

November 19, 2005 - Volume 43, Number 10 - Edition 1362 - ISSN 899-9733

This week, IRCA welcomes **Michael A. Ostrowski** from Saline, MI and **James L. Dean** from New Orleans, LA. The **IRCA Convention** location **Special Election** insert this issue. Read and vote for the location of your choice by 1/3/06.

BROADCAST TEST COORDINATOR – DX TESTS

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

Tests are off to slow start this season, but we're working hard to arrange more. To start us off, we've got a Western test and a rare simultaneous test from two stations!

Daily	0300-0305	1620	WNAR	Lansdale PA	(David McCrork)
Sun 12/ 5/05	0106-0115	1700	KKLF	Richardson TX	(Bill Hale)
Sun 12/11/05	0000-0100	990	WNTP	Philadelphia PA	(Rene' Tetro)
Sun 12/11/05	0000-0100	560	WFLI	Philadelphia PA	(Rene' Tetro)

WNAR 1620 KHZ Lansdale, PA is still conducting a DAILY DX TEST at 0300 ELT. The test consists of code ID's between 0300 and 0305 and will continue until further notice. Reception reports with RETURN POSTAGE can be sent to **David McCrork**, WNAR-AM, Box 18, Tylersport PA 18971-0018. WNAR operates with a power of 100 MILLIWATTS! (The station was heard almost 5 miles from Lansdale on a recent trip to the area so it does get out very well).

PS: Web page at www.wnar-am.com has full station info.

KKLF 1700khz Richardson, TX DX Test. Date(s): December 3-4, 05 (**Late Saturday-Sunday Morning**) Time: 0006-0015AM CST (0606-0615 UTC) 9 Minute long Test Modes of Operation: 1KW Non-Directional Programming: Morse Code superimposed over regular programming.

Notes: Station prefers to receive reports via e-mail. If you wish to send a snail mail QSL request, please include an SASE.

Station notes that as the same audio is available on KLIF 570 kHz, no verification without audible proof of reception of 1700. Please include an MP3 file with e-mails, or a CD/Cassette with snail mail reception reports.

Reception reports via e-mail only:

Hue Beavers hbeavers@dfwradio.com

Special thanks to Bill Hale of the NRC for helping to arrange this test, and to Hue Beavers and the staff/management of KKLF for this rare X-Band test!

WNTP 990khz Philadelphia, PA DX Test, **WFLI 560khz Philadelphia, PA** DX Test. Date(s): December 10-11, 05 (**Late Saturday-Sunday Morning**) Time: Midnight EST-0100 EST (0500-0600 UTC) Modes of Operation: 1st Half Hour: WNTP 50KW DA-D/WFLI 7.1KW DA-D, 2nd Half Hour: WNTP 2.5kW NDA/WFLI 2.5KW NDA

Programming: Morse Code ID's, Sweep Tones, Voice Announcements.

Notes: A simultaneous DX Test from two stations! CE Rene' Tetro is very interested in hearing what differences listeners notice during the NDA period of the test when both stations will be running the identical power levels from the same tower site.

Reception reports should go to:

Rene' F. Tetro rene@wfll.com

All standard mail reports should go to:

Rene' F. Tetro,
Chief Engineer
Salem Communications - Philadelphia
WNTP-AM/WFIL-AM
117 Ridge Pike
Lafayette Hill, PA 19444

Thanks to Rene' Tetro and the staffs of WNTP/WFIL for arranging this test!

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WESTERN DX ROUNDUP

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

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Each Friday. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (RA) **René E. Auvray**-Henderson, NV
(RA-CA) DX'ing in Torrance & San Pedro, CA using the 2001 Ford Crown Victoria car radio
- (BB) **Bill Block**-7716 E. Thelma Dr.-Prescott Valley, AZ 86314 billwblock@msn.com
R-390A, EWE (20x50x20)
- (LG) **Larry Godwin**-2390 Clydes Dale Lane-Missoula, MT 59804 lbg@mtwi.net
Hammarlund HQ-150, Sanserino air-core box loop
- (GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 skinner@columbia-center.org
R-390A, R-388, Hammarlund SP-600, Drake R8B, multiple longwires, Radio Shack loop, Sanserino loop amplified
- (PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net
Drake SPR4, 1550' Eastern Beverage, MW550P Palstar
- (BP) **Bob Pietsch**-3700 Abby Court-Rocklin, CA 5765-4654 robert@pietschs.net
Grundig Satellit 800, Terk AM Advantage loop
- (NP) **Nigel Pimblett**-Box 168-Dunmore, AB T0J 1A0 ntp@shockware.com
Kenwood R-5000 with KPAY and Beverage antennas
- (MAS) **Mary Anne Sanford**-P.O. Box 17551-Portland, OR 97217-0551 ke7cgz@arrl.net
IC-746PRO, G5RV SE/NW @31'

- *****
- 530 WPVW567 WA, Ellensburg 10/31 0925 WA State DOT station with tape loops by man, and station ID's by woman "This is radio station WPVW567, WA State Dept. of Transportation Highway Advisory radio at Ellensburg." (NP-AB)
- 540 KNMX NM, Las Vegas 10/28 0925 bilingual dedications program. New Mexico news at 1333, weather from "Action 7 News" meteorologist. (NP-AB)
+11/04 1905 with weather for Las Vegas. (BB-AZ)
- KNAK UT, Delta 10/28 1000 woman thanked listeners for tuning in to KNAK, mentioned Delta High football the next day, then into USA Radio news. (NP-AB)
- CBK SK, Watrous 10/18 0247 lite oldies, YL announcer, over Spanish language station. (MAS-OR)
- 550 KTZN AK, Anchorage 11/10 tearing up KOAC with ESPN Sports at 0430, "The Zone" slogans and an announcement on job opportunities with Clear Channel Radio, call 522-1515 for more information, which is KTZN's phone number. (PM-OR)
- 560 KSFO CA, San Francisco 10/18 0255 with conversation about Tesla. (MAS-OR)
KLZ CO, Denver 10/29 0000 "KLZ Denver" ID heard through dominant KMON, then into sports news. (NP-AB)
- 570 KVI WA, Seattle 11/10 0220 Coast to Coast, not bad, in moderately strong. (MAS-OR)
- 580 KIDO ID, Nampa 10/18 0301 Fox News Radio, ID "Newsradio KIDO." (MAS-OR)
- 590 KID ID, Idaho Falls 10/18 0308 Coast to Coast with George Norry. (MAS-OR)
- 600 CKBD BC, Vancouver 10/18 0314 "Vancouver's Adult Favorites." (MAS-OR)
- 610 KONA WA, Kennewick-Richland-Pasco 10/18 0320 with Coast to Coast. (MAS-OR)
- 630 KFXD ID, Nampa 10/30 0746-0751 little KFI QRM with call ID & jingles between C&W songs. First time heard in CA, very rare prior to KFI reducing transmitting power. Heard in San Pedro, CA. (RA-CA)
- CHED AB, Edmonton a surprise while driving. I tuned over while driving near the ocean to see how strong I would hear KWRO Coquille, OR at 1815, and what a surprise to hear traffic reports for Edmonton. Mention of 630 CHED, on top of channel. I never did hear KWRO at that time. This one is not common here. (PM-OR)
- CKOV BC, Kelowna 10/28 0936 "CKOV news time 6:36," ads, HP sponsored piece on a fishfinder. (NP-AB)
- 640 KFI CA, Los Angeles 11/10 0223 Coast to Coast (discussing the Mayan technology), nice signal. 10/18 0324 "Art Bell Coast to Coast." (MAS-OR)
- 650 ?KSTE? CA, Sacramento 11/10 Coast to Coast with pop music behind, fading at 0230 to behind music. (MAS-OR)
- 660 ?KTNN? AZ, Window Rock 11/10 0732 giving weather on trucker's network, with pop music QRM (Nat King Cole). (MAS-OR)
- 670 KBOI ID, Boise 10/13 0246 the Midnight Trucking Radio Network. (MAS-OR)
- 700 KXLX WA, Airway Heights 11/5 1914 good on top of channel with "ESPN, the Ticket 700," many Spokane ads. (PM-OR)
- 720 KUAI HI, Ele'ele 11/4 1410 mix of pop and Hawaiian music, ID as "720 KUAI." (NP-AB)
- 750 KFQD AK, Anchorage 11/9 0025 on top of KXL with the Phil Henry Show, local break at 0030 with ID "AM 750, KFQD," then local news. 11/10 good mixing with KXL at 0605

with "David Letterman Saturday mornings on AM 750, KFQD," followed by an "AM 750 KFQD" jingle. (PM-OR)

780 KNOM AK, Nome 11/10 0455 good over KKOH at times with C&W music, 0459:50 "You are tuned to KNOM Nome Alaska," into AP Network News, 0503 weather forecast for different parts of Alaska. Most areas with scattered snow showers, lows zero to 5 above, highs 5-15, into more C&W music at 0506. (PM-OR)

KAZM AZ, Sedona 10/30 0920 pop music by Journey, "41 degrees, 23 after 6:00... from 780 K-A-Z-M," then back to music with song by Celine Dion. (NP-AB)

790 CFCW AB, Camrose 11/5 2315 C&W music with jingle ID. Fair signal, choppy at times but alone with no KABC. (GH-OR)

840 WHAS KY, Louisville 11/10 2318 weather, ID as "84 WHAS," back to local talk program. (NP-AB)

870 WWL LA, New Orleans 11/1 0000 talk program into news, mention of Clear Channel Radio 870 WWL. Really poor in/out of the static but totally alone. Second time heard this season. (GH-OR)

930 KSEI ID, Pocatello 11/5 0904 several local ads, then ID as "Fox Sports 930, KSEI." (NP-AB)

1010 WINS NY, New York City 10/31 0059 lottery numbers for NJ, CT, then reference to "Wins news time" and WINS call sign. First time heard in several years. (NP-AB)

1020 KWIQ WA, Moses Lake 10/29 0000 ESPN sports talk with fair to poor signal, suddenly overtaken by unID Spanish speaker. SP-600 on N-S wire. (GH-OR)

1030 WBZ MA, Boston 11/9 1950 timecheck as "WBZ Newstime 7:50," then weather, promo for TV programs. (NP-AB)

1060 KKVV NV, Las Vegas 11/5 0855 with ID "KKVV Las Vegas." (BB-AZ)

1050 ?KLOH? MN, Pipestone 10/19 assume the one with MN news, then faded. Usually CKSB & CJNB dominate. (LG-MT)

KORE OR, Springfield 11/2 in the hash with call ID at 0900. (LG-MT)

KDYL UT, Salt Lake City 11/3 0833 ad for Mexican restaurant, ID as "AM 1060 KDYL, we're playing the music of your life," then back into NOS music. (NP-AB)

KXPL TX, El Paso 11/5 0757 with s/on first in English, and then in Spanish. (BB-AZ)

CKSB MB, Winnipeg 10/26 strong in French with "Radio Canada" and call ID at 2100. (LG-MT)

1060 KYW PA, Philadelphia 11/9 1930 lottery numbers, mention of **kyw.com** website, time given as "KYW news time 7:30." (NP-AB)

1070 KVKK MN, Verndale 11/8 0800 played C&W with a good signal in KNX null. Man said it was "Minnesota's most powerful... KVKK Verndale and all of Minnesota." New. (LG-MT)

1080 KSCO CA, Santa Cruz 11/5 0900 with ID, then into news. (BB-AZ)

1110 KAGV AK, Bi Lake 11/11 mixing with KBND with soft relig. music and announcement about "Alaskans" at 0158, then KBND QRM. At 0200 I caught a "K-A-G-V" jingle going into USA Radio news. At 0202 on top of KBND briefly, then faded underneath. New for me. (PM-OR)

1140 KSOO SD, Sioux Falls 11/10 2355 Dr. Laura program, ID at the hour as "11-4-Oh, KSOO Sioux Falls." (NP-AB)

1190 KVSU KS, Beloit 11/9 1946 weather report, ending with station ID "...here on KVSU, your most trusted source for weather in north-central Kansas and south-central Nebraska." (NP-AB)

1210 WPHT PA, Philadelphia 11/9 1934 weather forecast "...on the Big Talker 1210, WPHT." (NP-AB)

KHAT WY, Laramie 11/9 2146 with ID and weather. (BB-AZ)

1230 KEXO CO, Grand Junction 10/22 2000 had a fair signal, ID'd in Spanish at top of the hour after a ballad. (LG-MT)

KKEE OR, Astoria 10/31 0900 ID at the hour "Sports radio 1230 ESPN, KKEE Astoria," then into Sports Center. (NP-AB)

1240 KQEN OR, Roseburg 10/26 2345 ESPN sports talk with several ID's. Unusual as most ESPN's seldom if ever identify. Weak but atop the mix at times. (GH-OR)

1310 KZXR WA, Prosser 11/2 0000 news and ID fighting it out with KMKY but mostly on top. Fair at times but mostly poor. Drake with RS loop. Last heard 2/04. (GH-OR)

1340 KLKI WA, Anacortes 11/3 0000 mention of KLKI.com and Unchained Melody by Righteous Brothers. Not much else intelligible in a whirling jumble. (GH-OR)

KTCR WA, Kennewick 10/27 0800 with ID "Talkradio 1340, Kennewick, Richland, Pasco." Didn't hear call. (LG-MT)

1400 KJDY OR, John Day 11/5 1715 good on top briefly with NW Insurance Group agent in John Day "Tell them you heard about it on KJDY." (PM-OR)

1420 KUJ WA, Walla Walla 11/6 0221 ID as "KUJ Radio" followed by ESPN Sports News, weak under Spanish (presumed XEXX). (BP-CA)

1430 KYKN OR, Keizer 11/6 0244 "KYKN" ID followed by Michael Medved show. (BP-CA)

KLO UT, Ogden 11/6 0259 ID as "AM 1430 KLO" into Sports America with Patrick Marlowe. (BP-CA)

1440 KRZD CO, Wray 10/23 very strong and alone at 1954. Man said "Timeless rock... classic hits 1440, KRZD." (LG-MT)

1450 KBFI ID, Bonners Ferry 11/11 0900 ended "Daybreak USA" and man said "We're the talk of the town... news, talk, sports, 1450 KBFI." (LG-MT)

1450 KVSI ID, Montpelier 11/7 1759 "Bulletin Board" feature with KVSI address. (NP-AB)

KIOV ID, Payette 11/11 0800 ID as "Sports radio 1450, KIOV." (LG-MT)

KZZJ ND, Rugby 10/29 1643 high school football coverage, local Rugby area ads. (NP-AB)

KONP WA, Port Angeles 10/21 weak at 0800 with ID "Newsradio 1450, KONP" followed by ABC news. New. (LG-MT)

?KWOK? WA, Hoquiam 10/25 0900 probably the one with ID that sounded like "ESPN Radio 1490, KWOJ." Only heard once before. QRM from station with American Indian chanting, surely KYNR. (LG-MT)

1460 KDMA MN, Montevideo 10/29 1800 "Playing the widest variety of country in west central Minnesota, 1460 KDMA, Montevideo," then into ABC news. (NP-AB)

1490 KCID ID, Caldwell 11/5 good on top of mess with oldies rock and "14-90 KCID" ID at 1710. (PM-OR)

KYNR WA, Toppenish 11/5 heard with Yakima Nation Indian programming as usual at 1711, under /over KCID. (PM-OR)

1520 KSQB SD, Sioux Falls 11/7 1800 over KMAV with ID as "AM 1520, KSQB Sioux Falls." (NP-AB)

1530 KCMN CO, Colorado Springs in KFBK null had talk across the hour, and then singing ID by woman, oldies followed. (LG-MT)

WCKY 11/7 1754 insurance ad, traffic report, on top of KFBK at times. (NP-AB)

KXTD OK, Wagoner 10/20 2002 was, after all, the strong Spanish-speaker I heard in KFBK null at 2002. I listened to my tape again and there's a weak "KXTD 15-30" ID in Spanish, plus slogan "La Que Buena" twice. KXTD is a daytimer and man at station told me by phone that it s/off at 2000; not so! An NRC member in Denver also heard it 10/18 at 2005. New. (LG-MT)

1560 KKAAB SD, Aberdeen 10/29 1656 choral hymn, Family Radio programming, ID as KKAAB Aberdeen, then back to Christian music. (NP-AB)

1590 KDJS MN, Willmar 10/29 1744 end of "Bad Bad Leroy Brown," quick KDJS ID, then a local PSA and ad prior to "KDJS weather." (NP-AB)

KTCH NE, Wayne 10/29 1752 football coverage, mention of "KTCH in Wayne," then list of football broadcast sponsors. (NP-AB)

UNIDS

1050 UNID 10/27 0030 AC type format giving only "The Key" ID. Fair at times but sputtering in CJNB null. R-390A with Sanserino loop. (GH-OR)

1550 UNID 10/31 0930 station carrying NPR news, fighting through KMPC-1540. Who is carrying NPR on this channel? Heard in Torrance, CA. (RA-CA)

Welcome to WDXR Mary Anne, we hope to hear from you often. Through the years lady reporters have few and far between. Nancy 11/11 2100

CENTRAL DX ROUNDUP

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

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

RIDING GAIN

[NJ-MT] **Nancy Johnson**, Billings, MT NancyJohnson@Prodigy.net
Drake R8B, Kiwa loop.

DOWN THE DIAL

550 KFYE ND, Bismarck. 11-10. 23:00 with "Your news and information station since 1925, AM 5-50 KFYE Bismarck." [NJ-MT]

940 CJGX SK, Yorkton. 11-8. 20:00 with "CJGX 9-40 AM Stereo Yorkton. Serving Saskatchewan and Manitoba. We are GX-94." [NJ-MT]

980 KDSJ SD, Deadwood. 11-7. 21:05 out of ABC News with "Solid Gold 98 KDSJ" into KDSJ Sports Scoreboard. [NJ-MT]

1050 CKSB MB, Winnipeg. TENTATIVE. 11-7. 19:00 in FF, mention of Manitoba into CBC News. [NJ-MT]

25 YEARS AGO

November 22, 1980 issue of IRCA's "DX Monitor" ... **Neil Wolfish** of Toronto, ON said he teaching swimming and life guarding every Saturday ... **Bill Wurtzel** of New York, NY told about getting a used Drake SW4-A ... **Randy Tomer** of Arcata, CA told about the good Alaskan reception in late September ... **Gary Larson** of Burbank, CA reflected on the passing of **Mort Meehan**.

OPEN MIKE

This year's DX contest is giving many a chance to log new stations. Have you joined? This column was typed 11-12-05. 73, John



Springfield's Sports Station
and the home of the St. Louis
Rams

EASTERN DX ROUNDUP

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

E-mail: lfreshwater@cox.net

Deadlines: 0800 Saturdays!! We are NOW weekly!!!!

STARS OF THE WEEK

(IEN-GA) **Ira Ebert New** Watkinsville, GA
Drake R8B, 135' N/S LW, Sangean ATS 909, Sony 2010
(RCE-IN) **Rick Evans** I/7416 Hearthstone Way Indianapolis IN 46227-7923
(WM-MD) **William McGuire** 2412 59th Place, Cheverly MD
DX-398

LOGGINGS

550 VA WSWA Harrisonburg 10-31 1710 ID. (WM-MD)
560 MD WFRB Frostburg 11-02 1759 ID. (WM-MD)
590 KY WVLC Lexington 10-31 1856 Local ads. (WM-MD)
PA WMBS Uniontown 11-02 1733 ID; NOS mx. (WM-MD)
800 MS WQST Forest 11-9 0530-0537 good, looped clear from KOA w/ID, Ex mentions of
concerts in various Miss. towns. (RCE-IN)
900 NC WAYN Rockingham 11-8 0600 s/on w/SSB fair for a couple of min. (RCE-IN)
VA WKDW Staunton 11-8 0621 fair with sports item, ID with local spot, WX ID then
gone. (RCE-IN)
1090 MD WBAL Baltimore 10/20 1744 Traffic and weather for the Baltimore area. Good,
steady signal. "WBAL Radio News". (IEN-GA)
1200 ON CFGO Ottawa 10/15 0006 Sports news and scores. Good signal (20 over S9).
"Sports Radio, The Team 1200". (IEN-GA)
1290 MB CFRW Winnipeg 11-9 0355-0358 fair-poor with ID, oldies. (RCE-IN)
1360 NJ WNNJ Newton 11-02 1925 Local mentions. "Oldies 1360". (WM-MD)
1370 IL WLLM Lincoln 11-11 0028-0135 fair mixing with WSPD, gospel music, mentions of
carrying Southern Gospel. (RCE-IN)
MO KWRT Boonville 11-11 0101 and later, poor u/WSPD/WLLM, in and out w/C&W
"Class Country 1370 KWRT", station #600 heard here. (RCE-IN)
1470 VA WBTX Broadway 10-31 1722 S. GSPL MX hrd. (WM-MD)

Thanks to Ira, Rick and William this week. Best to you all.... More next week.....0930 11-12-05

DX WORLDWIDE – WEST / TROPICAL BAND DX

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

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

Greetings everyone,

With the A & K index going up of late, DX has slowed down a bit, but here is still quite a bit to report. Even a TA, some LA's, and TP's. Oh yes, we also have a new reporter, Mary Anne Stanford from Portland OR. Welcome Mary Anne. So away we go.

TRANS ATLANTIC DX ROUNDUP

183 ICELAND, 0151 to 0201 UTC 11/13. Poor to het with pop mx, man talking at 0200. (SR-OR)

PAN AMERICAN DX ROUNDUP

530 TURKS & CAICOS, Caribe e Islas, Radio Vision Cristiana 10/26 0515-0525, SS, Christian programming, faded out at 0525 UTC. Was pretty good reception earlier. (MAS-OR)
+ Also heard 11/9 0559 with Radio Vision Christiana ID including mention of 1330 AM in NY. Fair signal. (DR-OR)
600 CUBA, Radio Rebelde 11/9 0724 with two men having a discussion in SS //5025. Deep fades. (DR-OR) (Good catch Dan. This one is rarely reported on the West Coast. PM)

TRANS PACIFIC DX ROUNDUP

153 RUSSIA, FE 1416 11/13. Poor. (SR-OR)
+ Also noted Radio Rossii fair signal at 1000 UTC 11/12. Pips and ID, Couple ID's at 0958. (DV-OR)
180 RUSSIA, FE, weak with man in Russian in passing at 0950 11/13. (PM-OR)
189 RUSSIA, FE Radio Rossii with fair signal with woman in Russian 1445 11/12. (DV-OR)
279 RUSSIA, FE 1416 11/13. Poor. (SR-OR)
531 JAPAN, Morioka JOQG 11/9 1453 Piano mx //594, poor. (NHP-BC)

550 ALASKA, Anchorage KTZN, tearing up KOAC with ESPN Sports at 0930 UTC 11/10. "The Zone" slogans and an anmt for Job opportunities with Clear Channel Radio, call 522-1515 for more information, which is KTZN's phone number. (PM-OR)
558 JAPAN, Kobe JOCR, good with woman in JJ in passing at 0910 UTC 11/13. (PM-OR)
567 JAPAN, Sapporo JOIK 11/9 1451. Piano mx, nil to fair //594 which was good and faded and this became stronger yet. Also 11/11 0745 with choral mx nil to poor //594. Both channels looped towards Japan. (NHP-BC)
612 JAPAN, Fukuoka JOLK 11/9 1457. Man talking in JJ, usually over mumbling, likely 4QR, nil to fair //594. (NHP-BC)
639 CHINA, Various, Voice of China 11/9 1504. Faint and unreadable woman talking, seemed //5030, man talking and also unreadable was often dominant. (NHP-BC)
648 RUSSIA, Ussuryisk, VoR 11/13 1214. Woman talking in KK? nil to poor //3955 which was even poorer quality. (NHP-BC)
650 ALASKA, Anchorage KENI 11/10 0706 Briefly faded up to hear mention of KENI by female into Anchorage and South Central Alaska weather. Poor, using wire. (DR-OR)
666 JAPAN, Osaka JOBK 11/9 1507. Man talking, very poor in splash but seemed // 594. (NHP-BC)
750 ALASKA, Anchorage KFQD good mixing with KXL at 1105 11/10 with "David Letterman Saturday mornings on AM 750 KFQD" Followed by an "AM 750 KFQD" jingle. (PM-OR)
756 CHINA, Various, Voice of China 11/9 1511. Woman talking mostly unreadable and mixing with something else, but //5030. (NHP-BC)
774 JAPAN, Akita JOUB 11/6 0928 Weak with man speaking JJ then brief inst. mx at 0934 followed by female speaking. (DR-OR)
+ Also noted 11/9 1640. A second and even stronger experience of this one signing off 90 minutes after receiver sunrise with call ID, anthem and mx box. (NHP-BC)
+ Also heard using 3 khz filter, can hear them nicely with man and woman, weak but readable if I understood JJ, would be able to understand them at 11/5 0910-0920 UTC. My first TP!!! (MAS-OR) (Good going Mary Anne. PM)
780 ALASKA, None KNOM good over KKOH at times with C&W mx 0955, 059.50 "You are tuned to KNOM Nome Alaska". Into AP Network News, 1003 Weather forecast. Lows zero to 5 above, highs 5-15, into more C&W mx at 1006 11/10. This one has been more common this season. (PM-OR)
864t JAPAN, UNID, JO?? 11/11 1500, 2 and 1 pips heard on hour, but otherwise weak man and woman voices battling the splatter. (NHP-BC) (Probably the HBC stations, JOHE or JOQF I would guess. Both are heard here often when cx are decent. PM)
936 CHINA, Anhui 1428 11/9, S-9 signal at times. New here. (DV-OR)
945 JAPAN, various Voice of China 11/9 1520. Woman and man talking poor pretty much unreadable, fading up to //5030. (NHP-BC)
1110 ALASKA, Big Lake KAGV mixing with KBND with soft rel mx and anmt about Alaskans at 0658 11/11, then bad KBND QRM. At 0700, caught a "K-A-G-V" jingle going into USA radio news. At 0702 totally on top of KBND and soon faded underneath. New for me. (PM-OR)
1287 JAPAN, Sapporo JOHR 11/11 0647. Fair Female or child talking in an animated voice with mx At 0700 man w/news or commentary in JJ. Surprised at this catch. Yes indeed, New. (DP-OR)
1305 SOUTH KOREA, Uljin HLSV 11/9 1530 Fading up to near readability, woman talking //3930. (NHP-BC)

QSLs

1270 MEXICO, Tijuana BCN XEAZ Radio Capital nice EE email from lic. Norma Pennock Rico, Manager including a 6 page attachment with station information and advertising rates in both EE and SS, Unfortunately the email was only a Thank You. This received in 10 days for SS report with a CD. (MF-CA) (That is unfortunate, but at least that did reply. PM)
1700/1090 MEXICO, Tijuana/Tecate BCN XEPE/XEPRS. A couple e mail follow ups to Rich Bachman has resulted in a couple XEPRS stickers, but no veries. (MF-CA) (Does either station have offices in the US? If so, maybe a trip to them? PM)

THANKS TO THESE REPORTERS

MF-CA - MARTIN FOLTZ, Mission Viejo, CA martin.foltz@qlogic.com
NHP-BC - NICK HALL-PATCH, 1538 Amphion St, Victoria BC V8R 4Z6 Canada nhp@ieee.org
DXing with Drake R8 w/flag antenna, Dymek DR333 w/sloper.
DP-OR - DOUG PIFER (KE6GMM), 3410 Marion St SE, Alnany OR 97322
oregon4wd@comcast.net
DXing with Drake R8B, KIWA Loop
SR-OR - STEVE RATZLAFF, Elgin OR steveratz@eoni.com
DXing with 746 Pro, longwires
DR-OR - DAN RIORDAN, Sherwood OR rior4448@earthlink.net
DXing with Drake R8, Palomar Ferrite Core Loop, 75' longwire
MAS-OR - MARY ANNE SANFORD, Box 17551, Portland OR 97217-0551 ke7cgz@arrl.net
DXing with IC-746PRO, G5RV SE/NW @ 31'
DV-WA - DENNIS VROOM, Vancouver WA vroomski@comcast.net
DXing with JRC 545, H-800 active antenna, 50' EWE NW

PM-OR - **PATRICK MARTIN**, Box 843, Seaside OR 97138-0843 mwdxer@webtv.net
DXing with Drake R8, modified Drake SPR4, Palstar MW550P preselector, MFJ phasing unit, WNW EWE, SW EWE, 45 foot vertical for phasing, 1500' Eastern beverage term.

VERY MIGHTY GRAYLAND DXPEDITION (cont)
Plus Harold H. Beverage's birthday party
October 13 – 16, 2005

- 666 **JAPAN** JOBK NHK1 Osaka at a fair to good level // NHK1 594 at 1305 Oct. 14. (CH-WA Oct 2005)
+ Oct 14 1450 - Heard here most mornings of DXpedition, often at good level // 594. (Bryant-WA Oct 2005)
- 666 **PHILIPPINES** Manila, DZRH 1427 10/14, probably the Tagalog talk briefly good, nothing but Japan noted at later rechecks. (bp WA Oct 2005)
- 670 **ALASKA** KDLG Dillingham with an NPR blues music show 1140 Oct. 15. 1200 ID mentioning various relay stations around the area. (CH-WA Oct 15)
+ 0430 10/16 woman w/weather for various parts of southwest Alaska o/u KBOL. (bp WA Oct 2005)
- 675.03 **VIETNAM** Voice of Vietnam, Oct 16 14:00 - Very strong signal with the Voice of Vietnam interval signal, well known to all dxers. Continued even stronger at 14:12. Just a minor amount of splatter. Appears to drift very slightly as I measured them yesterday at 675.06, and 675.03 today. (Salmaniw Oct 2005, Grayland, WA)
- 675 **JAPAN** Hakodate JOVK, 1445 10/14, piano music fair //666/594. (bp WA Oct 2005)
+ NHK1 Synchros, Oct 16 1435 - Almost certainly, this // to 594 was JOVK, Hakodate, Hokkaido with fair signal and JJ talk. (Bryant-WA Oct 2005)
- 675 **VIETNAM** My Van Radio Hanoi 1, 1232 10/16 man in Vietnamese, SE Asian instrumental music fair //5975. Quite good w/group vocal music //5935 1424, then talk by man. (bp WA Oct 2005)
+ Oct 16 1440 - A frequent visitor all nights of this DXpedition, noted with Vietnamese talk and folk music. Very strong and clear during peaks. (Atkins-WA Oct 2005)
+ Oct 18 1400 - Heard here at excellent level with VOV interval signal and ID at TOH. This seems an easy log this season (even from my home on Orcas Island). Never heard by me prior to this year. New transmitter, ground or antenna system?? (Bryant-WA Oct 2005)
- 680 **ALASKA** Barrow, KBRW, this log is somewhere between very tentative and wishful thinking. I listened for a long time both nights and mostly heard a receiver generated CBU spur under KNBR, but 0609 10/15 someone had weather w/temps in 20s & 30s. That's too warm (!) for Barrow this time of year, but the temp could have been for someplace else (Alaskan stations tend to report weather for half the state). (bp WA Oct 2005)
+ Oct 15 10:25 - Tentative logging since no ID heard (still need to check recordings), but talk about dangerous bears. Need to confirm more before I'm sure of this one. (Salmaniw Oct 2005, Grayland, WA)
- 693 **JAPAN** JOAB NHK2 Tokyo, Oct 14 0935 - Noted here throughout the DXpedition, often at excellent levels. This station seemed more prominent on the band than in recent years. Really getting out well. (Bryant-WA Oct 2005)
+ 1546 14 Oct. Man in JJ //828 pr-fr; the big Japanese outlets outside of 774 were rarely impressive on this trip. (NHP-WA)
+ Oct 15 12:07 - Usual NHK2 programming at very good levels, as were many of the other usual parallels. (Salmaniw Oct 2005, Grayland, WA)
+ Oct 16 14:12 - English news for this NHK2 station. Excellent, except for minor splatrr from 690 CBU. (Salmaniw Oct 2005, Grayland, WA)
- 700 **ALASKA** KBYR Anchorage 0324 Oct. 16 fair with PSA brought to you by the Alaska something or another. (CH-WA Oct 2005)
+ 0356 10/16, nearly alone w/local ads, call ID. (bp WA Oct 2005)
+ 0420 16 Oct. Tom Gresham? w"gun talk", ID and Alaska mentions. (NHP-WA)
- 702.01 **NORTH KOREA** KCBS/Pyeongyang Pangsong Chongjin, Oct 17 0927 - Noted here at poor level (almost on frequency, tho) definitely // 2850 kHz. (Bryant-WA Oct 2005)
- 702 **AUSTRALIA** 2BL Sydney, 10/14 1217 utc. medium, mentions of Australia. (Ratzlaff Oct 2005)
+ Oct 15 12:15 - ABC programming, and gave a website sounding like **ABC.au**. Good reception. (Salmaniw Oct 2005, Grayland, WA)
- 702 **JAPAN** NHK2 Synchros, Oct 14 1018 - Heard here with language lessons // 774. Fair to poor level. (Bryant-WA Oct 2005)
- 711 **SOUTH KOREA** HLKA, Sorae, Oct 15 12:17 - KBS 1 programming at fair level, and parallel to 3930. (Salmaniw Oct 2005, Grayland, WA)
+ 1203 16 Oct. Man talking in KK, fair and//3930 o/u unID slow vocal mx. (NHP-WA)
- 719.84 **NORTH KOREA** KCBS, Kanggye, Oct 14 1441 - Heard here every morning of the DXpedition, often dominating NAm regionals from this sloppy off-channel position. // 2850 kHz. (Bryant-WA Oct 2005)
- 720 **ALASKA** KOTZ Kotzebue, fair and sometimes on top (!) throughout the night Oct. 15. One of the hardest Alaskans to hear with its northerly location. Extensive weather forecasts for a long list of Alaskan towns. (CH-WA Oct 2005)

- + 0525 10/16, long talk u/KDWN but too much QRM to tell subject, 0531 gave "31 minutes past nine" TC & mentioned "a public service of KOTZ" into rock music. Noted w/very long weather report u/KDWN at 0539 recheck, nearly all temperatures were in the 20s & 30s. (bp WA Oct 2005)
- 720t **CHINA** CNR2 Synchros, Oct 18 1420 - Possibly this standard CC was CNR2, though did not appear to be parallel to SW. Good level. Was receiving North Korea simultaneously in LSB on 719.84. Will send tentative report to CNR. (Bryant-WA Oct 2005)
- 720 **HAWAII** KUAI, Eleele, 10/14 1238 utc. "AM 720 KUAI" ident. (Ratzlaff Oct 2005)
+ t 1453 14 Oct. Sounded like AM-7-20 KUAI ID by man in there w/splatter? Need to work on the recording more. Fair-poor strength. (NHP-WA)
- 720 **NORTH KOREA** presumed 10/16 1400 utc. 5 time pips then female talking. (Ratzlaff Oct 2005)
- 729 **AUSTRALIA** 5RN, Adelaide?, Oct 14 1314 - EZL music followed by lower modulation talk in English by an OM. Too much splatter from 730 to be sure, but strongest on the SW Beverage. (Salmaniw Oct 2005, Grayland, WA)
- 729 **CHINA** Jiangsu RGD Nanchang, Oct 18 1500 - Really pleased with this as last logging of DXpedition. Thanks to PAL, was able to hear // on 5019.9. Had TOH news in CC, then EE at fair level. (Bryant-WA Oct 2005)
- 729 **JAPAN** JOCK, Nagoya, Oct 15 12:20 - Weak signals, but parallel to NHK1 on 594. (Salmaniw Oct 2005, Grayland, WA)
+ 1312 Oct. 16 parallel to 594. (CH-WA Oct 2005)
- 738 **SOUTH KOREA** HLKG Daegu, Oct 15 1450 - This KBS outlet was the dominant station most mornings of the DXpedition, when there was a dominant at all. More often than not, the channel sounded like a domestic Graveyarder furball. (Bryant-WA Oct 2005)
- 747 **JAPAN** JOIB NHK2 Sapporo, Oct 14 0935 - Noted here throughout the DXpedition, often at excellent levels. (Bryant-WA Oct 2005)
+ 0700 10/16 already in w/JJ talk & time pips. (bp WA Oct 2005)
- 750 **ALASKA** Anchorage, KFQD 0351 10/14 sports broadcast w/lousy audio, local ad break o/u KXL. (bp WA Oct 2005)
- 770 **ALASKA** KCHU Valdez often on top of the channel with music that featured a bunch of Beatles songs back to back, a bunch of Jethro Tull songs back to back, and anything else back to back that helped them avoid identifying themselves. Every now and then, a mention of "going to **KUAC.org**". Mentions of Valdez and "neighborhood radio station". Gave a list of stations that relay them, and it's quite a list. (CH-WA Oct 2005)
+ 0500 10/15 faded up briefly w/partial ID "...770 AM in Valdez", then blues program. (bp WA Oct 2005)
+ Oct 16 05:15 - Finally an ID for KCHU (a NPR station in Valdez) briefly by a female announcer, and then back into a long string of music (was Bluegrass, then the Beatles). Good reception. (Salmaniw Oct 2005, Grayland, WA)
+ 0538 16 Oct. "you're tuned to KUAC Fairbanks 89.8" by woman after Zombies song, followed by weather forecast, and request for donations. Presume this is KCHU per its schedule at <http://www.alaska.net/~kchu/schedule.html>. Fair to good signal, becoming dominant on channel. (NHP-WA)
- 774 **AUSTRALIA** 3L0, Melbourne, Oct 15 12:32 - ABC Melbourne very briefly faded up, and then back into the mud within less than a minute, to be replaced by JOUB. (Salmaniw Oct 2005, Grayland, WA)
- 774 **JAPAN** JOUB NHK2 Akita, Oct 14 0920 - Noted here throughout the DXpedition, often at excellent levels. (Bryant-WA Oct 2005)
+ 0709 10/15 already good w/JJ talk. (bp WA Oct 2005)
+ NHK2 programming, and as close as a perfect '10' as possible. I noticed lots of mentions of 'radio', and 'Arabiya', but interestingly from a near 10, it faded down being replaced with 3L0 (see below!) (Salmaniw Oct 2005, Grayland, WA)
+ Oct 15 1405 - Excellent signal with R. Japan news in English, and into studio announcer at 1410; seashore and seagull sound effects... possible program on environment or nature. (Atkins-WA Oct 2005)
- 780 **ALASKA** Nome, KNOM, 0532 10/15 assumed to be the one u/KKOH w/women reciting the rosary (KNOM is owned by a Catholic church group.) (bp WA Oct 2005)
+ 10/15 0905. wx forecast, mentions of Nome. (Ratzlaff Oct 2005)
+ Noted with weather for Alaska, religious music and mentions of Nome 1052 Oct. 15. (CH-WA Oct 2005)
+ Oct 15 11:04 - A difficult catch due to the very powerful KOH, but occasionally would fade up to a good level. Not sure whether I heard a legal ID (I'll have to check the recordings), but there was Alaska weather at 11:04, and a temperature as '42 degrees in Nome', so obviously them! (Salmaniw Oct 2005, Grayland, WA)
+ 0906 15 Oct. Weather forecast about equal w/KKOH... "in Nome." (NHP-WA)
- 783p **SOUTH KOREA** HLCV Yeongwol, Oct 18 1436 - Noted here in passing with KK at good level. (Bryant-WA Oct 2005)
- 790 **ALASKA** KCAM Glennallen quite good with religious program 1052 Oct 15 and a fine ID at the top of the hour. (CH-WA Oct 2005)
+ 0555 10/16 easy listening music, 0601 "Northern Life Network... KCAM Glenallen" ID into USA network news, o/u CFCW KGMI and others. (bp WA Oct 2005)

- 792 **AUSTRALIA** 4RN Brisbane, Oct 15 1415 - Male and female talk in English, parallel to 639 8RN Katherine. Poor-fair level. (Atkins-WA Oct 2005)
 792 **SOUTH KOREA** HLSQ Seoul, Oct 17 1455 - Noted here in passing with good level and KK talk. (Bryant-WA Oct 2005)

DX WORLDWIDE - EAST

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Mark Connelly reports in with his eastern MA parallel effort to the Newfoundland and New Jersey DXpeditions.

*** TRANS-ATLANTIC DX ***

- 531 **ALGERIA** Chaîne 1, Ain-El-Beida, NOV 7 2157 - // 549, 890.95 with Arabic male vocal, flutes; fair in mix with two others (likely Spain, Madeira). [Connelly*rw-MA]
 549 **ALGERIA** Alger Chaîne 1, Les Trembles, NOV 6 0531 - Arabic news headlines; good. [Connelly*B-MA]
 + NOV 7 2157 - vocal // 531, 890.95; good. [Connelly*rw-MA]
 558 **SPAIN** RNE R.5 synchros, NOV 6 0301 - fast-talk Spanish news; over other. [Connelly*B-MA]
 567 **IRELAND** RTE R.1, Tullamore, NOV 6 0445 - light opera tenor male vocal; fair. [Connelly*B-MA]
 + NOV 8 0058 - woman in English, then jazz; over Spain. [Connelly*rw-MA]
 567 **SPAIN** RNE R.5 synchros, NOV 7 2201 - fast Spanish newstalk; dominant. [Connelly*rw-MA]
 576 **CANARY ISLANDS // SPAIN** RNE R.5 synchros, NOV 8 0058 - // 684 with Spanish talk; mixed with second station, probably Algeria. [Connelly*rw-MA]
 585 **SPAIN** RNE R.1, Madrid, NOV 7 2155 - // 621 with man in Spanish; good.
 + NOV 8 0057 - almost as strong as the WEZE/VOCM-590 mix! This would be about 74.7 dBu (5.43 mV/m) per V-Soft. [Connelly*rw-MA]
 594 **PORTUGAL** R. Renascenca, Muge, NOV 6 0308 - woman in Portuguese; through tough WEZE slop. [Connelly*B-MA]
 + NOV 8 0034 - // 963 with Portuguese teletalk; through WEZE/VOCM slop.
 + NOV 8 0057 - woman in Portuguese; good. [Connelly*rw-MA]
 603 **FRANCE** France Info, Lyon-Tramoyes, NOV 8 0056 - // 1206 with soothing light classical music; excellent, over Spain. [Connelly*rw-MA]
 603 **SPAIN** RNE R.5 synchros, NOV 7 2203 - // 621 with news; good. [Connelly*rw-MA]
 612 **MOROCCO** RTM A, Sebbaa-Aioun, NOV 7 2153 - // 207 with religious-sounding group vocal, then woman & man in Arabic; very good. [Connelly*rw-MA]
 621 **CANARY ISLANDS // SPAIN** RNE R.1 synchros, Santa Cruz de Tenerife et al., NOV 6 0306 - woman in Spanish, tropical-style vocal; excellent. [Connelly*B-MA]
 + NOV 7 2155 - // 585 with man in Spanish; excellent. [Connelly*rw-MA]
 639 **SPAIN** RNE R.1, La Coruna et al., NOV 6 0309 - // 621 with tropical female Spanish vocal; good. [Connelly*B-MA]
 648 **SPAIN** RNE R.1, Badajoz et al., NOV 8 0054 - // 621 with Spanish teletalk; fair. [Connelly*rw-MA]
 657 **SPAIN** RNE R.5, Madrid, NOV 8 0054 - // 621 with Spanish teletalk; loud. [Connelly*rw-MA]
 666 **PORTUGAL** RDP 1, Lisboa, NOV 8 0047 - // 720 with classical guitar and violins; good. [Connelly*rw-MA]
 675 **NETHERLANDS** Arrow Classic Rock, Lopik, NOV 8 0052 - Lou Reed song; fair. [Connelly*rw-MA]
 684 **SPAIN** RNE R.1, Sevilla, NOV 8 0051 - Spanish teletalk; very good, slight WRKO splash. [Connelly*rw-MA]
 693 **UNITED KINGDOM** BBC R. 5 Live, Droitwich et al., NOV 7 2206 - man & woman with news including item about rioting in France; good, over others. [Connelly*rw-MA]
 702 **MOROCCO** RTM, Sebbaa-Aioun, NOV 8 0050 - female Arabic chant; good. [Connelly*rw-MA]
 711 **FRANCE** France Info, Rennes, NOV 7 2208 - French talk; in "het sandwich" with WOR-710 and W. Sahara-711.06. [Connelly*rw-MA]
 720 **PORTUGAL** RDP 1 synchros, NOV 8 0047 - // 666 with classical guitar; equal to CHTN! [Connelly*rw-MA]
 738 **SPAIN** RNE R.1, Barcelona, NOV 7 2209 - fast Spanish newstalk; to good peak over CHCM slop. [Connelly*rw-MA]
 747 **CANARY ISLANDS // SPAIN** RNE R.5 synchros, NOV 7 2212 - woman in Spanish; mixed with Netherlands. [Connelly*rw-MA]
 747 **NETHERLANDS** R. 747 AM / R.1, Flevoland, NOV 7 2212 - Dutch talk, Middle Eastern style flute music; over/under Spain-Canaries. [Connelly*rw-MA]
 756 **GERMANY** Deutschlandfunk, Braunschweig & Ravensburg, NOV 8 0045 - classical music; good. [Connelly*rw-MA]

- 756 **SPAIN** R. Euskadi, Bilbao, NOV 7 2212 - Spanish teletalk; over low-pitched rumble. [Connelly*rw-MA]
 765 **SWITZERLAND** RSR Option Musique, Sottens, NOV 6 0438 - French vocal, then "Pata Pata" by Miriam Makeba (from '67); fair to good.
 + NOV 7 2213 - "Sad Lisa" by Cat Stevens; very good.
 + NOV 8 0044 - "A Whiter Shade of Pale" by Procol Harum; local-like! [Connelly*rw-MA]
 + NOV 8 2140 - "Maxwell's Silver Hammer" by the Beatles; easy listening in 6 kHz bandwidth as 760 (Brazil/Venezuela) & 770 (WABC) were much weaker. [Connelly*B-MA]
 774 **EGYPT** Middle East R., Tanta, NOV 7 2215 - Arabic talk by man; overtaking Spain. [Connelly*rw-MA]
 774 **SPAIN** RNE R.1 synchros, NOV 6 0433 - man & woman in Spanish; fair. [Connelly*B-MA]
 783 **MAURITANIA** R. Mauritanie, Nouakchott, NOV 7 2217 - rustic Arabic vocal, drums, and gong or cow-bell like instrument; somewhat over likely Portugal & Spain mix. [Connelly*rw-MA]
 792 **FRANCE** France Info, Limoges, NOV 8 0043 - // 1206 with classical music; slightly over SER Spain. [Connelly*rw-MA]
 792 **SPAIN** SER, Seville, NOV 7 2217 - // 873 with fast Spanish talk; good. [Connelly*rw-MA]
 801 **SPAIN** RNE R.1 synchros, NOV 7 2219 - // 855 with Spanish discussion; fair over apparent Arabic station. [Connelly*rw-MA]
 819 **EGYPT** ERTU, Batra, NOV 7 2220 - // 12050 with a cappella Arabic vocal; over apparent Spanish station and rumble. [Connelly*rw-MA]
 837 **CANARY ISLANDS // SPAIN** COPE synchros, NOV 7 2224 - Spanish talk; over two others (likely France, Azores). [Connelly*rw-MA]
 855 **SPAIN** RNE R.1 synchros, NOV 7 2219 - // 801 with Spanish discussion; mixed with probable Romania. [Connelly*rw-MA]
 864 **EGYPT** Holy Koran Pgm., Santah, NOV 8 0041 - Arabic male vocal; way over France. [Connelly*rw-MA]
 864 **FRANCE** France Bleu, Villebon-sur-Yvette, NOV 6 0431 - "Nights in White Satin" by the Moody Blues; to good peak.
 + NOV 8 2138 - soul music; excellent. [Connelly*B-MA]
 + NOV 7 2225 - woman in studio, man on phone; good. [Connelly*rw-MA]
 873 **SPAIN** SER synchros, NOV 6 2241 - fast echoey Spanish talk; fair. [Connelly*B-MA]
 + NOV 7 2217 - talk // 792; fair. [Connelly*rw-MA]
 882 **CANARY ISLANDS // SPAIN** COPE synchros, NOV 7 2228 - // 837 with Spanish teletalk; good. [Connelly*rw-MA]
 882 **UNITED KINGDOM** BBC R. Wales, Washford, NOV 8 0038 - "Give Me All Your Lovin'" by ZZ Top, then British DJ mentioned "band from Dallas, Texas"; super-loud; way over COPE. [Connelly*rw-MA]
 890.95 **ALGERIA** Chaîne 1, Algiers, NOV 7 2157 - // 531, 549 with Arabic male vocal and flutes. [Connelly*rw-MA]
 909 **UNITED KINGDOM** BBC R.5 Live synchros, NOV 7 2244 - mention of a player from Wales on a national team, then auto racing and boxing news; good. [Connelly*rw-MA]
 918 **SPAIN (t)** R. Intercontinental, Madrid, NOV 8 2135 - bits of apparent Spanish talk; in massive CJCH slop. [Connelly*B-MA]
 927 **unID** NOV 8 0036 - back-to-back dance-club music, no talk; poor. [Connelly*rw-MA]
 936 **SPAIN** RNE R.5 synchros, NOV 7 2239 - // 855 with man talking about highways; fair over others. [Connelly*rw-MA]
 945 **FRANCE** France Info, Toulouse, NOV 7 2244 - // 1206 with French interview; excellent. [Connelly*rw-MA]
 954 **SPAIN** Onda Cero, Madrid, NOV 7 2246 - Spanish-sounding talk; in nasty CHNS-960 slop. [Connelly*rw-MA]
 963 **PORTUGAL** R. Renascenca, Seixal, NOV 8 0034 - // 594 with Portuguese talk, teletalk; barely over 2 others and CHNS slop. [Connelly*rw-MA]
 972 **SPAIN** RNE R.1 synchros, NOV 8 2150 - Spanish talk; in co-channel jumble and in rough slop from WZAN-970 & WCAP-980. [Connelly*B-MA]
 981 **ALGERIA** RTVA Chaîne 2, Algiers, NOV 7 2144 - Arabic talk by two men; good. [Connelly*rw-MA]
 999 **SPAIN** COPE, Madrid, NOV 6 0538 - Spanish newstalk; very good. [Connelly*B-MA]
 + NOV 7 2145 - reverberated Spanish talk by man; loud, way over Arabic music station.
 + NOV 7 2248 - Spanish talk (likely adverts) with short music segments; loud! [Connelly*rw-MA]
 1008 **CANARY ISLANDS** Punto Radio, Las Palmas, NOV 8 2151 - Punto Radio ID and fast Spanish talk; to good peak over WINS slop. [Connelly*B-MA]
 1008 **NETHERLANDS** R. 10 Gold, Flevoland, NOV 8 0032 - "You're So Vain" by Carly Simon; initially atop, then covered by Punto Radio, Canaries. [Connelly*rw-MA]
 1017 **GERMANY** SWR Cont. R., Wolfsheim, NOV 8 0029 - German talk mentioning Slovakia. [Connelly*rw-MA]
 1026 **SPAIN** SER synchros, NOV 8 0022 - // 1116 with woman in Spanish; poor. [Connelly*rw-MA]
 1035 **PORTUGAL** R. Clube Portugues, Lisboa, NOV 7 2254 - Dr. Hook song "When You're in Love With a Beautiful Woman", jingle, then Portuguese talk, dance music; huge signal, easy with WBZ phased. [Connelly*rw-MA]
 1044 **MOROCCO** Sebbaa-Aioun, NOV 4 2311 - Arabic shouting (political speech or preaching); over Spain. [Connelly*B-MA]

- 1044 **SPAIN** SER synchros, NOV 8 0019 - // 1116 with woman in Spanish; over low growl. [Connelly*rw-MA]
- 1053 **UNITED KINGDOM** TalkSport synchros, NOV 8 2132 - adverts with phone numbers; fair over others. [Connelly*B-MA]
- 1062 **DENMARK** Danmarks R., Kalundborg, NOV 8 2130 - rock song (Steve Winwood or similar); good.
+ NOV 8 2152 - woman in Danish; good. More slop from CBA-1070 than from WBIX-1060. [Connelly*B-MA]
- 1062 **ITALY** RAI R. Uno synchros, NOV 7 2257 - Italian talk; fair. [Connelly*rw-MA]
- 1071 **SPAIN** Euskadi Irratia, Bilbao, NOV 7 2318 - // 1197 with Spanish talk by woman; through CBA slop. [Connelly*rw-MA]
- 1080 **SPAIN** SER synchros, NOV 8 0018 - // 1116 with woman hosting Spanish teletalk show; about even with phased WTIC and a bit over YVQJ. [Connelly*rw-MA]
- 1089 **UNITED KINGDOM** TalkSport synchros, NOV 7 2259 - advert for CD's, clip of "Sultans of Swing" by Dire Straits; good. [Connelly*rw-MA]
- 1098 **SPAIN** RNE R.5 synchros, NOV 7 2300 - pips, very echoey Spanish news. [Connelly*rw-MA]
- 1107 **SPAIN** RNE R.5 synchros, NOV 7 2303 - // 1098 with fast-talk news by man & woman in Spanish; fair. [Connelly*rw-MA]
- 1116 **SPAIN** SER synchros, NOV 7 2306 - Spanish teletalk; good. [Connelly*rw-MA]
- 1134 **CROATIA** Glas Hrvatske, Zadar, NOV 6 2239 - Croatian talk by man; very good.
+ NOV 8 2153 - Le Mystere des Voix Bulgares or similar female folk group vocal; very good over Spain. [Connelly*B-MA]
+ NOV 8 0016 - Slavic talk; dominant. [Connelly*rw-MA]
- 1134 **SPAIN** COPE synchros, NOV 7 2308 - Spanish talk slightly delayed from // 999; over Croatia. [Connelly*rw-MA]
- 1143 **SPAIN** COPE synchros, NOV 7 2309 - // 999 with two men in Spanish; fair. [Connelly*rw-MA]
- 1152 **SPAIN** RNE R.5 synchros, NOV 7 2310 - // 774 with "When a Man Loves a Woman" by Percy Sledge; good. [Connelly*rw-MA]
- 1161 **SPAIN** Euskadi Irratia, San Sebastian, NOV 7 2312 - bits of Spanish talk and a second station; in tough WSKW slop. [Connelly*rw-MA]
- 1179 **CANARY ISLANDS // SPAIN** SER synchros, NOV 7 2313 - // 1116 with fast Spanish talk; over others. [Connelly*rw-MA]
- 1197 **SPAIN** Euskadi Irratia, Vitoria, NOV 7 2318 - // 1071 with woman in Spanish; occasionally over jumble. [Connelly*rw-MA]
- 1206 **FRANCE** France Info, Bordeaux, NOV 6 0255 - "Sounds of Silence" by Simon & Garfunkel, then French vocal; good. [Connelly*B-MA]
+ NOV 7 2244 - // 945 with interview; excellent. [Connelly*rw-MA]
- 1214.83 **ALBANIA** Filake, NOV 8 2218 - choral music; poor. Needed 1.8 kHz BW, LSB to separate audio from UK/Spain-1215. [Connelly*B-MA]
- 1215 **SPAIN** COPE synchros, NOV 6 0256 - echoey Spanish talk; over UK. [Connelly*B-MA]
- 1215 **UNITED KINGDOM** Virgin R. synchros, NOV 8 2128 - Virgin Radio mention, advert with boy talking to girl on the telephone, then a Police song; good, over Spain. [Connelly*B-MA]
- 1224 **SPAIN** COPE synchros, NOV 8 2126 - echoey Spanish teletalk; fair. [Connelly*B-MA]
- 1242 **FRANCE** France Info, Marseille, NOV 7 2328 - // 1206 with mellow dance music, then woman in French; slightly over WBUR slop. [Connelly*rw-MA]
- 1251 **LIBYA** Libyan Jamahiriya, Tripoli, NOV 6 2127 - Arabic vocal; getting through IBOC rubbish from WMKI-1260. [Connelly*B-MA]
- 1287 **SPAIN** SER synchros, NOV 7 2329 - SER mention, man in Spanish; fair. [Connelly*rw-MA]
- 1296 **SPAIN** COPE, Valencia, NOV 6 0541 - fast Spanish talk by man; fair. [Connelly*B-MA]
- 1314 **NORWAY** NRK, Kvitsoy, NOV 7 2330 - Norwegian talk; evenly mixed with Spain, in CKEC slop. [Connelly*rw-MA]
- 1314 **SPAIN** RNE R.5 synchros, NOV 7 2330 - Spanish talk; over/under Norway. [Connelly*rw-MA]
- 1341 **CANARY ISLANDS // SPAIN** SER synchros, NOV 8 0013 - bits of Spanish talk; poor. [Connelly*rw-MA]
- 1341 **NORTHERN IRELAND** BBC R. Ulster, Lisnagarvey, NOV 8 2124 - sports-related talk; good. [Connelly*B-MA]
- 1359 **SPAIN** RNE, Arganda del Rey, NOV 6 0542 - Spanish talk, screamer het against WLYN. [Connelly*B-MA]
+ NOV 7 2331 - // 774 with telephone interview; excellent. [Connelly*rw-MA]
- 1377 **FRANCE** France Info, Lille, NOV 5 2007 - woman in French; good.
+ NOV 8 2156 - man & woman in French; excellent, one of the loudest TA's. [Connelly*B-MA]
+ NOV 7 2332 - // 1206 with man in French; fair to good over WMYF slop. [Connelly*rw-MA]
- 1394.82 **ALBANIA** Filake, NOV 5 2009 - religious-sounding classical music, chorus; excellent!
+ NOV 6 2131 - Slavic-sounding female talk and lush instrumental music; to good peak.
+ NOV 8 2050 - chanting; good. [Connelly*B-MA]
- 1404 **FRANCE** France Info synchros, NOV 7 2333 - // 1206 w/ French talk. [Connelly*rw-MA]
- 1413 **SPAIN** RNE R.5 synchros, NOV 7 2334 - // 774 with teletalk; poor to fair. [Connelly*rw-MA]
- 1422 **ALGERIA** Algiers, NOV 8 2158 - pop dance music, man in French; good signal after WXKS-1430 shut its IBOC off. [Connelly*B-MA]
- 1422 **GERMANY** Deutschlandfunk, Heusweiler, NOV 6 0543 - operatic vocal, classical instrumentation; excellent. [Connelly*B-MA]
- 1431 **DJIBOUTI** R. Sawa, Arta, NOV 8 2200 - Arabic talk; in WXKS slop. [Connelly*B-MA]
- 1449 **LIBYA** V. of Greater Arab Homeland, Misurata, NOV 8 2201 - telco-quality Arabic newstalk; fair through WNB/CFAB/WRKD-1450 slop blob. [Connelly*B-MA]
- 1467 **FRANCE** TWR, Roumoules, NOV 4 2315 - TWR interval signal.
+ NOV 6 2135 - woman in Arabic; fair to good.
+ NOV 8 2203 - Arabic discussion with man & woman; good, easily getting by local WAZN. [Connelly*B-MA]
- 1485 **SPAIN** SER synchros, NOV 6 2136 - audio clip of public address, then Spanish teletalk about it.
+ NOV 8 2206 - Spanish newstalk; surprisingly loud. [Connelly*B-MA]
- 1503 **SPAIN** RNE R.5 synchros, NOV 7 2339 - woman in Spanish; fair. [Connelly*rw-MA]
- 1512 **BELGIUM** R. Vlaanderen International, Wolvertem, NOV 8 2208 - Dutch-sounding talk in brutal WWZN slop. [Connelly*B-MA]
- 1521 **SAUDI ARABIA** BSKSA, Duba, NOV 5 1950 - // 9555, 9870 with energetic modern Arabic group vocal, drums, guitars, and violins; good pre-sunset reception.
+ NOV 6 2137 - man in Arabic, then pop-style Middle Eastern music; good.
+ NOV 8 2052 - Arabic talk about Saudi Arabia and several African countries; excellent. [Connelly*B-MA]
- 1521 **SPAIN** SER, Castellon, NOV 8 0004 - // 1539 with Spanish news; fair with WWKB phased. [Connelly*rw-MA]
- 1539 **GERMANY** Evangeliums Rundfunk, Mainflingen, NOV 6 0545 - German female religious vocal; in WDCD slop. [Connelly*B-MA]
- 1539 **SPAIN** SER synchros, NOV 8 0005 - // 1521 with Spanish news; poor to fair through WDCD slop. [Connelly*rw-MA]
- 1548 **KUWAIT** R. Sawa, Kabd - Kuwait City, NOV 8 0006 - Arabic music, Sawa ID; initially mixed with 2 others, then atop. [Connelly*rw-MA]
+ NOV 8 2211 - woman in Arabic with Sawa mention; excellent. Somewhat less RASD-1550 QRM than noted at the shore in Rowley. [Connelly*B-MA]
- 1550 **ALGERIA** RASD Clandestine, Tindouf, NOV 7 2342 - North African music (similar to Berber stuff 1044 often plays); good, way over CBE/WDZK. [Connelly*rw-MA]
+ NOV 8 2212 - Arabic talk by man, synthesizer music segments; a lot weaker than at Rowley, but still dominating the channel. [Connelly*B-MA]
- 1557 **FRANCE** France Info, Fontbonne, NOV 6 0546 - man in French with interspersed music. [Connelly*B-MA]
+ NOV 7 2357 - // 1206 with man & woman in French; good with WQEW phased. [Connelly*rw-MA]
- 1575 **UNITED ARAB EMIRATES** R. Farda, NOV 8 0007 - Middle Eastern music; over jumble of others. [Connelly*rw-MA]
+ NOV 8 2213 - Mideast disco; fair. [Connelly*B-MA]
- 1584 **CEUTA** RadiOle, NOV 6 2143 - folk vocal and guitar, then man in Spanish; over SER. [Connelly*B-MA]
+ NOV 7 2350 - Moorish-style Spanish vocal and guitar; local-like! [Connelly*rw-MA]
- 1602 **SPAIN** R. Vitoria, Vitoria, NOV 7 2351 - man in Spanish; over SER and WUNR slop. [Connelly*rw-MA]
- *** **PAN-AMERICAN DX** ***
- 535 **GRENADA** GBC, St. George's, NOV 8 0101 - from-the-scene news correspondent; good signal but distorted audio. [Connelly*rw-MA]
- 555 **ST. KITTS & NEVIS** R. ZIZ, Basseterre, NOV 8 0103 - man with Caribbean accent talking about the value of education; good. [Connelly*rw-MA]
- 895 **ST. KITTS & NEVIS** V. of Nevis, Bath Village, NOV 7 2238 - soca male vocal and band; good. [Connelly*rw-MA]
- 1000 **BRAZIL** R. Record, ZYK522, Sao Paulo, NOV 6 0538 - Portuguese talk; mixing with probable Colombia. Best with notch and USB 1.8 kHz BW engaged to dodge stronger Spain-999. [Connelly*B-MA]
- 1110 **VENEZUELA** R. Carupano, YVQT, Carupano, NOV 7 2305 - political slogans and talk mentioning "el Presidente Chavez" & "frente de trabajo"; loud, over WBT. [Connelly*rw-MA]
- 1180 **CUBA** R. Rebelde, Villa Maria, NOV 7 2316 - // 5025 with outdoor political rally; dominant. [Connelly*rw-MA]
- 1500 **VENEZUELA** R. Dos Mil, YVRZ, Cumana, NOV 7 2336 - excited talk, Dos Mil mention; noted through phased WTOP. [Connelly*rw-MA]
- 1500.26 **unID** NOV 7 2337 - het growl against WTOP/YVRZ. [Connelly*rw-MA]
- 1610 **unID** NOV 7 2353 - 1 kHz test tone possibly of domestic origin. [Connelly*rw-MA]
- *** **CONTRIBUTOR** ***
- Mark Connelly** MarkWA1ION@aol.com
[Connelly*B-MA] = Billerica, MA (home).
(GC= 71.221 W / 42.533 N) (equal to 42 deg. 32 min N, 71 deg. 13 min. W)
Receiver: Drake R8A. **Antenna system:** dual-feedline Flag: 5m x 10.6m to DX Engineering RPA-1 amplifier.

[Connelly*rw-MA] = Rowley, MA, USA (salt-marsh: Stackyard Rd - Nelson Is. Parker River NWR)
(GC= 42.744 N / 70.830 W) (equal to 42 deg. 45 min N, 70 deg. 50 min. W)
Receiver: Drake R8A. **Antenna system:** 3 m vertical whip to 81:1 transformer to RPA-1 amp;
60 m east-aimed horiz. wire to 9:1 transformer to RPA-1 amp; DXP-6 phasing unit

That's all for this week. 73, Brandon.

DX FORUM

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DEADLINES: Sundays

Deadlines: Sundays

Doug Pifer, 3410 Marion St. SE, Albany, Oregon 97322

Yesterday, 10/23, I netted my first TA ever in about 30 years of DXing. It was the "Voice of Russia" on 1323 khz, transmitted from Germany. This evening, I managed to hear Norway on 1314 khz, which was also a surprise. It was almost arm-chair level at times. Well, the main point of my forum is that I wanted to thank Dennis Vroom, Walt Salmani and others for their posts on the IRCA group list. Although I didn't hear the TA's as good as they did, comparing the program content confirmed that what I heard was the same. Their information saved me from the incredible headache of looking up everything from scratch after the catch. I wouldn't have known where to begin. To top off my list, tonight I also heard 650 KENI from Alaska, my first one from there. Credit goes to Mike Hawkins and Patrick Martin for sticking with me on this one. Very exciting. These tips are the perfect usage for the group list. Yesterday, Walt said that this was a special night... and indeed it was. The same goes for tonight! 73- Doug Pifer

Richard Evans, 7416 Hearthstone Way, Indianapolis, Indiana 476227-7923

It's getting to be fun again listening to AM radio. Seems like the interest drops during the spring and summer but picks up again in the fall. I was wondering if I would go over the 600 heard mark by the end of the year but I managed the trick on 11/11 and now am up to 605 as I type this on 11/13. Seems like just yesterday that I hit the 500 mark but it was on 12/18/04. In 2004, I heard 335 new ones, jumping from 177 to 512 which made it all the harder to keep hearing the new ones this year. It was the winter of 1969-1970 in Gary when I went from 637 to 1000 in about six months but those were the days of frequency checks, proof of performance tests after midnight, and probably half the stations in the country signing off at sunset making SSS loads of fun at time. I well remember hearing the daytimer on 1550 in Salt Lake City signing off leaving as the only possibility the daytimer out in Nevada but not being able to hear the ID because skip ended about five minutes too early and CBE-1550 in Windsor, Ontario roaring in unwanted. Such is life, and I think DXing is as much the memories as anything, just as fishing is the lore of the big one getting away on a broken fish line. When will I hit the 700 mark? Stay tuned for another year, hi. The past week, I have been hearing EE on 890 under a looped WLS but not able to pull an ID out of it. However, it has been good in a way since it has put me in a spot to be working 900 and 910 plus 930 and 940 have yielded two more. That's it for this week. I will be working two extra days Thanksgiving week plus a final exam (dealing with taxes) on 11/28. Have a good holiday. 73.

IRCA TECHNICAL COLUMN

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Drake R8B Control, Logging, and Recording Utility for Windows

By Jim Nail www.n4fxc.com

I've been invited me to write an overview of a computer application that I have developed over a period of time that enables logging of radio station receptions on any band, control of the Drake R8B communications receiver and a quite versatile recording utility.

My profession is computer programming specializing in Visual Basic and database applications. My background in radio goes back much farther to the days of analog receivers and recording equipment. Combined, these two interests made creation of my utility application desirable and possible.

After some thought, I have concluded that the best way to go about writing this overview is to describe each component of the application separately. These are R8B Control, Logging and Recording, which all work together.

Drake R8B Control

Like a number of other modern communications receivers and transceivers, the Drake R8B can be controlled by a computer. This is accomplished by running a serial cable from the serial port on the rear of the R8B to a serial port of a computer, and running a suitable program on the computer. One component of my application is devoted to control the following settings of the R8B:

- Power: off/on
- Frequency
- Mode: am, fm, cw, lsb, usb, fm, am-sync
- Selectivity
- Notch: off/on
- Noise blanker: off/narrow/wide
- Frequency step: 9 Khz/10 Khz
- Gain: attenuator off/on, preamp off/on, both off
- Time/Freq display
- Set Local Time
- Set UTC Time
- Read Back Signal Strength

On this form (see the screenshot in Figure 1), there are buttons that show all medium wave channels used in North America, all 9 KHz split frequencies for long and medium wave, standard time station frequencies, long-wave beacon frequencies, amateur bands, short wave broadcast bands and more. By clicking a button the R8B will be sent to an individual frequency instantly. This makes moving around the spectrum without having to refer to external reference material quite easy. Of course, a frequency may be directly entered into a text box on the form and the R8B will go to that frequency.

Though the Drake may be controlled from the PC in this manner, the controls on the actual front of the receiver still respond to manual commands. It is interesting to turn the tuning knob on the R8B and watch the frequency readout in the computer application change accordingly.



Figure 1 -- R8B Control component form

Logging

For years, I kept paper logs, so one of my objectives was to create a computer application that automated entry of stations into a computer database. Unfortunately, I had to enter existing paper loggings into the application first, as I wanted my historical loggings to be tied to digital recordings that I had made. Once I completed that task, I interfaced the application with my Drake R8B enabling me to utilize data that the R8B sends my application upon request. My application takes care of the rest, utilizing instruction codes provided in the R8B manual. If the R8B is powered up and I attempt to create a new log entry, information received from the R8B is automatically supplied for the log entry: frequency and mode. Additionally, I get the date and time from the computer's clock.

An added bonus is a database I use containing all AM stations in the United States and Canada, derived from Lee Freshwater's database posted on the Web. As I change the R8B's current frequency (within the long and medium wave bands), a grid on the log form (see Figure 2) automatically loads, displaying all the stations on that frequency. For example, if I command the R8B to go to 1600 Khz, the grid is loaded with all stations on 1600 Khz helping me to determine what I am listening to and where it is located. By clicking a row in that grid, that row's data is automatically entered into the log entry form: call, city, state and country. Imagine having a Vane Jones or other log and having the page automatically turned to the frequency you are listening to and being able to transfer a row in the log directly into your logbook.

The actual log database is displayed in grid format, and there are filters that allow me to find a particular log entry, or group of log entries quickly. If I recorded a sound file for a particular log entry, I am able to play that recording instantly using a command button on the log form. If I scan a QSL for a log entry, I am able to display it in a separate form by clicking a button.

There are many more features I could describe, but these are some of the important ones.

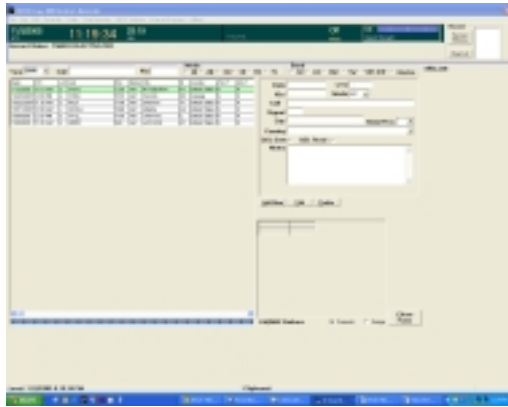


Figure 2 -- R8B Logging component form

Recording

This component was probably the most challenging to design and implement. Without the High Criteria's Total Recorder utility that many of you are already using, I'd have had a much more difficult time. Fortunately for me, Total Recorder may be run with command line parameters. For example, outside this application, you may start Total Recorder and tell it to start recording, how long to record and the name of the file to be created and saved. Refer to Total Recorder help for more information.

Suffice to say that in order to use this component of my application, you must have a sound card and Total Recorder must be purchased and successfully installed. The R8B's line out jack must be correctly connected by cable to your sound card.

I designed this form with ease of use in mind and think of recordings in terms of 'sessions'. A session takes place at some time in the future and may be on any frequency the R8B is capable of receiving. A session may last from 1 minute to a maximum of 90 minutes. I chose to make the maximum 90 minutes. The recording component behaves very much like a VCR connected to a television in terms of scheduling sessions.

For example, one might create the following session: "Begin recording at 12:55 am local time on 1470 KHz. Turn the preamplifier on, set the noise blanker to narrow, set selectivity to 2.5 KHz and stop recording at 1:05 am."

Using the session entry form in my application, I enter and save these parameters. I click a button on the form to activate a timer that constantly checks to see if it is time to begin a recording session. I choose to turn the computer display off and walk away from the computer.



Figure 3 -- R8B Recording component form

A few milliseconds before 12:55 am, the application determines that it is time to start the recording session I created earlier in the evening. The application automatically turns the R8B on. Any controls on the R8B that need to be set for the session are set. Total Recorder is automatically started and sent the parameters it needs to create a new wav file. Total Recorder runs undetectably and does its job. When it is time to end the session, my recording application does 'clean up', including turning the R8B off. My application keeps running and constantly checks to see if any recording sessions need to be started. Earlier, while initially created the session that just ended. I could have indicated that I wanted the receiver to stay on instead of being turned off.

I could have created many sessions for this particular morning. The only rule is that session times can't overlap. Sessions may be created that will run 1 hour, 1 day, 1 week or even 1 month in advance. The computer application must be running when a session is scheduled to begin. Again, it helps to think about how a VCR can be pre-programmed.

There is yet another variation with respect to how sessions may be created by specifying a session start time, session end time, session time length, time between sessions and up to five different frequencies. For example, I may create a session instructing the application to do the following:

- Turn the R8B on at 12:55 am, go to 1450 KHz, and stop the session at 1:00 am.
- Turn the R8B on at 1:05 am, go to 1460 KHz, and stop the session at 1:10 am.
- Turn the R8B on at 1:15 am, go to 1470 KHz, and stop the session at 1:20 am.

This cycle may be automatically repeated beginning at 1:20 am on 1450 KHz any number of times. This is accomplished by specifying session length, time between sessions and specification of up to five different frequencies.

There are other features not mentioned that go beyond the scope of an overview, so I will stop here.

In Conclusion

This application only works for the Drake R8B, since that is my current receiver; I cannot say whether it will work for any other version of the receiver. **The Logging and Recording sections can work with no receiver connected, however, primarily for reviewing data and sound that has already been saved.**

There are refinements that I can think of that would make the application even more useful but I plan to leave it as is for now. I'd rather be DX'ing. I am happy to answer any questions. This application is the result of a lot of trial and error on my part and my time investment has been great. I use the application whenever I DX which has helped me discover problems and implement fixes.

I am undecided as to how to share this application. At this time, I would appreciate having an active club member owning an R8B use this application in order to help me find hidden bugs, offer suggestions for future improvement and for evaluation purposes.

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



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