT-CA Rich Waltz, Artie Gigantino 1250 WDAE-FL 7 101.3 KTIC-OR 1250 WDAE-FL 7 101.3 KTI		1560	KCJJ-IA	1400
95.7 KQWC-IA 99.3 KKBZ-IA 101.3 KITR-IA Milwaukee Mustangs Nashville Kats No info available No info available Portland Forest Dragons 1080 KOTK-OR * 1230 KHSN-OR 1370 KAST-OR 14400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats Tampa Bay Storm 101.3 KITR-IA 101.3 KITR-IA ? Danny Petro, Kent Austin Pow Nolan, Scott Stanford Bob Akamian, Jon Warren **Rich Waltz, Artie Gigantino ? **Rich Waltz, Artie Gigantino ? **Rich Waltz, Artie Gigantino ? **POWIN.** **POWIN.** **POWIN.		1570	KQWC-IA	
99.3 KKBZ-IA 101.3 KITR-IA Milwaukee Mustangs Nashville Kats New England Sea Wolves New Jersey Red Dogs Orlando Predators Portland Forest Dragons 1080 KOTK-OR * 1230 KHSN-OR 1370 KAST-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats Tampa Bay Storm 101.3 KITR-IA 101.3 KITR-IA ? Danny Petro, Kent Austin Doe Nolan, Scott Stanford Bob Akamian, Jon Warren Rich Waltz, Artie Gigantino ?		92.7	KTWA-IA	W . J
Milwaukee Mustangs Nashville Kats New England Sea Wolves New Jersey Red Dogs Orlando Predators Portland Forest Dragons Portland Forest Dragons 1080 KOTK-OR * 1230 KHSN-OR 1370 KAST-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino RMCS-WI PowMCS-WI		95.7	KQWC-IA	LICENSE TO MIN
Milwaukee Mustangs Nashville Kats New England Sea Wolves New Jersey Red Dogs Orlando Predators Portland Forest Dragons 1080 KOTK-OR * 1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KMCS-WI Pommor Available No info available Bob Akamian, Jon Warren Bob Akamian, Jon Warren Rich Waltz, Artie Gigantino Pommor Available Rot No info available Rot No in		99.3	KKBZ-IA	a LICENSE IS WIN.
Nashville Kats New England Sea Wolves New Jersey Red Dogs Orlando Predators Portland Forest Dragons 1080 KOTK-OR * 1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KMMGC-TN Danny Petro, Kent Austin Doe Nolan, Scott Stanford Bob Akamian, Jon Warren Kent Austin Doe Nolan, Scott Stanford No info available Bob Akamian, Jon Warren Kork-OR Kocky-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR Rich Waltz, Artie Gigantino Portland Forest Dragons Robert Stanford Robert		101.3	KITR-IA	
New England Sea Wolves New Jersey Red Dogs Orlando Predators Portland Forest Dragons 1080 KOTK-OR * 1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Row Joe Nolan, Scott Stanford Bob Akamian, Jon Warren Row Akamian,	Milwaukee Mustangs	1290	WMCS-WI	?
New Jersey Red Dogs Orlando Predators Portland Forest Dragons 1080 KOTK-OR * 1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino ROGINATION RO	Nashville Kats	810	WMGC-TN	Danny Petro, Kent Austin
Orlando Predators Portland Forest Dragons 1080 KOTK-OR * Bob Akamian, Jon Warren 1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino 7 Tampa Bay Storm 1080 KOTK-OR * Bob Akamian, Jon Warren 1080 KAST-OR 1080 KAST-OR 1080 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 1081 KTIL-OR 1081 KTCT-CA Rich Waltz, Artie Gigantino 1250 WDAE-FL ?	New England Sea Wolves		No info available	
Portland Forest Dragons 1080 KOTK-OR * Bob Akamian, Jon Warren 1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?	New Jersey Red Dogs		W	Joe Nolan, Scott Stanford
1230 KHSN-OR 1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?	Orlando Predators		No info available	
1370 KAST-OR 1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?	Portland Forest Dragons	1080	KOTK-OR *	Bob Akamian, Jon Warren
1400 KBCH-OR 1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?	•	1230	KHSN-OR	
1450 KIOV-ID 1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?		1370	KAST-OR	
1460 KCKX-OR 1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?		1400	KBCH-OR	
1580 KGAL-OR 104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?		1450	KIOV-ID	
104.1 KTIL-OR San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?		1460	KCKX-OR	
San Jose Sabercats 1050 KTCT-CA Rich Waltz, Artie Gigantino Tampa Bay Storm 1250 WDAE-FL ?		1580	KGAL-OR	
Tampa Bay Storm 1250 WDAE-FL ?		104.1	KTIL-OR	
	San Jose Sabercats	1050	KTCT-CA	Rich Waltz, Artie Gigantino
	Tampa Bay Storm	1250	WDAE-FL	?
		the Uni	ted States Basketball	League and the European NFL. Please

New seasons have started for the United States Basketball League and the European NFL. Please send me any network lists or flagship information that you may have.

Here is updated Major League Baseball (MLB) information from *Broadcasting and Cable* magazine via Ken Onyschuk. These differ from the information that Ken sent me earlier and that I had in my last column.

Anaheim Angels	570	KLAC-CA (EE))
Oakland Athletics	910	KNEW-CA 1	b Bill King, Ken Korach, Ray Fosse
Houston Astros	74 0	KTRH-TX	

Here are most of the MLB network lists. Istill need these lists: Chicago Cubs, Detroit Tigers, Montreal Expos (EE), Montreal Expos (FF), New York Mets, Saint Louis Cardinals, San Diego Padres, and Tampa Bay Devil Rays. I have found some of these on the web, but the lists have not been updated for the current season. Remember that all of these lists are subject to change; I rarely see two network lists that agree.

The dates listed are either the date on the web page or the date I downloaded the page. ++" signifies that I do not know the names of the announcers. If there is only one station that broadcasts in SS, then I list that station with the EE network list. Note that these lists are subject to change.

Anaheim Angels 1999 (from Media Guide via Bob Galerstein)										
570	KLAC-CA*	760	KGU -HI	1350	KBID-CA	1430	KAMP-CA			
600	KSJB-CA	1090	XPRS-BC *S	1400	KESQ-CA	94.3	KIKF-CA			
Arizo	na Diamondbacks									
620	KTAR-AZ *	990	KSVP-NM	1330	KGAK-NM	1490	KFFN-AZ C			
690	KHEY-NV	1050	KNML-NM	1340	KIKO-AZ	92.1	KZUA-AZ			
780	KAZM-AZ	1130	KQNA-AZ		KCQL-NM	98.3	KWCX-AZ			
920	KVNA-AZ	1140	KSFN-NV	1400	KJOK-AZ	101.1	KESP-AZ			
950	KNFT-NM	1180	KYET-AZ	1420	KTAN-AZ	106.7	KPPV-AZ			
980	KBBC-AZ	1230	KATO-AZ							

Arizona Diamondbacks 1999 (SS) Rene Boeta, Enrique Lopez (from Media Guide via Bob Galerstein) (81 home games and selected away games) 750-KAMA-TX, 1270-XENY-SO,1480-KPHX-AZ *

Atlanta Braves 1999 ++ (from http://www.atlantabraves.com 03/11/99)

Attan	ta braves 1999 ++	(from I	nttp://www.attantat	oraves.	.com 03/11/99)		
540	WQTM-FL	1240	WWNS-GA	1450	WCON-GA	96.7	WMKJ-GA
550	WDUN-GA	1270	WLIK-TN		WGPC-GA	97.7	WEZZ-AL
580	WGAC-GA	1280	WPID-AL		WKEU-GA		WKLD-AL
	WMGA-GA	1290	WVOW-WV		WMVG-GA	98.1	WZLG-GA
610	WCEH-GA	1310	WHEP-AL		WCRS-SC		WPEK-SC
630	WJDB-AL		WTTL-KY		WKZQ-SC	98.7	WISK-GA
	WBMQ-GA		WDKD-SC		WGNS-TN	98.9	WQMT-GA
690	WJOX-AL	1320	WKIN-TN	14 60	WBCU-SC	99.1	WBAW-SC
720	WMXY-GA		WMSR-TN	1 47 0	WCLA-GA	99.3	WCON-GA
730	WUMP-AL	1330	WBTR-GA	1480	WABB-AL		WWKT-SC
	WLIL-TN		WMLT-GA	149 0	WSFB-GA	99.5	WDMG-GA
74 0	WMSP-AL	1340	WFEB-AL		WSNT-GA	99.9	WACQ-AL
	WBAW-SC		WMRK-AL	1560	WLJA-GA		WSNT-GA
750	WSB -GA *		WTYS-FL	1570	WCRL-AL	100.1	WMCD-GA
790	WSFN-GA		WBBT-GA	1580	WKUN-GA	100.3	WVNA-AL
860	WDMG-GA		WGAU-GA		WLIJ-TN	100.9	WLYU-GA
900	WEAS-GA		WTIF-GA	1590	WVNA-AL	101.1	WTGA-GA
	WJTH-GA		WQSC-SC		WTGA-GA	101.3	WAGF-AL
910	WEPG-TN	1350	WGAD-AL		WABV-SC		WLOO-FL
	WJCW-TN	1360	WZPQ-AL		WATX-TN	101.7	WTHO-GA
930	WNZS-FL	1370	WCOA-FL	1600	WFIS-SC	101.9	WSGC-GA
	WSLI-MS		WLOP-GA	92.1	WKUL-AL		WVOW-WV
940	WMAC-GA		WDXE-TN		WBTR-GA	102.3	WKZR-GA
9 50	WSPA-SC	1390	WISK-GA		WPEH-GA	102.9	WMJE-GA
960	WGRO-FL	1400	WC0H-GA	92.5	WOKF-GA	103.9	WDDK-GA
980	WKLF-AL		WCOS-SC	93.1	WBBK-GA		WQSY-GA
990	WEIS-AL		WJZM-TN	93.5	WLJA-GA	104.5	WGPC-GA
1000	WVWI-VI y		WZNG-TN		WLIL-TN		WYYU-GA
1050	WWIC-AL	1410	WLAQ-GA	93.7	WALI-SC		WAAZ-FL
	WJSB-FL		WPCC-SC	94.1	WBNF-FL	105.1	WEHR-GA
1070	WAPI-AL		WCMT-TN	94.3	WPUB-SC		WHEL-GA
1130	WACQ-AL	1420	WKWN-GA	95.1	WCDZ-TN	105.3	WSTI-GA
1220	WCPH-TN		WPEH-GA	95.3	WRLD-AL		WIFO-GA
1230	WAUD-AL		WRCG-GA	95.5	WJDB-AL	106.3	WKNU-AL
	WBLJ-GA	1430	WLTG-FL	9 5.7	WATG-GA		WGMK-GA
1240	WGGA-GA	1450	WDNG-AL	95.9	WTWX-AL		WCLA-GA
	WPAX-GA		WBHF-GA		WDXE-TN	107.5	WTIF-GA
	WTWA-GA						

30										
Baltim Galers		99 Jim Hu	inter, Fred Ma	nf ra, Chuc	k Thompson (from Medi	a Guide via Bob			
540	WDMV-MD	960	WTGM-MD	1280	WSAT-NC	1470	WTTR-MD			
800	WCHA-PA	970	WAMD-MD		WHVR-PA	1490	WARK-MD			
910	WSBA-PA	1090	WBAL-MD*	1340	WEPM-WV	1500	WTOP-DC			
930	WFMD-MD	1260	WNRK-DE	1400	WINC-VA	92.7	WMJS-MD			
				1450	WTBO-MD	106.3	WCÉM-MD			
	n Red Sox 1999 html 02/25/99)	Joe Casti	glione, Jerry T	rupiano (fi	rom http://wwv	v.redsox.co	om/game/radiotv/			
550	WDEV-VT	1230	WMOU-NH	1400	WSTC-CT	92.7	WOXO-ME			
560	WIIYN-MA		WERI-RI		WHMP-MA		WQDY-ME			
580	WTAG-MA		WJOY-VT		WLTN-NH	93.5	WCFR-VT			
610	WGIR-NH	1240	WHAI-MA		WTSL-NH	95.3	WALZ-ME			
620	WZON-ME	1280	WEIM-MA	1420	WBEC-MA	99.3	WKTJ-ME			
630	WPRO-RI	1290	WKNE-NH	1440	WJAE-ME	100.1	WHOU-ME			
710	WREM-ME	1340	WSTI-VT	1450	WKXL-NH		WPNH-NH			
730	WJTO-ME	1350	WINY-CT	1480	WSAR-MA	100.7	WTBM-ME			
850	WEEI-MA *		WNCR-CT		WCFR-VT	101.1	WWKJ-MA			
940	WINE-CT	1370	WDEA-ME	1490	WMRC-MA	102.5	WQSS-ME			
1080	WTIC-CT	1380	WTMN-NH		WEMJ-NH	103.1	WDME-ME			
1160	WSKW-ME		WNRI-RI		WIKE-VT	104.7	WQEZ-ME			
1230	WNAW-MA		WSYB-VT		WKVT-VT	105.5	WAXB-CT			
1250	WQDY-ME	1390	WEGP-ME	92.1	WMNM-NY	107.9	WHQO-ME			
Bosto	Boston Red Sox (SS) 1999 Bobby Serrano, Hector Martínez Carter Radio Network (from http://									
	www.redsox.com/game/radioty/spanish.html 02/25/99)									
730	WACE-MA		WCCM-MA	830	WCRM-MA	1330	WRCA-MA*			
							adcasts/radio.asp Bob Galerstein])			
880	WINU-IL		WTAX-IL	1470	WKLZ-IL k	97.7	WLQI-IN			
920	WMOK-IL	1250	WIZZ-IL	1490	WZOE-IL	98.1	WIBN-IN			
1000	WMVP-IL*	1280	WBIG-IL i	1500	WGEN-IL m	102.3	WEBQ-IL i			
1050	WDZ -IL	1320	WKAN-ILi	1560	WBYS-IL1	102.5	WHHK-IL			
1060	WRHL-IL	1350	WOAM-IL	1570	WFRL-IL	104.9	WGEN m			
1170	KJOC-IL	1360	WLBK-IL1	1580	WBCP-IL	105.5	WYKT-IL			
	WLBH-IL	1370	WVAX-IL	1590	WAIK-IL	107.7	WMRS-IN			
1230	WHCO-ILi	1440	WGEM-IL	1660	WQSN-MI	107.9	WBYS-IL i			
1240	WEBQ-IL		WROK-IL	96.9	WLBH-IL i					
	WSDR-IL	1460	WKAM-IN							
	nnati Reds 1999	Marty B								
580	WCHS-WV		WIMA-OH	144 0	WPGW-IN	95.9	WFTM-KY			
610	WTVN-OH	1230			WMDJ-KY	97.7	WBVI-OH			
630	WLAP-KY		WIRO-OH	1450	WLTP-WV	99.3	WNXT-OH			
680	WCTT-KY	1240	WFTM-KY	1490	WFKY-KY	100.1	WMDJ-KY			
700	WLW -OH *		WSFC-KY		WEBX-OH	100.9	WPGW-IN			
740	WRN R -WV		WHIZ-OH		WMOA-OH		WJAW-OH z			
910	WKEQ-KY	1260	WNDE-IN	1520	WOOO-IN	102.3	WUGO-KY			
930	WHON-IN	1290	WHIO-OH	1600	WKSF-KY	103.9	WRBI-IN			
	WRVC-WV	1340	WLBC-IN	92.1	WMPO-OH	104.1	WLBC-IN			
970	WAVG-KY		WBGN-KY	92.7	WJCP-IN	105.9	WHAY-KY			
	WATH-OH		WCMI-KY	94.1	WAXS-WV					
1150	WNDI-IN	1400	WBTH-WV	94.3	WKKI-OH					

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939 WEOL-OH 1370 WSPD-OH 1460 WBEC-OH 93.5 WBEN-OH 970 WFUN-OH WWCB-PA 1480 WHBC-OH 95.3 WLKR-OH 1770 WFUN-OH 1890 WBLD-OH 1490 WMRN-OH 100.9 WBNO-OH 12160 WRIE-PA WRIK-OH 1520 WCFT-OH 104.5 WQKT-OH 1320 WCD-OH 1400 WMAN-OH 1520 WDT-OH 104.5 WQKT-OH 1330 WWO-OH 1410 WDOE-NY 1550 WDLR-OH 107.1 WDOH-OH 13130 WFO-OH 1430 WCTL-OH 1570 WANR-OH 107.1 WDOH-OH 13130 WFO-OH 1430 WCTL-OH 1570 WANR-OH 107.3 WYBZ-OH 1330 WFO-OH 1430 WCTL-OH 1570 WANR-OH 107.1 WDOH-OH 1330 WFO-OH 1430 WCTL-OH 1570 WANR-OH 107.3 WYBZ-OH 1330 WFO-OH 1430 WCTL-OH 1570 WANR-OH 107.3 WYBZ-OH 1330 WFO-OH 1330 WFO-OH 1430 WCTL-OH 1570 WANR-OH 107.3 WYBZ-OH 1330 WFO-OH 1330 WFO-OH 1430 WCTL-OH 1570 WANR-OH 107.3 WYBZ-OH 1330 WFO-OH 1330 WFO-O	_				1450	•		
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1270 WUCO-OH			1390				100.9	
1300 WMVO-OH								-
1320 WLOH-OH								
1330							107.1	WDOH-OH
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(from http://www.coloradorockies.com/stageroot/rockies/onair/radio_list.html 04/12/99 and Media Guide [via Bob Galerstein]) (solide [via Bob Galerstein]) (s		· -	Wayne	_	ry, Fra	ncisco Gomez (SS)	, Anto	nio Guevara (SS)
Guide (via Bob Galerstein) 500	(from	http://www.colorae	dorock	ies.com/stageroot/	rockie	s/onair/radio_list.h	tml 04	/12/99 and Media
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690 KGGF-KS 1300 KMMO-MO 1470 KYUU-KS KNIM-MO 790 KXXX-KS KAKC-OK 1490 KDRO-MO 95.9 KCAY-KS 860 KKOW-KS 1310 KCMT-NE KTTR-MO KAAN-MO 880 KRVN-NE 1330 KTOD-AR o 1500 KNIM-MO 96.7 KBEE-KS 960 KMA -IA 1340 KGFW-NE 1510 KNNS-KS u 97.7 KNCY-NE KNEB-NE 1350 KMAN-KS 1530 KMAM-MO 99.1 KYOO-MO 980 KMBZ-MO * 1370 KGNO-KS 1540 KLKC-KS 99.3 KUTT-NE 990 KRSL-KS 1400 KAYS-KS KNGL-KS 99.7 KNMO-MO KRMO-MO KVOE-KS 1550 KKLE-KS WTTR-MO e 1060 KNLV-NE 1420 KJCK-KS 1560 KQYX-MO 99.9 KBFL-MO t 1150 KWKY-IA KULY-KS 1580 KTGR-MO 101.7 KIND-KS KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO KRMS-MO KBBX-NE KNCY-NE 103.1 KNDY-KS 1190 KVSV-KS 1430 KKOZ-MO 92.1 KCHE-IA 103.9 KNZA-KS 1200 KYOO-MO 1440 KCHE-IA KMZA-KS KOMB-KS 1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)	680	KFEQ-MO	1290	KWLS-KS	1460	KKOY-KS	95.3	KDKD-MO
790 KXXX-KS KAKC-OK 1490 KDRO-MO 95.9 KCAY-KS 860 KKOW-KS 1310 KGMT-NE KTTR-MO KAAN-MO 880 KRVN-NE 1330 KTOD-AR o 1500 KNIM-MO 96.7 KBEE-KS 960 KMA-IA 1340 KGFW-NE 1510 KNNS-KS u 97.7 KNCY-NE KNEB-NE 1350 KMAN-KS 1530 KMAM-MO 99.1 KYOO-MO 980 KMBZ-MO * 1370 KGNO-KS 1540 KLKC-KS 99.3 KUTT-NE 990 KRSL-KS 1400 KAYS-KS KKIE-KS 99.7 KNMO-MO KRMO-MO KVOE-KS 1550 KKLE-KS WTTR-MO e 1060 KNILV-NE 1420 KJCK-KS 1560 KQYX-MO 99.9 KBFL-MO t 1150 KWKY-IA KULY-KS 1580 KTGR-MO 101.7 KIND-KS KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO	690	KGGF-KS	1300	KMMO-MO	1470	KYUU-KS		
880 KRVN-NE 1330 KTOD-AR o 1500 KNIM-MO 96.7 KBEE-KS 960 KMA -IA 1340 KGFW-NE 1510 KNNS-KS u 97.7 KNCY-NE KNEB-NE 1350 KMAN-KS 1530 KMAM-MO 99.1 KYOO-MO 980 KMBZ-MO * 1370 KGNO-KS 1540 KLKC-KS 99.3 KUTT-NE 990 KRSL-KS 1400 KAYS-KS KNGL-KS 99.7 KNMO-MO KRO-MO KVOE-KS 1550 KKLE-KS KTTR-MO e KTTR-MO e 1060 KNLV-NE 1420 KJCK-KS 1560 KQYX-MO 99.9 KBFL-MO t 1150 KWKY-IA KULY-KS 1580 KTGR-MO 101.7 KIND-KS KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO KRMS-MO KBBX-NE KNCY-NE 103.1 KNDY-KS 1190 KVSV-KS 1430 KKOZ-MO 92.1 KCHE-IA 103.9	790	KXXX-KS		KAKC-OK	1490	KDRO-MO	95.9	KCAY-KS
960 KMA -IA 1340 KGFW-NE 1510 KNNS-KS u 97.7 KNCY-NE KNEB-NE 1350 KMAN-KS 1530 KMAM-MO 99.1 KYOO-MO 980 KMBZ-MO * 1370 KGNO-KS 1540 KLKC-KS 99.3 KUTT-NE 990 KRSL-KS 1400 KAYS-KS KNGL-KS 99.7 KNMO-MO KRMO-MO KVOE-KS 1550 KXLE-KS KTTR-MO e 1060 KNLV-NE 1420 KJCK-KS 1560 KQYX-MO 99.9 KBFL-MO t 1150 KWKY-IA KULY-KS 1580 KTGR-MO 101.7 KIND-KS KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO KRMS-MO KBBX-NE KNCY-NE 103.1 KNDY-KS 1190 KVSV-KS 1430 KKOZ-MO 92.1 KCHE-IA 103.9 KNZA-KS 1200 KYOO-MO 1440 KCHE-IA KMZA-KS KOMB-KS 1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)	860	KKOW-KS	1310	KGMT-NE		KTTR-MO		KAAN-MO
960 KMA -IA 1340 KGFW-NE 1510 KNNS-KS u 97.7 KNCY-NE KNEB-NE 1350 KMAN-KS 1530 KMAM-MO 99.1 KYOO-MO 980 KMBZ-MO * 1370 KGNO-KS 1540 KLKC-KS 99.3 KUTT-NE 990 KRSL-KS 1400 KAYS-KS KNGL-KS 99.7 KNMO-MO KRMO-MO KNLV-NE 1420 KJCK-KS 1550 KKLE-KS 57.0 KTTR-MO e 1060 KNLV-NE 1420 KJCK-KS 1560 KQYX-MO 99.9 KBFL-MO t 1150 KWKY-IA KULY-KS 1580 KTGR-MO 101.7 KIND-KS KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO KRMS-MO KBBX-NE KNCY-NE 103.1 KNDY-KS 1190 KVSV-KS 1430 KKOZ-MO 92.1 KCHE-IA 103.9 KNZA-KS 1200 KYOO-MO 1440 KCHE-IA KMZA-KS KOMB-KS 1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS FIORIDA Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)	880	KRVN-NE	1330	KTOD-AR o	1500		96.7	
KNEB-NE	960	KMA-IA	1340					
980 KMBZ-MO * 1370 KGNO-KS 1540 KLKC-KS 99.3 KUTT-NE 990 KRSL-KS 1400 KAYS-KS KNGL-KS 99.7 KNMO-MO KRMO-MO KVOE-KS 1550 KKLE-KS KTTR-MO e 1060 KNLV-NE 1420 KJCK-KS 1560 KQYX-MO 99.9 KBFL-MO t 1150 KWKY-IA KULY-KS 1580 KTGR-MO 101.7 KIND-KS KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO KRMS-MO KBBX-NE KNCY-NE 103.1 KNDY-KS 1190 KVSV-KS 1430 KKOZ-MO 92.1 KCHE-IA 103.9 KNZA-KS 1200 KYOO-MO 1440 KCHE-IA KMZA-KS KOMB-KS 1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)		KNEB-NE						
990 KRSL-KS 1400 KAYS-KS KNGL-KS 99.7 KNMO-MO KRMO-MO KVOE-KS 1550 KKLE-KS KTTR-MO e 1060 KNLV-NE 1420 KJCK-KS 1560 KQYX-MO 99.9 KBFL-MO t 1150 KWKY-IA KULY-KS 1580 KTGR-MO 101.7 KIND-KS KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO KRMS-MO KBBX-NE KNCY-NE 103.1 KNDY-KS 1190 KVSV-KS 1430 KKOZ-MO 92.1 KCHE-IA 103.9 KNZA-KS 1200 KYOO-MO 1440 KCHE-IA KMZA-KS KOMB-KS 1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)	980							
KRMO-MO								
1060					1550			
1150	1060		1420				99 9	
KSAL-KS KBTN-MO 1600 KMDO-KS 102.9 KMMO-MO				-		_		
KRMS-MO								
1190 KVSV-KS 1430 KKOZ-MO 92.1 KCHE-IA 103.9 KNZA-KS 1200 KYOO-MO 1440 KCHE-IA KMZA-KS KOMB-KS 1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)					1000			
1200 KYOO-MO 1440 KCHE-IA KMZA-KS KOMB-KS 1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)	1190		1430		92 1			
1230 KLWT-MO 1450 KWBW-KS KMOE-MO KNLV-NE KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)					12.1		103.7	
KTNC-NE KOKO-MO 92.3 KKOZ-MO 106.7 KFXX-KS Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)								
Florida Marlins 1999 Joe Angel, Dave O'Brien, Felo Ramirez (SS), Jesus Diaz (SS) (from Media Guide via Bob Galerstein)	1200		1400		02.2		1067	
Guide via Bob Galerstein)	TT ' *							
				ei, Dave O'Brien, l	relo R	amirez (SS), Jesus	Diaz (SS) (from Media
	560	WQAM-FL*	920	WMEL-FL	1230	WJNO-FL	1330	WJNX-FL

1280 WELE-FL

1500 WKWF-FL 93.5 WBGF-FL

1140 WQBA-FL*S

770 WWCN-FL

32											
Houst	Houston Astros 1999 ++ (from http://www.astros.com/radioaff.htm [as of 01/29/99 and subject to										
chang	e]										
560	KLVI-TX	1300	KFLO-LA E		KTEM-TX	92.3	KETX-TX				
740	KTRH-TX *		WIBR-LA	1440	WWZN-FL	92.7	KASR-AR r				
910	KNAF-TX	1320	KXYZ-TX *SS		KETX-TX		KIVY-TX				
1150	WTAW-TX	1330	KTOD-AR o	1450	WBYU-LA	94.7	KVLL-TX				
1160	KENS-TX		KGLD-TX		KCTI-TX	98.3	KULM-TX				
1220	KMVL-TX E	1340	KAMG-TX		KCYL-TX	98.5	KRXT-TX				
1230	KSIX-TX		KRBA-TX	1470	KLCL-LA		AFRN A				
1240	KVLF-TX E	1390	KULP-TX	1490	KVLL-TX	106.3	KCTI-TX				
1280	KWHI-TX	1400	KEBE-TX	1550	KWBC-TX						
	Los Angeles Dodgers 1999 ++ (from a clipping via Gary V. Jackson and Media Guide [via Bob Galerstein])										
610	KAVL-CA	1150	KXTA-CA*	1300	KKSC-CA	1450	KVEN-CA				
720	KDWN-NV		KBET-CA		KCBL-CA	1490	KMET-CA				
760	KGU -HI sc		KBOV-CA	1040	KXXT-CA		KNZR-CA				
850	KLYF-CA	1250	KYPA-CA sK	1350	KCKC-CA	1500	RI VER CIT				
920	KPSI-CA		KYVA-NM msv	1370	WAXE-FLs						
920	KVEC-CA	1240	KSMA-CA		KVBL-CA						
Los Angeles Dodgers (SS) 1999 ++ (from a clipping via Gary V. Jackson and Media Guide [via Bob Galerstein])											
1030	KJDJ-CA	1480	KSBQ-CA	1490	KICO-CA						
1330	KWKW-CA*	1490	KBKO-CA	1590	KUNX-CA w						
Milwa	aukee Brewers 199		Powell (from Medi								
550	WSAU-WI	1230	WCLO-WI	1430	WBEV-WI	93.7	WHTD-WI				
580	WKTY-WI	1240	WOBT-WI		wrdn-wi	93.9	WDOR-WI				
590	WJMS-MI		WOMT-WI	1450	KF IZ- WI	94.3	WPRE-WI				
620	WTMJ-WI *	1260	WEKZ-WI		WDLB-WI	95.9	WRDN-WI				
680	WDBC-MI		WWIS-WI		WRCO-WI	96.3	WJMC-WI				
910	WDOR-WI	1270	WRJC-WI	1490	WIGM-WI	99.1	WIKB-MI				
940	WFAW-WI	1310	WIBA-WI	1550	WEVR-WI	99.3	WIGM-WI				
960	WTCH-WI	1320	WFHR-WI	1590	WCQM-WI		WOWN-WI p				
970	KXTP-WI	1330	WHBL-WI		WPVL-WI	99.7	WWIS-WI				
980	WPRE-WI	1380	WTJK-WI	92.1	WRLS-WI		WDDC-WI				
1010	WSPO-WI	1400	WATW-WI	92.3	wjpd-mi		WRCO-WI				
1090	WISS-WI		WBIZ-WI	92.7		102.3					
1150	WHBY-WI		WDUZ-WI	93.3	WBSZ-WI	105.3	WRLO-WI				
1230	WIKB-MI		WRDB-WI	93.7	WEKZ-WI		WEVR-WI				
	nesota Twins 1999 Ie via Bob Galerste		Carneal, John Go	ordon,	Bert Blyleven, Pa	ul Moi	itor (from Media				
570	WNAX-SD	1220	KDDR-ND	1340	KXPO-ND	1480	KAUS-MN				
600	KEYZ-ND	1230	KGHS-MN		KTOQ-SD	1490	KOVC-ND				
610	KDAL-MN		KMRS-MN	1390	KRFO-MN	1520	KMAV-ND				
730	KWOA-MN		KTRF-MN		Krrz-nd	1580	KDOM-MN				
790	KFGO-ND		KWNO-MN	1400	KEYL-MN	1600	KDAK-ND				
830	WCCO-MN *	1240	WJON-MN		KMHL-MN	92.1	KRUE-MN				
860	KNUJ-MN		KDLR-ND		WHLB-MN		WYRQ-MN				
920	KDHL-MN	1250	KBRF-MN		KQDJ-ND	94.3	KDOM-MN				
	KWAD-MN	1260	KROX-MN	1410	KHOL-ND		KMSR-MN				
930	KKIN-MN	1270	WWWI-MN	1420	KTOE-MN	99.3	KSTQ-MN				
•	KSDN-SD		KLXX-ND	1430	KNSP-MN	100.1	KOLV-MN				
950	KWAT-SD	1300	KGLO-IA	1450	KATE-MN	103.1	KFIL-MN				
1060	KGFX-SD	1320	KOZY-MN		KBUN-MN	105.5					
1140	KSOO-SD h	1340	KDLM-MN		KBMW-ND	106.1	KQLX-ND				
1190	KMFX-MN		KROC-MN	1460		106.3	-				
1210			KWLM-MN	1470		107.1	•				
	-				WIN	ΛW	AM 55				



	V 1 V 1		G. 11. 3.4.	• • • •			33
New	York Yankees 1 html 04/09/99) (a	1999 Johr	i Sterling, Micl	1ael Kay (from http://ww	ww.yankee	s.com/web/home/
main. 550	WLKW-RI	900					IATEL NA NEV
600	WICC-CT	950	WSWN-FL WIBX-NY	1240	WBAX-PA		WELM-NY
620	WHEN-NY	1000	WVWI-VI fy	1270 1320	WTSN-NH WEEX-PA		WACK-NY
630	WEIL-PA	1140	KSOO-SD gh	1340	WBRK-MA		WENE-NY
640	WNNZ-MA	1150	KDEF-NM	1340	WENT-NY		WWTM-MA WPAM-PA
770	WABC-NY*	1160	WPIE-NY		WIRY-NY		WKNY-NY
790	WTNY-NY	1180	WJJF-RI g	1360	KUIK-OR d	1170	WFAD-VT g
800	WLAD-CT		WWCO-CT		WKDR-VT	103.5	WNNR-NY
820	WZTM-FL		WJTN-NY		WPOP-CT	104.9	WSRD-NY
Oakla	and Athletics 19	99 Bill K	ing, Ken Korac	h, Ray Fos	se (from Medi	a Guide vi	a Bob Galerstein)
580	KCMX-OR	970	KANM-CA	1140	KHTK-CA	1440	KVON-CA
950	KAHI-CA	980	KINS-CA	1230	KCBN-NV		KMCA-CA
960	KABL-CA*	990	KATD-CA		KPMO-CA		KVML-CA
Phila	delphia Phillies	1999 ++ (from http://ww			st.html 02/2	
590	WARM-PA		WPHT-PA		WLBR-PA		WGYM-NI
790	WAEB-PA		WCMC-NI	1320	WGET-PA	1470	WAZL-PA
850	WEEU-PA		WBPZ-PA	1360	WPPA-PA		WBCB-PA
1150	WDEL-DE	1240	WYGL-PA	1400	WRAK-PA		WLPA-PA
	_			1460	WWKL-PA	105.5	WCHX-PA
Pitts	hurah Pirates	1000 I a	nny Erattara (alk (from http://
www	pirateball.com/	nhRADI	nny rrattare, s NNFT heml 02/2	oteve blas	ss, Greg Brow	n, Bob W	alk (from http://
	= '	=					
590	WMBS-PA		WKST-PA	1430	WVAM-PA	1490	WESB-PA
600	WFRM-PA		WNAE-PA	1440	WRBP-OH		WMGW-PA
940 990	WESA-PA	1330	WFLP-PA	1450	WAJR-WV		WNTJ-PA
	WVSC-PA KDKA-PA*	1240	WETZ-WV WCVI-PA	1450	WFRA-PA	1540	WTCS-WV
1160	WCCS-PA	1340	WOYL-PA		WJPA-PA		WECZ-PA
1230	WBVP-PA		WTRN-PA	1460	WMAJ-PA	97.7	WILE-OH
1250	WTIV-PA		WHAR-WV	1480	WMBA-PA WCNS-PA	102.1 103.9	WOWQ-PA
1270	WCBC-MD	1400	WKBI-PA	1490	WWPR-FL	103.9	WWIZ-PA
	WILE-OH	1100	WBBD-WV	1170	WOHI-OH		
San Fr	rancisco Giants	1999 Ion		inson Mi		uana Kuiin	er, Lon Simmons
(from	http://www.sfgi	ants.com	NEWS INFO/	RROADC	AST/radio sta	tione himl	04/03/99 and Me-
dia G	uide [via Bob Ga	alerstein]	"Remaining no	twork aff	iliates to be an	inounced")	(SS) Amaury Pi-
Gonza	ales, Erwin H. H	igueros (one station only	y)		,	(90)::::::::::::::::::::::::::::::::::::
5 7 0	KQNG-HI x	760	KGU -Hl c	1330	KYNO-CA	1490	KRKC-CA
580	KTMT-OR	1110	KAOI-HI x	1340	KATA-CA	1470	KSYC-CA x
600	KNRO-CA		KJUG-CA	1360	KUIK-OR dx	1560	KIQS-CA x
620	KMIC-CA		KXBX-CA	1370	KZSF-CA*S	1580	KTFN-CA
670	KPÚA-HI		KPLY-NV	1400	KKIL-CA	92.7	KMFB-CA a
680	KNBR-CA*				,-	, <u>-</u>	
Seattl	e Mariners 1999	Dave Ni	ehaus, Rick Ri	zzs (from	http://www.ma	riners.org	as of Feb. 4, 1999
and M	ledia Guide (via	Bob Gal	erstein] as of Ja	n. 30, 1999))		-5 01 100, 1, 1999
580	KRSA-AK		KKRT-WA		KIT -WA		KONP-WA
680	KOMW-WA	920	KXLY-WA		KLER-ID	1470	KELA-WA
710	KIRO-WA*	990	KRKT-OR	1320	KGDC-WA	1490	KBSR-MT
800	KINY-AK	1020	KAXX-AK		KXRO-WA		KVAC-WA
840	KSWB-OR	1030	KMAS-WA	1340	KIHR-OR	1520	KFXX-OR
	KMAX-WA	1080	KVNI-ID	1350	KRLC-ID	1550	KVAN-WA
850	CKMA-BC	1170	KPUG-WA	1390	KSLM-OR	100.3	KWIQ-WA
870	KFLD-WA	1240	KCVL-WA	1400	KEDO-WA	100.9	KAKN-AK
900	CJVI-BC		KGY -WA	1430	KBRC-WA	101.7	
1	LIVAN		KXLE-WA	14 50	KGRZ-MT	106.3	KZLR-WA B
ДЩЗ	WNAD)					
АMŽ	MITTI						
Ō	THE MUSIC OF YOUR LIFE)					

Texas Rangers 1999 Eric Nadel, Vince Cotroneo (from http://www.krld.com/tx-affil.htm 05/05/99)

600	KTBB-TX	1240	KVSO-OK		KBWD-TX	92.1	KTFW-TX
690	KPET-TX		KTAM-TX	1390	KPOS-TX	92.3	KCUL-TX
710	KGNC-TX		KVLF-TX E	1400	KVRP-TX	94.3	KSEY-TX
740	KCMC-TX	1260	KKSA-TX	1410	KCUL-TX	97.7	KEAS-TX
760	KSEV-TX	1280	KGMM-TX	1430	KEES-TX	98.3	KCUB-TX
	KTKR-TX	1290	KGYN-OK	1450	KGFF-OK		KPTX-TX
860	KSFA-TX	1300	KFLO-LA E	1490	KPLT-TX	101.9	KACQ-TX
990	KTUB-TX		KVET-TX	1510	KCTX-TX	103.1	KRYL-TX
1080	KRLD-TX *	1320	KVMC-TX	1550	KCOM-TX	103.3	KWOW-TX
1090	KKYN-TX	1330	KLBO-TX	1560	KEGG-TX	104.3	KGAS-TX
1150	KCCT-TX		KSWA-TX	1580	KFDF-AR	106.3	KAUM-TX
1220	KMVL-TX E	1340	KKAM-TX		KGAF-TX	107.3	KPOS-TX
	KZEE-TX	1350	KKEN-OK	1590	KGAS-TX		
1230	KSST-TX	1380	KXCA-OK	1600	KOGT-TX		

Toronto Blue Jays 1999 Tom Cheek, Jerry Howarth (from http://www.bluejays.ca/stats/radio.html as of Feb. 1999) and Media Guide [via Bob Galerstein])

570	CKGL-ON	980	CRUZ-ON		CJNH-ON	1490	CKEN-NS
580	CKY -MB	1050	CHUM-ON *	1270	CJTN-ON	15 7 0	CKMW-MB
630	CJET-ON	1070	CHOK-ON	1280	CJSL-SK	1750	CKAD-NS
650	CKOM-SK	1190	CFSL-SK	1290	CJBK-ON	94.1	CKNR-ON
710	CJRN-ON	1200	CJBZ-ON	1300	CJME-SK		CIMG-SK
82 0	CHAM-ON	1210	CFYM-SK	1330	CJYM-SK	95.1	CKCB-ON
920	CJCH-NS	1240	CJRW-NS	1420	CKDY-NS	96.7	CHYR-ON
960	CFFX-ON		CJCS-ON	1450	CFAB-NS	103.3	CKDY-NS

- * = flagship station
- a = The Giants' list has KFFB 92.7 FM/96.7 Mendocino, CA

KFFB is 106.1 in Fairfield Bay, AR. There is no 96.7 in Mendocino; 92.7 is KMFB-CA in Mendocino.

- b = Ken Onyschuk's source lists 910 KNEW; Bob Karchevsky reports from San Jose Mercury News for 9 Feb, 1999 that the flagship is 960 KABL-CA. Spring training games will be broadcast on both stations, commonly owned by Chancellor. Broadcasting and Cable lists KNEW.
- c = This station broadcasts both the San Fransisco Giants and the Los Angeles Dodgers.
- d = This station broadcasts both the San Francisco Giants and the New York Yankees.
- e = The Royals' list has a typo "KKTR".
- f = This station is on the 03/24/99 Yankees' Bob Galerstein list but not on the web page (downloaded 04/09/99)
- g = This station is on the Yankees' web page (downloaded 04/09/99) but not on the 03/24/99 Bob Galerstein list.
- h = This station broadcasts both the New York Yankees and the Minnesota Twins.
- i = This station is on the Sox's web page and Media Guide but not on the Ken Onyschuk list.
- j = This station is on the Ken Onyschuk list and Media Guide but not on the Sox's web page.
- k = This station in on the Sox's web page but not in the Media Guide nor on the Ken Onyschuk list.
- 1 = This station is on the Ken Onyschuk list but not on the Sox's web page nor in the Media Guide.
- 1 THIS STATION IS ON THE RELEGIATION HIS DUT NOT ON THE POSSIBLE STATE OF THE PROCESS AND THE POSSIBLE STATE OF THE
- m = WGEN (AM) is on the the Sox's web page and the Ken Onyschuk list, but WGEN (FM) is in the Media Guide.
- n = night games only [no stations in this category yet]
- o = This station broadcasts the Kansas City Royals, the Colorado Rockies, and the Houston Astros.
- p = The Brewers' list has "960 WTCH/WOWN Showano"; WOWN is the FM station.
- $\rm q$ = The Rockies' list has "92.7 KFCA-AR Conway", but that station is KASR. The Rockies' list also interchanges the Conway calls KFCA and KTOD.
- r = This station broadcasts both the Colorado Rockies and the Houston Astros.
- s = selected games
- t = This station is on the Royals' web page but not on the KC Star list.
- u = This station is on the KC Star list but not on the Royals' web page.
- v = This station broadcasts the Los Angeles Dodgers and the Colorado Rockies.
- w = This station is in the Dodgers' Media Guide but not the Gary Jackson list.
- x = This station is on the Giants' web page but not in the Media Guide. But the Media Guide states, "Remaining network affiliates to be announced."
- y = This station broadcasts the Atlanta Braves and the New York Yankees.
- z = This station broadcasts both the Cincinnati Reds and the Cleveland Indians.

- A AFRN is the Armed Forces Radio Network.
- B = The Mariners' list has 100.3 KZLR-WA Twisp". The FM station in Twisp is 106.3 KVLR.
- C = This station broadcasts the Colorado Rockies and the Arizona Diamondbacks.
- 1) = This station broadcasts day games only. [none yet]
- E = This station broadcasts the Houston Astros and the Texas Rangers.
- K = Korean
- N = Northern Sports Network

PITTSBURGH

Morgantown

Clarksburg

BRIDGEPORT

S = Spanish

OH/

Parkersburg

US 50

N R C ANNUAL CONVENTION

September 3-6, 1999 Holiday Inn

Bridgeport, West Virginia

Here's your chance to begin the autumn dx season in one of the best places we can imagine in the whole country! Just think: No big city stations for miles and miles, and pests? None! That's right! Bridgeport has no AM station, and Clarksburg several miles away has just two AMs with night operations, and they are both 1,000 Watters! Where else can you get away from it all for a terrific weekend in the beautiful hills of West Virginia with new and old friends who share your hobby?!

And it all starts on Friday, September 3rd. We'll have a reception program in that evening you won't want to miss when Bill and Brenda Swiger get things rolling for the weekend.

Saturday is a time for the dxers to get out and

around — and the ladies too will have a wonderful time in nearby Clarksburg at the Italian Heritage Days celebration, and those who attended the craft fair and Civil War re-enactment when we met in Bridgeport during our 1991 convention are still talking

about it!



CHARLESTON

But the real fun? Of course. Meeting many of the NRC'ers you've read about and who have become such familiar names in the hobby. Many of them will have attended these conventions in the past and they'll be able to help you figure out what's going on most of the time. Our tried and true receptionists will keep you newcomers on track too. So come on Friday if you possibly can and plan for a full day of activities on Saturday and Sunday. Sunday morning we'll have the annual NRC test ... loads of fun. Those interested in the DX Audio Service can attend a live

taping of portions of the October 1999 edition. In between the scheduled events, relax, meet and chat with others who share this wonderful hobby. It's really a neat time for all of us.

Very Important: Let Bill and Brenda Swiger know you are coming by August 1st because they have to give the Holiday Inn a pretty good count of attendees for our convention.

HERE'S THE DETAILS:

Hotel: Holiday Inn, 100 Lodgeville Road, Bridgeport, WV. 1-304-842-5411— \$70.85 including tax for a Room with two double beds and no limit mentioned on how many can be in a room. Reservations MUST be made by August 13, 1999 to guarantee this rate! Be sure to call the Bridgeport Holiday Inn directly (not through the 800 number) to get that special low rate and tell them you are with the National Radio Club.

Convention Registration: \$35 up to August 1st and includes Saturday banquet, Sunday breakfast and all the soda / beer and snacks you can snarf during the weekend. Please register by August 1st so we can be sure to have enough hotel rooms reserved. Registration after August 1st is \$40. Your registration abould include your name and the name of any guest and payment for each person you are registering for the convention. Send that to:

Mr. William Swiger, One Casey Lane, Bridgeport, WV 26330.

304-842-4635
Auction items should be sent to this same address.

Travel:

Air: You can fly US Air into Clarksburg and take a taxi from there to Bridgeport. Experienced travelers in and out of Bridgeport usually find it just as easy and less expensive to rent a car in Pittsburgh (2 hours) or Columbus (3 hours) and drive to Bridgeport.

Bus: Greyhound has daily service from Baltimore, Charleston, Columbus, Pittsburgh and Washington.

Train: Train transportation to Bridgeport is not available.

A RARE OPPORTUNITY! NEW X-BANO STATION .. 1610 kHz .. and you can be on it!!

Yes, the world famous convention station will be on the air to inform and entertain you. Some of the most professional air talent in the club hits the radio waves starting on Friday for your drive in. There will be contests, and lots of fun. AM? FM? It wouldn't be DX unleas you really went looking for it! So tune in 1610 as you get near Bridgeport and be sure to come see us once you're settled in at the convention hotel.

Graveyard Achievements

Bill Hale phantom2@eaze.net

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

Distance records for stations logged on graveyard frequencies

Logged from Jan 1, 1960 to Present Date of Last Update: March 3, 1999 * indicates record held by DXer from North America

<u>Station</u>		City	<u>DXer</u>	DX Location	<u>Miles</u>
WDNG	AL	Anniston	Carl Dabelstein	Overland Park, KS	615
WSMQ		Bessemer	Mike Hawk	Omaha, NE	732
WDLK		Dadeville	Jim Renfrew	Rochester, NY	837
WDIG		Dothan	Ernie Wesolowski	Omaha, NE	915
WFIX		Huntsville	Carl Dabelstein	Lincoln, NE	686
WLAY		Muscle Shoals	Carl Dabelstein	Omaha, NE	642
			Ernie Wesolowski	Omaha	(Tie) 642
KLAM		Cordova	Esa Hänninen	Lemmenjoki, Finland	3497
KAWT	ΑZ	Douglas	Phil Bytheway	Seattle, WA	1311
KNOT		Prescott	Bruce Reynolds	Warrensburg, MO	1076
KVSL		Show Low	Robert Kramer	Chicago, IL	1328
KOPO		Tucson	Mike Hardester	Modesto, CA	674
KENA		Mena	Carl Dabelstein	Overland Park	307
KYOR	CA	Blythe	Mike Sanburn	Bellflower, CA	214
KAVA		Burney	Nancy Johnson	Aberdeen, WA	436
KOWN		Escondido	Michael Rolph	Oakwood, NSW	7406
			Mike Sanburn	Bellflower	*92
KPSI		Palm Springs	Carl Dabelstein	Phoenix, AZ	256
KTIP		Porterville	Frank Merrill	Nenana, AK	2319
KEST		San Francisco	Esa Hänninen	Lemmenjoki	4907
KSOL			Dave Whatmough	Hamilton, ON	*2244
KVML		Sonora	Nancy Johnson	Aberdeen	645
KVEN		Ventura	Michael Rolph	Oakwood	7329
_			Phil Bytheway	Seattle	*937
KOBO		Yuba City	Esa Hänninen	Lemmenjoki	4799
			Phil Bytheway	Seattle	*587
KGIW	CO	Alamosa	Olle Alm	Abisko, Sweden	4600
			Frank Merrill	Milan, MI	*1222
KDMN		Buena Vista	Wayne Heinen	Aurora, CO	95
KGRE		Greeley	Olle Alm	Abisko	4386
KATR		a	Jim Boehm	San Antonio, TX	*836
KDRW		Silverton	Niel Wolfish	Winnipeg, MB	959
WNAB		Bridgeport	Frank Wheeler	Erie, PA	423
WILM		Wilmington	Don Trelford	Runaway Bay, Jamaica	1477
WOL		Washington	Steve Francis	Alcoa, TN	439
wwjB	FL	Brooksville	Jerry Starr	Youngstown, OH	872
WMFJ		Daytona Beach	Andy Rugg	Montreal, PQ	1196
WOCN		Miami	Joe Kureth	Southern Pines, NC	648
WBSR		Pensacola	Don Trelford	Runaway Bay	1040
WSPB		Sarasota	Dave Whatmough	Hamilton	1111
WSTU		Stuart	Don Trelford	Runaway Bay	637
WTAL	٥.	Tallahassee	Charles Reh	Leamington, ON	808
WGPC	GA	Albany	Don Trelford	Runaway Bay	1007
WBHF		Cartersville	Ron Bailey	Shelby, NC	201
WCON		Cornelia	Carl Dabelstein	Lincoln	840
WKEU		Griffin	Ron Bailey	Shelby	209
WMVG		Milledgeville	Don Trelford	Runaway Bay	1079
WQQT		Savannah	Russ Edmunds	Parsippany, NJ	711
WVLD	***	Valdosta	John Wilkins	West Des Moines, IA	946
KBFI	ID	Bonners Ferry	Shawn Axelrod	Winnipeg, MB	867
KVSI		Montpelier	Phil Bytheway	Seattle	651
KORI		Payette	Esa Hänninen	Lemmenjoki	4420
KIOV			MB DXPedition	Valhalla Beach, MB	*1053
KEZJ		Twin Falls	Olle Alm	Abisko	4411

					37
			Shawn Axelrod	Winnipeg	*962
WOLV	lL	Cicero	Shawn Axelrod	Winnipeg	708
WYON		Cicero	Joe Kureth	Southern Pines	643
WEEL		Kewanee	Carl Dabelstein	Lincoln	352
WCVS			Russ Edmunds		818
	TAT	Springfield		Parsippany, NJ	
WAFX	IIN	Fort Wayne	Niel Wolfish	Winnipeg	833
WLYV			Shawn Axelrod	Winnipeg	(Tie) 833
wxvW		Jeffersonville	Niel Wolfish	Winnipeg	968
WASK		Lafayette	Niel Wolfish	Winnipeg	814
WAOV		Vincennes	Bill Dvorak	Madison, WI	318
KCDR	ĪΑ	Cedar Rapids	John Wilkins	Wheat Ridge, CO	715
KWBW		Hutchinson	Shawn Axelrod	Winnipeg	803
WTCO		Campbellsville	Russ Edmunds		652
	1/1			Little Silver, NJ	
WWXL		Manchester	Jeff Falconer	Clinton, ON	471
WPAD		Paducah	Shawn Axelrod	Winnipeg	968
WLKS		West Liberty	Charles Reh	Leamington	287
KNOC	LA	Natchitoches	Frank Merrill	Milan	883
WNPS		New Orleans	Charles Reh	Leamington	935
WRKD	ME	Rockland	Jean Burnell	St. John's, NF	825
WKTQ		South Paris	Don Voorhies	Oswego, NY	303
WTBO	MD	Cumberland	Steve Francis	Alcoa	391
WTHU	1110	Thurmont			
	3.7.4		Charles Reh	Leamington	317
WNBP	MA	Newburyport	Steve Kennedy	Coal Township, PA	322
WMAS		Springfield	Marc DeLorenzo	Hyannis, MA	125
WATZ	MI	Alpena	MB DXPedition	Valhalla Beach, MB	734
WHTC		Holland	Carl Dabelstein	Omaha	525
			Ernie Wesolowski	Omaha	(Tie) 525
WMIQ		Iron Mountain	Niel Wolfish	Winnipeg	500
			Shawn Axelrod	Winnipeg	(Tie) 500
WIBM		Iackson	Ron Musco	Windsor	580
WKLA			Jeff Falconer		
WNBY		Ludington		Clinton	243
		Newberry	Russ Edmunds	Parsippany	679
WHLS		Port Huron	Steve Francis	Alcoa, TN	503
KATE	MN	Albert Lea	Olle Alm	Abisko	3963
			Niel Wolfish	Winnipeg	*454
			Shawn Axelrod	Winnipeg	(Tie) *454
KBUN		Bemidji	Gary Atkins	Louisville, KY	805
KBMW		Breckenridge	Esa Hänninen	Lemmenjoki	3975
			Morris Sorensen	Leaf Rapids, MB	*755
WELY		Ely	Joe Kureth	Uniontown, MD	931
KCLD		St. Cloud	Don Trelford	Scarborough, ON	743
WROX	MC	Clarksdale			
	MS		Andy Rugg	Waterloo, ON	820
WCJU		Columbia	Joe Kureth	Uniontown	921
WJXN		Jackson	Charles Reh	Leamington	7 91
WMGP		Meridian	Don Trelford	Scarborough	940
WROB		West Point	Jerry Starr	Youngstown	678
KFTW	MO	Fredericktown	Jim Boehm	San Antonio	<i>7</i> 31
WMBH		Joplin	Niel Wolfish	Winnipeg	903
		, 1	Shawn Axelrod	Winnipeg	(Tie) 903
KIRX		Kirksville	Niel Wolfish	Winnipeg	692
		ransonic	Shawn Axelrod		
KOKO		Marronchura		Winnipeg	(Tie) 692
		Warrensburg	Paul Mount	Teaneck, NJ	1055
KWPM	3.470	West Plains	Steve Francis	Alcoa	443
KXXL	MT	Bozeman	Ernie Wesolowski	Omaha	809
KUDI		Great Falls	Esa Hänninen	Lemmenjoki	4120
			Ernie Wesolowski	Omaha	*865
KGRZ		Missoula	Nancy Johnson	Aberdeen	462
KRBN		Red Lodge	Shawn Axelrod	Winnipeg	644
		0-	Phil Bytheway	Seattle	(Tie) 644
KSKR		Whitefish	Nancy Johnson	Aberdeen	452
KVCK		Wolf Point	Niel Wolfish		401
A T CIX		TOIL TOILL		Winnipeg	
VMDE	NIF	Dontaino	Shawn Axelrod	Winnipeg	(Tie) 401
KWBE	NE	Beatrice	John Johnson	Billings, MT	704
KCSR		Chadron	Ernie Wesolowski	Omaha	372
KONE		Reno	Frank Merrill	Nenana	2086
WKXL	NH	Concord	Jeff Falconer	Clinton	504
WIIN		Atlantic City	Esa Hänninen	Lemmenjoki	3968
WFPG	•	•	Bill Dvorak	Madison	*818
WCTC		New Brunswick	Steve Francis	Alcoa	613
KRZY	NM	Albuquerque	Ernie Wesolowski	Omaha	709
	7.4141	aquerque	Line Westlowski	Omana	709

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38 KLMX		Clayton	Frank Merrill	Milan	1109
KOBE		Las Cruces	Phil Bytheway	Seattle	1336
KSEL		Portales	Shawn Axelrod	Winnipeg	1115
WCLI	NY	Corning	Don Trelford	Scarborough	161
WWSC		Glens Falls	Charles Reh	Leamington	463
WHIDL		Olean	Charles Reh	Leamington	210 263
WKII'		Poughkeepsie	Andy Rugg Jeff Falconer	Nuns' Island, PQ Clinton	307
WKAL WATA	NC	Rome Boone	Robert Kramer	Chicago	519
WGNC	140	Gastonia	Charles Reh	Leamington	473
WIIVH		Henderson	Andy Rugg	Montreal	678
WHKP		Hendersonville	Don Trelford	Runaway Bay	1212
WFBS		Spring Lake	Joe Kureth	Uniontown	323
KGCA		Rugby	Carl Dabelstein	Lincoln	547
WJER	OH	Dover Hamilton	Jeff Falconer Niel Wolfish	Clinton Winnipeg	214 942
WMO11		паниноп	Shawn Axelrod	Winnipeg	(Tie) 942
WLEC		Sandusky	Steve Kennedy	Coal Township	325
KWHW	OK	Altus	Olle Alm	Abisko	4660
			Niel Wolfish	Winnipeg	1046
			Shawn Axelrod	Winnipeg	(Tie) *1046
KGFF		Shawnee	John Wilkins	Wheat Ridge	543
KSIW	OB	Woodward	Phil Bytheway Esa Hänninen	Seattle Lemmenjoki	1401 4487
KKXO	OK	Eugene	Tim Hall	Monterey, CA	*521
KFLS		Klamath Falls	Esa Hänninen	Lemmenjoki	4600
TCT ELD			Tim Hall	Santa Cruz, CA	*362
KLBM		LaGrande	Esa Hänninen	Lemmenjoki	4348
			MB DXPedition	Valhalla Beach	*1056
KBPS		Portland	Phil Bytheway	Seattle	144 504
WWGO	PA	Erie Franklin	Marc Delorenzo UK DXPedition	Hyannis Shoigra Scotland	3326
WFRA		riankiin	Marc Delorenzo	Sheigra, Scotland Hyannis	*493
WDAD		Indiana	Andy Rugg	Pointe Claire, PQ	425
***************************************		mann.	Steve Francis	Alcoa	(Tie) 425
WPAM		Pottsville	Andy Rugg	Pointe Claire	348
WMPT		South Williamsport	Frank Merrill	Toledo, OH	342
WMAJ		State College	Steve Francis	Alcoa	481
WJPA	DI	Washington	Steve Francis	Alcoa Uniontown	366 326
WWRI WQSN		West Warwick Charleston	Joe Kureth Andy Rugg	Montreal	941
WCRS	30	Greenwood	Harold Frodge	Midland, MI	661
WHSC		Hartsville	Carl Dabelstein	Lincoln	1012
WMYB		Myrtle Beach	Marc DeLorenzo	Hyannis	721
KBFS	SD	Belle Fourche	Shawn Axelrod	Hecla Island, MB	555
KYNT		Yankton	Niel Wolfish	Winnipeg	469
			Shawn Axelrod Tim Hall	Winnipeg Winnipeg, MB	(Tie) 469 (Tie) 469
WLAR	TNI	Athens	Ernie Wesolowski	Omaha	741
WMOC	114	Chattanooga	Ernie Wesolowski	Omaha	728
······································		Chattanooga	Carl Dabelstein	Omaha	(Tie) 728
WDSG		Dyersburg	Steve Francis	Alcoa	303
WSMG		Greeneville	Carl Dabelstein	Lincoln	814
WLAF		La Follette	Steve Kennedy	Coal Township	513
WGNS	TV	Murfreesboro	Don Trelford Eric McIntosh	Scarborough	660 8026
KAYC	17	Beaumont	Michael Hawk	Invercargill Omaha	*781
			Ernie Wesolowski	Omaha	(Tie) *781
			Carl Dabelstein	Omaha	(Tie) *781
KBEN		Carrizo Springs	Carl Dabelstein	Lincoln	865
KCTI		Gonzales	Steve Ponder	Houston, TX	126
KMBL		Junction	Ernie Wesolowski	Omaha	770 122
KCYL		Lampasas	Steve Ponder	Ft. Worth, TX	123
KMHT		Marshall Palestine	Steve Ponder Carl Dabelstein	Bossier City, LA Lincoln	37 627
KNET KSNY		Snyder	Ernie Wesolowski	Omaha	671
10.41		, wei	Carl Dabelstein	Omaha	(Tie) 671
KCNY	UT	` Moab	Carl Dabelstein	Omaha	735
KURA			Ernie Wesolowski	Omaha	(Tie) 735
KEYY		Provo	Shawn Axelrod	Winnipeg	962

				;	
					39
▶1 1×11		St. George	Ernie Wesolowski	Omaha	977
WHO	VT	Barre	Steve Kennedy	Coal Township	310
WUA		Brattleboro	Jeff Falconer	Clinton	452
WEER	VA	Front Royal	Ernie Wesolowski	Omaha	961
WINZ		Highland Springs	Marc DeLorenzo	Hyannis	470
wkbl.		Lexington	Bob McCoy	Lincoln, NE	946
WMVA		Martinsville	Don Voorhies	Oswego	422
WLPM		Suffolk	Pete Taylor	Williamsburg, VA	41
KAYO	WA	Aberdeen	Esa Hänninen	Lemmenjoki	4300
KBKW			Jack Woods	Douglas, AK	*895
KCLX		Colfax	Olle Alm	Abisko	4168
			Nancy Johnson	Billings, MT	*430
KONP		Port Angeles	Esa Hänninen	Lemmenjoki	4217
			LEM96	Lemmonjoki, Finland	d (Tie) 4217
			Shawn Axelrod	Swan River, MB	*1017
KAYE		Puyallup	John Johnson	Sheridan, WY	753
WWBB	WV	Madison	Frank Merrill	Holland, OH	272
WPAR		Parkersburg	Jim Renfrew	Rochester	318
KFIZ	WI	Fond du Lac	Morris Sorensen	Leaf Rapids	1055
WHRY		Hurley	Niel Wolfish	Winnipeg	394
		ř	Shawn Axelrod	Winnipeg	(Tie) 394
WDLB		Marshfield	Don Trelford	Scarborough	544
WPEP		Park Falls	Ernie Wesolowski	Omaha	431
WRCO		Richland Center	John Johnson	Sheridan	829
KBBS	WY	Buffalo	Olle Álm	Abisko	4167
			Ernie Wesolowski	Omaha	*577
			Carl Dabelstein	Omaha	(Tie) *577
KVOW		Riverton	Olle Alm	Abisko	4281
			Mike Sanburn	Bellflower	*820
CFHC	AB	Canmore	Tim Hall	Lake Louise, AB	41
CKYR		Jasper	Shawn Axelrod	Winnipeg	928
CBKS	BC	Cache Creek	Tim Hall	Ellensburg, WA	267
CHET		Chetwynd	Frank Merrill	Nenana	1110
CHBV		Houston	Esa Hänninen	Lemmenjoki	3841
CKSP		Summerland	Nancy Johnson	Aberdeen	263
CBG	NF	Gander	Olle Álm	Göteborg, Sweden	2694
CFAB	NS	Windsor	UK DXPedition	Sheigra	2604
			Jean Burnell	St. John's	*576
CFJR	ON	Brockville	Charles Reh	Leamington	386
CHUC		Cobourg	MB DXPedition	Valhalla Beach	987
CKDR4		Ear Falls	Niel Wolfish	Winnipeg	186
CBGA4	PO	Causapscal	Andy Rugg	Pointe Claire	374
CHEF	-	Granby	Esa Hänninen	Lemmenjoki	3560
		,	MB DXPedition &	Arnes	*1175
CBMA		Noranda	Morris Sorensen	Kirkland Lake, ON	78
CHRT		StEleuthere	Joe Kureth	Uniontown	665
XEYZ	AGU	Aguascalientes	Tim Hall	20mi W of Puerto Va	
XESS	BCN	Ensenada	Mike Sanburn	Bellflower, CA	165
XEARE	CHIH	Ojinaga	Jim Boehm	San Antonio	362
XETD		Tecuala	Jim Boehm	San Antonio	655
XEJM		Monterrey	Jim Boehm	San Antonio, TX	289
XEDI	SON	Magdalena	Tim Hall	Chula Vista, CA	385
XECB		San Luis Rio Colorad		John Wilkins	Wheat Ridge
736	T43.00	0: 1 114	T . D . I		
XECM	TAMS	Ciudad Mante	Jim Boehm	San Antonio	463
XEVH		Matamoros	Jim Boehm	San Antonio	262
XEPY		Merida	Don Trelford	Runaway Bay	823
VSB1	BER	Hamilton	Esa Hänninen	Lemmenjoki	4179
			Jean Burnell	St. John's	*1234
HJNL		Manizales	NF DXPedition Team #2	Cappahayden, NF	3185
YVKJ		Catia la Mar	NF DXPedition Team #2	Cappahayden	2644
CMJF		C Amancio R	Shawn Axelrod	Orleans, ON	1714
BED48	Taiwan	Kaohsiung	Pete Taylor	Hong Kong	391
		-	•	- 0	
Manitob	a DXPe	dition [Shawn Axelro	d & Wavne McRael		

Manitoba DXPedition [Shawn Axelrod & Wayne McRae]
NF DXPedition Team #2 [Jean Burnell, Mark Connelly, Bruce Conti and Neil Kazaross]
UK DXPedition [Steve Whitt, Mark Hattam, Clive Rooms]
LEM96 [Mika Makelainen and Jorma Mantyla]

All Graveyard files are now on line at: http://www.angelfire.com/tx2/phantom2/