



DX MONITOR

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International Radio Club of America

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No new members this time. Once again, no CDXR. Also, no contributions for the **Verification Signers** column this month, next month's deadline is **4/25 1500 ELT**: **Stephen S Howe** – 9 Warner Dr – Saint Albans VT 05478-1575, E-mail: showe@albany.edu. A duplicate of the TVA/RHA ballot can be found on a separate page after the back page. Next issue in 2 weeks! Seattle "DX Monitor" deadline **Monday 4/18 6 PM PLT**.

NEW IRCA TIS/HAR LIST (Winter 2016)

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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.

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.

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 host. 73's neerniew@yahoo.com.

Hotel rooms are filling up fast. Make your reservations now!! A tour of WDAF-TV-4, KCMO-710 and WBH-810 plus the Truman Presidential Library and Museum are planned. Maybe even a Chief's Football Game on Sunday afternoon. See you in Kansas City MO!!

Brandon Jordan. Hi folks. I have been in touch with Jerry Smith at WBOB and he advised that QSLs will be forthcoming shortly. He also mentioned that WBOB will be running another test in April, and will contact me when the date is confirmed so I can get an announcement out."



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

E-mail: nhp@ieee.org

2015-2016 Ted Vasilopolous Award (TVA) (vote for one):

- _____ **Gary DeBock** for his Ultralight experiments and articles, many DX loggings contributed to both the e-mail group and **DX Monitor**, as well as for organizing the UL e-mail group, and ensuring its continuing vigor.
- _____ **Lynn Hollerman** for her continuous support as Secretary/Treasurer for IRCA for many years.
- _____ **John C Johnson** is one of the few remaining charter members of IRCA, DXer for over 50 years, active and regular contributor to DXM, CDXR editor for nearly 30 years, serving on the Board of Directors, and hosting three conventions.
- _____ **Nancy Johnson** for her ongoing editorship of the WDXR column as well as co-hosting the outstanding IRCA convention in Billings MT.
- _____ **Patrick Martin** for his editorship of DXWWW as well as many significant contributions to our hobby over the years as Board member and providing us with examples of coastal DX.
- _____ **Neil Kazaross** for his development of the KAZ and DKAZ antenna, as well as his experimenting with arrays and sharing the results of those developments with other DXers. He has also contributed valuable information about antennas and DXing on club e-mail lists, and through talks at conventions.

_____ (name/reason)

(There is a write-in space above to vote for any IRCA member, except for the following members who have won the TVA in the last five years and are ineligible this year: **Eric Bueneman**, **Nick Hall-Patch**, **Lee Freshwater**, **Richard C Evans**, and **Phil Bytheway**.)

2015-2016 Ric Heald Award (RHA) (vote for one):

- _____ **Bill Block** for serving his first term on the Board of Directors and his loggings contributions over the past year.
- _____ **Ernest Wesolowski** for his involvement with the Fort Wayne convention last year and co-hosting the Kansas City convention this year.
- _____ **Bob Wien** for his work on the Broadcasting Information column over the past year.

_____ (name/reason)

(There is a write-in space above to vote for any IRCA member, except for the following members who have won the RHA in the last three years and are ineligible this year: **Phil Bytheway**, **Mark Connelly**, and **Kraig Krist**.)

This ballot must be RECEIVED by the Election Committee Chairman, **Nick Hall-Patch**, no later than 0001 hours Eastern Standard Time, May 15 2016. You may simply state your votes in a regular e-mail text, if you so choose. E-mail to: nhp@ieee.org



DATE OF COLUMN: March 26 2016, Column data span: March 12-26 2016, Data courtesy of Stationintel.com, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
950	KRWZ	Parker, CO	KKSE
1030	WBGS	Point Pleasant, WV	WTHQ
1450	WTOD	Hartsville, SC	WLQR
1470	WLQR	Toledo, OH	WTOD
1540	WLEE	Richmond, VA	WONA
1570	WONA	Winona, MS	WLEE

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ CALL CITY OF LICENSE

610	WAGG	Birmingham, AL
630	WJDB	Thomasville, AL
750	WRIK	Brookport, IL
810	WRSO	Orlovista, FL
	WPIN	Dublin, VA
860	WDMG	Douglas, GA
910	WSRP	Jacksonville, NC
950	KKSE	Parker, CO
1050	WFSC	Franklin, NC
1150	WTMP	Egypt Lake, FL
1180	WLTT	Carolina Beach, NC
1230	KSLO	Opelousas, LA
1320	WENN	Birmingham, AL
	WDDV	Venice, FL
1330	WVHI	Evansville IN
1340	WMDR	Augusta, ME
	WYCK	Plains, PA
1370	KAWL	York, NE
1400	WIRA	Ft. Pierce, FL
1430	WOIR	Homestead, FL
1450	WSDV	Sarasota, FL
	WLQR	Hartsville, SC
1490	WKRO	Cairo, IL
	WCSV	Crossville, TN
	KYZS	Tyler, TX
1520	KFXZ	Lafayette, LA
1530	WLAK	New Holstein, WI
1560	KZIZ	Sumner, WA
1660	KTIQ	Merced, CA

NEW INFORMATION

old slogan: "WAGG 610 AM/102.1 FM", new: "WAGG 610 AM/100.1 FM"
 now silent
 was news/talk, now country, old slogan: "AM 750", new: "River Country 97.5"
 adds slogan: "Your Brazilian Radio In Orlando"
 was Westwood One Real Country, now ESPN Radio Network, old slogan: "Real Country I-81", new: "ESPN Blacksburg"
 was sports, now Spanish, adds slogan: "La Que Buena 860"
 now silent
 was unknown format, now country, adds slogan: "92.5 The Wolf" (was KRWZ-ye ed)
 old slogan: "1050 WFSC", new: "104.9 WFSC"
 was urban adult contemporary, now rhythmic oldies, adds slogan: "Boomin' 1150"
 adds R&B oldies format, old slogan: "Today's Christian Talk 1180", new: "Talk and Old School Classics"
 was Spanish adult hits, now regional Mexican, old slogan: "Juan FM", new: "El Sabor Radio"
 was hot adult contemporary, now soft adult contemporary, old slogan: "All The Hits 100.1", new: "Easy 102.1"
 was adult standards, now news/talk, old slogan: "Sunny 1450/1320 AM", new: "News Radio 1320"
 deletes unknown secondary format
 old slogan: "The Word 1340", new: "The Light 1340"
 was sports, now classic hits, old slogan: "The Game", new: "104.9 The River"
 adds slogan: "Kool 103.5"
 was urban gospel, now ethnic
 now silent
 old slogan: "Sunny 1450/1320 AM", new: "Sunny 1450"
 was urban gospel, now CBS Sports Radio, old slogan: "Glory 98.5 and 540 AM", new: "The Fan"
 old slogan: "AM 750", new: "AM 1490"
 old slogan: "1490 WCSV is Crossville Sports Station", new: "The Ticket"
 was silent, now ESPN Deportes Radio Network, adds slogan: "ESPN Deportes 1490"
 was Spanish adult hits, now regional Mexican, old slogan: "Juan AM 1520", new: "El Sabor Radio"
 was silent, now oldies, adds slogan: "True Oldies 1530"
 was smooth jazz, now ethnic, adds slogan: "KZIZ Radio Punjab"
 was Spanish contemporary Christian, now rock, old slogan: "Radio Amistad Cristiana", new: "105.7 The Bear Rocks"

MEMBER CONTRIBUTIONS

Mike Sanburn of Bellflower CA sends along the following from Scott Fybush (via Pete Taylor) re CBS dumping radio, dated 3/16/16:

There is a LOT of misinformation and wild speculation floating around out there right now. Most of what I've been reading on FB and elsewhere has been way off the mark. Here's what's happening: the CEO of CBS Corp, Les Moonves, said on an investor call yesterday that the company is "exploring" the sale of its CBS Radio division. This division includes the O&O radio stations, 126 of them (IIRC) in 22 markets. It does *not* include CBS Radio News, which is staffed by employees of the CBS News Division and distributed by Westwood One (which is owned by Cumulus.) For a whole bunch of reasons, most of them having to do with taxes, it would make very little sense for CBS to start selling off individual Radio stations to separate buyers, or even to sell entire clusters to buyers.

What's much more likely is that they'll spin the CBS Radio division off as a separately-traded public company (as they did with CBS' outdoor ad division), or that they might engage in a tax-preferred swap with another large company. (One possibility that's being rumored is that CBS Radio might go to Liberty Media, which has a controlling interest in SiriusXM, in exchange for Liberty's Starz cable networks.) It's also entirely possible that CBS management will conclude that there's no benefit right now to a sale and they'll leave well enough alone. In any event, what we now know as CBS Radio is connected only in name and a handful of big-market stations (WCBS AM-FM, WPHT/WOGL, WBBM AM-FM, KNX-KCBS-FM, KCBS/KLLC, KMOX, WCCO) to the "CBS Radio" division of years gone by. Most of today's "CBS Radio" traces its heritage back either to Westinghouse/Group W or later acquisitions from Infinity and American Radio Systems. I wrote more extensively about what's going on at CBS in a column for my subscribers at fybush.com yesterday. I may post it to these lists if there's interest and if it can help quell some of the hysteria that seems to be surrounding yesterday's news.

Kit Sage of Arvada CO sends along the following dated 3/18/16:

The owner of KLIM 1120 Limon (Colorado-ye ed) has applied to increase from 250w-D to 50KW-D with 3 KW critical hours. The day signal would be with a 2 tower array, but it looks like a pretty omni pattern. The city grade contour would take in all of metro Denver, Spgs, and Pueblo. It will be interesting to see if it gets approved and built. He might be able to get a pretty decent price for it if it happens. This mess with the so-called "revitalization" plan is just messing up the FM band to where it will be jammed up even worse than it is now. Crawford just bought a translator in Sterling to move to Denver on Lookout at 95.3. It will carry either KLDC or KLZ, not sure which.

Martin Foltz of Mission Viejo CA sends along the following dated 3/20/16:

Caught mention of this on ABX and tuned in to their new format. Program I'm listening to is new music with English announcer. 980 KFVB now "Desi 9-80 AM, Hollywood's Bollywood station". Mentioned to follow them on Facebook, Twitter and Instagram. <http://tunein.com/radio/Desi-980-s32744/>

Easter is upon us, hope your DX isn't a rotten egg! Still looking for work but have some prospects. Spring has sprung as of last weekend so weather getting warmer, DX winding down, keep on reporting what you hear to this column. 73s. **Bob Wien**



For **March 2016** (April 1 2016 – next update May 1 2016)

BRANDINGS

910 AB Drumheller CKDQ From Q91 to CFCW. Partially simulcasts CFCW 840 Camrose.

NOT QUITE OFF THE AIR

1650 QC Montreal CJRS Was scheduled to go dark on April 1st due to financial difficulties. A last minute ownership change was announced (subject to CRTC approval) which should breathe new life into the station.

AM TO FM CONVERSIONS GRANTED

1450 ON Ear Falls CKDR-4 Move to 97.5 with 50 watts.



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: April 15, April 29, May 13, May 27, June 10, June 24, July 15 and August 12. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (BB) **Bill Block**-Prescott Valley AZ billblock@cablone.net
Drake R8
- (DG) **David Gordon**-Morgan Hill CA dgordon1@hotmail.com
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 John_Johnson@prodigy.net
Icom IC-R75, 70' E-W longwire
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- (JP) **Jon Pearkings**-Edmonton AB jon@pearkins.com
CC Skywave with internal antenna

- *****
- 540 XESURF **BCN**, Tijuana 3/26 strong over XEXT 0059 with "XESURF Tijuana Mexico, Radio Zion" mentioned twice. New for me. (JCJ-AZ)
 - 560 KSFO **CA**, San Francisco 3/27 weak but alone 0905 out of CBS News with traffic and weather for the Bay area. "560 KSFO" ID. New for me. (JCJ-AZ)
+4/1 0858 heard man talking about a big change coming to KSFO. When I returned to 560 after the top of the hour they had faded out so I didn't hear the details. More than likely he was referring to the addition of Ronn Owens from KGO. (NJ-AZ)
 - 810 KGO **CA**, San Francisco 3/31 KGO is stunting now, running a continuous loop promoting "KGO for a new generation" starting 6am on Monday. The morning talk show host, Ronn Owens who has been with KGO for 40 years, is moving to KSFO. (DG-CA)
 - 910 CKDQ **AB**, Drumheller 3/28 0700 now using "CFCW 910" but retains CKDQ call letters. All but 0700-1400 weekdays is simulcast of CFCW-840 with local ads and IDs inserted. Traditional C&W. (JP-AB)
 - 920 KPSI **CA**, Palm Springs 3/19 alone at 2105 out of ABC News with PSA, "You're listening to news talk 920 AM KPSI Palm Springs." New for me. (JCJ-AZ)
 - 1170 KLOK **CA**, San Jose 3/22 strong but mixing with KYET 0059 with numerous "Desi 1170" slogans. Spots in English, KLOK call letters in promo. "Desi 1170 AM, you're listening to KLOK San Jose, San Francisco, and Oakland" legal ID on the hour. New for me. (JCJ-AZ)
 - 1260 KMZT **CA**, Beverly Hills 3/28 0958 classical music, ID finally at 1004 "KMZT Beverly Hills, Los Angeles." Fair through local KBSZ open carrier. (NJ-AZ)
KTRC **NM**, Santa Fe 3/28 mixing with KMZT. Local KBSZ on with just a carrier. 0059 out of talk program with "You're listening to Santa Fe's progressive talk station 1260 KTRC" ID. New for me. (JCJ-AZ)
 - 1290 KKDD **CA**, San Bernardino 3/23 Spanish NOS music, 1003 woman with "KKDD." Fair, then stronger. (NJ-AZ)
 - 1320 KFNZ **UT**, Salt Lake City 3/20 0201-0241 dominating with CBS Sports, K-Fan IDs and local ads. (JP-AB)
CHMB **BC**, Vancouver 3/20 0201-0241 rarely dominating 5kw KFNZ and sometimes disappearing, despite 50kw and broad N pattern. Chinese with female DJ and lots of female vocal music. Little or no sign of KELO. (JP-AB)
 - 1340 KTPI **CA**, Mojave heard 3/23 at 0932 with "Magic 1340." (BB-AZ)
KTOX **CA**, Needles heard 3/30 at 0900 with "1340 KTOX." (BB-AZ)
 - 1350 KSRO **CA**, Santa Rosa heard 3/30 at 0902 with "KSRO Morning News Show." (BB-AZ)
 - 1450 KQTE **CA**, Helendale 3/24 0923 fair with "Steviarino in the Morning on Q-T Radio 1450" into oldie. (NJ-AZ)

Thank you to our WDXR reporters! – Nancy 4/1 1900



EASTERN DX ROUNDUP – Temp Ed: Phil Bytheway – 9705 Mary Ave NW – Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com
DEADLINES: Sunday noon PLT

TUNING THE DIALS THIS ISSUE:

- (KK-VA) **Kraig Krist** (KG4LAC), Manassas VA
Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop

ACROSS THE DIAL

- 1050 WSEN **NY**, Baldwinsville. 3/18 1825-2035. Mixing with WBQH, WEPN, other singing and talk. 1926 jingle "Good times and great oldies. WSEN." (KK-VA)
- 1120 WSME **NC**, Camp LeJeune. 3/24 1825-2035. Mixing with WUST, WKCE, KMOX, ESPN, C&W songs and Spanish singing. WSME also with oldies. 1901 male "WSME Camp Lejeune, W246CJ Jacksonville, WLSG, W231 Wilmington. From Morehead City to North Myrtle this is the Beach Radio Network." 1910 male "94.1 in Leland, 97.1 in Richland. This is the Beach Radio Network." (KK-VA)
- WKCE **TN**, Maryville. 3/24 1825-2035. Mixing with WUST, WSMR, KMOX, ESPN, C&W songs and Spanish singing. WKCE with oldies. 1933 jingle "WKCE". Male "We'll even take your requests and dedications". Chorus "It's the... morning show". Male "The Roger Morning Show... right here on 'Mid Century Radio' 11-20 AM WKCE". (KK-VA)
- UnID 3/24 1825-2035. Mixing with WSME, WUST, WKCE, KMOX, ESPN, C&W songs and Spanish singing. WSME also with oldies. 1958 morse code "III" (the letter I, not a number 1) sent 3 times. (KK-VA)
- 1130 WPYB **NC**, Benson. 3/24 1825-2035. Mixing with WBBR, other talk, preaching and Spanish singing. 1859 male "WPYB... God and country." (KK-VA)
- 1150 WNLR **VA**, Churchville. 3/24 1825-2105. Mixing with WDEL, WWBAG, WAVO, CKOC, preaching and foreign language singing (not Spanish, but unsure of language). 1857 male "This is 'New Life Radio' WNLR. Listen for life". 1929 ET male with WNLR signoff. (KK-VA)



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

Next deadline Monday 4/18 1201 PM PLT. All times UTC/GMT. Currently, a Gary is at a DXpedition at Grayland.

TRANS-PACIFIC DX ROUNDUP

- 558 **REP KOREA**, HLQH, Yeong-il, KBS2. Brief musical peak with the deep-voiced male (//603) through KPQ splatter at 1331 3/29
<https://app.box.com/s/5azmaswt7rllj92s2gq9bea8vfjyamb7>. Deep-voiced male talking through KPQ splatter on 557 kHz at 1332 (headphones recommended) <https://app.box.com/s/xuzhpnbf1u9mmj50v4g4et33e28318f>. (GDB-WA)
- 567 **JAPAN**, JOIK, Sapporo, NHK1. 1215 3/27 faint talk in KVI splash //594. (bp-WA)
- 594 **JAPAN**, JOAK, Tokyo, NHK1. Weak talk 1238 3/23. (bp-WA)
+Japanese female speech at very good level (with the national Police report) at 1314 3/24
<https://app.box.com/s/wzue4hgmm1kahpg3ay68vvt8sgoov8kq>. (GDB-WA)
+Japanese women 1233 3/25. (bp-WA)
+Male talk 1233 3/26. (bp-WA)
+Barely audible at 1212-1214 3/27. (RA-OK)
+1215 3/27 weak talk //567. (bp-WA)
+Music 1242 3/30, poor. (bp-WA)
+Japanese man and woman 1315 3/31 fair. (bp-WA)
+Man and woman talking 1304 4/1, good. (bp-WA)

- 603 **REP KOREA**, HLSA, Seoul, KBS2. Korean pop music with fair level peaks at 1347 3/24 <https://app.box.com/s/kpn6h5gir12woyiodp07fbn7x9hgx72>. (GDB-WA)
 +Anemic pop music at 1348 3/27 hosted by the deep-voiced male (received on 2" FSL PL-380)
<https://app.box.com/s/s2ywwsun42h7yo2cgs1o749hmju1zus5>. (GDB-WA)
- 657 **DPK KOREA**, Pyongyang, Pyongyang BS. Korean Woman 1302 3/23. (bp-WA)
- 666 **JAPAN**, JOBK, Osaka, NHK1. 1234 3/23 bits of music sounded //594. (bp-WA)
 +1304 4/1 Japanese talk //594, poor. (bp-WA)
- 693 **JAPAN**, JOAB, Tokyo, NHK2. Man and woman talking 1334 3/22. (bp-WA)
 +Weak Japanese talk 1309 3/23. (bp-WA)
 +Briefly faded up with English lesson 1255 3/24. (bp-WA)
 +Japanese man 1229 3/25, then English lesson starting at 1230. (bp-WA)
 +1239 3/26 male talk //774. (bp-WA)
 +Japanese male 1246 3/27. (bp-WA)
 +Faint music 1330 3/28, very faint talk 1332. (bp-WA)
 +Chinese lesson 1332 3/30, fair. (bp-WA)
 +English lesson 1256 3/31 good. (bp-WA)
 +Japanese talk 1305 4/1, good. (bp-WA)
 +Heard at 1309 4/1. (BB-AZ)
- 702 **JAPAN**, JOKD/JOFB, Kitami/Hiroshima. 1303 4/1 weak talk //693, much KIRO splat. (bp-WA)
- 729 **JAPAN**, JOCK, Nagoya, NHK1. Weak female talk 1319 3/30, poor. (bp-WA)
- 738 **TAIWAN**, Baisha, BEL2. Chinese pop music with fair peaks hosted by the usual hyped-up male announcer at 1347 3/30
<https://app.box.com/s/swy8qr7mot5n0hox0so2hubn0amr2ooq>. (GDB-WA)
- 747 **JAPAN**, JOIB, Sapporo. NHK2. 1336 3/23 Chinese lesson //774. (bp-WA)
 +Time pips 1300 3/24. (bp-WA)
 +1305 3/25 woman talking //774. (bp-WA)
 +1207-1208 3/27 with fair signal //JOUB. (RA-OK)
 +Briefly good 1230 3/27 with male monologue. Mostly poor-nil after 1232. (bp-WA)
 +Very weak talk 1333 3/28. (bp-WA)
 +Japanese talk 1326 3/30, fair. (bp-WA)
 +English lesson 1250 3/31 fair. (bp-WA)
 +Very good level Chinese lesson start at 1330 3/31; strongest signal ever on these models
<https://app.box.com/s/Onp2hpxk19uw2urh4u3yr5fo1se54wnz>. (GDB-WA)
 +Male talk 1322 4/1, good. (bp-WA)
 +Was barely audible briefly at 1140 4/2. (RA-OK)
- 774 **JAPAN**, JOUB, Akita, NHK2. Weak talk 1327 3/22. (bp-WA)
 +Chinese lesson 1335 3/23, nice signal. (bp-WA)
 +Chinese lesson 1336 3/24. (bp-WA)
 +Time pips 1300 3/25, then Japanese talk by various people. (bp-WA)
 +Weak talk 1238 3/26, time pips 1300. (bp-WA)
 +1203-1218 3/27 peaking to fair strength, QRM from KSPI 780. Even audible on barefoot receiver at 1205. (RA-OK)
 +1215-1235 3/27 quite strong at times, man //747. Mostly poor-nil after 1235. (bp-WA)
 +Nice signal 1327 3/28. English lesson talking about global warming. Good. (bp-WA)
 +Between 1148 and 1201 3/30 using my Skywave receiver with the 8-inch FSL. The signal strength was poor at best. No other TP signals were observed. (RA-OK)
 +Japanese man 1319 3/30, good. (bp-WA)
 +1144-1152 3/31 poor to fair strength at 1144 with moderate lightning static, improving to fair at 1146, peaking at good strength at 1150. Signal was audible on barefoot PL-606 at 1150. 1200-1202 poor with man and woman talking. Moderate static and slight QRM from local daytimer KSPI 780 (s/on 1200). (RA-OK)
 +Chinese lesson 1332 3/31 good. (bp-WA)
 +Was heard 4/1 fair at 1155 tune-in but the signal was gone by 1157. Heard on PL-606 with 8-inch FSL. (RA-OK)
 +Chinese lesson 1332 4/1, good. (bp-WA)
 +Was barely audible to poor at 1145-1151 4/2. (RA-OK)
- 828 **JAPAN**, JOBB, Osaka, NHK2. Chinese lesson //774 1332 3/23. (bp-WA)
 +1300 3/25 then weak talk //774. (bp-WA)
 +1226 3/27 male talk //774. (bp-WA)
 +1329 3/30, poor, talk //774. (bp-WA)
 +1310 3/31 woman //774 poor. (bp-WA)
 +1333 4/1 Chinese lesson //774, fair. (bp-WA)
- 864 **UnID**. Faint talk 1339 3/30, poor. (bp-WA)
- 873 **JAPAN**, JOGB, Kumamoto, NHK2. 1301 3/25, woman //774 during one second pause in KIXI audio. (bp-WA)
 +Male talk //774 when KIXI splash relented a bit 1219 3/27. (bp-WA)
- 890 **ALASKA**, KBBI, Homer. Presumed, briefly atop CJDC 1344 3/23 with "Democracy Now" program, otherwise barely there. (bp-WA)
 +Legal ID 1259 3/18, jazz fill to ToH, then "Democracy Now", fair u/CJDC. (bp-WA)
 +Presumed with Democracy Now program topping CJDC 1322 3/31 good. (bp-WA)
 +1259 4/1, huge signal ending BBC program, legal ID by woman, then guitar music way atop CJDC. (bp-WA)
- 891 **JAPAN**, JOHK, Sendai, NHK1. Partial time pips, 1300 4/1, not much else, poor. (bp-WA)
- 945 **CHINA**, Jiaohe, CNR1. Woman talking in KJR splash 1353 3/23, presumably CNR1. (bp-WA)
 +Chinese woman 1329 3/25. (bp-WA)
 +1254 3/27 Chinese talk sometimes slightly stronger than the KJR splash. (bp-WA)
 +Distinctive 2-tone time signal 1330 3/30, poor, then Chinese talk. (bp-WA)
- 963 **CHINA**, Huaduan, CRI. Woman and man in Russian, brief bit of traditional Chinese music 1325 3/25. (bp-WA)
- 972 **REP KOREA**, HLCA, Dangjin. Best reception today was at 1240 3/23, even though audio was still there at 1430. (bp-WA)
 +Korean female speech at very strong level at 1309 3/23 <https://app.box.com/s/o6v0w2mwwoptlqqixfo5bzxea6w3roy>. Traditional Korean female vocal music at huge level at 1320 <https://app.box.com/s/yrcub65bmawimycxg6bdu6vgi3tg9wpp>. (GDB-WA)
 +Heard at 1312 3/24. (BB-AZ)
 +Pop vocals 1338 and 1358 3/24, pips 1400, then talk. Poor otherwise. (bp-WA)
 +Korean discussion 1318 3/25. (bp-WA)
 +Discussion 1229 3/26, good at first but mostly poor-nil after 1235. (bp-WA)
 +Peaked at 1243 3/27 today with discussion program, poor-fair at other times. (bp-WA)
 +1336 3/28 Korean talk, much CKNW splash today. Fair. (bp-WA)
 +Korean discussion 1328 3/30, good. (bp-WA)
 +Male weak talk 1320 3/31 poor. (bp-WA)
 +Korean woman 1300 4/1, fair. (bp-WA)
- 981 **CHINA**, CNR1 synchros. Chinese woman cutting through the CKNW splash 1348 3/23. (bp-WA)
 +Time pips 1300 3/24. Chinese talk, theme music 1300:40. (bp-WA)
 +Chinese talk and brief music, sounded like ads 1307 3/25. (bp-WA)
 +Chinese talk 1231 3/27, very noticeable echo so I apparently heard 2 transmitters. (bp-WA)
 +Cutting through CKNW splat with Chinese talk 1335 3/30, good. (bp-WA)
 +Ad 1259 4/1, pips and time check 1300, ID 1300:30, fair. (bp-WA)

- 1017 **UnID.** Occasional snippets of audio in the KOMO/CBR splash 1344 3/23. (bp-WA)
- 1044 **CHINA,** Changzhou, CRI. Male and female Japanese speech and Chinese music during Japanese service at 1336 3/30
<https://app.box.com/s/wa35aqbqhm63eel5w42kptvgmntpiqwc>. (GDB-WA)
UnID. Female vocal song 1332 3/23. (bp-WA)
- 1053 **REP KOREA,** jammer. 1333 3/22. (bp-WA)
+1344 3/23. (bp-WA)
+1306 3/24. (bp-WA)
+1258 3/25. (bp-WA)
+Fairly strong jam session at 1331 3/25; best jam signal yet on these hot-rodded PL-380 models
<https://app.box.com/s/mbgogvdz4k1irqcwwclod7wsno6pkllj>. (GDB-WA)
+1245 3/27. (bp-WA)
+1333 3/28, fair. (bp-WA)
+1330 3/30, fair. (bp-WA)
+1310 3/31 fair. (bp-WA)
+1314 4/1, fair. (bp-WA)
- 1098 **UnID.** Talk in Chinese-like language 1332 3/30, fair, probably CNR11 in Tibetan. (bp-WA)
- 1134 **JAPAN,** JOQR, Tokyo. Japanese male speech at a fair level at 1348 3/24; 15th TP station received on this model
<https://app.box.com/s/nawj2zkakqblzv3l49reyocj5a6d6mwd>. (GDB-WA)
- 1134 **UnID.** Traces of talk and time tone 1300 3/31 poor. (bp-WA)
+Woman and man talking 1315 4/1, 90% sure it was Korean. (bp-WA)
- 1206 **CHINA,** Yanbian, PBS. Briefly good with man, then woman in Korean 1219 3/27. At 1220 played a bit of the 60's song "Rhythm of the Rain" in English, then back to more talk. Much weaker by 1222. Freq 1205.96. (bp-WA)
+p Weak talk 1250 3/28 and a couple other times, much domestic splatter, freq 1205.96. (bp-WA)
+Weak talk, 1310 4/1, probably Yanbian. (bp-WA)
- 1242 **UnID.** Weak talk, sounded Japanese 1225 4/1. (bp-WA)
- 1287 **JAPAN,** JOHR, Sapporo, HBC. 1229 3/31 Japanese woman, poor. (bp-WA)
- 1314 **UnID.** Lively discussion 1343 3/26 sounded Japanese. (bp-WA)
- 1323 **UnID.** Faint talk 1326 3/25 sounded //963, weak talk 1343 and 1347 sounded like Russian. (bp-WA)
+Faint woman talking 1347 3/27, probably CRI. (bp-WA)
- 1332 **JAPAN,** JOSF, Nagoya. Japanese man and woman 1346 3/26. (bp-WA)
UnID. Japanese woman 1340 3/23. (bp-WA)
+Weak talk 1331 4/1 probably JOSF. (bp-WA)
- 1377 **INDONESIA,** Toli Toli, RRI. 1339 3/26 woman talking, not Chinese, possibly Indonesian, then 2-3 dreamy pop vocals sometimes with gongs or chimes thrown in. Possibly woman talking 1250 when the signal took a dive. (bp-WA)
UnID. Traces of music in KRKO splatter 1341 3/24. (bp-WA)
- 1386 **JAPAN,** NHK2. Japanese man 1343 3/26. (bp-WA)
+1246 3/27 male talk //693. (bp-WA)
+1330 4/1 weak music and start of Chinese lesson //693. (bp-WA)
UnID. Bits of music 1342 3/24, possibly vocalist with flute accompaniment, likely NHK2 but 693 and 774 were too weak to //. (bp-WA)
- 1404 **UnID.** Bits of talk 1346 3/26, sounded Japanese. (bp-WA)
+Weak talk 1331 4/1. (bp-WA)
- 1413 **UnID.** Bits of talk 1337 3/25. (bp-WA)
+Brief talk 1345 3/26, sounded Japanese. (bp-WA)
- 1422 **JAPAN,** JORF, Yokohama. Japanese woman 1345 3/26. (bp-WA)
+Weak Japanese talk 1340 3/27. (bp-WA)
+Japanese male 1327 4/1, fair. (bp-WA)
UnID. Faint talk 1331 3/24. (bp-WA)
- 1431 **UnID.** Man and woman 1342 3/26, sounded Japanese. (bp-WA)
- 1494 **UnID.** Weak talk 1346 3/26. (bp-WA)
+Weak talk 1324 4/1. (bp-WA)
- 1503 **JAPAN,** JOUK, Akita, NHK1. Brief Japanese talk 1342 3/26. (bp-WA)
+Japanese talk 1340 3/27 in KGA splat. (bp-WA)
+Japanese male speech at fair level //594 at 1340 3/27; 17th TP station received on these FSL-PL-380 models
<https://app.box.com/s/hzyw5e0labz9hajl8ndve2aie8ytzlg0>. (GDB-WA)
+Japanese male speech at brief good level //594 at 1345 3/29 <https://app.box.com/s/vv7dvvrqgs5dx17iftarxzwwkpbx376x>. (GDB-WA)
- 1557 **UnID.** Music 1331 4/1, much splatter. (bp-WA)
- 1566 **REP KOREA,** HLAZ, Jeju, FEBC. Heard at 1321 3/22 with talk. (BB-AZ)
+Choral music 1335 3/22. (bp-WA)
+Heard at 1312 3/24 with talk. (BB-AZ)
+Flute music 1325 3/24. (bp-WA)
+Heard at 1319 3/25 with talk. (BB-AZ)
+Quite good with man talking in Japanese during organ music 1339 3/25, woman talking over piano music 1342, sign-off by woman 1344 mentioning "FEBC", "HLAZ", kilohertz and kilowatts. Chinese program started 1345. (bp-WA)
+Only one with audio today at 1316 3/26 with a very weak HLAZ-1566. Carriers on 594, 693, 774, 972, 1566 and 1593. (BB-AZ)
+The usual Japanese sign-off stuff 1344 3/26. (bp-WA)
+1238 3/27, what sounded like a church service, man leading congregation in prayer. Much weaker after 1255. (bp-WA)
+Faded up with man singing a hymn 1318 3/28, otherwise poor-nil. (bp-WA)
+Heard at 1307 3/30 with talk. (BB-AZ)
+Japanese male 1332 3/30, good. (bp-WA)
+The usual Japanese Christian stuff 1332 3/31 good. (bp-WA)
+Heard at 1311 4/1 with talk. (BB-AZ)
+Man talking, really poor quality audio, like he was in a room with bad acoustics 1318 4/1. (bp-WA)
UnID. Traces of talk 1339 3/23. (bp-WA)
- 1575 **THAILAND,** Ban Phachi, VOA. Weak talk 1337 3/23. (bp-WA)
+Heard at 1317 3/25 with talk. (BB-AZ)
+1330 3/25 "Welcome to the Voice of America in Khmer", then quite strong signal until 1350+. (bp-WA)
+Another S9+ recording with female speech and interval music at 1338 3/25; the station stayed steady at this blistering level for a full 10 minutes
<https://app.box.com/s/su871a84zsfldi624qj7ghqldg6xu6wu>. (GDB-WA)
+Woman in Asian language 1350 3/26. (bp-WA)
+Heard at 1308 3/30 with talk. (BB-AZ)
+Asian talk 1337 3/30, fair. (bp-WA)
+1330 3/31 fair. English ID, then start of Khmer program. (bp-WA)
+Man in UnID language 1327 4/1, fair. (bp-WA)
- 1584 **UnID.** A few syllables of talk 1339 3/25 during very brief pause in KLFE splatter. (bp-WA)
- 1593 **UnID.** Bits of talk when KLFE relented 1342 3/26. (bp-WA)

ODDS AND ENDS

For those interested, here is a very detailed AM Band Scan from Chris Kadlec in Songtan, South Korea (from Facebook): Songtan, Korea Daytime Bandscan. Here's an AM daytime bandscan at my FM site in Songtan, Korea, about 30 miles south of my main AM site here in Seoul. While there are 61 stations heard at my FM site, my inner-city AM site isn't as lucky and has only half that number (though a few more than 200 regular stations at night). My local 972 causes some silent noise across the band at this site, though the station doesn't turn on til mid-afternoon while its sister station 1170 turns off about the same time. Others are also part-time, including a few jammers and Pyongyang stations.

- 540 **CHINA**, Rongcheng, CNR1 Voice of China/10kw (257 mi)
REP KOREA, Hwaseong, KBS1 Radio Daejeon HLCZ/10kw (39 mi)
- 558 **REP KOREA**, Pohang, KBS2 Radio Daegu HLQH/250kw (154 mi)
- 567 **REP KOREA**, Gimje, KBS1 Radio Jeonju HLKF/100kw (86 mi)
- 585 **CHINA**, Nanjing, Jiangsu Finance Radio/50kw (598 mi)
- 594 **CHINA**, Laiyang, Shandong Economic Radio/50kw (351 mi)
REP KOREA, Yeongju, KBS1 Radio Andong HLAG/10kw (87 mi)
- 603 **REP KOREA**, Hwaseong, KBS2 Radio Seoul HLSA/250kw (22 mi)
- 621 **REP KOREA**, Yeongdong, KBS1 Radio Cheongju HLAY/1kw (72 mi)
- 630 **REP KOREA**, Inje, KBS1 Radio Chuncheon HLSE/5kw (92 mi)
- 657 **DPK KOREA**, Kangnam, Pyongyang Broadcasting/1500kw (161 mi)
REP KOREA, Dangjin, KMND Jammer (25 mi)
- 675 **REP KOREA**, Gunsan, KBS3 Radio Jeonju HLAS/10kw (78 mi)
- 711 **DPK KOREA**, Pyongyang, DPRK Jammer
REP KOREA, Siheung, KBS1 Radio Seoul HLKA/500kw (28 mi)
- 738 **REP KOREA**, Daegu, KBS1 Radio Daegu HLKG/100kw (127 mi)
- 747 **REP KOREA**, Gwangju, KBS1 Radio Gwangju HLKH/100kw (129 mi)
- 756 **CHINA**, Laiyang, CNR1 Voice of China/50kw (351 mi)
- 765 **REP KOREA**, Daejeon, MBC Daejeon HLCQ/10kw (55 mi)
- 774 **REP KOREA**, Chuncheon, MBC Chuncheon HLAN/10kw (71 mi)
- 792 **REP KOREA**, Seoul, SBS Love FM HLSQ/50kw (43 mi)
- 801 **CHINA**, Weihai, CNR1 Voice of China/1kw (278 mi)
CHINA, Yantai, Yantai Economic Radio/10kw (316 mi)
- 810 **REP KOREA**, Dangjin, KMND Jammer (25 mi)
- 819 **DPK KOREA**, Pyongyang, KCBS/500kw (160 mi)
REP KOREA, Dangjin, KMND Jammer (25 mi)
REP KOREA, Gimpo, KMND Jammer (46 mi)
- 837 **REP KOREA**, Seoul, CBS Seoul HLKY/50kw (40 mi)
- 855 **REP KOREA**, Dangjin, KMND Jammer (25 mi)
- 864 **REP KOREA**, Gangneung, KBS1 R Gangneung HLKR/100kw (114 mi)
- 882 **REP KOREA**, Daejeon, KBS1 Radio Daejeon HLKI/20kw (49 mi)
- 900 **DPK KOREA**, Pyongyang, DPRK Jammer
REP KOREA, Seoul, MBC Seoul HLKV/50kw (41 mi)
- 918 **CHINA**, Laiyang, Shandong People's Radio/50kw (351 mi)
CHINA, Yantai, Shandong People's Radio/10kw (316 mi)
- 945 **REP KOREA**, Boeun, KBS1 Radio Cheongju HLQW/10kw (54 mi)
- 972 **REP KOREA**, Dangjin, KBS Hanminjok 1 Radio HLCA/750kw (25 mi)
- 1035 **CHINA**, Yantai, CNR1 Voice of China/10kw (316 mi)
- 1044 **REP KOREA**, Jecheon, KBS1 Radio Chungju HLCD/10kw (65 mi)
- 1053 **DPK KOREA**, Haeju, Pyongyang Broadcasting/1000kw (99 mi)
REP KOREA, Gimpo, KMND Jammer (46 mi)
REP KOREA, KMND Jammer (Siren)
- 1062 **REP KOREA**, Cheongju, KBS1 Radio Cheongju HLKQ/50kw (32 mi)
- 1080 **DPK KOREA**, Haeju, Echo of Unification/1500kw (100 mi)
REP KOREA, Dangjin, KMND Jammer (25 mi)
REP KOREA, Gimpo, KMND Jammer (46 mi)
REP KOREA, KMND Jammer (Siren)
- 1134 **REP KOREA**, Hwaseong, KBS3 Radio Seoul HLKC/500kw (19 mi)
- 1152 **REP KOREA**, Wonju, KBS1 Radio Wonju HLCW/10kw (53 mi)
- 1170 **REP KOREA**, Gimje, KBS Hanminjok 2 Radio HLSR/500kw (86 mi)
- 1188 **REP KOREA**, Incheon, FEBC Seoul HLKX/100kw (30 mi)
- 1206 **CHINA**, Weihai, Weihai Comprehensive News Radio/10kw (278 mi)
- 1242 **REP KOREA**, Wonju, MBC Wonju HLSB/10kw (56 mi)
- 1287 **REP KOREA**, Cheongju, MBC Cheongju HLAX/10kw (37 mi)
- 1314 **CHINA**, Yantai, Yantai News Radio/10kw (316 mi)
REP KOREA, Iksan, CBS Jeonbuk HLCM/10kw (78 mi)
- 1332 **REP KOREA**, Chungju, MBC Chungju HLAO/10kw (48 mi)
- 1440 **REP KOREA**, Pyeongtaek, AFN Yongsan Thunder AM/1kw (8 mi)
- 1530 **REP KOREA**, Seoul, AFN Yongsan Thunder AM/5kw (33 mi)
- 1548 **CHINA**, Rongcheng, Shandong People's Radio/10kw (257 mi)
- 1566 **REP KOREA**, Jeju, FEBC Jeju HLAZ/250kw (249 mi)

Gary DeBock

DXPEDITION REPORTS

Grayland DXpedition February 2016

Nick Hall-Patch

I joined Bill Whitacre at Grayland WA for the mornings of 19 and 20 February 2016, and figure it's time to report a few loggings from there before it becomes ancient history. There is just so much in those files, it could take weeks to dig everything out. Kept telling myself to quit looking, and then something else would pop up.

- 531 **AUSTRALIA**, 4KZ, Innisfail. 1205 2/20. Man with forecasts as well as marine conditions for northern Queensland towns, good strength, then "across the north, this is the KZ network", then into music program from 2UE.
- 549 **AUSTRALIA**, 2CR, Orange. Deep voiced man interviewed by woman 1321 2/20, fair to poor. Not //612 or 702, but did nail a parallel with 774 at 1332, with the deep voiced man talking underneath JOUB.
- 585 **AUSTRALIA**, 2WEB, Bourke. 1109 2/20. "Outback Radio 2WEB ID" by man, fair to poor, barely readable among the splash, then into rock music.
- 621t **TUVALU**, Funafuti. Tuvalu Radio Marine weather forecast and conditions by DU English accented woman 0725 2/19, fair in splatter from 620.
- 639 **JAPAN**, JOIP, Oita. 1459 2/20. Man reading Japanese numbers (temperature reports?) //594, weak.
- 657 **DPK KOREA**, Kangnam, Pyongyang Pangsong. 1429 2/20. Man talking //3250, but not much else heard from N. Korea?
- 666 **JAPAN**, JOBK, Osaka. Man singing a ballad, 1520 2/20 //891, fair signal but 891 was stronger.
- 702 **JAPAN**, JOKD/JOFB, Kitami/Hiroshima (likely Kitami at this hour). NHK pips 0700 2/20... talk very difficult to read; fade in of 774 at 0707 showed it was indeed NHK2 //. Still an hour before local sunset there.
NEW ZEALAND, Auckland, Magic. 0747 2/20. Purple People Eater song from far too long ago... hardly NHK2 programming, fair to good signal. Sure enough, woman with "Nighttime magic with Christine Harper? great music from the 50s, 60s and 70s", "the Magic" ID 0747.
- 729t **NEW CALEDONIA**, Touho-Popome, Radio Nouvelle Calédonie Première. 0720 2/19 w/woman in French, poor to fair, no sign of 666.
- 792t **AUSTRALIA**, 4RN, Brisbane. 1234 2/20. Not really sure about this one, as potential parallels 576, 621 and 846 all had jazz, but this had a couple of men talking in DU English, fair strength: "I do remember when I first went to see Beyond the Fringe" doesn't sound like R. Sport programming, and no other Sport channels were heard just then anyway. Maybe RN breaks out occasionally to local programming??
- 846 **JAPAN**, NHK1 synchros UnID. 1439 2/20. Weak male ballad //594, but dominant signal was a man talking, maybe Korean, though sounded more Japanese to me.
- 864 **JAPAN**, HBC synchros. (JOQF Muroran most likely?) 1444 2/20. Rock music, fair strength, //1287.
- 882 **JAPAN**, JOPK, Shizuoka. 1445 2/20. Woman singing poorish signal, //594 846 and 837.
- 909 **JAPAN**, JOVX, Abashiri. 1353 2/20. Soulful enka vocal by man //1440, fair to good signal, but a moment earlier it had been NHK2 //747.
- 918 **JAPAN**, JOEF, Yamagata. 1417 2/20. Man speaking slowly in Japanese, good signal, and parallel with weaker 1242 but leading it by about 3 seconds.
- 945 **JAPAN**, NHK1 synchros. 1457 2/19. Good signal with list of towns and cities, "Sendai de", "Kanazawa de", "Osaka de" etc and Japanese numbers, over gentle instrumental music. Not sure what this was, temperature reports? Have to improve my Japanese, but at 1455, PAL lists: "Regional Marine weather news weather forecast traffic information".
- 963 **JAPAN**, NHK1 synchros. 1428 2/20. Japanese pop mx, fair to good, then man in Japanese //594.
- 1008 **JAPAN**, JONR, Osaka. 1226 2/20. "ABC 1-oh-oh-eight ABC Radyo" by man and rapid Japanese talk, fair to good but struggling with splatter.
- 1017 **JAPAN**, JOLB, Fukuoka. 1448 2/19 good signal, woman Japanese //774.
TONGA, A3Z, Nuku'alofa. 0718 2/19, woman posting job listing in Nuku'alofa, fair to poor.
- 1044 **CHINA**, Changzhou, CRI. 1439 2/20 Good, woman in Japanese, then flute music, //7325 which was very rough; 7260 // was not there at all.
- 1053 **JAPAN**, JOAR, Nagoya. "CBC Radyo" mention by woman crept through 1459 2/20, faded by hour, but came back like gangbusters with cheerful ladies carrying on at 1501.
- 1107t **JAPAN**, JOCF, Kagoshima. 1520 2/20. Woman and man talking //1242; not one of the times for All Night Nippon listed in PAL, but ??? This is one of the ANN affiliates, and the strongest, but John Bryant's list has it directional, presumably protecting JOMR in Kanazawa, which is also an ANN affiliate, so really this remains a puzzle.
- 1116 **AUSTRALIA**, 4BC, Brisbane. 1200 2/20, good signal, "4BC news", Macquarrie national news, good evening, I'm Josh Bryant"
- 1134 **JAPAN**, JOQR, Tokyo. 1446 2/19 exuberant men in Japanese briefly very good. Also at 1300 2/20, woman saying "Bunka Hoso, juji desu" (10o'clock), chimes and pip. Different chime from what was heard a year ago.
- 1143t **JAPAN**, JOBR, Kyoto. KBS, Kinki Hoso. 1453 2/19 two men in Japanese, fair signal, plus someone else, assumed Taiwan Fisheries, IDed a few minutes later.
TAIWAN, Baisha, BEL3. Woman in Chinese at 1503-4 2/19 good signal, //738 which was not quite as strong.

- 1161 **TAIWAN**, Miaoli/Zhuangwei, BED89/BED86. BCC chimes heard at 1500 2/20, then alto sax interlude, fair at best.
- 1188 **JAPAN**, JOKP, Kitami. 1411 2/20. Man Japanese //594 fair to good.
- 1224 **JAPAN**, JOJK, Kanazawa. 1531 2/20. Two men in Japanese //594, fair strength.
- 1251 **CHINA**, Jixi, CNR1. 1458 2/20. Man talking //6145 slightly echoey, quite poor.
- 1269 **JAPAN**, JOFM/JOHW, Esashi/Obihiro. 1329 2/20 two men in Japanese //1287, fair at best.
- 1278 **JAPAN**, JOFR, Fukuoka. 1500 2/19 lively Japanese by woman then men, good signal, couldn't nail any ID.
- 1287 **JAPAN**, JOHR, Sapporo. 1352 2/20. "HBC" mention by man who was otherwise talking Japanese, very good signal.
- 1332 **JAPAN**, JOSF, Nagoya. 1100 2/20. 2 short low and one high pip, then woman saying "Tokai Radio" (English pronunciation), fair to good signal. 1535 on the same date had man giving a more Japanese sounding "Tokai Radyo" ID, strong signal at this point, usually better than 1330 domestics.
- 1350 **JAPAN**, JOER, Hiroshima. 1520 2/20 woman in Japanese //1242, fair strength, trading places with domestics.
- 1377 **JAPAN**, NHK2 synchros. 1540 2/19. Man saying what sounded like "JOBC NHK wa" poor to fair, and into s/off anthem. JOUC? JOAC? the former has more power. And then, JOTZ actually relays JOTC so perhaps that is the most likely of all. It is lower power, but Hachinohe is a coastal city in NE Honshu with a good water path to N. America.
- 1386 **NEW ZEALAND**, Auckland, Radio Tarana. Presumed the one with woman in Hindi?, fair to good strength 1238 2/20, and mostly over NHK2 with man in Japanese //774.
- 1404 **JAPAN**, JOQL, Kushiro. 1541 2/20. Man talking to woman on phone //1287, briefly poor, 1287 not much better.
- 1494 **JAPAN**, JOTL, Nayoro. 1539 2/20. Man talking to woman on phone //1287, fair signal, and better than 1287 at this time.
- 1539 **JAPAN**, NHK2 synchros. 1446 2/20. Woman talking //702, fair signal.
- 1548 **AUSTRALIA**, 4OD, Emerald. 1547 2/20. Soft singing //612, briefly fair; 612 quite thunderous at this time.
- 1584 **UnID**. 0737 2/20. Pop music, hoping for Palau but nothing to hang my hat upon.

DXpedition loggings from Masset 26 Mar to 3 Apr 2016
Walt Salmaniw

Loggings from Walter's DXpedition to Masset BC. Please send any corrections or errors to Walt!

- 189 **ICELAND**, Gufuskalar 300 kW Rikisutvarpid Ras 1 + 2. Mar 31 0408 – Not exactly Europe, but I'm getting good reception tonight for the first time on this trip. I could faintly hear them the first night, but not a hint of TA activity. Doesn't mean that I'll be hearing TAs on MW, but I'll check. Nope, nothing propagating.
- 531 **RUSSIA**, Petropavlovsk-Kamchatski 5 kW Avtoradio Sakhalin. Mar 28 1403 – I can confirm that this low power private station remains on the air. Co-channel NHK1, but with same distinctive tones after ID/ads. Generally not a great start to the morning with nothing really strong. I noticed the start of the deterioration last night on SW, compared to the morning and the previous night!
- 567 **REP KOREA**, HLFK Jeonju 100 kW KBS1. Mar 29 1446 – Normally JOIK completely dominates this channel from Sapporo, but today, I can clearly hear Korea co-channel, and //711.
- 603 **JAPAN**, Obihiro, Hokkaido 5 kW JOOG NHK1. Mar 29 1450 – Normally the Korean, HLSA with 250 or 500 kW dominates, but not so today, as they faded down to reveal piano music, //594. Most likely Hokkaido, although Okayama is also listed with 5 kW. Good level.
- 612 **AUSTRALIA**, Brisbane 50 kW 4QR. Apr 3 1344 – Very good reception with an American accented pastor being interviewed. Monster signal! Finally, DU reception!!! I initially thought it was New Zealand's Star, but realized it was just an interview, and mentions of Australia.
- 675 **UnID**. Mar 31 1502 – Interesting frequency. There was light hearted laughter by a male announcer. This was not NHK1, or the 2 Koreans listed (not // to their other channels), and not Chinese. So who could it be? Nothing TOH. Faded down, and when things faded up, again there with the same announcer. Sure sounds like the Filipino style, which is my suspect. By 1505 another co-channel. PAL lists both Filipinos as off at 1000 and 1300, though.
- 693 **JAPAN**, NHK2 Tokyo 500 kW NHK2. Mar 27 1441 – English language lesson, but with a significant het from 692.855. I noticed the same yesterday morning. Who is off channel here? Could it be Jakarta listed as variable on my PAL.
- UnID**. Carrier, Mar 28 1551 – Who is on the low side of 693? I've noticed a het since arriving in Masset. Measuring 692.856 kHz. Noticed today that some of the NHK2 transmitters actually left the air, rather than leaving an OC which usually occurs. 693 and 747 today for an example, while 774 remains on the air.
- 774 **JAPAN**, Akita 500 kW NHK2. Mar 28 1544 – Not hugely powerful today. I sense that there's a disturbance coming, as the bands have been super variable today, without anything dominating. The NHK2 network signed off at 1540 today, compared to 1520 yesterday. Although strong with 500 kW, I could still hear a co-channel station, actually 2. I with EZL music, which is likely DWWW, while there's another speaker which does not sound Korean or Chinese. Hmm. I for the unid books.
- +Mar 30 1409 – An interesting morning when I immediately noted multiple stations co-channel. Of course, JOUB is totally dominant, but there is a station playing EZL music co-channel. This may very well be DWWW from Quezon City. At times, it almost dominated, but by 1411 almost disappeared. I also noted excellent results on the X-band this morning, much better than yesterday.
- 810p **CHINA**, Hangzhou, Zhejiang 200 kW 9 repeaters Zhejiang RGD Xinwen Guangbo. Mar 27 1553 – A presumed logging. An excellent dawn/post dawn enhancement, especially towards China. I can faintly hear echos, so checking PAL, I see that this station has 9 repeaters, so a probable guess. No sign of domestic, nor AFN Tokyo.
- 846 **PHILIPPINES**, Quezon City 50 kW DZRV Radio Veritas. Mar 31 1548 – Almost certainly them with a male preacher in presumed Tagalog. Mentions (in English) of, 'I love you'. Co-channel mishmash. Good to very good level initially, but faded down but still the dominant station on channel. 'I don't love you anymore' at 1554. '77 years old, brothers, and pray' all at 1556. No ID heard, though. A presumed logging.
- +Apr 1 1525 – Almost excellent reception in Tagalog giving a phone number for messages of 091 8837 4827 or similar. Also mentions of 'radio requests' before fading down.
- 910 **CANADA**, Drumheller AB 50 kW CKDQ. Apr 2 1443 – One domestic as it's puzzling me. My older edition NRC AM Radio list (2011-2012) lists them as CKDQ, but the ID aired was '840 CSCW', which is not in //, nor listed in that edition. Presumably a swap in frequencies in the past? I'll have to look into this when I get home.
- 990 **PHILIPPINES**, Makati 10/5 kW DZIQ Radyo Inquirer. Apr 1 1535 – Nice ID with call letters and radio station name in Tagalog. Some nice Filipino stations this morning.
- 999 **UnID**. Christian station, Mar 29 1537 – Weakly heard with lots of KOMO 1000 splatter. I'm hearing a Christian hymn. Checking PAL, there is V6AF, in Pohnpei with 700 watts, HLCL in Gwangju, Korea with 10 kW, and I suppose it could be a Filipino. Too weak to be sure. I'm thinking the Korean, as the primary station is on 999.000, but there are other carriers on 998.949, 998.954 (fairly strong), 998.975, 998.990, 999.013 (fairly strong), 999.025, and 999.050. By 1546, a Chinese station took over.
- 1026 **PHILIPPINES**, Quezon City 25 kW DZAR Sonshine Radio. Mar 28 1534 – Not a great morning overall, with nothing particularly strongly heard. Some Filipino activity, and DZAR is mostly dominant on the frequency, but with many carriers noted: 1025.975, 1025.995, 1025.998, 1025.999, a smudge across 1026.000 about 1.5 Hz wide, 1026.002, 1026.004, 1026.005, 1026.013, and 1026.020.
- +Apr 1 1547 – Good reception with inspirational messages. Station seems to be right on frequency, unless I'm looking at another co-channel, which may be the case! Faded down to be replaced by a Chinese speaker at good level as well, although I can still hear the Filipino. Various frequencies noted on the waterfall: 1025.975, 983, 1026.002, 015 and 019.
- 1053 **JAPAN**, Nagoya 50 kW JOAR. Mar 27 1515 – Nice ID repeated several times as 'CBC Radio'. All in Japanese, of course. Co-channel, and not very strong at fair/good level.
- 1062 **PHILIPPINES**, Pasig NCR 40 kW DZEC Radio Agila. Apr 1 1555 – Another Filipino with good reception with the usual very rapid Filipino talk, and into an EZL vocal. As usual, faded down within a minute or so.
- 1152 **AUSTRALIA**, Wagga Wagga 2 kW 2WG. Apr 3 1415 – A very interesting morning. Deep fades but then coming up to almost good levels. English programming here, which almost sounds Christian but who might this be? Between the deep fades, it fits the 'talk format' of 2WG, so it's my tentative logging. BUT, at 1430 it faded up again with an 'ABC news' ID, so could this be Western Australia 6PNN in Busselton??? Not an easy frequency for 2 reasons: 1150 domestic splatter, and I'm in the digital IBOC hash from 1140!
- 1170 **REP KOREA**, Gimje 500 kW HLSR. Mar 27 1510 – KBS Hanminjok Bangsong, completely dominating this domestic channel with very powerful signal. Domestic ESPN, just audible.
- 1377 **JAPAN**, Yamaguchi 5 kW JOUC. Mar 30 1539 – Caught the NHK2 sign-off, with local call letters for JOUC, and into their usual prolonged sign-off process. They had faded, but came up just in time to catch the sign-off. At least one or two more co-channels here. I was looking for RRI Poli-Poli, but sounds more like a Chinese station.

- 1404 **AUSTRALIA**, 4 kW Busselton W Australia 6TAB. Apr 3 1408 – Not a commonly heard frequency. Suffering from some splatter from 1410, but I'm hearing Australian accented English at fairly good level with what sounds like racing results! So, does this make it 6TAB, Racing Radio in Busselton, W Australia? The only other English speakers would be 2PK, in Parkes, NSW which may have faded in briefly at 1413, then back to the sports format. Otherwise there's Rhema, in Invercargill, which it certainly is not!
- 1440 **JAPAN**, STV Sapporo TV Hoso, Sapporo 50 kW JOWF. Apr 2 1607 – A strong recovery after being absent an hour ago, which is highly unusual. Normally Sapporo is one of the strongest stations heard on-band throughout the TP period. Today, they were all but replaced by domestics. Now, they are back at strong level. Perhaps not quite as strong as usual, but 2 hours post LSR, and conditions improved a lot for Japanese, Korean, and even Chinese stations.
- 1512 **JAPAN**, NHK 2. Mar 31 1415 – There are multiple NHK 2 stations listed on this channel. 8 in number, between 0.1 and 5 kW, so I'm not sure who it is. English lesson. There's a significant het from 1511.897 kHz. As I listened, NHK2 faded down, and some preaching came on, which I'm assuming is DZAT. So many other carriers noted, too: 1511.986, 989, 996, 997, 998, 1512.000, 003, and 011. Whew!
- 1521 **CHINA**, Hutubi, Xinjiang 500 kW CRI. Mar 26 1737 – I was surprised to hear weak audio on this channel at past 10:30 AM local this morning. Was it Saudi Arabia? No, it seems to be //6040, which PAL lists as CRI in Russian to central Asia, so presumably off the back end and skirting daylight to reach me!
- 1557 **TAIWAN**, Kouhu 300 kW 1557 Music Interactive Network. Apr 2 1603 – Although PAL lists RTI here from 1500 to 1700, this is not the case. Just continuous music heard. A very interesting late post-dawn enhancement after propagation taking a dive during the 1400 hour. About 90 min past LSR, a big improvement noted, especially initially on the lower half of the band and later the higher band as well. 1557 sometimes at very good levels.
- 1566 **CHINA**, 2 sites of 25 kW Yanbian Weising guangbo. Mar 27 1536 – I know it's a good morning when HLAZ from Jeju fades down to reveal the Chinese co-channel. I'm assuming this is Yanbian, but can't be certain of this. Normally HLAZ completely dominates the channel with S9+20 signals. This fade was brief, only less than a minute.
- 1610.946 **AUSTRALIA**, Sydney 0.4 kW Vision Radio Network. Mar 29 1402 – I'm presuming it's this Network, although they have several sites. Gave a weak ID, which I was unsure of at 1400. Suffering splatter from 1620. Sounds inspirational. Another announcement at 1404. Muffled owing to other co-channels on 1610.847, 1610.904, 1610.931, 1610.965 and 1611.053. Improving by 1407. Sounds like a sermon at 1408. Great improvement at 1410, and confirming that it's a sermon (American preacher), but now co-channel Country music! Fair to good. By 1411 the country music is almost dominating.
- 1629 **AUSTRALIA**, Dubbo, NSW 0.4 kW Vision Radio Network. Mar 29 1422 – Perhaps the most difficult X-bander, as there are many carriers noted, so a real smudgy signal. I measure the following X-banders, all at similar strengths: 1628.917, 1628.949, 1628.985, 1628.997, 1629.002, 1629.010, 1629.020 (weak), 1629.029, and 1629.035. Wow, PAL lists 13 or so, and I see 9 of them! The preacher dominates again.
- 1647 **AUSTRALIA**, Mackay, Queensland 0.4 kW Vision Radio Network. Mar 29 1417 – And there is the preacher again, at fair level. This is the VRN morning!
- 1656t **AUSTRALIA**, Bundaberg Queensland 0.4 kW 4UCB Vision Network. Mar 27 1407 – EZL piano music at fair level, which doesn't match what I would expect from what I usually hear which is the Voice of the Australian Chinese in Brisbane. Sounds Christian.
+Mar 29 1411 – Same preacher is here, //1611. Not a bad morning for the X-banders, which are not commonly heard in Masset. Measuring on 1655.998, although there is a co-channel (with music) on 1656.017.
- 1656.000 **AUSTRALIA**, Melbourne Victoria 0.4 kW Rythmos AM. Apr 1 1346 – Surprised to hear good reception of presumably Rythmos AM in Greek, I believe, but faded down to nothing before coming back to fair level at 1349. Also surprised to measure them on an exact frequency.
- 1663.5 **JAPAN**, 15 minute maritime weather at :00 and :30 Tokyo Martis. Apr 1 1404 – Female computer generated voice continuous from just after 1400 tune-in, and ended at 1413. This was not like the Japanese lighthouse stations heard in past that are of short duration. I think I heard many references to Tokyo, but I'll have to post to the Real Audio group for clarification. Returned at 1415, but weaker. Not sure whether the same station or not. Not sure why PAL doesn't list this frequency as being used. Instead they list 1665 which clearly is not correct. Makes sense that this is the "Tokyo Martis", which I assume stands for Maritime Information Station? Fits the schedule, although Nagoya Harbor Radio is also listed at the same times. At :15 would indicate Isewan Martis, listed as from Tahara, Aichi. No power indicated.
- 1701 **AUSTRALIA**, Brisbane 0.1 kW Radio Brisvaani. Mar 30 1343 – Even better reception this morning for the X-band. I can hear two stations for certain. The first is Radio Brisvaani with Indian style vocals and many local ads with phone numbers in English, but there's a lower modulation station which sounds like the Islamic Voice Radio. I can see 3 transmitters on the zoomed in water fall: 1701.025 (the weakest), 1701.0605, and 1701.087. I've recorded the X-band with the Perseus SDR. Rechecking at 1425 showed that they had mostly disappeared.

THANKS TO THESE REPORTERS

- BB-AZ **BILL BLOCK**, Prescott Valley AZ
Drake R8
- bp-WA **BRUCE PORTZER**, Seattle WA
Winradio Excalibur, K9AY antenna
- GDB-WA **GARY DeBOCK**, Puyallup WA
7.5" loopstick C.Crane Skywave + 15" FSL antenna, Stand-alone 3" FSL Tecsun PL-380
- NHP-WA **NICK HALL-PATCH**, nhp@ieee.org, DXing at Grayland WA
RFSpace NetSDR; RFSpace SDR-14 running DX Fishbarrel program; Sony ICF-2010 for SW parallels, 160° DKAZ @ 290 degrees, FLG100, Vactrol Rt, also ALA100 phased array (which didn't usually measure up to the DKaz)
- RA-OK **RICHARD ALLEN**, near Perry OK
Tecsun PL-310 modified with 7.5" ferrite loop, plus 8" FSL, Space Magnet SM-2.
- WS-BC **WALT SALMANIW**, Victoria BC



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 ***

- 531 **ALGERIA** Jil FM, F'kirina Wilaya d'Oum El Bouaghi. MAR 25 0300 – Pop Arabic male vocal //549; fair.
+APR 1 0100 – Jil FM ID by woman, jingle, then synthesizer dance-club music, male vocal; good. [Connelly*Y-MA]
- 549 **ALGERIA** Jil FM, Les Trembles, MAR 25 0300 – Arabic vocal, percussion //531; fair. [Connelly*Y-MA]
- 585 **SPAIN** RNE Radio 1, Madrid. APR 1 0101 – Spanish news by man; in WEZE slop. [Connelly*Y-MA]
- 684 **SPAIN** RNE Radio 1, Sevilla. MAR 25 0300 – News //774; in bad WRKO slop. [Connelly*Y-MA]
- 693 **UNITED KINGDOM** BBC Radio 5, Droitwich et al. APR 1 0059 – Woman with BBC newstalk; poor. [Connelly*Y-MA]
- 738 **SPAIN** RNE Radio 1, Barcelona. MAR 29 0301 – Woman in Spanish; fair through slop. [Connelly*Y-MA]
- 774 **EGYPT** Middle East Radio, Abis. MAR 29 0259 – Koranic vocal; over Spain. [Connelly*Y-MA]
- SPAIN** RNE Radio 1 synchros. MAR 25 0300 – Man and woman with Spanish news; over weak UnID growl 774.1. [Connelly*Y-MA]
- 837 **CANARY ISLANDS/SPAIN** COPE synchros. MAR 27 0401 – Man and woman with news in Spanish; fair peak. [Connelly*Y-MA]
- 855 **SPAIN** RNE Radio 1 synchros. APR 1 0100 – News by woman in Spanish; fair. [Connelly*Y-MA]
- 864 **EGYPT** ERTU, Santah. MAR 29 0301 – Koranic vocal; to fair peak. [Connelly*Y-MA]
- 882 **UNITED KINGDOM** BBC Radio Wales, Washford. MAR 25 0300 – Woman with "BBC" and "the world's radio station" mentions; fair, some echo noted. [Connelly*Y-MA]
- 891 **ALGERIA** Chaîne 1, Algiers. MAR 25 0259 – Male Arabic vocal with reverb; to good peak.
+APR 1 0100 – Arabic news by woman; fair. [Connelly*Y-MA]
- 909 **UNITED KINGDOM** BBC Radio 5 synchros. MAR 25 0300 – "Five Live Sport" mention; fair. [Connelly*Y-MA]
- 918 **SPAIN** Radio Inter, Madrid. MAR 25 0300 – Spanish news; over 917 Nigeria het. [Connelly*Y-MA]
- 954 **SPAIN** Onda Cero, Madrid. MAR 25 0300 – Fanfare music, Spanish news by man; fair. [Connelly*Y-MA]
- 1044 **SPAIN** SER synchros. MAR 25 0300 – Man in Spanish; through slop.
+MAR 29 0300 – Fast Spanish newstalk by man; good. [Connelly*Y-MA]
- 1053.102 **LIBYA** Libyan Jamahiriya, Tripoli. APR 1 0100 – Male Arabic vocal; fair, on USB to dodge 1053.0 growl. [Connelly*Y-MA]
- 1089 **UNITED KINGDOM** TalkSport synchros. MAR 25 0301 – Man and woman with mentions of counter-terrorism strategies; fair.
+MAR 29 0300 – News about man taken into custody at US Capitol in Washington, DC; good. [Connelly*Y-MA]

- 1107 **SPAIN** RNE Radio 5 synchros. MAR 27 0400 – Spanish news by man; fair. [Connelly*Y-MA]
- 1116 **SPAIN** Radio Pontevedra, Pontevedra. MAR 29 0300 – //1044 with Spanish news by man; fair. [Connelly*Y-MA]
- 1152 **SPAIN** RNE Radio 5 synchros. MAR 27 0400 – News //1107; poor in mix with other. [Connelly*Y-MA]
- 1215 **UNITED KINGDOM** Absolute Radio synchros. MAR 25 0301 – Greatest Albums of All Time contest promo; good. [Connelly*Y-MA]
- 1404 **GREECE** Komotiki. MAR 27 0400 – Interval signal followed by anthem; briefly strong. Thanks to Dmitry Mezin, Chuck Hutton, and Guido Schotmans of RealDX group for ID help. Guido notes "The interval signal before the anthem is the long standing one from ERA, also used on short wave since I started DXing in the early '70s." {A} [Connelly*Y-MA]
- 1512 **SAUDI ARABIA** BSKSA, Jeddah. MAR 29 0259 – Chanting; through WMEX slop. [Connelly*Y-MA]
- 1521 **SAUDI ARABIA** BSKSA, Duba. MAR 25 0259 – Arabiya mentions in talk by man; fair. [Connelly*Y-MA]
- 1530 **SAO TOME E PRINCIPE** VOA, Pinheira. MAR 29 0300 – Yankee Doodle sign-on; under WCKY. [Connelly*Y-MA]

*** PAN-AMERICAN DX ***

- 530 **CUBA** CMBQ, Radio Enciclopedia, La Habana. MAR 20 0300 – Talk by woman, James Bond movie instrumental, samba theme, woman "Transmite CMBQ, Radio Enciclopedia, desde la Habana, Cuba." Loud. [Connelly*Y-MA]
+APR 3 0107 – Good signal //5025 kHz. Sounded like a baseball game. [Allen-OK]
- 540 **MEXICO** XEWA, San Luis Potosí, SLP. APR 3 0136 – good. [Allen-OK]
- 580 **PUERTO RICO** WKAQ, San Juan. MAR 28 0359 – WKAQ Cinco Ochenta ID; dominant. [Connelly*Y-MA]
- 590 **CUBA** Radio Musical Nacional, La Julia. MAR 28 0400 – Woman with Radio Musical Nacional ID; under WEZE. [Connelly*Y-MA]
+APR 3 0147 – fair with orchestral music. [Allen-OK]
- 590 **DOMINICAN REPUBLIC** Radio Santa Maria, La Vega. MAR 25 0159 – Dominican anthem; mixed with WEZE. Many thanks to Andrew Brade, Neil Kazaross, Chuck Hutton, and Jim Renfrew of RealDX group for ID help. {A} [Connelly*Y-MA]
- 630 **PUERTO RICO** WUNO, NotiUno, San Juan. MAR 25 0300 – NotiUno ID in fast Spanish newstalk; over WPRO. [Connelly*Y-MA]
- 640 **CUBA** Radio Progreso synchros. APR 3 0211 – fair with ID and música Cubana. [Allen-OK]
- 660 **MEXICO** XEDTL, México DF. MAR 28 1203 – Mexican NA, 1204 female ID for Radio Ciudadana; KSKY Dallas nulled as much as possible, but México DF is only about 30 degrees further clockwise, as this is the IMER station XEDTL, 50/1 kW (remember when 660 was commercial XERPM?), rather than Aguascalientes, Monterrey or Ciudad Delicias which I hear more often on 660. IRCA Mexican Log says XEDTL format is world music, the name meaning female citizen, but then goes into historical talk about the Castillo de Chapultepec and Santiago Hernández. Most of México including DF will not go on DST until next Sunday April 3, whence the sign-on should shift to 1100 UT. [Hauser-OK]
- 670 **CUBA** Radio Rebelde synchros. APR 3 0107 – Good signal //5025 kHz. Sounded like a baseball game. [Allen-OK]
- 680 **PUERTO RICO** WAPA, San Juan. MAR 25 0200 – Wapa Radio ID; over WRKO. {A} [Connelly*Y-MA]
- 700 **COLOMBIA** HJCX, W Radio, Cali. MAR 25 0200 – W Radio ID's; good. [Connelly*Y-MA]
- 720 **NICARAGUA** YNRC, Radio Catolica, Managua. APR 3 0220 – poor to fair, fading under XEJCC @ 0229. [Allen-OK]
- 730 **CUBA** Radio Progreso, La Fe. MAR 28 0400 – Cuban anthem //640, 650, 690, 720, 750, 900, et al; over HJCU, others. [Connelly*Y-MA]
- 760 **CUBA** Radio Progreso synchros. APR 3 0353 – //640 poor u/WJR. [Allen-OK]
- 770 **MEXICO** XEACH, Radio Formula, Monterrey, NL. APR 3 0121 – good with slight UnID QRM. [Allen-OK]
- 780 **VENEZUELA** YVMN, Radio Coro, Coro. MAR 28 0401 – Radio Coro ID and jingle; atop mess. [Connelly*Y-MA]
- 800 **BONAIRE** PJB, TransWorld Radio, Kralendijk. MAR 25 0200 – Woman "Transmite Radio Transmundial... desde Bonaire"; over others. [Connelly*Y-MA]
- 810 **BAHAMAS** ZNS3, Freeport. MAR 28 0400 – //1540 with calypso music, talk "It's midnight, do you know where your kids are?"; over WGY, others. [Connelly*Y-MA]
- 990 **CUBA** Radio Guama, Pinar del Rio. MAR 28 0400 – Woman with Radio Guama ID, into Cuban anthem; over jumble of domestics. [Connelly*Y-MA]
- 1540 **BAHAMAS** ZNS1, Radio Bahamas, Nassau. MAR 28 0400 – //810 with "It's midnight, do you know where your kids are?" followed by soul vocal; dominant. [Connelly*Y-MA]
- 1610 **ANGUILLA** Caribbean Beacon, The Valley. MAR 25 0200 – Melissa Scott preaching; over Indian music Canadian. [Connelly*Y-MA]

CONTRIBUTORS

- [Allen-OK] **Richard Allen**, near Perry OK, USA
SRF-T615 and Skywave receiver
- [Connelly*Y-MA] **Mark Connelly**, WA1ION, South Yarmouth, Cape Cod MA, USA (GC= 41.6931 N/70.1912 W)(grid FN41vq)
NOTE: {A} in entry indicates that audio can be accessed from link on the following page: http://www.qsl.net/wa1ion/doc1/audio_2016.htm
Receiver: Microtelecom Perseus
Antenna 1: Cardioid-pattern SuperLoop: 10m vert by 11m horiz (peak 165 deg, null 345 deg)
Antenna 2: Cardioid-pattern SuperLoop: 11m vert by 30m horiz (peak 80 deg, null 260 deg)
- [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

73, Brandon



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

Tell us about your DXpedition plans/experiences... first up, **Mark Durenberger/Mike Shafer**, then **Mark Connelly**.

Recently there's been healthy, candid and constructive dialogue among some IRCA members, regarding the reduction of common-mode noise in DXpeditions. That dialogue morphed into Wiki-design of a simple and reliable remote-terminator for D-Kaz and other antennas. This all seems to have been prompted by chat about an upcoming Desert DXpedition designed to be *more an antenna-comparison program under minimal-noise conditions* than to be a dial-twisting DX session. Phil has asked us to explain what's planned.

Background to 2016 DXpedition

A moment of your time please, as we first tell how we've chased electrons through the desert in Eastern Utah;



Some form or other of this desert journey has been happening since about 2002, but the concept of "SBT" goes back to 1986. "SBT" stands for **Selfish Birthday Trip** and it's an annual opportunity to meet some of my old radio pals for a bit; usually out west. (Once we became more or less organized into desert DXpeditions we had opportunity to bemoan the fact that The Birthday occurred in early May; outside of the usual DX season.)

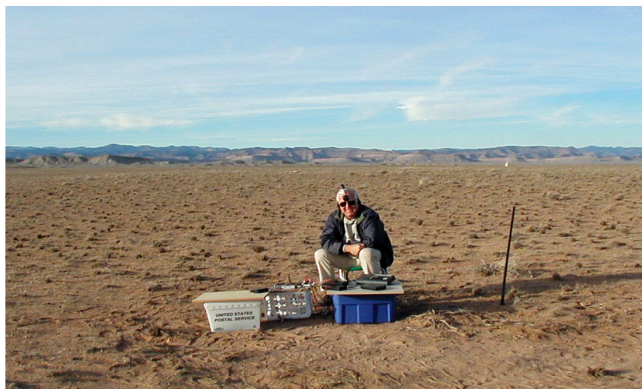
The first Beverage went up in 2002 and it was about 1800 feet; pointed more or less toward the rising sun.



Everything was new for us; the MW stations from four states' distance; the varying noise floor (depending on the wind and dust); the static build-up... and the desert quiet. Wild Mustangs would visit; the occasional antelope herd came through and chewed or otherwise snapped the wires left up overnight. We even saw a large herd of Elk, a long way from water.

2004 was a 'signal' year... CX were good on a certain Sunday when we copied WBZ and WQEW at high noon on an 1800-foot Bev, as well as a 1-watt 1710 test station from Lima Ohio. We were pretty dumb in those early years; hadn't heard of pre-post sunset opportunities... we'd stay out until past Midnight, thinking it would keep getting better... and wondering why, as the night grew older, the band got more crowded and good catches almost impossible.

In those (pre-SDR) days I was doing a monthly column for the DX Audio Service and needed TOH IDs, so we cobbled up several of these arrays for simultaneous copy of multiple stations: Pretty primitive. It worked:



Trying to solve the problem of listening to four of these radios at once

Spin the dial forward a few years as we marveled at (and purchased) the wideband Perseus (storing all the "portables" for the right e-Bay opportunity). We learned to love the BOG (before jilting it for the mature D-KAZ). We also got pretty good at recreational ATV-ing, during down hours for reception. (The Colorado River is a picturesque goal, just a few miles distant.)

From our activities, fellow DX-er Mike Shafer and I came to be known as "**Two Phools in the Phield.**" Each year we Phools would set different "test" goals; each year the list was waaay too ambitious. In the Phield, the high-desert sun scorches the unprotected and saps the energy needed to carry out a *defensible* test/measurement program. (Besides, we're also busy having loads of fun and learning from our mistakes.)

Each year's goal includes: Alaska!... but we're still skunked. *Each year* our trips are probably too late for the DX season, but a lot of our experimental work is daytime anyway. *Each year* we return home with hundreds of gigabytes of data for review, in the hope that there's *something* lurking that'll make the scanning worthwhile.

Last year we were itching to expand the D-KAZ effectiveness by combining **two** 140 x 23 D-KAZ antennas in a "Broadside" array, separated by about 360 ft. With KAZ's guidance, we scratched that itch, and pretty much demonstrated that it's worth the effort. Besides... we did have the space!

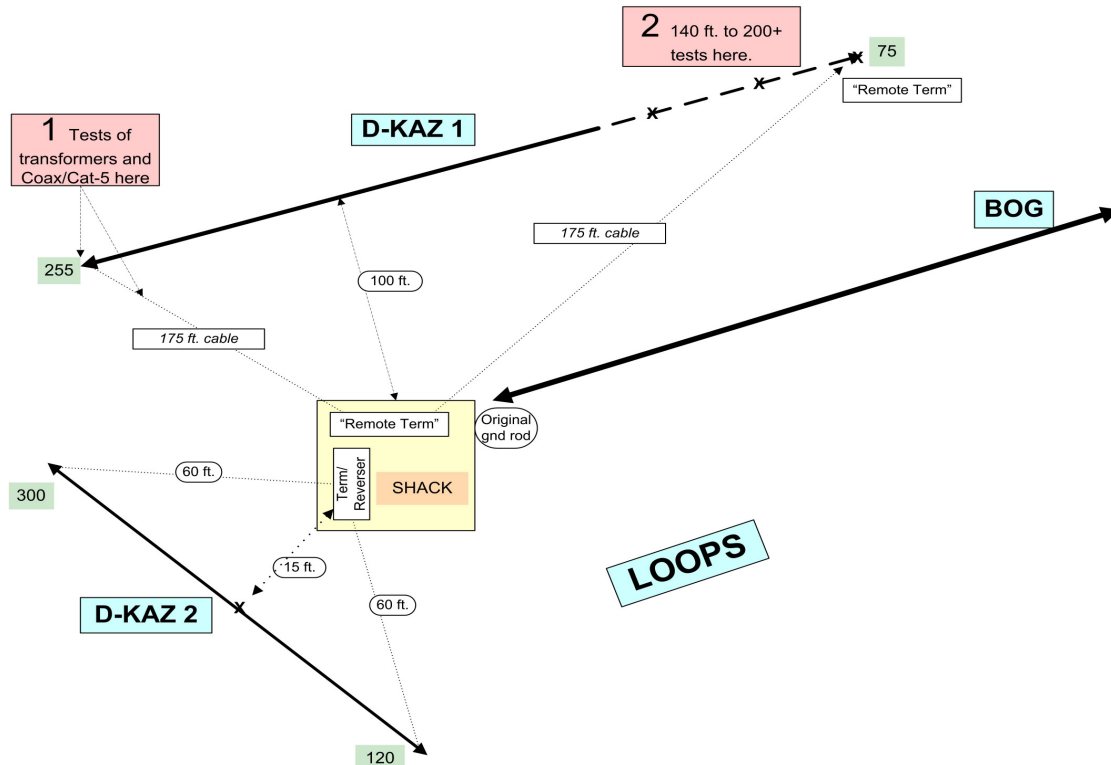


SBT 2016

This year the program will include work with D-KAZ antennas, a Cat-5 BOG and, for the first time here, the world-famous Wellbrook Mag system, using single-turn loops of varying diameters. **Alaska? Fogettaboutit!**

The **comparison** info we will gather (and **defend**) includes data from *loop-size differences with the Wellbrook* and a *comparison of four D-KAZ antenna sizes* (ranging from the "standard" 140' x 23', through Bill Whitacre's darling 160' x 23', up to 200' x 23'). The **BOG experiment** will be new: We're trying a single Cat-5 as the BOG itself, with one cable pair as the BOG antenna and another pair isolated at RF by common-mode chokes; using that pair for Vactrol remote nulling. The *ambitious* part (hot sun permitting): Using *other* pairs in the Cat-5, we'll attempt a *switchable, nullable Bi-directional BOG*; again with the single Cat-5. If time permits we'll lift that BOG onto plastic posts, to compare a 3-ft-elevated wire with the same wire sitting on the desert floor.

The 2016 site:



D-KAZ 1 will start at 200 feet and be shortened in 20-foot increments; recording all the way.

Note D-KAZ 2 has short lead-ins so we can do direct switch-reversal for F/B signal comparisons from the shack, without the need for a remote-terminator. And the **Loops** will, at one point, be oriented along the D KAZ 1/BOG axes, for comparisons to them.

PREP for our outings includes initial discussion on antennas and orientations; goals for information-gathering and agreement on plans for trying new ideas. Data-recording is simplified by using pre-written test forms so all we have to do is fill in the observed numbers, for later analysis. So That's All Good Then.

After the usual D-KAZ data is gathered and a few target stations (like nearby KOA and KSL) are identified as null candidates, **deeper NULLS** will be attempted by introducing a vertical wire in the field of the 'null-end' of the D-KAZ. Nearby KSL will be nulled in search of Chicago; KOA gets dipped in the hopes of copying KHHO.

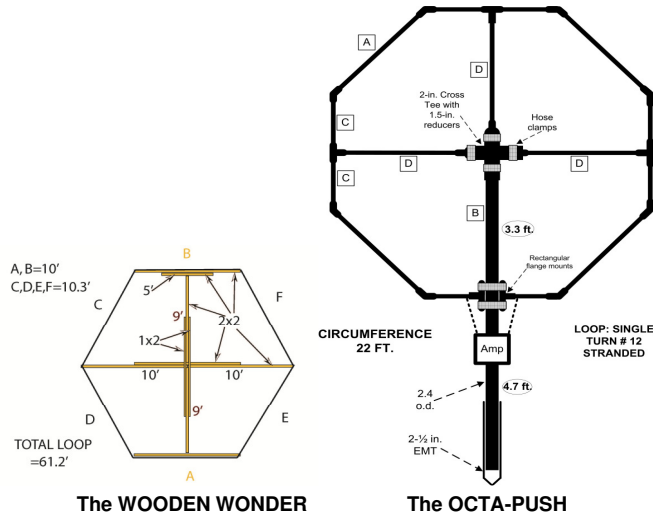
Experience has shown that a 15-ft. vertical wire held up by a TV-antenna tripod makes for an easily-moveable phasing element. Here's what we did for deeper D-KAZ nulls last summer at the lake cabin:



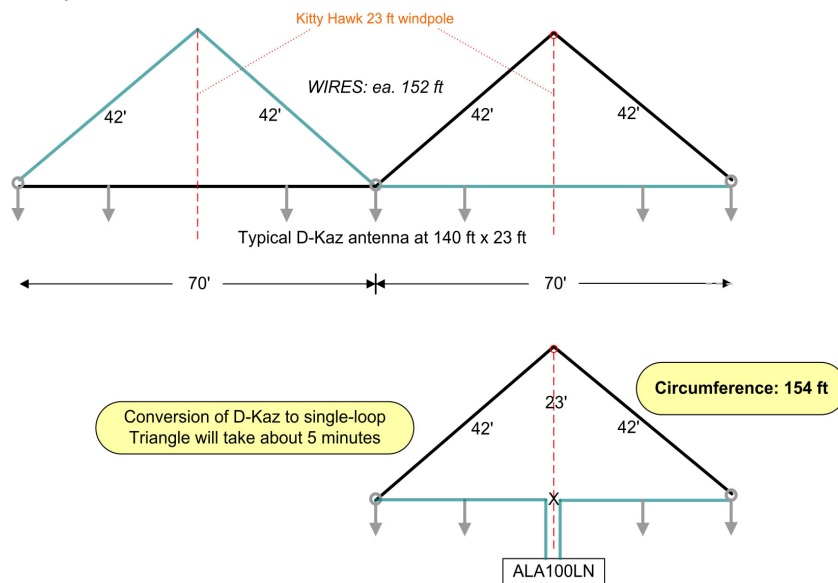
Here's the BOG-puller. Works fine if you're pulling tough Cat-5... because you can't stop it, once it's in gear <g>



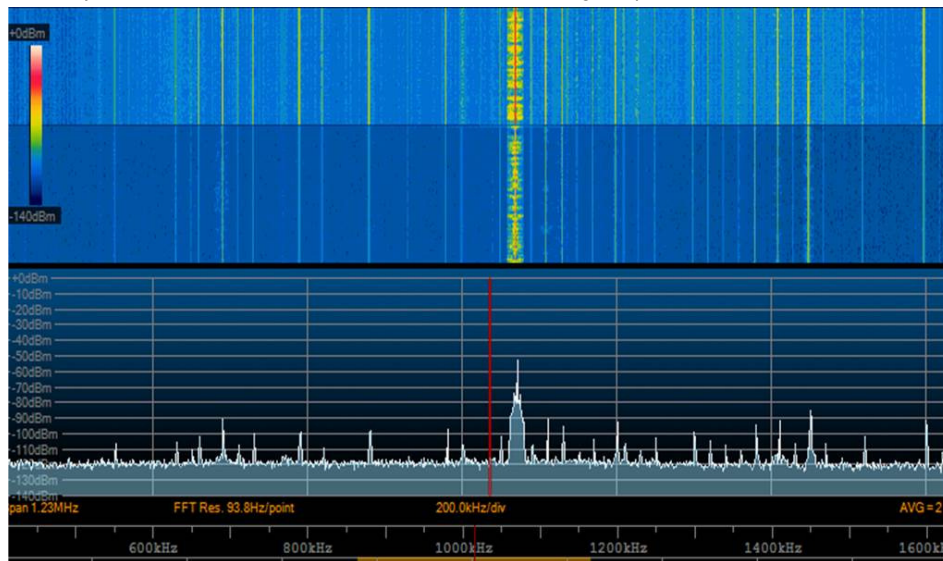
THE LOOPS: A couple of construction ideas (keeping in mind unpredictable desert winds):



When data has been recorded comparing various loops, we will convert half a D-KAZ to a single-loop triangle (dimensions approximate) for use with the Wellbrook ALA100LN. Look: a 5-minute job!

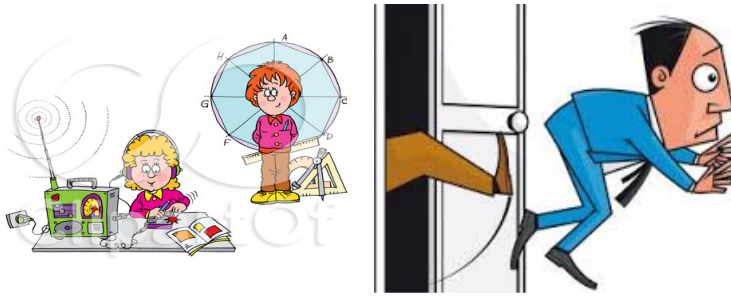


For this year's prep we agreed to focus *first* on **noise-abatement**. This interest was stimulated by Nick Hall-Patch's paper for the IRCA 50th. He wasn't being a bully when he included this slide; he just wanted to show what was do-able with an SDR in signal-sparse Victoria BC:



System noise-abatement may be the only non-empirical aspect of this year's program with which we have a chance, given the vagaries of propagation. So we plan to spend the front end of the trip deploying power and signal systems that have been *pre-engineered and constructed*. Toward that end we thank in advance, for their engagement and support: Neil Kazaross, Chuck Hutton, Nick Hall-Patch, Mark Connelly, Bruce Conti and Guy Atkins. **What a brain trust!**

With enough up-front plannin' and doin' we hope to be able to do a plug-and-play set-up without having to phart around for a day chasing problems. ('Murphy' will be sent off to the mountains so he's out of our way.)



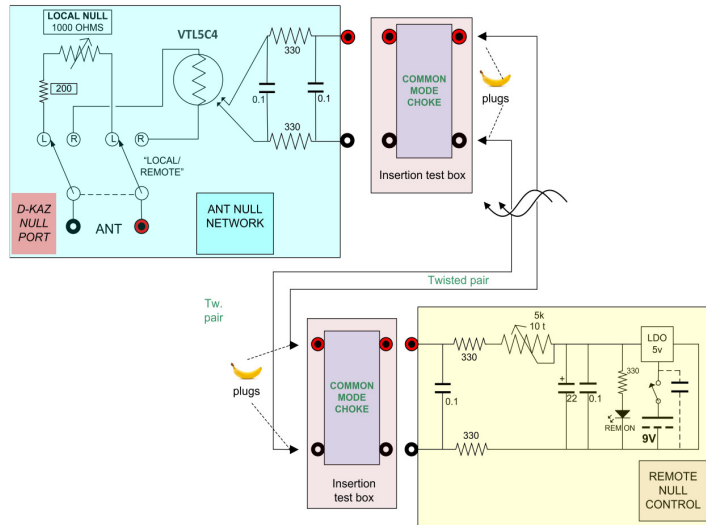
REMOTE-TERMINATION

It seems all good remote-nulling systems use some form of isolated variable resistor (often a Vactrol) controlled on a noise-impervious DC path.

D-KAZ REMOTE TERMINATION-ELECTRICAL



D-KAZ REMOTE TERMINATION-ELECTRICAL



The above, packaged for the desert festivities:

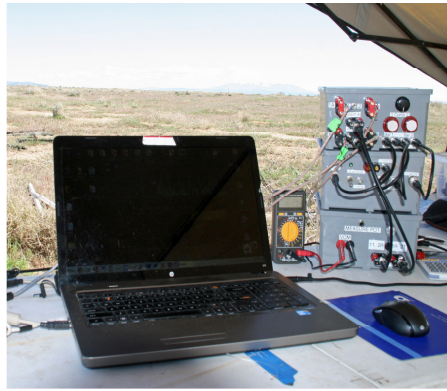


For schlepping signals around we generally use MiniCircuits transformers since we have no strong signals nearby to saturate them, and they do a good job with small-signals. Some of their units have extended LF response; that's of some importance when we chase NDBs. All transformers and chokes are placed in Hammond boxes; some shielded. Here are a few of the dozen or so enclosures:

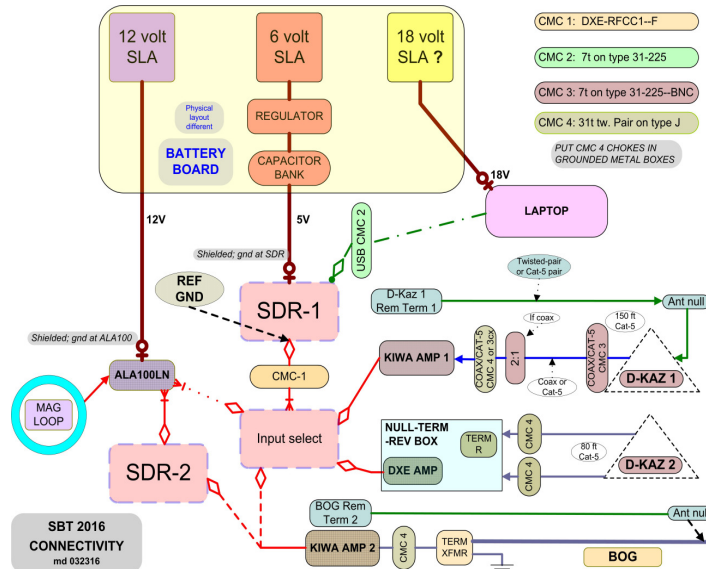


NEMA-box (8.5" x 8.5" x 4")—Home Depot

The NEMA box above right is great for amplifiers, and *two 6-volt lantern batteries fit perfectly* (This pic is of a poorly-built 3-channel prototype). We use these for sub-systems that involve termination switching and amplification; each enclosure has 50-ohm inputs and outputs and is self-powered. Stacking them as shown below concentrates a lot of manipulation power in small packages; keeps leads short, noise down:



Because the Perseus has such a nice quiet front-end, we prefer to use only moderate amounts of RF gain in front of the SDR (really, antenna make-up gain). We've used Kiwa and DXE amplifiers but it won't be surprising if we migrate to the Wellbrook FLGs where applicable. As a final shot, here's the tentative system connectivity:

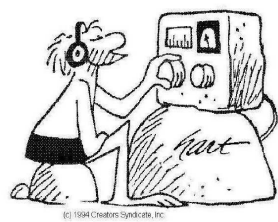
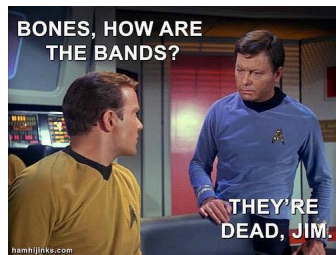


As noted above the measurements through each of these systems are called out in step-by-step procedure manuals; we simply enter the observed data in prepared fields. This may seem a lot like trade-school but it's the best way we know to extract meaningful defensible information we can share with you post-Expedition.

There you have the **2016 plan**. We have about four days in late April to get all this done or, depending on WX and CX, to shuck it all for next time and just go 4-wheeling. But with good fortune we can knock off all the comparative measurements in the first couple of days and then do some serious DX-ing. (*Alaska?*) ☺

All of the "pre-engineering" on noise-reduction is based on what could be a crippled understanding of the best way to approach this. That's why, in true Wiki-DX fashion, **we continue to solicit your comments!**

Wish us luck and good CX.



Mark Durenberger/Mike Shafer 032916

My DXpedition experience goes back to the '60s on family trips to Cape Cod (I was living in Arlington MA near Boston then). Things were very simple at that time: Lafayette HA-63A table-top receiver with speaker, 100 ft roll of bell wire to string in the pine trees at the rental cottage, and Realistic TRF portable. Radio Shack was nearby so if I forgot or broke something, it was no big deal.

One of the first DXpeditions requiring a good deal more planning was during the summer of 1974 when I took a road trip that included stops near Atlantic City NJ and Montauk LI NY. The nearly 100 lb R-390A went along on that one and a Worcester Space Magnet SM-2 ferrite loop was the main antenna. A Panasonic portable cassette recorder and a Realistic portable radio rounded out the equipment complement along with usual accessories such as a logbook (composition notebook), patch cords, blank cassettes, batteries, and a roll of wire just in case there were any outdoor antenna possibilities.

My parents retired and moved to West Yarmouth on the Cape in 1974 and I set up a "house-based DXpedition" set up there that also contained material for operating out of the car at nearby beach sites.

One way I improved the mobile DX environment in the late '70s was by inserting a battery powered homebrew FET regenerative preselector between the car whip antenna and car radio. Sometimes I would have the preselector tweaked up just below oscillation to provide tremendous improvements in sensitivity and selectivity so I could comfortably listen to various TAs squeezed between the domestics. I often enjoyed entertainment grade reception of European and African stations around sunset on homeward commutes from the Boston waterfront (I was working at Teradyne near Boston's South Station).

A memorable DXpedition in 1979 was to a cottage in Narragansett RI with ace DXer Neil Kazaross. The receiver complement included an R-390A and HQ-180A, the two big-gun radios of the era. Antennas included a large box loop and phased Beverages. Latin Americans were received in abundance.

Portable radios and car radios were about all we had for DXing in the field (non-house settings) until about the early '80s when a number of high-grade communications receivers that could operate on 12 volts DC became available. I got some use out of a Kenwood R600 for a while before graduating to a Drake R8, then an R8A in the '90s. Meanwhile portables were getting better too, with digital readout becoming common. Sony's ICF-6500 and ICF-2010 became part of my DXpedition kit. As the '80s rolled along, I often took mini-DXpedition trips from my home in Billerica MA (about 15 miles/25 km inland) out to Granite Pier in Rockport MA: a one hour drive that made a world of difference in the DX to be heard. Brazilians and deep Africans that were rare at the house were often "inboomingly" loud at the pier DXpedition site. For many years through the '90s the de rigueur set-up was the Drake R8A and a car roof top antenna arrangement with an active whip phased against a broadband loop to produce a cardioid. Once in a great while "Murphy's law" cropped up: something turned out to be missing or broken so the trip turned out to be largely a waste of time and gasoline. Maybe a bit of listening was done on the car radio to salvage the outing, sort-of. Fortunately this kind of thing was exceedingly rare.

November 1991 was my first DXpedition to Cappahayden, Newfoundland. Since this involved air travel and considerable expense, a whole different level of care needed to be exercised. A desire for gear and accessories redundancy was counterbalanced by a need for luggage not to be excessive. Since this also involved travel outside the US, concerns about dealing with customs also got into the act. Fortunately this was pre-9/11 so airports weren't nearly as crazy as they became later.

As the internet era grew in the '90s, a lot of good information from others' DXpedition experiences came to light. After awhile I think that you had fewer cases of missing / broken stuff going out to DX sites or people using the wrong radios and antennas for the intended task.

In the past 10 or so years, DXpeditioning has been thoroughly transformed by Ultralights (often in tandem with FSL antennas) and Software Defined Receivers providing spectrum storage for after-the-fact analysis. Terminated loop antennas have often been found to be acceptable substitutes for the space-hungry Beverages of the old days. More science is available on what makes a good site: salt water and/or high altitude, blockage towards "pest" directions, etc. The increasingly hostile RF noise environment of home locations has driven more of us outdoors to do our DXing. This ranges from a little listening on the car radio from the wide open middle of a nearby store parking area all the way up to expensive and lengthy journeys involving air and/or ship transportation. In the extreme, hams go off to places such as Heard Island loaded down with transmitters, receivers, and literally tons of antenna and ancillary gear. Absolutely no room for screw ups on something like that.

Mark Connelly, WA1ION, South Yarmouth MA http://www.qsl.net/wa1ion/wa1ion_history.htm



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

Geomagnetic Summary March 1 2016 through March 31 2016

Tabulated from email status daily (K @ 0000 UTC.)

Date	Flux	A	K	Space Wx										
3/ 1	97	8	3	no storms	3/12	95	13	1	no storms	3/23	87	10	3	no storms
2	98	7	1	no storms		13	93	4	1	no storms	24	87	7	2
3	99	8	2	no storms		14	93	14	5	minor, G1	25	86	6	0
4	99	4	0	no storms		15	94	24	4	minor, G1	26	86	3	1
5	96	4	1	no storms		16	91	22	5	minor, G1	27	88	13	2
6	96	35	7	strong, G3		17	92	21	3	minor, G1	28	88	10	3
7	94	24	4	minor, G1		18	90	8	2	no storms	29	88	11	1
8	96	8	1	no storms		19	89	18	1	no storms	30	84	12	2
9	97	6	2	no storms		20	88	10	2	no storms	3/31	82	7	1
10	95	10	2	no storms		21	89	8	3	no storms				
3/11	94	23	3	moderate, G2	3/22	87	8	2	no storms					

Gx – Geomagnetic Storm Level

Rx – Radio Blackouts Level

Sx – Solar Radiation Storm Level



FOR SALE – Compiled by: Phil Bytheway
E-mail: phil_tekno@yahoo.com

I'm selling my ICOM IC R-7000, a VHF-UHF rig that covers 25-999 megahertz. Dimensions are 5" high, 11 1/2" wide and 11" deep, and it weighs about 18 pounds. It comes with an instruction manual, and I'm also throwing in a 36" Radio Shack mobile scanner antenna that's attached to it. Asking \$300 for the whole set-up. Please let me know of anyone you think might be interested in it.

73, Rick Dau drummer1965us@hotmail.com

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.

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the **NRC Antenna Pattern Book** is now available. This all new edition prepared by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the AM Radio Log and NRC'er John Callerman's comprehensive Mexican station listing.

The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the end of the book.

Price: **IRCA/NRC Member USA** \$22.95, \$28.95 for non-members (add \$4.00 for Priority Mail delivery to US addresses only). To Canada \$36.25; airmail outside of US and Canada \$41.75. For those outside the US, use PayPal or a postal money order in US funds only.

36th Edition of the National Radio Club's AM Radio Log

The **NRC's AM Radio Log** is a source for information on AM Radio Stations in the United States and Canada. The 36th edition of the Log contains approximately 280 pages of data and cross references and 22 pages of instructions in 8-1/2" x 11" size, 3-hole punched, US loose leaf format. This publication fits nicely into a 1" three-ring binder. 8,500+ updates since last year's 35th Edition of the log! Additional reference lists include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the log book) and a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Price: **IRCA/NRC Member USA** – \$22.95 (Media Rate), **IRCA/NRC Member USA** – \$26.95 (Priority Mail), **Non-Member USA** – \$28.95 (Media Rate), **Non-Member USA** – \$32.95 (Priority Mail), **Canada (Member/Non-Member)** – US\$36.25, **Outside US/Canada (Member/Non)** – US\$41.75

Order from NRC, PO Box 473251, Aurora CO 80047-3251 or www.nrcdxas.org. Colorado residents, please add 3.5% sales tax. Please state club affiliation when ordering.

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

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MEMBERSHIP DUES

Destination	Rate
USA	\$10
Canada & 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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THE INTERNATIONAL RADIO CLUB OF AMERICA
PO Box 60241, Lafayette LA 70596
<http://www.ircaonline.org>

2015-2016 Ted Vasilopolous Award (TVA) (vote for one):

- _____ **Gary DeBock** for his Ultralight experiments and articles, many DX loggings contributed to both the e-mail group and **DX Monitor**, as well as for organizing the UL e-mail group, and ensuring its continuing vigor.
- _____ **Lynn Hollerman** for her continuous support as Secretary/Treasurer for IRCA for many years.
- _____ **John C Johnson** is one of the few remaining charter members of IRCA, DXer for over 50 years, active and regular contributor to DXM, CDXR editor for nearly 30 years, serving on the Board of Directors, and hosting three conventions.
- _____ **Nancy Johnson** for her ongoing editorship of the WDXR column as well as co-hosting the outstanding IRCA convention in Billings MT.
- _____ **Patrick Martin** for his editorship of DXWWW as well as many significant contributions to our hobby over the years as Board member and providing us with examples of coastal DX.
- _____ **Neil Kazaross** for his development of the KAZ and DKAZ antenna, as well as his experimenting with arrays and sharing the results of those developments with other DXers. He has also contributed valuable information about antennas and DXing on club e-mail lists, and through talks at conventions.

(name/reason)

(There is a write-in space above to vote for any IRCA member, except for the following members who have won the TVA in the last five years and are ineligible this year: **Eric Bueneman, Nick Hall-Patch, Lee Freshwater, Richard C Evans, and Phil Bytheway.**)

2015-2016 Ric Heald Award (RHA) (vote for one):

- _____ **Bill Block** for serving his first term on the Board of Directors and his loggings contributions over the past year.
- _____ **Ernest Wesolowski** for his involvement with the Fort Wayne convention last year and co-hosting the Kansas City convention this year.
- _____ **Bob Wien** for his work on the Broadcasting Information column over the past year.

(name/reason)

(There is a write-in space above to vote for any IRCA member, except for the following members who have won the RHA in the last three years and are ineligible this year: **Phil Bytheway, Mark Connelly, and Kraig Krist.**)

This ballot must be RECEIVED by the Election Committee Chairman, **Nick Hall-Patch**, no later than 0001 hours Eastern Standard Time, May 15 2016. You may simply state your votes in a regular e-mail text, if you so choose. E-mail to: **nhp@ieee.org**