

July 9, 2005 - Volume 42, Number 29 - Edition 1351 - ISSN 899-9733

IRCA welcomes **John Rowbotham** - Anglemont, BC and **Thomas Giella** - Plant City, FL.... enjoy pb

The **IRCA Bookstore** is looking for someone to take over the duties as "IRCA Mexican Log" editor. Duties include updating the log using MS Access and preparing it for publication this fall.

The **IRCA Bookstore** is also looking for someone to take over the duties as "Slogan's List" editor. Duties will include taking over Rich Toebe's database and producing a new list for the next DX season (August-September time frame). Contact **Phil Bytheway** - phil_tekno@yahoo.com for details on either position

HQ NOTES

from **Tim Noonan**: Madison-Milwaukee GTG: The 12th annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday, August 20, 2005, beginning at 1 PM CDT. This year's event will take place at Burrows Park, Madison WI, on the shores of beautiful Lake Mendota. This year's hosts are **Bill** and **Nina Dvorak**. For more information, please e-mail Bill at **dxerak@aol.com**, write Bill and Nina at 501 Algoma Street Madison WI 53704-4812, or phone 608-244-5497.

The **2005 IRCA/DecalcoMania** convention will be held on Thu. Aug. 25 through Sat. Aug 27, 2005 at the Days Inn, 1111 S. Harbor Blvd. Anaheim CA 92805 (1 block North of Disneyland) **www.the.daysinn.com/anaheim04986**. Phone number for reservations is 714-533-8830 (request the special \$59 room rate.) Registration fee (not including banquet) is \$25 payable to Mike Sanburn, PO Box 1256, Bellflower CA 90707-1256 - **mikesanburn@hotmail.com**. Activities will include station tours, business meeting, auction, and banquet -view menu at **www.jagerhaus.net**. Should have lots of stickers and airchecks. Looking forward to seeing everybody.

Here's the list of websites for sites in the area of this year's convention:
www.disneyland.com, **www.knotts.com**,
www.downtowndisney.com, **www.knotts.com**,
www.universalstudioshollywood.com,
www.sixflags.com, **www.movieandwaxmuseum.com**,
www.seaworld.com, **www.medievaltimes.com**,
www.catalinaexpress.com, **www.irvinemuseum.org**,
www.visitorangecounty.net, **www.planesoffame.org**.

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National Radio Club/DX Audio Service - Kulpville 2005

Location: Best Western "The Inn at Towamencin", 1750 Sumneytown Pike, Kulpville, PA 19443 (Lansdale), Phone: 215 368 3800, 800 277 3615 (reservations only). Rooms: \$75 per night (mention the National Radio Club for this rate) Room sharing is limited to FOUR per room. Registration : \$45 for convention and banquet/ \$35 for wives, \$20 for convention only, (no banquet)/ \$10 for wives

Activities

Friday -- Registration starting at 9 AM. Friday Evening -- An illustrated tour of AM Radio in Tampa Bay including an explanation of just what "Tampa Bay" means! Saturday morning -- Tour of Philadelphia stations WFIL-560 and WNTP-990; car pools will be arranged. Saturday afternoon -- Display of radio newspapers and magazines from the 1920s and 1930s. Complete lists of radio stations from the early 20s up to the present for your review. Saturday evening -- Annual NRC/DXAS Meeting and auction of valued treasures. Sunday morning -- Wakeup quiz (you can win all sorts of candies for yelling out correct answers to important radio station trivia). Dress Rehearsal for the October DX Audio Service Travellog featuring stations operating at 930 on the AM dial. Annual official NRC Examination with a free one-year membership going to the winner. Sunday afternoon -- Dave Marthouse will entertain with his stories of how a small AM station in a small market can not only exist, but can thrive! Sunday evening -- Annual Banquet right in the meeting hotel Guest speaker is Dave McCrork, operator of Internet Station WNAR-AM along with a Part 15 station in nearby Lansdale. Monday - Departure with a promise to re-assemble next year!

PLEASE NOTE: A special program for the ladies is in the works and will be announced as soon as possible. Additional program activities are always added a week or two before each convention so watch this space as the time draws closer.

Auction

Items for the auction can be mailed to: Dave Schmidt, P O Box 3111, Scranton, PA 18505-0111 via regular mail. Our guest speaker will be Dave McCrork, who operates internet station WNAR-AM (www.wnar-am.com) along with a part 15 operation in Lansdale. The Best Western has a good restaurant on site but lots of others in the area. Thats the info for now! Dave Schmidt, nrcmusings@aol.com

via IRCA's eGroup and **Pat Martin**: "I just got an e mail from the wife of long time New Zealand DXer, Laurie Boyer. He passed away June 7. The funeral was June 11. I am sure Marylou would appreciate cards.

Marylou Boyer, 50 Miller Street, Invercargill, New Zealand
 Rest in peace my friend. You will be missed."

From **Pat Martin** via IRCA eGroup: "I just received the sad news via David Onley that Ralda Cushen, wife of Arthur Cushen of New Zealand, has passed away. I know they were both very close. It must have been very rough on her to lose Arthur. She passed on June 24th. My prayers are with the family."

ELECTION RESULTS

Raymond Bauernhuber - 151-64 18th Ave - Whitestone NY 11357-3102
 E-mail: **DXRADIO@Webtv.net**

Voting on IRCA Board of Directors Chairman. The results of this election is as follows:

Phil Bytheway - 6 Votes
 John C. Johnson - 1 Vote

Congratulations to Phil Bytheway, the new Chairman of the Board for IRCA!

BROADCASTING INFORMATION

Robert Wien - 7190 Abigail Pl - Fontana, CA 92336-5752
 Email: **wienbob@aol.com** phone: 909-350-4898 Ham calls: KG6RJW

CALL CHANGES

FREQ	OLD CALL	CITY	NEW CALL
540	KXME	Carmel Valley, CA	KRXA
1100	new	Las Vegas, NV	KWWM
1120	WMNY	Buffalo, NY	WBBF
1160	KBIS	Highland Park, TX	KMGS
1210	KDDS	Auburn, WA	KWVG
1470	WTKO	Ithaca, NY	WNYY
1490	KVAC	Forks, WA	KBIS
1500	WWFN	Macon, GA	WAYS

FORMAT CHANGES

FREQ	CALL	CITY	OLD INFO	NEW INFO
540	XESURF	Tijuana, BCN	oldies "The Shuffle"	adult standards
560	WCKL	Catskill, NY	oldies	silent
590	WDIZ	Panama City, FL	sports	traffic/weather info
640	WMFN	Zeeland, MI	talk	urban AC
850	KWOF	Waterloo, IA	contemp. Christian	contemp. Xtian //89.1 FM
860	KNUJ	New Ulm, MN	WW1 country	WW1 classic hits
900	KPYN	Atlanta, TX	religious teaching	contemporary Christian
900	WATV	Birmingham, AL	black gospel	urban contemporary
910	WEFG	South Pittsburg, TN	classic country	traditional country
940	WGRP	Greenville, PA	oldies	Christian rock
950	WGTA	Summerville, GA	regional Mexican	silent
990	WLEE	Richmond, VA	adult standards	Salem southern gospel
1030	WBSG	Point Pleasant, WV	religious teaching	talk
1070	KOPY	Alice, TX	country	Fox sports
1150	KUHD	Port Neches, TX	Spanish contemporary	Spanish CHR
1190	WSDQ	Dunlap, TN	ABC classic country	ABC traditional country
1200	KYAA	Soquel, CA	oldies	Indian radio

1210	KWVG	Auburn, WA	KDDS, reg. Mexican Spanish hits
1210	WMPS	Bartlett, TN	Jones adult alternative Jones adult standards
1230	KCUP	Toledo, OR	adult standards talk
1240	KIUL	Garden City, KS	talk ESPN sports//KFLA-1310
1240	WMGJ	Gadsden, AL	urban contemporary urban AC
1260	KKGO	Beverly Hills, CA	KSUR, oldies//540 adult stds //XESURF-540
1280	WOWZ	Appomattox, VA	business news adult standards
1310	KFLA	Scott City, KS	talk ESPN sports
1310	WPBC	Decatur, GA	Spanish hits silent
1320	WLOH	Lancaster, OH	oldies talk
1340	WHAP	Hopewell, VA	adult standards Salem south. gospel //WLEE
1360	WWOW	Conneaut, OH	news/talk oldies
1400	KCOG	Centerville, IA	ABC adult contemp. ABC oldies
1400	KEWL	Texarkana, TX	oldies silent
1400	WSGC	Elberton, GA	WW1 adult stds. WW1 oldies
1420	KJCK	Junction City, KS	country news/talk
1430	WLTG	Panama City, FL	news/talk talk
1460	KCNR	Shasta, CA	silent Jones adult stds MOYL
1470	WNYY	Ithaca, NY	oldies talk
1480	KLEE	Ottumwa, IA	talk oldies
1480	KNTB	Lakewood, WA	classic rock Spanish religion
1480	WSDS	Salem, MI	traditional C&W Spanish
1490	WESL	East St. Louis, MI	urban AC R&B oldies
1490	KBRO	Bremerton, WA	classic rock Spanish religion //KNTB
1550	KXEX	Fresno, CA	regional Mexican Radio Disney //KAVT-1680
1550	WITK	Pittston, PA	oldies EW/TN //WLOF
1570	WANR	Warren, OH	contemporary Xtian oldies
1590	WCSL	Cherryville, NC	adult contemporary contemporary Xtian
1700	WJCC	Miami Springs, FL	Spanish religion ethnic

NEW STATION APPLICATIONS

1180	Humble, TX	50000/3000 DA2 (KGOL)
1340	Bishop, CA	1000/1000 ND2

NEW STATION GRANTS

1190	Tolleson, AZ	400-N (KMYL)
1620	Toms River, NJ	10000/1000
1690	Charlotte Amalie, VI	10000/1000

CONSTRUCTION PERMIT ACTIVITY

860	KSFA	Nacogdoches, TX	ND to ND2
970	WCHN	Norwich, NY	ND to ND2
1030	KBUF	Holcomb, KS	1000/1000 DA-N to 2500/1200 DA-N
1130	KILJ	Mount Pleasant, IA	250 ND-D to 25000/22000 ND2
1130	WPYB	Benson, NC	1000 ND-D to 3500 ND-D
1160	KBIS	Highland Park, TX	1000/6 to 1000-D
1170	KOWZ	Waseca, MN	2500/60 ND to 2500/5 ND3
1180	WXLA	Dimondale, MI	1000 DA-D to 10000 DA-2
1240	WOBT	Rhineland, WI	ND to ND2
1340	KTMM	Grand Junction, CO	ND to ND2
1340	KWWX	Wenatchee, WA	ND to ND2
1390	KFFK	Rogers, AR	1000/49 ND to 5000/30 ND2
1390	WLUA	Belton, SC	1000 ND-D to 1000/17 ND2
1450	KVSI	Montpelier, ID	ND to ND2

FACILITY AND PARAMETER APPLICATIONS

730	WDOS	Oneonta, NY	1000 ND to 1000/8 ND2
740	WMIN	Hudson, WI	1100 DA-D to 2500 DA-D
780	WREM	Presque Isle, ME	5000 to 5000/60
800	KPDQ	Portland, OR	1000/500 ND to 1000/600 DA-N
810	WEUS	Orlovista, FL (new CP)	5000/400 DA-2 to 10000/400 DA2
840	KPMP	Modesto, CA (new CP)	4000/10000 DA-2 to 5000/5000 DA-2
860	KTRB	Modesto, CA	50000/10000 DA-2 to 50000/50000 DA-2
960	KOVO	Provo, UT	5000/1000 DA-N to 50000/940 DA3
990	KTIS	Minneapolis, MN	25000/300 DA-2 to 50000/500 DA-2
1010	KCPW	Tooele, UT	50000/178 to 50000/194
1010	WIOO	Carlisle, PA	1000 to 5000
1010	WOLB	Baltimore, MD	1000/26 ND to 1000/30 ND2
1150	KCKY	Apache Junction, AZ	5000/1000 to 5000/185
1230	KSIX	Corpus Christi, TX	ND to ND2

1230	WVNT	Parkersburg, WV	1000/1000 ND to 880/880 ND2
1270	WHGS	Hampton, SC	700/219 ND to 10000/219 ND2
1270	WMKT	Charlevoix, MI	5000/5000 DA-N to 27000/5000 DA-N
1330	WEBY	Milton, FL	5000 ND-D to 25000/79 DA-D
1400	KLCK	Goldendale, WA	ND to ND1
1440	KTNO	University Park, TX	15000/350 DA2 to 50000 DA-D
1550	WAZX	Smyrna, GA	50000/500 DA-2 to 50000/16 DA-D
1680	WTTM	Princeton, NJ	ND to ND2

FACILITY AND PARAMETER GRANTS

630	WMAL	Washington, DC	5000/5000 to 10000/5000
690	WOKV	Jacksonville, FL	50000/10000 to 50000/25000
750	WNDZ	Portage, IN	5000 to 15000
830	WACC	Hialeah, FL	1000/1000 to 5000/1000
930	WHLM	Bloomsburg, PA	1000/18 to 1000/100
980	KICA	Clovis, NM	1400/172 to 50000/172
1120	KANN	Roy, UT	10000/900 to 10000/1000 DA-2
1150	WGEA	Geneva, AL	1000/35 to 1400/35
1190	KMYL	Tolleson, AZ	5000/250 to 5000/400
1200	KFNW	West Fargo, ND	10000/700 to 50000/13000
1250	WNEM	Bridgeport, MI	1000/129 to 5000/1100
1260	WVVV	Christiansburg, VA	2800 to 5000/25
1270	WMKT	Charlevoix, MI	5000/5000 to 27000/5000
1300	WKCY	Harrisonburg, VA	5000/32 to 5700/22
1430	KMRB	San Gabriel, CA	5000/5000 to 50000/9800
1550	WAZX	Smyrna, GA	50000/5000 to 50000/16
1560	KILE	Bellaire, TX	800 ND-D to 50000/5000 DA-2

ADDITIONAL NOTES: **(CONTRIBUTOR IN PARANTHESES)**

PUBLIC LISTINGS:

900 KPYN Atlanta TX flips from religious to contemporary Christian "Amen 900."
 950 WYZK 96.7 Valdosta GA flips from classic rock "96 Rock" to R&B "Magic 95," simulcasting WGOV 950 Valdosta GA.
 990 WLEE Richmond VA/WHAP 1340 Hopewell VA flip from standards to southern gospel "Joy 990."
 1030 WBGS Point Pleasant WV flips from southern gospel to sports/talk as "The Informer."
 1150 KBIS Highland Park/Dallas-Fort Worth TX has completed its move to 1160 and returns to the air with R&B oldies as "Magic 1160."
 1200 KYAA Soquel/Salinas CA flips from oldies "Oldies 1200" to leased-time Indian "Radio Humsafar."
 1210 KAYO-FM 99.3 Elma/Seattle WA changes calls to KDDS-FM; it's now simulcasting KDDS 1210 Auburn WA.
 1210 KWVG Auburn/Seattle WA flips from regional Mexican "La Gran D" (now on KDDS-FM 99.3 Alma WA) to Spanish AC "Magia."
 1210 WMPS Bartlett/Memphis TN drops AAA "The Pig" (which continues as a webcast) in favor of standards.
 1260 KSUR Beverly Hills CA requests new calls KKGO, long used in the Los Angeles market on what's now sister station KMZT 105.1. 1260's "Unforgettable" standards format will be heard on an HD subchannel of KMZT as well as on 1260 and XESURF 540 Tijuana/San Diego (latest update 7/1/05-ye ed).
 1260 KSUR Beverly Hills CA/XESURF Tijuana BCN turn out to have been just stunting (we think) with "The Shuffle" and variety; they're flipping to standards, with new calls KKGO requested for 1260. (Those were the longtime calls of the sister FM station that's now KMZT 105.1 Los Angeles.)
 1260 KSUR Beverly Hills/Los Angeles CA and XESURF 540 Tijuana BCN/San Diego CA have dropped their most recent format, an oldies simulcast, in favor of "The 1260 & 540 Shuffle," playing a mix of music from the past fifty years. (KSUR also drops the All Comedy Network programming it had been carrying at night.)
 1310 WPBC Decatur GA goes silent; its Spanish programming has moved down the dial to WPBS 1040 Conyers GA.
 1330 KTOD Conway AR changes calls to KXXA.
 1360 WZPQ Jasper AL changes calls to WIXI.
 1370 KLBA Albia IA, KDDA 1560 Dumas AR and KPBA 1270 Pine Bluff AR, all silent, have been deleted by the FCC.
 1470 WTKO Ithaca NY drops oldies and flips to progressive talk as WNYY.
 1480 WSDS Salem Township/Ypsilanti MI flips from classic country to Spanish.
 1500 WWFN Macon GA changes calls to WAYS, while WAYS 105.5 Macon GA changes calls to WIFN and WMKS 92.3 Macon GA becomes WLZN.
 1580 WZZJ Pascagoula-Moss Point MS changes calls to WPMP.
 1590 WZRZ Jackson MS flips to black gospel "Glory 1590."

CONTRIBUTOR LISTINGS:

Gary Larson sends along the following:

Gary confirms earlier information in the column about KKGO-1260/XESURF-540 format and call letter changes, plus Gary mentions that XETRA-690 will be going Spanish soon, dropping their current adult standards and "The Lounge" format. (GL-CA)

Mike Hardester sends along the following:

This is not a new HAR, but concerns the HAR in/near Rochester, NY (WPYT547) located near the I-490 and Mt Reed Blvd Interchange. With road construction and resurfacing of I-490, this station will be active and may possibly result in mobile units being used. (MH-NC)

Pat Martin sends along the following from Bill Block of Prescott Valley, AZ:

There is a format change for Prescott. KNOT-1450 has changed their format from NOS/Talk to Country Music! And I must say they play the old Country Music. One ID is "Mile high country KNOT". I am not sure when they changed but it must have been in the last few days. (BB-AZ/PM-OR)

Pat Martin sends along the following from **Craig Healy** of Providence, RI:

WHJJ-920 in Providence has joined the IBOC clan. They have the system up and running, though it took a new transmitter to do it. Apparently their not-too-old solid state box from a reputable manufacturer wouldn't fit the NRSC mask while running IBOC. It also appears they are getting listener complaints about the hiss on the analog audio. Considering the number of fairly wideband receivers in use, I'm not surprised. It will be interesting to track their ratings from now on, though Air America has apparently cost them already. (CH-RI/PM-OR)

Pat Martin sends along the following:

Radio station KAYO changes broadcast format with sale Station abandons country music; moves to Spanish-language programming

BY JIM SZYMANSKI, THE OLYMPIAN

OLYMPIA -- On his last day on the air Tuesday, announcer Doug Dahlgren was shooting videos as KAYO Country switched to its new Spanish-language music format. Bustos Media of Sacramento, Calif., announced that it had paid South Sound Broadcasting of Elma \$20 million to acquire KAYO's 41,000-watt signal. Listeners can hear the station at 99.3 FM as far away as Bremerton, Centralia and Aberdeen. After 18 years, KAYO switched from playing country and western tunes to Latin selections Tuesday night. Dahlgren, 63, has worked at KAYO during the six years since the studio moved from Aberdeen to Olympia. Dahlgren, standing in the parking lot shooting tape of the station's office at 1803 State Ave. N.E., reflected on a 45-year broadcasting career. "I just got into it and couldn't get out," said Dahlgren, who said he has worked at stations in Iowa, Chicago, Miami and Indianapolis. "This was a wonderful job," he said, "but there are other places." Amador Bustos, who owns 22 radio stations, also airs the Spanish-language format on Seattle station KDDS-AM, at 1210 on the dial. "We made such an impact in Seattle that we decided to get a sister FM station," Bustos said. "With this purchase, we will grow and protect our market share and continue to execute our business plan to build a strong national platform of Spanish-language stations in key U.S. markets." The sale means that 18 KAYO employees will lose their jobs, said Bill Bradley, the station's former general manager. He will remain at KFMY 97.7 in Olympia, the classic hits station, which South Sound Broadcasting will continue to own. It will continue to broadcast from the State Avenue studio. "We said 'no' to them for several years," Bradley said of Bustos Media's efforts to buy KAYO. "He needed to get an FM station to pair with his AM station in Seattle." KAYO will broadcast from studios in Auburn, Bradley said. Western Washington was one of the few major radio markets in the country without a Spanish-language station to serve an expanding Hispanic population, he said. KAYO's former owners held off selling the station to protect their employees' jobs, Bradley said. "But it wasn't meant to be." South Sound Broadcasting will pay severance to the laid-off employees, he said. "We'll be taking care of them for several months." Dahlgren wasn't sure whether he'd look for another job or sell his sailboat and return to Chicago with his wife. He was leaning toward retirement. "Who's going to hire a guy who's 63 as a new announcer?" he said. Jim Szymanski is business editor of The Olympian. He can be reached at 360-357-0748 or jszymans@olympia.gannett.com. (PM-OR)

Pat Martin sends along the following:

Local FM station switches to Spanish

By BILL VIRGIN, SEATTLE POST-INTELLIGENCER REPORTER

Spanish-language FM music stations are a major presence in some metropolitan markets, as measured by Arbitron's rankings -- the first and fifth highest-rated stations in Dallas, the third and sixth in Houston, third in Phoenix, the fourth, fifth, seventh and 10th in Los Angeles, eighth in San Francisco, 10th in Chicago. Seattle-Tacoma, the nation's 14th largest radio market, hasn't had a Spanish language FM music station -- until this week. Bustos Media Corp. of Sacramento is acquiring KAYO-FM (99.3) from Puget Sound Broadcasting for \$20 million. The station already has been switched from country to Bustos' LaGrand regional Mexican music format, under an operating agreement with present owners, pending final approval from the Federal Communications Commission. Bustos Media already owns KDDS-AM (1210) in the Seattle market, as well as more than 20 stations in Portland, Yakima, the Tri-Cities, Salt Lake City, Boise, Modesto-Stockton and Sacramento. The plan is to convert KAYO's call letters to KDDS-FM. KDDS-AM eventually will get new call letters as well as a new format called *Magia*, which president and chief executive Amador Bustos describes as "adult contemporary, more older-skewing and female oriented" than the

LaGrand format. Bustos says he's a little surprised it has taken this long for Seattle to get an FM Spanish music station, "and that's good, because it gave me the opportunity to open this market." Not that Seattle is without Spanish-language music radio. Salem Communications operates KKMO-AM (1360), marketed as Radio Sol, and KTFH-AM (1680). Multicultural Radio operates KXPA-AM (1540). And since Bustos bought what used to be KNWX-AM and converted it to KDDS, a Colorado company bought two small AM stations, KBRO-AM (1490) in Bremerton and KNTB-AM (1480) in Lakewood, Pierce County, and converted them to Spanish-language religious programming. Bustos says religious programming is "its own very niche" that doesn't compete with his music formats. Radio Sol, he notes, is "a good station owned by a large broadcaster," which gives it staying power. But having an FM signal for music will make the comparison to AM "sort of night and day," he says. The transmitter is in Thurston County, but Bustos and current owners are working on ways to give KAYO's signal increased reach in the Seattle market. Even AM Spanish language radio has shown the ability to pick up listeners; KDDS-AM showed up in Arbitron's winter ratings book in a tie for 28th. Despite being on the edge of the Seattle market, KAYO showed ability to draw listeners with a country format; it ranked it converted to the Jack format. Bustos would like to add to his holdings in Seattle: "We are interesting in being about three deep in all our markets, not only Seattle, to maximize the synergies" of owning multiple stations in a single market. In other radio notes: the election on whether to decertify AFTRA as the union representing employees at KIRO-AM and KTTX-AM ended in a tie. The outcome now depends on a National Labor Relations Board ruling on three disputed ballots. Following the recent appearance of Air America's Al Franken in Seattle, nationally syndicated host Ed Schultz will do his show live from Town Hall noon-3 p.m. Monday. Tickets are available through www.brownpapertickets.com. Locally, Schultz's show is carried weekdays on KPTK-AM (1090). "Conversations With Father Bob," the program on Catholic faith and religious topics hosted by Father Bob Camuso of the Archdiocese of Seattle, has been picked up by five stations in Louisiana and Texas. Locally it's heard at 8 a.m. Saturday on KKNW-AM (1150) and 11 a.m. Wednesday on KBLE-AM (1050). David Brewster, who is retiring as executive director of Town Hall, is the guest on "Power of Voice" at 9 p.m. today on KUOW-FM (94.9). Lizz Sommars' guests on "Conversations" at 6 a.m. Sunday on KISW-FM (99.9) and KBSG-FM (97.3) include Pat Choate, author of a book on global intellectual property theft, "Hot Property." Don Riggs' guests on "Introspect Northwest" at 7 a.m. Sunday include Mary Daheim, author of "Alpine Quilt." Lee Callahan interviews Betsy Leondar-Wright, author of "Class Matters: Cross Class Alliance Building for Middle-Class Activists," on "Mountain Magazine" at 7:30 a.m. Sunday on KMTT-FM (103.7). The Sunday edition of Jim French's "Imagination Theatre," heard at 9 p.m. Saturday and Sunday on KIXI-AM (880), includes a new episode of Raffles the Gentleman Thief.

P-I reporter Bill Virgin can be reached at 206-448-8319 or billvirgin@seattlepi.com. (PM-OR)

Tim Noonan sends along the usual monthly list of FCC call letter changes. Thanks, Tim! (TN-WI)
(continued next issue – pb)

Contributors:

Bill Block, Prescott Valley, AZ (BB-AZ)

Mike Brooker, Toronto, ON (MB-ON)

Martin Foltz, Mission Viejo, CA (MF-CA)

Dave Gordon, San Jose, CA (DG-CA)

Mike Hardester (on the road in NY (?) – (MH-NC)

Craig Healy, Providence, RI (CH-RI)

Pat Martin, Seaside, OR (PM-OR)

Deane McIntyre, Calgary, AB (DM-AB)

Tim Noonan, Madison, WI (TN-WI)

Robert Wien, Fontana, CA (RW-CA) (Ye editor)

Well, relaxing this 4th of July weekend, did pretty good at a local casino! Mike Sanburn and I got back from a Vegas trip recently, took some xmtr photos out in north Las Vegas. Less than 2 months now till the IRCA convention, get your reservations in! 73's.

WESTERN DX ROUNDUP

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

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: July 15, July 29, Aug. 26. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

(RA) **René E. Auvray**-Henderson, NV

2005 Mercury Grand Marquis car radio

(RA-CA1) DX'ing in Ontario, CA

(RA-CA2) DX'ing in Yermo, CA

(GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 skinner@columbia-center.org
Hammarlund SP-600, Drake R8B, R390A, various wires, amplified Sanserino air core loop, Radio Shack loop

- (JcJ&NJ) **John & Nancy Johnson**-DX'ing on the road in WA and OR
2005 Ford Mustang car radio
- (PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net
Drake R8, 1500' term. Beverage
- (CM) **Curtis McMenamin**-153 Calle Tepic-Vacaville, CA 95687 funkiecurtis@juno.com
Sony ICF-2010, Kiwa loop
- (MS) **Mike Sanburn**-P.O. Box 1256-Bellflower, CA 90707-1256 mikesanburn@hotmail.com
(MS-NV) on I-15 heading to Las Vegas, NV using Chevy car radio

- *****
- 620 KPOJ OR, Portland 6/13 0235 in fair with "Portland Progressive Talk." (CM-CA)
- 630 KFXD ID, Nampa 6/18 2300 classic country tune "Lonely Women Make Good Lovers," top of hour ID dominant. (MS-NV)
- 860 KTRB CA, Modesto 6/18 2306 coming out of CNN news, ID "50,000 watt KTRB, Modesto." (MS-NV)
- 930 KSEI ID, Pocatello 6/13 0310 fair with news about Idaho. (CM-CA)
- 1010 CBR AB, Calgary 6/13 0505 in good with CBC Overnight program. (CM-CA)
- 1040 WHO IA, Des Moines 6/13 0405 good with "Newsradio 1040 WHO." (CM-CA)
- 1060 CKMX AB, Calgary 6/13 0320 fair with CKMX ID. (CM-CA)
- 1080 KSCO CA, Santa Rosa 6/7 0800-0805 began with Fox News with ads, into local news with call ID. Extremely weak, farthest south KSCO recorded. (RA-CA2)
- 1180 KOFI MT, Kalispell 6/13 0500 in good with "KOFI Kalispell" ID. (CM-CA)
- 1200 KYAA CA, Soquel now Hindi/Punjab programming. Still KYAA, but ID's as something like "Radio Humpensire(?)." Noted at 0200 6/16, ex-oldies. Sounds much like 1550 or 1600 Bellingham-Ferndale, WA. (PM-OR)
- 1230 KOZI WA, Chelan 6/1 0010 weak ID in a big jumble with sportstalker, etc. Not much intelligible, using Drake with RS loop. (GH-OR)
- 1240 KQEN CA, Roseburg 5/26 0100 sports talk & ID in a jumble with KEJO(?). Poor and weak using Drake and RS loop. (GH-OR)
- 1270 KBZZ NV, Sparks 6/13 0400 good with "KBZZ Sparks-Reno" ID. (CM-CA)
- 1290 KKDD CA, San Bernardino 6/13 0530 fair with Radio Disney slogan. (CM-CA)
- 1340 KLOO OR, Corvallis 6/4 0030 "Clue" ID barely above KBBR and the rest of the jumble for a few seconds. Only 80 miles away, but seldom heard. (GH-OR)
- 1400 KLCK WA, Goldendale 6/7 0030 AdCon type oldies sputtering in the static with really poor signal. Heard last month for first time. (GH-OR)
+6/16 1337 "1400 KLCK" into oldies. Heard while we were on I-84 near Hood River, OR. (JcJ&NJ-OR)
- 1450 KBKW WA, Aberdeen 6/13 noted with newstalk format, still using KBKW calls, at 1630 into AP Network news. (JcJ&NJ-WA)
- 1460 KABL CA, Salinas 6/14 0350 in good with KABL ID. (CM-CA)
- 1490 KYNR WA, Toppenish 6/7 0000 Native American chanting and jibberish in the mix with unIDs. Gave ID in English, using R-390A on E-W wire. New. (GH-OR)
- 1590 KRSX CA, Victorville 6/18 2000 just after visiting their transmitter, which RW-CA and I photographed, with nice top of hour ID in Spanish "KRSX 1590 AM, Victorville." ID mentioned 1320 Hemet with dual ID. Slogan was "Que Buena." (MS-NV)
"Gateway to Mojave Desert" and talk about the Desert Wildlife Preserve. (MS-NV)
- 1610 KPUL479 WA, Maryhill 6/16 1411 loop tape with announcement about the Adopt a Highway liter pick-up program, mentioned call and the fact it was a Washington State Dept. of Transportation HAR. Heard while we were traveling near Rufus, OR. (JcJ&NJ-WA)
- 1620 KSMH CA, Auburn 5/21 0000 instrumental music with ID into religious sermon. In strong with slight unID ESPN under. No KYIZ which usually dominates. R390A on E-W wire. (GH-OR)
- 1660 KXOL UT, Brigham City 6/3 0030 oldies with ID, fair to poor mostly above Spanish pest using R-390A on E-W wire. (GH-OR)

- UNIDS**
- 630 UNID 6/7 0645 heard "ESPN 630" announcement. No KFI-640 carryover. Extremely weak. Where is ESPN 630 transmitting from? (RA-CA1)
- 1000 UNID 6/7 0805-0808 heard a song by KC and the Sunshine Band, announcement in Spanish followed by another 70's disco era dance track. From where in Mexico is this transmitting? (RA-CA2)
- 1600 UNID 6/7 0650 heard what may have been a sports station and a Spanish station under KAHY Pomona. All fading into QRM. Where from? (RA-CA1)

Thanks to our reporters this time. Nancy 7/2 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.

[JcJ+NJ-MT] Your editor and wife Nancy on I-90 north of the Wyoming border using the 2005 Mustang GT car radio.

DOWN THE DIAL

610 KCSR NE, Chadron. Good signal from this NE station while driving on I-90 north of the WY border. 13:00 legal ID. [JcJ+NJ-MT]

SPECIAL INTEREST

1430 WIL MO, St. Louis. 7-3 good signal. 02:45 noted with Classic Country format. "Country Legends 14-30" slogan. Local spots and legal ID at 02:55. EX-WRTH. A three-letter call returns to St. Louis AM! [EB-MO]

25 YEARS AGO

July 12, 1980 issue of IRCA's "DX Monitor" ... **Bill Townshend** of Washington, DC told about the WADXA get together at **Tom White's** house in Arlington, VA. Twenty people attended, including **Greg Monti**, **Bob Lazer**, **Rich Kimmel**, and **Jim Albrecht** ... **Gary Siegel** of Toledo, OH told about the YAD gathering which included **Paul Mount**, **Darlene Glick**, **Frank Merrill**, **George Greene**, **Randy Clark**, and **Ernie Cooper**.

OPEN MIKE

Speaking of get-togethers, long time DXer and IRCA Charter Member **Murray Carl Mann** was in Billings on June 7th. IRCA history buffs will remember Carl conducted the very first IRCA DX Test while he was at KATI 1400 in Casper, WY. Carl was here in Billings at KOOK 970 from 1964 to 1969 before going to KOMA 1520 Oklahoma City. Lots of memories for Carl while visiting KTVQ and seeing what remains of what he remembered from the building. Nancy and I enjoyed visiting with Carl and sharing memories, DX conditions, etc. This column was typed 7-2-05. 73, John

EASTERN DX ROUNDUP

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

E-mail: lfreshwater@cox.net

Deadlines: 0800 7/16, 7/30

		STARS OF THE WEEK	
(IEN-GA)	Ira Elbert New	Watkinsville, GA Drake R8B, 135' N/S LW, Sangean ATS 909, Panasonic Portable, Select Antenna	
(WJH-MD)	Bill Harms	6009 Bauman Dr Elkridge, MD 21075-5501 wharms@comcast.net Drake R-8b, Homebrew K9AY	

		LOGGINGS	
540	SC WYNN	Florence 06/14 2130 Gospel music and an ad mentioning Darlington, SC. Dominant signal on top of WDAK in Columbus, GA and WFLF in Pine Hills, FL, but subject to fading from time-to-time. "Glory 98.5 and 540 AM".	(IEN-GA)
	PA WWCS	Canonsburg 06/14 2200 Radio Disney TOH ID into Radio Disney fare. Good signal for the brief second or two it appeared. "WWCS Canonsburg, Pittsburgh".	(IEN-GA)
550	FL WAYR	Orange Park 06/27 0027 Gospel Music. Decent, steady signal underneath WDUN up the road in Gainesville, GA. "AM 550, Jacksonville's..." & "The WAY".	(IEN-GA)
580	NC WSKS	West Jefferson - 06/30 2027 Country music. Very good signal 10 over S9) marred by lightning crashes. "580, WSKS".	(IEN-GA)
690	FL WOKV	Jacksonville 06/15 0648 News, weather and traffic for Jacksonville and an ad for the Sean Hannity Show. Good signal. "Newstalk 690. WOKV".	(IEN-GA)

730 FL WWTK Lake Placid 06/04 2300 TOH ID into CBS Newscast. Good signal in and out with WLIL in Lenoir City, Tennessee. "WWTK, Lake Placid, Florida. "WLIL, AM 730". (IEN-GA)

TN WLIL Lenoir City 06/04 2259 Classic country. Good signal in and out with WWTK in Lake Placid, Florida. "WLIL, AM 730". (IEN-GA)

750 PA WQOR Olyphant 5/23 1959 Finally heard, was on my top ten most wanted list. EWTN programming, 'station of the Cross' ID, a spot for an program, and TOH ID at "The (sound) of Truth here at Catholic Radio, 7-50 AM WQOR Olyphant-Scranton. The Station of the Cross." Into an EWTN Program. Local WBMD off the air. (WJH-MD)

760 NC WCIS Morganton 06/30 2001 Southern gospel. Very good signal (10 over S9) marred by lightning crashes. "...the best in Southern Gospel, 760 AM, WCIS Morganton". (IEN-GA)

920 NJ WPHY Trenton 5/17 1931 ID as "ESPN-920 for Philadelphia" into ESPN Sports Center. This station rarely uses its call letters. (WJH-MD)

950 SC WORD Spartanburg 06/29 1030 WORD Newscast. Decent, steady signal all but buried under WRFC on 960 up the road in Athens, GA, "Good morning. WORD newstime is 10:30". (IEN-GA)

980 VA WFHG Bristol 06/13 2300 TOH ID into ABC News. Signal buried in the mix for the most part. "SuperTalk WFHG, Bristol". (IEN-GA)

1030 GA WEBS Calhoun 06/15 1415 Oldies. Decent, steady signal in the afternoon static. "WEBS, Calhoun" & "Oldies 1030". (IEN-GA)

1100 GA WCGA Woodbine 06/15 0635 Daybreak USA Program. Sign-on message mentioning the station serving coastal Georgia, 10,000 watts of power, owned by Cox Broadcast Group, Inc., and IBOC and HD Radio. The Star Spangled Banner was also played. Good signal with a slight chop to it. "Newstalk 1100, WCGA, Woodbine". (IEN-GA)

1110 AL WBCA Bay Minette 06/22 0007 Sporting News Radio. Ads mentioning nearby Mobile. Good signal trading places with WBT in Charlotte, NC from time-to-time. "WBCA". (IEN-GA)

1230 GA WBLJ Dalton 06/03 2349 Bill O'Reilly Show buried in the mix, "Your place for News and Talk, 1230 WBLJ". (IEN-GA)

GA WNRR Augusta 06/14 1800 Sports news, commercials and TOH ID, Semi dominant signal in a mix of others. "SportsRadio AM 1230, WNRR, Augusta". (IEN-GA)

VA WJOI Norfolk 5/31 2048 Dean Martin song, Going Back to Houston, ID at 2045 as "WJOI". (WJH-MD)

1240 KY WPKE Pikesville 5/15 0108 ID as "WPKE Oldies Radio Network. Reception was a little rough, but the ID made it through okay. (WJH-MD)

1260 VA WCHV Charlottesville 5/19 2229 ID as "Charlottesville's News Talk and information station, 12-60 WCHV." # 1400 heard here! (WJH-MD)

1270 FL WNLS Tallahassee 06/25 0000 ABC News. Decent signal in a choppy mix. "NewsRadio 1270, WFLA" & "Tallahassee's choice for News, Sports and Talk". (IEN-GA)

1340 MA WNBH New Bedford 5/19 0258 Topping the channel for several minutes TOH ID as "You are listening to America's best music (on) 13-40, WNBH" into Net News. (WJH-MD)

TN WBAC Cleveland 5/21 0200 TOH ID as "WBAC (Cleve)land AM 13-40. Followed by network news. (WJH-MD)

VA WHAP Hopewell 5/19 2300 TOH ID as "WHAP Hopewell". Also earlier hrd ID, at 2200 as "WLEE, Richmond" with no ment. of WHAP. (WJH-MD)

WV WXKX Clarksburg 5/15 2200 Clear TOH ID into ESPN. Topped the channel for several minutes. (WJH-MD)

1420 WV WTCR Kenova 5/17 2201 ID as "Joy Radio, WTCR Kenova-Huntington and WZZW Milton" in between musical selections. Seem to be soft rock Christian music." (WJH-MD)

1460 MI WBRN Big Rapids 5/22 0018 Surprisingly strong. Michigan sports including the U of M women's softball opener. ID as "AM 14-60 WBRN Big Rapids" and an ad for "Kids" with an 1-800 number. (WJH-MD)

NY WDDY Albany 5/22 0001 TOH ID as "Radio Disney..WDDY Albany." Heard Disney related programming before and after ID. (WJH-MD)

PA WTKT Harrisburg 5/22 0600 Finally got an ID out of this one. TOH ID as "WTKT Clear Channel Harrisburg, The Ticket." (WJH-MD)

1470 TN WVOL Berry Hill 06/05 0015 Classic Soul and R & B. Good signal at times m/ with Art Bell. "We are Classic Soul and R & B, WVOL". (IEN-GA)

1480 NC WPFJ Franklin 5/21 2231 Disability Minute, then ID as "That... Disability Minute from 14-80 The Dove. This is 14-80 AM Stereo WPFJ Franklin North Carolina. Over the mess. (WJH-MD)

1490 ME WTVL Waterville 5/26 2359:45 TOH ID as "Oldies 14-90 WTVL (Waterville). Popped in over the mess. (WJH-MD)

PA WNBT Wellsboro 5/26 2300 TOH ID as "Original hits AM 14-90 WNBT Wellsboro--(Lansdale)." Popped through the mess. (WJH-MD)

WV WTCS Fairmount 5/28 2305 Weather forecast. ID. (WJH-MD)

1500 GA WWFN Macon 5/16 2251 ID as "WWFN... Oldies 1500." This was followed by a jingle ID, into a song. Clearly audible with WTOP down about 90 %. Fifth station heard on 1500 here with WTOP on. (WJH-MD)

1520 GA WKVQ Eatonton 06/16 0957 Oldies and ads for shops in Eatonton. Decent, steady signal on top of the morning static. Your Star Station, WKVQ, Eatonton". (IEN-GA)

1550 AL WLOR Huntsville 06/21 2324 Soul and R & B. Ads for shops in Huntsville and nearby towns. Dominant signal in a choppy mix of others. "Jammin' 1550!" (IEN-GA)

1570 PA WQTW Latrobe 5/18 2105 In the mess, ID as "WLSW... WQTW Latrobe... The Power (Stop or Station). Really rough reception through WNST and the mess. (WJH-MD)

1600 PA WHJB Bedford 5/29 0828 Call change. Local ads and ID. AccuraWeather Through the channel mess. (WJH-MD)

 That's a wrap for the week. Congratulations to Bill on # 1400.... 07-02 1100
 Thanks to Bill and Ira this week.

DX WORLDWIDE – WEST / TROPICAL BAND DX
Patrick Martin – P.O. Box 843 – Seaside OR 97138
 E-mail: mwdxer@webtv.net all times UTC

DXpedition to Grayland and Cape Disappointment
 June 10-16, 2005, John H. Bryant

Receivers: Winradio 303EP, Ten Tec HF-320, Motion 1400 Tablet Computer

<p>Locations and Antennas: June 10-11 Grayland Beach State Park 17'x65' Porta-KAZ</p>	<p>June 12 Grayland Motel Various Beverages</p>	<p>June 13-16 Cape Disappointment State Park 17'x32' Porta-Flag</p>
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Porta-KAZ A-Frame Mast

June is a wonderful month in America's Pacific Northwest. Until late in the month, local public schools are still in session and tourist season has yet to begin, the Northwest's famous rain has usually ceased for the summer months and the state parks and beaches of Washington and Oregon are both glorious and gloriously empty. My wife and I decided to take advantage of this happy circumstance and make a test run of our brand new mini-teardrop camping trailer and my new portable DXing rig. Now that our self-built second home is about complete out here, we have planned for over a year to begin traveling extensively throughout this beautiful area, largely camping at the wonderful state parks. Of course, I'll campaign for all of our trips to be to coastal sites!

Knowing that my room for DX equipment would be severely limited by our small trailer and car, I've spent the last year developing two portable single-turn loop antennas using 32-gage Teflon coated wire and flown from two masts created from inexpensive 20' telescoping fishing rods in PVC pipe holders. My favorite of the two is a 17'x 65' "Porta-KAZ" squashed delta loop, with the two fishing masts configured as an A frame and the KAZ antenna itself guying the A-frame from the front and back. Although the two antennas enclose the same area within the loop, early side-by-side tests in Oklahoma had shown the Porta-KAZ responded a bit better to low angle DX than did its cousin, the 17'x 32' Porta-Flag. As things turned out on this trip, I was able to fly the 17' x 65'

Porta-KAZ at the extra-large campsite at Grayland Beach State Park, but the older, smaller campsites at Cape Disappointment restricted me to the 32'-long Porta-Flag. This eight-day shakedown cruise pretty well proved the value of these two antennas. I found that I could fly either one in about 20 leisurely minutes, by myself, and take either down and pack it away in even less time. In the Oklahoma tests, both antennas stood wind gusts in excess of 60 mph. The two antennas and all stakes, transformers, hardware, etc, pack in a single soft-sided briefcase. The two masts, in their holders, collapse to about 4' long by 2.5" and are carried on the roof rack of our small Toyota Matrix. In quiet coastal conditions during this trip, both antennas benefited significantly from the 15 or 20 dB boost supplied by a good low-noise RF preamplifier. I was able to test the *un-amplified* Porta-KAZ against our justly famous 550-foot West Beverage at the Grayland Motel on June 12. The Beverage was clearly superior, but the un-amplified Porta-KAZ was still "surprisingly good" on both MW and the Tropical SWBC bands. Due to an equipment failure, I wasn't able to A/B test the Porta-KAZ while using an RF pre-amp. I'll be doing that in late July and expect that the performance of the Porta-KAZ will approach, but not equal the Beverage in a beach environment.



My receiver combination was also new for this shakedown cruise. Again, with an eye to minimizing physical dimensions, this Spring I've been working on briefcase-mounting my old #2 DXpedition receiver, a computer-controlled "black box" Ten Tec 320 along with a new WinRadio 303EP. The 303EP is WinRadio's second-line receiver in a relatively new external, USB-connected package, with the "Professional" Demodulation software aboard. Inside the large, hard-sided briefcase, I was also able to mount a single two-port antenna splitter, a 12 VDC fuse panel, a variable-voltage regulator for one of the circuits, an outboard DSP audio filter and a 20 dB RF pre-amp. None of these 12-volt devices generate much appreciable heat, but as a precaution, I only use the rig with the lid of the briefcase wide-open. The two receivers are controlled by a Motion Computing M 1400 tablet computer running Microsoft's Windows XP for Tablets software. Happily this middle-of-the-road portable computer had enough horsepower to run both receivers simultaneously, while also having Bruce Portzer's incomparable PAL log open and taking hand-written notes on the tablet screen. The whole receiver lash-up worked pretty much as expected, though I lost the pre-amp to some sort of e-gremlin just before leaving home.

I hope to write a review of the WinRadio 303EP in the fairly near future. However, in the interim, I have to say that I cannot recommend the 303EP for DXing on MW or the more-crowded portions of shortwave. It's an amazing, though some-what quirky, receiver and is probably more than adequate for many uses. However, MW DXing, especially when trying to hear AND UNDERSTAND quite weak broadcast signals on 9 kHz. splits while in a 10 kHz. environment (or vice-versa), demands a receiver with excellent dynamic range; the WinRadio 303 has very pedestrian dynamic range figures. The conditions encountered in international medium wave DXing also put a premium on having an effective Notch Filter. Unfortunately, the 303 has none. I must say two other things, though:

1. The WinRadio 303EP came closer to meeting my needs for a portable high-performance radio, with minimum possible size, than any other receiver currently on the market and the lack of a Notch Filter can be partially compensated by using a DSP audio filter. It actually performed fairly well.
2. I eagerly await the introduction (rumored Summer 2005) of WinRadio's 313EP. The more expensive 313 receiver has been available as an internal model for some months and has proven to have much better dynamic range than the 303's. It also sports a very good Notch Filter that can be maneuvered graphically on the 313's active spectrum scope by using a mouse. I can hardly wait!



Finally, a word about the most uncontrollable element of any DXpedition: propagation conditions. Mid-June usually marks the beginning of our Northwest "Down-Under Season." When conditions are reasonably good, June DXpeditions in the past have yielded numerous Island, Kiwi and Aussie stations throughout our mutual darkness periods, with maximum dawn enhancement affording us a dial quite full of DUs, often focusing on Queensland for the last half-hour or so before band fade. Unfortunately, this 8-day DXpedition coincided with distinctly poor conditions for Trans-Pacific MW propagation. Although each night the reception was focused on a somewhat different Trans-Pacific area, almost all signals were similar to those heard at the last solar maximum.... mostly threshold levels, with a few stations randomly rising to intelligibility for five minutes or so before sinking back into the muck. Signal identities "confirmed" by hearing parallel broadcasts simultaneously or hearing clear IDs of stations or even networks were lamentably rare. Indeed, conditions were so poor that I confined my listening most nights to the hour of maximum dawn enhancement.

All that taken into consideration, almost every morning provided at least one memorable logging. My two favorites were 675, 3YA in Christchurch, New Zealand, heard for the first time since my initial logging in 1990 and hearing 567, 4JK in fabled Julia Creek, Queensland for the very first time. All in all, I'd class this DXpedition as a success despite the modest loggings which follow; a success mostly as preparation for a blitz of DX/camping when the tourists once again disappear from the Northwest in the early Fall.

Guy Atkins

One thing you can count on with DXpeditions: there's always something memorable about each one! Although trans-Pacific mediumwave was an almost total bust, there seemed to be a propagational magnifying glass on Papua New Guinea this weekend on shortwave. This was very fortunate, as June 11 was the special inaugural broadcast and celebration of the new Wantok Radio Light station in Port Moresby.

Walt Salmaniw and I occupied the usual "DX Central" motel room at Grayland; we had guest appearances by John Bryant, staying at nearby Grayland Beach State Park with his wife on the first segment of a 10-day camping/mini DXpedition trip. The first night, Walt and I kept in touch with John via GMRS radio transceivers. On the second night of DXing we had the chance to try out John's new "Porta-KAZ" antenna alongside the Beverages. Although designed for mediumwave, the KAZ was a surprisingly good performer on shortwave, too. It is also a quiet antenna and fits within a small "footprint," suitable for most campsites.

The highlight of the trip for Walt and I was without a doubt the very impressive reception of 1 Kw Wantok Radio Light, 7120 kHz. At home, both Walt and I have had reception just above threshold levels. On the DXpedition we were treated to hours on end of impressive signal levels, which made for very enjoyable listening and recording for posterity. Watch for a couple of audio clips on DXplorer Sight & Sound.

Guy Atkins - Puyallup, WA USA

DXing from Grayland, WA, RX:mod. ICOM IC-756Pro & mod. ICOM R-75, ETC: Kiwa MAP / ERGO SW, W, and NW Beverage antennas, 500-800 ft.

Walt Salmaniw

This weekend, John Bryant, Guy Atkins, and myself once again convened in the Grayland, WA area for a mini-dxpedition. Conventional wisdom states that with the longest day approaching, DXing takes a back burner to normal summer pastimes. Needless to say, this notion has been dismissed soundly in past years, when dxing has been excellent, especially to stations Down-under. John preceded Guy and me by a day, and DXed for a couple of nights at the Grayland State Park, experimenting with his portable Kaz antenna, being unable to erect a Beverage, at least on the second night. We were able to communicate via GMRS radios the night Guy and I arrived. Unfortunately (for the MW dxer), reception was lackluster at best the first night, and a bit more interesting the second night. SW to PNG, however was superb, with the best reception in a long while. The highlight for both Guy and myself was monitoring Wantok Radio Light's official inauguration on 7120 with near armchair levels at times... so much for the NVIS antenna system and 1 kw not getting out! It sure did! Vanuatu on 90 meters was another interesting logging. For the few PNGs not heard the first night, they appeared the following night. Tantalizing was a signal on both mornings on 2410. Could this be Radio Enga again? Unfortunately, unlike in past years, no audio was audible. ARDS 5050 (actually more like 5049.98) was audible only as a reasonable het both mornings. John's Kaz performed rather well compared to the Beverages, providing another alternative for the space challenged DXer, and does not depend on ground conductivity, unlike the EWE and Pennant/Flag antennae. Guy noted that this outing was a first of sorts, with the 3 of us all having spectrum display abilities... John with his WinRadio 3030e, Guy with his Icom 756Pro, and me with my 756 ProII! We mused how the hobby has changed from a simple receiver, cassette deck, and headphones, with a myriad of paper resources. Today, we are all equipped with lap tops (in my case running both the Icom, and the 7030+ with ERGO4 computer control software, and ILG databases, as well as GeoClock, and Bruce Portzer's excellent Pacific AM List, the B-Log logging program, and 2 copies of Recall-Pro fed by each of the receivers via independent sound cards! Utterly amazing, isn't it? We had the choice between 3 Beverages aimed SW, W, and NW to Asia and the Pacific. I now have some 10 or 12 hours of MP3 recordings to listen to. No more cassette tapes, or Minidiscs! When everything works, it's simply marvellous!!! Now on to the loggings. Enjoy! Walt Salmaniw, now safely home in Victoria, B.C.

- 180 **RUSSIA** Radio Rossii, Yelizovo, FE, Jun 12 1155 - Heard here with RR talk at good level before TOH fade. Spotted first by Walt. (Bryant-WA)
- 279 **RUSSIA** Yuzhno-Sakhalinsk, FE, Jun 12 1205 - Presume local/regional programming on this channel, not // to R. Rossii on 180 kHz. Running Russian orchestral classics at good level. (Bryant-WA)
- 558 **FIJI** Fiji B.C., Suva (pres.), Jun 13 1229 - Probably this main FBC outlet running Polynesian ballads, uninterrupted. Fair level at max dawn. (Bryant-WA)
- 567 **AUSTRALIA** 4JK, Julia Creek (pres.), Jun 15 1231 - Heard this with a music show hosted by male announcer near max dawn. Assumed it was the usual 2YA, Wellington. Was surprised when the host mentioned Radio Australia several times. Presume that this was 4JK, as the other R.A. possibilities are HIGHLY unlikely. Will send recording and tentative report. (Bryant-WA)
- 567 **NEW ZEALAND** 2YA, R. National, Wellington (pres.), Jun 10 1210 - First noted at 1210, building to peak at 1230 max. dawn with pops/oldies show, including the Beach Boys'You

- 612 **AUSTRALIA** 4QR, ABC MS, Brisbane (pres.), Jun 10 1215 - Noted in passing as the only Aussie in audio on the 10th, with talk by Aussie-accented woman. Also noted at max. dawn on June 11. Heard well from Cape Disappointment on June 13 and 16. Indeed, 4QR was the most consistent TP signal throughout the eight-day DXpedition. (Bryant-WA)
- 639 **FIJI**, 1159-, Radio Fiji 1 Jun 12 Great reception at our local dawn with Fijian talk ?ID at 12:00, and into some very pleasant south islands music. Parallel to 684. Thanks to Guy Atkins for clearing this one up! Good levels at times. (Salmaniw, Grayland, WA) + 1203-1215, Jun 12 Church service broadcast at tune-in, then South Pacific islands music. Fair to good level, and parallel to 684 Labasa. (Atkins-WA) + Jun 12 1205 - This heard with what seemed to be church services (late Sunday evening) in Polynesian language. Parallel to programming on 684, the FBC Labasa outlet. Both channels good at times. (Bryant-WA)
- 648 **AUSTRALIA** 2NU, ABC RR, Tamworth (tent.), Jun 13 1210 - Quiet ballads in EE noted here at poor level. Almost certainly this one. Not heard before by me. (Bryant-WA)
- 675 **NEW ZEALAND** 3YA, National Radio, Christchurch, Jun 14 1228 - Program of quiet ballads and jazz vocals with proper time checks for New Zealand by an excellent male announcer. Good level. I think that this is only the second time that I have heard this far South Island station since my initial logging in 1990. Heard also on June 15. (Bryant-WA)
- 684 **FIJI** Fiji B.C., Labasa, Jun 12 1207 - Noted here // 639 with probable church services in Fijian. Heard also on June 13 and 15 from Cape Disappointment in this time slot with the usual quite Polynesian ballads, uninterrupted. (Bryant-WA) + 1208-1215, Jun 12 South Pacific style of vocals and slack key guitar accompaniment; good signal level prior to fades, and parallel to 639 Drasa and possibly 1152 Rakiraki. (Atkins-WA)
- 702 **AUSTRALIA** 2BL ABC MS, Sydney, Jun 12 1045 - Noted here at poor level with Aussie talk by two men. Heard also at max dawn on June 13 and 15 from Cape Disappointment. (Bryant-WA)
- 738 **AUSTRALIA** 2NR ABC RR, Grafton (pres.), Jun 12 1130 - Presume this as the Aussie station heard here at fair level in place of Radio Tahiti. Heard also from Cape Disappointment on June 15. (Bryant-WA)
- 738 **TAHITI**, 1005-, RFO Tahiti Jun 12 Presumed. Woman with French talk; weak signal. One of the few TP stations with any audio at all on the band right now, during poor conditions. (Atkins-WA) + Jun 16 1212 - Pops show noted here at fair level. Hosted by male in FF. Noted also on June 12 from Grayland Motel, late in dawn enhancement at at band fade on June 16 from Cape Disappointment. (Bryant-WA)
- 774 **AUSTRALIA** 3LO, ABC MS, Melbourne (pres.), Jun 13 1154 - Threshold Aussie talk was all that was audible, but almost certainly this usually dominant Aussie. Heard at excellent level on June 15 from Cape Disappointment also. (Bryant-WA)
- 774 **JAPAN** JOIB, NHK2, Sapporo, Jun 11 1109 - Noted here in passing at fair level with JJ talk by two men, building to excellent level by 1118. (Bryant-WA)
- 783 **NEW ZEALAND**, 1222-, 2YB Access Radio, Wellington Jun 12 Nice local ID heard for '783 Access Radio'. (Salmaniw, Grayland, WA) + (pres.), Jun 16 2326 - Presume this in apparent schedule change as program was clearly two men talking in Samoan. Good level at peaks. (Bryant-WA)
- 792 **AUSTRALIA**, 1239-, 4RN Brisbane Jun 11 Brief peaks of Aussie English to fair level, then down in the mud again. Finally caught a parallel of 738 2NR Grafton just before 1300; Radio National trumpet fanfare at top of hour, and into news. (Atkins-WA)
- 828 **AUSTRALIA** 3GI ABC RR, Sale, Jun 11 1216 - Heard here with football coverage ('zero-zero at halftime.') Good level approaching max. dawn. Heard also at Cape Disappointment, June 16. (Bryant-WA)
- 873 **AUSTRALIA** 2GB, Sydney, Jun 11 1218 - Noted in passing with their usual talk/phone-in program. Fair level. (Bryant-WA)
- 891 **AUSTRALIA** 5AN Adelaide, Jun 11 1223 - Noted in passing with fair level. Aussie talk. This ABC station was rarely heard here in Washington in the 90s. Has been almost a pest for the past four or five years???. Heard also on June 15 and 16 at Cape Disappointment. (Bryant-WA)
- 1008 **NEW ZEALAND** 1ZD, Radio Tauranga (pres.), Jun 10 1123 - Presume this one here poorly with news/talk format in DU English. Propagation favored NZ strongly on June 10. (Bryant-WA)
- 1098 **NEW ZEALAND** 3ZB Christchurch (tent.), Jun 12 1220 - Tentative this with talk in EE at poor level during max dawn. (Bryant-WA)
- 1107 **UNIDENTIFIED**, 1222-1227, Jun 12 Scraps of English with two male announcers, possibly Aussie accented. Very low level. (Atkins-WA)
- 1116 **AUSTRALIA**, 10:40-, 4BC Brisbane Jun 11 Pretty dismal MW conditions thus far, with only this frequency and 846 audible on the medium waves. This was made up with the more than

- interesting tropical band conditions, and Wantok Radio Light's official sign-on. (Salmaniw, Grayland, WA)
+ Jun 11 1155 - Aussies appeared suddenly at the beginning of dawn enhancement on this morning. 4BC, an 'old reliable' first noted at fair level, building to good by 1230. Also heard June 12 from Grayland Motel. (Bryant-WA)
+ 1236-, Jun 12 'Talk 1116, Brisbane's 4BC'. Great reception at 12:51. Seems to be continually coming in with good to at times excellent signals! Frequent IDs and local ads. One of the most reliable Aussie stations in Grayland. (Salmaniw, Grayland, WA)
+ 1250-, Jun 12 Beautiful signal with local ads for an on-line casino, grocery store, and Ford Courier SUV at Brian Berg Ford ('A hard-working man needs a hard-working ute, at a drive-away price of \$18,990'). ID as 'You're listening to more of the Weekend Shopper on 4BC Brisbane' and 'Talk 1116 Brisbane, 4BC' by male announcer. Excellent signal during peaks. A short MP3 recording can be heard here: http://www.guyatkins.com/files/4BC_Brisbane_1116_kHz_12Jun05.mp3. (Atkins-WA)
- 1125 **NEW ZEALAND**, 1232-1240, R. Sport, Napier/Hawkes Bay Jun 12 Sports talk with two male announcers with US accented English, with typical relay of a USA sports network. Discussion about top NASCAR drivers. Fair, clear signal during peaks. Presumed. (Atkins-WA)
+ 1235-, Jun 12 Good reception with American relay with, what else, sports talk, and maybe an infomercial. Strange to hear American programming from so far away!
(Salmaniw, Grayland, WA)
+ (pres.), Jun 14 1247 - Presume this with DU talk about sports at poor level near band fade. Very tough copy. (Bryant-WA)
- 1152 **FIJI** Fiji B.C., Rakiraki (presumed), Jun 11 1159 - Presume this one (as it usually is) with continuous island pops music. No breaks, no TOH ID this late in their broadcast day. (Bryant-WA)
- 1287 **JAPAN** JOHR, Sapporo , Jun 11 1117 - Noted with evening pops show at fair level. (Bryant-WA)
- 1332 **AUSTRALIA** 4BU, Bundaberg (pres.), Jun 11 1245 - Heard this last summer with the same Oldies format during this period. Station is directional to the North. 'My Girl' and a couple of other late Fifties favorites were heard as the band faded out just before TOH. Heard well, also at dawn from Grayland Motel on June 12. (Bryant-WA)
- 1332 **JAPAN** JOSF, Tokai Radio, Nagoya , Jun 11 1122 - Heard here in JJ by male at just above threshold level. Very poor. (Bryant-WA)
- 1332 **NEW ZEALAND**, 1220-1235, R. Sport, Auckland Jun 11 Noted with sports programming of two male announcers in Kiwi English, possibly parallel 558 Invercargill. Fair on peaks, but over/under presumed 4BU Bundaberg Australia with oldies hits. (Atkins-WA)
- 1386 **NEW ZEALAND** 1XOR, R. Tarana, Auckland, Jun 10 1228 - Threshold level talk by male, into much clearer Hindi music. Built to fair level. (Bryant-WA)
- 1566 **AUSTRALIA** 3NE, Wangaratta, Jun 12 1258 - Clearly talk by Aussie male announcer at band fade. No sign of HLAZ. Will watch this closely in coming days. (Bryant-WA)
- 1566 **REP. OF (SOUTH) KOREA** HLAZ, Cheju Isl. (pres.), Jun 11 1135 - Presume this as is usual dominant. Noted at threshold level with East Asian language. (Bryant-WA)
- 1737 **PAPUA NEW GUINEA**, 1143-1144, KUT, Kutubu Jun 12 CW aeronautical beacon KUT noted with slow Morse code; fair signal level. (Atkins-WA)
- 2310 **AUSTRALIA**, 1305-1312, VL8A Alice Springs Jun 11 Discussion of Australian politics by man and woman. Fair level. Parallel VL8T 2325 (fair) and VL8K 2485 (poor). On June 12, all three 120 meter band Aussies were much better, at 1044 UTC; persistent hum noted on VL8K transmitter. (Atkins-WA)
- 2485 **AUSTRALIA**, 1134-, ABC Northern Territory Katherine Jun 12 Annoying hum with ABC news, and then into a Sunday variety show. The feed source is different from 2310 and 2325, as they are in parallel, but Katherine is a fraction of a second ahead of 2310 and 2325. No hum on the latter 2 either, so a more pleasant listen. Much stronger signals than yesterday am. 2310 Alice Springs the strongest, followed closely by 2325 Tennant Creek. (Salmaniw, Grayland, WA)
- 3220 **PAPUA NEW GUINEA**, 0938-0943, R. Morobe Jun 11 Tentative. Weak signal of man talking in Pidgin. Not much to go on, but other PNGs were in at very good levels during the same timeframe. Old country Gospel music at 0941. (Atkins-WA)
- 3235 **PAPUA NEW GUINEA**, 1145-1201, R. West New Britain Jun 12 Man in Pidgin language with mentions of Kimbe and Papua New Guinea. Sing-sing PNG vocals to 1156 announcements. Still playing soft music past 1200. Fair signal at tune-in, but fading fast. (Atkins-WA)
- 3260 **PAPUA NEW GUINEA**, 0845-0901, R. Madang Jun 11 Male announcer in Pigin with mentions of 'Papua' at 0846. Bagpipe music (!) at 0850; ad for a brand of 'fine tuna' at 0857, and more bagpipe music 0858. 'Radio Madang' ID at 0900. Fair to good signal. Noted June 12 with weak, noisy signal at 1052. (Atkins-WA)
- 3275 **PAPUA NEW GUINEA**, 1050-1055, R. Southern Highlands Jun 12 Tentative. Noisy signal of what sounded like a live church service or transmission from an auditorium. English language preacher or speaker, but too weak of a signal to pull out much content. (Atkins-WA)
- 3290 **PAPUA NEW GUINEA**, 0845-, PNG Bandscan Jun 11 S7 to S9 open carrier here at this time. Not sure whether this is a Central American, or the PNG station, Radio Central. 2410 has a weak carrier. As I recall Radio Enga hasn't been on the air for a while. Worth watching. 3205 Radio Sandaun, usually one of the strongest is absent today. 3220, Radio Morobe heard with only a fair signal at best. 3235 Radio West New Britain heard at good levels at 08:52 with S9 to S9+5 level with EZL western music. ID for Radio West New Britain at 0856. Lowish modulation for the announcer (female). // to 4890 with National news at 09:04. 3245 Radio Gulf, not on the air. 3260 Radio Madang fair to good, but lot's of atmospheric noise again. Radio Southern Highlands on 3275 is only weakly heard, again with National news relay at 0910. Open Carrier on 3290, Radio Central's frequency. 3305 Radio Western... loud carrier only. 3315, Radio Manus absent. 3325 Radio North Solomons with a political speech, mentioning Bougainville, and tok-tok. Children's choir (sounds like an anthem?). 3335 Radio East Sepik very strong. 3345 Radio Northern's frequency is occupied by the Indonesian, so can't tell. 3355, Radio Simbu is absent. Very weak carrier on 3365.1. Don't think this is Radio Milne Bay. 3375 has several stations, including one 100 Hz high. Not sure is Radio Western Highlands is among them. 3385 is the strongest on the band, with Pidgin male announcer, mentioning Radio Australia from 1985. Powerful signal. 3395 Radio Eastern Highlands not on the air. 3905 Radio New Ireland very strong. (Salmaniw, Grayland, WA)
+ 1043-, Radio Central Jun 12 Didn't hear this one last night, but here this morning with a fine S9+ signal with American inspirational vocal. Rechecked at 11:04, when they were carrying the National news. On recheck at 11:28 they were carrying a National program (parallel to 9675). (Salmaniw, Grayland, WA)
+ 1056-, Jun 12 Central was not heard last night, but booming in this evening with a very good signal of EZL pop music and male announcer in English. Conch shell blowing, then Into NBC national news read by a man in English at 1100. Into a commentary program at 1105 by a male announcer: 'Welcome to another edition of Around the Provinces.' Noted parallel to NBC Port Moresby on their alternate frequency of 9675 (4890 absent). (Atkins-WA)
- 3325 **PAPUA NEW GUINEA**, 0944-0948, R. North Solomons Jun 11 Live or recorded broadcast of a female representative being sworn-in to a governmental assembly, and swearing allegiance to the country of Papua New Guinea. There were many mentions of Bougainville. The programming sounded like a PNG version of CSPAN. Fair to good signal. Also heard June 12 with a fair signal at 1058. (Atkins-WA)
- 3335 **PAPUA NEW GUINEA**, 0948-0959, R. East Sepik Jun 11 Nice Melanesian sing-sing music at tune-in; male announcer in Pidgin 0953 with time check and mentioning Papua New Guinea twice. ID for 'Radio East Sepik' at 0959. At 1003, the announcer mentioned 'Wantok Radio Light dedication' in the midst of a Pidgin sentence. Powerhouse signal! (Atkins-WA)
- 3364.974 **PAPUA NEW GUINEA**, 1048-, Radio Milne Bay Jun 12 Definitely on this morning slightly off frequency, with islands music with rapidly increasing audio as I monitor to the hour. Music is decent, but the male announcer is rather muffled. Friday and Monday mentioned. English, not Pidgin at the moment. Into more music at 11:01. Signal is nice and strong, but unfortunately the announcers modulation is terrible. Still nice to hear them today, as they weren't audible yesterday. (Salmaniw, Grayland, WA)
- 3365 **PAPUA NEW GUINEA**, 1131-, R. Milne Bay Jun 12 Nice to hear Milne Bay again, as my last log of them was nearly one year ago. Very pleasant PNG vocals and acoustic guitar at tune-in. Man in Pidgin 1136 with mentions of upcoming programs, times, etc. Pacific islands flavored music 1139; weather forecast for Milne Bay 1140. Good signal level initially, but deteriorating by 1140. (Atkins-WA)
- 3385 **PAPUA NEW GUINEA**, 0910-0924, R. East New Britain Jun 11 Surprised to find on 3385 a relay of Australian rules football between the victorious Brisbane Broncos and the Canberra team. Noted parallel to the 120 meterband Aussie regionals. Suddenly back to local PNG programming at 0920 with ads for a hardware store and grocery. Mentions of the football game by a male announcer in Pidgin at 0922. Numerous mentions of Papua New Guinea at 0923. At 1320 recheck, noted on late with local advertisement and mentions of Rabaul, and then off at 1323. Also heard June 12 with a strong signal of soft PNG pop music in Pidgin at 1112. (Atkins-WA)
+ 1328-, Jun 11 A real power house with strong signals long after my sunrise. By far the strongest 90m station, but they pulled the plug within a few minutes of the logging. (Salmaniw, Grayland, WA)
- 3905 **PAPUA NEW GUINEA**, 0820-0836, Radio New Ireland Jun 11 Excellent level with female announcer in Pidgin; interesting primitive music with women singing, accompanied by wooden percussive instruments. 'Radio New Ireland' ID by woman at 0831, and into local announcement or PSA by man and woman regarding the evils of marijuana. (Atkins-WA)
+ 0821-, Jun 11 Almost armchair copy with Pidgin ad about ?bird conservation, and then singing by children, accompanied by what sounds like cans bumping along the ground. ID for Radio New Ireland heard at 08:31. Then the Golden Rules. One, two, three, four... public service announcement for something or another! Marijuana mentioned multiple times at 08:34 with ill effects on the brain. (Salmaniw, Grayland, WA)

- 3935 **UNIDENTIFIED**, 0802-0806, Jun 11 Man in an English or Kiwi accent reading a list or story. Faint signal, barely above threshold level. ZLXA Levin, New Zealand? (Atkins-WA)
- 3944.9v **VANUATU**, 0715-0740, R. Vanuatu Jun 11 Noted this rising up from the noise prior to 0700, and down 0.1 kHz from nominal, just like Vanuatu on 7259.9v earlier in the evening before it shut down suddenly. Mentions of 'Tok Tok' at 0715 as well as Port Vila at 0731. Poor to fair signal, but improving past 0740. Noted again at 0814, drifted down to 3944.85. 'Radio Vanuatu' ID at 0815. (Atkins-WA)
- 3945 **INDONESIA**, 1127-1130, RRI Ternate Jun 12 Soft Indonesian pop music to male announcer with ID at 1130. Only a fair signal, with modest modulation. Heard somewhat better on June 11. (Atkins-WA)
- 4790 **INDONESIA**, 1320-1333, RRI Fak Fak Jun 11 Strong signal of lagu romantik music; female announcer at 1330 with mentions of Fak Fak. Presumed. (Atkins-WA)
- 4890 **PAPUA NEW GUINEA**, 1400-, National Radio Jun 11 Sign off announcements, with frequencies and then short NA, into dead air by 14:00:45. Still very strong! (Salmaniw, Grayland, WA)
- 4960 **PAPUA NEW GUINEA**, 0840-, Catholic Radio Network Jun 11 S7 to S9 signal with church service in progress with a beautiful choir. Not at all sounding like anything indigenous, though. Lot's of static noise. (Salmaniw, Grayland, WA)
+ 0904-0906, Jun 11 Noted in passing with Catholic programming in English, 'Hail Mary full of grace,' etc. at tune-in. Much poorer signal than Wantok Radio Light... fair at best. However, at 1340 I happened upon CRN again, with a good signal of PNG choral music. At 1347, the female announcer congratulated Wantok Radio Light on their inaugural broadcast and official first day on the air. On June 12, CRN was heard with a poor signal of contemporary Christian music and female vocals at 1115. (Atkins-WA)
+ 1402-, Jun 11 Even a couple of hours after sunrise, this PNG is still going strong with late night instrumental music. Still a S5 to S7. (Salmaniw, Grayland, WA)
- 5019.87 **SOLOMON ISLANDS**, 0708-, SIBS Jun 11 Nice reception except for pretty awful splatter from Cuba on 5025, but quite nicely taken care of by the 7030+ NB on wide setting. Regional news and sports. Time check for 12 minutes past (6? o'clock). In English, but then switched to Pidgin. Nice TC at 07:15. Much stronger now, as the sun sets. Still in Pidgin, with a play by play of a sports match, but no excitement in the announcer's voice! Soccer it seems. (Salmaniw, Grayland, WA)
- 5019.9 **SOLOMON ISLANDS**, 0750-0802, SIBC Jun 11 Bored-sounding announcer calling a soccer match between the Solomons Islands and Kenya, alternating between Pidgin and English. Caliope-like tune at 0801, and ID by woman, and into news in English. Very good to excellent signal. (Atkins-WA)
- 7120 **PAPUA NEW GUINEA**, 0520-1325, Wantok Radio Light Jun 11 A weak het first heard around 0520, and strengthening into threshold audio before 0600, over two hours before Port Moresby sunset. A steady rise in signal strength throughout the 0600 hour was noted, with good, listenable levels by 0630, with special inaugural broadcast of Wantok Radio Light in progress. Many mentions of 'Wantok Radio' by male and female announcers with references to the dedication of the station, and so on. This was clearly an outdoor event and broadcast, with a 'you are there' feeling, complete with echoes, microphone feedback squeals, crowds cheering, etc. Christian contemporary praise and worship music in between announcer comments, phone interviews, and messages by pastors and Christian leaders, and songs by local bands (Voice in the Wind; P.T.U.I.F. Band; and Higher Vision). Heard frequent comments like 'Papua New Guinea is praising today', 'Are you rejoicing, Papua New Guinea?' and mentions of thanksgiving for the new station. By 0715 the signal was positively loud! An exclamation of 'Good evening, Kaupena!' was heard at 0744, at the beginning of a listener's message and excited testimony (Kaupena is the transmitter location.) At 0902 recheck. I caught a quick ID in Pidgin rather than English: 'You hearim Wantok Radio Light'. This new PNG station was even coming in at a fair level on the whip antenna of my Degen DE1103... pretty impressive for 1 Kw on an NVIS antenna from over 6700 miles away. At 1325 recheck, noted Wantok Radio Light still in with a fair-good signal of contemporary Christian music. (Atkins-WA)
+ 0634-, Jun 11 Official opening ceremonies of the radio station. Mentions of PNG and Wantok Radio Light. Seemingly live relay of an outdoor event. Superb signal at 07:01 retune. Every bit as strong as Don Moman's fabulous recording from last week. Armchair copy, like Port Moresby's 4890 so often! I rechecked at 08:25. Easily S9+10 to 20 signals, with thanks to various individuals, so I'm wondering whether the opening ceremonies are coming to a close. (Salmaniw, Grayland, WA)
- 7129.82 **TAIWAN**, 1326-, Radio Taiwan International Jun 11 Despite ILG listing an even 7130 freq, this transmitter is off, causing a mess with cochannel ?CNR right on freq. Japanese program, with lots of mentions of 'Taiwan. Good to very good reception. (Salmaniw, Grayland, WA)
- 7130 **TAIWAN**, 0949-, WYFR Jun 11 Despite what ILG states, WYFR appears to be on at this time with an Asian language and religious songs. Interfered by an off frequency carrier causing a het to be heard, easily dismissed by the Icom's notch filter. (Salmaniw, Grayland, WA)

- 7259.985 **VANUATU** 7259.685, 0621-, Radio Vanuatu Jun 11 Sunset in Port Villa, with a decent signal (at least the music) but with lots of summer static crashes. Modern western music. Chatting with Guy Atkins across the table, when it just vanished at 06:25. Very weak het only. I assumed it was some local noise, but I don't think so, as 7120 PNG is coming in with audio. Still nothing at 0642, but fair audio on 3944.86 with identical format, so I'm assuming this is the same transmitter. Listened to 06:58 with mentions of Vanuatu. Port Villa mentioned at 07:06. I checked again at 0800. Rapid drums up to the TOH, then islands type music. No IS or ID on the hour. 'People of Vanuatu' heard at 0805. Transmitter appears to be drifting somewhat. 'Vanuatu government' at 0807. Frequency is 3944.86 at 0810. Radio Vanuatu ID at 08:11:55. Rapid drums, and ?conch shell, and another Radio Vanuatu ID at 08:15, and into music, and presumed ad. All at good signal strength but weak modulation. (Salmaniw, Grayland, WA)
- 9675 **PAPUA NEW GUINEA**, 1115-1122, NBC Port Moresby Jun 12 I almost didn't check this frequency, as 0700 is typical sign-off for 9675. However, after finding 4890 quiet, I noted 9675 with a good signal (far better in LSB) with the 'Around the Provinces' program, parallel to 3290 R. Central. Male and female reporters with news items from various PNG locations. (Atkins-WA)
+ 1119-, Jun 12 A very unusual PNG morning with very few stations on the air, and the few that weren't on the air yesterday morning are audible today. 4890 was uncharacteristically not on the air. Thanks to Guy Atkins who pointed out that they stayed on their day frequency of 9675! Stong signal except for really bad adjacent splatter from 9680 (Taiwan and the Chinese music jammer). No problem on LSB, though. Continued with a news program. Rather tinny audio, though, compared to the full rich modulation on 4890. End of the program at 11:24:50, with a 'good night'. Open carrier for almost 30 seconds before going into western modern pops. (Salmaniw, Grayland, WA)

Report from Nick Hall-Patch

NHP--Nick Hall-Patch on CCGS John P. Tully at various points in the northeast Pacific Ocean using 6'x9' ALA100 active loop antenna and Drake R8 driven by laptop with Ergo IV.

Some interesting stuff here Patrick, from a working trip offshore to 50N 145W. In spite of logging a couple of Chinese, my impression was that Asiatic conditions went downhill after 7/ 8 June, just as we arrived at Ocean Station Papa.

Station Papa itself, at 50N 145W, is a good location for Asiatics, even in June, partly due to lack of domestic QRM, but you can see the signal strength generally increase on successive days approaching that site when using the DR333 signal strength monitoring program. Given that it's about a fifth of the way to Japan, I suppose it's not too surprising. Unfortunately, even though we were there for several days, working days of up to 17 hours rather limited my DX time, and as soon as my heavy work finished, we were back towards the Queen Charlottes and domestic QRM again. One highlight was hearing the two stations from Nome with a broad daylight path across a chunk of Alaska. It seemed to be a spotlight effect, as when we moved on from that site (it was a sampling station on the way to the Charlottes), they quickly faded, though of course, we were approaching local noon as well.

Shipboard QRM was not a big problem (the ALA100 is quite brilliant in this regard, compared with active whips, plus it is quite sensitive even when suspended between large chunks of steel), but there were buzzes and hums that limited certain parts of the band, and the Russian LWBC were mostly buried. Perhaps I should see if I can get on a sailing ship?

Anyway, read, and enjoy. I know I enjoyed doing it.

- 180 **RUSSIA**, Petropavlovsk, R. Rossii. 1200 6 Jun. Only 6 pips audible on hour, with 6th slightly longer; man and woman talking faded up a few minutes later, language not readable" v. poor. (NHP-49 40N 139 40W)
- 558 **FIJI**, Naulu, R. Fiji 1. 1309 13 Jun. Island mx //639, quite murky in comparison to 639, hard to get //. Nil-poor. (NHP-51 15N 143 40W)
- 560 **ALASKA**, Kodiak, KVOK. 1452 11 Jun. "AM 5-60 KVOK" ID and country mx; this one is a regular out in the watery wastes. Fair to good. (NHP-50N 145W)
- 567 **NEW ZEALAND**, Wellington, 2YA. 1258 6 Jun. 6 pips on hour R. NZ news, good strength. (NHP-49 40N 139 40W)
- 580 **ALASKA**, Petersburg, KRSA. 0111 7 Jun. VoA news (!), announcement for a Saturday morning program on KRSA, followed by Haines, Sitka, Juneau, Petersburg and Wrangell. Good signal. (NHP-50N 143 40W)
- 612 **AUSTRALIA**, Brisbane, 4QR. 1225 6 Jun. men talking EE //702 which had better strength. Only poor-fr. (NHP-49 40N 139 40W)
- 620 **ALASKA**, Homer, KGTL. 2341 12 Jun. KGTL 6-20 ID after easy listening music; good signal. (NHP-50N 145W)
- 630 **AUSTRALIA**, Townsville, 4QN. 1304 8 Jun. ABC news, //621, and quite a bit better; dominant on channel w/ fr-gd signal. (NHP-50N 145W)
+ Also noted 1211 14 Jun with mention of temperature in Brisbane and ABC news, Nightline program, surprisingly strong, and dominant, but fading. (NHP-52 50N 138W)

- 650 **ALASKA**, Anchorage, KENI. 0136 13 Jun. "News Radio 6-50 KENI" ID; Lazy Boy Gallery commercial. Fair to poor. (NHP-51 15N 143 40W)
- 657 **AUSTRALIA**, Byrock, 2BY. 1239 6 Jun. Man and woman talking //702, o/u splash. Fair strength. (NHP-49 40N 139 40W)
- 670 **ALASKA**, Dillingham, KDLG. 2306 11 Jun. //830 w/man talking after musical interlude; near noise floor; v. poor. (NHP-50N 145W)
- 684 **FIJI**, Labasa, R. Fiji 1. 1255 5 Jun. Island choral mx //639 good. (NHP-49 20N 135 40W)
- 693 **JAPAN**, Tokyo, JOAB. 1244 6 Jun. Men in JJ //774; DU EE had dominated moments earlier, though NHK2 has been known to use DU announcers in their EE lessons. Fair strength. (NHK2-702 also struggling w/prevously dominant 2BL at this time.) (NHP-49 40N 139 40W)
- 711 **AUSTRALIA**, St. George, 4QW. 1326 8 Jun. Man talking EE //702, all on its own, but poor; 7NT less likely. (NHP-50N 145W)
- 720 **HAWAII**, Eleele, KUAI. 1325 14 Jun. "7-20 KUAI" by woman after easy listening mx, difficult to read with distortion. Fair to poor. (NHP-52 50N 138W)
- 720 **JAPAN**, unID. 1329 8 Jun. Sounded like JJ talk by man; JOIL seems unlikely, being on Kyushu, but others even less likely... Hawaii not listed as JJ; anybody know? Poor to fair. (NHP-50N 145W)
- 729 **JAPAN**, Nagoya, JOCK. 1249 12 Jun. Flute, strings and almost CC sounding vocals, but //1503 and 3607.5. Poor to fair. (NHP-50N 145W)
- 738 **AUSTRALIA**, Grafton, 2NR. 1250 6 Jun. 2 men in DU EE //612, good strength. (NHP-49 40N 139 40W)
- 747 **AUSTRALIA**, Toowoomba, 4QS. 1335 11 Jun. Man in EE, //738, soon faded under NHK2 EE lessons; fair-nil. (NHP-50N 145W)
- 750 **ALASKA**, Anchorage, KFQD. 0000 13 Jun. KFQD ID on hour, after legal advice call in program; good strength. (NHP-51 15N 143 40W)
- 756 **AUSTRALIA**, Taree, t2TR. 1255 6 Jun. Two men in accented EE //612 fighting w/piano mx likely from NZ. This was likely 2TR as R. National (3RN) usually has unique programs. Nil-fr. (NHP-49 40N 139 40W)
- 780 **ALASKA**, Nome, KNOM. 1552 13 Jun. Old time country mx, mention of Nome and KNOM; surprisingly good considering daylight path across a chunk of Alaska. ID on hour, but messy. Then, quite thunderous 1619 with a small program on birdwatching in the area. Fair to good. (NHP-51 15N 143 40W)
- 783t **NEW ZEALAND**, Wellington, 2YB. 1218 17 Jun. Best signal on band at this location (most were carriers), but never more than fair strength. Light pop mx, then man in unID (Pacific island?) language. (NHP-51N 128W)
- 801 **GUAM**, Agana, KTWG. 1233 14 Jun. Woman giving times of a program "Right here on Cornerstone". Turning Point program followed. Good strength. (NHP-52 50N 138W)
+ Also noted poor to fair 1300 13 Jun with static crashes: "you've been listening to Turning Point" (NHP-51 15N 143 40W) Also likely 1307 8 Jun w/EE religion, someone w/Irish accent; fair. (NHP-50N 145W)
- 810 **AUSTRALIA**, Bega, 2BA. 1334 9 Jun. Man and woman talking //702 and slightly delayed, o/presumed NZ; poor-fair. (NHP-50N 145W)
- 810 **NEW ZEALAND**, Dunedin, 4YA. 1336 8 Jun. Ballad //756, 567, dominant at this time; nil-fair. (NHP-50N 145W)
- 830 **ALASKA**, Sand Point, KSDP. 2304 11 Jun. "KDLG Dillingham" ID after country mx program, which continued a few minutes later; had heard local ID for KSDP at 2128, but recorder wasn't running. Fair. (NHP-50N 145W)
- 846 **AUSTRALIA**, Canberra, 2RN. 1309 6 Jun. Man talking DU accent //792, which was stronger. Poor to good. (NHP-49 40N 139 40W)
+ Also noted 1338 8 Jun and 1338 11 Jun, both //792; fair. (NHP-50N 145W)
- 850 **ALASKA**, Nome, KICY. 1550 13 Jun. Ad with details for ordering the KICY sweatshirt; recorder not running unfortunately; might have ordered one. Good despite daylight and partial overland path of ~2000km. (NHP-51 15N 143 40W)
- 864 **JAPAN**, Hokkaido, HBC synchros. 1255 8 Jun. Woman talking after JJ pop mx, //1287; fr-gd. (NHP-50N 145W)
- 882 **JAPAN**, Hokkaido, STV synchros. 1237 12 Jun. JJ talk by excitable woman, lots of splash; not NHK1 per //, and 1440 not available. Fair-poor. (NHP-50N 145W)
+ More definite identification, 1227 13 Jun. Fairly laid back mx followed by woman in JJ //1440; nil-fair. (NHP-51 15N 13 40W)
- 890 **ALASKA**, Homer, KBBI. 1347 11 Jun. Mentions of BBC World Service and a news interview program; listed as BBCWS at this time. Good. (NHP-50N 145W)
- 891 **AUSTRALIA**, Adelaide, 5AN. 1316 6 Jun. Woman on telephone w/man //702, 774, 612; first two now dominant o/JJ. 891 was battling with a second apparently DU station judging by man's accent. Fair-good. (NHP-49 40N 139 40W)
- 909t **JAPAN**, Hokkaido, STV synchros. 1231 12 Jun. Easy going JJ pop mx, woman announcer in JJ; not NHK2 by type of programming or //774; some domestic splash; no 1440// at the time; fair. (NHP-50N 145W)
- 920 **ALASKA**, Soldotna, KSRM. 1607 13 Jun. KSRM mention in middle of news; some shipboard noise; another ID at 1611; fair-poor. (NHP-51 15N 143 40W)
- 927 **CHINA**, unID. 1226 12 Jun. Woman in CC talking to man on phone, poor to fair strength; fighting with a second CC? Number of possibilities. (NHP-50N 145W)
- 927 **JAPAN**, NHK1 synchros. 1234 13 Jun. Woman and man talking in JJ //594, low het on channel also nearly obliterating this; poor-fair. (NHP-51 15N 143 40W)
- 945 **JAPAN**, NHK1 synchros. 1236 13 Jun. Man and woman in JJ //594; actually better strength than 594 at this time; fair-good. (NHP-51 15N 143 40W)
- 954t **JAPAN**, Tokyo, JOKR. 1319 6 Jun. Woman in JJ, better strength than NHK big guns at this time, but somebody creeping from under; fair-good. (NHP-49 40N 139 40W)
- 963 **AUSTRALIA**, Warwick, 4WK. 1400 11 Jun. "country mx radio 4WK" ID followed by nx. Fair. (NHP-50N 145W).
+ Also 1300 14 Jun. w/4WK ID on hour after commercial by man, then into nx by woman; poor-fair. (NHP-52 50N 138W)
- 963 **JAPAN**, NHK1 synchros. 1239 13 Jun. JJ vocal mx //594 nil-fair. (NHP-51 15N 143 40W)
- 990 **HAWAII**, Honolulu, KHBZ. 1333 13 Jun. "AM 9-90 KHBZ" by woman, followed by saxophone riffs; fair-good. (NHP-51 15N 143 40W)
- 990 **JAPAN**, Kochi, JORK. 1343 8 Jun. Man in JJ, mostly u/"Hotel California" song, but //594. Nil-poor. (NHP-50N 145W)
- 999 **AUSTRALIA**, Broken Hill, 2NB. 1351 7 Jun. Female pop vocal //891, male DU talk; nothing else seems to fit" nil-fair. (NHP-50N 143 40W)
+ Also, 1400 8 Jun. EE talk "This is the Nightlife", an ABC discussion program; poor-fair. (NHP-50N 145W)
- 1008 **AUSTRALIA**, Brisbane, 4TAB. 1338 13 Jun. Pop mx //891 which was trading places w/5AN; poor-fair. (NHP-51 15N 143 40W)
- 1026 **NEW ZEALAND**, unID NZ. 1255 12 Jun. EE discussion by two men, //1035, 1008; fighting w/mx on channel; is 1ZN still linked with the ZB stations? Poor-fair. (NHP-50N 145W)
- 1053 **NEW ZEALAND**, New Plymouth, 2YF. 1354 11 Jun. Announcer reading e-mail about access to private rural land //1035 (much stronger), 1044 and 1008; poor-fair. (NHP-50N 145W)
- 1062 **AUSTRALIA**, Thursday Island, 4TI. 1339 7 Jun. Man talking about privatized universities //702 which was weaker, but a fraction of a second ahead; fair-poor. (NHP-50N 143 40W)
- 1071 **NEW ZEALAND**, Masterton, 2YE. 1335 7 Jun. Woman singing //837, 756, then man talking, but weak enough that it was barely identifiable as DU EE. Poor at best. (NHP-50N 143 40W)
- 1080 **HAWAII**, Honolulu, KWAI. 1332 14 Jun. Woman advertising "Earth and Sky" program on KWAI, several IDs in a few minutes. Suffered from shipboard electrical noise; poor-fair. (NHP-52 50N 138W)
- 1089 **JAPAN**, Sendai, JOHB. 1307 12 Jun. Man in JJ //774, fighting with unID CC talk on channel; nil-poor. (NHP-50N 145W)
+ Also 1235 14 Jun //774, briefly stronger than 774; fair-poor. (NHP-52 50N 138W)
- 1134t **AUSTRALIA**, Armidale, 2AD. 1330 7 Jun. //1188 that had ID'd moments earlier, w/man talking, then ad, trading places w/JJ station; 2SM net most likely, therefore 2AD. Nil-fair. (NHP-50N 143 40W)
- 1143t **AUSTRALIA**, Newcastle, 2HD. 1357 11 Jun. Man in DU EE //1134 (SM net?)... but, could have been National Radio New Zealand listed on both frequencies also. Nil-poor. (NHP-50N 145W)
- 1152 **FIJI**, Rakiraki, R. Fiji 1. 1311 13 Jun. Island choral mx //639, fighting with others on channel, but becoming dominant; fair-poor. (NHP-51 15N 143 40W)
- 1161t **AUSTRALIA**, Naracoorte, 5PA. 1402 7 Jun. Woman talking in accented EE, // w/dominant signal on 891, which did not ID across hour; it wasn't //1008 but was //999, so guessing ABC, though 4TAB would have been good to log also; nil-poor, (NHP-50N 143 40W)
- 1188 **AUSTRALIA**, Inverell, 2NZ. 1326 7 Jun. Ad for "Country Music Radio" program coming up Saturday and Sunday on 2NZ fair-gd. (NHP-50N 143 40W)
+ Then at 1405 11 Jun, man saying "? radio network" "country mx radio" and CMR mentions, "from the country music capital Tamworth (?)", so they had pre-ID'd this one for me; fair-nil. (NHP-50N 145W)
- 1197 **JAPAN**, Hokkaido, STV synchros, plus unID JJ. 1247 13 Jun. JJ singing //1440, way u/dominant JJ w/woman giving EE lessons. Mito and Kumamoto are possibilities for the dominant, but neither are water path. Poor-fair. (NHP-51 15N 143 40W)
- 1230 **ALASKA**, Sitka, KIFW. 2332 11 Jun. "AM 12-30 KIFW" ID by man between blocks of pop mx; occasional fades yielded man talking faintly underneath. KVAK? Fair strength and a regular out here. (NHP-50N 145W)
- 1269 **JAPAN**, Esashi/Obihiro, JOFM/JOHW. 1258 8 Jun. Man and woman, nx sounders, excited JJ talk //1287, mixing w/ CC talk; poor. Also noted 1323 12 Jun. (NHP-50N 145W)
- 1287 **AUSTRALIA**, Tamworth, 2TM. 1319 12 Jun. Pop mx //1269 fighting w/dominant JJ... which was itself was //1269; poor-fair. (NHP-50N 145W)
- 1287 **JAPAN**, Sapporo, JOHR. 1304 7 Jun. Monster signal, man and woman in JJ. (NHP-50N 143 40W)

- + Also noted with very good signal and "HBC rajio" ID by man 1309 8 Jun. "number 10" belled out at one point... other numbers belled out at various times on other nights as well. (NHP-50N 145W)
- 1323 **CHINA**, Jilin, CRI. 1256 7 Jun. "/963 w/RR talk at good strength, then oriental sounding instrmental interlude, then nothing, just weak talk in background, which was not//NHK1 1503. (NHP-50N 143 40W)
- 1332 **JAPAN**, Nagoya, JOSF. 1307 7 Jun. Relatively easy going JJ pop mx //1440, gradually fading u/DU talk. Fair-poor. (NHP-50N 143 40W)
+ Also 1240 8 Jun. Didn't seem //1440 at this time. (NHP-50N 145W) Also 1315 13 Jun. briefly fair and dominant w/man in JJ //1242. (NHP-51 15N 143 40W)
- 1341 **AUSTRALIA**, Newcastle, 2HH. 1224 14 Jun. "2KY Racing Network" mention at tune in, about equal w //1017, details of upcoming races; Fair-poor. (NHP-52 50N 138W)
- 1350 **JAPAN**, Hiroshima, JOER. 1249 7 Jun. "man and woman rapidly talking in JJ, becoming dominant on channel; fair-good. (NHP-50N 143 40W)
+ Also 1319 13 Jun. Frantic comic talk between man and woman //1242, u/dominant EE station; poor. (NHP-51 15N 143 40W)
- 1359 **CHINA**, various, CNR1. 1310 7 Jun. "??renmin guangbo dientai" by man ; some splatter. Presumably CNR1 as that's all that's listed; fair. (NHP-50N 143 40W)
+ Also 1346 12 Jun w/woman in CC //5030; had been chasing this for past 20 minutes, as was mostly faded below noise; Nil-poor. (NHP-50N 145W)
- 1368 **JAPAN**, Wakkanai, JOTS. 1320 7 Jun. Rapid fire talk //1287 it seemed, poor at best, tentative at this time. (NHP-50N 143 40W)
+ At 1319 8 Jun, definitely //1287 w/man and woman talking, battling w/NHK1 synchros, fair at peaks, not bad for a lowly kilowatt. (NHP-50N 145W)
- 1368 **JAPAN**, NHK1 synchros. 1313 8 Jun. man and woman JJ talk //594 poor-fair. (NHP-50N 145W)
- 1370 **HAWAII**, Pearl City, KUPA. 1340 14 Jun. After laid back mx, man mentioning the Breeze 99.5, and mention "the breeze of Hawaii.com" and 99.5, poor-fair, mostly u/KAST. According to <http://www.hawaiiradiotv.com/OahuRadio.html>, this simulcasts 99.5, "Ka Makani". Sure enough, 16 Oct 04 DXM has a logging from Dale Park for this call, but no mention of "the Breeze", though "Ka Makani" translates as "the wind" according to Dale. (NHP-52 50N 138W)
- 1395 **CHINA**, unID CC. 1300 7 Jun. Chinese pips on hour, but much weaker than 10 minutes before when heard woman in CC talk. (NHP-50N 143 40W)
+ Then noted at 1300 8 Jun with big production on hour. CC man and woman, pips, instrumental mx following, same as morning before. Slight splatter. There's probably an ID there, but I haven't dug it out. Not much to choose from in the PAL. Fair-good. (NHP-50N 145W)
- 1404 **JAPAN**, Koshiro, JOQL. 1252 8 Jun. JJ pop mx //1287, fading u/unID station; poor-fair. (NHP-50N 145W)
- 1449 **JAPAN**, Abashiri, JOQM. 1313 7 Jun. Woman in JJ talk //1287, but faded down rapidly, some splash and local noise. Fair-poor. (NHP-50N 143 40W)
- 1476 **AUSTRALIA**, Roma, 4ZR. 1247 14 Jun. Mention of Queensland in splash, faded down, then back to a commercial, 4ZR ID by woman at 1250; poor-nil. (NHP-52 50N 138W)
- 1521 **AUSTRALIA, unID**. 1414 7 Jun. Could be fooling myself, but swear I heard odd stringed mx //1512, 792, 846; nothing listed. Ship's electrical noise didn't help; nil-poor. (NHP-50N 143 40W)
- 1548 **AUSTRALIA**, Emerald, 4QD. 1236 8 Jun. man and woman talking //702; some splatter; fair. (NHP-50N 145W)
- 1557 **NEW ZEALAND**, Hawera, 2ZH. 1328 12 Jun. Female vocal mx, almost spiritual, u/dominant unID EE. This was//1008 and 1035; nil-poor. (NHP-50N 145W)

DX FORUM

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DEADLINES: Sundays

Deadlines: 7/17, 7/31, 8/28

Mike Sanburn, KG6LJU, P.O. Box 1256, Bellflower, California 90707-1256

Mikesanburn@hotmail.com Greetings - To update progress on our upcoming convention, if anybody experiences a problem making room reservations (there was a change in management at the hotel), contact the new manager Erik Garrido directly by phone at 714-533-8830 in the daytime hours. The room rate did get raised to \$59 a night, but we do have a block of rooms on hold until late July - and I'll to extend that a couple more weeks. The hotel does serve a complimentary breakfast every morning until 10am. After they clean that room out, it's ours for the rest of the day. We have a Taco Bell and convenience store across the street. Local restaurants include Sizzler and Cuban Petes. For information on earning frequent flyer miles at these locations, visit

www.rewardsnetwork.com. Also participating in that program is our banquet restaurant Jagerhaus. They are located east of the hotel where Ball Road meets the 57 Freeway. We've decided n a family style dinner consisting of beef rouladen, pork roast, chicken schnitzel, side dishes, salad, soft drinks, and desert. The cost per person will be \$20 and change (gratuity included). If you're coming, let me know a couple days ahead so we'll have an accurate guest count. I'm inviting a special guest speaker too!! Working on the Thursday station tours in the Inland Empire. Caravan should depart around noon. Hope to have a couple more local ones Friday. Ham operators can communicate on the 2-meter Disneyland repeater 146.940 MHz (minus) 1361.8 pl. Folks arriving by Amtrak or Metrolink train at the Fullerton Station can take a taxi or Orange County Bus southbound on Harbor Boulevard until they hit Ball Road. Hotel is on the northwest corner, close to Interstate 5. Ball Road is where the old KEZY-1190 studios used to be for years. Calls are now KXXM. Sunday was left wide open for people to visit local attractions... don't forget the nightly fireworks show at 2130 at Disneyland. Maybe you'll even catch one of our world famous earthquakes. (I did this afternoon.) Bring veries, photos, am radios for show and tell! I'll see everyone in August. 73.

Gary Larson, 2806 Lincoln, Burbank, California 91504-1724

The Orange County Register radio column reported on 6/19 that KSUR-1260 and XESUR-540 was doing a format of the shuffle hits of the past 50 years. They were oldies for a good amount of time, plus airing comedy. Now, as of 1700 6/17, they are standards to fill void when 690 XETRA changes to Spanish later in summer. On July 1, owner Saul Levine is changing 1260 call to KKG0I which I recall was used early on when 540 Hesperia (and later Costa Mesa) existed prior to Tijuana going on 73.

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

My sister, who lives 300 miles of Detroit, was down to visit us the few days of June. It was interesting to listen to her talk about what radio is like up as compared to her. She has trouble even hearing WGN-740 until late after sunset there and also hearing some of the other powerhouses I take, unfortunately, for granted here. I introduced her to www.radio-locator.com and we ran thru some of the patterns shown there. Turns out some of the problem stations she has run into but not known who they were are actually stations over in the Traverse City area that she didn't know about. She's been interested in the DX hobby to some extent as long as I have but I have taken it a lot further than what she has. I mentioned one or two issues ago about checking to see how many stations I have heard at all my locations. It turned out to be 30 stations. The surprise, I think, is KOA-850 Denver, Colorado which I heard down in extreme southeast Alabama. For some, the surprise might be that I have not heard KSL-1160 Utah but I haven't heard it since I left Milwaukee in 1996 so there are three locations I haven't heard it at. With Chicago on full-time, it's next to impossible to hear anything else on that frequency except for Florence, Ky, which is a Cincinnati suburb and not all that far from me. Hope all had a good holiday. 73.

DX WORLDWIDE - II

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All times unless noted otherwise

GENERAL INFO

The following countries which do not regularly use DST, have decided to introduce DST this summer: Haiti (until 30 October), Nicaragua (until 18 September), Tunisia (until 30 September). The move is attributed to the high fuel prices on the world market, requiring energy saving measures. (Bernd Trutenau mwc)

Sean Gilbert tells us that WRTH has updated it on-line download. Go to <http://www.wrth.com> and follow link to download the 333k file: WRTH A05 schedules May 2005 (6 May 2005.) You will get 95pages of updated info. Earlier updates are still on line (Steve Whitt, mwc)

WESTERN HEMISPHERE

ARGENTINA: "AM1710", Ciudad Autónoma de Buenos Aires, is now in 1710 KHz (ex 1700 KHz) with experimental programming (romantic music in Spanish & ID's). The station has a web page in www.am1700.com.ar. (Arnaldo Slaen, HCDX 29 May)

BRAZIL: The 3rd edition of the Brazilian Medium Wave List, compiled by the DXCB (Dx Clube do Brasil), is online. You may download freely as a PDF document at <http://www.ondascurtas.com/listasemissorasmw.asp>. (Rocco Controneo, HCDX 3 May)

COLOMBIA: 1510 HJZA R. Cristal, Armenia, ex Radio Estrella. Exact frequency 1509.80 kHz. (Björn Malm, ARC)

CUBA: Radio Reloj, the 24 hour-per-day news and information broadcast station was founded in 1947 here in Havana, and today broadcasts on the AM and FM bands, and also provides streaming audio by means of the Internet. Radio Reloj is extremely popular among AM medium wave band DXers around the world, because the station uses a CW Morse Code tone modulated identifier with

the letter R R, that is very easy copy even when the signals are very weak. So AM band DXers have a positive identification that they are picking up Radio Reloj from Havana, Cuba, even when they can't copy the voice of the two announcers that provide the news, as this is a voice-only station with pulse ticks every second that are also very easy to identify. Here is a short example of how the Radio Reloj signal sounds like; pay attention to the time pulses every second. Si amigos, you can pick up Radio Reloj on 950 kHz from Havana, and also on many other frequencies, like 850 kHz from the Isle of Youth and 860 from Colón, Matanzas (on the broadcast I think Arnie interjected that this outlet is a new one - gh). QSLing Radio Reloj is very easy by sending a postcard to their website address found at: <http://www.radioreloj.cu>. (Arnie Coro, RHC DXers Unlimited via DXLD)

TURKS & CAICOS: 1020 Caribbean Christian Radio tested twice in April, 20 kW. Slogan: "Super Power 1020". (Bert New, NRC V72/26) 1570 The IBB MW project here is awaiting British government approval on acquiring the land, following agreement between the land owners and the local govt. Broadcast Electronics will be supplying the transmitter. (Aaron Zawitzky via DXLD)

US VIRGIN ISLANDS: 970 WSTX in St Croix, US Virgin Islands, is to receive upgrades and improvements after signing an agreement with a prospective buyer. Attorney Kevin Rames said last week that Family Broadcasting Inc has entered into a time brokerage agreement with Caledonia Communication Corp, of which he is the president and sole shareholder. Rames said the agreement is to control the programming of WSTX-AM 970 and WSTX-FM 100.3 radio stations. Family Broadcasting still maintains the licenses, but Caledonia will run the programming. Rames said Caledonia plans to ultimately purchase the radio stations. The FM station previously simulcast the AM station, but Rames said with the new agreement the FM station has changed format to reggae programming, while the AM outlet continues to carry the popular news, sports and talk radio programs. (Virgin Islands Daily News via Andy Sennitt, 3 May via Media Network blog via DXLD) 1690 W. Charlotte Amalie. Originally dismissed, applicant has asked for reinstatement of application for U1 10/1 kW. (NRC DX News 21 March)

URUGUAY: The country returned to UT -3 on March 27. Now DST with UT -2. (Horacio A. Nigro, dxldyg via DXLD)

VENEZUELA: 1340 YVNE R. María Venezuela, Caracas ex R. Uno. R. María went on the air in January. YVNE runs 10.kw day and night with a directional pattern from two towers. Radio María Venezuela had been in the plans for several years now, and for the past year its directorate and staff have been trained by other Latin American Radios María. (Catholic Radio Update via Arctic)

ASIA AND PACIFIC

AMERICAN SAMOA: KJAL 630 has been approved from 585 5kw/5kw. (May clash at times with Cook Islands 630.) (David Ricquish, NZDXL May)

AUSTRALIA: Newsradio in Canberra is now testing on 103.9 FM. Once prgs start, the AM outlet on 1440 will be closed. (Geoff Wolfe. MWOZ 9 June)

NEW ZEALAND: A new station to DX is Voice of Samoa, Auckland on 1179 AM. Programs are in Samoan language, using 1kW, the old Ruia Mai frequency and transmitter. Nothing else known about them at this stage. the old 657 AM tower ('2YC' now Parliament and Southern Star) at Titahi Bay was demolished earlier this month. It was 122m high, built in 1949 and pulled down because of corrosion. More economic to build a new tower than fixing it. New tower is 133m and should be up by the end of April, just in time for the daytime DRM tests during the international symposium on DRM taking place in Wellington April 27-29. (David Ricquish, 16 April)

More AM changes in New Zealand as two new networks launch and heritage 'Radio I' brand dumped from FM.

(1) Radio Trackside on AM

The rapidly changing AM dial in New Zealand continues to evolve with the launch of Trackside Radio (a horse racing format operated by the Totaliser Agency Board or TAB) sharing frequencies with RadioPacific, and Radio Live (a news and information format) operated bylaws.

Radio Trackside operates to the following schedule Monday (2pm-8pm), Tuesday (2pm-12am), Wednesday (12pm-12am), Thursday-Friday(11.30am-12am), Saturday (8am-12am) and Sunday (2pm-7.30pm, extended to 10pm for Hong Kong racing). Radio Pacific then uses the same frequencies at all other times. All dates and times are NZ Standard Time.

A summary of changes follows:

549 Napier-Hastings	Radio Trackside/Radio Pacific ex NZ's Rhema
702 Auckland	Radio Live ex Radio Pacific
711 Wellington	Radio Trackside/Radio Pacific
738 Christchurch	Radio Live ex Radio Pacific
810 Auckland	BBC World Service ex 1476 [new]
828 Palmerston	North Radio Trackside/Radio Pacific ex The Breeze
954 Hamilton	Radio Trackside/Radio Pacific
1071 Ashburton	Radio Trackside/Radio Pacific
1206 Dunedin	Radio Trackside/Radio Pacific ex MORE FM

1242 Timaru	Radio Trackside/Radio Pacific [new]
1260 Christchurch	Radio Trackside/Radio Pacific ex The Breeze
1476 Auckland	Radio Trackside/Radio Pacific ex BBC
1485 Gisborne	Radio Trackside/Radio Pacific [new]
1548 Rotorua	Radio Trackside/Radio Pacific ex MORE FM

(2) Another heritage station dumped as Easy Listening i becomes VIVA FM. When private radio was reintroduced in 1970, Radio I [who had previously leased time on the NZBC's 1YD/1ZM in Auckland] was also granted a license on 1590 AM. The easy listening music station gradually evolved into 'Easy Listening i' and expanded as far south as Christchurch where it broadcast on 1593 AM until earlier this year when it flipped to Coast. Now, the remaining 'i' channels are dumped and a 35 year old slice of NZ's radio heritage is rebranded as VIVA FM with a female audience targeted easy listening music/magazine style format.

The new VIVA FM channels are Auckland 98.2, Tauranga 99.0, Rotorua 95.1 and Napier-Hastings 90.3. VIVA FM is owned by The Radio Network, a 50/50 Australian/US media venture. (David Ricquish, 10 April)

EUROPE, AFRICA, AND MIDDLE EAST

GERMANY: Overnight operation of Rohrdorf 666 kHz will cease as of June 1st. The exact s/on and s/off times are not determined yet. Freiburg 828 kHz and Baden-Baden 1485 kHz are already on air only Mon-Fri 0300-2100 and Sat/Sun 0500-2100 (one hour later in winter of course) anymore. Cf. <http://www.swr.de/frequenzen/hinweise/index.html>. Bernhard Weiskopf reports that the 711 kHz transmitter at Heidelberg, shut down in 2004, has already been demolished. Only the small transmitter building still exists (Kai Ludwig, Germany, May 19, DX LISTENING DIGEST)

HUNGARY: The 302m high mast of the 2000kW Solt transmitter on 540 kHz is being painted, this work will last some weeks. During the work, the transmitter is switched off and two other transmitters take over the transmissions on 540: Marcali 500kW and Lakihegy 150kW. (Bernd Trutenau-LTU, mwc 26 May)

IRAN: Since May 6th Iran has placed a bubble jammer on 1573kHz up against the high power R.Farda on 1575kHz which is heard hear at a semi local level obliterating the Aussie on the channel. (Chris Martin, mwoz, 7 May)

NETHERLANDS: The new BIG L Radio London is planning to launch on Saturday 14th May, 2005 from brand new studios in Frinton-on-Sea, Essex. A star studded launch is lined up including a visit by Sir Cliff Richard OBE who will officially open the new BIG L studios. Many other stars will be attending including The Cheeky Girls who have specially recorded a new version of "We Love the Pirate Stations" for the station. BIG L - RADIO LONDON presenters will include Mike Read, Michele Stephens, Randall Lee Rose and many others. An agreement has recently been reached to transmit on 1395 kHz as well as Sky digital channel 940. So keep a regular watch on this site for all the News and updates of The new BIG L RADIO LONDON. Remember... You'll hear it here first! (<http://www.bigl.co.uk/> via Rein Faber mwc 9 May)

Radio London 1395 noted back on here tonight 2045 UK time strong signal but with a heterodyne due to Albania being on the frequency with TWR programming though Radio London dominant. Tirana closed 2200 UK time and Radio London now strong and in the clear. They are also on Sky Channel 940 and at www.bigl.co.uk. (Mike Barraclough, mwc 16 May)

PORTUGAL: 29 years later, Rádio Clube Português is back on MW, on the same frequencies that it used back then: 1035 kHz (Porto Alto, near Lisbon) and 783 kHz (Canidelo, close to Oporto). The oddly called Rádio Nacional, which could be heard on these frequencies up until now, is now extinct. (Fernando de Sousa Ribeiro, HCDX 23 April)

SWEDEN: The very first broadcast station in Motala was built 1927 and came into service the same year on 227 KHz. The power was fascinating 30kW; in that time one of the strongest broadcast stations in Europe. But soon in the "broadcast race" in Europe, 30kW wasn't enough and in 1935 a new 150kW-transmitter is installed, even this time a transmitter from Marconi. Cost: 1.25 Million SEK (35 Million SEK January 2005). The old 30kW stands as a back-up if something would happen with the 150kW-transmitter. The plans in the 50's to replace this old and ineffective transmitter resulted in a complete new transmitter 15km SE of Motala. In the early 50's the chief master of Engineering at the Swedish Telecommunications Administration; Folke Standén, had developed an unique antenna system: An antenna system shaped as a circle with one central antenna in the middle of the circle and five antennas standing 630m from the central antenna. It would result in a better ground wave with antenna system even though it sent out a space wave with 45° angle but it shouldn't have any affection.

The old 150kW transmitter in central Motala forced staff day and night. The efficiency of the transmitter laid only on 22% and fading occurred already on a distance of 80km. With the new station the fading zone would be put out as far as approx 200km. Due to the situation in the world in the 50's - The Cold War - the transmitter hall was shaped as a bunker with 1.4m thick concrete walls with no windows. The central antenna stood beside the "bunker". The height of the antennas was 250m for the central antenna and 200m for the "circle antennas". This new broadcast station became equipped

with 2x300kW Compagine Français – Thomson Houston (CFTH) transmitters with an efficiency of 62%! These transmitters could be used single or double with a max output power of 600kW. Normally one transmitter would be used and the other in stand-by mode, ready to be taken in use if something would happen with the first transmitter. The hole inside of the bunker was lined with copper plates – just like Faraday's Cage. The big differ with this new station compared to the old one, except of the power etc. it was totally automatized and had a reserve power plant, a V8 diesel engine on 1100hp. In 1961 the whole station was ready to be put in service and the old 150kW in central Motala would be retired forever. H.R.H Prince Bertil inaugurated the station 8.th May 1962. Total cost: 15 million SEK (139 million SEK January 2005). The new station was in a question. Many wondered if it was necessary to build a new huge station when one could get several FM-transmitters for the same price. The spokesmen defended their arguments with many persons still only had receivers with long- and medium wave. But everything wasn't allright. Shortly after the transmitter was put into service, an East German station started up from East Berlin and laid just 6 KHz below Motala's frequency 191 KHz. This resulted in heavy interference but after a while SDDR/Stimme Der DDR shut down.

More problems were to come. In July 1970 during a thunderstorm, the lightning strikes the central antenna, shatters an isolator and cut off a stay resulting in the central antenna crashes right over the bunker - totally demolished. The roof on the bunker manages the crash with only astonishing light damage. Until a new feeder is connected to one of the circle antennas, the power is reduced to 100 kW. The central antenna was never rebuilt. When the oil crises hit the world in 1974 the power is temporary reduced to only 250kW. During the 70's and early 80's when most of the old AM-transmitters were shut down and scrapped, Motala was upgraded instead but the listeners continued to leave the long- and medium wave in favor of the more comfortable FM-mode. The maintaining and costs rose. The Government had already plans in 1980 to shut down Motala but after massive protests the station could live a few years more. To achieve the new purpose from SR the antenna system was rebuilt to a certain beam towards Copenhagen and Helsinki without increasing the reception in Oslo. It achieves with only two of five antennas.

A new kind of more effective modulation, processed sound, starts to be in use in 1983. The temperature of the modulation transformer lays nearly the alarm limit and more effective like this, it can't be. As a result of the wavelength plan in Geneva in 1979, the frequency changed to 189 in 1986. This was the beginning of the end for Motala. Soldiers from the army blasted three of the antennas in the winter 1987 while it still was cold and ground frost. Now the final shut down is at hand, the Swedish Telecom decided to make a study how many persons who really listened to the station.

In 1989 the result came – approx 200 listeners and in 1990 the reserve power plant crashed – a piston went right through the top block. Swedish Telecom asked for 3 million SEK to repair the reserve power plant and maintain the stays on two of the remaining antennas.

The Swedish Telecom didn't find any economy to continue broadcast on long wave with only 200 listeners. The congress and the government had no objections to draw back the money for maintain, 1.1 million SEK annual, and the date for the final shut down was decided to 30 Nov 1991.

With a special program the last hour ending with the Swedish national anthem, an almost 65 year long epoch was at end. Sadly the two remaining antennas were blasted in 1994 and in 1995. Still the bunker with two intact transmitter remains. Nowadays the bunker is owned by a private person and can be visited after reserving time via the broadcasting museum in central Motala, hosting in the old broadcasting station – right where it once started in 1927! Note the station could be listened in the Baltic Countries, Swedish speaking parts of Finland, Norway, Denmark, parts of Germany and halfway to the UK. (Christian Stödborg HCDX 14 April)

VATICAN CITY/ITALY: An Italian court found a Roman Catholic cardinal and a director of Vatican Radio guilty on Monday of polluting the atmosphere with powerful electromagnetic waves from a radio transmission station. Cardinal Roberto Tucci, who used to head the Vatican Radio's management committee, and the station's director general, Father Pasquale Borgomeo, were given 10-day suspended sentences and ordered to pay damages in the case, court officials said.

Both men have denied the charges and defense lawyers said they would appeal against the ruling. The case sprang from a medical report released in 2001 by a public health agency that showed unusually high numbers of people living near a forest of Vatican Radio antennas to the north of Rome who contracted or died from leukemia.

An initial trial was halted in 2002 after a judge ruled that Italian laws could not be applied to the Vatican Radio because its transmission centre was seen as a part of the Vatican City, which is an independent sovereign state. That decision was later overturned and Vatican Radio officials found themselves back in the dock.

"After so many delays and so much wasted time, today we have achieved an important success which underscores the need to protect people from the risk of 'electro-smog'," said Roberto Della Seta, chairman of environmental group Legambiente. Vatican Radio, which broadcasts news in some 40 languages, says it meets international transmission limits and has rejected the findings of a second, independent report that said its high capacity antennas might have caused the cancer surge.

"This verdict is clearly unjustifiable," Vatican Radio said in a statement. "We are hopeful that in the appeals stages, Italian justice will recognize that the broadcaster's management acted correctly," it added.

The judge on Monday ruled that a civil arbitration body should set the level of the damages. One consumer's group, Codacons, has already demanded 200.6 million euros (\$257.5 million) in damages and others are likely to join suit. (<http://www.alertnet.org/thenews/newsdesk/L0955030.htm> via Mike Terry HCDX 9 May)

IRCA TECHNICAL COLUMN

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

E-mail: nhp@ieee.org

Easter Aussie Hunt

by Steve Whitt

Introduction

It has always been a Holy Grail of European MW DXers to hear Australia or New Zealand. We know it is possible in Scandinavia so why not the UK? The biggest problem since the 1970s has been the fact that European and Antipodean stations co-exist on the same frequencies. However in recent years there has been an explosion of new stations on expanded AM band frequencies between 1620 and 1701kHz. There are now dozens of stations active but they are generally low power; 400W seems typical. Luckily these x-band channels are free of European interference – except for some pirates (more about them later).

That means the UK DXer needs good aerials & receivers, a quiet location, good propagation and, as we shall, see good timing.

Over the spring equinox I monitored 1620kHz extensively here in the UK, looking for the best opportunity for a signal from down under. In fact a piece of software called Spectrum Lab did the monitoring for me (see "MW Carrier Monitoring" by Mark Hattam in Volume 40 No.4 *DX Monitor* or IRCA reprint T081). I have to admit it is more sensitive than my ears are and much more patient than I am; waiting hours at a time listening to a weak heterodyne!

Why 1620kHz?

I chose the channel mainly because I saw signals of interest early on in my experiments. Discussion with other DXers showed that other channels such as 1701 and 1638 were interesting too. According to Bruce Portzer's excellent Pacific Asian Log there are 21 stations in Australia on 1620kHz. Two are marked as silent in 2004. With this many stations how is one supposed to know which signal is which? As you'll see, some detective work can make the difference.

Time out

The time signals from Australia will fade out is related to the time of sunrise at the transmitter and this fact is a strong indicator as to the location of the transmitter. Fortunately all the transmitters are listed as 400W so the analysis of fade out time won't be distorted too much by power differences. At 25th March the sunrise times were as follows in this chart:

When calculating times in Australia a word of caution is in order.

The use of Daylight Saving Time is not universal and the clocks went back in Australia at Easter and went forward in Europe.

Prints of Darkness

For reception of Australia a radio path of full darkness is going to be a pre-requisite, though as you'll see it is possible to detect ultra weak signals long before darkness falls in the UK and after the sunrises in Australia. However if one stands any chance of hearing audio one must be familiar with the nighttime footprint on the earth's surface. For that I recommend software such as Geoclock or the manual slide-rule DX Edge.

In Figure 1 (1830UTC on March 25th) sunset is happening at York, England and there is a path of darkness to everywhere in Australia. At this time all the signals should increase in strength at roughly the same time.



Figure 1



Figure 2

However 80 minutes later the earth has rotated so that the sun is rising in Brisbane (Fig 2). Then (Fig 3) at 2230UTC the darkness footprint is particularly interesting because it shows the West coast of Australia (Perth & Geraldton) just after sunrise. Simultaneously it shows sunset approaching in Christiansted in the US Virgin Islands and of course WDHP occupies 1620kHz.



Figure 3

Propagation

Although the maps above show that a path of darkness exists between the UK and Australia for several hours, experience suggests that the strongest signals will occur when the ionosphere is going through the day/night transition. So we need to check out the period around UK dusk and Australian dawn.

At UK dusk many signals will be simultaneously enhanced and if signals get strong enough for audio to appear one will probably hear a cacophony of signals. In contrast, enhancement at Australian dawn should selectively enhance different stations at different times so there is a better chance of hearing individual stations.

To hear any audio at all we need a fair bit of luck with the state of ionosphere. Since signals are travelling virtually half way around the world and localised ionospheric disturbance stands a good

chance of affecting these signals. Observation using Spectrum Lab reveals various effects including Doppler frequency shifting due to movement of the reflecting layers of the ionosphere. Signal splitting is also evident; this is where one signal appears to split into two traces on different frequencies – probably a Doppler shift effect combined with multi-path propagation through the ionosphere. Sometimes it's difficult to tell if one is observing an unstable transmitter or Doppler frequency shift. Oh and don't forget that conditions change from hour to hour & day to day. Monitoring on 26th March was entirely different to the previous 2 days.

Transmitter Fingerprints

Mark Hattam's article introduces the subject of fingerprinting transmitters by their precise transmitted frequency, their drift pattern or other unusual modulation characteristics. Fortunately it seems that the transmitters used by x-band Aussies are stable, so measuring the frequency is quite a good fingerprint by which one can identify a transmitter. Luckily the transmitters are not all tuned precisely to 1620.000kHz and the differences in frequencies build up an interesting spectral picture. I have not yet observed any unusual drift patterns or other unique modulation signatures.

Double Trouble

One problem with searching for ultra-weak signals in the x-band is that you might stumble across harmonics from transmitters operating on normal MW channels. For example the second harmonic of BBC R Scotland [810kHz] will be 1620kHz.

Harmonics might be generated at the transmitter or in your receiver. If they are in your receiver you will most likely be receiving a strong local MW station. To check whether a signal shown by Spectrum Lab is a local harmonic check around midday to see what traces are present – you should ideally see nothing. To check whether a harmonic is generated inside your receiver you should attenuate the signal reaching your receiver. If you have an input attenuator use it. When you attenuate the signal by (say) 10dB a genuine signal will fall by 10dB, but a spurious signal created inside the receiver will fall by 20 or 30dB depending upon the mechanism by which it is generated.

Equinox Observations

Spectrum Lab is a fantastic piece of software but the images it produces need some careful interpretation. The "waterfall" diagrams, Figures 4, 5 and 6, show time on the vertical axis and frequency across the horizontal axis. In this configuration the frequencies range from 970Hz to 1030Hz. 1000Hz in the centre represents a transmitter frequency of 1620.000kHz.

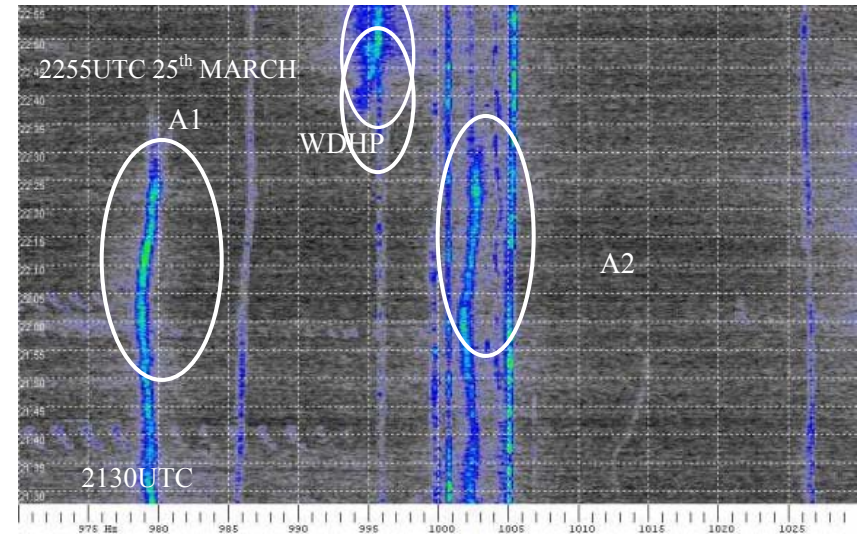


Figure 4

Figure 4 shows two signals A1 [1619.979kHz] and A2 [1620.002kHz] suspected of being from Western Australia peaking at around 2210UTC before rapidly fading out by 2230UTC. Then 15 minutes later WDHP [1619.996kHz] fades in rapidly, then peaking. This diagram corresponds with Figure 3 above. Both traces A1 and A2 show the trace briefly bending to the left (lower frequency) in the overlaid ellipse. This is Doppler shift causing the frequency to shift down by about 1Hz.

On the 24th March (Figure 5) the boost in signals was much more pronounced before fade down and the Doppler shift was positive rather than negative. And WDHP was not as prominent. In fact signal A1 peaked by at least 16dB for a 10 minute period, but not enough for audio when I checked at 2225 (that shows as a brief gap in all the traces marked with an asterix).

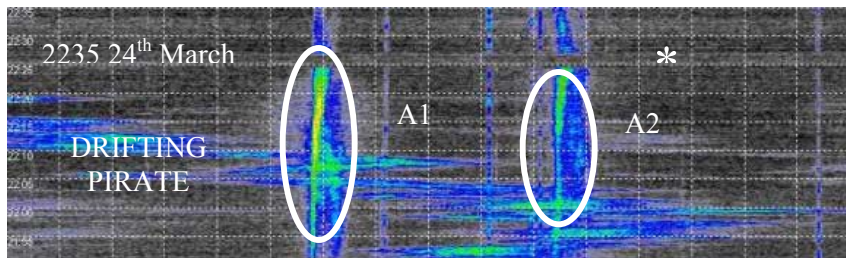


Figure 5

From the fade out time I infer that these signals are likely to be in Western Australia. Also only two of the many stations listed on 1620kHz are in Western Australia. Additional evidence would be local corroboration of the frequencies made by someone living in Western Australia. However the only true proof would be detectable audio and hearing an ID.

Now what about other signals? Let's examine what happens at UK sunset. Figure 6 below shows the display between 1730-1900 UTC on 24th March.

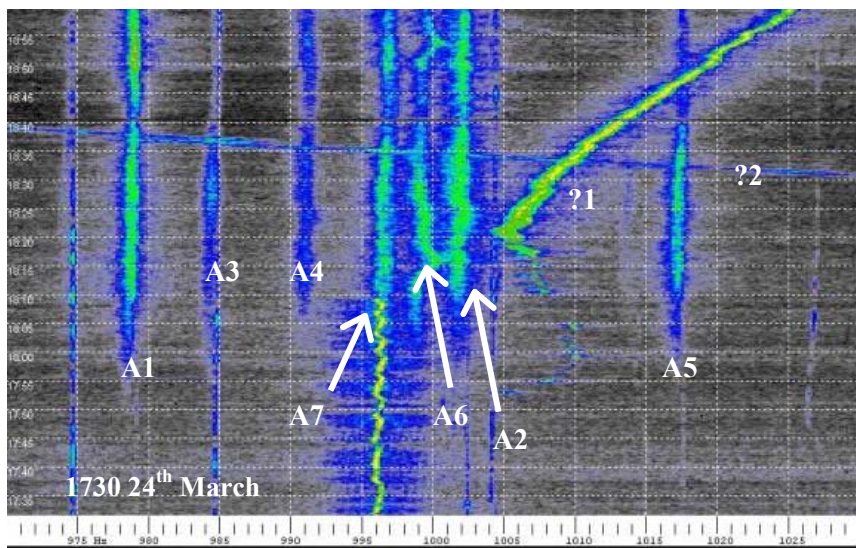


Figure 6

There are 7 signals all fading in and being enhanced pretty much all at the same time. This unfortunately gives no clues as to the identity of each signal. The mystery signals ?1 and ?2 are probably pirates in the Mediterranean area.

Signing off

Advice from Australian DXers states that the x-band stations are all 24/7 operation. However observations revealed two signals signing off. One signed off at 1558UTC and the other at 1902UTC. It is just possible that the former was an Aussie station signing off at 2 am local time. But in reality I doubt that either of these was from down-under. So what were these two? Unlisted stations? Or 2nd harmonics of high power transmitters on 810kHz in China, India or Russia?

Summary

I identified 13 unique signals in two nights of observation. I believe that the majority were from Australia based upon observation of fade in and fade out times. Also analysing the fade out time suggests the possible location of the transmitter.

name	Hz	Fade in UTC	Sign-on	Sign-off	Fade out UTC	strength max dB	Pk time UTC
	974.6	1547		1902		-32	1820
A1	979.0	1655			2235	-22.5	1852
	982.6	1510		15:58:26		-35	1557
A3	984.6	1607			Not sure	-34	1827

name	Hz	Fade in UTC	Sign-on	Sign-off	Fade out UTC	strength max dB	Pk time UTC
A4	991	1807			1950	-44.8	1852
	995.6	1912					
A7	996.77	1645			2020	-28.3	1827
A6	999	1805			1935		
	1000.6	1700					
A2	1002.2	1800			2230		
	1003.7	1601					
A5	1017.5	1705			2032	-29.2	1830
	1026.3	1630			Not <2300		
WDHP	996	2235					

Examining the fade out times makes me suspect the following transmitter locations:

name	Hz	Fade in UTC	Fade out UTC	Possible location
A6	999	1805	1935	East coast: Gold Coast or Brisbane
A4	991	1807	1950	Bit further west, Victoria/NSW??
A7	996.77	1645	2020	Maybe Cairns?
A5	1017.5	1705	2032	Perhaps Adelaide
A2	1002.2	1800	2230	Almost certainly Perth or Geraldton WA
A1	979.0	1655	2235	Almost certainly Perth or Geraldton WA

Do it yourself

If you want to try this at home all you need is a good DX receiver and antenna and a computer. The software, Spectrum Lab, is free and can be quickly downloaded from the Internet. Then it is really helpful to swap notes with other DXers both in Europe and Australia. Mauno Ritola has recently set up an on-line group that specialises in frequency measurement [mwoffsets@yahoo.com]. Thanks also to Paul Crankshaw, Mauno Ritola, Tony Mann and Tony Magon for valuable discussion during this research.

Postscript

Tony Mann in Perth, Western Australia, reports some local frequency measurements as follows. He observes the local station in Perth on 1619.977kHz and another within a few hundred miles on 1620.00kHz. Both readings are within 2Hz of my readings and more importantly both Tony & I measure the frequency difference between the two signals as 23Hz. Thus I am confident that Trace A1 is from Perth WA and Trace A2 is from Geraldton WA. Still no audio though ☺

(The above article was originally published in Medium Wave News, the bulletin of the Medium Wave Circle, and is used by permission of the author)

HEARING IT THROUGH THE GRAPEVINE

Raymond Bauernhuber – 151-64 18th Ave – Whitestone NY 11357-3102
E-mail: DXRADIO@Webtv.net

Greetings fellow IRCAN's and welcome to another edition of "Hearing It Through The Grapevine." This one features 1580 kHz and the State of Idaho. Let's see what our members have heard recently and over the years.

HAPPY INDEPENDENCE DAY!!!

Doug Pifer, 3410 Marion St. SE, Albany, OR 97322, Drake R8B, Kiwa Loop

Featured Frequency of 1580 kHz:

- KGAL OR Lebanon "Talk Of The Valley". Local station.
- KVVY CA Merced as Classic Country. Now KTIQ 1660.
- KBLA CA Santa Monica Spanish R. Unica.
- KMIK AZ Tempe Radio Disney.

Featured State of Idaho:

- 580 KIDO Nampa "News Radio 580" ex KFXD.
- 590 KID Idaho Falls News "590 KID".
- 620 KWAL Wallace Country Music "Silver Dollar Radio".
- 630 KFXD Boise "Classic Country AM 580" ex KIDO.

670	KBOI Boise "News-Talk 670".	1140	KGEM Boise/Nampa "K-GEM Original Hits".
730	KBSU Boise "Boise State Radio". Jazz, NPR etc.	1260	KWEI Weiser "The Spanish Station".
890	KDJQ Meridian Oldies. New station.	1270	KTFI Twin Falls "Rock and Roll Gold".
930	KSEI Pocatello Sporting News Radio. "The Sports & News Station".	1300	KLER Orofino "U.S. Country 13".
970	KFTA Rupert Spanish music. "La Fantastica la Zeta".	1310	KLIX Twin Falls "News Radio". AG Report.
980	KUPI Ammon "Country Cupie 98". "99 the King of The Country".	1350	KTIK Nampa ESPN "The Ticket".
1060	KBGN Caldwell Religious. "Praise Sounds, The Voice of Praise".	1400	KART Jerome "Pure/ Real Country". "14-00 AM Kart".
1080	KVNI Couer D'Alene Oldies. "The Mighty 10-80".	1480	KRXR Gooding "Radio Fiesta la 1480". PEST! [who? ME Doug? hi]
		1490	KCID Caldwell Oldies. "Star 107.1".
		1620	KBLI Blackfoot Spanish.

=====

Mike Hardester, Jacksonville, NC. (34.47 N — 77.23 W), ICOM R-70 - 2 x 75 foot random wires, Quantum Phaser and Patience

Next set of contributions for the Grapevine: 1580 kHz and Idaho. I want to thank you for resurrecting the GRAPEVINE. I've been going back through EVERYTHING I can find regarding my loggings from 1968 to present. Original log books are history - lost in a military move, though I had transcribed all info (I HOPE) onto 3x5 cards by that time....as in, pre-computer era. Thank you for doing the column! [You and everyone are very welcome Mike]

kHz Call Letters/Name City State/Prov Country YYYY-MM-DD Local Time QSL? My QTH City and State or Wherever

Featured frequency of 1580 kHz:

1580 KWIP Merced CA USA 1969-02-26 0918 PLT V/L CA Modesto
 1580 KDAY Santa Monica CA USA 1968-11-03 0222 PLT V/L CA Modesto
 1580 WSRF Fort Lauderdale FL USA 1982-12-12 1852 ELT Not Reported NC Havelock
 1580 WTKT Georgetown KY USA 1991-12-31 1616 CLT Not Reported NC Jacksonville
 1580 KLOU Lake Charles LA USA 1972-03-27 0506 CLT V/Q CA Modesto
 1580 WPGC Morningside MD USA 1996-06-21 0700 ELT Not Reported NC Jacksonville
 1580 WZKY Albemarle NC USA 1996-00-00 Night Not Reported NC Jacksonville
 1580 WJIK Camp Lejeune NC USA 1989-08-12 Local Not Reported NC Jacksonville
 1580 WVOF Camp Lejeune NC USA 1989-10-16 Call Letter Change Not Reported NC Jacksonville
 1580 WCTJ Camp Lejeune NC USA 1996-04-17 Call Letter Change Not Reported NC Jacksonville
 1580 WWJV Camp Lejeune NC USA 1998-12-01 Call Letter Change Not Reported NC Jacksonville
 1580 WSMO Camp Lejeune NC USA 1999-10-19 Call Letter Change Not Reported NC Jacksonville
 1580 WDAB Travelers Rest SC USA 1996-00-00 Day/Night Not Reported NC Jacksonville
 1580 Voice of America Relay ??? ANTIGUA 1982-12-12 2352 UTC V/Q NC Havelock
 1580 Far East Network Iwakuni, JAPAN 1977-04-16 1300 UTC V/Q Okinawa Naha Air Base
 1580 Far East Network Tokyo, JAPAN 1977-01-31 1222 UTC V/Q Okinawa Naha Air Base
 1580 R. Thailand Ban Pachi, THAILAND 1977-04-16 1300 UTC Rptd - No reply Okinawa Naha Air Base
 1580 Voice of America Relay Ban Pachi, THAILAND 1977-04-16 1256 UTC V/Q Okinawa Naha Air Base

Featured State of Idaho:

580 KFXD Nampa ID USA 1969-09-15 0237 ELT V/F CA Modesto DX TEST
 590 KID Idaho Falls ID USA 1970-11-09 0540 MST V/L CA Modesto
 630 KIDO Boise ID USA 1971-04-05 0248 MST V/Q CA Modesto
 670 KBOI Boise ID USA 1968-10-25 0813 MLT V/L CA Modesto Daytime on car radio
 740 KYME Boise ID USA 1976-10-25 0105 MLT V/L CA Modesto DX TEST
 790 KSPD Boise ID USA 1971-12-27 1611 MLT Not Reported CA Modesto
 930 KSEI Pocatello ID USA 1969-07-16 2230 MLT V/Q CA Modesto
 1140 KGEM Boise ID USA 1971-04-05 1746 MLT V/Q CA Modesto
 1270 KTFI Twin Falls ID USA 1969-08-29 0512 MLT V/Q CA Modesto
 1270 KTLK Twin Falls ID USA 1979-07-09 0459 MLT V/L CA San Diego
 1310 KLIX Twin Falls ID USA 1969-12-22 0106 PLT V/F CA Modesto DX TEST
 1340 KSKI Hailey ID USA 1969-10-20 0202 MDT V/L CA Modesto DX TEST
 1400 KRPL Moscow ID USA 1970-11-23 0119 MLT V/L CA Modesto

=====

Martin Foltz, Mission Viejo CA, Hammarlund HQ-180A & Collins 51J-2, 1 foot air core loop

Not much to brag about here; KNIX, KBOI & KBLI are verified. 1580 back in Michigan in the 1970's was a lot better when most stations signed off. You could listen to sign offs every 15 minutes across the Midwest for a few hours in the winter.

Featured frequency of 1580 kHz:

KNIX/KMIK Tempe AZ KDAY/KBLA Santa Monica CA

Featured State of Idaho:

670 KBOI Boise 1620 KBLI Blackfoot

=====

Dennis Vroom, Vancouver WA, JRC NRD 545 Palstar MW550P HQ 180 5' loop, CC Radio w/EW wire 50'

Feature Frequency of 1580 kHz:

KDAY Santa Monica, CA 1968 (CA) KMIK Tempe, AZ Radio Disney 2005 (WA)
 XEDM Hermosillo, Mexico 1968 (CA) KGAL Lebanon, OR over/under KMIK 2004 (WA)
 KTUF Tempe, AZ 1968 (CA)

Featured State of Idaho:

580	KIDO Boise dominants nights 2004 (CA)	930	KSEI Pocatello 2005 (WA)
630	KFXT Boise 2004 (WA)	940	KBOI Boise 1968 (CA)
670	KBOI Boise QSL from week of first sign - on. Received Sony AM/FM transistor radio for writing to KBOI 1968 (CA)	1060	KBGN Caldwell 2004 (WA)
		1140	KGEM Boise 2005 (WA)
		1310	KLIX Twin Falls 2005 (WA)
		1350	KRLC Lewiston 1968 (CA)
730	KBSU Boise 2004 (WA)	1350	KTIK Nampa 2004 (WA)
890	KDJQ Meridian 2005 (WA)	1480	KRXR Gooding w/local KMBS nulled on loop 2004 (WA)

Dale Park, Honolulu HI

Featured frequency of 1580 kHz: from Honolulu

KBLA-CA Santa Monica Dominant at night
 KMIK-AZ Tempe - Occasionally underneath KBLA

Featured State of Idaho: from Honolulu

670 KBOI Occasionally underneath KPUA-HI

Thanks to everyone for these great reports!

For the next issue of the 'Grapevine' let's see what's been heard on 570 kHz and in the State of Florida, which was 1st settled in 1565 and was admitted to the Union on March 3, 1845. Their State bird is the Mockingbird and their State flower is the Orange Blossom. The 'popular' names for Florida are "Sunshine State" or "Peninsula State."

The deadline for this will be Saturday, July 16th at 1500 hours EST for Vol. 42, No. 30a. This is a SDXM issue of the 'Monitor'. Until then be well my friends and, 73 de DX de NY, Ray

WEBSITE WANDERINGS

Raymond Bauernhuber – 151-64 18th Ave – Whitestone NY 11357-3102

E-mail: DXRADIO@Webtv.net

Hi everyone and welcome to another edition of "Website Wanderings." If anyone comes across a radio related website kindly forward it to me at: DXRADIO@webtv.net. ~ I will be most grateful.

Please remember to access IRCA's excellent website at: <http://www.ircaonline.org/irca1.htm>.

This edition of 'Website Wanderings' features 3 websites that will offer fascinating reading for everyone; the BCB fan and the SW enthusiast as well.

Here's what I found for this issue of the 'Monitor':

1. <http://www.v-soft.com/ZipSignal/default.htm>

Just punch in a zip code and find the AM & FM field signal strengths in that area. Thanks go to Phil Bytheway for this website.

2. <http://www.radioworks.com/nindex.html>

'Jim's Notebook' all about antennas.

3. <http://members.lycos.co.uk/chrisbrand1977/id58.htm>

DRM or Digital Radio Mondial - just what IS digital radio and how does it work? This website will help you to understand it.

This edition of 'Website Wanderings' features 5 websites that will offer fascinating reading for everyone. Here's what I found for this issue of the 'Monitor':

1. <http://www.marexmg.org/index.htm>

Amateur radio satellite experiments on board the International Space Station (ISS).

2. <http://www.amfmdx.net/>

A good site for the AM and FM DX'ers resources including TIS and the FCC page. A lot of great links here that should help just about everyone.

3. <http://www.holidays.net/independence/story.htm>

All about Independence Day ~ July 4, 1776!

http://www.archives.gov/national_archives_experience/charters/declaration.html

The Declaration of Independence

I realize the holiday is just past but this Monitor happens to fall a bit off of the 4th of July. No reason not to review some our history of independence - so read up and enjoy our heritage and history!

4. <http://members.lycos.co.uk/chrisbrand1977/id37.htm>

Chris Brand's DX, International page feature's an awful lot of articles etc. to keep all our member's busy for a bit.

5. <http://members.lycos.co.uk/chrisbrand1977/id70.htm>

Some pictures of the famous (or infamous) Radio Caroline ship.

And that wraps up this edition of the 'Wanderings'. Although IRCA is dedicated to BCB listening and DXing, I know there are quite a few members that enjoy all of the radio genres. Therefore I will mix up my 'Wanderings' to explore the various paths we take in our wonderful hobby.

"Here, outside in the night air, all was quiet. Silence... and yet one felt the mystery of these invisible waves, the miracle of the hidden voices, sweeping out through the night." ~ Journalist Leslie Baily - 1925

I hope everyone had a fun and safe celebration of Independence Day and enjoys this issue's sites as much as I did discovering them.

Until our next get together I bid you all good health and good DX until the next issue of the 'Monitor' and say: "73 de DX de NY" ~ Ray

2004-2005 DX CONTESTS

Manager: Nancy Johnson – 265 Waterton Wy – Billings, MT 59102-7755

E-mail: NancyJohnson@prodigy.net

June 15, 2005 final standings

1. Michael Hawkins	466	7. John Tudenham	151
2. Bill Nittler	336	8. Nigel Pimblett	96
3. Paul Swearingen	286	9. Bill Block	52
4. Doug Pifer	260	10. John C. Johnson	9
5. Nancy Johnson*	247	11. Mike Sanburn	5
6. David Braun	154		

*Contest manager is not eligible to win.

Congratulations to our contest winner **Michael Hawkins!**

If you have any ideas for the 2005-2006 IRCA contest be sure to let me know.

VERIFICATION SIGNERS

Stephen S. Howe – 9 Warner Drive – St. Albans, VT 05478-1575

E-mail: showe@csc.albany.edu

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

CONTRIBUTORS

MF **Martin Foltz**, 25102 Pradera Dr, Mission Viejo CA 92691; martinfoltz@cox.net

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

JP **Jim Pogue**, P O Box 3777, Memphis TN 38173; jpogue@midssouth.rr.com

FREQ CALL NAME, TITLE; ADDRESS; WHAT; WHEN; WHO

630 WMAL David Sproul, CE; 440 Jenifer St NW, #400, Washington DC 20015-2183; L; 11; JP
640 WWJZ Christina Lanids, Promotions Dir; 500 Office Center Dr, Suite 330, Fort Washington PA 19034; L; 48; JP
660 WFAN [Unsigned]; 34-12 36th Street, Astoria NY 11106; L; 18; JP
740 CHWO Ontario DX Assoc, 155 Main St N, Apt 313, Newmarket ON L3Y 8C2; Q; 50; JP
870 KSKO Timothy A Terrell, NewsDir, and Walt Gregg, GM; P O Box 70, McGrath AK 99627; L; 11; PM
920 WGKA Jeff Carter, OpsMgr; 2970 Peachtree Rd NW, Suite 700, Atlanta GA 30305; copy of program log with verie statement; 6; JP
920 WBAA David Bunte, PD; 712 Third St, West Lafayette IN 47907-2005; L; 9; JP
970 WGTK Charles R Strickland [K4UME]; 9960 Corporate Campus Dr, Suite 3600, Louisville KY 40223; L; 4; JP
1100 WTAM Cheryl Z, Regional Programming Coord; 6200 Oak Tree Blvd, 4th Floor, Independence OH 44131-2510; L; 10; JP
1110 KDIS Mike Worrall, AsstCE; 3321 South La Cienega Blvd, Los Angeles CA 90016; L++; 9; MF
1150 WIMA Mark D Gierhart, DirEng; 667 W Market St, P O Box 1128, Lima OH 45802-1128; cfb+; 66; PM
1310 KXAM Jeffery O'Brien, OpsMgr; 4725 N Scottsdale Rd, Suite #234, Scottsdale AZ 85251; P; 109f; MF
1330 KLBO "J B;," 1706 East Sealy Ave, Monahans TX 79756; B+; 8; PM
1420 WRCG [Illegible]; 1353 13th Ave, Columbus GA 31901; P; 9ff; PM
1520 KOKC Dee Garrison; Renda Broadcasting, 400 East Britton Rd, Oklahoma City OK 73114-7507; LQB+; 9; PM
1550 KRPI Andrew J Struiksma, ChiefOp; P O Box 3213, Ferndale WA 98248; L; 24; PM
1580 WLIJ Nadine A Hopkins, P O Box 7, 236 Woodland Dr, Shelbyville TN 37162; L; 6; JP
1600 KOPT G Randy Larson, CE; 895 Country Club Rd, Suite A-200, Eugene OR 97401; L+; 18; PM
1630 KKGK Jack Davis, PD; 5787 South Hampton Rd, Suite 108, Dallas TX 75232; L; 14; JP
1630 KKWY* [Illegible]; 110 E 17th St., #205, Cheyenne WY 82001; LB; 89f; MF
1630 XEUT Ángel Norzagaray Norzagaray, Secretario de Rectoría e Imagen Institucional, and Patricia Avilés Muñoz, Jefa de Sistema Universitario de Radio; Sistema Universitario de Radio, 233 Paulin Ave, Calexico CA 92231; cfb+++; 175; MF
1650 KWHN Gary Elmore, PD; 311 Lexington Ave, Ft Smith AR 72901; L; 15; JP
1660 WQSN Geary S Morrill, 4200 West Main, Kalamazoo MI 49006; Q; 8; JP
1670 WMWR Richard W Hamilton, Transmitter Eng; 7080 Industrial Hwy, Macon GA 31216; Q; 32; JP
1680 WDSS [Unsigned]; 4417 Broadmoor SE, Grand Rapids MI 49512; F; 10; JP
1690 WRLL [Unsigned]; Real Oldies 1690, 233 N Michigan Ave, Suite 2800, Chicago IL 60601; Q; 365f; JP
1700 KKLf Hubert R Beavers; 3500 Maple Ave, Suite 1600, Dallas TX 75219; cf; 17; JP

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] = Letter from KKWY-1630 only said "Thank you for your letter..." so Martin is not counting this as a verification

A big welcome to the column to Jim! Report often. Patrick's verie from WIMA-1150 was his 2900th MW verification! Congratulations, Patrick! This column was prepared on 6/27/05. 73, SSH.

SPORTS ON RADIO

Compiled by: **O Howit Hertz**

E-mail: artngwen@calweb.com

ARIZONA STATE UNIVERSITY SUN DEVILS

620 KTAR Phoenix, AZ (Flagship Station) *
660 KTNN Window Rock, AZ
780 KAZM Sedona, AZ
860 KMVP Phoenix, AZ (Flagship Station)
980 KNTR Lake Havasu City, AZ *
1060 KDUS Tempe, AZ (Flagship Station)
1230 KIKO Miami, AZ
1330 KJLL South Tucson, AZ *

1400 KRVZ Springerville, AZ
1490 KYCA Prescott, AZ
92.5 KTHQ Eagar, AZ
96.5 KDAP Douglas, AZ *
* These stations do not carry men's basketball games.

AUBURN TIGERS FOOTBALL

570 WAAX Gadsden, AL
630 WJDB Thomasville, AL
680 WCNN North Atlanta, GA
690 WYSF Birmingham, AL
740 WMSP Montgomery, AL
770 WVNN Athens, AL
950 WHSY Hattiesburg, MS
970 WTBF Troy, AL
980 WKLF Clanton, AL
990 WEIS Centre, AL
1060 WKNG Tallapoosa, GA
1220 WABF Fairhope, AL
1240 WULA Eufaula, AL
1250 WHNY McComb, MS
1250 WZOB Fort Payne, AL
1310 WHEP Foley, AL
1330 WZCT Scottsboro, AL
1390 WHMA Anniston, AL
1410 WLAQ Rome, GA
1430 WLTV Panama City, FL
1450 WTKI Huntsville, AL
1490 WHBB Selma, AL
1530 WASC Spartanburg, SC
1570 WCRL Oneonta, AL

92.1 WKUL Cullman, AL
92.3 WLWI Montgomery, AL
92.7 WJBB Haleyville, AL
93.7 WRJM Geneva, AL
94.3 WQZX Greenville, AL
94.5 WHOD Jackson, AL (?)
94.5 WYSF Birmingham, AL
95.3 WFFN Cordova, AL
95.5 WJDB Thomasville, AL
95.9 WTWX Guntersville, AL
97.5 WZLM Talladega, AL
97.7 WEZC Clanton, AL
97.7 WKKR Auburn, AL (Flagship Station)
97.7 WKLD Oneonta, AL
100.1 WDXX Selma, AL
102.3 WELR Roanoke, AL
102.9 WNPT Linden, AL
102.9 WVRK Columbus, GA
103.7 WAAO Andalusia, AL
105.1 WPFL Century, FL
105.5 WNSP Bay Minette, AL
105.7 WCSN Gulf Shores, AL
106.3 WBTG Sheffield, AL
106.5 WZNJ Demopolis, AL

BAYLOR UNIVERSITY

820 WBAP Fort Worth, TX
940 KIXZ Amarillo, TX
1470 KYYW Abilene, TX
1490 KBST Big Spring, TX
1510 KAGC Bryan, TX
1660 KRZI Waco, TX (Flagship station)

92.7 KJAK Slaton, TX
92.9 KLRK Marlin, TX (Flagship station)
100.1 KYBI Lufkin, TX
102.9 KLJT Jacksonville, TX

Publishing schedule for Volume 43.

SDXM/HDXM deadlines are MONDAY midnight PLT. Mastheads SATURDAYS.

			Deadline	Masthead	
1353	V43 #1	DXM	8/29/05	9/ 3/05	
1354	V43 #2	DXM	9/12	9/17	
1355	V43 #3	DXM	9/26	10/ 1	First Weekly
1356	V43 #4	DXM	10/ 3	10/ 8	
1357	V43 #5	DXM	10/10	10/15	
1358	V43 #6	DXM	10/17	10/22	
1359	V43 #7	DXM	10/24	10/29	
1360	V43 #8	DXM	10/31	11/ 5	
1361	V43 #9	DXM	11/ 7	11/12	
1362	V43 #10	DXM	11/14	11/19	
1363	V43 #11	DXM	11/21	11/26	
1364	V43 #12	DXM	11/28	12/ 3	

1365	V43 #13	DXM	12/ 5	12/10	
1366	V43 #14	DXM	12/12	12/17	
1367s	V43 #15s	SDXM	12/19	12/24	SDXM only
1367	V43 #15	DXM	12/26/05	12/31/05	Double issue #1
1368	V43 #16	DXM	1/ 2/06	1/ 7/06	
1369	V43 #17	DXM	1/ 9	1/14	
1370	V43 #18	DXM	1/16	1/21	
1371	V43 #19	DXM	1/23	1/28	
1372	V43 #20	DXM	1/30	2/ 4	
1373	V43 #21	DXM	2/ 6	2/11	
1374	V43 #22	DXM	2/13	2/18	Last Weekly
1375	V43 #23	DXM	2/27	3/ 4	First Bi-Weekly
1376	V43 #24	DXM	3/13	3/18	Anniversary
1377	V43 #25	DXM	3/27	4/ 1	TVA/RHA voting – April Fools
1378	V43 #26	DXM	4/10	4/15	Last Bi-Weekly
1379s	V43 #27s	SDXM	4/24	4/29	SDXM only
1379	V43 #27	DXM	5/ 8	5/13	Double issue #2
1380s	V43 #28s	SDXM	5/22	5/27	SDXM only
1380	V43 #28	DXM	6/ 5	6/10	Double issue #3
1381s	V43 #29s	SDXM	6/19	6/24	SDXM only
1381	V43 #29	DXM	7/ 3	7/ 8	Double issue #4
1382s	V43 #30s	SDXM	7/17	7/22	SDXM only
1382	V43 #30	DXM	7/31/06	8/ 5/06	Double issue #5
1383	V44 #1	DXM	8/28/06	9/ 2/06	

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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Australia/NZ/Japan (group 4)	\$10	\$51	\$56
Rest of world (group 5)	\$10	\$48	\$53

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