



DX MONITOR

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International Radio Club of America

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Welcome to Volume 54 of IRCA's "DX Monitor". Also, no contributions for the **Verification Signers** column this month, next month's deadline is **8/29 1500 ELT: Stephen S Howe** – 9 Warner Dr – Saint Albans VT 05478-1575, E-mail: showe@albany.edu. #2 Seattle "DX Monitor" deadline **Monday 8/29 6 PM PLT**.

NRC AM Radio Log

The NRC is now taking orders for the 37th edition of the **AM Radio Log**. The log will ship to the USA via Priority Mail... Canada and overseas shipping is still Global Priority Mail. Prices are as follows:

USA, NRC and IRCA Members – \$26.95, Non-Members – \$30.95. Canada – US \$39.25, Overseas – US \$49.95.
Paypal orders accepted at <http://www.nrcdxas.org>. Check or Money order USA Funds Only.

NRC, PO Box 473251, Aurora CO 80047-3251

Wayne Heinen, Editor AM Radio Log

Madison-Milwaukee DX GTG

The 23rd annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday August 20 from 1:00 to 9:30 PM CDT. This year's location is Madison WI and your hosts are Bill Dvorak and Mark Taylor. For only the third time in get-together history the venue is a park, this time beautiful and spacious Lake Farm County Park, 4330 Libby Road Madison WI 53711. For further information please e-mail Bill at dixerak@gmail.com or Mark at markokpik@gmail.com (please include "Madison DX Get-together" in the subject line).

To get a taste of last year's event hosted by IRCAer Tim Noonan in Oak Creek WI, let us direct you to GTG attendee Dave Legler's Flickr photo album of it and see how many IRCA members you recognize: https://www.flickr.com/photos/dave_legler/sets/72157659027189280.

Participation by IRCA members is strong every year for this event and this year should be no exception. We hope you can join us! See you on August 20! (**Tim Noonan**)

2016 IRCA-NRC-WTFDA-DecalcoMania CONVENTION

The IRCA will join the members of the NRC, WTFDA, and DecalcoMania on September 9-11 2016 in Kansas City MO and other DXers in AM, FM or TV. It will be held at the Hyatt Place Kansas City Airport, 7600 NW 97th Terrace.

HOTEL REGISTRATION: 1-816-891-0871x3. Ask for the Group Rate for the National Radio Club. The group code is: G-NRCC. Reservations will need to be secured by 8/18/16. <http://kansascityairport.place.hyatt.com/en/hotel/home.html?comp>. Rates are \$99.00 per night for 1 to 3 persons per room plus taxes and fees. Plan to arrive on Thursday for 3 nights and ends on Sunday noon. Free airport transfers and breakfast each morning.

Convention registration: \$55 per person which includes a free Friday evening pizza party and Saturday evening banquet. Checks made payable to NATIONAL RADIO CLUB and sent to ERNEST J WESOLOWSKI, 13312 Westwood Lane, Omaha NE 68144-3543. Please mention which clubs you belong to for club treasury info. **Dale Hamm** W5LN and **Ernie** are your hosts. 73's neerniew@yahoo.com.

Ernie Wesolowski is now accepting items for the convention auction, send to the above address.

After this Thursday, the Hyatt Place Airport Hotel in Kansas City will no longer guarantee rooms and the reduced rate for our gathering.

A tour of WDAF-TV-4, KCMO-710 and WHB-810 plus the Truman Presidential Library and Museum are planned. **Dan Verbeck** will be the speaker at the Saturday night banquet. Maybe even a Chief's Football Game on Sunday afternoon. See you in Kansas City MO!!



IRCA PRESIDENT – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334

E-mail: phil_tekno@yahoo.com

2017 CONVENTION BID

It's that time again. Anyone thinking about hosting an IRCA (or combined) convention in 2017, contact me at the address above. The deadline for bids is October 15th 2016.

Brandon Jordan has resigned as **DX Test – Broadcast Tests Coordinator**. If interested, please contact me right away.

In addition, we are still looking for a volunteer to take over the duties of **DX Monitor** Editor-in-Chief.

We discontinued the printed bulletin some time ago due to a lack of volunteer for Publisher. However, if someone is now willing to step forward as Publisher, I see no reason why we cannot resume putting out a printed bulletin as well as our email version. Duties would involve getting the .pdf to a local printer (copy shop more likely), addressing envelopes (or printing addresses on the bulletins), stamping and mailing the completed issue.

If you are interested in these positions, please contact me at the above address. Thank you... pb



BROADCASTING INFORMATION – Robert J Wien – 14051 Belle Chasse Blvd #415 – Laurel MD 20707

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Column Deadlines: Saturdays

DATE OF COLUMN: August 13 2016, **Column data span:** July 16-August 13 2016, Data courtesy of Stationintel.com, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
910	WAEI	Bangor, ME	WABK
1340	WNZS	Veazie, ME	WBAN
	KQJZ	Evergreen, MT	KLYW
	KWWX	Wenatchee, WA	KYSP
1400	WWNZ	Veazie, ME	WCYR
1450	WKTO	South Paris, ME	WOXO
1470	WEVG	Evergreen, AL	WPNS

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE
540	WKFN	Clarksville, TN
570	KWML	Las Cruces, NM
	KNRS	Salt Lake City, UT

NEW INFORMATION

old slogan: "The Fan", new: "ESPN Clarksville"
was sports, now oldies, old slogan: "AM 570 The Ticket", new: "Kool Oldies 104.5"
old slogan: "Family Values, Talk Radio 105.7", new: "Talk Radio 105.9"

590	WCAB	Rutherfordton, NC	old slogan: "Today's Hits, Yesterday's Memories", new: "County At Its Best"
740	WDGY	Hudson, WI	old slogan: "Oldies 740", new: "Oldies Radio"
860	WEVA	Emporia, VA	now silent
910	KKSF	Oakland, CA	was talk, now ESPN Deportes Radio Network, old slogan: "San Francisco's Talk 910 KKSF", new: "910 AM ESPN Deportes"
920	KQBU	El Paso, TX	was Spanish news/talk, now regional Mexican, old slogan: "Univision America 920 AM", new: "Que Buena 97.5"
930	KIUP	Durango, CO	now silent
980	WDVH	Gainesville, FL	was talk, now classic country, old slogan: "980 Newsradio", new: "101.7 Hank FM"
1010	WORM	Savannah, TN	old slogan: "Good Times and Great Oldies", new: "Good Times and Great Oldies" (??-ye ed)
1050	WLMA	Alexander City, AL	was soft adult contemporary, now classic country, old slogan: "105.1 The Lake", new: "Real Country 1050/96.3"
	WJCM	Sebring, FL	was oldies, now ESPN Radio Network
1060	WQMV	Waverly, TN	old slogan: "AM 1060 Playing The Soundtrack Of Your Life", new: "AM 1060 Playing The Best Of 30 Years Of Rock And Roll"
1090	KRKE	Milan, NM	now silent
	WENR	Englewood, TN	old slogan: "Classic Gospel Hits", new: "The Little Gospel Giant"
1220	WKTZ	Jacksonville, FL	was Radio Nueva Vida Spanish religion, now American Family Association religion, old slogan: "Radio Nueva Vida", new: "American Family Radio"
1230	KSIX	Corpus Christi, TX	was Yahoo Sports Radio, now Westwood One NBC Sports Network
1240	KVRC	Arkadelphia, AR	now silent
	WEZR	Lewiston, ME	old slogan: "The Pulse of Lewiston-Auburn", new: "Maine's Big Z"
1270	KBZZ	Sparks, NV	was CBS Sports Radio, now talk, old slogan: "CBS Sports Radio 96.1/1270", new: "96.1 and 1270 The Buzz"
	WHGS	Hampton, SC	was religious teaching, now classic country, adds slogan: "Kickin' Country"
1290	WJBI	Batesville, MS	was oldies, now R&B oldies
1300	WOSW	Fulton, NY	was silent, now Fox Sports Radio, adds slogan: "Fox Sports 1490"
1310	WORC	Worcester, MA	old slogan: "Mega 1310", new: "La Mega 1310"
	WRVP	Mount Kisco, NY	changes city of license from Mt. Kisco to Mount Kisco
1330	WNTA	Rockford, IL	was Spanish hits, now Fox Sports Radio, old slogan: "La Movida 1330", new: "Sports Fan 1330"
1340	KWXY	Cathedral City, CA	old slogan: "Progressive Talk 1450", new: "The Sound Of The Desert 1450"
	KLYW	Evergreen, MT	was adult standards, now urban contemporary, old slogan: "1340 The Lounge", new: "Heat 97.9"
	KYSP	Wenatchee, WA	was Westwood One Juan FM Spanish adult hits, now Fox Sports Radio
	XEBK	Nueva Laredo, TA	was Spanish hits, now regional Mexican, old slogan: "Exa", new: "La Raza"
1350	WEZS	Laconia, NH	adds a new unknown primary network
1370	KWNC	Quincy, WA	was Westwood One Juan FM Spanish adult hits, now Fox Sports Radio
1380	WBEL	South Beloit, IL	secondary format was sports, now oldies
1390	WAJD	Gainesville, FL	was talk, now smooth jazz
1400	KART	Jerome, ID	was sports, now classic country, old slogan: "CBS Sports Radio 1400", new: "94.7 Buck FM"
	KREW	Plainview, TX	was sports, now Westwood One Classic Country, old slogan: "The Krew 1400", new: "Hometown Radio"
	WBIZ	Eau Claire, WI	was sports, now classic rock, old slogan: "Sports Radio 1400", new: "98.7 The Brew"
1410	WMYR	Fort Myers, FL	was classic country, now Relevant Radio religious teaching, old slogan: "Twang 106.7", new: "Relevant Radio"
	KZEY	Marshall, TX	now silent
1450	WKTQ	South Paris, ME	was talk, now country, old slogan: "Talk For Maine", new: "96.9/100.7 The Ox"
	WHDL	Olean, NY	was sports, now CHR, old slogan: "1450 The Huddle", new: "Hot 107.1"
	WREL	Lexington, VA	was talk, now Fox Sports Radio, old slogan: "AM 1450 WREL", new: "WREL AM 1450"
1460	KKOY	Chanute, KS	was country, now news-talk
1470	WMGG	Dunedin, FL	old slogan: "Mega Romantica", new: "Las Estrellas 1470"
1480	WVOI	Marco Island, FL	was tropical, now Relevant Radio religious teaching, old slogan: "Ardiente 1480 y 1660", new: "Relevant Radio"
	WPFJ	Franklin, NC	was religious teaching, now His Radio Network contemporary Christian, adds slogan: "His Radio"
	KLVL	Pasadena, TX	adds slogan: "Radio Dabang 1480 AM"
1490	WTUP	Tupelo, MS	old slogan: "Tupelo's Top Dawg", new: "Big 99.3"
	WSVM	Valdese, NC	now silent
	WGEZ	Beloit, WI	was oldies, now classic country, old slogan: "Oldies Channel 1490", new: "Iron Country 101.9/1490"
1500	WKXO	Berea, KY	was southern gospel, now news/talk, old slogan: "You Know WKXO AM 1500", new: "1340 WEKY AM"
1550	WZLUM	Braddock, PA	changes city of license from Reserve Township to Braddock
1570	WMVX	Methuen, MA	changes city of license from Beverly to Methuen
1580	WJOL	Columbus, GA	old slogan: "The Zone", new: "95.7 ESPN"
1590	KDAV	Lubbock, TX	was talk, now contemporary Christian, old slogan: "The Hub", new: "The Spirit"
1660	WCNZ	Marco Island, FL	was tropical, now Relevant Radio religious teaching, old slogan: "Ardiente 1480 y 1660", new: "Relevant Radio"

MEMBER CONTRIBUTIONS

Dave Gordon of Morgan Hill CA sends along the following dated 7/22/16:

KKSF, 910 AM, (Oakland CA-ye ed) switched from talk to ESPN Deportes today. ESPN Deportes was on KTRB 860 AM which recently switched to talk. KTRB is known now as The Answer. As a talk station, KKSF had a few hosts that were on KGO.

Andrew Brade also sends along a correction dated 7/26/16 from the last column, as I had accidentally put a dual entry for WAML for both 1340 and 1480. The information for 1340 is correct, disregard the entry on 1480. Thanks, Andrew for the sharp editing eyes!

Eric Bueneman of Hazelwood MO sends along the following dated 7/29/16:

Aging infrastructure is the main reason for CKSL 1410 London ON going silent: <http://london.ctvnews.ca/am-radio-station-cksl-turning-in-its-licence-1.3008258>

AM radio station CKSL turning in its licence

Funny 1410, CKSL, is going off the air. London radio station CKSL, Funny 1410, is going off the air after 60 years.

CTV London, Published Friday, July 29 2016 5:18PM EDT

A London AM radio station that has been on the air for 60 years is going silent. CKSL, known to most people as Funny 1410, has been granted permission from Canada's regulatory operator, the CRTC, to go off the air. The current owner Bell Media points to an aging infrastructure for the reason to turn in the licence.

The station that signed on in 1956 was at one time a Top 40 station. Over the years it was re-formatted to be news talk, soft adult contemporary, oldies and was Canada's first radio station devoted to comedy radio. It's not known exactly when Funny 1410 will sign off.

#1. Got back from a trip to Atlantic City, stayed at Harrahs 7/24-7/28, had a good time there, and also spent time in Rehoboth Beach DE visiting with a former high school friend who has a timeshare and home there, had a huge T-storm there! Ferry from Cape May NJ to Lewes DE was nice, took my car on it (also took it in reverse on 7/25 to Cape May from Lewes). 6 days till I turn 56 on Friday August 5th! I don't feel a day over 56, heh. Days are starting to get a little shorter, so DX will be picking up soon. Report any changes you hear to this column. 73's. **Bob Wien**

#2. Had some bad flooding 15 miles up north of here recently in Ellicott City MD, 2 people were killed when the downtown area was inundated with 6" of rain in an hour, many of the nice buildings there were completely destroyed or heavily damaged, very sad. I turned 56 on 8/5, so less than a year to the big 5-7! School will be starting for many kids soon. Well, I heard Monday 8/8 that the company I was supposed to start work for this month gave the job to someone else though I had a signed job offer! Can you believe that!!!!??? So right now I am going to seek other options out in my area since they were supposed to wait till my clearance came through for the job, but obviously they didn't despite my having an offer!!! So as a result, still looking for work here, been out of work 7 months now.... I do have some interviews slated for week of 8/15-8/20 so we'll see where those go. Want to wish an early happy B-day to Mike Sanburn; his B-day is 8/15. 73's. **Bob Wien**



For **July 2016** (August 1 2016 – next update September 1 2016)

OFF THE AIR

810 NB Caraquet CJVA Went dark on August 1st after flip to 94.1 FM.

CONSTRUCTION PERMITS EXPIRED

850 QC Montreal Commercial. 50,000 watts (days)/22,000 watts (nights). Sports. French. TTP Media did not apply for an additional third extension. CP has been deleted.

GOING OFF THE AIR

1410 ON London CKSL License voluntarily rescinded due to high costs involved with upgrading transmitting equipment.

PROPOSED TECHNICAL CHANGES

960 ON Mississauga CKNT-cp Increase power from 700 to 2,000 watts (days)/104 to 280 watts (nights). Relocate transmitter.

The following are all first **Alternative Applications** if their requested FM frequency of 106.5 MHz is not approved (via Jon Perkins):

- 580 AB Edmonton CFKN Commercial. 10,000 watts fulltime. Multilingual. VMS Media Group.
- 1650 AB Edmonton CINH Commercial. 10,000 watts fulltime. Multilingual. Neeti P Ray.
- 1690 AB Edmonton CKZW Commercial. 5,000 watts fulltime. Multilingual. Radio India, which operates KVRI-1600 Blaine, WA by LMA.

CHMJ-730 (via Jon Perkins)

For lack of a better approach, I'll write you a chronology – all times are Eastern Local Time:

- 07/03 1500 – fire is reported in Burns Bog, a huge peat bog in Delta, BC, where CHMJ-730's transmitter is located
- 07/03 1715 – CE Rob Brown enters the CHMJ transmitter building, holds his breath and feels his way blindly to turn off the power, quickly exiting the building before smoke inhalation overtakes him
- 07/04 0000 – blaze has grown to 150 acres
- 07/04 0100 – CHMJ signs on to CFMI-FM-HD3
- 07/06 0320 – Tower 4 is cut down for safety reasons; three of the four tower huts are reported as completely destroyed in the blaze
- 07/06 2100 – CKNW-980's 500 watt backup transmitter in Downtown Vancouver has been converted to 730 KHz and is initially running 400 watts non-directional with 60% modulation, awaiting further antenna adjustments
- 07/09 0200 – Bruce Portzer reports that Seattle signal is not much weaker than normal, given a deep Null to the South in CHMJ's normal 50KW night pattern
- 07/17 1410 – CKNW's transmitter fails in Surrey, with no backup transmitter available
- 07/17 1430 – CKNW is back on the air from Surrey
- 07/25 1845 – CHMJ switches back to Delta transmitter site but best directional patterns possible without Tower 4 limit power to 10KW
- 640 NL St John's CBN approved for Nested Repeater with 3102 watts on 88.5 MHz
- 730 BC Vancouver CHMJ simulcast on CFMI-FM-HD3 with 3162 watts, added while 730 off the air due to transmitter fire; sister station CKNW-980 is CFMI-FM-HD2
- 740 BC New Denver CBUI move to FM, as CBTK-3, has had Construction Permit extended to September 23 2017
- 860 BC Williams Lake CBRL FM replacement, CBYK-1, is on the air with 275 watts on 92.1 MHz
- 1340 NL Happy Valley-Goose Bay CKHV FM replacement, CKOH is on the air with 1710 watts on 99.3 MHz



WDXR DEADLINES: Aug 19, Sept 2, Sept 23, Sept 30, Oct 7, Oct 14, Oct 21, Oct 28, Nov 4, Nov 11 and Nov 18. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-PO Box 5503-Peoria AZ 85385 desertmoon_dxshack@inbox.com
CountyComm GP-5/SSB, Panasonic RF-2200
- (DG) **Dennis Gibson**-Salinas CA wb6tnb@yahoo.com
Radio in 2007 Honda Fit Sport
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 John_Johnson@prodigy.net
Icom IC-R75, 75' N-S longwire
- (JP) **Jon Pearkins**-Edmonton AB jon@pearkins.com
CCRadio-2E, CCRadio -EP
- (AWP) **Art Peterson**-Richmond CA awpeteronrpf@att.net
Sony ICF-2002, Quantum loop

- 540 ?KYAH? **UT**, Delta 8/6 0300+ tentatively the one with Coast to Coast. Seems to be the only one that fits, but not much power at night. (AWP-CA)
- 580 KIDO **ID**, Nampa 8/6 0245 in jumble under KMJ, PSA about helping Nampa schools. (AWP-CA)
- ?KTM? **OR**, Ashland 8/6 0245 assumed the one in jumble with sports talk. (AWP-CA)
- 590 KCSJ **CO**, Pueblo 7/15 faded up in jumble at 0100 with KCSJ ID, mention of iHeart Radio and kcsj.com web site into Fox News. New for me. (JCJ-AZ)
- 600 ?KGEZ? **MT**, Kalispell 8/6 tentatively the one with oldies well under KOGO. (AWP-CA)
- 650 KGAB **WY**, Orchard Valley 8/6 0430 with call-in type talk way under KSTE. (AWP-CA)
- ?CISL? **BC**, Richmond 8/6 0415 assumed the nostalgic format under local KSTE. (AWP-CA)
- 700 KALL **UT**, North Salt Lake 7/23 0515 with sports talk, semi-local nulled. (AWP-CA)
- 730 KLOE **KS**, Goodland 7/21 dominating 730, must have been on daytime power. 0031 with spot, then "News talk 730 KLOE" into Jim Bohannon Show. New for me. (JCJ-AZ)
- CHMJ **BC**, Vancouver 8/5 0011 good with all traffic format. Numerous mentions of Vancouver, am730.ca web site and the AM 730 Traffic Center. Information about traffic, bridges closed, ferry crossings, and delays at border crossings. Night pattern had deep null to the south but it may be using temporary facilities after the fire at its transmitter site in early July. Minor splash from KCBS. New. (DG-CA)
- 760 ?KKZN? **CO**, Thornton 7/31 0146 only ID'd as "Fox Sports Radio" which KKZN runs all weekend. (JP-AB)
- 780 KKOH **NV**, Reno 7/16 0610 Red Eye Radio very good on CountyComm GP-5/SSB. (RB-AZ)
- 800 CKOR **BC**, Penticton probably the one 7/23 0630 with at least one oldie plus others I don't recognize. Moose Jaw has similar format, but sunrise should have wiped them out by now. 7/30 0330 ID as "Easy Rock 800 AM" and mentioned the city a couple of times, playing soft rock. (AWP-CA)
- 810 KGO **CA**, San Francisco 7/16 0620 talk show on Turkish coup, good on GR5/SSB UL. (RB-AZ)
- 910 KKSF **CA**, Oakland 7/30 0530 surprised by Spanish, mentioning ESPN Sports. Re-check at 1400, caught ID as "KKSF, solo deportes, solo Espanol," Ex-English talk. (AWP-CA)
- 920 KBAD **NV**, Las Vegas 8/6 mixing with KVEL, KSWA at 0053 with local Los Vegas spots in baseball coverage, mention of "Sports 920." Joined NBC Sports radio at 0055. Quick "KBAD Las Vegas" ID on the hour into NBC Sports. New for me. (JCJ-AZ)
- 930 KSEI **ID**, Pocatello 8/6 0510 "Idaho's Oldies Channel," this slogan and call ID between songs, featuring a Fleetwood Mac weekend. KHJ surprisingly weak this morning. (AWP-CA)

- 950 KCAP **MT**, Helena 8/2 0122-0133 alone with KJR over CFAM when KCAP nulled; 0126 "KCAP AM and FM" ID after local ads in break of syndicated "The Dana Show." (JP-AB)
CFAM MB, Altona 7/31 0224 playing same classical piece as //CHRB-1220, below both KJR with sports talk and Coast to Coast (KCAP?). (JP-AB)
- 960 KNEW **CA**, Oakland 7/31 0230 very strong under CFAC. (JP-AB)
CFAC AB, Calgary 7/31 0230 CBS Sports Radio possibly low modulation as KNEW made them unlistenable 180 miles north despite CFAC's 50kw north night pattern. (JP-AB)
- 970 KBUL **MT**, Billings 8/2 0134-0136 alone with 60 second newstalk95.5.com promo then into Coast to Coast. (JP-AB)
- 1000 KCEO **CA**, Vista 8/6 0520 just about knocked my socks off when it overwhelmed KOMO. No ID at this time, but it was //local KSFB-1260 with EWTN's "Joan's Rome" feature which I knew was on, having heard it minutes before on another // and recognized Joan Lewis' voice. Never heard a peep before, so it's got to be on 10kw day power. (AWP-CA)
- 1010 KCHJ **CA**, Delano 7/30 0610-0800 nulling the KIQI local, I heard this on with a ranchero style of music while the local had Salsa and Cumbias. (AWP-CA)
CBR AB, Calgary 7/30 0655-0730 starting weak with Canadian English, gradually becoming stronger, definite mention of CBC affiliation. In surprisingly late; had to be well after Calgary sunrise. (AWP-CA)
- 1020 KCKN **NM**, Roswell 8/6 0120-0138 undoubtedly the very strong Spanish; a second Spanish was probably KDYK, as poor California conditions rule out KTNQ, leaving only, but unlikely, KMMQ. (JP-AB)
KWIQ WA, Moses Lake North 8/06 0139 briefly atop KCKN with Mariners vs. Angels baseball. (JP-AB)
- 1030 KTWQ **WY**, Casper 8/6 0110-0120 with local ID in Coast to Coast, very strong, as expected, but talker under them was of interest: was it KMAS or WBZ? (JP-AB)
- 1040 WHO **IA**, Des Moines 8/6 0555-0630 with talk, gradually becoming stronger with dawn enhancement. Calls heard in reference to their web site. This used to be armchair copy when local 1050 was off at night. (AWP-CA)
CKST BC, Vancouver 8/6 0630-0730 barely there at first, better after WHO faded down. ESPN sports exactly //local KTCT. It was fun to switch back and forth between them. (AWP-CA)
- 1050 XED **BCN**, Mexicali 8/6 0735 in Spanish under KTCT. (AWP-CA)
- 1060 KRCN **CO**, Longmont 7/16 0650-0730 EWTN affiliate, ID'd by program host's familiar voice, fair signal early on then fading out around BOH, consistent with Colorado sunrise. (AWP-CA)
KFOY NV, Sparks 7/16 0600 and 0740 clear call ID in English. Not sure, but it seemed like both English and Spanish; calls and promos as ESPN Sports with //94.5 FM. Did not seem like 2 stations, confusing. CKMX weaker than usual with comedy skits. (AWP-CA)
- 1070 CFAX **BC**, Victoria 7/16 0730 rising up to challenge KNX, two call IDs and mentioned CFAX.com web site. (AWP-CA)
+8/6 0105 ID at end of news then Coast to Coast; strong signal despite being on edge of directional pattern; no sign of KNX. (JP-AB)
- 1080 KVNI **ID**, Coeur d'Alene 7/16 0050-0057 country-leaning adult contemporary music; 0052 ID as Ninety Two Five, their FM translator K223AN, with no mention of 1080; disappeared under "The Fan." Presumably KFXK Portland. (JP-AB)
- 1140 KGEM **ID**, Boise 7/23 0120 religious lecture by woman and alone on the channel until 0135 when Scott Ferall (KXST, NV) could be heard under faintly. Good, steady on CountyComm GP-5/SSB UL. (RB-AZ)
- 1210 KRSV **WY**, Afton 7/30 0158-0202 faded up over CFYM then dominant, playing Contemporary Country with call letter ID at 0201 and use of both "Today's Best Country" and "Black Mountain Country" branding; their night pattern points right at me. (JP-AB)
CFYM SK, Kindersley 7/30 0153-0158 all alone then disappeared with oldies, lots of commercials and call letter ID. (JP-AB)
- 1400 KAZZ **UT**, Parowan 7/29 mixing with local KSUN at 0800 with "93 point 1 FM, 1450 AM KZNU Saint George... and KAZZ Parowan." New for me. (JCJ-AZ)
- 1550 KRPI **WA**, Ferndale 7/31 0200 legal ID and EE programming before, then South Asian, only audible by nulling KKOV. (JP-AB)
KKOV WA, Vancouver 7/31 0201 legal ID and 0216 "Sunny 15-60" ID with oldies and hourly news. (JP-AB)
- 1560 KNZR **CA**, Bakersfield 7/27 0920 local sounding political talk show, good well after sunrise on Panasonic RF-2200. (RB-AZ)
- 1580 KGAL **OR**, Lebanon 7/31 dominant with call letter ID at 0140. (JP-AB)
- 1590 KTLI **OR**, Netarts 7/16 0037-0041 sending reception report to be sure that this was the one playing 1950s rock with "Oldies Fifteen Ninety" ID, initially dominant but lost after 3 minutes. 8/2 0138-0143 sometimes very strong with KLFE in fades and occasionally another talker, likely KVGB; 0140 ID "Where the Fun Never Stops KTLI" with oldies. Hard to believe they are running 1kw night pattern with a null in my direction. (JP-AB)
- 1600 KVRI **WA**, Blaine 8/10 0053-0107 mostly absent with occasional fade-up behind dominant unID Spanish playing mostly music, few if any ads and brief talk between each song, most notably Spanish version of "Unchained Melody" matching Art Peterson's KGST report last issue, but could also be KTUB or even KXEW if they were announcing in Spanish at that time. Often under the Spanish, KEPN or KGYM as "ESPN Radio." (JP-AB)
CA, West Sacramento 7/23 0910 man with religious lecture, very good signal well after local SR on CountyComm GP-5/SSB UL. (RB-AZ)
- 1620 KSMH **CA**, Fresno 7/17 0810 "Sixteen eighty The Answer" to Michael Medved replay. Good on UL GP-5/SSB. (RB-AZ)
- 1680 KGED
- 1700 ?KVNS? **TX**, Brownsville 8/6 0145 with 30 second Fox Sports Radio promo. Expected regular XEPE but no other California reception and very strong XEG-1050 make this a possibility. (JP-AB)

UNIDS

- 690 UnID C&W weak under CBU and the Mexican 7/23 0430, sounded like classic country. KCOR Prineville OR and KPET TX fit C&W format. (AWP-CA)
820 UnID 7/30 0415 unID under XEABC with religion talk, but no ID. Could be either WA or the UT station. (AWP-CA)
870 UnID 7/30 0505 unID Spanish under KRLA, tentatively Nevada, but I was hearing lots of music and KRLA is listed as Spanish talk. (AWP-CA)
1010 UnID 7/30 0630-0800 unID below the two Spanish music outlets with Spanish talk. Tentatively it could be KXXT Tolleson, AZ. (AWP-CA)
1010 UnID 7/30 0650 another unID in English mentioning ESPN Sports. One possibility is KXPS Thousand Palms, CA. (AWP-CA)

Don't forget, the new IRCA contest will begin on September 1st. No restrictions so every station that you log will count! – Nancy 8/12 1900



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: John_Johnson@prodigy.net **CDXR reports ONLY: cdxr@ircanonline.org**

RIDING GAIN

[NJ-WY] **Nancy Johnson**, Mesa AZ **NancyJohnson@Prodigy.net**
DXing while camping in Yellowstone National Park and Teton National Park

DOWN THE DIAL

- 920 KXLY **WA**, Spokane. 7/21 heard while trying for the West Yellowstone station. 09:30 with ID following Spokane talk and spots. Heard while on the road in Teton National Park. [NJ-WY]
1330 KOVE **WY**, Lander. 7/21 fading in and out. 20:06 with KOVE calls twice into country song. [NJ-WY]
1340 KSGT **WY**, Jackson. 7/20 heard while in Jackson. 13:43 on the air with talk programming. [NJ-WY]
1450 KJCV **WY**, Jackson. 7/20 heard while in Jackson. 13:42 on the air with religious programming. [NJ-WY]
1490 KJNT **WY**, Jackson. 7/20 while in Jackson I noticed KJNT was off the air. [NJ-WY]

FLASHBACK

August 17 1965 issue of "DX Monitor" ... **Tom Jasinski** received his 150th verie ... **Rick Evans** told us that Marv Robbins introduced him to the IRCA ... Final domestic DX contest standings were listed, prizes included 1 year memberships awarded to **Park Barton**, **Gary Scrimgeour**, and **David Johnson**. // August 11 1990 issue of "DX Monitor" ... **Robert Wien** of San Jose CA told us that fellow DXer **Roland Kunkel** of Morgan Hill CA had died ... **Tom Laskowski** of South Bend IN was pleased to have logged CBR 1010 as his 1100th station, his 2nd from AB ... **Karl J Zuk** of Croton-on-Hudson NY was excited about the upcoming Knoxville TN convention.

OPEN MIKE

The new DX season will be starting soon. This year's DX Contest is an easy one for everyone. This column was typed 8-12-16. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
E-mail: n0uiheric@gmail.com
DEADLINES: Thursday 2000 EL

TUNING THE DIALS THIS ISSUE:

- (JJR-MI) **John J Rieger**, L'Anse MI
 Grundig Satellit 750, stock antenna, Terk AM1000 loop
 (PS-ON) **Paul Snider**, Welland ON, Canada
 ICOM IC-R75, Pixel RF Pro-1B loop, MFJ-1020C antenna tuner

ACROSS THE DIAL

- 770 KKOB **NM**, Albuquerque – 7/29 0653 noted with *America in the Morning*, no calls into an ad for the United States Postal Service, then a “770 KKOB” ID. I was surprised at how well it was in; I was expecting “more common” KATL. A fair signal was noted. (JJR-MI)
 840 WRYM **CT**, New Britain – 7/17 0040 noted with Tropical music in Spanish, “Ocho Cuarenta” announcements between song sets, “WRYM” ID in Spanish at 0103. Poor to very poor signal, mostly under WHAS but at times over it. (PS-ON)
 1070 KFTI **KS**, Wichita – 7/29 0617 noted with a “Classic Country 1070” ID while trying for KNX. A poor signal was noted in a fade-up over WTSO. (JJR-MI)
 1340 WNDR **NY**, Auburn – 7/16 2316 noted with “Baby, I Love Your Way” by Peter Frampton, “Rescue Me” by Fontella Bass, “94.1, 95.3, 103.9 the Dinosaur” ID at 2324, mention of *Prehistoric Saturday Night*, promo for water parks in New York, ads for Senior Home Care Solutions and a local law firm, weather forecast for Central New York, into “American Pie” by Don McLean. A very poor signal was noted, mostly under WLVL. (PS-ON)
 1460 WVOX **NY**, New Rochelle – 7/18 2214 noted with an Oldies format, “The Best of the ‘60s, WVOX” ID at 2236, followed by “Just Walking in the Rain” by Johnnie Ray and “Good Morning Starshine” by Oliver. A poor to very poor signal, mixing with CJOY, WHIC and WKDV. (PS-ON)
 WHIC **NY**, Rochester – 7/18 2255 noted with Christian talk, mention of “coming up on WHIC” at 2258. A very poor signal was noted, mixing with CJOY, WKDV and WVOX. (PS-ON)
 WBUC **WV**, Buckhannon – 7/18 2302 noted with Fox News Radio, weather forecast and mention of “on 1460 WBUC” before fading to CJOY and WKDV. A very poor signal was noted. (PS-ON)
 WBOG **WI**, Tomah – 7/29 0749 noted with call letters, live and local DJ chatter (vs. satellite), “Kool Gold 1460” ID. A poor signal was noted with KXNO gone by this time. (JJR-MI)
 1570 KAKK **MN**, Walker – 7/29 0735 noted with an ad mentioning “in Park Rapids” before fading to WLKD. Not heard in a while; a poor signal was noted. (JJR-MI)

EDITOR'S NOTES

Thanks to Phil Bytheway for filling in for me after I had my stroke. Thanks to everyone who sent their best wishes as I recover and thanks to John and Paul for their logs! The DX season is just around the corner! 73 and good DX from NØUIH



DX WORLDWIDE – WEST – Patrick Martin – PO Box 843 – Seaside OR 97138
E-mail: mwdxer@webtv.net
all times UTC

Next deadline Monday 8/29 1201 PM PLT. All times UTC/GMT.

TRANS-PACIFIC DX ROUNDUP

- 738 **FRENCH POLYNESIA**, Papeete, Radio Première Polynésie. 7/24 huge! <https://youtu.be/Ot56TSwFboc>. (RCN-BC)
 +7/25. Now seemingly the station that sets the bar – at modest levels – easily audible and in the clear but not quite with yesterdays oomph. (RCN-BC)
 1566 **UnID**. For the first time this year I got a very weak carrier on 1566 at 1145 8/5. No other carriers were heard. (BB-AZ)

PAN AMERICAN DX ROUNDUP

- 620 **MÉXICO**, XESS, Ensenada, BCN. 7/15 found XESS mixing with XEBU, local KTAR off the air. 1201 with “Radio Fiesta XESS” into National Anthem. 1203 another XESS ID. New logging for me. (JcJ-AZ)
 660 **MÉXICO**, XEEY, Aguascalientes, Aqua. 8/8 weak but alone. Normally dominant KTNN was off the air. 1158 with calls and mention of city. Spot announcements, promos which mentioned “La Kaliente” numerous times along with Aguascalientes. First time I've found KTNN off the air since we moved to Mesa. New logging for me. (JcJ-AZ)
 1050 **MÉXICO**, XEG, Monterrey, NL. 08/06 0534-0543 alone and very strong; Spanish music and announcer with “Monterrey” in Imaging then into live caller from Houston; 1050 had been dead at 0506. (JP-AB)

ODDS AND ENDS

Oregon Cliff (Rockwork 4) Ultralight DUs
Gary DeBock

8/5. A five day “family vacation” to the NW Oregon coast kicked off yesterday, which of course was planned to be within convenient range of the Rockwork 4 ocean cliff near Manzanita. This morning the “Kiwi Cliff” delivered its usual potent New Zealand signals (on 531, 702, 792, 1035 and 1044) plus a few odds and ends like a 576-2RN/585-7RN parallel (late, at 1313), and a modest signal from 1017-Tonga (early, at 1055).

531 kHz was pounding in with a 2 DU mix (apparently PI and 4KZ) as early as 1100, along with the usual lackluster signal from 1017-Tonga in and out of the Latin America Spanish splatter until its relatively late sign off around 1200. The Kiwi big guns and 738-Tahiti really went on the warpath after 1230, with blistering signals from both 702-Magic and 1035-Newstalk ZB around 1300. Lower-powered NZ stations were also well represented, with 765-Kahungunu acting like a big gun (as usual) and the 1 kW 936-Chinese Voice joining in at 1303. A parallel check to nail down the identity of a 576 station at 1313 revealed that it wasn't //657, however, so it wasn't the “Dwarf Star.” A quick check of 585 did match 576, though, so both 576-2RN and 585-7RN had somehow made it through the Kiwi-slanted propagation. 585-7RN had apparently stuck around for some time, since it earlier wasn't //603 during a check made around 1250 in search of the rare 585-Radio Ngati Porou. There were loads of other Kiwi signals on 558, 567, 594, 603, 657, 675, 684, 756, 774, 963, 1008 and other frequencies, with the propagation seemingly in a higher league than what we experienced last month in the International DXpedition. Three more days of “family vacation” fun is yet to come....

- 531 **NEW ZEALAND**, 531 PI, Auckland. R&B Music at potent level at 1241; occasionally in a mix with either 4KZ or More FM
<https://app.box.com/s/ao89ekr59a6m8dwgsrrnhvi3qtde71rn>.
 702 **NEW ZEALAND**, Auckland. “Magic”. Oldies station at blowtorch level with “Magic – feels good” ID in between songs over the 1300 TOH
<https://app.box.com/s/1kmy738awm8pl70ht0vmsm6rrvswjib6>.
 765 **NEW ZEALAND**, Napier-Hastings Radio Kahungunu. The 2.5 kW Kiwi that thinks it's a big gun; vibrant music //603 at 1243
<https://app.box.com/s/fdzx6r6x4a0z50nv0h2t406i3hbnqlaq>.
 936 **NEW ZEALAND**, Chinese Voice, Waiulu. Fair Chinese male speech from this 1 kW overachiever at 1303
<https://app.box.com/s/cu28ghvb4f91htkvr6sqkl006zxdbjlb>.
 1035 **NEW ZEALAND**, Wellington, Newstalk ZB. Kiwi advertisement string at blistering level //1044 at 1317 (sure wish I could understand all they are saying)
<https://app.box.com/s/qdvv5d0adtclylvyny0igs2gcclerxb>.
 1044 **NEW ZEALAND**, Dunedin, Newstalk ZB. Call-in talk program at potent level //1035 at 1235 <https://app.box.com/s/e3e3zmj0zzberxgkqnjiznba13jeagcr>.

8/6. Typical Kiwi-slanted propagation took a day off at the plunging ocean cliff this morning as elevated solar activity made Australian DX the order of the day. Oz big guns on 576, 594, 702, 774 and 792 pushed the NZ regulars off of their frequencies, while 558, 585 (two Oz stations), 639 and 675 featured unusual (for the cliff) Australian DX of varying strength.

The session started off at 1100 with a mediocre 1017-Tonga already in its sign-off routine (rather early for its late Saturday night pattern). Prior to sunrise enhancement the session sounded very ordinary, with only 531-PI showing much staying power (in a mix with a presumed 4KZ). Unlike yesterday the Kiwi big guns never really got untracked, and by 1230 it was obvious that it would be an Australian-dominated session, with the Oz big guns on 594, 702, 774 and 792 in and out with powerful signals. At 1254 a fair-strength DU English station on 585 wasn't //576 or 603 (indicating 2WEB) but by 1305 it was replaced by another Oz

station definitely //792 (585-7RN). Around 1300 the most interesting Oz station showed up on 558 with DU English under domestic splatter, but the splatter was too rough to track down a parallel. 639 delivered a DU English mix of 5CK //891 and apparent 2CH around 1312, along with some mystery electrical noise. Finally around 1328 a weak DU English mix showed up on 675 as an unusually anemic RNZ was pestered by a likely 2CO. One interesting mystery was island-type music under a potent 774-3LO around 1227 (heard before here, but never IDed), and of course the ABC-sounding Oz station on 558 under splatter – quite possibly a repeat appearance from 6WA (heard by three of us here a year ago). Best signals of the session were all from Oz, with 792-4RN the overall winner around 1305.

- 585 **AUSTRALIA**, 7RN, Hobart. RN network jazz music //792 at 1305 (the parallel MP3 from the stronger 792-4RN is linked below) <https://app.box.com/s/6wablttmvjz9zbxijyq8bnlnpp6epej3>.
- 594 **AUSTRALIA**, 3WV, Horsham. Pop music at strong level //774 at 1242; the usual Kiwi regular Rhema was MIA all morning <https://app.box.com/s/vfuhsnwzwbflurje21m27rve50em2x94>.
- 639 **AUSTRALIA**, 5CK, Port Pirie. Female ABC commentary //891 at 1312; apparent commercial station (2CH?) and mystery noise underneath <https://app.box.com/s/abcc0crvz6idkhmd29gyxtlzkpeill2n>.
- 738 **FRENCH POLYNESIA**, Papeete, Radio Première Polynésie. The usual powerhouse signal with R&B music at 1317; 2NR strangely absent <https://app.box.com/s/01jinpj8ug23cou0fypsnu4k5orjfr6p>.
- 747 **AUSTRALIA**, 4QS, Toowoomba. ABC. Potent level sports play-by-play recording with mystery island music station (and speech late on) at 1227 – Philippines? <https://app.box.com/s/qqjgpnfcne0qu03ul9pgmb9a521rr38>.
- 792 **AUSTRALIA**, 4RN, Brisbane, ABC National. Jazz music at potent level //585 at 1305; the usual Kiwi occupant Radio Sport was evicted for the duration <https://app.box.com/s/o8f3tzrrni3g5ma518jh2d2qf2nb4btb>.

8/7. Yesterday's superb Australian propagation continued for a second day, but there was a potent comeback by the Kiwi stations late on, resulting in one of the wackiest DXing sessions of the summer. To make matters more interesting both rain and wind pounded the cliff with increasing force as the Oz Vs. Kiwi mixes spread over the band, finally ending up just short of the "Japanese Welcome Session" storm level.

During FSL antenna setup at 1130 the rain and wind were mild, and only 531-PI was showing much strength in the predawn darkness. Both Oz and Kiwi signals came up dramatically by 1230, though, with a loud "big gun" snarl on 702 (2BL vs Magic), 594 (3WV vs Rhema) and 774 (3LO vs Radio Sport). 531 even featured an all-Kiwi snarl (PI vs an apparent More FM) at 1248. Around 1255 the high priority frequency of 558 once again featured a DU English station with an ABC-like format fighting it out with 560 splatter (almost certainly Australian, since 558-Radio Sport features Yankee English at this time from the Fox Sports network relay), and the 639 Oz pair of 5CK and 2CH were back again at a modest level. After 1300 all the Kiwis seemed to get a turbo boost along with the stormy weather, though, ending up with dominance over Australia on all frequencies except the ones with uneven matches (576, 585, 639 etc). Late on around 1320 some unusually good Kiwi signals showed up on 675, 684 and 756, while an UnID DU English station showed up on 1026. By 1335 DU propagation was near collapse, and the FSL antennas seemed in a similar state as the stormy wind pounded them in their unsecured (not strapped down) condition. Overall the DU propagation during these past three days has been in a higher league than anything experienced in the one-week July DXpedition, providing further evidence (on top of last summer's results) that early August is the peak season for DU-DXing results at Rockwork 4.

- 531 **NEW ZEALAND**, PI/More FM (p), Auckland/Alexandra. PI's female Samoan speech getting trounced by urban techno rock from a presumed More FM (this music doesn't fit 4KZ's format) at 1248 <https://app.box.com/s/v8gq3embjk3lgcv3yhgenipk6syt80se>.
- 558 **UnID-Australian**. Male DU English speech with ABC-like format in and out of 560 splatter at 1250; 6WA a strong possibility (heard here last year) but no definite // available at the time <https://app.box.com/s/7eaj76zn4vhi4d39fdw7720w79iia29>.
- 594 **AUSTRALIA/NEW ZEALAND**, 3WV/Rhema, Horsham/Wanganui. The Oz big gun generally rules over the lower powered Kiwi Christian music network at 1243 <https://app.box.com/s/82ghq00enqn54ydmvg6n9l42wsa2qh0>.
- 657 **NEW ZEALAND**, Tauranga, 'Star'. Almost nuclear-level signal with Christian music at 1246; no Australian competition all morning <https://app.box.com/s/l4gzyq89yg5o127hhaomppq756e9gg4xz>.
- 684 **NEW ZEALAND**, Gisborne, Radio Rhema. Sounding very healthy (despite an impending eviction order) with Kiwi weather report, Bible reading and Christian music at 1303 <https://app.box.com/s/i8o561cza8myntqlq4psdp1iy9s9tmro>.
- 702 **AUSTRALIA/NEW ZEALAND**, 2BL/Magic, Sydney/Auckland. The Oz and Kiwi big guns fight it out at a pretty equal level at 1234 <https://app.box.com/s/vt64agkho18neze7aqsv0w7rwaxlw9op>.
NEW ZEALAND, Auckland, 'Magic'. The Kiwi Oldies station finally dispatches the Oz big gun with a blowtorch ID ("Magic, feels good") at 1237 <https://app.box.com/s/ykn15v9oc1wj0lqgmuy7cwh9ka9oejhh>.

8/8. The four day ocean cliff DXpedition wrapped up this morning in typical fashion, with a combination of enhanced DX and wacky weather. For the first time this summer heavy rain mixed with wind temporarily knocked out the ICF-2010 spotting receiver, a CCrane Skywave Ultralight and the 17" FSL antenna, but the 15" FSL completely overcame Murphy's Law to finally track down a high-priority target.

Like yesterday there was light rain and wind during antenna setup at 1130, but this morning the wind slackened off while the rain went on the warpath. The Australian propagation was long gone, being replaced by the ultra-energetic Kiwis that have been the trademark of Rockwork 4 DU propagation this week. 657-Star once again managed a huge signal at 1238, while 765-Kahungunu (2.5 kW) managed a very potent level at 1245. After reception of 1386-Radio Tarana around 1255 heavy rain mixed with wind knocked out the ICF-2010 spotting receiver, though, followed by the main 17" FSL antenna and its CC Skywave receiver. There was still a 15" FSL recording 531 kHz, however, and in the heavy rain it seemed to still be performing. In the slim hope that it could still track down the high-priority target of 558-Fiji on this last day (for the first time in 11 Rockwork 4 sessions this summer) the frequency was shifted to 558 around 1305, along with that of its relatively dry CC Skywave Ultralight. In the heavy rain nothing happened on 558 for about 5 minutes, but by 1310 I was amazed to hear some Polynesian choral music showing up on the frequency, finally reaching a pretty good level (along with some foreign language speech) at 1313. Since Fiji is the only foreign language DU on 558 I was very surprised at this complete turn of luck after what had been a very challenging session. 558-Fiji was also heard at a fairly potent level here at Rockwork 4 last August 10th, and it was pretty much my final high-priority target during this four day trip. Overall I have been very impressed with the early August DU propagation at this ocean cliff, matching that which Chuck, Tom and I enjoyed during our joint DXpedition one year ago.

- 558 **FIJI**, Radio Fiji One, Naulu. Polynesian choral music and foreign language speech at good level at 1312; all alone on frequency <https://app.box.com/s/gc978l4rh1pcgl085imqqa95omeh71ot>. More Polynesian choral music at fair to good level at 1317 <https://app.box.com/s/srj6r0hh0m2hp9kt72b9l691svvyyrvy>.
- 657 **NEW ZEALAND**, Tauranga, 'Star'. Christian music at potent level at 1238 <https://app.box.com/s/ypzlz6jo0ucsahvnpmqgmyeypxij2jao>.
- 765 **NEW ZEALAND**, Napier-Hastings Radio Kahungunu. Strong Maori music from this 2.5 kW Kiwi "big gun" at 1245 <https://app.box.com/s/llo3in3slfs1us1imvbihwmem4mq4gg9>.

8/10. Typical Kiwi-slanted propagation took a day off at the plunging ocean cliff this morning as elevated solar activity made Australian DX the order of the day. Oz big guns on 576, 594, 702, 774 and 792 pushed the NZ regulars off their frequencies, while 558, 585 (two Oz stations), 639 and 675 featured unusual (for the cliff) Australian DX of varying strength.

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- 639 **AUSTRALIA**, 5CK, Port Pirie. Female ABC commentary //891 at 1312; apparent commercial station (2CH?) and mystery noise underneath <https://app.box.com/s/abcc0crvz6idkhmd29gyxtlzkpeill2n>.
- 738 **FRENCH POLYNESIA**, Papeete, Radio Première Polynésie. The usual powerhouse signal with R&B music at 1317; 2NR strangely absent <https://app.box.com/s/01jinpj8ug23cou0fypsnu4k5orjfr6p>.

- 774 **AUSTRALIA**, 3LO, Melbourne. Potent level sports play-by-play recording with mystery island music station (and speech late on) at 1227 – Philippines?
<https://app.box.com/s/qjigpnfcne0qu03ul9pgmb9a521rr38>.
- 792 **AUSTRALIA**, 4RN, Brisbane, ABC National. Jazz music at potent level //585 at 1305; the usual Kiwi occupant Radio Sport was evicted for the duration
<https://app.box.com/s/o8f3tzrri3g5ma518jh2d2qf2nb4btb>.

THANKS TO THESE REPORTERS

- BB-AZ **BILL BLOCK**, Prescott Valley AZ
 Drake R8
- GDB-WA **GARY DeBOCK**, Puyallup WA
 7.5" loopstick C.Crane Skywave + 15" FSL antenna, Stand-alone 3" FSL Tecsun PL-380
- JcJ-AZ **JOHN C JOHNSON**, Mesa AZ
 Icom IC-R75, 75' N-S and 70' E-W longwires, Kiwa loop
- JP-AB **JON PEARKINS**, Edmonton AB jon@pearkins.com
 CCRadio-2E
- RCN-BC **R COLIN NEWELL**, Victoria BC
 Drake R8, W/NW Flag with Homebrew VACTROL, Wellbrook ALA100



DX WORLDWIDE – EAST – Brandon Jordan – PO Box 338 – Rossville TN 38066
 E-mail: bdjorda@gmail.com all times UTC

Deadline – Sunday Midnight Central Time.

*** TRANSATLANTIC DX ***

- 882 **UNITED KINGDOM**, BBC Radio Wales, various. 0015 8/11 w/BBC World Service, ID. [Willie-NF]
 900 **SAUDI ARABIA**, SBC Radio Riyadh, Qurayyat. 0010 8/10 news items in Arabic //1521. [Willie-NF]
 909 **UNITED KINGDOM**, BBC Radio 5, various. 0030 8/10 w/Olympic Games coverage, BBC IDs. [Willie-NF]
 954 **SPAIN**, Onda Cero Radio, various. 0010 8/10 talk in Spanish by man, ID. [Willie-NF]
 963 **TUNISIA**, RTT Radio Tunis Chaîne Intl, Tunis. 0030 8/10 w/French talk, music. [Willie-NF]
 981 **ALGERIA**, Chaîne 2, Ouled Fayet. 0000 8/10 w/news in Berber language. [Willie-NF]
 999 **SAUDI ARABIA**, SBC Al-Quran al-Karim, Duba. 0040 8/11 w/Chants. [Willie-NF]
SPAIN, COPE, Madrid. 0005 8/11 w/Spanish talk and promos, ID. [Willie-NF]
 1008 **CANARY ISLANDS**, esRadio, Las Palmas. 2300 8/8 w/man in Spanish commentary, ID. [Willie-NF]
 1044 **SPAIN**, SER San Sebastian, various. 2320 8/10 w/Spanish talk and promos. [Willie-NF]
 1053 **LIBYA**, Radio Libya, Tripoli. 2330 8/8 w/Arabic vocals and talk. [Willie-NF]
UNITED KINGDOM, Talksport Radio, various. 2330 8/10 w/Premiere League talk, ID //1089. [Willie-NF]
 1089 **UNITED KINGDOM**, Talksport Radio, various. 0010 8/10 w/Premiere League talk, ID. [Willie-NF]
 1107 **SPAIN**, Radio Nacional de Espana, various. 2350 8/10 w/vocals and talk in Spanish //1413. [Willie-NF]
 1125 **BELGIUM**, RTBF VivaCite', Houdeng. 2330 8/9 w/French talk, Bangles Song "Manic Monday" Jingle IDs. [Willie-NF]
 1134 **KUWAIT**, Radio Kuwait Main Arabic, various. 0055 8/10 w/Arabic talk, chants //online audio feed (signal over Spain on the frequency). [Willie-NF]
 1179 **ROMANIA**, Romania Actualitati, various. 2350 8/8 w/Romanian talk by man, ID. [Willie-NF]
SPAIN/CANARY ISLANDS, SER Radio, various. 2310 8/10 w/Spanish commentary by two men //1485. [Willie-NF]
 1215 **UNITED KINGDOM**, Absolute Radio, various. 0005 8/11 w/Green Day song, Jingle ID. [Willie-NF]
 1224 **IRAN**, IRIB World Service, various. 0030 8/10 w/Arabic talk, chants //online audio feed. [Willie-NF]
 1250 **SPAIN**, SER Radio, various. 2300 8/10 w/news in Spanish, ID. [Willie-NF]
 1278 **IRAN**, IRIB Radio Iran, Kermanshah. 2355 8/8 w/Farsi talk, mention Iran, music. [Willie-NF]
 1296 **SPAIN**, COPE, Valencia. 2325 8/10 w/Olympic Games coverage in Spanish. [Willie-NF]
SUDAN, SRTC Radio Sudan, Reiba. 0010 8/9 w/Arabic talk, mention Sudan, music, chants. [Willie-NF]
 1314 **SPAIN**, Radio Nacional de Espana, various. 2305 8/10 w/Spanish talk, musicale promo //1305. [Willie-NF]
 1323 **UNITED KINGDOM**, Gold, various. 0010 8/11 w/Gold ID, Jeff Beck song. [Willie-NF]
 1332 **IRAN**, IRIB Radio, Tehran. 2325 8/9 w/Farsi talk, mention Iran, instrumental music. [Willie-NF]
 1341 **NORTHERN IRELAND**, BBC Radio Ulster, Lisnagarvey. 2310 8/8 w/Olympic Games coverage, BBC mentions. [Willie-NF]
 1368 **ISLE OF MAN**, Manx Radio, Douglas. 2330 8/9 w/pop songs, ID, talk. [Willie-NF]
 1377 **TANZANIA**, Radio Free Africa, Mwanza. 2300 8/8 w/Swahili talk, music, ID. [Willie-NF]
 1413 **SPAIN**, Radio Nacional de Espana, various. 2255 8/8 w/woman in Spanish commentary, ID. [Willie-NF]
 1422 **ALGERIA**, Radio Coran, Ouled Fayet. 2310 8/8 w/chants, Arabic talk. [Willie-NF]
 1431 **DJIBOUTI**, Radio Sawa, Arta. 2300 8/8 w/Arabic pop vocals, talk, ID. [Willie-NF]
 1440 **SAUDI ARABIA**, SBC Radio Riyadh, Ras-al-Khair. 0030 8/11 w/teletalk in Arabic //1521. [Willie-NF]
 1449 **SAUDI ARABIA**, SBC Radio Riyadh, various. 2320 8/10 w/man in Arabic //1521. [Willie-NF]
 1458 **GIBRALTAR**, Radio Gibraltar, Maida Vale. 2335 8/8 w/Iron Pop song, ID Bee Gees song. [Willie-NF]
UNITED KINGDOM, Lyca Radio 1458 AM, Brookmans Park. 2315 8/8 w/Asian vocals, ID, talk. [Willie-NF]
 1476 **EGYPT**, ERTU Al-Quran al-Karim, various. 2320 8/10 w/Arabic talk, chants. [Willie-NF]
 1503 **SPAIN**, Radio Nacional de Espana, various. 0015 8/11 w/pop songs, Spanish talk, ID //1413. [Willie-NF]
 1512 **SAUDI ARABIA**, SBC, Al-Quran al-Karim. 2300 8/10 w/chants. [Willie-NF]
 1521 **SAUDI ARABIA**, SBC Radio, Riyadh. 2300 8/8 w/news headlines in Arabic. [Willie-NF]
 1550 **ALGERIA/WESTERN SAHARA**, Saharawi Arab Dem Rep Nat Radio, Rabuni, 2255 8/8 w/Arabic talk and vocals. [Willie-NF]
 1575 **ITALY**, RAI 1, various. 0010 8/9 w/Italian talk, music. [Willie-NF]
UNITED ARAB EMIRATES, Radio Farda, Al-Dhabbaya. 0005 8/9 w/Farsi talk, music, ID. [Willie-NF]
 1593 **FRANCE**, Bretagne 5, Saint-Goueno. 0000 8/11 w/news in French, ID. [Willie-NF]
 1602 **SPAIN**, SER Radio, various. 2300 w/news in Spanish. [Willie-NF]

*** PAN-AMERICAN DX ***

- 610 **MÉXICO**, XEGS, Guasave, Sin. 1108 7/21. Mentions Grupo Chávez, which means it's XEGS, QRM from KCSP, Kansas City MO; and shortly a mention of Sabinas, which means that's XEBX in Coahuila. [Hauser-OK]
 630 **MÉXICO**, XEFB, Monterrey, NL. 1103 7/24. Full ID for XEFB, by SHVA (super-hype voice actor), probably after 6 am NA, mentions **fb630.com**. Poor signal. Here's the program grid page, rather incomplete especially on weekends: <http://fb630.com/programacion>. [Hauser-OK]
 660 **MÉXICO**, XEEY, Aguascalientes, Aqua. 1110 7/21. Song about besos, 1112 ID as "La Kaliente 102.9" which means it's the negligible 50/10 kW AM progenitor, XEEY. [Hauser-OK]
 710 **MÉXICO**, XEDP, La Ranchera de Cuauhtémoc, Ciudad Cuauhtémoc, Chih. 1104 7/24. Choral NA and 1105 full ID as "XEDP, La Ranchera de Cuauhtémoc", plus sung ID. Not the usual SRS big signal we get, but barely audible, poor with CCI, so maybe closer to 100 watt night power than 7000 day? At least they are using the on-frequency transmitter; in fact, come to think of it, have not heard their off-frequency hetter from second transmitter site lately. [Hauser-OK]
 990 **MÉXICO**, XET, Monterrey, NL. 1104 7/21. XET, La T Grande, opening news block 'Enlace 99' until 10 am (15z). [Hauser-OK]
 1030 **MÉXICO**, XEYC, Ciudad Juárez, Chih. 1117 7/21. 6:17 TC "tiempo del centro de México", during newscast, loops WSW, vs KCTA gospel huxter south in English. Therefore I think this is still XEYC, not having QSYed to 1420 contrary to some reports, with Milenio Radio originating in the DF, but courteously specifying the time zone of check which is not applicable in Chihuahua; just like Central Americans have to put up with Eastern zone references whether specified or not, as if that were the default USA standard. [Hauser-OK]
 1620 **CUBA**, 0050 8/5. Latin music into 8:50 TC, "La FM de Rebelde" ID in passing, so not //5025, 1180 which are in sports talk (during beisbol?). What is it about this AM X-band Rebelde outlet which would rather relay the FM network? [Hauser-OK]

CONTRIBUTORS

[Willie-NF]

Allen Willie VOPC1AA, Carbonear NF, 47°44'15N/53°11'46W Grid Square GN37JR
ICOM R-75 w/600 foot/183 metre 14 gauge insulated random copper wire to South East @ 135 Degrees.

[Hauser-OK]

Glenn Hauser, Enid OK, USA
DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; ICR-75 with E-W longwire;
FRG-7 with NW-SE short wire



TROPICAL BAND DX (1710-5100 kHz) – Brandon Jordan – PO Box 338 – Rossville TN 38066
E-mail: bdjorda@gmail.com
all times UTC

Deadline – Sunday Midnight Central Time

3945 **JAPAN**, Radio Nikkei 2. 1100 8/8. Hard rock, then pop with female vocal, Good. [Barton-AZ]

4055 **GUATEMALA**, Radio Verdad. 1130 8/8. Church choir. Good with intermittent lightning crashes. [Barton-AZ]

CONTRIBUTOR

[Barton-AZ]

Rick Barton, El Mirage AZ
Radio Shack SW-2000629 and whip or Grundig Satellit 750 w/indoor random wire



ULTRALIGHT NEWS – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com

July 2016 Rockwork 4 Ocean Cliff DXpedition An International Team Gets Full “Exposure” to a Wild New DXing Venue By Gary DeBock, Puyallup WA, USA August 2016



Introduction: In the previous century the outstanding receivers developed by the Japanese Sony and Panasonic companies introduced many of us to the thrill of shortwave listening as teenagers, and created an unusually dedicated DXer hobby group in Japan, as well. The Japanese MW-DXing group has all along been extremely active in the hobby, although the challenge of English communication has somewhat limited their interaction with other DXing groups.

Recently I was highly honored to introduce several modified Ultralight radios to the Japanese DXers, who not only tried these out with great interest, but who also designed and set up modification procedures for Japanese-made equivalents. One of the leaders in this effort was Satoshi Miyauchi, who has already built not only his own 7.5” loopstick Tecsun PL-380 model, but has also built his own 3 inch and 4.25 inch FSL Tecsun PL-380 models as well. When Satoshi-san inquired about the possibility of participating in one of our Rockwork 4 ocean cliff DXpeditions this summer (along with his friend, the famous Japanese MW-DXer Hiroo Nakagawa), I was thrilled to issue the invitation.

The Rockwork 4 turnoff site on Highway 101 is a sweeping ocean view site about 419 feet (158 meters) directly above the Pacific near Manzanita, Oregon. This would be the first time that any international visitors would participate in an ocean cliff DXpedition. Our North American TP-DXing group has always had a great interest in Japanese DX and Japanese DXers, and this would be the first major North American DXpedition to feature MW-DXers from both countries. Canadian Nick Hall-Patch (of Victoria, B.C.) also was highly interested in participating with the Japanese, and as such, our 5-man DXpedition group was composed primarily of DXers from other countries (with only Tom Rothlisberger joining me as repeat American participants).

Although my own DXpedition efforts started on the morning of July 5th, Nick and Tom both joined up for the session on Saturday, July 9th. We all welcomed our Japanese guests (with a joint dinner at the aptly named “Tsunami” restaurant in Wheeler, Oregon) that evening, and prepared for what we hoped would be a very memorable DXing session early the next morning.



Well, it certainly was very memorable – in the worst possible way. A toxic mix of gale force winds and pounding rain was hammering the ocean cliff site as soon as we arrived for antenna setup at 1015 UTC (0315 local time), which was far and away the worst weather that any of us had ever experienced in an outdoor DXpedition. The sensible Japanese had at least brought suitable rain gear for the session, which was more than the careless North Americans had brought. Tom and I ended up thoroughly drenched and shivering as soon as the antennas were set up, while Nick was partially drenched. A single 15 inch FSL antenna was set up on its PVC base and strapped tightly down to the ocean cliff wall with heavy-duty plastic tie wraps, enabling Satoshi, Hiroo and I to track down some New Zealand, Australian and Tahiti DX with our Ultralight radios despite the vicious weather. Tom’s broadband loop supports absolutely refused to stay upright in the gale force winds, and he eventually had no option other than going outside in the nasty weather to hold one of them in the vertical position manually as he recorded DX on his Perseus-SDR. Nick’s active vertical whip was relatively impervious to the vicious weather, but he was drenched from the knees down because of the pounding rain during its early morning setup.



That entire July 10th session was thoroughly miserable for all of us, but both Satoshi and Hiroo showed great optimism and determination throughout the three hour struggle, which made all of us highly motivated to do the same!

Fortunately, DX (and weather) on the next (and final) morning would allow our Japanese and Canadian guests to experience the South Pacific DX propagation of stations like 558-6WA and 558-Fiji) but the chance to welcome the Japanese DXers made the experience especially memorable, and their skill and determination was an inspiration to us all. Listed below are the DU loggings made with my Ultralight radio + FSL antenna combos, which performed quite well throughout the vicious weather challenges on July 10th (better than the drenched and shivering DXer that created them, actually). The DU loggings made by the other DXers will no doubt exceed these, but we all had great fun together, and are looking forward to the next joint DXpedition (either here, or in Japan).



Propagation definitely favored New Zealand throughout the week (in one of the most Kiwi-slanted trips that has ever been observed here). Although we had a near-daily blowtorch signal from 738-Tahiti and occasional reception from 1017-Tonga, Australian signals generally had a rough time in the NZ-slanted conditions. Tom and I both agree that overall propagation was down somewhat from the exceptional conditions we enjoyed last summer (when we enjoyed good reception of stations like 558-6WA and 558-Fiji) but the chance to welcome the Japanese DXers made the experience especially memorable, and their skill and determination was an inspiration to us all. Listed below are the DU loggings made with my Ultralight radio + FSL antenna combos, which performed quite well throughout the vicious weather challenges on July 10th (better than the drenched and shivering DXer that created them, actually). The DU loggings made by the other DXers will no doubt exceed these, but we all had great fun together, and are looking forward to the next joint DXpedition (either here, or in Japan).

- 531 **AUSTRALIA**, 4KZ, Innisfail, 10 kW. MIA during Kiwi-slanted propagation on most mornings, it made it through at a modest level with its classic oldies format and interval signal during PI fade at 1209 on 7/5. <https://app.box.com/s/phtsbdii0tatmxeb0qfq677it0emsa3i>.
- NEW ZEALAND**, More FM, Alexandra, 2 kW). Rare low-powered Kiwi station played hard to get, but did show up during a deep PI fade in Kiwi-slanted propagation at 1222 on 7/6. This Kiwi English monolog sounds mostly garbled to me, but the first 5 seconds certainly sounds like "Welcome time to More FM's blog..." (headphones recommended). <https://app.box.com/s/q527grcf5ee5q2l402sjiwl3syn8d8g4>.
- NEW ZEALAND**, PI, Auckland, 5 kW. Samoan broadcaster dominated on all 7 days with good signals, although 4KZ and More FM did manage to get through at times. This good-level Samoan female speech on 7/5 was typical. <https://app.box.com/s/pe8gr1917b4vn3gccskee5gep6go7cft>.
- 567 **NEW ZEALAND**, RNZ, Wellington, 50 kW. Most of this big gun's legendary transoceanic signal seems to have been destroyed along with its old tower (during the recent demolition). It showed up weakly on all 7 days, although always inferior in strength to its 675 parallel. <https://app.box.com/s/2mqql3qwk3vxg0ym5iu4tpi5f8ppvj7>.
- 576 **AUSTRALIA**, 2RN, Sydney, 50 kW. Kiwi-slanted propagation hit this RN-network big gun pretty hard, but it did show up with mediocre signals not //657 at 1237 on 7/8. <https://app.box.com/s/g39m6brj1dgh6qwx5i7m8xz45ynqu9yy>.
- NEW ZEALAND**, Star, Hamilton, 2.5 kW. The "Dwarf Star" (ex-The Word) was strong enough with its Christian female vocal music to confirm the parallel with 657 at 1244 on 7/11. The first 12 seconds in the recording are 576-Star, and the last 12 seconds are the 657 parallel. <https://app.box.com/s/m548dxdvwu1ke99z4e1y2r12prdf809>.
- 585 **NEW ZEALAND**, Radio Ngati Porou, Ruatoria, 2 kW. Wispy male speech was received at 1234 on 7/6 sounding like the usual Maori announcer, but the 603 // apparently started a new song right during the parallel check. Signal nosedived thereafter.
- 594 **NEW ZEALAND**, Rhema, Timaru/Wanganui, 5/2 kW. Modest level Christian music //684 at 1250 on 7/6. Usually a little stronger than the 684 parallel, with no sign of Aussie big gun 3WV during the Kiwi-slanted conditions. <https://app.box.com/s/m2d7qbws87z5z1jg8d8n4lvqzm298p8k>.
- 603 **NEW ZEALAND**, Radio Waatea, Auckland, 5 kW. Usually the strongest of the Maori network, this vibrant regular plays a mix of Maori and Motown music. Its strongest signal was on the last day (7/11) at 1218. <https://app.box.com/s/xdxju7jr1flspiln9nz1havsvd8gy85o>.
- 657 **NEW ZEALAND**, Star, Wellington/Tauranga, 50/10 kW. Christian hymn broadcaster owned the frequency during the Kiwi-slanted conditions, with this good-level music at 1211 on the last day of 7/11. <https://app.box.com/s/mxti60qwfcc3298c541ak4k5p9s3vj5>.
- 675 **NEW ZEALAND**, RNZ National, Christchurch, 10 kW. The new kingpin of RNZ network transoceanic strength (after the demise of 567's old tower), this relay consistently outperformed its 50 kW parallel. This signal at 1257 on 7/8 was typical. <https://app.box.com/s/wx9b9i1dex7mqyrb9b9zgbnk1n3svvew>.
- 684 **NEW ZEALAND**, Rhema, Gisborne, 5 kW. Christian contemporary music broadcaster with fairly good signals //594 at 1247 on 7/9; Tony W says that the tower property has been sold and eviction is forthcoming. <https://app.box.com/s/691ddrcchgyaiko5pgpll2jp1nu1en91>.
- 702 **AUSTRALIA**, 2BL, Sydney, 50 kW. Easily pushing 702-Magic aside whenever it showed up, this Oz big gun was the dominant station on both 7/7 and 7/10. The interview format was much different from Magic's oldie music. <https://app.box.com/s/f0qfop5x7ymw1gbyowg65obveuqjwf6m>.
- NEW ZEALAND**, Magic, Auckland, 10 kW. Capable of blistering signals when Kiwi propagation was enhanced, this oldie music broadcaster was the only DU on the frequency on 5 of 7 days. <https://app.box.com/s/gtd8u8zxdwupiryccbs099kigyum2ja5c>.
- 738 **TAHITI**, Radio Polynesie, Mahina, 20 kW. A real blowtorch on most days, this French-language signal at 1233 on 7/9 was the strongest DU recording made during the trip, and seriously tested the crunch resistance of my Ultralight radio. <https://app.box.com/s/pw2gpfgh7vd19b33yz8ag7466y18462t>.
- 756 **NEW ZEALAND**, RNZ, Auckland, 10 kW. Pretty good signal with music //675 at 1212 on 7/8, a good demonstration of the cliff's ability to cut down splatter from the 750-Portland pest (50 kW and only 70 miles away). <https://app.box.com/s/qlx6esrtgccrg32pkwqt0yr71suuw52d>.
- 765 **NEW ZEALAND**, Radio Kahungunu, Napier-Hastings, 2.5 kW. Once again this low-powered Maori network station acted very much like a Kiwi big gun throughout the week. Maori and Motown music is the norm, as in this recording //603 at 1215 on 7/8. <https://app.box.com/s/p04c5i3fvvpxfw449nbsa2jlmwmpsh6n>.

- 774 **AUSTRALIA**, 3LO, Melbourne, 50 kW. LR Network big gun was strong at 1222 on 7/5 but missing in action under Radio Sport on most days. <https://app.box.com/s/egf89xh29obvisblm7cb9bzehid62jh>.
NEW ZEALAND, Radio Sport, New Plymouth, 5 kW. Not nearly as strong as its 792 parallel, it was hit hard by Seattle splatter on most mornings, and never came up in strength for a decent recording.
- 783 **NEW ZEALAND**, Access Radio, Wellington, 10 kW. Multi-cultural station with varied ethnic programming, this apparent Samoan language music and speech was received at 1241 on 7/7. <https://app.box.com/s/yg4xp9r7er4hyul4jvcpsr5x747vqkf2>.
- 792 **NEW ZEALAND**, Radio Sport, Hamilton, 5 kW. Fairly strong on most mornings with its network relay of Fox Sports News, the Yankee-accented English owned the frequency on all 7 days (over the MIA Oz big gun 4RN). <https://app.box.com/s/um0gfok28blvq90n0eeoeuuoq3v5jzzy>.
- 828 **AUSTRALIA**, 3GI, Sale, 10 kW. On a couple of occasions this LR network big gun was just strong enough to confirm the parallel with 774, but most often it was in a ghostly mix with a presumed Radio Trackside (which never came up in strength for a decent recording).
- 891 **AUSTRALIA**, 5AN, Adelaide, 50 kW. Another underperforming Oz big gun, it was usually in a threshold-level mix with another DU English station (probably 4TAB).
- 936 **NEW ZEALAND**, Chinese Voice, Auckland, 1 kW. A prime target during enhanced Kiwi propagation, this low-powered ethnic station came through with fairly good-level music and Chinese speech during exceptional propagation at 1243 on 7/6. <https://app.box.com/s/sng6i7c70sqm3e5bpymy3mfy1dbpbfdn>.
- 1008 **NEW ZEALAND**, Newstalk ZB, Tauranga, 10 kW. Getting through the 1010 splatter at a modest level //1035 at 1220 on 7/7. Generally not as strong as either the 1035 or 1044 parallel. <https://app.box.com/s/8l5sn7mayuwkzs896lbcw4s1e8738dw>.
- 1017 **TONGA**, A3Z, Nuku'alofa, 10 kW. Rushed antenna setup prior to 1130 on 7/9 paid off with a fairly good-level logging of male speech from this station, the only foreign language DU on the frequency. Since A3Z's sign off is usually prior to sunrise enhancement at the cliff, the best chance to track it down is during its late Saturday night transmission, when it typically stays on a little later. <https://app.box.com/s/jz35gvlr8re5ldfql9h6ux0kd04dea5>.
- 1035 **NEW ZEALAND**, Newstalk ZB, Wellington, 20 kW. The flagship relay of this talk radio network had potent signals on most mornings, including this excellent-level discussion concerning NZ real estate at 1222 on 7/8. <https://app.box.com/s/a21xkbbz6pbbqj73lj0ted4ft3jiua>.
- 1044 **NEW ZEALAND**, Newstalk ZB, Dunedin, 10 kW. Fairly strong on most mornings with the usual call-in talk program and occasional music //1035. This recording was at 1210 on 7/9. <https://app.box.com/s/z7flaydc0if63v9qhro7deyvp3rno67d>.
- 1386 **NEW ZEALAND**, Radio Tarana, Auckland, 10 kW. Hindu music broadcaster pounded in when Kiwi propagation was enhanced (as in this recording at 1246 on 7/6), otherwise it got lost in splatter. <https://app.box.com/s/aaguop8hp57aa38eulommx06tm3l22qw>.
- 1503 **NEW ZEALAND**, Radio Sport, Wellington/Christchurch, 5/2.5 kW. Yankee English from the relay of Fox Sports News (//792) was usually audible on this frequency on all 7 days. <https://app.box.com/s/wed793j34pnu0thkuc3w8o7v716gs98>.

73 and Good DX, **Gary DeBock** (DXing at the Rockwork 4 ocean cliff near Manzanita, OR, USA), 7.5" loopstick C.Crane Skywave Ultralights (3) + 15" and 17" FSL antennas

From **Tom Rothlisberger**:



Saturday July 09: Three of us on the ocean cliffside pullout this morning. It took some time to set up everything as this was a new antenna and configuration for me at the cliffs, and I was planning to experiment with a vactrol for the first time. A major setback occurred when my Win10 notebook refused to recognize the Perseus hardware due to a possibly corrupt driver. To make matters worse I did not bring the backup MSI Wind U100 that I have been using for years with good results. Note to self: always bring backup. I wound up borrowing Nick's netbook as he did not need it for experiments that morning. So it was 1222 by the time I started recording. Magic 702 was slamming in and 1KW TAB Trackside on 549 was in nicely but briefly. I didn't think the session was as good as what was experienced last year but everything was working and signals were loud at times, usually briefly, before settling back down into the noise. Little high band action but 1503 Radio Sport was in.

Sunday July 10: Driving rain and gale force winds were making things miserable. My antenna spreaders blew down time after time. For the last 15 minutes of the opening I was holding one up outside by hand, the other secured to the rock wall by heavy straps.

This turned out to be a morning favoring Australia. 1116 4BC was ruling the band with huge signals; I had Aussies on 702 and 936 instead of NZ stations. The ABC News fanfare was heard on 891 on the half hour and there was audio on 1566, 1611 and 1701. This was the only of the three mornings the whole band was in although not very robust like it was last August. IDing signals is still ongoing.

We were all soaked to the bone when it was over, my Gore-Tex jacket was no match for that storm. Distinguished visiting DXers Hiroo-san and Satoshi-san were still smiling at the end. That's really the important thing, to have fun and overcome adversity. That we heard any stations at all was an added bonus. And we did hear some! We will always remember this morning.

Monday July 11: Another mostly New Zealand morning, decent signals but they would fade back down after a minute or two, and something else would become strong elsewhere on the band, one at a time. This made getting parallels for ID purposes difficult. On several frequencies NZ and Australia signals were fighting it out. It was another low band morning. The TAB Trackside affiliate on 1224 (1 KW) was briefly good but almost nothing heard above it except for occasional audio from Radio Sport 1503. 738 Tahiti was slamming in with meter-bending signals. Satoshi-san and Hiroo-san seemed very pleased as this station is considered rare and exotic DX from Japan.

Overall: 657 Star gets the award for strongest and longest lasting DU signal over the three days, beating last year's champions 1035 Newstalk ZB and the no longer potent RNZ 567. I had more wire up this year but the signals were really no better. I failed to find a "sweet spot" with the vactrol for reducing splatter from the Portland powerhouses.

Longwave: DX NDBs were practically non-existent. I am wondering if the antenna configuration made it deaf at LW, or if conditions were really that terrible. Only one DX station, 352 KHz "RG" Nikau, Rarotonga, Cook Islands was noted. 531 PI was also exceedingly weak so I suspect the antenna. I will be changing things again at my next visit to the ocean cliffs to ensure I get more LW action.

73, Tom K7WV

From **Nick Hall-Patch**:



As promised, a logging or two, and a couple of photos:

- 549 **NEW ZEALAND**, Napier-Hastings, TAB Trackside Radio. Man talking, sounded like announcing a horse race, becoming fair //828 1220 7/9. (NHP)
594 **NEW ZEALAND**, Timaru/Wanganui, Star. Light music, poor strength, //909 7/10. (NHP)
693 **NEW ZEALAND**, Dunedin, Radio Sport. Poor to fair strength, American sport talk //792 1225 7/9. (NHP)
729t **NEW ZEALAND**, Tokorua, Radio New Zealand National. Light Dixieland style music, poor strength, seemed //675 but slightly offset so hard to say for certain. Only there for a minute or two, 1212 7/9. (NHP)
747 **JAPAN**, Sapporo, JOIB. Briefly poor and //774, with man in what sounded like Japanese, certainly not DU English, 1136 7/10. (NHP)
774 **NEW ZEALAND**, New Plymouth, Radio Sport. Fair to good signal, earlier //792 with American sport talk, bit of electrical noise, unusual for this quiet location, 1227 7/9. (NHP)
792 **NEW ZEALAND**, Hamilton, Radio Sport. American sport talk, fair strength in splatter //774 1224 7/9. (NHP)
828 **NEW ZEALAND**, Palmerston North, TAB Trackside Radio. Horse race announcer, fading up to good strength with a little splatter, 1223 7/9, earlier IDed by //549. (NHP)
1611t **AUSTRALIA**, but who? 1216 7/10. //1629. http://www3.telus.net/public/shallpat/rockworks/1611_1629parallel_20160710_1216.wav. Not what I would call listenable, but somewhat identifiable DX, could be a preacher, which might be Vision Radio Network, but several sites on each channel. Not heard on other days, so a bit out of the ordinary. (NHP)

(NHP) RFSpace NetSDR, RFSpace SDR-14 running DX Fishbarrel program; AMRAD active 4' whip antenna

From **Satoshi Miyauchi**:

July 28: It is just like last week that we had been there! All those memories are good to remember, including the very precious "welcoming" weather on 10th morning! It just showed that even for short period of stay, at least TWO sessions might be required....

DXing results are of course something that we really appreciate out of the DXpedition, but simply the fact that we could meet up and DXing together means a lot! And also both Hiroo and me were very much impressed by all of your efforts even in the middle of darkness and especially in the stormy weather. As for us also, it was the worst weather we ever had on the day of DXpedition! So in many ways we could get "first ever" in this joint DXpedition! We hope that we all can meet sometime in the future either at the cliff, Cliff in Japan, or any other location in the world! Thanking you once again for your hospitality, and actual support on equipments that we could use throughout the DXpedition!

Best 73, **Satoshi Miyauchi**

DXPEDITION VIDEOS

First Day Tour (July 5th, FSL antenna setup). <http://www.youtube.com/watch?v=MBeoUF0ruvQ>.
July 9th Antenna Setup (Tom, Nick and Gary). <http://www.youtube.com/watch?v=V8Kn2vrBzK0>.
Japanese DXers Arrive at Rockwork 4 (July 9th). <http://www.youtube.com/watch?v=l4cz1otmP3o>.
The Session from Hell (July 10th). <http://www.youtube.com/watch?v=Lw9k6E08eME>.
Final Day Success (July 11th). http://www.youtube.com/watch?v=cjda-ko_oQE.

SPECIAL FEATURES

Searching DX Monitors Jon Pearkins

How do you find information on a station that you want to hear, or think might be that UniD you heard last night? If your answer is **DX Monitor**, you may not be aware that Adobe has always had a free PDF reader with an **Advanced Search** feature that can be used to search all issues of DXM published since Volume 28 began on September 8, 1990. All at once, albeit slowly, but you will find that a second search of the same set of issues is much faster than the first, thanks to your operating system's *File Caching*, which keeps recently-read files in memory.

Advanced Search requires .pdf files of each DXM that you want to include in your search. The e-mail that you receive as each issue of DXM is published includes a link to view or download that issue in PDF format. Hopefully, you have been saving those .pdf files. For issues prior to Volume 51 (Summer 2013), you can buy **DX Monitor on DVD**, which has just been updated to include every issue from Volume 1 to 50, though only Volumes 28 to 50 are searchable.

The DXM issues that you want to search through must all be accessible from a single directory ("Folder") on your computer, but can be organized into subdirectories within that single directory. Since all of those subdirectories will be searched, you will want to remove any DXM issues or other .pdf files that you do not want to be included in your search. You will also want this directory on a *hard drive*, not on flash drives, memory cards (from cameras or smartphones), DVDs or CDs, which can be painfully slow. Given a choice of hard drive, I found **SSD** is 60% faster than a mechanical *disk drive* on the first search.

Since *DX Monitor on DVD* is organized with subdirectories for each Volume (one year of DXM issues), I use the same approach for more recent issues. If I search more than one Volume at a time, I create a new directory and move the directories for all of the Volumes that I want to search at once.

What follows is based on **Acrobat Reader DC**, available free from **adobe.com** for Mac and Windows. Adobe Acrobat is offered for smartphones and web browsers, but without Advanced Search. Where differences exist, Windows 10 usage is described.

Assuming that you have just opened Acrobat Reader DC, you should see a *Menu Bar* in the top left corner of the window: *File Edit View Window Help*. Click on **Edit**, then **Advanced Search** from the drop-down menu. If you cannot find the *Menu Bar*, try the shortcut key Shift-Ctrl-F: hold down both the Shift and Ctrl keys while hitting F.

A smaller Search window will appear. In the upper section, click the circle beside "All PDF Documents in" and click the Down Arrow "v" to the right of My Documents, to display a drop down. Click on "Browse of Location" which will open another small Browse window. Hopefully, you can find your directory of documents by navigating from here, but, if not, click on "This PC" to see your hard drive(s) and other devices, and navigate from there.

Once you have found the directory of DXM .pdf files that you want to search, be sure it is highlighted, either by mouse clicking once on it, or using the up/down arrows on the keyboard. Then click the OK button, which will close the small Browse window.

Back in the larger Search window, it is time to specify what you are looking for. As you will see in the "What word or phrase would you like to search for?" section, it is a very basic search, by exact sequence of characters, including blanks. Checkboxes allow the search to be restricted to "Whole words only" and/or "Case-sensitive" (exactly the way you type it, in terms of Capital and Small letters).

It is important to understand that two methods were used to create the search words found in the DXM PDF files. The earlier DXM issues were scanned and then processed with Optical Character Recognition (OCR), an error-prone method of identifying letters, numbers and other characters from an image of a page. For example, I found the frequency 830 KHz as B Thirty in one of those early searchable issues.

Newer issues are much more reliable since the PDF file was created directly from a word processing document, eliminating the need for OCR, because all of the characters were available for building a search index in the PDF file.

All of which means that all letter or all digit searches are more likely to give you what you want. And the shorter, the better. For example, the best search for references to former IRCA President Larry Godwin would be "godw" with no checkboxes selected. For three letter call letters, "Whole words only" can help eliminate any four letter call letters that include those three letters in a row. Likewise, with 580, to prevent matches to 1580.

Avoid the temptation to search for "WOAI 1200" because that will not match "WOAI-1200" or "WOAI" at the end of one line and "1200" at the beginning of the next line. Likewise, "Larry Godwin" is a poor choice for a search phrase.

Once you hit the Search button, you will likely see a Security Warning: "The operation you are trying to perform potentially requires read access to your drives. Do you want to allow this operation?" Click the Allow button.

Results will be displayed as they are found, so you can view the first ones before the search is actually complete. Each DXM issue containing at least one search match is displayed with "Volume" and "No" in the title. Click on the small "+" to the left of the title to see the context of each occurrence of your Search. Click anywhere in the context to open the PDF file and go directly to the Search location in that issue of DXM. Opening one PDF file does not close the previous one.

Corrupt PDF files are indicated by the message "Search has skipped 2 files because either these files are corrupt or you don't have permissions to open them"; click the OK button. Copies of *DX Monitor on DVD* before August 2016 had corrupted files for Vol 40 No 24 and Vol 44 No 11; e-mail Phil Bytheway for new copies of those files.

Information here is based on the current (July 2016) versions of DX Monitor on DVD, Acrobat Reader DC and Windows 10.

A New Contender for Best AM DX Under \$200
Jon Pearkins

The new **Sangean HDR-18** gets top marks on its initial review on radiojyallen.com. Broadcast Engineer Jay Allen does hands-on AM and FM evaluations of portable radios, which makes his site the *go-to place* for those of us not wanting to spend more than \$200 for a DX receiver, but not needing to restrict ourselves to Ultralights.

Jay is still testing to determine whether the HDR-18 will unseat his current two top rated portables:

1. Panasonic RF-2200 (manufactured in the late 1970s)
2. CC Radio-2E (C Crane)

Beyond comparable DX performance, the HDR-18 adds HD for both AM and FM, which Jay rates as "excellent" in terms of sensitivity, a key factor given that the HD components of a station's signal are typically powered at only 10% of the station's licensed power. With my SPARC SHD-TX2, I struggle to get a few seconds of uninterrupted HD from KSL-1160, by far, the strongest station here with HD.

Of course, there is no "best radio" for every location and every DX situation. I recently tuned both a CC Radio-EP and CC Skywave to the same AM frequency with two competing skywave signals. One was better for listening to one station, and the other better for the other station, after optimal positioning of both internal antennas for each station.

In my previous QTH, given my lack of soldering expertise, the CC Radio-EP was about my only affordable choice because of its switch to disconnect the internal antenna, and terminals to connect an external antenna. The internal antennas of it and every other radio that I tried were overloaded by 50KW CFRN-1260, located 3 miles West, and heard on every frequency 200 KHz above and below.

Used with an unamplified tuned loop antenna like the TERK Advantage eliminates the problem, but creates another: weak signals cannot be heard. Thanks to the *low Noise Floor* of the Audio section, further amplification is possible via the Line In jack of a *Boom Box*.

For those of us who DXed in the late 1960s, the Lafayette HA-230 was generally considered the best of the cheapest tube-based communications receivers. The CC Radio-EP, TERK Advantage and a *Boom Box* for amplification give me similar results to how I remember the HA-230 with 3' tuned box loop and external speaker.



GEOMAGNETIC INDICES – Compiled by: Phil Bytheway
E-mail: phil_tekno@yahoo.com

Geomagnetic Summary July 1 2016 through July 31 2016
Tabulated from email status daily (K @ 0000 UTC.)

Date	Flux	A	K	Space Wx										
7/ 1	72	7	1	no storms	7/12	92	21	3	minor, G1	7/23	86	8	2	moderate, R2
2	71	9	4	no storms	13	97	8	2	no storms	24	82	14	4	minor, G1, R1
3	72	8	3	no storms	14	95	12	2	no storms	25	74	18	2	no storms
4	74	7	2	no storms	15	102	11	3	no storms	26	74	5	1	no storms
5	72	4	1	no storms	16	107	8	2	no storms	27	72	4	2	no storms
6	77	5	3	no storms	17	105	6	2	no storms	28	70	15	3	no storms
7	83	23	4	minor, G1	18	107	4	1	no storms	29	71	14	1	no storms
8	87	23	2	minor, G1	19	101	10	5	minor, G1	30	71	6	1	no storms
9	92	14	2	no storms	20	108	23	1	minor, G1	7/31	72	3	0	no storms
10	94	10	2	no storms	21	100	5	2	no storms					
7/11	95	11	3	no storms	7/22	90	8	2	no storms					

Gx – Geomagnetic Storm Level

Rx – Radio Blackouts Level

Sx – Solar Radiation Storm Level



2016-2017 IRCA DX CONTEST – Manager: Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212
E-mail: NancyJohnson@prodigy.net

2016-2017 IRCA DX CONTEST RULES

This season every station 530-1710 kHz will count. All domestic and foreign stations will be worth one point! Some stations that have not been eligible in the past you will be able to report this season, such as TIS and HAR stations and stations on split frequencies.

The contestant with the most total points at the end of the contest will be determined the winner.

The contest will be open to all IRCA members in good standing. Entrants will be disqualified if they cease to be members of the club. The contest will run from 0001 September 1 2016 through 2359 May 31 2017. You may join the contest at any time during the year.

All loggings must be made within 25 miles of your main DX location. If a person moves during the contest they may start over at the new location.

To count a US station, you must hear the actual call letters. To count a Canadian, Mexican or foreign station, you must hear the actual call letters or hear a recognized slogan plus location. Loggings may be first time heard, or relogs of stations heard before. If a station changes call letters it may be relogged and be counted.

Contest entries must list station call letters, frequency, location, date and time of logging.

Your contest report of stations heard in any particular month must be postmarked by the 5th day of the following month. For example, a station heard on September 12th must be submitted by October 5th to be eligible. Failure to do this will disqualify the item in question for points. Contest entries must not be sent along with WDXR DX tips as they easily become lost when filed away in the WDXR file. Contest entries may be sent e-mail or postal mail to the address above. E-mail entries must not be "attached files."

The contest manager will have the final word on all station and interpretation of all rules, including disqualification of a station for scoring or a member from the contest.

Standings will be updated on the 15th of each month and results published in the next available bulletin subject to normal deadline delays. The final standings will be tabulated on June 15 2017 and will appear in the July bulletin.

The contest manager may join the contest, but will be ineligible for the prize. There is no entry fee for the contest.

Entry in the contest implies consent to all rules, including those which may appear later as necessity dictates. If you have any questions please write.

Prize: One only \$5.00 IRCA Bookstore Credit for the contest entrant with the most final points. The contestant with the most total points at the end of the contest will be determined the winner. Have fun! 73 – Nancy

IRCA TIS/HAR LIST (Winter 2016)

The **IRCA TIS/HAR LIST** lists all US and Canadian TIS/HAR stations, by frequency, including call letters, state (province,) city, county, licensee, address, coordinates, expiration date and dates of DXM/DXN reports/sources. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through March 1 2016.

The 2016 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: http://www.ircaonline.org/TIS_2016.pdf.

For those preferring a hard copy, one can be ordered from the IRCA.

Prices: **IRCA/NRC members** – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

IRCA Mexican Log, 20th Edition (Winter 2015)

The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

Prices: **IRCA/NRC members** – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

A DXers Technical Guide, 4th Edition (Spring 2004)

In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.

Prices: **IRCA/NRC members** – \$15.00 (US), \$16.50 (Canada) \$18.00 (México), \$20.00 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

IRCA Slogans List (Winter 2015)

This completely revised Slogans List includes radio slogans from the US and Canada (over 4400).

Prices: **IRCA/NRC members** – \$7.25 (US), \$8.50 (Canada) \$10.00 (México), \$10.75 (rest of the world). **Non-IRCA members** – add \$1.00.

Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by knowledge of SR/SS times.

Prices: **IRCA/NRC members** – \$2.25 (US), \$3.00 (Canada) \$3.50 (México), \$4.50 (rest of the world). **Non-IRCA members** – add \$1.00.

IRCA Foreign Log

The IRCA has published nine volumes of the **IRCA Foreign Log** which are still available. Each volume contains the several hundred actual tips that were reported to the DXWW sections during an entire year, compiled and retyped in a book format. In addition, special features include articles on foreign DXing (volumes 6, 7 and 8), utility lists (volumes 7 and 8), shortwave parallels (volume 8) and BCB propagation (volumes 6, 7 and 8). The **IRCA** still has volumes 3, 4, 6, 7 and 8 of the **IRCA Foreign Log** available for \$2.50 each (overseas add \$3.00/book).

An Introduction to Broadcast Band DXing

This tri-folded brochure is ideal for explaining the Broadcast Band DXing hobby and the IRCA. It can be included with reception reports and given to other interested folks. Sub topics include: What is DXing?, Broadcasting's early years, The first DXers, Clubs helped listeners share, Our hobby today and DX clubs still unite listeners. It is two color printed on heavy stock. Price is \$0.35/brochure (US and Canada), \$1.00 (rest of the world). Minimum order is 10.

IRCA Reprints

The IRCA maintains a large file of articles that have appeared in past issues of **DX Monitor**. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. Price for the complete list is \$1.00.

Also from the IRCA. "IRCA REPRINTS ON CD"!!! 648 Reprints. The entire set, now on one CD. Categories include: Antennas, Domestic, Foreign, History, DX Lists, Receivers and Receiver Modifications, and Technical. Check out the table of contents at: <http://ircaonline.org/2004ReprintList.htm>.

Prices: **IRCA/NRC members** – \$10.00 (US), \$11.00 (Canada) \$11.50 (México), \$12.50 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

"DX Monitor" on DVD

IRCA's regular bulletin "**DX Monitor**" Volumes 1 through 49 in .pdf format on 2 DVDs. Re-live the days gone by and re-introduce yourself to the former members who helped make the IRCA great!! NOTE: You will NEED a DVD reader to open the .pdf files. These files were TOO LARGE to use regular CD's.

Prices: **IRCA/NRC members** – \$15.00 (US), \$16.00 (Canada) \$16.50 (México), \$17.50 (rest of the world). **Non-IRCA/NRC members** – add \$2.00.

To order from the IRCA, send the correct amount (in US funds payable to **Phil Bytheway**) to: **IRCA, 9705 MARY NW, SEATTLE WA 98117-2334**. Or, order through PayPal [add \$1.00] to email: phil_tekno@yahoo.com (Phil Bytheway). Please state club affiliation when ordering.

Medium Wave Circle Offerings

We now have available for purchase a downloadable zip file of Sony ICF2001D/2010 information, via our website shop at <http://www.mwcircle.org/shop.htm>.

We are now in the process of uploading volumes of Medium Wave News older than 3 years, in pdf format, to our archive at http://www.mwcircle.org/member_archive.htm. This information is publicly available at no charge – so far we've archived volumes between 2003 and 2011, although as time permits we hope to upload all the older copies we have on file, right back to 1953. Other freely available information are the UK All Time Lists at http://www.mwcircle.org/member_alltime.htm.

Our Facebook Group which can be reached here: <https://www.facebook.com/groups/mediumwavecircle/>.

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.) **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.

CLUB OFFICERS AND CONTACT INFORMATION

President: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334 **E-mail:** phil_tekno@yahoo.com (all proposals, suggestions and gripes go here)

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MEMBERSHIP DUES

Destination	Rate
USA	\$10
Canada and Mexico	\$10
Western Europe	\$10
Australia/NZ/Japan	\$10
Rest of world	\$10

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

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

Pay electronically with PayPal – add \$1 to the price above. Go to www.paypal.com, then send your dues to ircamember@ircaonline.org – contact Lynn Hollerman for more information.

Sample copies of **DX Monitor** are available at phil_tekno@yahoo.com

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

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