

June 10, 2006 - Volume 43, Number 28 - Edition 1380 - ISSN 899-9733

This issue... IRCA welcomes **John Lochey** from Grass Lake, MI, **Ian Meyers** from Boynton Beach, FL and **Greg Hall** (KG5RJ/WPE0AWL) from Dallas, TX. DX and report often!!!

BROADCAST TEST COORDINATOR – DX TESTS

Les Rayburn: les@highnoonfilm.com (times are Eastern)

1/22/06+ 0400/0700 1550 KXTO Reno NV (Walker)

KXTO 1550khz Reno, NV DX Test. Date(s): January 22, 2006-March 2006. Time: 01:00 PST (0900 UTC) & 04:00 PST (1200 UTC). ** Program format varies. Test will run as close to TOH as possible. :60 Second long tests in duration. "Inventory Insert" format. Modes of Operation: Normal-"Inventory Insert" 94 Watts, Non-Directional. Programming: Morse Code ID's, Sweep Tones, Voice ID.

Notes: Test will continue for an undetermined amount of time, possibly several weeks so hopefully many DX'ers will find favorable propagation at least one or two nights prior to the end of the test. The station has also stated that they will be doing transmitter maintenance at some point within the next two months, and may be able to accommodate a full power (2.5KW) test at that time. More details as they become available. Nevada is a rare state for many of us in the East, so enjoy this rare chance!

Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available) Station would prefer to receive recordings of the test (MP3, CD, or cassette).

Submit reports to: les@highnoonfilm.com. Please put "KXTO DX Test" in the subject line.

All standard mail reports should go to:

Les Rayburn, High Noon Film, 100 Centerview Drive Suite 111, Birmingham, AL 35216

Thanks to Jose Pacheco, General Manager and the staff of KXTO for this test! Special thanks to member Paul Walker, Jr. who helped to arrange this test and is working with us to set up many more to come. <http://www.walkerbroadcasting.com>

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BROADCASTING INFORMATION

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CALL LETTER CHANGES

FREQ	OLD CALL	CITY	NEW CALL
610	WJFN	Hawkinsville, GA	WCEH
660	new	White Springs, FL	WNFS
690	KSLJ	Blackfoot, ID	KBLI
950	WQTK	Charleston, SC	WJKB
1260	KSSL	Idaho Falls, ID	KBLY
1340	new	Kalispell, MT	KQJZ
1460	WNVJ	North Vernon, IN	WJCP
1490	KYFO	Ogden, UT	KOBN (station silent-ye ed)
1490	WNDV	South Bend, IN	WDND
1580	WDND	South Bend, IN	WHLY

FORMAT CHANGES

FREQ	CALL	CITY	OLD INFO	NEW INFO
600	WCVP	Murphy, NC	country	southern gospel
610	WCEH	Hawkinsville, GA	black gospel	ABC Real Country
700	WJOE	Orange, MA	news/talk	ABC Pure Gold oldies
730	WDOS	Oneonta, NY	country	classic country
830	WCRN	Worcester, MA	ABC true oldies, talk	talk
890	KDJQ	Meridian, ID	regional Mexican	oldies
910	KIYU	Galena, AK	silent	variety
950	WJKB	Moncks Corner, SC	sports	talk
970	WMAY	Springfield, IL	news/talk	talk
980	KGLN	Glenwood Springs, CO	hot AC	soft AC
980	WTEM	Washington, DC	ESPN sports	Fox Sports radio
1010	KCHI	Chillicothe, MO	oldies	classic rock //KCHI-FM
1230	WESX	Salem, MA	ABC Memories AC	Spanish religion
1230	WWSD	Quincy, FL	black gospel	silent
1240	KLOA	Ridgecrest, CA	Jones adult standards	Jones Good Time oldies
1250	KZHN	Paris, TX	urban contemporary	CHR "The Zone"
1260	WGVN	Greenville, MS	ESPN sports	silent
1270	WJJD	Prichard, AL	talk	religious teaching
1290	WBTK	Sheffield, AL	talk	adult standards
1300	WJDA	Quincy, MA	soft AC	ethnic
1310	KACE	Birch Tree, MO	silent	oldies
1320	WMSR	Manchester, TN	classic hits	talk
1330	WAEW	Crossville, TN	oldies	talk
1330	WANG	Havelock, NC	WW1 oldies	WW1 adult hits //WSSM
1340	WKGN	Knoxville, TN	urban AC	Spanish
1350	WCHI	Chillicothe, OH	adult standards	ABC Pure Gold oldies
1360	KWDJ	Ridgecrest, CA	country	talk "Fox Talk 1360"
1370	WGIV	Pineville, NC	silent	black gospel
1380	KDXE	North Little Rock, AR	talk, ESPN sports	talk, Air America "Air America Little Rock"
1390	KULP	El Campo, TX	Jones country	Jones Classic country
1390	WTNL	Reidsville, GA	Spanish religion	silent
1400	KQDJ	Jamestown, ND	adult standards	ESPN sports
1400	KRLN	Canon City, CO	oldies	adult contemporary
1400	KUNO	Corpus Christi, TX	regional Mexican	Spanish oldies "La Preciosa"
1400	WCYN	Cynthiana, KS	country	oldies
1400	WHBS	Moultrie, GA	black gospel	religious teaching
1430	WXAM	Buffalo, KY	traditional country	ESPN sports
1440	KETX	Livingston, TX	country	silent
1450	WBVA	Bayside, VA	contemporary Xtian	rel. teaching //WPMH
1460	WELZ	Belzoni, MS	black gospel	gospel music
1460	WJCP	North Vernon, IN	sports	ABC Country //WJCP-FM
1470	KAIR	Atchinson, KS	Jones classic country	Jones CD C&W//KAIR-FM
1470	WPDM	Potsdam, NY	adult contemporary	country //WSNN-FM
1490	WANA	Anniston, AL	black gospel	country //WTDR 92.7 FM
1550	WVAB	Virginia Beach, VA	religious teaching	gospel music "Praise 1550"
1570	WNCA	Siler City, NC	adult contemporary	oldies
1570	WTRB	Ripley, TN	country	classic country
1580	WVKO	Columbus, OH	black gospel	silent
1590	KMOZ	Rolla, MO	country	rel. teaching //KSIV-FM

NEW STATION GRANTS

1270 WNOG Ft. Myers, FL 5000/5000 DA2

CONSTRUCTION PERMIT ACTIVITY

590	KSUB	Cedar City, UT	DA-N to DAN
660	WBHR	Sauk Rapids, MN	10000/250 DA-2 to 10000/500 DA2
730	KQPN	West Memphis, AR	233/250 DA-N to 1000/1000 DA2
1080	WFTD	Marietta, GA	DA-D to DA2
1310	WCOW	Traverse City, MI	DA-2 to DA2
1340	WTAN	Clearwater, FL	ND to ND2
1370	WGIV	Pineville, NC	ND to ND2
1450	KFSD	Escondido, CA	ND to ND2
1450	WVAX	Charlottesville, VA	ND to ND2
1480	WCIN	Cincinnati, OH	DA-2 to DA2
1570	KBCV	Hollister, MO	DA-2 to DA2 (new CP- ye ed)
1570	WNCA	Siler City, NC	1000/282 ND to 5000/280 ND2
1590	WZUM	Carnegie, PA	DA-2 to DA2

FACILITY AND PARAMETER APPLICATIONS

540	WXNH	Jaffrey, NH	250/330 DA-2 to 250/280 DA2 (new CP- ye ed)
570	KNRS	Salt Lake City, UT	5000/5000 DA-1 to 25000/5000 DA2

610	KVNU	Logan, UT	5000/1000 DA-2 to 1000/1000 DAN
630	KUAM	Agana, Guam	ND to ND2
660	KLTI	Springfield, MO	1000 to 1500/44
690	WOKV	Jacksonville, FL	50000/10000 DA-N to 50000/25000 DAN
740	WMBG	Williamsburg, VA	500/8 ND to 500/7 ND2
890	WAMG	Dedham, MA	25000/3400 DA-2 to 25000/6000 DA2
900	WFIA	Indian Hills, KY	1000/163 to 1000/164
900	WGOK	Mobile, AL	DA-2 to DA2
950	KJRG	Newton, KS	ND to ND2
960	KGKL	San Angelo, TX	DA-N to DAN
960	KKJX	Klamath Falls, OR	DA-N to DAN
1050	KSIS	Sedalia, MO	1000/90 ND to 1000/86 ND2
1070	WKII	Solana, FL	3100/260 ND to 1800/233 ND2
1180	WPLX	Germantown, TN	1000 ND-D to 5000/85 DA3
1210	KQEQ	Fowler, CA	370/370 ND to 5000 DAD
1230	KDIX	Dickinson, ND	ND to ND2
1260	WUFE	Baxley, GA	ND-D to NDD
1300	WJYP	St. Albans, WV	ND to ND2
1420	WKWCW	Warrenton, VA	DA-2 to DA2
1450	WNBY	Newberry, MI	ND to ND2
1450	new	Ruidoso, NM	ND to ND2
1460	WXOK	Baton Rouge, LA	5000/1000 DA-N to 5000/600 DAN
1470	WBFC	Stanton, KY	850/82 ND to 2500/82 ND2
1520	WDYCY	Douglasville, GA	2500 ND-D to 50000 DA2
1540	WKVQ	Eatonton, GA	1000 ND-D to 10000 ND2
1550	KKJY	Albuquerque, NM	5000/120 ND to 5000/27 ND2
1600	KMDO	Fort Scott, KS	530/27 ND to 770/48 ND2 (was silent – ye ed)
1600	KRKE	Albuquerque, NM	10000/128 ND to 10000/175 ND2

FACILITY AND PARAMETER GRANTS

610	KVNU	Logan, UT	5000/1000 to 10000/1000
770	WTOR	Youngstown, NY	9000 to 13000
790	WSQV	Ashland City, TN	500/35 to 2000/35
800	WNNW	Lawrence, MA	DA-N to ND2
890	WAMG	Dedham, MA	25000/3400 to 25000/6000
940	WHIT	Hudsonville, MI	1000/5 to 250
990	KAML	Kenedy-Karnes City, TX	ND to ND1
1000	WMVP	Chicago, IL	50000/50000
1030	KCWJ	Blue Springs, MO	1000/500 to 5000/500
1160	KCTO	Cleveland, MO	1000/215 to 500/230
1180	WSQR	Sycamore, IL	198/17 to 900/1
1190	WAMT	Pine Castle, FL	5000 to 2200/136
1200	WRTO	Chicago, IL	10000/1000 to 20000/4500
1320	KSCR	Eugene, OR	1000/40 to 600/40
1410	WRMN	Elgin, IL	1000/500 DA-N to 1000/1300 DAN
1550	SWAZ	Smyrna, GA	50000/500 to 50000/16
1550	WTTC	Towanda, PA	500/4 ND to 500 NDD
1570	WBGX	Harvey, IL	1000/500 to 1500/500
1580	WSRF	Ft. Lauderdale, FL	10000/5000 to 10000/1500

PUBLIC LISTINGS COURTESY OF THERADIOJOURNAL.COM AND 100000WATTS.COM:

- 950 WQTK Moncks Corner SC changes calls to WJKB, flipping from sports "950 the Team" to sports-talk "The Jock."
- 1460 WNVJ North Vernon IN changes calls to WJCP and flips from ESPN sports to country, picking up the format from WJCP-FM 92.7 Austin IN, which is being sold.

INDIVIDUAL MEMBER AND CONTRIBUTOR LISTINGS:

Eric Bueneman sent along the following:
 In a future edition of "Broadcasting Information", could you explain to the membership what the abbreviation "ND2" and "ND3" means? I know that "ND" is "non-directional", "DA-D" or "DAD" means "directional antenna, daytime", "DA-1" means "directional antenna, same pattern at all hours", "DA-2" means "directional antenna, two different patterns" and "DA-N" means "directional antenna, night". (EB-MO)

And here's my response:
 Antenna mode terminology from: http://www.fcc.gov/Bureaus/MB/Databases/cdbs/_code_table.html
 DA1 Directional Antenna: Same constants day and night
 DA2 Directional Antenna: Different constants day and night
 DA3 Directional Antenna: Different constants day, night, critical hours
 DAD Directional Antenna: Daytime Only
 DAN Directional Antenna: Nighttime Only
 N/A Not Applicable
 ND Non Directional
 ND1 Non Directional Antenna: Same constants day and night
 ND2 Non Directional Antenna: Different constants day and night
 ND3 Non Directional Antenna: Different constants day, night, critical hours
 NDD Non Directional Antenna: Daytime only
 NDN Non Directional Antenna: Night only (ye ed)

Richard Wood sends along the following:
 1180 HI Honolulu KHCM noted here ex-1170 5/4. Had been silent on 1170 for about 2 months, ID's between each C&W selection '11-80 on your dial, KHCM', '11-80 on your radio dial, AM country, KHCM'. The move from 1170 seems pointless to me, and brings KHCM closer to 1210-KZOO. All other Honoluluans are at least 40 khz. apart, now KHCM is only 30 khz. from KZOO. No improvement in nighttime reception here SE of Hilo, either. On 1170, KHCM was cut to pieces by KLOK, KFAQ, and KCBQ (all jostling for the position); on 1180, it's KERI, KOFI and possibly WHAM. (REW-HI)

Richard Wood also sends along the following:
 (from KTRB-860 Modesto, CA verification) "...as you know, KTRB 860 is moving to San Francisco and will be replaced in Modesto by KPMP 840. We expect KPMP 840 to sign on the air in the next 90 days (verie dated 4/21/06-ye ed). At that time, KTRB 860 Modesto will go off the air. The new KTRB 860 San Francisco will have 2 transmitter sites, one for daytime operation and one for nighttime operation. When construction and testing are completed at those new transmitter sites, KTRB 860 San Francisco will go on the air..." "KPMP will be a 5,000 watt station". (REW-HI)

Dale Park sends along the following:
 From the Honolulu Star Bulletin, Vol. 11, Issue 129 - Tuesday, May 9, 2006, The Buzz (Erika Engle)
 Station owner nets \$1 million out of swap
 KORKL-AM 690 and KHCM-AM 1180 will swap ownership this summer in a deal that will net Kauai-based KORKL owner Hochman-McCann Hawaii Inc.\$1 million. California-based Salem Communications Corp., which owns KHCM, announced the intended swap and cash payout along with first-quarter results yesterday morning. Each company will keep its employees, formats and call letters. The latter will migrate when the deal is done, pending filings with and approvals from the Federal Communications Commission. "It's a really good deal for us," said George Hochman, president of Hochman-McCann. The company paid \$550,000 for the 10,000-watt KORKL in 2003, "and we're selling it for a million plus another radio station," he said. A 10,000-watt signal provides much greater broadcast coverage than a 5,000-watt signal but, "We don't really need 10,000 watts," Hochman said. The audience for KORKL's Filipino and Hispanic programming is primarily around West Oahu, where the signal from 1180's Leeward tower is the strongest, he said. Salem, on the other hand, is pleased to be getting the 10,000-watt facility at 690 AM. "We've been a little hamstrung, with three AM radio stations and only one of them has a full-market signal -- that's been KGU (AM 760)," said Steve Miller, general manager of Salem Media of Hawaii Inc. "We're trying to improve our situation by being able to improve the ...market coverage of our signal," he said. KHCM will continue its country music format when it moves to 690 AM, Miller said. "We are definitely committed to the country format here ...there's going to be a lot of people who are happy." Did we mention Hochman was happy too? "We're swapping frequencies and they're putting a nice check in our pocketbook. God bless America," Hochman laughed. "We're going to pour the money back into Hawaii radio," he said. The company has a license and construction permit to build KRUD-AM 1130, the call letters of which Hochman intends to change. "We want to build our own tower site. ... There's a need in the community for another tower on Oahu," Hochman said. "We're serving ethnic markets that need service." Hochman-McCann has until December 2008 to get that station up and running. Separately, Bill Mays, a partner in Hochman-McCann, has another partner, Bill Shirk, with whom he formed. Shirk-Mays LLC. Shirk-Mays is loping through the labyrinthine process of developing an FM station for Kahului, Maui. The FCC yesterday indicated it was prepared to grant Shirk-Mays its construction permit for the station, pending receipt of the remainder of the company's winning bid in a January FCC auction. (DP-HI)

Pat Martin sends along the following from the NRC reflector:
 KRKO/Everett-Seattle Gets Tower Permit From County
 Sports-Talk KRKO, Everett, WA, wins its six year battle with the county to build four new towers to improve its signal, as the SNOHOMISH COUNTY COUNCIL voted to approve the station's permit on MONDAY night. The four towers- one at 350 feet, the others at 200 feet- were scaled back from the originally-proposed 8 tower array and encountered local opposition from residents and environmentalists. Opponents may take the case to court in a last-ditch effort to block tower construction, which they say will damage the aesthetics of the area; the plan also needs to obtain a shoreline development permit. (PM-OR)

Pat Martin also sends along the following from Craig Edwards of Nhulunbuy (Gove) Northern Territory, Australia:
 KTRB San Francisco, CA 860 kHz. Detailed verification letter, sticker and info sheets from v/s Steve Dresser, Chief Engineer, 1192 Norwegian Avenue, Modesto CA 95350 for US\$ rp. Letter stated they are planning a move to San Francisco where they will be 50kW day and night as opposed to 50kW day and 10kW night like now. In Modesto they will have a new station KPMP on 840 kHz with 5kW day and night by the end of the year. (CE) (PM-OR)

Pat Martin sends along the following on some investors in Ibiquty (the handlers of IBOC):
 Radio Broadcasters, ABC, Inc., New York (NYSE:DIS)
 ABC Inc., a subsidiary of The Walt Disney Company, controls a multitude of television and radio interests, including the ABC Network, Buena Vista Television, ESPN, the ABC Cable Network, which features Lifetime and the Disney Channel, and ABC Radio Networks. ABC also owns 10 television stations and 50 radio stations in key markets in the US, making it one of the five largest radio broadcasting companies in the US in terms of station revenue. Beasley Broadcast Group, Inc., Naples, Florida (NASDAQ: BBGI) Founded in 1961, Beasley Broadcast Group, Inc. is one of the 20 largest radio broadcasting companies in the United States. Upon completion of pending acquisitions, Beasley Broadcast Group will own or operate 42 radio stations (26 FM and 16AM) located in eleven large- and mid-size markets across the nation.
 Bonneville International Corporation, Salt Lake City, Utah. Bonneville International Corporation is one of the 20 largest radio broadcasting companies in the United States. In addition to owning a television station, a communications company and a satellite division, the company also owns 34 radio stations.
 CBS Radio, New York, New York. CBS RADIO is one of the largest major-market radio operators in the United States, with stations covering news, alternative rock, country, FM talk, classic rock, oldies, JACK and

urban formats, among others. A division of CBS Corporation, CBS RADIO operates 179 radio stations, the majority of which are in the nation's top 50 markets.

Citadel Communications Corporation, Las Vegas, Nevada (NASDAQ:CITC). Citadel, one of the ten largest radio broadcasting companies in the US, is focused primarily on acquiring, developing and operating radio stations in mid-sized markets throughout the United States. Upon completion of pending transactions, Citadel will own or operate 140 FM and 65 AM radio stations in 42 markets.

Clear Channel Communications, Inc., San Antonio, Texas (NYSE:CCU). Clear Channel Communications, Inc. is the largest radio broadcasting company in the United States. It operates over 1,140 radio stations, and 17 TV stations in the US and has equity interests in approximately 240 radio stations internationally. Clear Channel also operates approximately 700,000 outdoor advertising displays, and is a leader in live entertainment through subsidiary SFX Entertainment.

Cox Radio, Inc., Atlanta, Georgia (NYSE:CXR). Cox Radio is one of the ten largest radio companies in the United States. Upon the consummation of all announced transactions, Cox Radio will own, operate or provide sales and marketing services for 83 stations (68 FM and 15 AM) clustered in 18 markets in the US.

Cumulus Media, Inc., Atlanta, Georgia (NASDAQ:CMLS). Cumulus Media Inc. is the second largest radio company in the United States based on station count. Giving effect to the completion of all announced pending acquisitions and divestitures, Cumulus Media will own and operate 260 radio stations in 54 mid-size, U.S. media markets.

Emmis Communications, Indianapolis, Indiana (NASDAQ:EMMS). Emmis Communications is a diversified media firm with award winning radio broadcasting, television broadcasting and magazine publishing operations. Emmis' 20 FM and 3 AM radio stations serve the United States' largest markets, making Emmis one of the ten largest radio broadcasters in the US. In addition, Emmis owns 2 radio networks and 15 TV stations, and publishes several regional magazines.

Entercom Communications Corporation, Bala Cynwyd, Pennsylvania (NYSE:ETM). Entercom owns 95 stations in 18 markets, making it one of the five largest radio broadcasting companies in the country.

Hispanic Broadcasting Corporation, Dallas, Texas (NYSE:HSP). Hispanic Broadcasting is one of the ten largest radio broadcasting companies in the US, and the country's largest Spanish language radio broadcaster. Hispanic Broadcasting currently owns or operates 47 radio stations in twelve out of the top-fifteen Hispanic markets, and Las Vegas.

Radio One, Inc., Lanham, Maryland (NASDAQ:ROIA). Radio One is one of the 20 largest radio broadcasters in the US and is the largest radio broadcaster serving African-American audiences in the US. The company owns and operates about 50 radio stations in 18 of the biggest African-American markets.

Regent Communications, Inc., Covington, Kentucky (NASDAQ:RGC). Pending the close of all announced transactions, Regent will own and operate 45 stations (31 FM and 14 AM) clustered in 10 markets in California, Michigan, Minnesota, New York, Pennsylvania, and Texas.

Saga Communications, Inc., Grosse Pointe, Michigan (AMEX:SGA). Saga Communications is one of the 20 largest radio broadcasters in the US. The Company owns or operates broadcast properties in 18 markets, including 34 FM and 21 AM radio stations, 2 state radio networks, 1 farm radio network, 4 TV stations and 2 LPTV stations. As previously announced, Saga has entered into an agreement to purchase the stock of Mitchell Bro.

Susquehanna Radio Corp., York, Pennsylvania. Susquehanna Radio describes itself as a communications company whose core business is radio broadcasting, but also creates and provides a variety of other marketing products and services. It is the eleventh largest radio broadcaster in the US. The Company owns and/or operates 29 AM and FM radio stations across the country. (PM-OR)

Pat Martin also sends along the following (from Radio and Records):

Phil Hendrie Retires From Radio

The Premiere Radio Networks' syndicated host announced today that he will retire from his daily nationally syndicated radio show to pursue his acting career. The final live broadcast of The Phil Hendrie Show will take place on June 23. "I have taken my show as far as I can in the present climate of terrestrial radio," said Hendrie about his pending departure. "I've been doing these characters for 16 years, and I believe it's time for me to take them from behind the microphone and present them in front of the camera." Hendrie is currently featured on NBC-TV's sitcom Teachers as cynical history teacher Dick Green. He has also appeared as Judge McCarthy on the sitcom A.U.S.A. and made his motion picture debut in 2004 in Trey Parker's and Matt Stone's Team America: World Police as the voice of I.N.T.E.L.L.I.G.E.N.C.E. and a terrorist character. In addition, Hendrie has performed numerous character voices on episodes of the animated television shows King of the Hill and Futurama. (PM-OR)

Frank Aden passes along the following:

KDJQ-890 Meridian, ID is back to oldies, drops SS. (FA-ID)

Pat Martin sends along the following:

I just called KLIB 1110/1690 Roseville and was told by the secretary that the 1110 license was returned to the FCC to be cancelled. There are no plans to return 1110 to the air by them. Most of the programming went to 1690. The rest of it was dropped for the time being. (PM-OR)

Scott Fybush adds some info to the above re KLIB-1110:

There's a little bit (but not much) more to the story than that.

KLIB's licensee, Multicultural Broadcasting, is one of several parties to a petition that's pending before the FCC to restore the licenses of several stations that were returned as part of the X-band 5-year deadline. The petition basically claims (not without merit) that the FCC's X-band plan has been a failure, and that the public interest would be better served by allowing the "second" stations to remain on the air, in most cases being sold to another licensee (ideally a small business). I don't remember all the parties involved, but the ones that come to mind are WHWH 1350-NJ, KLIB 1110-CA, KYDZ 1180-NE, WJCC 1700-FL, and I know there were others as well. The FCC hasn't yet ruled on the petition. (SF-NY)



Pat responds to the above:

People were questioning KLIB being silent for the last several days, so I thought I would call and find out for sure. I figured they had turned in their license though. (PM-OR)

Pat Martin also sends along the following:

KPOJ 620 is now IBOC and it is not easy to get rid of and still hear KONA 610 good to the East. I used to get KONA at 59 days, now it is buried in almost total hash. KPOJ's 2.5 KW (10% of power) of IBOC noise is terrible. I may have to put up a second beverage, or a BOG to the East to phase KPOJ to get KONA as my other combo of antennas will not do it. Even KWRO on 630 has noise from KPOJ along with KCIS. (PM-OR)

COLUMN CREDITS. Much of the information in the column courtesy of and used with permission of **THE RADIO JOURNAL.COM**, and **10000WATTS.COM**: 'CALL LETTER CHANGES', 'FORMAT CHANGES', 'CONSTRUCTION AND FACILITY PERMIT ACTIVITY', AND 'PUBLIC LISTINGS'. Additional information may also be included in these sections through the FCC Database listings &/or contributions by other individuals. Listings in the "CONTRIBUTOR LISTING" section are strictly individual contributions. Thank you.

Contributors:

Eric Bueneman, St. Louis, MO (EB-MO)

Scott Fybush, Rochester, NY (SF-NY)

Pat Martin, Seaside, OR (PM-OR)

Dale Park, Honolulu, HI (DP-HI)

Richard Wood, Keauau, HI (REW-HI)

DATE OF COLUMN: 05/20/06. I've enclosed a list of some of the terminology used in parts of the column per request from a reader. Info from FCC website. Just 4 more months till the IRCA convention in Seaside, OR, I'm designing the convention logo which will be put on shirts and other items, but it's a surprise, you'll have to attend to find out what it looks like! Hope your DX will pay in May. 73's.

CANADIAN RADIO NEWS

Dan Sys— dysca@yahoo.ca

For May, 2006 (June 1, 2006 (next update July/1/2006)

FORMAT CHANGES

730 BC Vancouver CHMJ From Sports to All Traffic (AMD/PMD) & rebroadcasts of CKNW Talk Shows.

BRANDINGS

730 BC Vancouver CHMJ From "Mojo Radio" to "AM 730"

PROPOSED AM TO FM CONVERSIONS

1270 BC Squamish CBRU Move to 98.3 with 3,000 watts (CBC Radio One)

WESTERN DX ROUNDUP

Nancy Johnson — 265 Waterton Wy — Billings, MT 59102-7755

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: June 16, June 30, July 14 and July 28. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

(RA) **René E. Auvray-Henderson**, NV

General Electric P2900A

(RA-CA) DX'ing in Torrance, CA with 2001 Ford Crown Victoria car radio

(LG) **Larry Godwin**-2390 Clydes Dale Lane-Missoula, MT 59804 lbg@mtwi.net

Hammarlund HQ-150, Sanserino air-core box loop

(NHP) **Nick Hall-Patch**-1538 Amphion St.-Victoria, BC V8R 4Z6

Drake R8, northerly Flag and westerly Flag antennas phased together

(GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 skinner@columbia-center.org

Hammarlund SP-600, R-390A, R-388, Drake R8B, various longwires, amplified

Sanserino and Radio Shack loops

(GH-OR2) DX'ing from Seal Rock, OR with Grundig Satellit 800 with various longwires

(PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net

Drake R8, 1500' Eastern Beverage term.

(CM) **Curtis McMenamin**-153 Calle Tepic-Vacaville, CA 95687 Funkiecurtis@unco.com

Sony ICF 2010, Kiwa loop

(REW) **Richard E. Wood**-HC 3 Box 11087-Keauau, HI 96749-9221

FRG-100, LW 350' to NE, 175' to NNE

OF SPECIAL INTEREST

1260 KSRF CA, Beverly Hills 5/1 0758 fading in & out, QRM picking up. Contemporary song followed by new call letters. Ex-KKGO. (RA-NV)

 550 KOAC OR, Corvallis 5/7 0200 good with opb.org slogan, and KOAC ID. (CM-CA)
 570 KCFJ CA, Alturas 5/28 2005 news, ID and NOS type oldies, fair signal with a weak KLAC underneath. Deep slow fades. New. (GH-OR2)
 CKWL BC, Williams Lake 5/24 0035 back to back country music with occasional spots, one for education in forestry in BC; finally noted a spot for a Sunday morning program on "The Wolf." At 0500 straight into Broadcast News, with no ID. Fair to good signal with KVI fairly consistently phased out using 2 Flag antennas. This was also possibly the daytime DX at 2035 5/25, with NHL radio broadcast of playoff game // CHMJ-730, but can't find Canadian listing of those broadcasts. (NHP-BC)
 620 KPOJ OR, Portland is now IBOC, first noted 5/15 1715. Terrible hash on both 610 & 630 off Eastern Beverage especially. KONA 610 is no longer a strong signal here on the OR coast. I can still hear them, but a bit of phasing is needed to hear them rather poorly. They also cause QRM on KCIS & KWRO on 630. But, not as bad as the Beverage to the East brings in KPOJ very good. I had an idea KPOJ/KEX being off/on a lot the past few weeks after midnight was an IBOC situation. So we now have our second NW IBOC'er on AM. (PM-OR)
 640 KFI CA, Los Angeles 5/17 0200 good with several KFI Los Angeles ID's, other stations under them but not readable. (CM-CA)
 660 KTNN AZ, Window Rock 5/15 0300 fair with the Midnight Trucking network. (CM-CA)
 KGDP CA, Orcutt 5/15 0300 fair with KGDP ID, then Christian program. (CM-CA)
 680 KNBR CA, San Francisco 5/9 0030 midnight baseball, Giants & Astros with excellent signal clear as a bell on R-388 with E-W wire. (GH-OR)
 710 KXMR ND, Bismarck 5/30 0007 had been chasing KIRO null around before the hour, and had heard a mention of "AM 7-10 the Fan," Twins baseball, and an ad for something in "Napoleon," all pointing to this one. At 0007 heard a mention of "AM 7-10 KXMR Bismarck." Fair to good overall, over/under KIRO. (NHP-BC)
 730 CHMJ BC, Vancouver has dropped talk as Eric & Dan mentioned, ID'ing as "Coming Monday (6/5), drive time traffic reports and the best of talk." Noted after playing song by The Beatles 6/1 1450. ID'ing now as "AM 730." (PM-OR)
 750 KEX OR, Portland 5/18 0200 in good with ID "750 KXL Portland-Vancouver." (CM-CA)
 780 KKOH NV, Reno 5/18 0146 good with KOH ID & Reno announcement. (CM-CA)
 790 KWIL OR, Albany 5/28 2040 REL type music with poor signal, KGMI far below. Seldom if ever heard from home location. (GH-OR2)
 840 WPTW809 CA, Cordelia 5/12 1300 in fair with "This is Highway Advisory Radio WPTW809," talking about freeway closures. (CM-CA)
 KSWB OR, Seaside 5/2 0045 many "840 Gold" ID's and 60's/70's music. Fair to poor but still atop KXNT, using Drake with Sanserino loop. (GH-OR)
 CKBX BC, 100 Mile House 5/24 0120 discussion concerning motherhood and Christianity by two women // 570, seemed to be this one judging by the earlier ID on 570. "Focus on the Family" mention, and these two stations are scheduled with this program at 10pm Pacific time. Fair to good signal, dominant on channel. (NHP-BC)
 870 WWL LA, New Orleans 5/12 0047 ad for Jefferson Parish, 0048 PSA, 0049 promo for FM affiliate, "Pearl Jam on WWL," 0050 back to WWL Sportstalk. Very good, dominant, trace of possible KRLA-CA. First time heard since Katrina. (REW-HI)
 KFLD WA, Pasco 5/6 0005 ad for Dave Ramsey Show and talk program. Really weak and sputtering on R-388 with E-W wire. Not heard for a while. (GH-OR)
 900 CKBI SK, Prince Albert 5/14 0050 ID and C&W music in a battle with unID talker, sometimes on top on Drake with RS loop. Not heard for a while. (GH-OR)
 940 KWRU CA, Fresno 5/13 0103 male announcer listed all affiliates including KDBV Salinas-980, an FM in Corpus Christi and TV in Yuma, AZ. Gave network name as "Radio Vida Abundante, la cadena mundial de Jesucristo." NRC Log lists this network as only "Radio Vida" without the adjective. Does it also so ID? (REW-HI)
 1000 KFLG AZ, Bullhead City 5/1 0954 weak mentioning slogan "Star 100," ad for AAA auto club, and mentioned KZZZ (1490). (RA-NV)
 1060 KRCN CO, Longmont 5/25 mixing with others, running comedy programming with mentions of the Radio Colorado Network, spot for furniture store in Longmont at 0400. No ID at top of the hour, just dead air, but so many mentions of Colorado and Longmont, it has to be them. Listed 111 watts at night. They sounded like it too, but not bad in signal considering the distance. New for me. (PM-OR)
 1110 KDIS CA, Los Angeles 5/1 0957 ads for Sears & Radio Disney, began gaining strength. (RA-NV)
 + 5/6 0300 in good with KDIS ID Pasadena Radio Disney. (CM-CA)

1110 (KLIB) CA, Roseville 5/6 1300 have noted them off the air for some time now. May have gone silent? Does anyone know the status of this station, if it is off the air or silent? (CM-CA)
 1130 CKWX BC, Vancouver 5/7 0300 in good with mention of "News 1130 CKWX," many ads for Vancouver businesses. (CM-CA)
 1160 KRDY TX, San Antonio 5/10 0110 ID by woman "KRDY AM 11-60 Radio Disney," very good atop KSL. Amazing how 1kw KRDY beats 50kw KSL, which is also closer to me. (REW-HI)
 1180 KOFI MT, Kalispell 5/7 0305 in good with KOFI ID then into Coast to Coast program. (CM-CA)
 KLAY WA, Lakewood 4/24 0857 ID'd during momentary pause on KOFI. (LG-MT)
 1220 KCCS OR, Salem 5/29 0155 talk show, REL format. Seldom heard with night power of 171 watts. Weak & scratchy but all alone. (GH-OR2)
 1230 KWG CA, Stockton 5/8 0100 ID, 0105 Pope Benedict leading Latin vespers, // 1240 KJOP-CA, good. (REW-HI)
 1240 KQEN OR, Roseburg 5/5 0120 ID and mention of "Your local news station." Weak under unID's on Drake with Sanserino loop. (GH-OR)
 1280 KXTK CA, Arroyo Grande 5/8 0102 ad for ESPN golf school, 0103 ID by man "You're listening to the Central Coast's sports leader, 12-80 AM KXTK," into Fox News. Good over KRVM. (REW-HI)
 1290 KPAY CA, Chico 5/30 0030 talk and news fighting it out with KUMA but 70% on top. Once a regular, now seldom heard. (GH-OR2)
 1300 KROP CA, Brawley 5/13 0057 local ad, 0058 State Farm Insurance, 0100 ID by man "KROP Brawley." Quite good for 500 watts, clear. New. (REW-HI)
 KCMJ NV, Carson City 5/11 0959 call ID with logo, into news. First time logged in Henderson, logged prior as KPTL. (RA-NV)
 1310 KEIN MT, Great Falls 5/8 0017 NOS type music with fair signal, quite good considering listed night power of 1kw on R-390A with E-W wire. UnID talker way under, probably KNPT. (GH-OR)
 1320 KCTC CA, Sacramento 5/30 0100 CBS news, oldies, and perhaps some KSCR mixed in. Very weak and scratchy in the mix. (GH-OR2)
 KXRO WA, Aberdeen 5/3 0000 ID and news in a noisy fight with unID Oriental dialect station, Drake with RS loop. Long time no hear. (GH-OR)
 1340 KBBR OR, North Bend 5/17 0105 faint ID and news in the static and mix on Drake with RS loop. Don't often hear this one. (GH-OR)
 1360 KPXQ AZ, Glendale 5/1 1000 into religious programming, QRM (may have been KLSD San Diego). (RA-NV)
 1370 KZSF CA, San Jose 5/6 0157 "El deporte internacional a travis de la Famosa 13 en San Jose... presentado por International Brokers," tropical music, shouts of "Gloria, Gloria." Good. (REW-HI) (Richard, I couldn't read if you had written "travis" or "traves." Sorry.—NJ)
 (KUPA) HI, Pearl City is silent, unheard since late April. (REW-HI)
 KAST OR, Astoria reported in WDXR, DXM 1378 (4/15/06) on "1320" is heard here on 1370. (REW-HI)
 1380 KSRV OR, Ontario 5/30 0120 female said "Treasure Valley's," "The Crew." Fair signal way over a usually dominant KRKO. (GH-OR2)
 1440 CKJR AB, Wetakiwiw 4/26 0000 C&W music with ID over/under KMED which usually dominates, on SP-600 on N-S wire. Last heard in '02. (GH-OR)
 1450 KCLX WA, Colfax 4/29 0030 ID and C&W oldies sputtering in the jumble. Poor to unintelligible using R-390A and E-W wire. A new log. (GH-OR)
 1460 KABL CA, Salinas 5/10 0345 fair with KABL ID and mentioned Monterey. (CM-CA)
 KARR WA, Kirkland 4/22 0759 weak but all alone, ID as "KARR Kirkland, Seattle." (LG-MT)
 1490 ?KBZY? OR, Salem 4/30 seemed the ID at 0800, in the mess. (LG-MT)
 KYNR WA, Toppishen the Native American language heard here and reported in WDXR May 13, 2006 is not "jibberish" (correct spelling gibberish) but presumably Yakama (also spelled Yakima), spoken there. (REW-HI)
 KTEL WA, Walla Walla 5/15 0100 60's 70's type oldies in a mix with unIDs on Drake with Sanserino loop. Finally an ID into ABC news. (GH-OR)
 1500 KSJX CA, San Jose 5/1 1002 ID mentioning service of Multi Cultural Broadcasting, programming followed by either Chinese or Vietnamese. (RA-NV)
 1510 KFNN AZ, Mesa 5/1 1002 call ID with traffic, fighting through QRM. (RA-NV)
 1560 KNZR CA, Bakersfield 5/10 0305 good with "KNZR Bakersfield" ID. (CM-CA)
 WQEW NY, New York 5/5 0055 song "YMCA," 01001 ID "WQEW 15-60 is Radio Disney New York," // KAVT-CA 1680, good over KNZR. (REW-HI)
 1580 KMIK AZ, Tempe 4/16 0344 contest, "The station that makes you rich, Radio Disney," 0359 perky female, "Radio Disney, how are you?" Good, no sign of usually dominant KBLA-CA. (REW-HI)

- 1580 + 5/5 0905 noted hip hop music. Checked 1110 Los Angeles, same broadcast airing. Very rare, first time. KBLA 1580 may have been off. (RA-CA)
- 1590 KLFE WA, Seattle 4/29 2300 man said "K-Life" into religious music, fair signal with short fades. (GH-OR)
- 1610 (VCS) CA, Vacaville 5/8 off the air for quite a while. Christian programming was their format and station now is off the air for unknown reasons. (CM-CA)
- WPWA784 MT, Three Forks 5/18 on top with boating info and call ID at 0859. (LG-MT)
- 1660 KPXL UT, Brigham City 5/10 0000 ID and oldies barely above Mexican pest which now usually dominates. Once a regular, now rare. (GH-OR)
- 1670 ---- CA, Dixon 5/8 1500 TIS in fair "This is CalTrans Highway Advisory radio," talking about road conditions in Sacramento area. Does anyone know call letters? (CM-CA)
- 1700 KVNS TX, Brownsville 5/15 0100 ID, 0505 Coast to Coast, into Art Bell (who is mostly on SaSu, George Norry other nights). Good, another English talker behind, no sign of XEPE (or the night before, 5/14). It seems to break down often. (REW-HI) (The ID was at 0100, but Coast to Coast began at 0505?—NJ)

DX TEST

- 1550 KXTO NV, Reno 5/7 0700 in poor with Morse code and sweep tones, still running test. (CM-CA)

HELP WITH UNIDS

- 870 KAIM HI, Honolulu in WDXR May 13, 2006 religious talk reported by GH-OR could be this. DP-HI (p. 23 same issue) reports it runs 1kw directional west from Moloka'i. PM-OR says he hears it, but rarely. Here SE of Hilo it is heard at medium strength, usually under KRLA and sometimes WWL. (REW-HI)
- 1130 KRDU CA, Dinuba in WDXR May 13, 2006 KRDU is likely the religious reported by RA-NV; heard nightly here. (REW-HI)
- 1440 KODL OR, The Dalles in WDXR May 13, 2006 KODL is probably this, which carries oldies and puts a lot of power nights toward St. Helens, GH's location. (REW-HI)

UNIDS

- 1020 UNID 5/5 0100 and often thereafter, thru powerhouse KTNQ-1020 a strange one with slow, lugubrious, lengthy choral selections. Language still unID but not Spanish. Could be religious. Could be domestic, but KDKA-PA is news/talk, KCKN-NM is C&W, likewise CKVH-AB. (REW-HI)
- 1390 UNID 5/10 0040 sports talk, mention of Yakima Valley. Faint ID sounded like K-J--? Way out in the static on R-388 with E-W wire. (GH-OR)

Thanks to our reporters this week. Again, parts of some tips were deleted as they were unreadable by both John and I. Nancy 6/2 2100

CENTRAL DX ROUNDUP

John C. Johnson – 265 Waterton Wy – Billings, MT 59102-7755

E-mail: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@prodigy.net

RIDING GAIN

- [EB-MO] Eric Bueneman, Hazelwood, MO N0UIHEric@aol.com
GE Superadio III, Grundig S350, Worcester Space Magnet 2.

DOWN THE DIAL

- 1250 KBTC MO, Houston. 5-2 fair over WSSP. KKHK. 21:10 noted with country music, local PSA. [EB-MO]
- 1340 KWMO MO, Washington. 4-29 fair over WJBD. 18:18 with local PSAs, "Your new home for hit country, 13-50 KWMO" into country music. Logged with there was no electricity to the shack. [EB-MO]
- 1370 WLLM IL, Lincoln. 4-29 fair over KWRT with splash from KSLG-1380. 18:14 with light Contemporary Christian music, promo, calls. Another logging while the power was out. [EB-MO]
- 1540 WBRY TN, Woodbury. 4-29 fair to poor with KXEL and KZMP. 21:50 noted with calls and country music format. [EB-MO]

25 YEARS AGO

May 16, 1971 issue of IRCA's "DX Monitor" ... Karl Zuk of Queens Village, NY said he was a new member and works for ABC Radio as an engineer ... Paul LaFreniere of Grand Marais, MN said he was 41, married, and has five children ... Bruce Portzer of Seattle, WA received verifications from KSSK 590 and XERIO 1560.

OPEN MIKE

Sad to hear that Morris Sorensen died. Morris was a regular contributor to CDXR. This column was typed 5-20-06. 73, John

EASTERN DX ROUNDUP

Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471

E-mail: lfreshwater@cox.net

Deadlines: 6/17, 7/1, 7/15, 7/29, 8/26

STARS OF THE WEEK

- (IEN-GA) **Ira Elbert New** Watkinsville, GA
DRAKE R-8B, 135' N/S L.W., SANGEAN ATS 909
- (WM-MD) **William McGuire** 2412 59th Place, Cheverly MD
DX-398

LOGGINGS

- 560 MD WFRB Frostburg 5-20 2300 SID; CNN Radio News. (WM-MD)
- 1080 FL WHOO Kissimmee 4-18 2130 Capitols/Lightning NHL Hockey. (WM-MD)
- 1190 NC WIXE Monroe 05/22/06 1933 Country music and an AD for advertising on the station. Decent signal with fades. "...WIXE, Monroe Broadcasting Company...." (IEN-GA)
- 1400 KY WFTG London 5/6 0559 "1400, WFTG London." Before Net News. AM Log says they only run 690 watts. (RJ-NC)
- (Thanks for the plug!! - ed)
- 1440 SC WGVJ Greenville 05/17/06 1801 TOH ID and Spanish music. Decent signal in the evening static. "La Radio de Todos... WGVJ from Greenville, South Carolina". (IEN-GA)
- 1450 VA WMVA Martinsville 4/21 0659 "AM 1450, WMVA Martinsville, Virginia" ID and then into into ABC radio news. (RJ-NC)
- 1470 CT WMMW Meriden 5-02 2024 Local Minor League BB game; ID. (WM-MD)
- 1550 TN WIGN Bristol 05/14/06 1805 SRN News, ad for a church in Bristol and gospel music. Good signal (S9) with fades. "1550, WIGN". (IEN-GA)
- 1590 GA WXRS Swainsboro 5/3 2200 Announcer reading weather report followed by ID's for "NewsTalk AM 1590, WXRS - Swainsboro". (RJ-NC)

Back from the Dayton HamVention, tired and broke.... Had a great time Been doing a lot of TV DX and IBOC receiver testing the past couple of weeks. TV DX site has been added to the amlogbook.com site. It has also been redesigned. I will post a link to my IBOC test report when I get it done.... Also have been finishing up the DXM on CD project. Look for details on the front page. 0700 6-03 fresh

DX WORLDWIDE – WEST / TROPICAL BAND DX

Patrick Martin – P.O. Box 843 – Seaside OR 97138

E-mail: mwdxer@webtv.net all times UTC

Greetings everyone,

Another Mexican is on the move once again. Martin Foltz of Mission Viejo nabbed them. Apparently XEQIN 1290 San Quintin is now on 1160 IDing as "Once Sesenta" and "La Voz del Valle" logged at 1245 UTC 6/5. Thanks for the tip Martin. Go get 'em!!

Also some reports from Richard Wood of Hawaii, so away we go.

PAN AMERICAN DX ROUNDUP

- 710 **CUBA**, Radio Rebelde, 4 locations listed 5/28 0555, tropical mx, 0559 political slogan, ID //5025 (REW-HI)
- 730 **BRAZIL**, unid possible Bahia state 5/4 0440 again hrd as 4/19 0445, preaching, this times mixed with dates, times, and scores? soccer games, lottery results?, trace of XEX at times. Also noted 5/15 preacher in PP 0457, PP hymns, 0500 straight thru TOH without ID. Can anyone help? (REW-HI)
- 800 **MEXICO**, Tijuana, BCN, XESPN 5/14 0515, Los Angeles game on ESPN net, alone on channel, good for listed as 250w, but hrd in the 80s as XEMMM. (REW-HI)
- 810 **MEXICO**, Tampico, Tam, XEFW Radio Estella 5/4 0420 ads, PSA, ID. Powerful signal. (REW-HI)

- 1000 **BRAZIL**, Sao Paulo ZYK522 Radio Record 5/29 0628 PP Preacher, 0700 ID. Good. New (REW-HI)
- 1000 **MEXICO**, Mexico DF XEOY Radio Mil 5/6 0459, NA, 0502 ID as "Radio Mil" Good traces of KOMO (REW-HI)
- 1000 **MEXICO**, Hidalgo del Parral, Chih XEHPC, also Radio Mil 5/11, mx 0540 tc by man with ID. Very good, mostly clear. New. (REW-HI)
- 1010 **MEXICO**, Ensenada, BCN XEDX 5/16 0429, promo and ID, Very nice for 500w. (REW-HI)
- 1030 **MEXICO**, Ensenada? BSN, XESDD 4/21 0602, fairly complete ID "XESDD Baja California, Mexico, 10-30 AM, 10-30" But contained no city of license. (REW-HI) (Richard, I believe this to now be Ensenada. PM)
- 1090 **MEXICO**, Rosarito, BCN XEPRS 5/8 0500 into La Hoa Nacional. ID at 0600, Good o/u Seattle. (REW-HI)
- 1220 **BRAZIL**, Rio de Janeiro, Radio Globo 5/3 0500 serious mx. Almost nightly. Best South Ameican (REW-HI)
- 1270 **MEXICO**, Tijuana BCN, XEAZ 5/9 0430 IDing by man "XEAZ 12-70 AM, Tijuana.." Good. (REW-HI)
- 1280 **BRAZIL**, Rio de Janeiro Radio Tupi ZYJ455 5/17 0438, shouts of "Tupi, Tupi" 0528 still good, DJ show (REW-HI)
- 1290 **BRAZIL**, UNID 5/10 0505, preacher. Good atop SS and EE stations. (REW-HI)
- 1340 **ECUADOR**, Laja, HC.... Radio Regional 5/29, ID at 0650. (REW-HI)
- THANKS TO THIS REPORTER**
- REW-HI **RICHARD WOOD**, HC3, Box 11087, Keaau HI 96749
DXing with FRG-100, 350' NE and 175' NNE Longwires
- Summer (oh well, almost summer) DX is alive and well on the Queen Charlotte Islands. Enjoy the following, and apologies for any errors in advance as I've just arrived home. Receiver used was an AOR 7030+, with a classic Beverage N/S and a Beverage on the ground running E/W. Exciting loggings at times! ...**Walt Salmaniw**, Victoria, BC.
- 620 **ALASKA**, 1406-, KGTL, Homer May 22 Simple ID as 'KGTL 620' following USA network news. Fair to good reception. (Salmaniw, Masset, BC)
- 670 **ALASKA**, 1329-, KDLG May 22 BBCWS programming, and then a generic NPR ID. Local IDs usually occur just before the top of the hour. Fair reception. (Salmaniw, Masset, BC)
- 738 **AUSTRALIA**, 1235-, 2NR May 20 ABC ID and phone number following some English music. Sometimes good reception. Didn't hear the usual RFO Tahiti this morning. (Salmaniw, Masset, BC)
- 747 **AUSTRALIA**, 1235-, 7PB Hobart May 20 At 12:35 I could hear an English program cochannel with the louder JOIB. Wasn't sure who they were until I came across a // frequency of 774 with 3L0 dominating JOUB. I'm therefore presuming this one to be 7PB in Tasmania. Hopefully that's the correct assumption as the other Aussie stations don't appear to match. (Salmaniw, Masset, BC)
- 774 **AUSTRALIA**, 1245-, 3LO Melbourne May 20 A fascinating morning! The best of the 3 so far and I'm pleased with my west aiming BOG. Definitely an Australian morning compared with a northerly emphasis the previous 2 mornings. Presumably 3LO battling it out with JOUB, with the Aussie usually overtop with a very nice signal! The Aussie noted in // to 747 so likely 7PB Hobart. (Salmaniw, Masset, BC)
- 792 **UNIDENTIFIED**, 1255-, unid, later 4RN Australia May 20 Tantalizing! I'm listening to Indian sounding instrumental music at fair to almost good levels. Sure doesn't sound like Australia, but I'll know soon enough if the signal holds. Of course by the TOH, the signal had faded and then came back just after 13:00 at which time the signal was from 4RN. The same or different stations? I would have loved to report Nepal or Pakistan, but alas, most likely just 4RN! (Salmaniw, Masset, BC)
- 800 **ALASKA**, 1334-, KINY, Juneau May 22 Oldies music followed by semi-ID as Hometown Radio, and mentions of the capital. Good reception. (Salmaniw, Masset, BC)
- 890 **ALASKA**, 1333-, KBBI, Homer May 21 Excellent reception with BBCWS relay. ID at 13:59. (Salmaniw, Masset, BC)
- 930 **ALASKA**, 1338-, KTKN, Ketchikan May 22 Local programming with KTKN.com website and PSA. This is the strongest AM station heard in Masset, heard very well all day. (Salmaniw, Masset, BC)
- 999 **UNKNOWN**, 1206-, unknown May 18 English religious broadcasting. HLCL, Korea is listed as a Christian broadcaster, but do they do so in English as well? (Salmaniw, Masset, B.C.)
- 1089 **JAPAN**, 1222-, JOHB, Sendai May 18 Fair reception of English lesson with splash from domestics on 1090. (Salmaniw, Masset, BC)
- 1110 **ALASKA**, 1348-, KAGV, Big Lake-Houston May 21 I suspect that KAGV is back on the air. Heard at fair level with inspirational hymns. Hopefully it will still be audible in 10 minutes for an ID. Yes! ID as KAGV, Alaska's Gospel Voice at 13:56. Full ID at 14:00. (Salmaniw, Masset, BC)
- 1152 **JAPAN**, 1228-, JOPC, Kushiro May 18 NHK2 English language lesson with discussion about whether Pluto should be considered a planet. Although several NHK2 stations are listed, the Hokkaido station is the most likely. (Salmaniw, Masset, BC)
- 1229.99 **ALASKA**, 1350-, KIFW, Sitka May 22 Very strong reception with ad for 'Coastal Contacts', then dead air (which occurs frequently on this station... I'm assuming this is a spot for local announcements between network feeds). Finally, after about 3 minutes of dead air, 'The latest in Alaskan news at KIFW.com'. Full ID at 13:59:40 for KIFW. Reporting first drop in gasoline prices by a penny. (Salmaniw, Masset, BC)
- 1230 **ALASKA**, 2326-, KIFW, Sitka May 20 Fair reception at 4:30 PM best on North Beverage which makes sense. Interesting that they're in // to KCKN Ketchikan on 930, the closest Alaskan which is heard like a local, with local IDs in between the oldies. Saturday night's alright for fightin' by Elton John. (Salmaniw, Masset, BC)
- 1458 **PHILIPPINES**, 1240-, DYZZ Radio Bantay. May 22 Another Filipino station! Deep fades, but when up it's at fair plus levels. Again, I'm not sure which it is. Probably not FEBC, so it's either DZJV, but most likely DYZZ Radio Bantay as it fits PAL best. I'm very pleased! Definitely a Filipino opening! (Salmaniw, Masset, BC)
- 1512 **PHILIPPINES**, 1221-, DYAB May 22 Not sure which of the 2 Filipino stations this is, but reception is quite nice! About a 7 to 8/10 with call in show and fast paced Filipino talk with a smattering of English words. I did pick up Da Vinci code. Lots of 'oh-oh'. Doesn't sound Christian, so I'm leaning towards DYAB as most likely, versus DYAT. I should have a good audio clip. (Salmaniw, Masset, BC)
- 1566 **AUSTRALIA**, 1309-, 3NE Wangaratta May 18 Battling it out with HLAZ, Korea. English variety programming with many mentions of Australia. Sometimes dominating HLAZ. (Salmaniw, Masset, BC)
- 1575 **JAPAN**, 1211-, American Forces Network May 22 A very tentative logging. This station plays almost continuous US rock music. Quite weak. This is not what I'd expect from VOA Thailand. Yes, definitely US military in Japan with English heard briefly at 12:30:30 for about 30 seconds clearly, then down in the mud again. (Salmaniw, Masset, BC)
- 1611 **AUSTRALIA**, 1230-, Radio Two May 20 I knew things were hopping when I briefly monitored this Australian graveyard frequency at 12:30 and heard music, and at least 3 different programs. At 13:01 I caught a 'Radio Two' ID at decent levels. Excited, I checked the PAL only to find about 20 Radio Two stations all sharing the same frequency!!! Still, I'm very pleased. (Salmaniw, Masset, BC)
- 1725 **PAPUA NEW GUINEA**, 1215-, GA aeronautical beacon Goroka May 19 Very happy to hear this 50 watt beacon at surprisingly very good levels! I don't believe I've ever heard this one, with only KUT 1737 Kutubu being the only PNG beacon audible. It was, but at only fair levels. (Salmaniw, Masset, BC)
- 2325 **AUSTRALIA**, 1319-, VL8T Tennant Creek May 19 Excellent reception of ABC programming with a call-in show regarding numismatics. 2310 VL8A Alice Springs was not on the air this morning. Parallel to 2485 VL8K Katherine was also well heard, with it's characteristic buzzing audio. (Salmaniw, Masset, BC)
- 2850.05 **KOREA (NORTH)**, 1324-, KCBS May 19 Superb reception with very clean audio with the usual strident female vocalist, marching to socialist victory ;-) !!! (Salmaniw, Masset, BC)
- 2960 **INDONESIA**, 1327-, RPDT2 Manggarai May 19 Fair reception with Indonesian talk by a male. A real mom and pop sounding operation. (Salmaniw, Masset, BC)
- 3280 **CHINA**, 1334-, Voice of Pujiang May 19 Straight 5-5-5 signal with very modern programming with many mentions of Shanghai. At 13:35 a pop song in English (I didn't recognize it), interrupted several times by a young sounding female. A real contrast to KCBS, North Korea! (Salmaniw, Masset, BC)
- 3325.05 **INDONESIA**, 1339-, RRI Palangkaraya May 19 Fair to good reception with easy listening Indo music by a female vocalist. I suspect both PNG and Indonesia was very strong this morning as there are several presumably PNG open carriers still present on 90 meters. (Salmaniw, Masset, BC)
- 3344.97 **INDONESIA**, 1342-, RRI Ternate May 19 Good reception with a western pop song, which seems a bit odd for an Indo station, but sure enough afterwards the usual sing-song Indo voice of a young lady came on. Akin to Filipino to me. Open carrier at 13:44:45. Then at 13:45:00 returned with more traditional Indonesian vocal (Salmaniw, Masset, BC)
- 3365 **INDIA**, 1347-, AIR Delhi May 19 I wonder whether the very strong carrier and weak audio is from an open carrier from PNG. I suspect so. Indian music heard in the background, which would have been quite strong if not for the cochannel OC. (Salmaniw, Masset, BC)
- 3480.95 **UNIDENTIFIED**, 1354-, Unidentified May 19 Good reception, esp in USB to avoid a loud het. I suspect this is Korean. None of my more recent lists show anything, except for a deleted station in the DBS. Voice of the National Salvation, Wonson. I suspect this is the same station. I have always been confused over whether or not these clandestine stations beamed north or south ever really left the air. Now I'm really confused. After a short musical piece muddy audio by a man and woman. Perhaps this is one of those Kurdish clandestines? NA or

- some such piece at 14:01. Very interesting! NA ended suddenly at 14:02:30. I have a good audio clip here if anyone wishes to have a listen! (Salmaniw, Masset, BC)
- 3578.77 **INDONESIA**, 1404-, RSPK Ngada May 19 A tentative logging as audio was very weak with my local sunrise having taken place quite some time ago. I am hearing very weak Indo talk by a male. Back into music at 14:14. Now barely audible. (Salmaniw, Masset, BC)
- 3757 **LSB CANADA**, 1419-, Ham net May 19 Rather fascinating ham net discussing aerial spraying conditions, trap lines, etc. Mostly good reception. (Salmaniw, Masset, BC)
- 3925 **JAPAN**, 1421-, Nikkei Radio Broadcasting Corp May 19 Superb reception with even a short English clip (an interview with an English speaker about fuel cell technology), without Japanese translation. Many mentions of Nikkei weekly. 'Home page' and 'www' mentioned. Parallel 6055 equally strong. 9595 just slightly weaker. Possibly an English lesson, since the same male returns explaining what the term 'rev' means! Society for testing English proficiency incorporated mentioned at 14:28 as the presenters of this program. (Salmaniw, Masset, BC)
- 3935.1 **NEW ZEALAND**, 1350-, ZLXA May 20 Weak audio in English dominated by a loud continuous utility sounding QRM. Can't make much more out, unfortunately. (Salmaniw, Masset, BC)
- 3945 **INDIA**, 1433-, AIR Gorakhpur May 19 Urdu is listed at this time (Foreign service) with typical middle eastern/sub continental audio, likely Koran recitation. Poor to fair reception but quite clean audio. (Salmaniw, Masset, BC)
- 3976.06 **INDONESIA**, 1438-, RRI Pontianak May 19 Very good reception despite only a S3 to S5 signal. Very clear, with only a minimal of the typical bassy sound of most Indos. Several mentions of Pontianak. Best heard on my West facing BOG (Beverage on Ground). (Salmaniw, Masset, BC)
- 4000 **CHINA**, 1444-, Nei Menggu PBS May 19 Good reception with Chinese programming. Parallel to 4620 (poor) and 6045 (very good). No sign of RRI Kendari just above this frequency. Mongolian service is listed on 4525 (good reception), 4785 (fair), and 6195 (good under cochannel BBCWS ...I think this is Singapore, but references not in front of me). (Salmaniw, Masset, BC)
- 4635.07 **TAJIKISTAN**, 1452-, Tajik Radio First programme May 19 Presumably Dushanbe but off slightly from nominal frequency and a bit of a buzzy signal. Not sure for certain as it's too weak to ascertain any content. (Salmaniw, Masset, BC)
- 4666 **USA**, 1456-, San Francisco Aeroradio May 19 Couldn't help but mention a silky smooth sounding female op on this frequency calling and receiving calls from airliners over the Pacific. Good reception. (Salmaniw, Masset, BC)
- 4820 **TIBET**, 1500-, Xizang PBS May 19 ID in Chinese as listed in the DBS mentioning 'Xizang.... Dientai'. Good reception. Parallels 5935 (very good), 7170 weakly heard under cochannel. Tibetan service heard on 4905 (good), 4920 (fair to good), 5240 (poor to fair), and 7385 (poor). (Salmaniw, Masset, BC)
- 4839.70 **VIETNAM**, 1355-, Radio Son La May 20 Very distinctive music immediately identifiable. Although not nearly as good as heard in Grayland, nonetheless still a decent signal at S5. Audio still a little distorted, but nowhere nearly as bad as when previously heard in Grayland last year. A very brief announcement just after 14:00 and then off. (Salmaniw, Masset, BC)
- 4925 **INDONESIA**, 1510-, RRI Jambi May 19 Presumably them at fair to good reception hours after my local sunrise with easy listening modern vocal. (Salmaniw, Masset, BC)
- 4930 **TURKMENISTAN**, 1511-, Turkmen Radio HS2 May 19 Again a presumed logging at poor to fair level with EZL western sounding music. Not sure who else this could be. (Salmaniw, Masset, BC)
- 4960 **PAPUA NEW GUINEA**, 1155-, Catholic Radio Network May 19 Reception is fair to good with inspirational hymns. Seemingly low modulation. Much better when rechecked at 13:15 (after my MW dx session), with 'God is Watching Us' by female vocal. (Salmaniw, Masset, BC)
- 4970 **INDIA**, 1440-, AIR Shillong May 20 Easy listening western music with a nice clean S5 signal. Brief English talk just before this song by a YL. Then a Beatles song (As my guitar gently weeps). Then another Beatles song (Life goes on). Same YL announced the previous songs and the next one. Morse intruder suddenly came on at 14:51, but on LSB only. Blue skies, and other western songs. Unfortunately, not a single Indian song. North Eastern serve of AIR from Shillong ID'd twice at 15:00 in English, and then onto more western songs. (Salmaniw, Masset, BC)
- 5019.87 **SOLOMON ISLANDS**, 1519-, SIBC May 19 Fair to good reception of BBCWS relay with world news. (Salmaniw, Masset, BC)
- 5890 **RUSSIA**, 1433-, Shiokaze program May 20 No chance to make anything out of them, although reception was strong. Completely obliterated, though, by a very loud pulsing buzz jammer on both USB and LSB. Darn! (Salmaniw, Masset, BC)
- 6925 **USA**, 0317-, Pirate unknown May 21 Fair reception. I just missed the announcement as I tuned the frequency. Suddenly off at 03:25 after a short announcement. Something like 'here's the deal'. At least that's what it sounded like. Oh well, perhaps they'll be back. Speaking of pirates, I've noted the absence for several weeks of the southern California pirate

- KCBM. They had a regular schedule Saturday nights on 6990, with a decent signal into BC. (Salmaniw, Masset, BC)
- 7120 **PAPUA NEW GUINEA**, 1157-, Radio Wantok Light May 19 Poor reception with Christian vocals, and talk in Tok Pisin at 11:57. No where near as strong as the virtual armchair copy when they were first on the air several years back! (Salmaniw, Masset, BC)
- 7295 **MALAYSIA**, 1504-, Traxx FM May 21 English news, mostly regarding Malaysia, such as elections in Sarawak, and bilateral relations between Mongolia and Malaysia, and Slovak-Sabah relations (!). Good level (S7), but suffering from some adjacent splatter on both sides. Recap of headlines at 15:09:30 and ID for RTM newsroom. 'Before we end, say no to corruption.' (Salmaniw, Masset, BC)
- 7295 **MALAYSIA**, 1506-, RTM Kuala Lumpur May 20 Traxx FM, but with English news ending at 15:09 without a Traxx FM ID and into rapp music. Kuala Lumpur mentioned at the end of the news. I went to have breakfast and upon my return at 15:52 the signal was much stronger and totally in the clear. Excellent reception! 34 minutes past 11:00 (or was that 54 minutes?). Traxx FM ID at 16:00 and TC for midnight, so it was 54 minutes. Wonderful programming! Into news. (Salmaniw, Masset, BC)
- 9730 **VIETNAM**, 1602-, Voice of Vietnam May 20 English service for Europe with fair to good reception. Parallel to 7220 poor to fair, and 7280 stronger, but under a cochannel. (Salmaniw, Masset, BC)
- 9839.92 **VIETNAM**, 1427-, Voice of Vietnam May 20 Strong reception of VoV's Japanese service with sign-off announcements and then open carrier. Indonesian scheduled from 14:30. Sure enough at 14:30 no IS heard, but into the same ident song as I recall from the 70s. (Salmaniw, Masset, BC)

Come to Seaside Oregon for the 2006 IRCA Convention! It will be held at the Comfort Inn on September 22-24, 2006.

DX FORUM

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E-mail: REvans5435@yahoo.com

DEADLINES: Sundays

Deadlines: 6/17, 7/1, 7/15, 7/29, 8/26.

Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, Missouri 63042-1347

I have to strongly disagree with Larry Godwin's assessment that "the local listener comes first", in reference to the equal importance of DXers in a station's overall community image. With the outrageously high amount of national syndicated programming out there, many stations, especially in small markets, have become dumping grounds for satellite programming. Not counting commercials, they largely do not air one minute of local programming. Those who program largely syndicated and satellite-fed programming do not care one bit about serving the local areas. To these stations, the local aspect NEVER comes first; it is only an afterthought. Those who do not think that DXers are just as important to the station than the local listeners shouldn't even be in the broadcast business. What if that DXer came to the station's locale, and patronized many of the businesses in that area? Now, Gary Siegel raises a point about station coverage. Take, for instance, a 5,000-watt, low-channel blowtorch like KTRS 550, or a 50,000-watt blowtorch like KMOX. During the daytime, KTRS has superior coverage. Most of the listeners in the St. Louis market live in the western suburbs; this is where KTRS' nighttime signal is strongest. In the Metro East, however, KTRS' nighttime signal is only second-rate; they have to protect stations in Cincinnati, OH (WKRC) and Gainesville, GA (WDUN). KMOX, by contrast, cannot make the trip to Terre Haute during the daytime; even Robert Hyland complained about the coverage of the station when he was running the show at the Once-Mighty 'Mox (in this case, he couldn't hear them in Rolla and down into southern MO, when he could hear 550, then KSD, and 630, then KXOK). A number of AM stations cannot realistically cover the entire market; Covenant Network, which owns WRYT 1080, had to add KHOJ 1460 (ex-KIRL) to serve the growing Catholic community in St. Charles. WRYT's daytime coverage is okay, but they needed the 5 kW daytime signal to cover areas that WRYT cannot cover adequately. WCBW 880's coverage to the west has been severely hampered by KFUD 850's experimentation with the technically unsound "HD Radio". However, when it comes to the local broadcasters' interest in a certain age group, they're even starting to abandon the over-35 market. St. Louis has lost Adult Standards and Smooth Jazz in the last two years; there is no full-time station for either format. While KFTK 97.1 airs Adult Standards in select weekend dayparts, Smooth Jazz (without the AC selections) is now limited to 90 minutes a week on WSIE 88.7. The only way the Adult Standards format could return to St. Louis is through a local owner purchasing an AM or FM station or building a new station. Only two frequencies could conceivably fit in the area: 660 kHz (provided it's licensed to a community west of St. Louis) and 107.1 MHz (provided it can be built a minimum of 17 miles from the transmitter sites of WARH 106.5 and KSLZ 107.7; most likely to a community north of St. Louis). Two formats I would consider, if I had to buy my own stations, are Adult Standards and Real Oldies ('50s and '60s). I'd take apart "Jack";

spinning hit-oriented '70s and '80s formats into separate formats. I would have to strongly disagree on one point: I don't think corporations, especially those like Clear Channel, which are publicly traded, should own local radio stations. These stations should be 100% locally owned and operated, with voicetracking replaced by radio personalities recruited from local colleges and universities. Many of the former college radio personalities require less pay than even one year of a cheap syndicated show; a four-station cluster can be staffed 24/7 with 100% local talent for the price of one year's rights to Rush Limbaugh, Sean Hannity and Bill O'Reilly COMBINED. Two can be staffed for the price of one year's rights to Rush Limbaugh alone. I also think that corporate ownership of Christian radio stations is a blasphemy against God. Christian teaching and excessive profit just doesn't mix. Christian radio stations should be owned only by churches, not-for-profit religious organizations and Christian business people who are NOT motivated by excessive profit. There really should be rules limiting the amount of Christian programming a corporate-owned and/or secular-formatted station can air. Working in public radio as I have been for the past six years, I'm given more freedom than I could have had at a commercial radio station. Besides, I don't want to be an illegal "shock jock". 73 and good DX from Eric (NOUIH)

Richard E. Wood, HCR3, Box 11087, Keaau, Hawaii 96749-9221

I'm sorry to see (DXM-1378) CKEC-1320 New Glasgow, NS moving to FM. The end of an era. I heard it the first day it came on the air, in 1960, at my first DX location, Newcastle upon Tyne, England; judging from the strength, loop bearing and references to Pictou County, that it was something new and not previously dominant Jacksonville, FL (calls there are now WJGR, might have been different back then). Also, I won't be the only one lamenting the switch to FM of CHTN-720 PE, a new province for most DXers on the East Coast and beyond. I heard CBA-1070 here in the 1980's and if I hear it again I'll check 720 then; I'll have to hurry now! My old friend Bob Foxworth's fine "Caribbean Boat Trip Report" in DXM-1378 is excellent. I knew Bob when he was an engineer at WCBS-880 and I was Chair of the Dept. of Languages at Adelphi U., L.I., 1978-80. To judge from Bob's report, seems 4VEH-840 is our best or only choice for Haiti, and I have had traces of something not in EE or SS there lately, but have to be careful with ID because R. Bandeirantes, Brazil has been heard here, of course in PP. Bob reports PJD2 St. Maarten now on 1300. I remember the former religious programs Bob also mentions; its slogan "Proclaiming Jesus' Deliverance to the West Indies" and its powerhouse signal here in HI, on 1295 in the 1980's. Along with the many Cubans, it was the beacon to Caribbean conditions here then; now succeeded by the amazing signals (for listed 1 kw or for any power!) of WDHP-1620 VI. It is dominant here, usually over KSMH-CA. Do you West Coasters get it? It's the most distant Western Hemisphere station heard here nightly. I still haven't reheard Jamaica and the other West Indians I heard in the 1980's, though new country Turks-530 has been added since then and is an excellent beacon for low-band propagation, varying far more than WDHP does. I enjoy the saga of XETRA vs XERA-540 in DXM-1378, heard here but just to confuse things I have heard another Mexican there with ID as "XEH..." announcing as "La Ranchera". Can anyone help? I would have ID'ed by now if not for the pesky line noise I mentioned before. Real estate prices here are down a little and I am advertising in the local press to buy more land similar to what I had here in the 1980's which I foolishly sold. If I find something I won't hesitate to cancel the proposed Seaside convention trip, though meeting other DXers, going on DXpeditions and visiting DX shacks would teach me what I need to know if I get a better location here. Thanks to Jerry Kiefer of KCKN-1020 NM, a challenging DX test heard. Heard the powerhouse KTNQ-CA thanks only to the sweeps and code ID. Looks like my KCKN test reception was no worse than that reported by Martin Foltz and Robert Wien-CA and Patrick Martin-OR in DXM-1378. Their words "poor to unreadable", "more QRM than I expected", and "poor-fair" apply to my reception too.

Richard Evans, 7416 Hearthstone Way, Indianapolis, Indiana 46227-7923

Not much going on here as we had at least a trace of rain for 11 days straight. I did hit one of my goals for the year - that of hearing station 670 which would be one half of the number I heard up in Gary and northwest Indiana. The lucky station was WTMA-1250 Charleston, SC for my 10th SC station heard here. I also picked off graveyarders WAJF-1490 AL and my old standby WTKG-1230 Grand Rapids, Mich.) As a teenager in Kalamazoo, Mich., they were WJEF and a regular at 55 miles. I remember one time listening to the Tigers baseball game on 1230, and, at ID time, it was a mish-mash of voices as both WSTR-1230 and WJEF-1230 ran their respective IDs at the network break. Also, easy listening music on 1600 back on 4/28 turned out to be WCGO in Chicago Hts, IL, a pleasant surprise. I wasn't expecting them, but when I heard the calls, I knew exactly who I was listening to as they were my old regular there when I lived in Gary. Richard, I just ran the XEH...-540 thru the FCC's AM query website and they don't show any Mexicans starting with those letters on 540. The website shows all the Western Hemisphere stations on AM all the way down thru Chile and Argentina, but I don't know how up to date it is with the call letters, etc. It doesn't show slogans. While I was down south, Dennis Gibson sent me an e-mail letting me know that about six months ago, the FCC started showing coverage maps on their website. I tried to pull it but couldn't do it, probably because I only have dial-up service and it tends to be rather slow. However, in the process, I discovered that I can also pull the times for each month for sign/on and sign/off or pattern changes, power drops or such as the case might be. It will give it in either standard time or daylight time, whichever the viewer prefers. I printed the page for local WIBC-1070 (in EST) so that I will know what

it will be each month here. It's easier than trying to guess where Indy falls on the map. For the moment, my copies of the sunrise/sunset maps are packed away in the garage (I hope) but I have a not so clear photocopy of each map with my copy of the NRC log so I do have something to work with, even if it is hard to read. Next deadline in two weeks--the weekend following the Decoration Day holiday. 73.

Richard E. Wood, HCR3, Box 11087, Keaau, Hawaii 96749-9221

Rereading vintage DXM's the other day, I came across Craig Healey's excellent "Alaska from the lower 48 states", May 24, 2003, pps 30-32. Craig describes a planned automated dawn DXing project in RI, targeting KFQD Anchorage-750. A brilliant idea, but what were the results? I searched in vain for a follow-up report. F Anchorage doesn't work, DXers elsewhere in New England might try a similar approach to KNOM Nome-780. Not so good for Craig with his local WSKO-790, but KNOM propagates very well and is heard here in HI a little more often than KFQD, even though it is much further away. Of course, WBBM-680 would not be so easy to null as WSB-750, as the angle is much less than 90 degrees from the bearing to Anchorage. The other targets in Craig's list for Anchorage don't get out as well. Other Alaskans which pack a punch include KICY-850, which of course is blocked in New England, KBBI-890 and KAGV-1110. I like Gary Siegel's proposal (DXM 4/1) for comparative statistics for club members "in their various DX areas". Does he mean specialties, like graveyarders, TIS's, talking houses? I'd like to compete on graveyarders, where I have the distances (nothing under 2000 miles!) but not the absolute numbers. Or does Gary mean regional areas? I'd like to compare my statistics with other DXers in HI, AK, ANZ, Europe, etc. Now, a question for you S. CA IRCA'ns: what chance do you think I have of getting my closest unheard station, KBRT-740? Have any of you been out to sea in this direction (SW)? Its night pattern has a tiny lobe this way. At 113 watts, it's weak, but I've heard many other I-p CA's: KIQI-1010 S.F. with 500 watts booms in here. The DX Test from KCKN-1020 NM was a real challenge! It happened during an intense thunderstorm with torrential rain, some of which was gathering in buckets on the floor of my half-completed extension only 8 ft. from my receiver! But static was not a problem, partly because the weak KCKN "piggybacked" on local=strength KTNQ-CA which dominated 1020 except for a few brief fades, which did not coincide with voice ID's. But the sweeps and two CW ID's were definite. This is the first DX special I have heard since reactivating late last year.

Richard Evans, 7416 Hearthstone Way, Indianapolis, Indiana 46227-7923

I clipped an article from the Indy Star dated 3/12/06 meaning to mention it here and then misplaced it. It was about the Solar storm cycle. The prediction is being made that the next cycle for solar flares and such will begin as much as a year late, probably in late 2007 or early 2008 and could be 30 to 50 percent stronger than the last one. It suggests that it will peak around 2012. Apparently, it is based on a new computer model developed at the National Center for Atmospheric Research. They ran a series of test runs and the new model simulated the strength of the past eight solar cycles with more than 98 percent accuracy. I am ready for it to start now, hi. It might not be as much fun as it used to be back in the 50's and 60's but it would still liven things up a bunch. 73.

DX WORLDWIDE - II

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All times unless noted otherwise

WESTERN HEMISPHERE

ARGENTINA: Radio Bethel from Villa Caraza, Partido de Lanus, Provincia de Buenos Aires is a new religious station broadcasting on 1640 kHz. According to Arnaldo Slaen, who reported hearing the station first on May 8, the signal in Buenos Aires is strong, and the previous dominant on the frequency, Radio Bolivia, is off the air. Radio Bethel broadcasts programs by the Asamblea de Dios (Assembly of God) church. (DXing.info)

R. Nacional, LRA, 870 in Buenos Aires, has just installed a new 100 kW transmitter, putting it back up to full capacity after many years running at only 20 kW, per press reports. Details (in Spanish) in upcoming DX Listening Digest 6-075. (Glenn Hauser, 16 May)

COLOMBIA: 1080 HJAX La 1080, Medellín, ex Radio Recuerdos Héctor Arboleda, 1530 HJDN LV de Jesucristo, Medellín, ex LV de Misericordia. (Héctor Arboleda, Arctic)

HONDURAS: The government of Honduras approved a decree by which the country's official time will be moved forward by 60 minutes, that is, implementing a summer time or daylight time regime, as in other countries. The local time is then UT-5 and not UT-6 anymore, since midnight of Saturday May 6 to Sunday May 7, 2006. At 0000 local time we moved our watches forward one hour. The government said "indefinitely", but I would bet this schedule will be on at least until Sept 30. Also Guatemala and Nicaragua have adopted this measure. So "keep an ear out" for Central American stations (Guatemala, Honduras, Nicaragua) now to begin broadcasting one hour early, possibly increasing

your chance of getting them in the local morning hours (from 10 to 11 UT) while we are entering the grey line. (Elmer Escoto, Honduras, May 9, DXLD)

URUGUAY: returned from UTC-2 to UTC-3 hours on Mar 12 at 0400 UT. (Horacio Nigro, DXLD)

ASIA AND PACIFIC

AFGHANISTAN: New Radio Station Opens in Afghan Province. The radio segments will include talk radio, broadcasting music, a message board and many others. Coalition forces and local authorities held a ceremony April 20 to celebrate the opening of a new radio station here. The station, 936 AM, sponsored by the US Commander's Emergency Relief Program, cost approximately \$200,000 and took six months to complete.

U.S. Army Lt. Col. Thomas Goodfellow, Qalat Provisional Reconstruction Team commander, sent the initial radio broadcast message where he addressed Zabul residents throughout 11 districts. Zabul Assistant Governor, Gulab Shaw, thanked coalition forces on the air for their effort in building the radio station. The radio segments will include talk radio, broadcasting music, a message board and many others. At the ceremony, 200 handheld radios were given to those in attendance and children were taught how to tune to 936 AM to hear the shows. By U.S. Army Capt. Lawrence Sekajipo 2nd Battalion, 4th Infantry Regiments, QALAT, Afghanistan, US Department of Defense press release <http://www.defendamerica.mil/articles/may2006/a051506dg3.html> 15 May. (Steve Whitt mwc)

AUSTRALIA: The NTC radio network continues with its plans to set up 48 stations and become the biggest country music network in Australia. On August 5 it is launching Radio 16 NTC in Dubbo, in New South Wales between the 1611 and 1629 AM frequency. Programs will initially be from Sydney but a Dubbo office will be opened by November. Dubbo now has three AM and five FM stations. (www.ozmusic.com.au via Dave Onley, mwoz 30 Apr)

Radio Two is in dire financial straits. According to The Australian newspaper dated March 23 <http://www.theaustralian.news.com.au/story/0,20867,18565679-12280,00.html>, Radio 2's national commercial radio service has gone through \$50 million so far and losing \$6 per year, with no more investors. Radio 2 now running canned music only. Some of its transmitters are still in operation, others are not. (paraphrased from various mwoz postings and the referenced article)

Just checked the Radio 2 website www.radio2.com.au and they have a scroll bar that states they are restructuring their operations, also that they are at the forefront of digital radio in Australia and as such have met considerable opposition from existing broadcasters. Here in Adelaide the advertised frequencies are not correct, 1629 is the Italian station and 1620 from Morphett Vale has never been on – or is so poor it can't be heard from 1km away. (Richard Jary, ARDXC, May 06)

1440 Canberra. SBS [Special Broadcasting Service] is conducting DRM trials with transmission gear supplied by Broadcast Australia. Alternates 2kW AM day and 500w DRM night. DRM 'hash' reported from Victoria, South Australia, NSW during night trials. SBS now granted callsign 1SBS and begins fulltime AM service here in July. (David Ricquish)

1386 Wollongong NSW, Australia. DRM trials licensed recently to South Australian radio engineering company on this ex-Sydney frequency. More details available soon. Be interesting to see if Auckland [NZ] Radio Tarana signal [10kW] is degraded. Trials must cease if interference caused to neighboring countries. (David Ricquish)

North East radio station 3NE/Edge FM has apologized for a broadcast on Tuesday afternoon that led to complaints from listeners about the use of bad language. North East Broadcasters' general manager, Colin Dayman, said technical and human error combined, with presenter Pat Gurry being unaware his comments were going to air after 4pm. Mr Dayman said at the same time Mr Gurry had been chasing an elusive blowfly in the studio, an electrical switch failed. He said the station had received 20 to 30 calls related to the matter. "Half the calls were people wanting to know what happened to the blowfly while the other half were complaining about the language," he said. (Australian Radio DX Club, May 2006)

I was able to hear and record the frequency swap today (1 May 06) of 3EE "Magic 693/1278" and 3AW on my JS145 Walkman Radio Cassette Recorder. Recorded on the bus on the way to work around Box Hill South Vic AUS:

07.15 hours (EST): 3AW commenced on both 693 & 1278 kHz. The last song on 693kHz 3EE was "Magic Moments" by Perry Como, followed by a "Magic 693" theme logo. Then there was an announcement "I'm flicking the switch", followed by 3AW commenting on testing their new signal in their own car park. Apparently, 1278 didn't even reach the car park!!! The first caller to 3AW on the new 693kHz frequency was from Wonthaggi Vic.

Recorded in Latrobe Street, Melbourne Vic AUS (Outside of my workplace): 10.00 hours (EST): 3AW closed 1278 prior to running the Southern Cross News and 3EE "Magic 1278" welcomed listeners to the new frequency at the end of the news at 10.10am. The "Magic 1278" opening was quite spectacular, as they even gave details on the station's history. (Robert Copeman, mwoz)

KOREA (NORTH): US envoy calls for more radio news broadcasts into North Korea: Increasing radio broadcasting about world events and supporting Korean defector groups are key ways to empower the North Korea people, says Jay Lefkowitz, US special envoy for human rights in North Korea. The propaganda used by Kim Jong Il to suppress his people can be countered only by access to

information about the outside world and the truth about conditions in North Korea, Lefkowitz told a joint hearing of the House International Relations subcommittees on Asia and the Pacific and on Africa, Global Human Rights, and International Operations yesterday.

Although radios are controlled by the regime and fixed to a single propaganda channel, there is evidence from North Korean defectors that indicate the number of radios smuggled from abroad might have increased substantially, Lefkowitz said. He cited a National Endowment for Democracy program to train North Korean defectors and South Korean democracy activists in journalism and broadcasting standards so they can broadcast into the North. "We support this project and view it as a possible precursor to a more robust broadcast platform that creates an open window to North Korea," Lefkowitz said. (US Department of State via Media Network weblog 28 April)

NEW ZEALAND: Some recent NZ Medium wave changes: 1278 NewstalkZB Eltham News/Talk 2.5kW is NEW //1053 New Plymouth. Easily distinguishable from 1278 NewstalkZB Napier-Hastings as carries a different ad stream during commercial breaks. 1413 NewstalkZB Tokoroa News/Talk ex Classic Hits from April 3 1557 Coast Hawera Easy Listening //1359 New Plymouth, ex NewstalkZB from April 1. (David Ricquish, HCDX)

657 Wellington, AM Network/Southern Star continues with DRM trials from time to time. DRM 'hash' clearly heard either side of 657 around midnight local [1200 UTC] past few days. (David Ricquish, 18 May)

EUROPE, AFRICA, AND MIDDLE EAST

FRANCE: 963 Paris Live Radio was to begin broadcasting on March 24, but reportedly this has been postponed. Paris Live Radio says it will become the first commercial English-language radio station in the French capital. The station is already broadcasting over the internet, and hopes to add an FM transmitter later. Paris Live Radio broadcasts 24 hours a day. The station is run by Renzie Duncan, an Australian lawyer, and aims to reach the English-speaking expatriate community as well as tourists visiting Paris. The station is located at 91, rue du Faubourg, St. Honoré, Paris 75008, France, and can be contacted by email or by phone at +33 1 53 09 26 20. (DXing.info 13 Mar via MWC, additional comment by Thierry Vignaud via BE, Arctic)

GERMANY: Since today (May 15) Truckradio is on air via the Burg transmitter on 531. The press release about the start of these transmissions has not been posted on their own website yet but already appeared here: <http://www.digitalerrundfunk.de/archiv/archiv.php?content=2003&&id=501> or <http://www.radioforen.de/showthread.php?p=241774> I was able to trace a presumed Burg signal only after Beromünster signed off, still almost buried in a jumble with presumed Romania. This hardly sounds like the 20 kW used by MDR until 1998. Will check it out during daytime for a more serious field strength assessment (pure ground wave signal). 531 kHz transmitter container and antenna: <http://img297.echo.cx/img297/3297/burg531bldg8aj.jpg> <http://img297.echo.cx/img297/9772/burg531dfa8bi.jpg> By the way, Oldiestar Radio announced DRM transmissions via Burg on 1575 with 100 kW (digital equivalent of 500 kW AM) already for January, later they told about a "small delay". Just mentioned here in case a DRM signal suddenly pops up on 1575. (Kai Ludwig DXLD 16 May)

ICELAND: Iceland 1530 AFN Keflavik "Thunder 15-30" - There have been press reports that the US forces will be withdrawn from the Keflavik Air Base next fall (2006). (HM/OA, Arctic)

ITALY: 693 RAI Milano Sizioso has started to broadcast in DRM. Power is supposed to be 100 kW. (Giampiero Bernardini, Milano, Italy via MWC e-mail news 8.4.2006) The DRM power should be lower than that but still sufficient to reach a large area during the night. (Alm, Arctic)

LATVIA: Due to additional antenna works, the start of the foreign relays via a 150kW transmitter in Ulbroka (Riga) on 945kHz, originally scheduled for May, will be delayed until at least July. (Bernd Trutenau, mwdx 18 May)

NORWAY: According to a feature program on NRK P2 last Saturday, 1314 will go silent from July 1st. As many will know, the transmission on 1314, named Europakanalen (something similar to The European Channel) was a mix of NRK P1 and P2 programs primarily aimed at Norwegian listeners in Northern Europe and at sea. To supply the fishing fleet with updated weather reports, NRK will launch a 24-hour satellite weather channel. (Bjarne Mjelde, mwc, 21 May)

PORTUGAL: As of today, 15th inst., and up till 10th July next, R.Club Português via R.Comercial MW stns on 783 kHz 10 kW Canidelo (Gaia) & 1035 kHz 100 kW Belmonte (Benavente) identifies on the air as "Rádio Portugal", the main stn slogan being "A Rádio da Seleção."

This temporary project has been just announced and is timed to last during the forthcoming football championships. When time comes, they'll be airing reports of all the matches broadcast by the TV stn [TVI-Televisão Independente] owned by the group [Média Capital Rádio].

During this period, RCP will be available on VHF-FM only... frankly, this has been far more reliable than via any of the only standing MW outlets: while the old Canidelo tx can hardly be tuned to here in Lisboa, the new Thales 100 kW unit at Belmonte is off the air for days on end (by the way, it was back on the air after my previous message on them, but the signal is weaker and the audio is clipped).

Very brief observations on "R.Portugal" 1035 kHz today reveal this is truly another nauseating (sry. for my misspelling of this word the other day!) source of football items which abound in today's Portuguese media. Their goal is to inform and to cheer the national team & supporters... While the tone is mild so far, then wait until the championship starts! Very sad: listening to WWV on 15 MHz is far more interesting & useful, hi! (Carlos Gonçalves, via mwc 16 May)

SPAIN: For those of you interested in Spanish MW, these are the local/regional breaks of SER Network in Horario Oficial Español (h.o.e. =UTC+2 summer time, UTC+1 winter time)

Monday to Friday: 0650 Regional news 10', 0720 Local news 10', 0750 Regional news 10', 0820 Local news 10', 3' Local breaks at 0927 1057 1103 1157, 5' Local breaks at 0955 1030 1130, 1003 Local 2', 1220 Regional news 10', 1230 Local program 90', 1405 Regional news 10', 1415 Local news 15', 1510 Local sport program 50', 3' Local breaks at 1630 1730 1820, 2025 Regional news 5', 2257 Local 3', 2355 Local 5'. 1' local breaks at Tue-Sat 0030 0100 0130 0159 0259 0359.

Saturday: 0820 Regional news 10', 0850 Local news 10', 3' Local breaks at 0955 1055 1155, 1205 Local program 115', 1405 Regional news 10', 1415 Local news 15', 1510 Local sport program 50', 1' local breaks at 1853 1953 2053 2153 2253, 2057 Local 3', Sun 0030 Local 1'.

Sunday: 0820 Regional news 10', 0850 Regional news 10', 3' Local breaks at 0955 1055 1155, 1205 Local program 115', 1405 Regional news 10', 1415 Local news 15', 1510 Local sport program 50', 1' local breaks at 1723 1823 1923 2023 2123 2223, 2327 Local 3', Mon 0030 Local 1'

Stations: If you are interested in SER stations, please let me know and I will send the complete list. (Ignacio Sotomayor, Spain, mwdx 27 Apr)

These are the Cadena COPE local/regional break in Horario Oficial Español (h.o.e. =UTC+2 Summer time, UTC+1 winter time). Sometimes it would change suddenly.

M-F: 3' Regional at 0557, 0625 y 0655, 0724 Regional 6', 0750 Regional 5', 0755 Local 5', 0824 Local 6', 3' local at 0857 0927 0957 1027 1057 1127 1157, 1205 Regional 25', 1230 Local 90', 1427 Local 3', 1435 Local 25', 3' local at 1627 1657 1727 1757 1827 1857, 1905 Local/Regional 55', 3' local at 1927 1957 2030 2130 2230 2330 2355 y 0057 (Tue-Sat). From Monday to Friday, if they have the special sports program, local 3' breaks change to 1' at xx10, xx20, y xx40.

Saturday: 3' local at 0857 0927 0957 1027 1057 1127 1157 1227 1257 1327 1357 1657 1757, 1' local at 1910 1940 2010 2040 2110 2140, 3' local 2357 0030 (Sunday)

Sunday: 0945 Regional 15', 3' local at 1057 1127 1157 1227 1257 1327 1357, 1' local at 1610 1640 1710 1740 1810 1840 1910 1940 2257 0030 (Monday). (Ignacio Sotomayor, mwdx 16 May)

PUBLICATIONS

WRTH SUMMER UPDATE

WRTH is pleased to announce that a Summer schedules file is now available for free download at the WRTH web site, www.wrth.com. Please follow the simple instructions on our site to download the file.

The file is pdf document and you will require the free adobe acrobat reader 5 or above to read it (a link to the Adobe website is on our page).

The file contains Summer 06 broadcasting schedules from all International and selected clandestine/target broadcasters. Also included are 'By Frequency' LW, MW and SW listings of the stations in the file plus a new feature for the Summer web file: broadcasts in English, French, German, Portuguese and Spanish.

The file contains 113 pages, the page layout is the same as WRTH, and is approximately 450k.

We hope that you find this file a useful accompaniment to the WRTH.

Regards, Sean Gilbert, International Editor (via HCDX)

BROADCASTS IN ENGLISH - A06 EDITION

The Summer 2006 (A06) edition of Broadcasts in English is now available from the British DX Club. It was compiled by Dave Kenny and includes details of all known international broadcasts in English on shortwave and medium wave for the A06 schedule period, as well as selected domestic English-language broadcasts on short wave. The 32-page booklet is in time order throughout and covers all target areas. Transmitter sites are given where known. It also includes a comprehensive guide to DX and Media Programs; schedules for Digital Radio Mondiale (DRM) transmissions and World Radio Network services in English to Europe.

Copies are available at the following prices (postage included):

United Kingdom - 2 pounds sterling, Overseas - 5 Euros, 6 International Reply Coupons or 6 US Dollars, Sterling payments by cheque/postal order to "British DX Club", Dollar or Euro payments in cash or via Paypal. Paypal payments - please e-mail for details: bdxc@bdxc.org.uk

All orders/enquiries to: British DX Club, 10 Hemdean Hill, Caversham, Reading RG4 7SB, UK

Or visit the BDXC-UK web site at <http://www.bdxc.org.uk>

AFRICA ON SHORTWAVE

An updated edition of the Africa on Shortwave guide is now available on the British DX Club web site. Compiled by Tony Rogers, Africa on Shortwave is a comprehensive country-by-country guide to domestic and external shortwave broadcasts from Africa, including selected opposition and target

broadcasts to the African continent. It is in pdf format and can be downloaded at: www.bdxc.org.uk - see Articles Index.

IRCA TECHNICAL COLUMN

Nick Hall-Patch – 1538 Amphion St – Victoria, BC, Canada V8R 4Z6

E-mail: nhp@ieee.org

Copper Tube Loop project

by Craig Healy

Most AM receiving loops are made of multiple turns of wire on a wooden frame. This can be wound flat as a spiral loop, or in a stacked form as a box loop. The resultant loop is then tuned by a capacitor to the desired frequency. Coupling to the receiver can be by a direct balanced high impedance connection (usually an FET amplifier), or by a single turn inductive pickup. Both work well.

There are disadvantages to this form of loop. When used inside, it can pick up local electrical noise, but it doesn't lend itself to remote use outdoors, as tuning is an issue. Also, it's physically fragile and very hard to weatherproof effectively. Large un-tuned loops using a single turn of wire don't have some of these problems, but are not self-supporting, often don't have enough output to be useable, and can give weak nulls.

Some time back while looking at a web site about VLF natural sounds reception (<http://www.stormwise.com/page28.htm>), I saw a single turn loop made of copper plumbing tubing and elbows. It was a square shape, incredibly simple to build, and very rugged. A ferrite toroid core was slipped over the tubing at the bottom center, and the elbows and piping were soldered together. The output from the antenna was taken from turns wound on the toroid, thus creating a transformer with the loop as a low RF resistance primary, and the turns of wire as secondary.

I decided to build one to see if it would work at AM frequencies. The first test version was built as a square of pipe, ten feet on a side and made of common 3/4" copper tube and 90° elbows. Standard plumbing solder and techniques were used. A common propane torch was adequate even when I used 1" tubing. I cleaned the copper with fine sandpaper and used flux; the solder I used was the Oatey brand lead free 5% silver stuff Home Depot sells. Put the flame mostly on the joint and let it suck the solder in.

A toroid salvaged from an old transmitter board was originally used for the pickup; later I bought some Amidon FT-240-77 toroids that work well. I'd originally tried twenty turns on the toroid, but found that provided very little output at all. After reducing the number of turns in steps of one or two down to two turns, I determined that four or five turns of #16 wire on the toroid delivered the best output signal. I use some friction tape over the windings for physical protection. The wires from the toroid were twisted for a length of a foot or so, then wrapped through a pair of Radio Shack chokes to reduce common mode currents and effectively balance the output. This also reduced noise pickup somewhat and seemed to balance the nulling over a non-choked version. See Figure 1. The leads were then soldered to a hanging SO-239 connector, though other kinds of connectors could be used. Finally, the coaxial lead to the receiver is attached to this connector.

I had usable results from about 150KHz through 7MHz. Signal strength slowly tapered off above that. Not needing to tune to the receive frequency is a big plus. Sensitivity was good, though a preamplifier (such as DX Engineering's RPA-1 (<http://www.dxengineering.com/>)) was helpful on the weaker stations. The antenna seems to receive better on low angle signals. For example, I had good hets one evening on 639 and 1089 on the loop that were nearly non-existent on my usual 100' sloper antenna.



Figure 1

Nulling was on a par with other loops used in the past. For example, I was able to reduce local WPRO-630 down to S-2-3 from S9+30, good enough in daytime to bring them down into the noise. 640 near Springfield, MA was S-5 or so, and perfectly listenable; normally the WPRO splatter makes it impossible. Nulling was fussy, but no more so than any other loop antenna. One very interesting and unexpected thing I found was that the toroid can be slid along the bottom tube to fine-tune the null. Even an inch or so of movement makes a noticeable change, but it nulls best within a couple feet of the center. Another thing I noticed is that the loop is not affected by hand capacitance. You can grab it to null a station, and taking your hand off doesn't change the null very much.

Next, I built a similar loop of five feet on a side, using 1" copper tubing. Overall signal was down a little from the ten foot previous version as expected. The DX Engineering preamp mentioned above was used, so the lower gain wasn't a problem. There didn't seem to be any difference in signal output between loops made with 1" and 3/4" tubing, though the 1" tubing makes a more rigid loop. I hung this loop by a rope from a rafter in my breezeway, and found its rotating showed a good symmetry in the pattern. A null of a station was at the same depth when the loop was turned 180°.

The next loop was only two and a half feet on a side and made of 1" Type M heavy tube. The signal output from this loop seemed to be about one half that of the larger loop. That bodes well for making even smaller loops; as long as the integrity of the null is maintained, a one-foot version may be OK. This smaller loop is the one you see in Figure 2; it can be easily mounted using a saddle clamp made out of wood as seen in the illustration. A piece of scrap 2x4 and some time with a drill press and hole saw was all that was required. Add in a foot of random dowel, and a circular cutting board from a closeout store for a base, and there you have it.

I also fitted a couple of two foot versions of this loop into the bed of my Chevy Blazer, just bungee corded to the spare tire at 90 degrees to each other. I was pleased to find that they were much quieter on ignition noise than the usual whip antenna when feeding the truck radio, a Palstar R30CC. Oddly, the loops pick up AM in a tunnel or metal bridge better than the whip does.



Figure 2

The next facet of this project involved disassembly and adding an identical toroid pickup at the top center of the tube loop (you can see these in Figure 2). Both outputs were then connected to the two inputs on a home-built phaser, similar to the Quantum (<http://dxttools.com/PRODUCTS.htm>), or one of Mark Connelly's (<http://www.qsl.net/wa1ion/>) or Dallas Lankford's (<http://www.kongsjord.no/dl/dl.htm>) designs. What this did was give the ability to apply a virtual tilt to the loop to deepen the null. I turn the loop to get the best possible azimuth null, then use the phaser controls to fine tune the null. The phase of one pickup toroid versus the other doesn't matter in this configuration as the phaser will correct for that. Note that the second pickup and phaser seem to just emulate the tilting of a normal loop. It does not create nulls in any other azimuth.

This dual feed arrangement has allowed deep nulls on my local stations so I can hear stations on the same frequency. Local WHJJ-920 was brought down so CKNX in Ontario was at a listenable level. The previous version of the loop couldn't do that.

Conventional loops must be tilted off vertical one way or the other to get the deepest null on a station. Having to mechanically move the loop in two planes adds significantly to the complexity and tuning skill required, and makes it quite impractical for outdoor remote use. This dual feed un-tuned model could be easily weatherproofed, and would merely require a common light duty rotor with a phasing unit in the shack to provide the user with deep nulls. Two equal lengths of coax are required, but paired RG-6 meant for satellite TV use is cheap and readily available. For years I've wanted a loop I could mount outside away from the house noise and could get the deep nulls I needed. This will do it.

Finally, I've had a chance to do some significant testing with the two five foot loops phased together. They were set about 250 feet apart, in reasonably clear spots, and set in line aimed about due north. The base for each was two mounts at each end, made from a couple of feet of 4x4 and a two foot piece of 2x4. I dado'ed a groove down the middle of each 4x4 and set it so the tubing was a force fit. Two 150 foot coax cables were connected to two DX Engineering preamps, and then to a home-built phaser similar to a Quantum. I used the receiver in the truck, simply because I didn't want to bother dragging the Drake outside. I don't think it mattered.

Some stations could be phased pretty well, though others like WCBS-880 could not. Interestingly, co-located WFAN-660 could be dropped into the dust. At higher frequencies, very little could be nulled at all. There was good pickup from each loop, and both delivered about the same level. I'm baffled as to why things didn't null well with these widely separated loops, as I'd assumed that the two figure-8 patterns could be multiplied together to form a hypercardioid pattern.

Next I moved both loops into the center of the open area and set them at 90 degrees to each other in a "T" position. Nulls could be had - and deep ones - on many more stations including some locals. The IBOC sideband of local WPRO-630 was dropped enough to hear WNNZ-640 clearly, normally very weak here. That configuration seems to be the best way to use these two loops. I'm considering making a similar setup and putting it up on top of my tower, rather than a dual-feed loop and rotor, as I'd originally thought.

I also tried used the two smaller loops in my truck with the phaser. They are already mounted in a "T" configuration, and I had been using a switch to select the better one for the desired station. The two preamps before the phaser seem to help with the nulls compared to a single preamp after the phase box. For normal use the two position switch is more reasonable. With the Palstar, I use the two preamps in series. This works out very well for on the road DXing.

I'm hoping that others try these loops so we can see just what can be done with them.

* * * * *

(editor's note: After reading Craig's findings, I constructed a 1.4 x 1.4 meter loop using ½" copper pipe and compared it to itself in various configurations, as well as to a similar sized wire loop (#28 wire). Signal strength comparisons were made on ground wave signals on 600, 630, 660, 980, 1000, 1550, 1600 and 1680 kHz using a Siemens D2007 frequency selective voltmeter. The findings directly relevant to Craig's article follows.

The toroid originally used was an FT114-43 that fit fairly snugly over the pipe; 5 turns was connected to the coax run to receiver. Using a larger toroid core (FT140-43) gave up to 6 dB more signal output over the 114-43 core with the ALA100, and using an FT140-J core sometimes gave a couple dB more signal than the FT140-43 core did, though it was comparable in the middle of the band. Craig's large type 77 core seems a good choice, judging by these findings.

Now, if I split that bottom cross piece pipe of the copper tube loop, and fed the FT140-43 core from the isolated pieces of pipe at the center (a one turn input on the toroid, 4 turns out), I gained another 2 to 7 dB, fairly consistently across the band; if I used 4 turns input, I got even more gain on some frequencies, but others not so much so. I am suspecting reactive effects from the increased number of turns; there's room for further experimenting here)

VERIFICATION SIGNERS

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My deadline is the last Monday of the month at 1500 ELT.

CONTRIBUTORS

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 REW **Richard E Wood**, HC 3 Box 11087, Keaau HI 96749-9221
 IRCA IRCA ListServ

FREQ	CALL	NAME, TITLE; ADDRESS; WHAT; WHEN; WHO
550	WDUN	Sandy Griffin, CE; PO Box 10, Gainesville GA 30503; Lbc; 130fr; JP
560	KLVI	Jim Love; OpsMgr; Beaumont TX; Q; 7; IRCA
710	CMW	Jorge Luis Martin Cuevas, J'Grupo Relaciones Públicas; Emisora Radio Rebelde, Apartado Postal 6277, La Habana, Cuba; QCBbc; 88; JP
740	KCBS	Ed Cavagnaro, Dir of Nx and Programming; 865 Battery St, San Francisco CA 94111; P; 42f; MF
830	KMXE	Brian Clark, DirEng; 15301 Ventura Blvd, Bldg D, Suite 200, Sherman Oaks CA 91403; LB+; 41; MF
860	KTRB*	Steve Dresser; 1192 Norwegian Ave, Modesto CA 95350; LMB+; 22; REW
900	KALI	Gary Mercer, Host/Producer; 747 E Green St, 4 th Floor, Pasadena CA 91101; L; 24; MF
920	KBAD	Bill Croghan, CE; 8755 W Flamingo, Las Vegas NV 89147; LB; 3; MF
1020	KCKN	Don Niccum; PO Box 220, Roswell NM 88202; Q; 15; MF
1020	KCKN	Don Niccum; PO Box 220, Roswell NM 88202; Q; 17; REW
1280	KFRN	Suong Tran, Public Affairs Dir; 3550 Long Beach Blvd, Suite D4, Long Beach CA 90807; LB+; 5; MF
1290	KKDD	Bill Georgi, Senior OpsDir; 2030 Iowa Ave, Suite A, Riverside CA 92507; P; 5; MF
1330	KGAK	[Illegible], PD; 401 East Coal Ave, Gallup NM 87301; P; 62f; MF
1330	WYRD	Ed McDade, CE; Entercom Greenville, LLC, 25 Garlington Rd, Greenville SC 29615; Lbc; 30; PM
1370	WGCL	Ron Tarsi, GM; 400 One City Centre, Bloomington IN 47404; Lbc; 91f; JP
1440	KDIF	Bill Georgi, Senior OpsDir; 2030 Iowa Ave, Suite A, Riverside CA 92507; P; 5; MF
1510	KGA	Dan Mitchinson, PD; 1601 East 57 th , Spokane WA 99223; E; 124f; MF
1610	CJWI	Mr. Badiana Bazin, Dir of Prog; 3733, Jarry Est, 2e Étage, Montréal PQ H1Z 2G1 Canada; P; 330ff; JP
1660	KTIQ	[None]; 1020 West Main St, Merced CA 95340; P; 93f; MF

WHAT was received: L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card or form supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by e-mail; fx = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies

WHEN the reply came: Number of days elapsed; f = Follow-up, by mail, FAX, e-mail, or visit; n = Return postage not used; r = Return postage returned

NOTES: * [For this column] = See comment below

Great to have Richard joining us this month! I look forward to your reports! Richard reports that the address and signer for his KTRB-860 Modesto verification is also good for the new KTRB-860 in San Francisco and the future KPMP-860 in Modesto which should sign on around July 20th. He also indicates that the address in the 26th edition of the NRC Log should not be used as it was that of a former portable KTRB studio. This column was prepared on 6/1/06, a couple of days late due to an office schedule change. 73, SSH.

SPECIAL FEATURE

QSL's From The Other Side of the Coin

By Les Rayburn, NRC/IRCA Broadcast Test Coordinator

In our effort to make it easier for stations to agree to include us in their maintenance plans, we have lately offered to take on the duties of responding to reception reports if they do not have the resources, time, or desire to undertake it themselves.

This experience has given me the unique experience of being on the receiving end of verification requests from DX'ers...and I've learned some lessons that I think may be useful for those interested in obtaining QSL's.

WDAB DX Test: Lessons Learned

In February of 2006, WDAB conducted a maintenance test and Paul Walker arranged for them to include test material including phonetic voice identifications, sweep tones, and Morse Code IDs. WDAB conducted the test at 5KW daytime power and on their non-directional pattern. The test was widely heard throughout the US and Canada.

The station is small, and with limited resources asked if we could handle the QSL duties directly. We agreed and when the test was announced, we posted the following QSL instructions (verbatim)



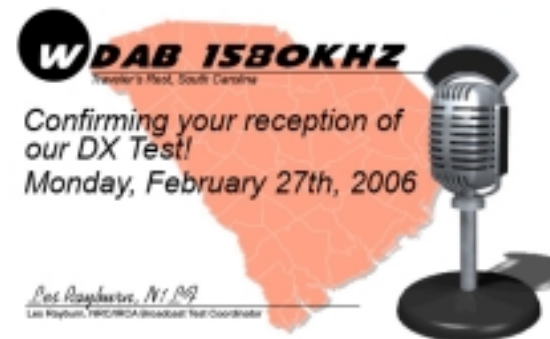
Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available) Station would prefer to receive recordings of the test (MP3, CD, or cassette). Submit reports to:

les@highnoonfilm.com

Please put "WDAB DX Test" in the subject line.

All standard mail reports should go to:

Les Rayburn
High Noon Film
100 Centerview Drive Suite 111
Birmingham AL 35216



While these instructions are obviously coming from a volunteer, who is also a DX'er himself, they are not dissimilar to instructions I've received from stations. More and more, folks would prefer to verify receptions via e-mail and the easiest way for them to be sure that you heard them is to listen to a recording. This isn't the case for everyone, maybe not even the majority, but it's the trend. Apple has sold a ton of those little I-Pod things, so it's safe to assume that MP3's are here to stay...while cassette recorders are getting harder to find.

In the case of the WDAB test, the instructions were designed for one reason, to make my life easy. Pure and simple. I run a television production company and don't have a lot of time for my hobby. So the instructions were designed to make it easy for me handle the QSL chores.

If a station is answering your request directly the same principal applies. Imagine the over-worked engineer who may be taking care of multiple stations, with no assistants to answer mail. He's pressed for time and couldn't care less about your hobby...so how do we approach this guy to get our QSL?

Make it easy for him to answer. Let's see how DX'ers did in that department with the QSL requests that I received.

- Total Reports received: 78
- % received via standard US Mail: 45%

Right off the bat, we've got some obstacles. Remember, the station asked for reports to be sent via e-mail, and only if that wasn't an option, send them via US Mail. But in reality about half of my mail reports were from people who also reported via e-mail!

Why? I assume that these folks really wanted a printed QSL card, rather than the .JPEG Picture file attachment that was sent via e-mail. In reality, there is no difference. Both are created in Photoshop, and for US Mail requests, I simply print them out on an ink-jet printer. Anyone who receives the file attachment via e-mail can do the same.

But the impact to the station is very real. I spent almost \$35 dollars in ink cartridges printing out the mailed request vs. pennies for the e-mail replies. Printing, addressing envelopes, applying postage, etc. took at least three hours of my personal time...while answering the e-mails was done during a single lunch hour.

As an experiment for this article, I grabbed ten US Mail requests at random to look at which ones had made it easiest for me to reply. My criteria was simple...I was looking for DX'ers who had made it easier for me to respond. I wanted a detailed written report or a clear, short recording on CD. And I wanted them to have included a self addressed stamped envelope so that I didn't have to spend time addressing letters.

Here are the results of grabbing ten requests at random. Names have been omitted to protect the innocent.

1. No SASE. Clear written report. Return postage included.
2. No SASE. Clear written report. Return postage included.

3. No problem at all. SASE, CD with short audio clip.
4. No SASE. Cassette tape used. Tape not "cued" to the start of best reception, so I spent almost 30 minutes listening for sweep tones and code.
5. No SASE. No return postage included. Cassette tape, also not cued... and this one even included audio from other frequencies. I was confused for almost an hour and I'm a DX'er!
6. No SASE. Return postage included. Cassette used but cued to short audio clip.
7. No SASE. Return postage included. Cassette used but test was easily heard throughout.
8. No Problems! SASE included. CD with MP3 audio clips, short, easy to verify.
9. NO SASE. CD audio included. Short clips.
10. Cassette... recorded almost a half hour before the test began... and tape not cued. No return postage included. Verifying this report and returning reply took over an hour.

Easy to see where some folks went wrong, right? Granted, my instructions did not specify that I wanted an SASE included, or that CD's were preferred to cassettes. But I think an SASE is just common courtesy and the best bet of all to have a report verified.

For me, cassette players have become relics. I have two teenage children, both in college. In none of our cars or our home is there a single cassette player remaining. I eventually borrowed one from the editorial production vendor that we use for our television work.

It's also hard to understand why anyone would send a tape with over an hour's worth of audio to a station, especially without cueing it first to the section where the test signal is clearest. Who has time to listen to that much audio? Certainly not many engineers or station managers.

Those who sent reports by e-mail also made some mistakes. Among those were the following examples:

- Very large sound files sent via e-mail. One was over 18 megs in size, which many Internet Service Providers (ISP's) would never allow to be delivered. Do a Goggle search to find free encoders to turn those huge .wav files into small .mp3 files.
- Unusual sound formats. I received recordings in Real Media (.rm), AIFF, and even .AVI formats. Since I work in television, I have software to allow me to play virtually any format...but I would not assume that is the same for the average radio station. The safest choices are .MP3, and .WAV. Try to keep files sizes under 4 Megs
- Reception reports sent to the various e-mail lists, rather than directly to my e-mail address as requested. If I hit the "reply" button, my response and your QSL card are going to be sent to the IRCA list or the NRC list, etc...etc. If you want a QSL card, send the report directly the station or their representative.

Broadcast Test Coordinator Soapbox



Our hobby is in a state of change. In order for us to be successful as DX'ers in the future, we are going to have to learn new techniques and we're also going to have to conduct ourselves in a manner that demonstrates the utmost courtesy for broadcasters.

My father would have said, "put yourself in the other guy's shoes". If you want a station to respond to your request for a QSL or verification letter, make it easy for them to do so with a minimum amount of time, effort, or money being expended. With my newfound viewpoint on the other end of the request, I'd offer the following advice:

- If the station asks for e-mail reports then do everything in your power to accommodate them. Libraries offer free Internet access almost everywhere in the country. Set up a free e-mail account using services like Yahoo (www.yahoo.com) or MSN (www.hotmail.com).
- Using the US Mail? Make it easy for them to reply. Include a self addressed stamped envelope (SASE) If you fear that you'll miss out on those stickers or other goodies that won't fit into a business sized envelope, then simply send a larger one with plenty of postage. Hey, you're the one who wants this stuff. Why make it hard on the station?
- Send a compact disc (CD) instead of a cassette. Face it, everyone has a CD... not everyone has a cassette player these days. If you don't have a computer, find a friend who is willing to dub them to a CD for you.
- If you must send a cassette, then make the recording as short as possible. "Cue" the tape to the point where the signal is clearest. Don't expect anyone to listen to a half hour of static trying to pick out some weak code or a voice ID.

- Be polite. I responded to QSL requests to WDAB within nine days of the test, but had already received four "follow up" e-mails and one letter wondering when the QSL's would go out. Get real... give the station at least 30 days before sending out any follow up.
- Be polite. If the card is late, very late, or never comes at all... don't spoil the hobby by sending out nasty follow up letters or saying how disappointed you are that they can't make time to verify your reports. QSL's are the bonus prize... and we need to view them as such.

On a positive note, along with many of the written reception reports many included cash (more than enough to pay postage—all of which I returned), station stickers, items that showed me what their part of the country was like (brochures, maps), etc. Almost ever letter included sincere thanks and words of encouragement.

Likewise, hardly an e-mail report was received that didn't include a big "Thank you", which we passed along to WDAB. Even with the extra time and effort required to provide the verifications, I certainly enjoyed the experience. It was fascinating to hear what the station sounded like from various parts of the country. Interesting to compare the sound of a Drake R8B to that of a Sony 2010. Encouraging to hear that most DX'er have to deal with at least as much noise as I do in Alabama... and satisfying to be part of arranging a test that was widely heard.

Here's to future DX tests and receiving QSL's from all of them!

SPECIAL FEATURE

QSL's Reported to DX Monitor SINCE 2002: An Index

by Richard E. Wood, Ph.D.

This list should be helpful to all who seek QSL's. It is an index, not a total reprinting of published data, so DX'ers will have to refer back to the relevant issues. Page numbers are omitted, to save space, but most issues are short and the QSL column is in a similar location in each.

Stations are arranged in frequency order, though one Canadian I.p.r.t. has been moved to the parent station (CBU 690) as I.p.r.t.'s are unmanned. The frequencies of several foreign network stations, e.g. Voice of Russia, China Radio International and New Zealand's Radio Rhema, are almost arbitrary; DX'ers reporting any of their multiple frequencies should get the same response.

No thorough analysis has been done, but a few trends are evident:

- 1) The X-band is well represented. This is a push-pull phenomenon. Because the stations are fairly new and experimental, they have a greater interest in listener response. And for the same reason, even old-established DX'ers may report them.
- 2) New stations generally respond better, then taper off over time.
- 3) Christian religious stations respond above average, as part of their mission.
- 4) Ethnic and linguistic minority stations appear to respond above the average.
- 5) Many old and well-known stations do not appear in this list, with it's arbitrary cut-off date and it's limited participation - only IRCA members and among those, those who collect QSL's and report their results to DXM. If members have post - 2002 QSL's from, e.g., WLS, WABC, WCBS, WBZ, CFRB, KFI, etc.- and all others, send them in for reference and for use. It's never too late!
- 6) Praiseworthy are clear-channel, well-known, old-established stations which continue to QSL. Kudos, then, to KEX, WLAC, KRLD, XEB, CBU, CBW, KRVN and many others!
- 7) The list contains only one European station (a small one in the UK), none in Africa, none in South America, but a reasonable number in the Pacific and Asia. Is this realistic? Are there IRCA'ns out there who have obtained QSL's from these regions and not reported them? Do it now!

531	2PM	4/3/04	590	KQNT	4/3/04,	640	RFO-G	10/4/03
540	WDAK	3/18/06			3/30/02	650	KMTI	2/5/05,
	XESURF	10/2/04		KXSP	2/4/06			4/3/04
	WDMV	8/23/03	594	R. Rhema	11/30/02		KENI	1/29/05
550	KUZZ	10/2/06	600	CKBD	5/1/04		KSTE	2/4/06
	KFYI	5/1/04	610	KCSP	3/18/06		WSM	2/2/02
	WKRC	5/1/04		KQJM	1/9/02	660	KXOR	8/6/05
560	WFIL	4/16/05	612	KUAM	1/29/05		WFAN	7/9/05
	KKFJ	3/30/02		DYHP	12/4/04	670	WSCR	2/4/06
570	WKBN	2/5/05	620	CKRM	5/1/04		KLTT	6/21/03
	KNRS	4/3/04,		KPOJ	1/10/04	675	Hanoi	5/24/03
		5/25/02		KTLK	2/2/02	680	KFEQ	1/1/05
	WNAX	2/4/06	630	WMAL	7/9/05	690	WTIX	11/5/05
	CKWL	3/30/02		KSLR	5/1/04		KORL	11/2/02
580	KMJ	11/5/05		KFXD	11/2/02		WJOX	9/6/03
	WGAC	2/5/05	639	8KN	9/18/04		CBU	8/31/02
590	KTIE	12/4/04		8RN	4/3/04	693	4LM	1/29/05
			640	WWJZ	7/9/05	700	KALL	1/1/05

SPORTS ON RADIO

Compiled by: **Bob Pietsch** (aka *The Rocklin Rocket*)

E-mail: robert@pietschs.net

2006 WNBA FLAGSHIPS (per www.wnba.com)

Charlotte Sting 106.1-WNMX-Waxhaw NC
Chicago Sky None
Connecticut Sun 102.3-WXLM-Stonington CT
Detroit Shock 1310-WDTW-Detroit MI
Houston Comets 610-KILT-Houston TX
Indiana Fever 1070-WIBC-Indianapolis IN
Los Angeles Sparks 1150-KTLK-Los Angeles CA
Minnesota Lynx 106.1-KLCI-Elk River MN
New York Liberty None
Phoenix Mercury 860-KMVP-Phoenix AZ
Sacramento Monarchs 1140-KHTK-Sacramento CA
San Antonio Silver Stars 760-KTKR-San Antonio TX
Seattle Storm 950-KJR-Seattle WA
Washington Mystics 1260-WWRC-Washington DC

2006 INDEPENDENT LEAGUE BASEBALL FLAGSHIPS - AMERICAN ASSOCIATION (per www.americanassociationbaseball.com)

Central Bend Aviators 1150-KCCT-Corpus Christi TX (a)/1230-KSIX-Corpus Christi TX (a)
El Paso Diablos 1380-KHEY-El Paso TX
Fort Worth Cats 1460-KHFX-Burleson TX
Lincoln Saltdogs 1240-KFOR-Lincoln NE
Pensacola Pelicans 1620-WNRP-Gulf Breeze FL
Shreveport Sports 1340-KRMD-Shreveport LA
Sioux City Explorers 1360-KSCJ-Sioux City IA
Sioux Falls Canaries 1230-KWSN-Sioux Falls SD
St. Joe Blacksnakes Internet
St. Paul Saints 1300-WQPM-Princeton MN
Affiliate 105.5-KDDG-Albany MN

(a) Co-Flagships

2006 INDEPENDENT LEAGUE BASEBALL FLAGSHIPS - ATLANTIC LEAGUE (primarily from www.atlanticleague.com)

Atlantic City Surf 91.7-WLFR-Pomona NJ
Bridgeport Bluefish 88.5-WVOF-Fairfield CT
Camden Riversharks Internet
Lancaster Barnstormers 1490-WLPA-Lancaster PA
Long Island Ducks 540-WLIE-Islip NY (a)
Newark Bears Internet
Road Warriors None
Somerset Patriots 1450-WCTC-New Brunswick NJ
Affiliate 89.9-WDVR-Delaware Township NJ

(a) Weekends only

2006 INDEPENDENT LEAGUE FLAGSHIPS - CANADIAN-AMERICAN LEAGUE (per www.canamleague.com)

Brockton Rox 1460-WBET-Brockton MA
Nashua Pride 1590-WSMN-Nashua NH
New Haven County Cutters Unknown
New Jersey Jackals 88.7-WPSC-Wayne NJ
North Shore Spirit 1510-WWZN-Boston MA
Quebec Les Capitales 800-CHRC-Quebec QC
Sussex Skyhawks Unknown
Worcester Tornadoes 580-WTAG-Worcester MA (a)/91.3-WCUW-Worcester MA (a)
Affiliate 970-WESO-Southbridge MA
Affiliate 1120-WBNW-Concord MA
Affiliate 1340-WGAW-Gardner MA

(a) Co-Flagship

If anybody has current info on flagships for New Haven or Sussex, please let me know. Thanks.

2006 INDEPENDENT LEAGUE FLAGSHIPS - FRONTIER LEAGUE (per www.frontierleague.com)

Chillicothe Paints 100.9-WXIZ-Waverly OH
Evansville Otters 91.5-WUEV-Evansville IN
Florence Freedom Internet
Gateway Grizzlies 1380-KSLG-St. Louis MO
Kalamazoo Kings 1660-WQSN-Kalamazoo MI
River City Rascals 100.7-KFNS-Troy MO
Rockford RiverHawks 1060-WRHL-Rochelle IL
Traverse City Beach Bums 94.3-WFCX-Leland MI
Washington Wild Things 95.3-WJPA-Washington PA
Windy City ThunderBolts Internet

2006 INDEPENDENT LEAGUE FLAGSHIPS - GOLDEN BASEBALL LEAGUE (per www.goldenbaseball.com)

Chico Outlaws 1290-KPAY-Chico CA
Fullerton Flyers 90.1-KBPK-Buena Park CA
Long Beach Armada Internet
Reno Silver Sox Unknown
San Diego Surf Dawgs Internet
Yuma Scorpions 560-KBLU-Yuma AZ

If anyone has info on the flagship for the Reno Silver Sox, let me know. Thanks.

2006 INDEPENDENT LEAGUE BASEBALL FLAGSHIPS - NORTHERN LEAGUE (per www.northernleague.com)

Calgary Vipers 960-CFAC-Calgary AB
Edmonton Cracker-Cats 1260-CFRN-Edmonton AB
Fargo-Moorhead Redhawks 970-WDAY-Fargo ND
Gary Southshore Railcats 95.9-WEFM-Michigan City IN
Joliet Jackhammers 1340-WJOL-Joliet IL
Kansas City T-Bones 1160-KCTO-Cleveland MO (a)
Schaumburg Flyers Internet
Winnipeg Goldeyes 1290-CFRW-Winnipeg MB
Affiliate 1570-CKMW-Winkler MB

(a) This station is a CP, supposedly not yet on-the-air. Previous flagship was the old KCKN-1340. Anyone have any current info?

2006 INDEPENDENT LEAGUE BASEBALL FLAGSHIPS - UNITED LEAGUE (per www.unitedleague.com)

Alexandria Aces 104.3-KEZP-Bunkie LA
San Angelo Colts 1260-KKSA-San Angelo TX

Can anyone provide current flagship info for the other 4 teams in the league - Amarillo Dillas, Laredo Broncos, Edinburg Coyotes and Rio Grande Valley White Wings?

2006 MINOR LEAGUE FLAGSHIPS - CALIFORNIA LEAGUE (A-ADVANCED) (per www.minorleaguebaseball.com/app/leagues/ip_index.jsp?sid=milb&lid=1110)

Bakersfield Blaze 1230-KGEO-Bakersfield CA
High Desert Mavericks 960-KIXW-Apple Valley CA
Inland Empire 66ers 91.9-KVCR-San Bernardino CA
Lake Elsinore Storm 1700-XEPE-Tecate BCN
Lancaster Jet Hawks 1340-KTPI-Mojave CA
Modesto Nuts 970-KESP-Modesto CA
Rancho Cucamonga Quakes 1370-KWRM-Corona CA
San Jose Giants Internet
Stockton Ports 1420-KSTN-Stockton CA
Visalia Oaks 1270-KJUG-Tulare CA

2006 MINOR LEAGUE FLAGSHIPS - CAROLINA LEAGUE (A-ADVANCED) (per www.minorleaguebaseball.com/app/leagues/ip_index.jsp?sid=milb&lid=1122)

Frederick Keys None
Kinston Indians 960-WRNS-Kinston NC
Affiliate 930-WDLX-Washington NC (b)
Affiliate 1250-WGHB-Farmville NC (b)
Lynchburg Hillcats 105.5-WKDE-Altavista VA

Myrtle Beach Pelicans 1050-WIQB-Conway SC (c)/93.7-WXJY-Georgetown SC (c)/93.9-WJXY-Conway SC (c)

Potomac Nationals Internet

Salem Avalanche 1240-WGMN-Roanoke VA

Affiliate 1060-WODY-Fieldale VA

Affiliate 1320-WVGM-Lynchburg VA

Affiliate 1430-WKEX-Blacksburg VA

Affiliate 1450-WREL-Lexington VA (a)

Wilmington Blue Rocks 1290-WWTX-Wilmington DE

Affiliate 1410-WDOV-Dover DE

Winston-Salem Warthogs Internet

(a) Partial schedule

(b) Monday nights April-June only

(c) Co-Flagships

2006 MINOR LEAGUE BASEBALL FLAGSHIPS - EASTERN LEAGUE (AA)

(per www.minorleaguebaseball.com/app/leagues/ip_index.jsp?sid=milb&lid=1113)

Akron Aeros 1350-WARF-Akron OH

Altoona Curve 93.5-WHPA-Barnesboro PA

Affiliate 920-WKVA-Lewistown PA

Affiliate 970-WBGG-Pittsburgh PA (a)

Affiliate 1340-WTRN-Tyrone PA

Affiliate 107.3-WDBA-Du Bois PA

Binghamton Mets 1290-WNBF-Binghamton NY

Bowie Baysox To Be Determined

Connecticut Defenders 1310-WICH-Norwich CT

Affiliate 96.9-WBLQ-LP-Ashaway RI (a)

Erie SeaWolves 1330-WFNN-Erie PA

Harrisburg Senators 1460-WTKT-Harrisburg PA

New Britain Rock Cats 1360-WDRC-Hartford CT

Affiliate 610-WSNG-Torrington CT

Affiliate 960-New Haven CT (b)

Affiliate 1240-WWCO-Waterbury CT

Affiliate 1300-WAVZ-New Haven CT (c)

Affiliate 1470-WMMW-Meriden CT

New Hampshire Fisher Cats 1450-WKXL-Concord NH

Portland Sea Dogs 1490-WBAE-Portland ME

Affiliate 780-WTME-Rumford ME

Affiliate 1220-WPHX-Sanford ME

Affiliate 1240-WCNM-Lewiston ME

Affiliate 1450-WKTQ-South Paris ME

Affiliate 106.5-WMEX-Farmington NH

Reading Phillies 1240-WIOV-Reading PA

Trenton Thunder 1260-WBUD-Trenton NJ

(a) Partial Schedule

(b) Saturdays only

(c) Wednesdays and Sundays only

2006 MINOR LEAGUE FLAGSHIPS - FLORIDA STATE LEAGUE (A-ADVANCED)

(generally per www.minorleaguebaseball.com/app/index.jsp?sid=1123)

Brevard County Manatees 920-WMEL-Melbourne FL

Clearwater Treshers None

Daytona Cubs 1380-WELE-Ormand Beach FL

Dunedin Blue Jays ?

Fort Myers Miracle 770-WWCN-North Fort Myers FL

Jupiter Hammerheads Internet

Lakeland Tigers None

Palm Beach Cardinals Internet

St. Lucie Mets To Be Determined

Sarasota Reds ?

Tampa Yankees None

Vero Beach Dodgers 1490-WTTB-Vero Beach FL

2006 MINOR LEAGUE BASEBALL FLAGSHIPS - INTERNATIONAL LEAGUE (AAA)

(generally per www.minorleaguebaseball.com/app/InIndex.jsp?sid=1117)

Buffalo Bisons 1230-WECK-Cheektowaga NY

Affiliate 1330-WSPQ-Springville NY (b)

Charlotte Knights 610-WFNZ-Charlotte NC

Columbus Clippers 1580-WVVO-Columbus OH

Durham Bulls 620-WDNC-Durham NC

Indianapolis Indians 950-WXLW-Indianapolis IN

Louisville Bats 970-WGTK-Louisville KY

Norfolk Tides 1310-WGH-Newport News VA

Ottawa Lynx Internet

Pawtucket Red Sox 790-WSKO-Providence RI (a)/WSKO-99.7 Wakefield RI (a) (b)

Affiliate 1340-WNBH-New Bedford MA (b)

Affiliate 1440-WVEI-Worcester MA

Affiliate 1450-WLKW-West Warwick RI (b)

Affiliate 1480-WSAR-Fall River MA (b)

Affiliate 1490-WMRC-Milford MA (b)

Richmond Braves 950-WXGI-Richmond VA

Rochester Red Wings 1280-WHTK-Rochester NY

Scranton - Wilkes-Barre Red Barons 1340-WYCK-Plains PA (a)/1400-WICK-Scranton PA (a)

Affiliate 1590-WPSN-Honesdale PA

Syracuse Skychiefs 1260-WNSS-Syracuse NY

Toledo Mud Hens 1470-WLQR-Toledo OH

(a) Co-flagships

(b) Partial schedule

2006 MINOR LEAGUE FLAGSHIPS - MIDWEST LEAGUE (A)

(per www.minorleaguebaseball.com/app/index.jsp?sid=1118)

Beloit Snappers 1380-WTJK-South Beloit IL

Burlington Bees 1360-KBKB-Fort Madison IA (a)/1490-KBUR-Burlington IA (a)

Cedar Rapids Kernels 1450-KMRY-Cedar Rapids IA (a)/1600-KCRG-Cedar Rapids IA (a)

Clinton Lumberkings 1340-KROS-Clinton IA

Dayton Dragons 1410-WING-Dayton OH

Fort Wayne Wizards 1380-WKJG-Fort Wayne IN

Kane County Cougars 1280-WBIG-Aurora IL

Lansing Lugnuts 92.1-WQTX-St. Johns MI

Peoria Chiefs 1350-WOAM-Peoria IL

South Bend Silver Hawks Not available

Southwest Michigan Devil Rays 930-WBCK-Battle Creek MI (a)/1400-WRCC-Battle Creek MI (a)

Swing of the Quad Cities 1270-WKBF-Rock Island IL

Western Michigan Whitecaps 1340-WBBL-Grand Rapids MI

Wisconsin Timber Rattlers 92.3-WJMQ-Clintonville WI

(a) Co-Flagships

If anyone has current info on the South Bend Silver Hawks flagship, please let know.

2006 MINOR LEAGUE BASEBALL FLAGSHIPS - PACIFIC COAST LEAGUE (AAA)

(generally per www.minorleaguebaseball.com/app/index.jsp?sid=1112 and per Sacramento Bee 04/14/06)

Albuquerque Isotopes 610-KNML-Albuquerque NM

Colorado Springs Sky Sox 1240-KRDO-Colorado Springs CO

Fresno Grizzlies 1550-KXEX-Fresno CA

Iowa Cubs 1460-KXNO-Des Moines IA

Las Vegas 51's 1460-KENO-Las Vegas NV/870-KLSQ-Whitney NV (a)

Memphis Redbirds 560-WHBQ-Memphis TN

Nashville Sounds 560-WNSR-Brentwood TN/810-WMGC-Murfreesboro TN (b)

New Orleans Zephyrs 690-WIST-New Orleans LA

Oklahoma Red Hawks 930-WKY-Oklahoma City OK

Omaha Royals 1490-KOMJ-Omaha NE

Portland Beavers 1550-KKAD-Vancouver WA

Round Rock Express 1260-KWNX-Taylor TX

Sacramento River Kings 1380-KTKZ-Sacramento CA(b)/105.5-KTKZ-Dunnigan CA (b)/106.1-KCFA-Arnold CA (a)

Salt Lake Bees 1230-KJQS-Murray UT

Tacoma Rainiers 850-KHHO-Tacoma WA

Tucson Sidewinders 1450-KWFM-Tucson AZ

(a) Spanish

(b) Co-Flagship (6 games only)

2006 MINOR LEAGUE FLAGSHIPS - SOUTH ATLANTIC LEAGUE (A)
(per www.minorleaguebaseball.com/app/leagues/ip_index.jsp?sid=miib&lid=1116)

Asheville Tourists None
 Augusta GreenJackets To be announced
 Charleston RiverDogs 910-WTMZ-Dorchester Terrace-Brent SC (a)/950-WQTK-Moncks Corner SC (a)/1450-WQNT-Charleston SC (a)
 Columbus Catfish Unknown
 Delmarva Shorebirds 99.3-WVES-Accomac VA
 Greensboro Grasshoppers 950-WPET-Greensboro NC
 Greenville Drive Internet
 Hagerstown Suns 1410-WHAG-Halfway MD
 Hickory Crawdads 92.1-WMNC-Morganton NC
 Kannapolis Intimidators Internet
 Lake County Captains 1330-WELW-Willoughby OH
 Lakewood BlueClaws 1160-WOBM-Lakewood Township NJ (a)/1310-WADB-Asbury Park NJ (a)
 Lexington Legends 1300-WLXG-Lexington KY
 Rome Braves 1410-WLAQ-Rome GA (a)/95.7-WATG-Trion GA (a)
 Savannah Sand Gnats None
 West Virginia Power 1490-WSWW-Charleston WV
 Affiliate 930-WRVC-Huntington WV

(a) Co-Flagships

If anyone have current info on broadcasts for the Augusta GreenJackets and Columbus Catfish, let me know.

2006 MINOR LEAGUE FLAGSHIPS - SOUTHERN LEAGUE (AA)
(per www.minorleaguebaseball.com/app/leagues/ip_index.jsp?sid=miib&lid=1111)

Birmingham Barons 101.1-WYDE-Cullman AL
 Carolina Mudcats 570-WDNZ-Raleigh NC (a)/102.5-WKXU-Louisburg NC (a)
 Chattanooga Lookouts 98.9-WQMT-Chatsworth GA
 Huntsville Stars 1450-WTKI-Huntsville AL
 Jacksonville Suns 930-WFXJ-Jacksonville FL
 Mississippi Braves 930-WFSZ-Jackson MS
 Mobile BayBears 1480-WABB-Mobile AL
 Montgomery Biscuits 1440-WLWI-Montgomery AL
 Tennessee Smokies 99.1-WNML-Loudon TN (a)/99.3-WNRX-Jefferson City TN (a)
 West Tennessee Diamond Jaxx 101.5-WNWS-Jackson TN

(a) Co-Flagships

2006 MINOR LEAGUE FLAGSHIPS - TEXAS LEAGUE (AA)
(per www.minorleaguebaseball.com/app/leagues/ip_index.jsp?sid=miib&lid=1109)

Arkansas Travelers 1380-KDXE-North Little Rock AR
 Corpus Christi Hooks 103.7-KOUL-Sinton TX
 Frisco RoughRiders 1630-KKGM-Fort Worth TX
 Midland Rockhounds 550-KCRS-Midland TX
 San Antonio Missions 680-KKYX-San Antonio TX
 Springfield Cardinals 98.7-KWTO-Springfield MO
 Tulsa Drillers 1430-KTBZ-Tulsa OK (a)/1300-KAKC-Tulsa (b)
 Wichita Wranglers 1410-KGSO-Wichita KS

- (a) Week nights and all weekends
- (b) Week days

2006 FLAGSHIPS - MAJOR LEAGUE SOCCER
(per www.mlsnet.com/MLS/index.jsp)

Chicagop Fire 1030-WNVR-Vernon Hills IL (Polish)/1200-WRTO-Chicago IL (Spanish)
 Club Deportivo Chivas USA 1020-KTNQ-Los Angeles CA (Spanish)
 Colorado Crush 1090-KMXA-Aurora CO (Spanish)
 Columbus Crew 105.7-WBWR-Hilliard OH/1550-WXOL-Delaware OH (Spanish)
 DC United 1160-WMET-Gaithersburg MD/1540-WACA-Wheaton MD (Spanish)
 FC Dallas 910-KXEB-Frisco TX/990-KFCD-Farmersville TX (Spanish)
 Houston Dynamo 850-KEYH-Houston TX (Spanish) (a)/101.7-KXGJ-Bay City TX (Spanish) (a)
 Kansas City Wizards None
 Los Angeles Galaxy XEPE-1700-Tecate BCN/830-KMXE-Orange CA (Spanish)
 New England Revolution 680-WRKO-Boston MA (a)/103.7-WEEI-Westerly RI (a)
 Affiliate 1440-WVEI-Worcester MA

New York Red Bulls 1280-WADO-New York NY (Spanish)
 Real Salt Lake 700-KALL-North Salt Lake City UT/1600-KXTA-Centerville UT (Spanish)

(a) Co-Flagships

Here are a couple of flagships for the minor league United States Basketball League (per www.oursportscentral.com/sports/?l_id=26)

Dodge City Legend 98.1-KSKZ-Copeland KS
 Kansas Cagerz 95.5-KQNS-Lindsborg KS

GEOMAGNETIC INDICES

Compiled by: Phil Bytheway

E-mail: phil_tekno@yahoo.com

Geomagnetic Summary March 14 2006 through June 6 2006

Tabulated from email status daily.

Date	Flux	A	K	Space Wx	Au						
3/14	73	1	2	no storms	x	4/26	95	6	1	no storms	4
15	74	2	0	no storms	4	27	100	4	1	minor	3
16	74	3	2	no storms	x	28	101	4	1	moderate	6
17	72	7	1	no storms	1	29	100	19	2	minor	5
18	72	7	0	no storms	x	4/30	101	1	1	no storms	3
19	72	22	6	moderate	9	5/ 1	100	1	1	no storms	2
20	75	33	3	moderate	7	2	93	3	1	no storms	2
21	77	25	3	minor	7	3	89	6	2	no storms	4
22	77	26	3	no storms	x	4	89	5	1	no storms	x
23	76	11	2	no storms	6	5	92	12	2	minor	6
24	77	11	1	no storms	3	6	87	16	0	no storms	3
25	76	2	1	no storms	6	7	87	16	4	no storms	x
26	76	3	1	no storms	x	8	86	19	2	minor	6
27	74	5	2	no storms	7	9	85	8	1	no storms	4
28	74	5	2	no storms	x	10	83	3	1	no storms	4
29	79	5	0	no storms	5	11	78	2	1	no storms	7
30	82	5	0	no storms	2	12	76	5	2	no storms	7
3/31	84	2	1	no storms	5	13	76	18	2	no storms	x
4/ 1	86	4	1	no storms	8	14	74	13	2	no storms	5
2	87	1	0	no storms	2	15	72	9	2	no storms	5
3	91	1	0	no storms	1	16	72	9	0	no storms	x
4	100	1	1	no storms	4	17	72	4	1	no storms	x
5	100	7	3	x	x	18	72	1	3	no storms	x
6	99	24	2	minor	6	19	73	19	3	minor	8
7	99	24	2	no storms	x	20	75	7	2	no storms	4
8	95	4	2	no storms	3	21	76	10	2	no storms	5
9	91	5	1	no storms	5	22	78	5	2	no storms	7
10	89	26	3	moderate	10	23	83	6	2	no storms	5
11	89	30	2	minor	x	24	84	5	0	no storms	3
12	90	5	1	no storms	4	25	84	6	1	no storms	x
13	81	1	0	no storms	3	26	84	5	x	x	x
14	80	10	2	no storms	6	27	82	1	0	no storms	5
15	79	45	4	strong	6	28	83	1	1	no storms	2
16	78	22	3	minor	8	29	85	5	1	no storms	1
17	77	13	2	no storms	7	30	81	2	1	no storms	6
18	78	7	2	no storms	5	5/31	80	13	3	no storms	8
19	74	4	0	no storms	6	6/ 1	78	5	1	no storms	4
20	75	4	2	no storms	x	2	77	15	3	no storms	7
21	79	3	1	no storms	5	3	75	10	1	no storms	4
22	79	4	4	no storms	x	4	76	3	0	no storms	3
23	82	15	1	no storms	5	5	76	3	0	no storms	x
24	87	8	1	no storms	3	6/ 6	78	5	1	no storms	5
4/25	93	7	1	no storms	3						



We have just published three new CDs of interest to radio enthusiasts.

- * Medium Wave News Volume 51: 2005-6
- * Radio Caroline 1983-1987
- * Laser 558 1984-1986

You can also find this on our website here: <http://www.mwcircle.org/mcd.htm>.

However on the website you can see sample information from the Medium Wave News Volume 51 CD and you can listen to unique extracts from the Radio Caroline and Laser 558 CDs.

Our website also includes full ordering information - orders can be by mail order or on-line. We have recently introduced secure on-line payment via credit card or PayPal account at www.mwcircle.org/shop.htm.



SUMMARY OF CD CONTENTS

Medium Wave News Volume 51: 2005-6

This edition contains 596 pages of Medium Wave News from April 2005 to March 2006. This is the biggest ever volume of Medium Wave News

2005 was an excellent year for long distance MW DX and numerous "UK Firsts" were heard. The vast majority are included on this CD as mp3 files. Over 140 unique audio clips are included here.

In addition the 2006 CD includes:

- * 48 useful maps
- * 4 All Time DX Lists listing over 2000 stations heard in the UK from outside Europe.
- * complete daily geomagnetic data for 2005 (and 3 years previous)
- * 24 receiver manuals
- * 60 receiver reviews
- * a selection of useful software
- * all the important and up to date station lists (including latest EMWG & PAL)
- * brand new 200 page Beacon Hunter's Handbook
- * New this year is a special feature on spectrum analysis for MW listeners.

In summary a vast amount of written material, audio and video for the keen DXer but, as they say, there is too much to list everything here!

Radio Caroline 1983-1987

This is a double CD set of original off air recordings of Radio Caroline in mp3 format made between 1983 & 1987 and contains 50+ hours! Included is the opening hour of official broadcasts on 20th August 1983 with Tom Anderson, a 2 hour tour around the Ross Revenge with Bruce Purdy on Christmas Day 1984, New Year's Eve 1984 Party, Knock Deep Tea party with John Ford, New Year's Eve 1985 party, Christmas Day 1985 etc.

Recordings include Keith King, Neil Francis, Paul McKenna, Simon Barrett, Stuart Vincent, Susan Charles, Tony Peters, Kevin Turner, Peter Phillips, Nigel Roberts, Bob Matthews, Dave Collins, Dave Windsor, Jay Jackson, John Lewis, David Andrews, Andy Johnson etc, etc

Laser 558 1984-1986

This is a double CD in mp3 format of original off air recordings of Laser 558, the famous offshore radio pirate, made between 1984 & 1986. Included in the 35+ hours is a 90 minute test transmission from the Communicator on 729 kHz in February 1984. There are 3 hours from Laser 558's official opening day on 24th May 1984, 1 hour from Steve Masters and 2 hours from Jessie Brandon.

There are more than 7 hours from Charlie Wolf including "Euro Siege" recordings. There are many hours of Sixties Sunday programming from various DJ's such as Dave Chaney, David Lee Stone, Jay Mack, Jo Nell, Craig Novak, Jeff Davis, Tommy Rivers, Chris Carson, Holly Michaels, Rick Harris, Liz West, Erin Kelly, John Leeds. There are recordings from seldom heard Mighty Joe Young and Paul

Dean. There's also 2 hours of programming from Laser's brief reincarnation as Laser Hot Hits on 576 kHz with John Anthony and KC.

CD PRICING

CD Title	UK	Europe	Rest Of World
MWN Volume 51	£5	€10	US \$11
Radio Caroline 1984-1986 Double CD	£9	€15	US \$18
Laser Radio 1984-1986 Double CD	£9	€15	US \$18

Prices include post & packing.

ORDERING

This can be by post or on-line. For secure online ordering please visit the website www.mwcircle.org/shop.htm.

By Mail Order please place your order by writing to: Medium Wave Circle, 59 Moat Lane, Luton LU3 1UU, United Kingdom. Please clearly indicate what you want to order and your name & address, and remember to include payment.

Cheques etc: All payments should be made to "Medium Wave Circle". In the UK a cheque or Postal Order is preferred. All overseas non-cash payments (e.g. bank draft, International Postal Money Order, Girocheque) must be in GBP Sterling. We regret that we can no longer accept Eurocheques due the high cost of handling them.

Cash payments can be accepted in GBP Sterling or the equivalent in any major currency (please NO coins) but Sterling, Euro's or US dollars are preferred. Please allow for exchange rates and round up the amount you send. (e.g. if cost is €14.4 please send 15). We recommend registered post for cash sent via the post. If you cannot transfer money we will accept correctly franked International Reply Coupons at a rate of 2.5 per GBP (e.g. 25 IRCS = GBP10).

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November) and in printed form 30 times a year (weekly November through March, monthly April to November). **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists.



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Make checks and Money Orders in US funds payable to IRCA.

All dues and address changes go to: **IRCA, PO Box 60241, Lafayette LA 70596**

Pay electronically with **PayPal**—add \$1 to all prices above. Go to www.paypal.com, then send your dues to ircamember@ircaonline.org --contact Lynn Hollerman for more information.

Sample copies of DX Monitor are available. Along with your request, please include first class postage of: **39c** for USA addresses, **63c** for Canada and Mexico or **2-International Reply Coupons** each, for other countries. Send to: **IRCA**– 3410 Marion St. SE, Albany, OR 97322-3871. (Maximum two samples per year)

For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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