

March 16, 1996 - Volume 33 - Number 26 - Edition 1085 - ISSN 899 - 9733

***** HAPPY BIRTHDAY TO IRCA HAPPY BIRTHDAY IRCA *****

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NEW MEMBERS: Thomas Wood of Hamilton OH, Russ Cain of Reno NV, Richard Zimmerman of Provo UT, W E Britton of Saint Helens OR. **RENEWALS:** Gregory Henson of Reston VA, David Reitz of Louisville KY, Ron Musco of Poquonock CT, Chris Clementson of West Hollywood CA and Daniel Hromadka of Waco TX. A big welcome to Thomas, Russ, Richard and W E.

1995-96 IRCA TED VASILOPOULOS and RIC HEALD AWARDS
Nomination Deadlines

A 'call for nominations' for the Ted Vasilopoulos Award (TVA) for 1995-96 was made in the Feb 10 issue of DX Monitor. The history and purpose of this award was described and the list of ineligible, previous winners were listed. All nominations, including a brief description of why that person should receive the TVA, are to be sent to last year's recipient, Lynn Hollerman. The TVA Nomination Committee, composed of the last three TVA winners and chaired by the most recent winner, will review all nominations and forward their recommendations to the Election Committee Chair for placement on the full membership ballot. The TVA Nominations Committee members are Lynn Hollerman, Nancy Johnson (ne Hardy) and J.D. Stephens.

The process for nomination and selection of the 1995-96 Ric Heald Award (RHA) has not yet been addressed. Last year - the first year of this award - there was no nomination process and the membership at large made a direct selection (J.D. Stephens) via a write-in. For this year, President Phil Bytheway has arranged for Lynn Hollerman to handle both the TVA and RHA nominations. This award recognizes the IRCA member who most benefited the club in a particular and noteworthy way during the previous year. All members in good standing, other than the most recent three winners, are eligible. All nominations must include a brief description of why that person should receive the RHA. Lynn will review all nominations and forward her recommendations to the Election Committee Chair for placement on the full membership ballot.

In order to proceed with this process in a timely manner (Phil wants to announce the results at the annual convention in July), all nominations for both the TVA and RHA be sent to Lynn Hollerman by April 13, 1996. Lynn will have one week to review the nominations and forward the recommendations to me in time to include a ballot in the May 18 issue of DX Monitor. If we all do our best to adhere to this schedule, we just might finish this by the convention. Your cooperation and assistance will be appreciated.

Lynn Hollerman's address: 514 Carrsbrook Rd, Huntsville AL 35803

Reid C. Wheeler, Election Committee Chairman

BROADCASTING INFORMATION



Editor:
Robert Wien
1309 Dentwood Drive
San Jose, CA 95118

DEADLINES: 2nd & 4th Saturdays.

Compiled: 03/07/96

Much of this information was compiled from M Street Journal, DXM, and various other sources.

CONSTRUCTION PERMIT ACTIVITY:

IA. Independence KQMG-1220 dec. to 134-N

FACILITY & PARAMETER APPLICATIONS:

SC. Myrtle Beach WKZQ-1520 moves to 1450 khz., 1000/1000

CALL LETTER CHANGES:

CO. Gunnison ✓ KAON-1490 becomes KPKE "Peak"
IN. Madison ✓ WORX-1270 becomes WXGO
MS. Canton WONG-1150 requests WILY
NC. Greensboro WWWW-1320 requests WTCK "Ticket"
SC. Easley ✓ WLWZ-1360 becomes WRAH "Radio Aahs"
TX. Diboll ✓ KAFX-1260 becomes KSML
WA. Yakima KZTA-930 requests KJOX "Jocks"

FORMAT CHANGES:

AZ. Tucson KKNB-1490 was new rock, to be 1 on 1 sports (March)
AR. Prescott KTPA-1370 was country//FM, now Reach s. gospel
Walnut Ridge KRLW-1320 was JSN country //FM, now JSN oldies//FM
CA. San Bernadino KCKC-1350 was nx/talk/sports, adds CNN Headline nx
CT. West Hartford WCCC-1290 was rock//FM, now 1 on 1 sports "Score"
KY. Eminence WKXF-1600 was s. gospel, now bluegrass
MS. Canton WILY-1150 was WONG, silent, now SMN urban Ac
NE. Omaha KEZO-1490 was sports, adds 1 on 1 sports
NC. Greensboro WWWW-1320 was all nx, now 1 on 1 sports "Ticket"
(to be WTCK in March)
Valdese WSVM-1490 was country, adds PRN talk
TX. Laredo KJAR-1300 was nx, talk, now SS religion
San Antonio KTKR-760 was sports, adds 1 on 1 sports
VA. Highland Springs WCLM-1450 was silent, now SMN urban gold
WA. Yakima KJOX-930 was KZTA, regional Mexican, now Prime,
1 on 1 sports
WI. Menomonie WMEQ-880 was country, adds Dr. Laura

Ye editor passes on the following information:

NV. Reno KHIT-630 now these calls ex-KNRC
Sun Valley KIRS-1590 now o the air, ex-KHIT, ex-
silent w/Bloomsburg info
network nx, night power unknown

Shawn Axelrod of Winnipeg, MB. passes on the following info:

BC. Vancouver CKST-1040 applies to move to FM
ON. Simcoe CHNR-1600 requests to move to FM
ON. Timmins CKOY-620 granted FM translator
MB. Winnipeg CKRC-630 moves to FM during mid-1996, but
will stay on 630 at least "3 months"

BC. Nelson CKKC-880 granted FM rebroadcaster
 AB. Whitecourt CFYR-1400 moves to FM
 PQ. Plessisville CKTL-1420 moves to FM
 Lab Labrador CBDQ-1490 moves to FM
 PQ. Ste Anne Des Mts CJMC-1490 moves to FM

Gary Jackson of Sacramento, CA passes on the following info:

CA. Anaheim TIS-1700 address for this is:
 KPD694
 Highway Advisory Radio, c/o
 Nathaniel S. Behura
 Associate Traffic Engineer
 P.O. Box 3222, Anaheim, CA 92803

Eric Cooper of Mission Viejo, CA. passes on the following info:

CA. Los Angeles KYPA-1230 now this ex-KGFJ, sim. w/KXPA-1240
 Pasadena and KWPA-1220 Pomona w/
 "Your Personal Achievement" (motiv-
 ational programming)

A rather short column this time, but this column is just bridging a gap to a huge column next time. The FCC when considering applications is no longer apparently giving out the power in watts of the applicant, so this column will not show the power unless it is a grant. Hopefully, this won't last long this way... 73's.



DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

E MAIL: rrusk@pacifier.com

DEADLINE: TUESDAYS

Great DX reported this week again, including a report from Albert Lehr, Livermore CA, BRAZIL on 720 KHZ!!! Stephen Jarvis on his yearly trip to Hawaii, and reports from Larry Godwin and Dale Park. In DX related info this week: There is an UNID station operating on 1639.9 KHZ which I think is a Domestic. This was first reported by Larry Godwin in Missoula, MT. It is also heard here quite well. The station IDs as 1640 AM and 106.7 FM and runs anything from AC to EZ listening with Alaskan Times. The bearing here is Easterly, so I doubt it is coming from Alaska. Larry Godwin reports a loop bearing of ESE/WNW. So far it has been reported in Hawaii. Anyone else hear it? It runs off and on from near LSS to 3:00 AM local time. A male anchor sounds in his 40s or 50s with talk of U.S. and World Affairs of all types. The reason I mention it here is because of the AK tcs. But again I doubt if from AK.

PAN-AMERICAN DX ROUNDUP

- 710 tCUBA, believed the dominant SS at 0400 2/25. Thought I heard ID for Radio Progreso (LBG-MT)
- 720 ***BRAZIL, Porto Alegre, Radio Guaiba o/u partially nulled WGN at 0838 2/26. Lots of fades and splash from 710. Mostly talk in PP by man with a few brief musical interludes. WGN was on top at 0900 but Brazil came back with clear mentions of "Guaiba" at 0904 and 0905. The Newfoundland DXpedition booklet was very helpful in IDing this one. The only other Brazilian I've heard was Radio Globo-1180 back in 1972. (AL-CA) (Great catch, Albert! Report when you can. PH)

800 NETHERLANDS ANTILLES, Bonaire, PJB strong on this loop bearing 2/25
0355 after light Jazz. Woman said in SS "Transmite Radio Trans-
Mundial." (LBG-MT)

TRANS-PACIFIC DX ROUNDUP

- 189 RUSSIA, Belogorsk 2/26 at 1136 pop mx then bluesy song in EE, RR
DJ. Signal weak and fading (SJ-HI)
- 243 RUSSIA, Razdolnoye 2/26 1153 //189 (SJ-HI)
- 270 RUSSIA, Khabarovsk 2/26 1126 mix of Classical mx to modern, inc.
"Come Together" w/woman DJ in RR. Medium to strong (SJ-HI)
- 279 RUSSIA, Yuzhno-Sak. 2/27 0929 RR folk mx program w/concert by
woman artist. RR woman host, time pips on the hr and possibly ID
after pips followed by news, //270 and 180, signal fairly strong
on all 3 freqs. (SJ-HI)
- 531 NEW ZEALAND, Auckland, PI radio (Pacific Islands) good signal w/
ancr in presumed Samoa at 0937 3/2 (PM-OR)
- 612 AUSTRALIA, Brisbane-4QR 2/26 0939 Aussie interview of candidate
then pop mx and ABC spot and 0949, news on hour, mixing w/another
station. (SJ-HI)
- tGUAM, Agana KUAM 2/26 0939 mixing w/4QR rr mx, American sounding
DJ but could not understand him u/4QR. Assumed this might be
KUAM-Guam. (SJ-HI)
- 657 UNID, 2/27 at 1047 possibly N. Korea asian pop vocals did not sound
JJ. Voice overs by woman ancr, KHNR-650 slop made this hard to make
out (SJ-HI) (Pop vocals doesn't sound like N. Korea. PM)
- 702 JAPAN, Sychros JOFD/JOKD 2/26 at 1007 JJ EZL mx w/JJ lyrics hard
to hear, mx fairly clear. (SJ-HI)
- 711 SOUTH KOREA, KBS1, HLKA Sorae, man w/ rapid KK talk, perhaps
Jammed, //3930 SW, poor w/KIRO QRM at 1213 2/26 (5P-HI)
- 729 JAPAN, Nagoya, JOCK 2/24 JJ talk 1123 weak signal (SJ-HI)
- 738 AUSTRALIA, Grafton, 2NR 2/24 1103 ABC nx then mx program 1109
fair signal w/co channel interference (SJ-HI)
- TAHITI, Papeete, FRO 2/24 1103 FF talk u/2NR weak (SJ-HI)
- 747 JAPAN, Sapporo, JOIB 2/26 1042 JJ talk booming in w/strong sig.(SJ-HI)
- 783 UNID, strong 2/22 1259-1302. Man and woman had animated discussion
without break on the hr. No IS etc. Does this format suggest
Russia? (LBG-MT) (Possibly, no idea on language? PM)
- 792 AUSTRALIA, Brisbane 4RN 2/24 1132 Aussie folk mx and interview
program medium to weak signal, ABC nx on hour (SJ-HI)
- 882 AUSTRALIA, Brisbane, 4BH, ad string, slogan "...come home to the
easy listening sounds of Brisbane's 882,4BH." Fair QRM KRVN-880
and UNID co channel at 1247 2/24 (5P-HI)
- 1008 UNID, maybe JONR moderately strong 1400 2/22. Male rock vocal then
jingle but no IS, then man spoke seemed JJ. (LBG-MT) (Yes, this
sounds like JONR. PM)
- 1134 SOUTH KOREA, Radio Liberty KBS Hwasung. Discussion of the Tok-do/
Takeshima Island land dispute between S. Korea and Japan by male
host. ID "...kyokuk je-il bangsong" and light pops, //972 and maybe
6015 SW. Fair to poor o/u JOQR and UNID station 1515 2/21 (5P-HI)
- 1188 UNID, on 2/27 1012 rel program w/fair signal mixing occ w/very weak
JOKP, signal faded often. Dr. Dobsons program started at 1030
UTC. (SJ-HI) (You had HLKX-South Korea. They are rel, as 1566 is,
but diff. programs. It is hrd here occasionally. PM)
- 1242 AUSTRALIA 2/26 1108 weak Aussie accented DJ w/mx by Carpenters. It
was hard to hear. (SJ-HI) (4AK?. Has been hrd here.PM)
- JAPAN, Tokyo, JOLF, 2/27 0900 clear and sharp w/time pips on the hr.
then JJ talk w/jingles and talk, male DJs, occ deep fades (SJ-HI)
- 1323 UNID, weak Russian type talk at 1430 3/1. (PM-OR)
- 1540 HAWAII, Honolulu, KISA Noted off the air since 2/9. Finally got in
tough on 2/23 w/owner/GM Rick Manayan who said he sold the station
to new owners, and KISA would return under new management in mid-
March. KISA's schedule was 1400 to 1000 UTC. KISA was the first
station to go full-service Filipino back in the late 70s. Any recep-
tion reports should go to him at 904 Kohou Street, Suite 203,
Honolulu 96817. (5P-HI) (Thx for the info Dale. PM)
- 1548 AUSTRALIA, Emerald 4QD 2/24 1047 Aussie accented talk program and
strong signals (SJ-HI)

- 1557 MARSHALL ISLANDS, Majuro B7RR 2/24 1038 pop mx and local ads,
weak signal (SJ-HI)
1593 JAPAN, Niigata? JOQB 2/24 1001 EE and JJ talk, prob. lang. lessons
then programID as EE service of Radio Japan, clear w/QSB (SJ-HI)

THANKS TO THESE REPORTERS

- LBG-MT LARRY B. GODWIN, 2390 CLYDES DALE LANE, MISSOULA MT 59801
Hammarlund HQ-150, KIWA loop, Sanserino air core box loop
SJ-HI STEPHEN JARVIS, 133 PARK #4, LONG BEACH CA 90803
DXing with a Sony 2010 on the beach Waianae, Oahu, Hawaii
AL-CA ALBERT LEHR, 1979 DE VACA WAY, LIVERMORE CA 94550-5609
Allied A-2515, homebrew binaural synchro detector, 4' spiral loop
5P-HI DALE PARK, POST OFFICE BOX 22778, HONOLULU HI 96823
Sangean 803A, Selec-A-Tenna
PM-OR YOUR EDITOR
Drake R8, term. "U" antenna (phased verticles), 900' NNW beverage



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Dear Friends,

The National Radio Club is proud to announce the publication of the long awaited Night Pattern Book 4th Edition. This newest edition was computer produced and contains 208 pages of maps and indexes for stations in the U.S., Canada and Mexico. Each frequency has its own map and index except the Class IV local channels 1230, 1240, 1340, 1400, 1450 and 1490. The six directional Canadian stations are shown on their own map.

The book is laid out in a landscape (11 inch wide by 8½ inch high) format on three hole punch paper. The book has a list price of US \$22.95 post paid in the US and Canada. The following overseas prices are Air Mail post paid to these areas. Latin America and Caribbean US\$21.00, Europe US\$24.00 and all others US\$28.00. Please make checks payable to The National Radio Club and NY residents please add State and local sales tax.

Orders may be sent to:

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P.O. Box 164
Mannsville, NY 13661-0164

We appreciate your past announcements of our products and would like to take this opportunity to remind you that your announcements of interest to NRC'ers are always welcome. Thanks for your assistance with the announcement of the NRC Night Pattern Book.

DX WORLDWIDE EAST

Report from: Mark Connelly - WAIION

=====
(Connelly-MA) = Billerica, MA <home> (GC = 71.22 W / 42.54 N)
Receiver used: Drake RBA
Antenna systems: two 37 m slopers (east, west) to DL-2
phasing unit with 50 m horizontal loop as
floating ground for noise reduction via
transformers; MWT-3 regenerative preselector
=====

=====
(Connelly*P-MA) = Plymouth, MA
<Robbins Road: field near beach> (GC = 70.68 W / 41.98 N)
Receiver used: Sony ICF-2010 (w/ Gerry Thomas filter mod.)
Antenna systems: RTL-2 Remotely-Tuned Loop, controlled by
MWT-3 regen. tuner / controller
=====

e-mail = MarkWAIION@aol.com

DATES: 1996 (UTC/GMT)

TIMES: UTC/GMT

* TRANS-ATLANTIC DX *

- 549 ALGERIA, Les Trembles / unID, MAR 11 0010 - flutes, then AA talk;
o/ possible GG station & CFNB slop. (Connelly*P-MA)
- 558 SPAIN, RNE5, Valencia et al., MAR 11 0012 - monotone SS talk by
man; in WGAN slop. (Connelly*P-MA)
- 567 IRELAND, Radio 1, Tullamore, MAR 11 0104 - Irish C&W female
vocal; excellent. Possible SS station way under. (Connelly*P-
MA)
- 576 SPAIN, RNE5, Barcelona, MAR 11 0014 - fair w/ man in SS.
(Connelly*P-MA)
- 585 SPAIN, RNE1, Madrid, MAR 11 0015 - man in SS (not // 576);
excellent, like a local (nearly as good as WBNW-590).
(Connelly*P-MA)
- 594 PORTUGAL, Muge / unID's, MAR 11 0016 - cluster w/ woman in PP
slightly o/ classical music (Germany ?) & possible AA: a messy
channel ! (Connelly*P-MA)
- 603 MADEIRA / SPAIN, MAR 11 0018 - Madeira // 666 w/ light PP &
US rock mixed evenly w/ Spain (SS talk // 585). (Connelly*P-MA)
- 612 MOROCCO, Sebaa-Aioun, MAR 11 0019 - man in AA; o/ 2 others
(likely Ireland / Spain). (Connelly*P-MA)
- 639 SPAIN, RNE1, La Coruna et al. / unID, MAR 11 0020 - man in SS
o/ unID music that may have been the Czech station. (Connelly*P-
MA)
- 657 SPAIN, RNE5, Madrid, MAR 11 0021 - SS talk, in WFAN slop.
(Connelly*P-MA)
- 666 PORTUGAL, RDP, Lisbon et al., MAR 11 0022 - folk-style vocal
// 837; fair. (Connelly*P-MA)
- 666 unID's, MAR 11 0102 - quite a few stations noted under Portugal,
so be on the look-out. (Connelly*P-MA)
- 675 FRANCE, France-Inter, Marseille, MAR 11 0025 - man in FF; loud /
dominant; music (from Netherlands) way under. It was good to
hear this. At home, it's blocked by WRKO. (Connelly*P-MA)
- 675 NETHERLANDS / FRANCE, MAR 11 0101 - Dutch talk and FF talk
mixing; France slightly stronger. (Connelly*P-MA)
- 684 SPAIN, RNE1, Sevilla, MAR 11 0026 - SS teletalk at monster level;
bits of music (Yugoslav ?) way in the background. (Connelly*P-
MA)
- 693 UNITED KINGDOM, BBC R. 5 synchros, MAR 11 0027 - man & woman
discussing marriage; excellent signal, better than CBF-690.

- + MAR 11 0034 - golf scores, report about Nick Faldo; signal was massive, local quality. (Connelly*P-MA)
- 702 SLOVAKIA, Slovensko 1, Banska Bystrica/Presov, MAR 11 0107 - Slavic talk by man; poor in sloop. (Connelly*P-MA)
- 711 WESTERN SAHARA (Occupied by Morocco), Laayoune, MAR 11 0108 - AA talk / music, through killer WOR sloop that would have been easily nulled with a cardioid-type antenna set-up. (Connelly*P-MA)
- 729 SPAIN, RNE1, Oviedo et al., MAR 11 0047 - bits of SS talk in CKAC sloop. (Connelly*P-MA)
- 738 SPAIN, RNE1, Barcelona, MAR 11 0047 - SS talk // 684; good. UnID tone tester was also present. (Connelly*P-MA)
- 747 NETHERLANDS Flevoland, MAR 11 0050 - US mellow vocal (sounded like Jackson Browne); huge signal, totally killing 750. (Connelly*P-MA)
- 756 GERMANY, Braunschweig / Ravensburg, MAR 10 0519 - classical violin music // 1269; huge, local-like. (Connelly-MA)
- 756 GERMANY / unID, MAR 11 0051 - classical music mixed w/ talk (likely Spain or Romania). (Connelly*P-MA)
- 765 SWITZERLAND, Sottens, MAR 11 0051 - presumably this w/ orchestral music; surprisingly, this was quite a bit weaker than normal. (Connelly*P-MA)
- 774 SPAIN, RNE1 synchros, MAR 11 0052 - SS teletalk to good peaks (but WABC sloop that would be easily dumped w/ 2-wire phasing could not be eliminated w/ the loop). (Connelly*P-MA)
- 783 SYRIA, Tartus, MAR 11 0052 - AA vocal o/ others; some CFDR sloop. (Connelly*P-MA)
- 819 EGYPT, Batra, MAR 11 0053 - HUGE (smoking WNYC-820) w/ AA Koranic vocal; apparent SS talk way under. (Connelly*P-MA)
- 828 SPAIN, OCR, Barcelona, MAR 11 0054 - bits of SS talk through growl and pesky WCRN sloop. (Connelly*P-MA)
- 837 AZORES, RDP, Barrosa, MAR 11 0022 - folk vocal // 666; fair, atop the channel. (Connelly*P-MA)
- 837 SPAIN // CANARY ISLANDS, COPE synchros, MAR 11 0041 - SS talk came way up, rolling o/ Azores & others. Stronger than WHAS/Cuba - 840. (Connelly*P-MA)
- 837 unID, MAR 11 0024 - EE talk & jazz / blues music briefly popped up over Azores and Spain-Canaries. This may have been one of the UK locals. (Connelly*P-MA)
- 846 ITALY, Rome, MAR 10 2355 - baritone II vocal // 1035; good. (Connelly*P-MA)
- 855 SPAIN, RNE1 synchros, MAR 11 0039 - jazz-pop vocal // 864, then man & woman in SS; local-type signal, way o/ others. (Connelly*P-MA)
- 864 SPAIN, Socuellamos, MAR 11 0038 - Deodato-type jazzy instrumentation & a male vocal, // 855; o/ AA music (Egypt). (Connelly*P-MA)
- 864 EGYPT, Santah, MAR 11 0040 - AA vocal rose atop Spain. (Connelly*P-MA)
- 873 SPAIN, Zaragoza, MAR 11 0040 - SS talk in jumble; AFN Germany & 2 or more others audible under. (Connelly*P-MA)
- 873 GERMANY, AFN, Frankfurt, MAR 11 0111 - US basketball game; good, atop channel. (Connelly*P-MA)
- 882 UNITED KINGDOM / SPAIN-CANARY ISLANDS / unID, MAR 11 0037 - man & woman w/ EE talk, o/ SS talk and third station (Yugo. or German ?) with Muzak. (Connelly*P-MA)
- 891 ALGERIA, Algiers, MAR 11 0036 - huge w/ slow AA talk by man. (Connelly*P-MA)
- 909 UNITED KINGDOM, BBC R. 5 synchros, MAR 11 0035 - EE talk mentioned "on 909", then discussion of recent newspaper articles; to good peak. (Connelly*P-MA)
- 954 SPAIN, R. Espana, Madrid / unID, MAR 11 0059 - SS talk o/u music that was probably the Czech. Big-band sloop from WPEN (a total non-performer on the phased wires) was raising havoc on the loop. (Connelly*P-MA)
- 963 FINLAND (t), MAR 10 0032 - unfamiliar-language talk by man & woman (quite possibly Finnish); atop second station (Portugal, apparently) that had music // 594. (Connelly*P-MA)

- 981 ALGERIA, Algiers, MAR 11 0110 - flutes, big het clobbering
WCAP-980. (Connelly*P-MA)
- 1008 NETHERLANDS, R. 5, Flevoland, MAR 11 0055 - likely this with
tone tests; loud, similar to WINS-1010 strength. (Connelly*P-MA)
- 1017 GERMANY, SWF, Rheinsender, MAR 11 0030 - GG female vocal; to
good peak. (Connelly*P-MA)
- 1035 ITALY, Florence & Milan, MAR 10 2355 - II male vocal // 846;
fair, another station was way behind (maybe a UK local ?). WBZ,
at a right angle to Europe, was easily nulled with the loop.
(Connelly*P-MA)
- 1044 SPAIN, SER, San Sebastian et al., MAR 10 2356 - man in SS;
o/ growl. (Connelly*P-MA)
- 1053 UNITED KINGDOM, TalkRadio UK synchros, Start Point et al.,
MAR 10 2350 - EE teletalk w/ female presenter; excellent, o/
music station that may have been Morocco, Spain, or Romania.
(Connelly*P-MA)
- 1071 unID, MAR 11 0113 - huge het, but too much CBA for audio.
I needed Drake filters here, instead of the ICP-2010.
(Connelly*P-MA)
- 1089 UNITED KINGDOM, TalkRadio UK synchros, Brookmans Park et al.,
MAR 10 2357 - EE teletalk // 1053; good to excellent, wasting
WBAL. (Connelly*P-MA)
- 1098 SPAIN, RNE5 synchros / SLOVAKIA Nitra, MAR 11 0115 - SS talk
mixed w/ Muzak. Spain generally atop. Growl was noted at times.
(Connelly*P-MA)
- 1107 SPAIN / others, MAR 11 0116 - SS talk bubbling up out of a
very graveyard-like jumble on the channel. (Connelly*P-MA)
- 1116 ITALY, synchros, MAR 11 0117 - opera, apparently // 846,
o/ Spain; in tough slop. (Connelly*P-MA)
- 1116 SPAIN, SER synchros, MAR 11 0117 - SS talk u/ Italy.
(Connelly*P-MA)
- 1125 / 1134 = too much WBBR on loop
- 1143 RUSSIA (KALININGRAD), Bolshakovo, MAR 10 2358 - mellow RR
vocal, then Russian chime interval signal and pips at 0000 (MAR
11). (Connelly*P-MA)
- 1143 SPAIN, COPE, Burgos et al., MAR 11 0000 - very fast SS talk,
generally behind Kaliningrad. (Connelly*P-MA)
- 1152 SPAIN, RNE5, Malaga et al., MAR 11 0119 - SS talk o/ others
in severe jumble. (Connelly*P-MA)
- 1215 UNITED KINGDOM, Virgin Radio synchros, MAR 10 0512 -
good w/ Bob Marley's "No Woman No Cry". (Connelly-MA)
- 1251 LIBYA, Tripoli, MAR 10 0516 - male a cappella AA vocal;
loud, atop others. (Connelly-MA)
- 1251 LIBYA / PORTUGAL, MAR 11 0121 - AA music o/ fast PP talk.
(Connelly*P-MA)
- 1269 GERMANY, Neumunster, MAR 10 0518 - classical violin music //
756; o/u apparent SS talk & growl. (Connelly-MA)
- 1314 NORWAY, NRK, Kvitsoy, MAR 10 0534 - woman in Norwegian;
excellent. (Connelly-MA)
- 1332 ITALY, Radiouno, Rome, MAR 10 0530 - man in II // 1575.
(Connelly-MA)
- 1341 NORTHERN IRELAND, BBC, Lisnagarvey, MAR 10 0533 - EE newstalk by
man; o/ possible SS vocal. (Connelly-MA)
- 1349 MAURITANIA, Nouakchott, MAR 8 0010 - chanting vocal breaking
through the slop. (Connelly-MA)
- 1422 GERMANY, Heusweiler, MAR 10 0538 - classical music // 756, 1269;
excellent. (Connelly-MA)
- 1440 LUXEMBOURG, Marnach, MAR 10 0541 - woman in GG w/ religious-
sounding discussion came rolling in atop the domestics.
(Connelly-MA)
- 1512 BELGIUM, Wolvertem (t), MAR 10 0543 - undoubtedly the one
here w/ test tones getting by pest local WNRB. (Connelly-MA)
- 1521 SAUDI ARABIA, Duba, MAR 8 2230 - AA talk, badly trashing
WKBK on car radio at Route 3A / Shawsheen River marsh area in
Billerica, MA. Many other TA hets noted at the time. (Connelly-
MA)
- 1529 unID, MAR 11 0124 - het here, only on 1529 (not 1531) so
not 1 kHz Sao Tome tone-test. Ideas ? (Connelly*P-MA)

- 1530 VATICAN, R. Vaticana, MAR 10 0527 - man & woman in GG w/ Vatican mentions; way atop WSAI. (Connelly-MA)
- 1557 FRANCE, R. Bleue, Nice, MAR 10 0544 - FF light-rock vocal; to good peaks despite adjacent WQEW-1560. (Connelly-MA)
- 1575 ITALY, Radiouno, Genova et al., MAR 10 0530 - II talk by man, // 1332. Atop Spain. (Connelly-MA)
- 1575 SPAIN, SER synchros, MAR 10 0545 - SS talk // 1584; fair, surfacing o/ Italy. (Connelly-MA)
- 1584 SPAIN, SER and other, MAR 10 0546 - two SS talkers, one was SER // 1575, and the other was a separate program. (Connelly-MA)
- 1602 SPAIN, SER synchros, MAR 10 0549 - SS talk, then emotional vocal music, // 1575 & 1584. Fair w/ some WUNR slop. (Connelly-MA)

Bahamas Telecommunications Corporation

P.O. BOX N3048 NASSAU, BAHAMAS
TEL. (809) 323-4911



Mr Randy Stewart
4225 W. La Casa
Springfield MO 65802-5612
U.S.A.

9 January 1996

Re: VERIFICATION OF ZLS RADIOBEACON

Dear Sir:

This is to acknowledge receipt of your communication dated 11 December 1995 addressed to Chief Engineer, etc., requesting verification with respect to your reception of ZLS radiobeacon on frequency 526 KHz, on 10 December 1995.

As the officer with responsibility for Marine Telegraph Operations, your enquiry was referred to me for attention. My investigations indicate that the signal you intercepted may not be originating from The Bahamas, as there is no record of a radiobeacon with the call sign ZLS transmitting on frequency 526 KHz in this country.

I have also been advised that radiobeacons are used primarily for the guidance of air rather than marine traffic. However, we have monitored frequency 526 KHz and I can confirm reception of the ZLS transmission you have reported.

The assumption here is that the signal may be originating from a neighbouring Caribbean country, perhaps The Turks and Caicos Islands.

For your information, attached is a list of the radiobeacons on record in the Bahamas. I am further advised that additional information may be obtained by referring to the publication BAHAMAS AND CARIBBEAN PILOTS GUIDE.

Many thanks for your interest, and please accept my regrets for not being able to be of more assistance.

Yours sincerely

Arthur Williamson
Arthur Williamson
Manager/Telegraph Services
Bahamas Telecommunication Corporation
P.O. Box N3048
Nassau, Bahamas



WESTERN DX ROUNDUP

Nancy Johnson
979 Neptune Boulevard
Billings, MT 59105-2129



 **PRODIGY**
MPNN49B

Electronic Mail: Internet: WDXR@aol.com

America On Line: WDXR Compuserve: 74444,3075

Prodigy: MPNN49B

WDXR DEADLINES: Saturday 3/30, 4/13, 5/4, 6/1, 6/29, 7/27, 8/15. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (AB) Art Blair-7420 Telegraph Ave.-Orangevale, CA 95662-2536
NRD-515 and Palomar loop
- (EB) Eric Bueneman-Hazelwood, MO
- (pb) Phil Bytheway-9705 Mary Ave. NE-Seattle, WA 98117-2334
Drake R8, KIWA loop
- (LBG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (MH) Mike Hardester-3118 Gateway Dr.-Jacksonville, NC 28546-6973
- (GL) Gary Larson-2806 Lincoln-Burbank, CA 91504
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843
Drake R8, 900' NNW Beverage, 1500' E Beverage, terminated 200' SW wire
- (5P) Dale Park-P.O. Box 22778-Honolulu, HI 96823
ATS-803A, Selec-A-Tenna
(5P-HI1) DX'ing from Kahului, Maui with ATS-818CS, Selec-A-Tenna
- (bp) Bruce Portzer-6546 19th Avenue NE-Seattle, WA 98115
Drake R8A & KIWA loop (late evening) and Ford car radio (SRS/SSS)
- (DS) Dan Sys-27423-32nd Avenue-Aldergrove, BC V4W 3J3
GE Superadio II
- (LMT) Lance M. Thomas-200 Springdale Circle-Airdrie, AB T4A 1N7
Hallicrafters S 53-A, homebrew 16" Superloop V 3.0

OF SPECIAL INTEREST

- 1230 KYPA CA, Los Angeles ex-KGFJ 2/26 (probably 0200) changed to motivational. New owner is Personal Achievement Radio Inc. Story in LA Times says new format will air 5am-7pm, evenings & weekends are to be block programed and sold to other people. (GL-CA)
- 530 CIAO ON, Brampton 2/15 0505 in Spanish with music & lite talk. ID on hour in English and into Broadcast News. New. (LMT-AB)
- 560 CKNL BC, Ft. St. John 2/23 0047 good on top of jumble with C&W music, "You've got a better mix on CKNL 560." (PM-OR)
- 570 KCNO CA, Alturas strong at 1000 3/1. Man said "Richfield, CA, this is 570 KCNO Alturas, reaching out to you." (LBG-MT)
- KLAC CA, Los Angeles 1/22 0510 oldies, "The Classics Station, KLAC," DJ talk, Nat King Cole song // KUMU-1500, before semi-local KQNG came out of dead air. Poor. (5P-HI)
- 580 KRSA AK, Petersburg 2/23 0052 with call letter ID in jumble "This is KRSA, AM 580." Sounded like a relig. program, but uncertain. (PM-OR)
- 600 KIIX CO, Wellington 1/29 0516 ID as "60 KIIX." (LMT-AB)
- 620 KGTL AK, Homer 2/23 0045 fair mixing with KOTK with MOR music and ID "KGTL 620," into more music. Later heard with weather. (PM-OR)
- 700 WLW OH, Cincinnati 2/2 2306 on top with ID "Newsradio WLW." (LBG-MT)

- 710 KNUS CO, Denver 3/2 0800 even with KIRO. Woman said "News 24 hours a day, this is the news station" and man gave call ID. Rare here. (LBG-MT)
- 720 WGN IL, Chicago 2/19 0735 weak signal all alone with newscast & "WGN traffic" report. No sign of KDWN, must have been off the air. New. (DS-BC)
- 750 KFQD AK, Anchorage 2/23 0058 fair under/over KXL with oldies music "Year of the Cat" by Al Stewart, "Stereo 750, KFQD" IDs. (PM-OR)
- 770 KKOB NM, Albuquerque 2/17 2035 "Super Talk" ID under KCBC. (AB-CA)
- 800 CKOR BC, Penticton 2/25 2300 strong with GTO and call ID. Very unusual to hear in eves. (LBG-MT)
- 820 WBAP TX, Fort Worth 1/18 0405 woman reporter from Newscenter Eight with breaking news, ad, slogan "... Dallas-Fort Worth turn to...WBAP," man with road conditions, back to C&W. Fair, nearly impossible to hear in Honolulu due to KHVH-830. (5P-H11)
- 920 KVEL UT, Vernal through KXLY at 0800 2/26. Man said "Sports and good time oldies, KVEL, Roosevelt-Vernal." (LBG-MT)
- 980 KINS CA, Eureka 2/10 1914 several public service announcements followed by ID. (AB-CA)
- KUTI WA, Selah 2/24 1905 on car radio with ad for Yakima business and call ID. New. Beware: call sounds like KUPI-ID on same frequency. (LBG-MT)
- 1010 KIQI CA, San Francisco 2/29 2257 gave call in English amid talk in Spanish. (LBG)
- 1030 KJDJ CA, San Luis Obispo 2/12 2300 weak signal under KTWO with an ad for Carls Jr. (in Spanish). Mentioned San Luis Obispo in what sounded like a legal ID. Into Spanish music. New. (DS-BC)
- 1040 KEZF OR, Tigard 2/6 2100 with legal ID as "1040 KEZF Tigard" pulling through on the hour. (LMT-AB)
- 1050 CJNB SK, North Battleford 3/1 had sports across hour, gave call ID at 0801:30. (LBG-MT)
- 1120 KSZI CA, San Martin 2/21 2033-2050 generally atop with LA pops, lively Spanish announcer, "La Zeta" IDs. (bp-WA)
- 1130 KBMR ND, Bismarck 2/29 mixing with CKWX, gave horse whinny & call ID at 0856, then C&W. Very strong at 0800 3/1. Believed the source of strong open carrier looping E-W atop CKWX at 2300 2/28. (LBG-MT)
- 1140 CKXL AB, Calgary 2/15 0000 still on day pattern. Noticed most nights with pretty slack pattern changes, often up to 1/2 hour late. For those who haven't logged CKXL yet, the station has been sold to CFFR Calgary & the AP to FM has been granted and 96.9 is assigned frequency. CFFR hopes to move CKXL to FM by early summer. Local CHRb-1280 has applied for the vacated 1140 slot pending CKXL's move. This info from D.O.C. CKXL, CFFR phone chat. (LMT-AB)
- 1150 KSAL KS, Salina 2/28 0759 gave local weather. It's my most consistent KS. (LBG-MT)
- 1210 KEBR CA, Rocklin 2/21 2030 "1210 AM KEBR Rocklin" ID & Family Radio programs, clobbering local KBSG (which was running traffic report on the accident I was stuck behind!). (bp-WA)
- KOKK SD, Huron 2/28 2300 gave call ID before ABC news. Stronger 3/1 2300 with basketball tournament; man said "Dakota Sports, KOKK." (LBG-MT)
- 1230 KORT ID, Grangeville 2/26 2302 ID'd as "The new country, KORT." No news at 2300. (LBG-MT)
- 1240 KLVJ ID, Mountain Home 2/13 2000 fairly dominant signal over CKGO with satellite talk programming. Legal ID heard, into ABC news. New. (DS-BC)
- 1250 KKDZ WA, Seattle 2/29 played a Jackson Browne song across the hour, gave call ID at 0802. QRM from KIKC. (LBG-MT)
- 1290 KNSN CA, Chico 2/18 2030 dominant with "Talkamerica" program, ID "1290 KNS, the more you listen the more you know." (bp-WA)
- 1300 KYNO CA, Fresno 2/21 1018 dominant with local ads, "The big 13, all sports Kyno" slogan just before KMPS popped back on. (bp-WA)
- KLER ID, Orofino 2/20 1005 dominant with local ads, "4K Radio News." (bp-WA)
- KAPL OR, Phoenix 2/18 0230 dominant with Christian-music, 0257 s/off announcement, to return at 6am, gave power as 20/5KW, then song by woman & off 0301. (bp-WA)

- CJME SK, Regina 2/18 0310 dominant after KAPL s/off with oldies and "13 CJME" IDs. (bp-WA)
- 1310 KDIA CA, Oakland 2/21 0120 good mixing with KNPT/KLIX/CHLW with local ad, Black music, call ID. A one-time pest, but hasn't been heard lately. (bp-WA)
- KNPT OR, Newport 2/21 0115 dominant with local ads. Fairly common on SRS/SSS, but rarely heard at night here. (bp-WA)
- CHLW AB, St. Paul 2/20 0145 strong with C&W music, many call IDs, woman DJ, local ads. Not as good 2/21 0130 mixing with other stations. (bp-WA)
- 1450 KBFS SD, Belle Fourche 1/28 2300 rising out of the "graveyard" on the hour with good ID and mention of Belle Fourche. (LMT-AB)
- 1510 WLAC TN, Nashville 1/26 0345 with C&W music and ID at :45. (LMT-AB)
- 1540 KXED CA, Los Angeles 2/22 0800 good signal all alone with Spanish adult contemporary music. English legal ID heard. New. (DS-BC)
- 1700 TIS CA, Anaheim 2/26 0758 strong with tape loop. (LBG-MT)

LOCAL NEWS

- 1110 KAOI HI, Kihei now airs "Larry King Live" weekdays 2300-2400, simulcasted over KKON-790. (5P-HI)
- 1300 (KMPS) WA, Seattle 2/18 0030 noted off due to fire at their transmitter site. Came back on with intermittent open carrier 2/21 0030, back on RS 2/21 0950 but off at 1001 recheck. Back on 1019 with badly distorted audio, while DX'ing in parking lot at work. Problem cleaned up by 1510 recheck & not noted off since. Oh well, it was fun while it lasted. (bp-WA)
- 1480 KNTB WA, Lakewood 2/22 2100 noted legal ID on KKMO for KKMO/KBRO/KNTB, wasn't able to confirm // due to other stations (KNTB is very weak here despite distance) but it sounds like KNTB is now ethnic/AS //KKMO, ex-religion. (bp-WA)
- 1570 KUAU HI, Haiku per 1/19 visit with station owner Richard Miller, the federal government shutdowns (which included the FCC) have delayed the processing of FCC approval of KUAU coming on the air on a regular schedule. They went off in August after testing period pending approval. They will carry PRN talk show, UPI news and L.A. Dodger baseball when they return. (5P-HI1)

DX TESTS

- 610 KCSR NE, Chadron 2/24 0205 low frequency code mixing with KONA and 2nd unID. 0210 high frequency code really cut through the interference...phoned station & heard the same code over the phone. They verified that they were using two different tone frequencies for code at 0205 and 0210. 0215 repeat of low frequency code. They said they were playing polka music between codes...this I did not hear. They also said they were going to cut power to 185? watts at 20 past. 0220 I didn't hear the code that was supposed to be broadcast at the low power...so I went to bed! (pb-WA)
- KVNU UT, Logan 2/25 0230-0300 poor at best way under KONA with DX test. Only Morse code made it through, heard several times between music selections. New. (PM-OR)
- 640 (KYUK) AK, Bethel 2/3 0410-0430 tried, only KFI-CA & the Fiji-639 het were heard. (5P-HI)

UNIDS

- 890 1/22 0519 Art Bell program in progress, but too much local & het QRM. KDXU-UT? (5P-HI)
- 1040 1/18 0402 teletalk program discussing drunk driving, over/under semi-local KLHT. CKST-BC or WHO-IA? (5P-HI1)
- 1090 1/15 0232 C&W oldies and several "K-106" mentions, but at 0251 heard contemporary jazz number featuring Dr. M.L. King's "I Have a Dream" speech followed by Dion's "Abraham, Martin & John." Missed 0300 ID. No sign of KBOZ test. Now harder to distinguish between KRPM & KBOZ since they both now have C&W music. (5P-HI)
- 1210 Sports talk station 3/1 under KOKK. At 2259, promo for what sounded like Sportsline 101. At 2306, Sports Byline USA program. WGMP? (LBG-MT)

12

- 1300 2/20 2030-2100 adult standards somewhat dominant, but no announcements between songs (even though this was afternoon drive time!). (bp-WA)
- 1300 2/21 1005 unID with Paul Harvey mixing with KAPL et al. (bp-WA)
- 1300 2/21 1012-1019 unID oldies mixing with KAPL/KLER/KYNO. Seemed too late for CJME. (bp-WA)
- 1639.9 0030 to fadeout after 0700 non-stop EZL music. Taped several hours, but no IDs. Seemed stronger to the east but also audible off SW wire. Thanks to Larry Godwin for the call on this one. Good signal, stronger than WJDM-1660. Anyone know about this? (PM)
- 1640 Assumed pirate Sun. 2/25 with strong signal 0757 to about 0930 fade-out, and 2250-2400+. During AM, played light rock & man with slight British-like accent spoke about "society" in voice that did not project well. During PM, played instrumental nostalgia music. No ID, news, etc., at 0800, 0900 or 2400. Seemed to loop ESE/WNW. Not heard after this until 3/1 1958-2001 with rock, no break at 2000; not there at 2256. Seemed to loop ENE/WSW this time. (LBG-MT)
- 1680 2/27 2316 tone, wavering in pitch. (LBG-MT)

HELP WITH UNIDS

- 515 "CL" would be Port Angeles, WA, NDB located at Fairchild Internation Airport. (MH-NC)
- 515 MEM's "CL" beacon in DXM #1081 is located at Port Angeles, WA. (bp-WA)
- 550 NP-AB's unID in V. 33 #20 with the Mile High Federal Credit Union ad might be KBOW, Butte, MT, since this institution is located in Butte per my national phone book on CD-ROM. (5P-HI)
- 560 CKNL Fort St. John, BC is probably LBG's unID Canadian. They are heard often here with BN news and SRN. CHTK Prince Rupert // CFTK Terrace, BC continue to elude my ears and my log book. (LMT-AB)
- 1010 Larry Godwin's unID with sports talk is KSIR Brush, CO. They're on the SportsFan Radio Network, and simulcast KSIR-FM 107.1. The AM side has been heard regularly in CFRB's null since KSYG moved to FM. Believe it or not, KMAX is also on 107.1! (EB-MO)
- 1210 Larry Godwin's unID with sports talk is definitely WGMP, "The Game" in Philadelphia. They virtually OWN 1210 here, 800+ miles west! (EB-MO)
- 1470 LG's unID in DXM #1081, ID'ing as "Morgan County's New Leader" might be KELA, which uses the slogan "Lewis County's New Leader." (bp-WA)
- 1590 GL's Spanish in DXM #1081 is probably KXSP Ventura. (bp-WA)
- 1610 unID mentioning Highway 101, parking garage & airport. A couple of possibilities: Beaver Hill, OR State Extension Office is located along US Highway 101 between Coos Bay and Bandon. WPBS250 Albany, OR located at Albany Municipal Airport is another possibility. (MH-NC)
- 1610 unID with mention of "Fossil Beds" sounds like Fossil, OR; John Day Fossil Beds. (MH-NC)
- 1610 MEM's station in DXM #1081 with mention of fossil beds might be the TIS in Fossil, OR. (bp-WA)

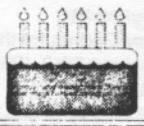
This week we welcome Lance to WDXR. Hope to hear from you often, Lance! A special thank you goes to all who reported to the column this week. Keep up the good work, everyone. Happy Anniversary, IRCA!

IRCA Reprints

The IRCA maintains a large file of articles which 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. For a list of reprints, send \$1.00 to:

IRCA Reprints, c/o Steve Ratzlaff, 1885 E Bayshore Rd Sp 90,
E Palo Alto CA 94303.

Central DX Roundup



Editor: John C. Johnson
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FOR THE RECORD

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Deadlines: Saturdays 3-30, 4-13, 5-4, 6-1, 6-29, 7-27, 8-15, 9-7.
Please report all times as Eastern. Anniversary Issue. Happy Anniversary!

RIDING GAIN

- [EB-MO] **Eric Bueneman**, N0UIH, Hazelwood, Missouri. EBSDJDX@aol.com
Realistic DX-400, Realistic TM-152, Worcester Space Magnet 2.
- [CAD-TX] **Charles A. Dobbins**, Houston, Texas.
Radio Shack DX-160, 80m inverted V antenna, MFJ-956 tuner. Sony ICF-SW7600.
- [NJ-MT] **Nancy Johnson**, Billings, Montana Nancy_Johnson@prodigy.com
1995 Mustang car radio.
- [RCP-IN] **Robert C. Pote**, Greenwood, Indiana.
Drake R8A, Quantum loop.
- [JcJ+NJ-MT] Your editor and his wife using an Icom IC-R71A, "Radio West" loop.

SPECIAL INTEREST

- 1380 **KARN AR**, Little Rock. (Note station is licensed as 920) 2-24. 2041-2100 with ID "KARN News Radio." Playing "When Radio Was" program. 2100 ID "KARN Little Rock, the news authority" into national news report. Sent report with query as to nature of call on this frequency!! [CAD-TX]

DOWN THE DIAL

- 540 **WGTH VA**, Richlands. 2-25 fair mixing w/WZER. 0740 with gospel format. [RCP-IN]
- 610 **KFRC CA**, San Francisco. 2-25 good o/KVNU. 0225 with rock oldies Dick Barkley program. Barkley with "KFRC" ID at 0227. [JcJ+NJ-MT]
- WDAF MO**, Kansas City. 2-15 under local KILT. 0720-0735 with country music and mentions of "Country 61" and "WDAF news time..." [CAD-TX]
- 770 **KKOB NM**, Albuquerque. 2-15. 0756-0800 with "Super news talk 770" slogan and "Super talk all day, KOB, KKOB Albuquerque." Lost at 0800 to KPBC. [CAD-TX]
- 890 **WYAM AL**, Hartselle. 2-18 fair mixing w/WQIS in WLS null. 1821 with country music, "Alabama's new country station, 8-90 WYAM radio." [RCP-IN]
- 1000 **WXTN MS**, Lexington. 2-18 briefly heard in WMVP null. 1803 with religious music and mentions of Lexington area businesses. [RCP-IN]
- 1270 **WKBF IL**, Rock Island. 3-2 good to fair, battling WWCA and WXYT. 0325 noted with CHR || WHTS 98.9. "All Hits 98-9" slogan. [EB-MO]
- WWCA IN**, Gary. 3-2 good to fair, battling WKBF and WXYT. 0324 with urban gospel music format. [EB-MO]
- 1330 **KINE TX**, Kingsville. 2-19 u/KFH. 2201-2230 with Robstown high school Cotton Pickers basketball game. 2210 ID "All new 13-30 KINE Kingsville, Corpus Christi." [CAD-TX]
- 1400 **KUNO TX**, Corpus Christi. 2-26. 0101-0127 || FM 99.9 with all Tejano programming. 0103 EE ID "KUNO Corpus Christi Tejano 99.9." This was all I could hear during the KSIM DX Test at this time. [CAD-TX]
- 1430 **KQLL OK**, Tulsa. 2-15. 0646-0700 with talk show in progress plus promo for "Fabulous Sports Babe." 0700 with "KQLL AM 14-30 Tulsa." [CAD-TX]
- 1460 **WACO TX**, Waco. 2-13. 2130-2200 with Midway Panthers high school basketball game plus many local business spots. [CAD-TX]

- 1520 **WQWQ MI**, Muskegon Heights. 2-22 poor on a crowded 1520. 1807 with NOS format, including Marty Robbins' "Singin' The Blues." [RCP-IN]
- 1560 **WSLA LA**, Slidell. 2114-2145 with Southeastern Louisiana vs. College of Charleston basketball game. 2132 full ID "15-60 WSLA Slidell." [CAD-TX]
- 1580 **CBJ PQ**, Chicoutimi. 2-23 very good, little fading. 0445 with classical music. FF announcer with several mentions of Quebec. [RCP-IN]
- WWSJ MI**, St. Johns. 2-22. 1746 with an ID. Heard briefly doing a bandscan. Lost in a sea of voices. [RCP-IN]

DX TESTS

- 610 **KVNU UT**, Logan. 2-25 DX Test weak in KFRC null. 0029 out of local spot with announcement about the test. Mentioned the NRC. 0030 with code string. Not needed here, but they did indeed conduct the test. [JcJ+NJ-MT]
+2-25 DX Test. 0230-0300 tried, but not heard. WZZK dominated. Usual WDAF strangely not heard. [RCP-IN]
- 740 **KBRT CA**, Avalon. 3-2 DX Test fair to poor. 0300. Only heard code ID's through KTRH and KRMG. CBL nulled. [EB-MO]
+3-2 DX Test. Tentatively heard code ID at 0314. Local KURL-730 splatter on Mustang radio while driving home from KTVQ. [NJ-MT]
- 930(CJYQ) **NE**, St. Johns. 2-24 DX Test tried for, but not heard. Badly needed. 930 sounds like a GY frequency here. [RCP-IN]
+2-24 heard nothing to connect to CJYQ in code or voice ID's. [CAD-TX]
- 1230(WNNC) **NC**, Newton. 2-12 DX Test not heard here. [CAD-TX]
- 1400(KSIM) **MO**, Sikeston. 2-26 DX Test not heard here. Just the normal jumble. [JcJ+NJ-MT]
+2-26 listened 0100-0130 and only heard KUNO and KGVL. No KSIM. [CAD-TX]
- (WTCY) **PA**, Harrisburg. 2-10 DX Test not heard. [CAD-TX]
- 1450(WBSR) **FL**, Pensacola. 2-17 listened 0000-0100 with no indication of code nor programming from WBSR. [CAD-TX]

unIDS HELP

- 890 unID [RCP-IN]'s unID in the 2-24 issue of CDXR with programming that sounded like it originated in Georgia is not from Georgia according to [EB-MO]. Eric says numerous religious programs are recorded in Georgia, he has even worked at one station in the state. Eric suggests [RCP-IN]'s unID might be KGGN, WFKJ, or KBYE. Thanks.

25 YEARS AGO

March 20, 1971 issue of IRCA's "DX Monitor" - Carol Schweiger of Stoneham, MA logged a new province, CBA from NB - David Oliphant of Medicine Hat, AB said he hasn't DX'ed much lately as he is able to turn off his alarm clock without waking up. - Ernest J. Wesolowski of Omaha, NE told about the 2-28 visits from Marv Robbins, Carl Dabelstein, Curne Chadwick, and Dan Morisseau.

OPEN MIKE

Advertising is to art what the banjo is to an orchestra. Happy Anniversary, IRCA! 73, John.

IRCA Almanac Updaters 5.6 and 5.7 Are Now Available!

Two new updaters to the IRCA AM-FM ALMANAC are now available from the IRCA Bookstore.

Updater 5.6 features the most complete listing of Travelers Information Stations (TIS) ever produced. The 32-page listing includes every known TIS station in the US and Canada between 530 and 1710 kHz and even some on FM. Updater 5.6 also includes the FCC Allotment List for stations assigned to the new expanded AM band, 1610 to 1700 kHz. Stations are listed by new frequency, old frequency, and city/state. Those who DX the band from 1600-1710 kHz will find this reference indispensable.

Updater 5.7 features a complete 42-page AM and FM station slogan list, plus current station lists for the Tom Leykis, David Brenner, Pat Buchanan, and Larry King talk shows.

Special prices for these two updaters: \$3 each in the US and Canada, \$4 elsewhere. Order either or both updaters from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

115



Eastern DX Roundup

Editor: LEE FRESHWATER
414 SE 3rd ST
OCALA FL 34471

Well, here we are for another week, thanks to all who reported.
Deadlines are Thursday 6 PM, lfreshwate@AOL.COM or FAX 352-732-7223

STARS OF THE WEEK

- (LF-FL) your editor Hammarlund HQ180a/Patomic FIM41 KIWA Loop NRSC filter.
- (LH-AL) Lynn Hollerman 514 Carrsbrook Rd., Huntsville,AL 35803 **E-MAIL** GE SRIII, Yacht Boy 400, & Nissan car radio.
- (HL-LA) Henry Lazarus 1313 Dauphine St., New Orleans,LA 70116 Sony ICF-2010 & KIWA Loop **via-FAX**
- (MH-NC) Mike Hardester 3118 Gateway Ct., Jacksonville, N.C. 28546-6973 Icom R-70, Radio West Loop **E-MAIL**
- (LLH-VA) Leonard Hyde 1805 Whipple Drive #27, Blacksburg, VA 24060-2436 DX-440, Beverage 1700' NE in Jefferson National Forest. **U.S.P.S.**

LOGGINGS

- 610 WIP PA Philadelphia 2/26 1810 a surprise, even w/local WSLC "Sports Radio 61- W I P." New, much wanted 3 letter call. (LLH-VA)
- 620 WXLXt NJ Newark 2/26 1805- SS pops, scatter gun anncr w/echo. About even w/WRJZ. WXLX most likely due to Beverage direction. (LLH-VA)
- 930 WFMD MD Fredrick 2/26 1631 in/out, alternating w/WRVC.."AM 930-WFMD.." (LLH-VA)
- WYUST DE Milford 2/26 1632 poor, in/out w/Mexican music. Tentative, but WYUS most likely. Caribbean not heard at all tonight, not even Cuba. Nice catch if this was them-500 watts.. Stn faded at 1800 (natchery) (LLH-VA)
- 970 WWWS PA Pittsburgh 2/26 1632 good w/RO mx. "3WS" slogans. Nice formatics. This is an oldies stn that I would listen to. (Did I miss a call letter change here? I still show as WWSW //FM. - ed) (LLH-VA)
- 1040 WSKE PA Everett 2/26 1530 good w/spots, wx, "WSKE" jingle. Into C&W mx. Seldom heard at home. Note time. (LLH-VA)
- 1150 WGOW TN Chattanooga 1815 "....WGOW news..." "....on news/talk 1150", into Chuck Harder Show (LH-AL)
- 1390 WEOK NY Poughkeepsie 2/26 2022 up w/promo for sports show on "13-90-WEOK.." New. This was the "catch of the day" on a fairly disappointing outing. (LLH-VA)
- 1420 WVOT NC Wilson 2/26 1843 fair w/local sports talk, spots. "WVOT" IDs.. New. (LLH-VA)
- 1550 WCTZt TN Clarksville 2/28 0100-0207. tentative, USA Network News and Bruce Williams talk show. No ID heard but several commercials for businesses in Clarksville, including Ed Groves Olds/Cadillac. (HL-LA)

SPECIAL INTEREST

- 1610 ??? ? A friend of mine in Gainesville (non-member) tells me of a stn on 1610 playing Gospel music. This is NOT WJTS-1630, nor are they involved. Was logged this past Sunday evening. I have not had a chance to try for it. Will try this coming Sunday. According to my sources it is o/Anguilla. Has anybody else heard this ?? (LF-FL)
- 1640 KXBT CA San Francisco. Rumor floating around the internet is that

stn may begin re-broadcasting 1190 here by 3/12. I have not seen anything in the Broadcasting Trade mags or on the FCC Web site about it, but you might want to "spot" check 1640 now and then. Perhaps some of our Left Coast friends can alert us when this happens. (LF-FL)

UN-IDEN:

600 ???? ?? 2/26 Up briefly w/promo, into preaching.. "Heaven 600" slogan. Who dat ??? (LLH-VA)

HELP WITH UN-IDEN:

1400 WVNft GA Lynn may have ID'd her "WNID" from last week. WVNF in Alpharetta, GA (near Atlanta) relays WNIV-97Q Atlanta. Both are listed as Religion, so its possible. (LH-AL)
1590 WOKX NV High Point. Mike Hardesters 1590 uniden (DXM 2/17) can only be WOKX-High Point, NC. High Point and Greensboro are adjacent and have actually "grown together" The garbled ID Mike heard was probably "WOKX, High Point-Greensboro." Why this gospel station was on at that time of night with NOS music is another question. There is no other stn on 1590 with anything like "Green" or "boro" in it's city of license. (LLH-VA)
1610 WNVY506 Mike has identified his UNIDEN in DXM 2/17 as WNVY506, operated by the MD DOT in Howard County. A tentative report with what details he had was enough for them not only to ID the stn as being theirs, but they were able to pin it down specifically. Power was 5 to 10 watts. (MH-NC)

DX TESTS

730 KBSU ID Boise 3/4 0200-0300, one fairly good code ID at 0226, one partial code ID and one very weak code ID heard through WASO and KKDA QRM. (HL-LA)
740 KBRT CA Avalon 3/2 DX Test CW only heard at 0300,0308,0312. Lots of KRMG. (LH-AL)
KBRT CA Avalon 3/2 DX Test Code ID heard through KTRH programs, Thanks to J.D. Stephens and the IRCA CPC for arranging the tests. (HL-LA)

Busy week for us here in Sunny Florida, as travels took me to all of our stations across the state this week. Got a NICE letter from Frank Merrill, all I have to do now is find the time to answer it, hi!.... Will be spending next week preparing the 30 minute program for the FL DX TEST NIGHT 3/23 & 3/25...As listed elsewhere in DXM we have 10, yes 10 tests set up for those nights..Was going to do all 10 the same night, but decided that was TOO much for me to handle..Hope you can all join us, it should be fun. Are tests easy to set up ?? Well, I only made 10 phone calls. Eric Bueneman sent a long E-mail about a shake-up at KMOX in St. Louis..You might want to spend some time listening to this stn. According to Eric, three well know air people have left to join WIBV-1260 in Belleville, Il. Rumor is that one will be replaced by Charles Jaco formally at CNN. Interesting. Thats all for now, watch these pages for CONVENTION INFO....Ocala in 96 ! c u in 7 fresh

IRCA Foreign Logs

The IRCA has published nine volumes of the IRCA Foreign log. 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 Bookstore still has volumes 3, 4, 6, 7 and 8 of the IRCA Foreign Log available for \$2.50 each (overseas airmail add \$2.50/book).

Order from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!



Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

***** ANNIVERSARY ISSUE *****

Editor's note: Non-anniversary forums or portions of forums not related to the classical anniversary material have been rolled ahead to the next regular WDXF.

Art Peterson, 851 31st St, Richmond CA 94804

Happy anniversary, IRCA! By way of re-introduction, I am age 51, single, have been DXing since 1960, and work as a consulting forester. I joined the IRCA near its second anniversary and have been a member ever since; member of the Longwave Club since 1981. Receivers in use: a modified Yaesu FRG-7 (general coverage plus LW through a converter) and a WWII surplus Bendix MN-26C (150 to 1600 khz). Antennas in use: R. West loop and 300 feet of longwire strung around the periphery of my lot. At various times I tune LW beacons, MW, SWBC, and utilities. I have verified all states (43 on MW, report out on #44), all provinces (9 on MW), and 81 countries (56 on MW). Other interests include long distance bicycle touring, photography, snow skiing, and personal computers. I am the author of the GCD program for MS-DOS computers that computes great circle distances and bearings. GCD has been well received by those who have used it and is still available w/full registration for just \$20. It was quite a treat recently to be able to tune in WJDM-1660 New Jersey so easily. While I do have a computer, I have neither the interest or the time to go "on line," so I would not favor a digital DX Monitor. I am also more concerned with content than in a "slick" appearance of the DXM. Right now, our emphasis should be on finding a successor to Ralph as publisher; Ralph has done an outstanding job, but he's earned a rest. 73 and good DX to al.

Patrick Martin, PO Box 843, Seaside OR 97138-0843

Happy Anniversary IRCA !!! A reintro is in order. I'm a self-employed locksmith, 47 years old, and have DXed since 1962. I have been an avid QSLer since 1965. I currently have 77 countries verified. My favorite area to DX is Asia and the Pacific. I just received my 190th Australian QSL. I do DX domestic stations at times, but I like Foreign DX better. I use a Drake R8 and a Hammarlund SP-600 receivers connected to a "U" antenna consisting of two phased verticals, a 1500' Eastern Beverage, and 900' NNW Beverage. I have been editing DXWW-West since 1980 and currently serve on the IRCA Board. My door is always open to suggestions and comments. To date I have 2321 MW QSLs and continue to collect more, even though they are getting more difficult to get. Some of my favorite QSLs are: 7SH-1584 Khz-100 W-St. Helens, Tasmania, Australia; Radio Nepal-792 Khz and 576 Khz; Bangladesh-558 Khz; Shillong, India-864 Khz; and many others. Living on the Northern Oregon Coast has been great through the years, as the area is quite rural and has only 3 MW stations, only one is 24 hours. The three are 1 KW stations, with poor coverage. Stations like KGO-810-San Francisco and CBU-690-Vancouver are much stronger than any of the locals at mu QTH. Also living about a mile from the Pacific Ocean helps with the propagation of Far East and Pacific stations. There isn't a lot to do in an area like this, but DX is great. Again HAPPY ANNIVERSARY and may there be many more. 73s. Patrick

Nancy Johnson, 979 Neptune Blvd, Billings MT 59105-2129

Happy Anniversary, IRCA! It is hard to believe, but it's time for my annual re-intro. I've been an IRCA member for 25 years now, for the past 21 of them I have been your WDXR editor. I'm an Electronic Associate at the OfficeMax here in Billings. My two children are Melanie age 6, and Billy nearly 10 years old. When I began DX'ing in 1969 I lived in Fredonia, NY (do you remember Nancy Gantzer?). Through the years I've DX'ed mainly the domestics, with any foreign stations heard just by luck. Back in 1971 when I joined IRCA John Johnson of Sheridan, WY wrote me, and we became good friends. Little did I know that 25 years later (Valentine's Day 1996) we would be married. Again, Happy Anniversary, IRCA!

73/88

John C Johnson, 979 Neptune Blvd, Billings MT 59105-2129

It is time to wish IRCA another Happy Anniversary! I'm sure we will see many more. Time to re-introduce myself. I am a Charter Member of IRCA, and I am currently your Secretary/Treasurer. All of you know I also edit CDXR for "DX Monitor." I am married to Nancy, your WDXR editor. I've known Nancy since she joined IRCA 25 years ago! I have been at KTVQ, Channel 2 for almost 24 years. I am a Master Control Operator, but also I am a Technical Director for two nightly newscasts. KTVQ has seen many changes over the years. We now air all of our spots from computer hard drives. I have been DX'ing since the early 1960's. The DX highlight this past year was to log a new state. First since 1964! Other hobbies include genealogy with one time traced back to 6 A.D. Computers have played an important part in genealogy research, from e-mail to searching databases at the Family History Library in Salt Lake City. Computers themselves are another hobby. I've had home computers since 1984. The world has changed with the advent of home computers. I am sure we will see greater use of computers with our DX hobby, and with IRCA itself. Happy Anniversary, IRCA! 73, John

Larry Godwin, 2390 Clydes Dale Lane, Missoula, Montana 59801

(E-Mail to lbg@selway.umd.edu)

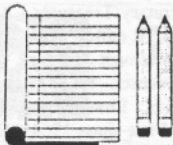
Greetings! And Happy Anniversary, IRCA! It's great to be a member of such a great club. The IRCA was born from differences with the NRC, and the two clubs have prospered over the years. There is room in the hobby for both, with their distinctive personalities, and I'm pleased to see the healthy cooperation between them. As an introduction, I am 53 and live with my tolerant wife Cathy and our four-year old daughter Jeannine. I taught at the University of Montana for five years, and am now writing a book with a psychology theme. I started DXing in Amarillo, TX in 1957. I moved to Boulder, CO in 1960 and a few years later was one of the club's incorporators and a co-publisher. I DXed from Berkeley, CA from 1965-1967, then moved my first family and radio to Denver. I let my membership lapse for several years, and rejoined in 1990 after moving to Missoula. From this location I've happily logged exactly 800 stations from 18 countries, 38 states and 6 provinces. I still use the Hammarlund HQ-150 I bought in 1958. I am proud to serve on the club's Board of Directors, and look forward to another year of membership in this outstanding organization. 73 and good DX.

Chris Knight, PO Box 128, Firestone CO 80520

Hola! Since it has been some time since my last forum (about 8 years) here's a re-intro: I'm 32 years old, married, and have been a DX'er since 1977 when I first joined IRCA. DXM was different back then, published on full sheets of paper stapled in the upper left corner. However, a year later, it came out in the current "booklet" format. So far this has been a most excellent season for DX with KPAU-670 logged for HI#3, WJDM-1660 for NJ#1 and the many DX tests. Got QSLs back from WSEZ-1560, KREW-1210, and WDJL-1000 for DX Tests. I was the furthest west to hear WDJL-1000, even hearing a voice ID and a music selection! Right now, I have 4 reception reports currently out and am planning on sending 2 more, one to KVNU and one to KONA for their DX tests. Last December, I took over the job of updating the IRCA Mexican Log. If anyone knows of any changes in Mexican radio, and can help, I would be eternally grateful! A big "Thank You" goes out to all who have helped so far. 73s, and good DX. *[continued in next issue]*

Dale Park, PO Box 22778, Honolulu HI 96823-2778

Well, the IRCA is, what, 33 years old? Guess that means Forum time! Let's see, talk about myself -- I'm thirty-four and work for the family business, which is retail. I'm not sure when I joined the club but it's been a while. I'm in tow other DX clubs as well. I also have been handling the sports network column for several years, under different names (it's currently entitled "Sport Channels IRCA"). I've seen the club go through several changes over the years: membership rolls fluctuating, DX MONITOR moving from Seattle to Riverside County, Calif., editors changing and marrying and divorcing, the shift to computers and the Internet. Even I have an Internet address (DXFOOL at aol-dot-com). And since the last anniversary I have heard South Carolina, Ohio and possibly New York City, while locally one AM station returned to the air and another came on for a long testing period; four other AMers altered their formats. Sorry, but I won't be going to either club convention in the Southeast; too expensive. Good luck to J.D. Stephens for taking over the publishing and treasury duties. We should give J.D. all of our support. And many thanks to Ralph Sanserino for shamelessly working overtime to keep the MONITOR going.



Eastern DX Forum

Richard C. Evans

P.O. Box 21883

Milwaukee, WI 53221-0883

Phone: 414-ATLantic 2-9035

Reports from members living east of and along the Mississippi River

Deadlines: 3/30, 4/13, 5/3 (Friday), 6/1, 6/29, 7/27, 8/24, 9/7...

Charles A. Taylor, WD9INP, PO Box 346, Grafton, North Carolina 28530
919-524-3346. Greetings from the coastal plains of N.C. It's been several years since I've submitted a Forum, much less an intro. I'm a charter member of IRCA, 49 years old, father of four and grandfather of 3. XYL is Leonor L. Lasao, a Filipina, who doesn't see the point of any type of DXing (but is tolerant, having her own lunacies, hi). Ham license is tech grade. I've been a MW BCB DXer since 1957; most of my listening was done from Indianapolis (totals, 1454 logged). Also have DXed formally from Philippines, Okinawa, Bermuda, Oak Harbor, Wash. and Sao Tome e Principe (logs kept, IDs taped on cassette); and informally from Navy shipboard, Vietnam, and San Diego (no logs). I haven't veried any stations since Indianapolis 1957-1966 (when I entered the Navy). Instead, I have a large, well-organized collection of cassette-tape IDs, starting with Bermuda in 1978. Have been employed since 1986 as a transmitter technician at the VOA's Greenville Relay Station (whence is radiated the 7405 kHz EE Africa service that you guys use for checking //s with VOA overseas MW freqs.), currently working 0000-0800 EST (mid) shift, Sun-Thurs. DX den is centered on an R-390A/URR, a Drake SPR-4, an SM-2, and two 75-ft horizontals. Also have DXed FM, TV and SWBC in past, but currently. Other interests/hobbies include running, travel, studying electrical generation, transmission and distribution systems and foreign languages. My present work-sked precludes late-night DX sessions; but with moving the DX den to an unused bedroom, may very do so on Friday and Saturday. Anyway, one of my New Year's resolutions is to get more active in club affairs and MW DX. 73 de Charlie.

Lee J. Freshwater, 414 Southeast 3rd Street, Ocala, Florida 34471
Lfreshwate@AOL.COM Happy Anniversary to the I.R.C.A. Re-intro: Age is mid-40's. I have spent the last 25 years in the Broadcasting Business. First as an "On the Air" type, but the last 10 as a Broadcast Engineer. For the last 7 years, I have been Director of Engineering for the Asterisk Radio Group. My wonderful wife is a "Staff Assistant" to US Congressman Cliff Stearns. We live in a big old historic home in downtown Ocala with our two dogs and five cats. This summer we will be honored to host the annual IRCA Convention. I am looking forward to meeting so many of you that I have gotten to know through the DXM, Internet & Telephone. This is perhaps the most important Anniversary yet, as it might be the last. If we as a group don't pull together to save the IRCA. we won't see another anniversary. I have been involved with this organization off and on for many years, and it seems to me that it is always a handful of people that are doing all the work. Ask yourself the following questions: 1) When was the last time I contributed to a column, either a DX or Forum? 2) When was the last time I scheduled or helped scheduled a DX Test? 3) When was the last time I passed on a good DX tip to another hobbyist? 4) When was the last time I contributed to the CPC with a cash donation? 5) When was the last time I went to a local station to pick up a bumper sticker, just because I read in a Forum that someone collected them? 6) When was the last time I called a local station to get information for a fellow DXer? 7) When was the last time I dropped a simple note to an

editor or Ralph just to tell them they were doing a good job? But most important of all is the question we must all ask ourselves: WHEN WAS THE LAST TIME I WAS GIVEN AN ADVANTAGE BECAUSE SOMEONE ELSE DID ONE OF THE ABOVE?? We all need to CONTRIBUTE to make the IRCA a success. I can type columns, host a convention, do DX tests, and verify reports to my own stations. I am PROUD of all the folks who contribute not only to my column, but to ALL of the columns. We have a great group of members, let's all pull together and IRCA grow!

Park Barton, P>O> Box 20338, Tuscaloosa, Alabama 35402-0338

Greetings. It has been about 18 years or so since I contributed to these pages, so I guess an introduction is in order. I am 52 years old, started BCB DXing in the summer of 1960. I was a charter member of the IRCA. I was fairly active for about 5 or 6 years (until I went into the Army to get a paid vacation trip to SE Asia), and served as Forum editor in 1965. I got out of the service in 1972 and went to law school. I resumed DXing for a couple of years in 1976-1978 after I finished school, and then fell inactive again until October, 1992, when the interest stirred anew. In December 1992, I purchased a Drake R8, and have been active since. Totals to date are 1948 heard, 1043 verified, 690 taped, 1440 verified or taped, 46 states plus DC, 64 Canadians, 8 Provinces, and 38 countries. Due to the low rate of return and time involved, I no longer solicit verifications. I tape everything, including stations I have previously verified. The last verification that I received was from KFRE-940 for a reception and report of February 1, 1977, and I received the QSL card on August 11, 1980 - 3 1/2 years later without a follow-up! I was pleased to learn that both BCB clubs are holding their conventions in the Southeast this year, and I hope to attend both. I was co-host of the first IRCA convention on Dauphin Island, Alabama in 1964, and I attended the 1965 San Diego convention. 73. (Park, welcome back to the Forum. In your days as editor, I recall it being one column for the whole club. Also, is my memory correct that you were originally from Troy, Alabama?--rce)

Rick Evans, 4841 South 26th Street, Milwaukee, Wisconsin 53221-2937

It's that time of year again--the anniversary issue and this is the 32nd one. It seems like just yesterday when I was reading the first one back in 1965, about one month after I joined the club. A lot of names have come and gone thru the bulletins since then, but I'm glad to see Park Barton's back in this column. For the most part, I am strictly a domestic DXer, even though my old Gary logs have about 20 different countries other than the US, Hawaii and Canada. I've maintained logs in 6 different locations in 5 states, but the only one I have where I have never lived is the one in Dale County, Alabama (near Ozark/Dothan) where my mother-in-law lives. My wife suggested for several years that I start something down there and finally I did about 3 years ago. Down there I just use a Superadio II with no external antenna, but elsewhere I have been using a Hammarlund HQ-100ac (bought new in the spring of 1968) plus a 2 foot square air core loop built for me by a guy in Chicago during the spring of 1968. Both work fine, so I stay with them, but both are such that I have to travel with them. On the personal side, I am 50, work evenings as a rate clerk for ANR Advance Transportation here in Milwaukee. My preference for towns is to live in one much smaller than Milwaukee, and I still miss Wisconsin Rapids where I lived from July, 1987 to July, 1988. I logged 312 stations there in the first six months I lived there, and I sometimes wonder what the number would have been had I kept up with it while I was having to look for another job. (I was there 7 months when the company I moved to work for shut the doors.) 73.

IRCA Stationery

Red and black masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00.

Order from the IRCA Bookstore, by sending \$5.00 (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!



VERIFICATION SIGNERS

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My deadline is the last Friday of the month, unless indicated otherwise.

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 JDS: J D Stephens, 1155 Old Monrovia #3-E, Huntsville AL 35806-3510; JSteph6711@aol.com

FRQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
540	CHEF	Manny Pacheco, Superv. Tech & Dan Kennedy, TransmitterTech	P O Box 1609 Windsor ON N9A 1K7	QB++	27	JDS
585	2WEB	Sue Smith, Secretary	P O Box 426 Bourke, NSW 2840, Australia	LB	140	PM
590	KBHS	Mark Sands	Box 6021 Hot Springs AR 71902	R	19	CAD
	WVLK	Tom Devine, CE	P O Box 1559 Lexington KY 40592	L+	11	RH
	WARM*	Bob Lenio, TechSuperv	Box 590 Avoca PA 18641 600 Baltimore Drive Wilkes-Barre PA 18702	FMB	9	MH
600	WREC	Gary Condrey	203 Beale St Memphis TN 38103	LM+	25	CAD
620	KMJC	Robert S Oailey (?), GM	P O Box 448 Mt Shasta CA 96067	P	23	PM
	KAAM	Hue Beavers	P O Box 941124 Plano TX 75094-1124	C	39	CAD
640	WWLS**	Tony Sellars, OpsMgr	2020 East Alameda Norman OK 73071	LM+	9	JDS
	WGOE	Mitch Standidge, CE	640 Radio Way Blountville TN 37617	LM	8	CAD
670	WYLS	Tim Craddock	11474 US Highway 11 York AL 36925	LMB	11	RH
680	WPHF584		Borough of Highlands Office of Emergency Managem 171 Bay Ave Highlands NJ 07732	Q	18	RH
710	WHB	Carol Terry, OffMgr Bob Terry	925 Livestock Exchange Bldg 1600 Genessee Kansas City MO 64102	LPMB	7	HL
780	KNOM	Tom Busch, GM	Box 988 Nome AK 99762			CPC
790	XERC	Lic Luis G Carrandi Negrete, Director Artístico	Articulo 123 No. 90 Centro Mexico, D. F., C P 06050 Mexico	LP	32	HL
800	WCCM	John Bassett, GM	33 Franklin St Lawrence MA 01840	L	17	RH

22

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
820	KAGH	Russ Miller, PM	Box 697 Crossett AR 71635	LM+	11	CAD
830	WCRN	Gavin Spittle, PD	1049 Main St Worcester MA 01603	L	329f	RH
	WETR	Grady Bingham, CE	3738 High Point Road Greensboro NC 27407	L	20	RH
840	KTIC		Box 84 West Point NE 68788	Q	11	BN
870	KFLD	Ronald S Sweatte, CE	2621 West A St Pasco WA 99301	L	10	BN
885	ZJB	Lowell Mason, SeniorTech	Lovers Lane, P O Box 51 Plymouth, Montserrat	L	90	GVJ
890	WQIS	Glen A Musgrove, ChiefOp	Route 2 Box 151 Laurel MS 39440	Q+		CAD
910	WEPG	Mike Middleton, OpsMgr & PD	P O Box 8 South Pittsburg TN 37380	PBbc	214f	HL
920	KARN	Francie I Thissen, AD	Box 251920 Little Rock AR 72225-1920	L	9	CAD
930	WTAD	Chuck Yates, Sales & Programming	P O Box 731 Quincy IL 62306	L+	6f	JDS
940	KSWM	Art Morris, CE	P O Box 190 Aurora MO 65605	L	6f	JDS
990	WALE	Francis Battaglia, P	1185 N Main St Providence RI 02904	L	115f	RH
1000	WDJL	J D Stephens, StnOp	6420 Stringfield Road Huntsville AL 35806	LM	55	RH
	WMUF		P O Box 1239, India Road Paris TN 38242	B	426f	RH
1020	WLNO	D Gayril Gibson, GM	Oakwood Corporate Center 401 Whitney Ave Suite 160 Gretna LA 70056	LB	19	CAD
		<i>Illegible</i>	Box 220, Grand Turk Turks & Caicos, B W I	Q	27	CAD
1090	CKRX	Tyler Everitt, CE	401 Mayor McGrath P O Box 1090 Lethbridge AB T1J 4A3	LM	62	JDS
1130	KFAN	Richard Gerlovich, CE	7900 Xerxes Ave S, Suite 102 Minneapolis MN 55431	L+	51	JDS
1140	KGEM	Ken Koch, GM	5601 Cassia St Boise ID 83705	L+	6f	JDS
1180	WJMT	<i>Illegible</i>	P O Box 1248 Jackson MS 39215-1248	L	29	CAD
1190	WDCS	Kevin A Smith, O/Op	P O Box 778 Cobleskill NY 12043	LMbc	14	RH
1200	WSML	Ted J Gray Jr, GM	P O Box 900 Graham NC 27253	L	14	RH
	WRKK	James Dabney, GM	WRACK Newstalk Network 1559 West Fourth St Williamsport PA 17701	Lbc	9	RH
1210	KREW	Don Bennett, CE/GM	P O Box 149 Sunnyside WA 98944	Q	11	PM
1230	CHVD	Serge Laprise, Coordonna- teur a la Programmation	1975 Boul Walberg Dolbeau PQ G8L 1J5	LB	42	RH
1240	WUOK	Vern Coleman, CE	278 S Sea Ave West Yarmouth MA 02673			CPC
	WJTN	Wayne Goff, CE	P O Box 1139 Jamestown NY 14702-1139	L	18	RH
	KSOX	Chris Clinton	345 South 7th Raymondville TX 78580	R	10	CAD
1250	WYKM	Jamie F Isaacs	P O Box 627 Rupert WV 25984	LB	7	RH
1260	WSUA	Julio Miguel Alvarado, CE	2100 Coral Way Miami FL 33145	L	8ffff+	JDS
1270	WNXT	Larry Mullins, OpsMgr	405 Masonic Temple Bldg Portsmouth OH 45662	L	8f	JDS
1300	WXRL	Lynn Carol Schriver, MxDir	5426 William St, P O Box 170 Lancaster NY 14086	FB	112f	RH

<u>FREQ</u>	<u>CALL</u>	<u>NAME and TITLE</u>	<u>ADDRESS</u>	<u>WHAT</u>	<u>WHEN</u>	<u>WHO</u>
1320	WJGR	Larry Stevens, PD	5555 Radio Lane Jacksonville FL 32205	LM	8f	JDS
	WAMR	Lee Freshwater, DirEng	Asterisk Communications Inc 3358 S W 7th St Ocala FL 34474	LMB+	110r	HL
	KGDC	Joe Gonzales, GM	103 E Main St Walla Walla WA 99362	P	12f	PM
1330	WPRN	Darryl Jackson, P	P O Box 566 Butler AL 36904-0566	L	3frrrr+	JDS
	WPPI	Bill Alisauskas, DJ	7548 Hillside Dr Douglasville GA 30314	LF	16	HL
1340	WBRK	Willard "Chip" Hodgkins, P	100 North St Pittsfield MA 01201	Lbc	10	RH
1420	CJVR	Bayne Opseth, CE	Box 750 Melfort SK S0E 1A0	L	62	BN
1440	WKLV	Dennis G Royer Sr, P/O/GM	P O Box 192 Blackstone VA 23824	L+	65	RH
	WAJR	James R Murphy, DirEng	1251 Earl L Core Road Morgantown WV 26505-5896	LB+	20	RH
1490	KYFO	Russ East, GM	1506 Gibson Ave Ogden UT 84404	L	9	BN
	WIKE	Fred Gage, GM	P O Box 377, Farrant St Newport VT 05855	LM	10	RH
	KJET***	Brian Spencer, PD	3201 Bay Avenue Hoquiam WA 98550	L+	30	PM
		John Spencer	<i>Same address</i>	L	30	PM
1500	WVSM	Kayron Guffey	P O Box 8, 368 McCurdy Ave N Rainsville AL 35986	Pbc	418f	HL
1540	KDYN	G L Wolverton	P O Box 1086 Ozark, AR 72949	L	14f	JDS
	WDCD	Douglas S Turner, ProdMgr	4243 Albany St Albany NY 12205	LB	33	RH
	WNIO	Gary Zocolo, OpMgr	P O Box 625 Niles OH 44446	LMbc	7	RH
	CHIN	Carl Redhead, VP of Ops	622 College St Toronto ON M6G 1B6	L+	13	HL
1550	KAPE	Rick _____, GM	P O Box 558 Cape Girardeau MO 63702-0558	R	9	CAD
	XENU	C P Carolina Villareal de Noguez, Directora General	1510 Calle del Norte, Suite 2 Laredo TX 78041	Pbc	21	HL
1570	WCRL	Billie Hallman, TraffDir	P O Box 490 Ozark, AR 72949	LB	14f	JDS
	WPEP	George Colajezzi, ChiefOp	41 Taunton Green Taunton MA 02780-3233	Q	13	RH
1580	KDFD	John E Wilhelm, GM	P O Box 573 Fort Smith AR 72902	L+	14	CAD
1590	WERA	Jesse Carroll, GM	120 West Seventh St Plainfield NJ 07060	C	7	RH
	KLFE	Dick Harris, Engin ServiceMgr****	2815 Second Ave Suite 550 Seattle WA 98121	L	71	BN
1600	WXVI	Phil Whitt, CE	207 Montgomery St Montgomery AL 36104	L	4ff	JDS
	KVRD	Tobin J Klinger, NewsDir	Box 187 Cottonwood AZ 86326	L	18	BN
	KATZ	Daryl McQuinn, DirEng	10155 Corp Square Dr St Louis MO 63132	L+	14	CAD
1639	PX*****	David Holland, Op	300 South Main St Berlin MD 21811	Q	14	MH
1670	KTRK	Dave Browne	ABS, Room 340 601 N Fairfax St Alexandria VA 22314			MH
1700	KPD694	Nathaniel S Behura, Assoc TrafficEngineerSystem Design	Traffic Engineering City of Anaheim P O Box 3222 Anaheim CA 92803	P	10	GVJ

WHAT was received:	L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by e-mail; fx = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies
WHEN the reply came:	Number of days elapsed; f = Follow-up; n = Return postage <u>not</u> used; r = Return postage returned
NOTES:	* [for this column] = See comment below; ** [for this column] = See comment below; *** [for this column] = See comment below; **** [for this column] = See comment below; ***** [for this column] = 100 mW MEDFER

Great turnout this month with lots of interesting verifications! A hearty welcome to Charles and Bill! It's good to see that there are a few stations left for Bill to verify, hi! Note the two addresses for WARM-590. Mike indicates that the Avoca, PA address was the address on the envelope the station used. Charles received a coverage map from KXOL-1320 in Weatherford, OK along with his verie and map for WWLS-640; Tony Sellars could be the signer for KXOL as well as WWLS. Patrick received two separate letters from KJET-1490, following the prepared card he received from a third verie signer at the station the month before. Last month the street address for KJET was listed as 3102 Bay Ave., while this month it's listed as 3201 Bay Ave. Can you clarify this for us, Patrick? Bill suggests that Dick Harris might also be the signer for KGNW-820 as the KLFE-1590 verie was mailed in a KGNW envelope and had both stations listed on the letterhead. Nice to see J. D.'s (WDJL-1000) and Lee's (WAMR-1320) names as verie signers! Thanks for the kind words, Bob, and the stickers, Bill. Those are nice veries from several rarely reported graveyarders, Bob. Mike advises that his e-mail address will change soon. JD continues to have success in coaxing veries from previous holdouts by sending his follow-up reports by FAX; in particular, WNXT-1270 and WPRN-1330 have responded after numerous mailed follow-up reports of receptions in the late 1980's went unanswered. Give the technique a try with some of your own holdouts. Thanks to all reporters who used the expanded verie designations. In the WHEN column, you'll note that some reporters, like Bob and Heny, report the total number of days it took for a reply, regardless of the number of follow-up reports required, while others, like JD, report the number of days the reply took from the date of the last follow-up report, especially with multiple follow-up reports for receptions that may date back 5 or more years. Both systems are fine with me, and it should be evident which scheme the reporter is using. You may notice that I switched from Palatino to Times font in the body of the column, but since Times is a more compressed font than Palatino that allowed me to increase the size from 10 point to 12 point. Hopefully, that will make the column a little easier to read. This column was prepared on 2/24/96. 73, SSH.

IRCA Mexican Log, 3rd Edition, Now Available!

After months of preparation, IRCA has published the 1994 edition of the IRCA Mexican Log.

The log lists all AM stations in Mexico by frequency, giving call letters, state, city, day power, night power, slogans, schedule in UTC/GMT, formats, networks, and notes. Stations that have changed frequency since 1990 are cross-referenced on the old frequency.

The call letter index gives call, frequency, city and state. The city index (listed by state, then city) gives frequency, call, day and night power. There is even a guide to the Spanish alphabet and numbers.

The log has been completely updated from the 1990 edition and carefully cross-checked by IRCA members in Mexico and the U.S. This is an indispensable reference for anyone who hears Mexican radio stations.

The price, payable to IRCA in U.S. funds:

IRCA/NRC Member: \$6 U.S./Canada/Mexico/seamail, \$7 rest of the Americas airmail, \$7.50 Europe/Asia airmail, \$8 Australia/New Zealand airmail.

Non-Member: \$8 U.S./Canada/Mexico/seamail, \$9 rest of the Americas airmail, \$9.50 Europe/Asia airmail, \$10 Australia/New Zealand airmail.

Order from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

LONGWAVE DX

BY SHAWN AXELROD

INTRODUCTION

Over the last three years I have been listening to the other AM Broadcast band when the conditions are right. The "other" AM band you ask. Where is that located? Well just take a look down way down and it is there hiding amongst the beacons and GWEN stations and other non-voice transmissions between 153 and 279 kHz. In this Long wave area of the radio spectrum you will find AM broadcast stations from Asia, Africa, and Europe. Just as an aside this was the area of the radio spectrum that Marconi used for his first transmissions across the Atlantic. Maybe he knew what he was doing. This band is still well used out side of the Americas and can make for interesting DX. I listened to it quite often on my trip to Europe in the fall of 1995. The first thing you notice is how clear and clean the signals are. There are two good reasons for this.

POWER

The first is power. These are not local stations by any stretch of the imagination. Yes there is a smaller 10,000 Watter on 189 kHz from Italy but all of these Long wave stations are running over 100,000 Watts expect for about 8 stations world wide. One to two million Watts of power is used by at least thirty stations. Yes, Million Watts! This kind of super power station run with strict government regulations on transmission quality makes it is easy to see why the signals are clean. It also means that you have a good chance to hear these stations even if you are like myself in the heart of the continent.

CLEAR FREQUENCIES

The second reason is that many frequencies are occupied by only 3 to 5 stations. Forget the crowded regional frequencies or supposed clears of North America. The Longwave frequencies are Clears in the sense it was intended to mean. There is the odd frequency with 10 stations on it but most are sparsely inhabited. Now these figures are for stations world wide not for just one country or continent. Look at these Long wave stations as the a re-birth of the good old days when super stations such as WLW was the only station you would hear at night on their frequency.

The next thing you notice is that they are spaced in a 9 kHz pattern. This pattern will be familiar to DX'ers who have heard stations from Asia, Africa, Europe and the Pacific before. The frequencies used in the Long wave spectrum are as follows:

153 162 171 177 180 183 189 198 207 216 225 234 243
252 261 270 279 kHz

You will notice two odd frequencies: 177 and 183 kHz which are splits on this band used by Germany, while the other 15 frequencies follow the 9 kHz pattern.

WRTH

These stations do make it to North America on a regular basis especially for the DX'ers on the East or West coasts of the continent. However living in the middle of the continent, as I do, I thought at first that these stations except for the giant million plus watt stations were a no go for we land locked DX'ers. That was a wrong assumption. After becoming more attuned to the stations available by looking at the back of the WRTH (World Radio and TV Handbook) while in Europe I thought I would get serious once I returned home to Canada. The WRTH which many of us own for regular AM band and Shortwave DX is a wealth of information on these stations. The WRTH has an up to date listing of these stations located at the back where they list stations in frequency order. These lists are broken down by region of the world so you will have to look at the Europe Africa section as well as the Asia Far East section to note all stations. Once you have located a station more information about it will be found under the country it is located in. This will include sign on and sign off times, languages, programming and verification information.

EASIER FIRST CATCHES

This has been a banner year for Long wave DX here in Manitoba. While concentrating more on these frequencies many new stations have been added to my stations heard from Europe, Africa and the Far East and Siberian regions of Russia.

The main stations that we seem to hear here in Manitoba have always been:

162	RADIO FRANCE INTER.	ALLOUIS FRANCE
183	EUROPE 1	FELSBERG GERMANY
198	RADIO 4 UK	DROITWICH ENGLAND

These are our regulars so to speak especially France on 162 kHz. This is the station we often use as a beacon to see if the band is open to Europe. They run 2,000,000 Watts of power as does the Europe 1 station on 183. Radio 4 UK only runs 500,000 watts. If you cannot hear at least one of these stations, odds are the others are not there from Europe at sunset and in the evenings.

TIMES TO LISTEN

When to listen is also important. Everyone knows about Sunrise and Sunset enhancement of signals so I will not go into an explanation here. This enhancement seems to be even greater on Long wave DX. For my location in the middle of Canada the best times in the winter to DX Long wave seem to be around:

2200-0100 UTC	Our sunset
0300-0600 UTC	European sunrise
1200-1400 UTC	Our sunrise

The first two times will bring in the stations from Europe and Northern Africa, while the last time slot brings in the stations from Siberia and Asia. From looking back through several issues of DX publications it is clear that you can hear Longwave DX from either coast and from the center of North America. This may well be a great way to log TP's and TA's from your location.

TUNING TIPS

We have found that the best bet to finding these stations is to use either USB or LSB instead of AM to locate them. Most receivers are more sensitive on Single Sideband than they are on AM. Also most receivers have narrower filters for SSB than on AM. It never hurts to get a boost when digging out stations that are quite some distance away. By looking for Hets you will more easily find these stations amongst all of the other non-voice stations that surround them here in North America. Zero beat their frequencies to pick up the voice and log a new one. You will also find yourself switching between USB and LSB to dig some of these guys out of the beacons. This technique will help you get rid of the interference on one side or the other of the Long wave broadcast station you are looking for. Take a look through some DX publications such as this one and see what people are hearing and look for those stations you see logged most often.

ANTENNAS

As for antennas you can use a loop with more windings to go lower than you would with a BCB loop cut for 530-1710 kHz. The other option is a Longwave ferrite loop like that available from Radio Plus. However the best is still the beverage antenna. These antennas which are easy to put out do take up space (as they are over 500 feet in length) work better than anything I have used. You are saying but who has a 500 or 1000 foot backyard? Not me but a trip to the country side has always proven to be rewarding for DX. Lay some wire down a ditch on a country road and listen in the car if you want. Nothing fancy needed here just a radio the WRTH and wire. Oh yes patience wouldn't hurt either.

CONCLUSION

I hope that this brief introduction to Long wave DX'ing helps get your appetite for this much forgotten part of the radio spectrum going. For those of you who live on either coast try it out a few times and see what comes in. Obviously what you will hear will depend on conditions and your location. For those of you who live in the middle of the continent, as I do, keep trying and you will be successful. There may be times when nothing comes in but when that time comes when the band opens up I know you will be more than pleased with all of those new stations.

THE AOR AR7030 COMMUNICATIONS RECEIVER

A Review By Don Phillips Of The UK And DSWCI
Permission To Print From The Danish Shortwave Clubs International

This will be the most talked about receiver of 1996. From early February when it should be generally available in the shops it will divide the civilised world into two groups of people. Those who hate it and those who love it. And those who love will go out and make a well deserved killing for the AOR subsidiary company based in the UK's midlands.

To save you reading the concluding lines at the end of this review before you go on (a habit that I have), let's give you the verdict now. The AR7030 appears well made, it is compact, it is very versatile, and it has some shortcomings. But as befits the general readership of this magazine, I have only really considered this receiver from the viewpoint of the serious shortwave listener and DX-er. And from that point of view, it is a great receiver, capable of pulling in catches with the best of the competition. And in the UK you can buy this baby complete, including tax, for under 800, which is less than half the current price of an NRD 535.

Having read the conclusion, you want to go on to read more now, don't you? I could spend ten pages listing the full specification and commenting about how I have experienced every feature. In keeping with my promised DXers perspective, I will try to tell you about what you will use most. For example there is a scanning facility which I will never use. Let's briefly talk relevant specifications:

Frequency range 0 - 32 MHz, Modes: AM, Synchronous AM, USB, LSB, CW, DATA NFM

Intercept point (IP3) +35dBm (no pre-amp)

Dynamic range >105dB (SSB, 2.2 kHz filter)

sensitivity <0.3 V 10dB S/N SSB

selectivity >90dB 10kHz SSB mode

Let's simply talk our way through the receiver. There are two antenna inputs, switchable at the rear to accommodate long wire, 50 Ohm feeder and whip. The latter has a dedicated pre-amplifier. The signal then passes through a 0 to 40 dB attenuator, RF filtering, and a 10 dB RF amplifier. The signal is then converted to 45 MHz and then 455 kHz. Four IF filters are fitted as standard (2.2, 4.5, 7.0, 10.0 kHz) with facilities to incorporate a further two of the owner's choice. The avid short wave listener might look for something around 3kHz, the CW enthusiast would want less than 1kHz. There is no notch filter (pity) or noise blanker (thank goodness). There is a 5 kHz bandpass filter adjustment, (used to be known as IF shift).

There are 100 memories which save relevant settings as well as the frequency, there are two VFO's which each also hold separate volume and passband filter settings (very useful for parallel transmitter hunting.)

The receiver appears to be totally stable in use, deriving a master frequency from a TCXO oscillator. The receiver runs on 12 to 15 volts DC. The handbook states that specifications cannot be guaranteed when operating from 12 volts. A mains external power supply comes with the receiver. An internal rechargeable battery holds memory information on switch off. Clock, timer, tape-recorder switching, adjustable AF out, and curiously an IF out 455kHz facility is available (I wonder if it is possible to record 455kHz as video in a modified video recorder and later demodulate it. Great for all-night DXing. Anyone any thoughts?)

Two watts of audio are produced. Headphone socket at the front.

speaker at the rear. The internal speaker is, well, OK for an internal speaker. There is a computer connection socket: the world is now waiting for the right pony-tailed hacker with an IQ of 200 and doesn't sleep to produce the software.

There is also what is referred to as a "remote keypad" which looks for all the world like the little infrared emitting thing that gets lost down the side of your settee and controls your video. This one rather grows on you. It contains nearly all of the receiver's function including tuning which is facilitated through adjustable steps. Volume, mode, pass-band tuning, tone and memories can be accessed also in the palm of your hand. I must admit already to lying in bed and hopping down the 31 mb in 5kHz steps looking for mid-evening Brazilians. I think this accessory is great for short wave listeners also who like to, say, use a computer while listening to (often in my case) an African music station as background music. At the moment I am listening to Galo Negro on 7090 which is just going from music to a political speech. I press in 5,0,4,7,kHz and go straight into a Francoise Hardy record from Togo. Frequencies can be entered either in kHz or MHz

Let's describe the most polemical aspect of the package - the receiver itself. It is smart, black, well finished and inviting. The unit is about 24 cms wide, 19 cms deep and 8 cms tall. As is the fashion, a bar comes down to act as front feet to enable the unit to look up at you. All information is displayed in black well-written figures and letters on a green screen of 9 by 1 cms. A contrast control for this is situated on the rear of the receiver. The large, firm-feeling tuning knob of five cms diameter is at the right of the front panel. Three small buttons are situated at finger tip convenience around the tuner; these allow (very) fast tuning, and shifting of mode. It is easy to tune with your right hand and also flick between USB and LSB. All the other functions of the receiver are accessed through six other press buttons and two rotary switches, which while presented as potentiometers are continuous digital controls themselves.

One can assume general universal hysterical enthusiasm for the receiver, from most of what I have described so far. It is at this point that those of us who have had previous love affairs with "real" receivers such as Racals and Collins may begin to show some concern.

It was probably with the passing of the last generation of high class valve receivers that the practice of having every facility before you also died. Large grey panels on thick steel, bristling with clunking rotary switches, potentiometers and silver toggle switches had an honest charm. The AR7030 is much less revealing. Lowe receivers have demonstrated that many facilities and good performance can be packaged in small boxes whose functions are accessed by depressing just a few buttons in the correct order. This is perhaps what the children of this computer age will insist on.

When I first switched on the AR7030, I spent a few minutes in puzzlement. It was like executing a new computer program. I had to find my way around a menu system, whose branches will lose the newcomer. It will take the well-written instruction book and the illustration of the menu-tree to explain the many functions of this receiver. But to be honest, I soon got the hand of the receiver, and did not have to face the ultimate humility feared by all computer and techno-buffs - reading the manual.

Certainly the receiver is complicated to use. I expect an owner will find new things on it for weeks after delivery. As I said, rather like owning a new piece of software. But I do not want to put the honest DXer off this machine. For DXing, it is easy to use. You can easily configure it to show on the screen just what you want. At this moment the display is showing pass-band setting, frequency, mode, tone and filter settings. This means that all these can be directly adjusted. The volume control does not share its function and is always accessible.

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The CW (Morse) mode position is useful for the DXer because it is possible to configure the BFO shift for Morse reception. The default value is the usual 800Hz. If this is set at zero, the CW position effectively straddles the carrier on AM signals when it is switched in. It is then possible to exactly tune the incoming station by zero beating. This done, you then move to either the USB or LSB setting for more comprehensible audio.

So, how does it perform? Is it just a computer-age transistor-six or do we send our Drakes and NRD's back to "Toys-R-Us" and call in at our AOR store?

The first thing that impressed me about this receiver is its quietness. When there is nothing on the band, nothing much comes through the speaker. The audio has a detailed quality which is hard to describe. Hearing a weak station with intrusive noise and interference is what DXers spend most of their time doing. The AR7030 gives the illusion that it is able to trap any signal that hits the antenna and demodulate it almost at FM quality. Interference and noise then imposes on this. If you listen hard, the intelligence contained in the signal seems to be ever present in the background.

In the summer, Martin Elbe came to see me, and brought with him (as he would) his NRD 525. We spent a lot of time, comparing this with my Drake R8E. While the Drake, I think, is unbeatable for power and bass quality on good signals, the NRD seemed to me to bring in just a little more detail, although I find the audio quality and accompanying hiss of NRD 525's and 535's fatiguing over long periods. To me the 7030 goes one step further and produces an even more detailed audio which is kinder on the ears. When I compare the AR7030 with the Drake R8E, I find similar sensitivity and flexibility, but on the R8E propagation disturbances have a much more destructive effect on the resulting audio. The AR7030 seems to shrug it off and thrust the music at you. Similarly when listening to a few Peruvian and Bolivian stations the other evening, I found the ID's on the AR7030 easier to hear.

I suppose my experience of the AR7030 must be directly linked with its claimed excellent dynamic range and adjacent signal rejection specification.

And what about the Synchronous AM? Well it is one of the best I have come across. When you switch it in, the receiver ponders, clicks, and the frequency display sometimes moves a bit as it seems to tune the receiver to lock on to its locally produced carrier. The end result seems good quality. The receiver locks on and seems to hold even the weakest AM signals. It wouldn't let go of Radio Tropico, Bolivia at 2300 UTC last night. I still prefer USB or LSB for serious DXing though.

To sum up, this is a real DX machine which may take a little time to get to know. But it is well worth the effort.

I would like to thank Richard Hillier, UK Sales Director of AOR for lending me a review sample of this receiver. The company can be contacted on e-mail at: infor.co.uk URL: <http://www.demon.co.uk/aor> or by phone on +44-1773-880788. The address is AOR (UK) LTD, 4E East Mill, Bridgefoot, Belper, Derbyshire, DE56 2UA, England.

And what of the future of this set? The company are planning a stereo wide-band FM option, an internal rechargeable battery and carrying case for portable use, and the possibility of upgrading the microprocessors to offer even more capabilities including alpha-text named memory channels. I would like to see this enterprising team consider making a separate add-on unit in the form of an affordable digital audio processor; as well as attempting to purify the audio further, it could go some way to address the lack of a conventional notch filter.

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