



OCTOBER 2, 1993 - VOLUME 31 - NUMBER 3 - EDITION 995 - ISSN 0899 - 9732

**IN THIS ISSUE:** IRCA DX TEST..2, NRC DX TEST..3, SHORTWAVE LISTENING IN THE CLASSROOM..3, BROADCASTING INFORMATION..4, A WORD FROM YOUR CPC..5, DX WORLDWIDE WEST..6, DX WORLDWIDE EAST..8, WESTERN DX ROUNDUP..9, TALK SHOW NEWS..12, CENTRAL DX ROUNDUP..13, EASTERN DX ROUNDUP..15, WESTERN DX FORUM..16, GEOMAGNETIC INDICES..16, EASTERN DX FORUM..17, TECHNICAL RTL-2 REMOTELY TUNED LOOP..19(continued from last issue), THE BACK PAGE.

**NEW MEMBERS:** TUOMO AHONEN, MICHAEL SHIRLEY, JOSEPH ESSER. **RENEWALS:** RANDY SEAVER, GARY JACKSON, GARY LARSON. WELCOME NEW MEMBERS & THANK YOU...

**IRCA 1994 CONVENTION:** IRCA PRESIDENT BILL HARDY IS NOW ACCEPTING BIDS TO HOST THE 1994 CONVENTION. CONTACT BILL AT 2301 PACIFIC AVE ABERDEEN WA 98520 FOR DETAILS & A BID FORM. BID DEADLINE IS OCTOBER 15, 1993.....

**EDITORS/POSITIONS:** THE IRCA HAS POSITIONS THAT NEED SOMEONE: ANARC REPRESENTATIVE, ELECTION COMMITTEE CHAIRMAN AND GRAVEYARD DX RECORDS EDITOR. INTERESTED IN ONE OF THESE POSITIONS..CONTACT PRESIDENT BILL HARDY.

**IRCA REPRINTS:** LIST OF REPRINTS SEND \$1.00 TO: IRCA REPRINTS C/O STEVE RATZLAFF 1885 E BAYSHORE RD SPACE 90 EAST PALO ALTO CA 94303.....

**NOT GOOD NEWS:** I HAVE JUST BEEN TOLD ABOUT THE PASSING OF LONG TIME MEMBER RICHARD WRIGHT IN SACRAMENTO CA. WE DEDICATE THIS ISSUE TO YOU RICHARD MAY GOOD DX BE WITH YOU ALWAYS.....

The IRCA Bookstore is proud to announce that the 'M Street Corporation' has agreed to offer a discount on their 1994 'M Street Radio Directory' to IRCA members ordering through the IRCA Bookstore. The Directory contains a complete listing of over 15,000 radio stations (AM/FM, US/Canada) including the following information: facilities, ownership, formats, phone numbers, addresses, Arbitron and Willight ratings, as well as information on almost 400 radio markets in the US and Canada. It includes a former call reference (old call, location and current call), FAX directory, LMA's and Duopolies. There are over 25,000 changes from the 1992-1993 edition. Stations are listed by location (complete info), frequency (frequency, call, location, power and pattern) and call (call, frequency, location) and market (frequency, call, location, rating, format). This year's edition contains approx 730 pages and is 6" x 9".

The price to IRCA members ordering through the IRCA Bookstore is \$29.00 (regular price is \$36.95) post paid (UPS address required) and is available NOW from: IRCA Bookstore, 9705 Mary NW, Seattle WA 98117

# KARI 550 KHz

## IRCA DX TEST BULLETIN

**MONDAY, OCTOBER 4, 1993** - WOI-640, IOWA STATE UNIVERSITY, COMMUNICATIONS BUILDING, AMES, IA 50011-3241 WILL CONDUCT A DX TEST BETWEEN 3:00 & 3:30 AM EDT. THE TEST WILL INCLUDE MORSE CODE, AND NUMEROUS VOICE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. DAVID J. KNIPFEL (WD0GAD) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, OCTOBER 4, 1993** - KRZN-760, DENVER, CO WILL CONDUCT A DX TEST BETWEEN 3:00 & 5:00 AM EDT. THE TEST WILL INCLUDE MORSE CODE, AND NUMEROUS VOICE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. BILL HARRIS - CHIEF ENGINEER. MR. HARRIS REQUESTS THAT RECEPTION REPORTS BE SENT TO HIS BUSINESS ADDRESS OF: E & B SERVICES, 2950 S. BIRCH ST., DENVER, CO 80222. POWER FOR THIS TEST WILL BE 50 KW. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, OCTOBER 11, 1993** - WELC-1150, P.O. BOX 949, WELCH, WV 24801 WILL CONDUCT A DX TEST BETWEEN 12:01 & 12:30 AM EDT. THE TEST WILL INCLUDE MORSE CODE, VOICE ID'S, AND AN UNSPECIFIED SELECTION OF MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. JOHN SIDOTE (N8PRR) - CHIEF OPERATOR. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, OCTOBER 11, 1993** - KVON-1440, 1124 FOSTER ROAD, NAPA, CA 94558 WILL CONDUCT A DX TEST BETWEEN 3:00 & 3:30 AM EDT. THE TEST WILL INCLUDE MORSE CODE, TONES, AND VOICE ID'S. TELEPHONE CALLS WILL BE ACCEPTED DURING THE TEST AT (707) 224-1801. NO COLLECT CALLS, PLEASE. RECEPTION REPORTS MAY BE SENT TO: MR. MICHAEL MARTINDALE (KB6RQH) - DIRECTOR OF ENGINEERING. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, OCTOBER 11, 1993** - KSOK-1280, P.O. BOX 917, ARKANSAS CITY, KS 67005 WILL CONDUCT A DX TEST BETWEEN 4:00 & 5:00 AM EDT. THE TEST WILL INCLUDE MORSE CODE. RECEPTION REPORTS MAY BE SENT TO: MR. DAVID FOSTER (N0KAT) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**SUNDAY, OCTOBER 17, 1993** - WTRP-620, 806 FRANKLIN ROAD, LA GRANGE, GA 30241 WILL CONDUCT A DX TEST BETWEEN 12:00 & 12:30 AM EDT. THE TEST WILL INCLUDE MORSE CODE AND GOSPEL MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. MICHAEL THOMPSON - GENERAL MANAGER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, OCTOBER 18, 1993** - WAGL-1560, 101 SOUTH WOODLAND DRIVE, LANCASTER, SC 27920-2244 WILL CONDUCT A DX TEST BETWEEN 3:00 & 3:30 AM EDT. THE TEST WILL INCLUDE MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. B. LEN PHILLIPS, JR. - GENERAL MANAGER. POWER FOR THIS TEST WILL BE 50 KW. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, OCTOBER 25, 1993** - WRCA-1330, 1 KENDALL SQUARE, #1400, CAMBRIDGE, MA 02139 WILL CONDUCT A DX TEST BETWEEN 1:30 & 2:00 AM EDT. THE TEST WILL INCLUDE MORSE CODE AND TONES. RECEPTION REPORTS MAY BE SENT TO: MR. GRADY MOATES - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, OCTOBER 25, 1993** - KATL-770, P.O. BOX 700, MILES CITY, MT 59301-0700 WILL CONDUCT A DX TEST BETWEEN 3:30 & 4:00 AM EDT. THE TEST WILL INCLUDE MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. DONALD L. RICHARD - GENERAL MANAGER. POWER FOR THIS TEST WILL BE 10 KW. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

**MONDAY, NOVEMBER 1, 1993** - WDLM-960, P.O. BOX 149, EAST MOLINE, IL 61244 WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, VOICE ID'S, AND MARCH MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. GLENN ROGERSON (WD9IWO) - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

### A DXers TECHNICAL GUIDE

Now in its 2nd edition, this 120 page book answers questions on receiver and antenna theory, how to make them work better, what audio filters and loop antennas will do for you (and hints on their construction), how to build a beverage and phasing unit, and much more. Only \$5.50 for IRCA members, \$6.50 for non-members (overseas airmail add \$2.50). Order your copy today from: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117

### IRCA Foreign Logs

The IRCA has published nine volumes of the IRCA Foreign log. Each volume contains 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 your copy today from: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117

### IRCA Stationery

Black on white masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order yours today from: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117

**KIOX-1270** P.O. Box 2340, Bay City, TX 77404 will conduct a test on Friday Morning October 1, between 1:00 and 1:30am Eastern Daylight Time. This test will consist of Tones and Morse Code ID's. Power to be used will be 1000 watts. Arranged by the National Radio Club CPC.

**WMAM-570** P.O. Box 609, Marinette, WI 54143 will conduct a test on Monday Morning October 4, 1993 between 2:30 and 3:00am Eastern Daylight time. The test will include country music and Morse Code ID's. Power to be used will be 100 watts. Arranged by the National Radio Club CPC.

**KGNM-1270** 2414 S. Leonard Rd., St. Joseph, MO 64503 will conduct a DX TEST Monday, October 11, between 1:00 and 1:30am Eastern Daylight time. The test will include code Morse Code ID's. Reception Reports may be sent to Mr. Tim Doyle, Station Manager. Arranged by the National Radio Club CPC.

**WCSI-1010** P.O. Box 709, Columbus, IN 47201 will conduct a DX test Tuesday morning October 12, between 2:00 and 3:00am Eastern Daylight Time. The test will include voice and code ID's. Reception reports may be sent to Mr. Jerry Mathis, Chief Engineer. Arranged by the National Radio Club CPC.

**KYUK-640** P.O. Box 468, Bethel, AK 99559 will conduct a DX TEST Sunday, October 19, between 4:00 and 5:00am Eastern Daylight time. The test will consist of polkas, marching music, VID's, and possibly CID.s. Reception reports should be sent to Mr. Joe Seibert, Engineering Staff. Arranged by the National Radio Club CPC.

### Shortwave Listening in the Classroom

☐ I am developing a teaching unit that introduces shortwave, or world band radio, in the elementary school classroom as an exciting, hands-on listening center that integrates media studies with other subjects across the curriculum. 📧 I would be pleased to hear from you if you are a teacher, or know of a teacher, that uses shortwave listening in the classroom. ☑ My interest is to establish an international network of teachers that use shortwave in their classrooms for teaching about media studies, global perspectives, world geography, social studies and other subject areas. ✉ Please write if you would like to share your ideas and experience with other teachers. ☐ Neil Carleton, P.O. Box 1644, Almonte, Ontario, K0A 1A0, Canada. 📧 Grade 5 teacher. CIDX and ODXA member. NASWA editor of the *Radio Stamps* column. Host of the *Radio Stamps* shortwave program heard on the DX Partyline of HCJB, in Quito, Ecuador.

# Classic Country

# 55 KUSA

# BROADCASTING INFORMATION



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

DEADLINES: 2nd & 4th Saturdays.

Compiled: 09/11/93

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

CONSTRUCTION PERMIT ACTIVITY:

WV. Green Valley WAMN-1040 moves to 1050, 1430/200 ND

FACILITY & PARAMETER GRANTS:

OH. Youngstown WHOT-1390 9500-D

FORMAT CHANGES:

AZ. Glendale	KNNS-1360	was nx, now SEN sports
Sierra Vista	KMFI-1470	was oldies, now CHR
AR. Siloam Springs	KUOA-1290	was country, adds JSN country
CA. Fowler	KRGO-1220	was silent, to be SS
Oakland	KABL-960	was soft AC//FM, now Unis. stds.
Pittsburg	KATD-990	was KKIS, AC//FM, now Major/NSE AC
CO. Denver	KHOW-630	was AC//FM, now talk
FL. Seffner	WQYK-1010	was talk, adds Unis. CNN nx
GA. Gainesville	WLBA-1130	was silent, now regional Mexican
MT. Butte	KXTL-1370	was oldies, talk, adds JSN oldies
Missoula	KGRZ-1450	was stds., now SMN country
Sidney	KGCX-1480	was country, rptd. silent
NE. Bellevue	KOIL-1180	was KKAR, nx/talk, now Unis. stds.
Omaha	KKAR-1290	was KOIL, country//KXKT, now nx/talk
NY. Newburgh	WQNY-1220	was all nx, adds SMN stds., talk
Trumansburg	WPIE-1160	was soft AC, easy, AC, now JSN country
NC. Taylorsville	WACB-860	was religion, now country/oldies hybrid
ND. Moorhead	KVOX-1280	was SMN stds., now SMN Real country
OH. Cleveland	WERE-1300	was nx/talk, now brokered talk (keeps CNN nx & Larry King)
	WWWE-1100	was nx/talk, adds Unis. Imus
Toledo	WCWA-1230	was oldies, talk, now SMN stds., talk (drops King & Buchanan, keeps Bohannon)
PA. Altoona	WVAM-1430	was country, now nx/talk/sports (Mutual, CNN, ASN)
Erie	WRIE-1260	was sports talk, now SMN oldies
SC. Darlington	WDAR-1350	was silent, now SMN stds.
TN. Cookeville	WHUB-1400	was country, adds JSN country
TX. Corpus Christi	KRYS-1360	was country//FM, now SMN Real country
El Paso	KROD-600	was oldies, talk, now SEN sports, talk
VA. Luray	WRAA-1330	was country, adds JSN country
Warsaw	WNNT-690	was country//FM, adds JSN C&W//FM
WA. Dishman	KEYF-1050	was oldies//FM, now tourist info
WV. Charleston	WCAW-680	was AC//FM, now Unis. stds.
Milton	WNST-1600	was oldies//FM, now Unis. cl rock//FM
WY. Kemmerer	KMER-950	was country, adds JSN country
ON. Richmond Hill	CHOG-640	was dance CHR, adds talk 9 AM-2:30 PM, calls its talk 'Hot Talk'

## IRCA Stationery

Black on white masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order yours today from: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117



Shawn Axelrod of Winnipeg, MB. sends along the following tips:

BC. Carolin	CBPS-4-1490	now silent
Coquihalla Lakes	CBPS-5-1490	now silent
Haig	CBPS-1-1490	now silent
Hope	CBPS-2-1490	now silent
Horseshoe Bay	CBPN-1490	now silent
Hunter Creek	CBPS-1490	now silent
Kingsvale	CBPS-6-1490	now silent
Merritt North	CBPS-8-1490	now silent
Merritt South	CBPS-7-1490	now silent
Squamish	CBPO-1490	now silent

John Johnson of Billings, MT. sends along the following tip:

ID. Rexburg	KRXK-1230	is using these calls. (Calls for 980-Richfield, MN. are KRXK, this should eliminate any confusion- ed.)
St. Anthony	KIGO-1400	is still silent
UT. Centerville	KCPX-1600	now using these calls, //FM, ID'ing as "Mix 107.5"
Tremonton	KNFL-1470	<u>not</u> on the air as of 8/29, did this station ever come back on w/these calls?

Ye editor passes on the following tip:

CA. Frazier Park	KNOB-1050	<u>is</u> on the air, noted SRS last MM, this should eliminate any confusion in prior columns, format is C&W.
------------------	-----------	---

Thanks, Shawn, John & myself. Gee, Shawn & John rhyme! Maybe I should do the column in rhyme next time (gee that, rhymes also!). 73's and good DX, remember DX is better than sex (???)!

## A WORD FROM YOUR CPC

I just received a letter from Bob Kozlarek, a Technical Support Supervisor for Panasonic Broadcast & Television Systems Company, who informs me of the following info which should be of great interest to BCB DXers;

WABC-770, New York City, NY will be going off the air at least once, and perhaps several nights during late September, mid October, or early November. Normally, WABC experiences only about 10 minutes of down time per year. This upcoming silent period will take place to facilitate the temporary transmitter relocation of WINS-1010, another New York City station. WINS will be undergoing major antenna reconstruction for a 2 month period, and will be operating from WABC's secondary transmitter site in Lodi, NJ, presumably at lower power.

What does all this mean? Well, other than WABC, only KKOA in Albuquerque, NM and a handful of lower power stations inhabit this frequency in the US at night. Naturally, this will give DXers an opportunity to log stations they otherwise would not be able to hear. This will also be a great opportunity to log WINS-1010, which will be operating omnidirectional at night during this time. Normally, WINS is directional at night, with a major null to the West.

The difficult part with this information is that no definite dates have been scheduled, and I'll get only about 1 week advance notification.

If you have any questions, you can contact Mr. Kozlarek during business hours (9 - 4:30 Eastern) at (201) 392-4255, or evenings at (201) 797-0865 (6 - 10 PM Eastern). Mr. Kozlarek requests everyone to PLEASE NOT CONTACT WABC ABOUT THIS.

Mr. Kozlarek has agreed to call me as soon as he has been notified of a date and time for this WABC silent period. Those who have sent in postcards to the CPC NEWSFLASH will be notified as soon as the CPC gets additional details.



PAT MARTIN P.O. BOX 843 SEASIDE, OR 97138

# DX Worldwide - West

Time: UTC phone (503) 861-3185

DEADLINE: MONDAYS

DX continues to be pretty good, but no repeat of the great Asian CX in the last column. Good DU CX, though. Also reports this time from Tim O'Hare and Larry Godwin. So on we go. I almost forgot, this from Mike Hardester-NC: **TURKS AND CAICOS ISLANDS**—According to a letter dated 9/6/93 from an acquaintance who coordinates radio navigation aids in the Caribbean, "We just had a serious interference problem with the Stella Maris beacon on 526 KHZ, the religious station cranked up on 530 and the sidebands were all over...Just got him shut down, I hope permanently. He was in the Turks and Caicos Islands, using an old Loran station for antennas. He was blocking beacons in Canada." Mike adds that he doesn't know the status of the Turks and Caicos station, but those who logged the station and want a QSL, they had better get their request out ASAP! Thx Mike for the tip. I don't know of anyone who had gotten a QSL from them as yet. Their Hq are in NJ, so I don't know anything more on the status of the station. They have been reported on 1020 KHZ in the last bulletin. Is that their new freq.?

## PAN-AMERICAN DX ROUNDUP

- 690 MEXICO, Tijuana-XETRA-with "Extra sports" in EE 9/8 0300-0305. Distorted audio. (LG-MT)
- 760 MEXICO, Nogales-XENY was the strong SS 9/4 and 9/6 around 0240-0320 Gave frequent IDs as "Radio Geny" and TCs=MST=PDT (AZ is not on DST apparently Northern Sonora isn't either). Being a border station, broadcast some ads with prices in Dollars, others in Pesos. QRM de KRZN. (LG-MT)
- 860 t MEXICO, Tijuana-XEMO apparently the one that played NA, then IDed as "radio 860, La Poderosa" at 1300 9/11. I believe this one is AN. (LG-MT)
- 1130 MEXICO, Toluca-XETOL "Radio Lobo" (Wolf Radio) strong with ID 0309 8/23. Easy to ID this one as it broadcasts a wolf howl every few minutes! (LG-MT)
- 1180 UNID, I suspect a Mexican with drunken-sounding ancr 1148 to 1151 8/23 (LG-MT)
- 1540 MEXICO, Mermosillo-XEHOS-in with "La Poderosa" IS 8/16 at 1154, and at 1153 8/26. (LG-MT)
- 1570 MEXICO, Ciudad Acuna-XERF hrd playing NA, then ancr "XERF...frontera, La Voz de la Amistad" at 0802 9/14. Don't know if this is s/on though, many AN XEs go through this routine. Seems weak for listed 250 KW. (LG-MT)  
(Larry XERF doesn't seem to get out as well as they used to, I also wonder if they run the 250 KW, they used to. May be more like 50 or 10 KW. PM)
- 1610 UNID, man in SS 0948 9/2. Does Anguilla broadcast in SS? (LG-MT)  
Yes they do, PM)

## TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA, West Kempsey-2MC-Very good with rr mx and IDs on "531-2MC" at 0915 9/21. (PM-OR)
- NEW ZEALAND, Auckland-1PI-Pacific Islands Radio-fair on top of 2MC with man in Island language, some EE words at times. ID at 0800 as "Pacific Islands Radio" and "P-I Radio" 9/21. This one has only been on for a few weeks. I wonder if 4XA has moved to FM, as I haven't hrd them. (PM-OR)

- 540 UNID, a couple DU sounding stations in jumble at times near 1000 9/21, not strong enough to get much out. (PM-OR)
- 549 AUSTRALIA, Orange-2CR-fair with ABC programming at 1010 9/21 (PM-OR)
- 567 NEW ZEALAND, Wellington-2YA-very good almost armchair copy at times most of the AM on 9/21. (PM-OR)
- 576 AUSTRALIA, Sydney-2RN-good with disc. on Australia at 1023 9/21 (PM)
- 594 t JAPAN, Tokyo-JOAK believed the one in assumed JJ, moderating strong at 0906 9/12. Needed: will keep trying for IS on the hr. (LG-MT)
- 612 AUSTRALIA, Brisbane-4QR-fair with light mx at 1034 9/21 (PM-OR)
- 621 AUSTRALIA, Melbourne-3RN, fair //2RN-576 at 1024 9/21 (PM-OR)
- 639 AUSTRALIA, Coffs Harbour-2CS-good with "2CS" ID at 1345 9/19, rr mx (PM-OR)
- 666 NEW CALEDONIA, Noumea-FR3-best hrd in quite a while. I wonder if they cranked up the mod! Man in FF and Polynesian language at 1040 9/21 (PM-OR)
- 702 AUSTRALIA, Sydney-2BL-first thought this was Radio Pacific, as I hrd tele. talk, but apparently the ABC also runs tele. talk, hrd 0946 9/21, disc. on Australian law, ment. of ABC (PM-OR)
- 711 AUSTRALIA, ABC programming here, don't know which one at 0942 on 9/21 (PM-OR)
- 720 RUSSIA, good with JJ talk o/jumble at 1340 9/19. (PM-OR)
- 747 t JAPAN, Sapporo-JOIB assumed the one seemingly //774 but weaker at 0905 9/12. Not needed. (LG-MT)
- 774 t JAPAN, Akita-JOUB strong in assumed JJ 0902-0904 9/12. This was the most constant JJ last season. (LG-MT)
- 783 UNIDS, weak jumble of stations here in 780 splat 1313 9/18 (PM-OR)
- 792 AUSTRALIA, Brisbane-4RN, fair //to 621,576 1024-25 9/21 (PM-OR)
- 801 UNID, weak Pop mx at 1316 9/18 (PM-OR)
- 828 JAPAN, Osaka-JOBB-strong and quite readable with NHK pips (3 low then 1 long and high) at 0900 9/12 (LG-MT)
- 837 AUSTRALIA, Rockhampton-4RK-good with light mx, DU anc, TC at 0945 9/12 (PM-OR)
- 873 t AUSTRALIA, Sydney-2KY presumed the station with tele. talk at 0934 9/21 (PM-OR)
- 891 SOUTH KOREA, Pusan-HLKB-very good with man in KK over JJ at 1323 9/19 (PM-OR)
- 900 HAWAII, Kahului-KNUI-all most local-like with great signals on 9/21 at 1120, Hawaiian and AC pops, K-NUI IDs. Best hrd in a long while. (PM-OR)
- 909 JAPAN, JJ talk in splash at 1329 9/19 (PM-OR)
- 918 UNID, jumble of stations here at 1340 9/19 (PM-OR)
- 954 JAPAN, Tokyo-JOKR-fair w/JJ pops and JJ anc 1319 9/18 (PM-OR)
- 972 SOUTH KOREA, good with YL in KK at 1314 9/17 (PM-OR)
- 1026 AUSTRALIA, MacKay-4MK-very good with rr mx, 4MK IDs 1038 9/21 (PM)
- 1179 JAPAN, Osaka-JOOR-fair w/man in JJ at 1336 9/19 (PM-OR)
- 1584 t PALAU, Koror-WSZB-non stop Polynesian mx, at 1341, Polynesian version of ONJs song "Please Mr. Please", 1402 woman in Poly. language, soon faded. On 9/7. Tent. taped report sent. (PM-OR)

A couple I forgot.

- 747 JAPAN, Sapporo-JOIB SS program and Opera mx at 0545, 3 Low and 1 High pip on the hr 0600 and into JJ programming-Slop from KXL-750-9/11. (TH-WA)
- 846 PHILIPPINES, Manila(Quezon City)-Radio Veritas Asia again with more Hail Marys in Pilipino and EE at 1340 on 9/17,18,& 19. About the same time each AM. (PM-OR)

#### THANKS TO THESE REPORTERS

- LG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA MT 59801  
HQ-150, Sanserino air-core box loop
- TH-WA TIM O'HARE-20023 84TH WEST-EDMONDS WA 98026  
SPR-4 and 60' Dipole
- PM-OR YOUR EDITOR  
R8,term. 200' SW LW, Term. 1800' NNW Beverage,Ground system.

**DX**  **WORLDWIDE EAST** 

**EDITOR: JAMES R. HALL**

3176 CHELTENHAM COURT  
GIBSONIA, PA 15044-8435

A report from Mike Hardester gives the following information: "Regarding the Turks & Caicos Islands station on 530 kHz, according to a letter dated 06 September from an acquaintance who coordinates radio navigation aids in the Caribbean, 'We just had a serious interference problem with (the) Stella Maris beacon on 526 kHz; a religious station cranked up on 530 and his sidebands were all over...Just got him shut down, I hope permanently. He was in the Turks and Caicos Islands, using an old Loran station for antennas. He was blocking beacons in Canada.' " Thanks for the note, Mike, and you're right, hope people seeking veries were quick to act.

**T R A N S - A T L A N T I C D X** (Straus-NJ)

- 684 SPAIN Seville 0055 8/31 RNE w/SS phone in pgm w/m host, fr. 6 pips at ToH, then "R. Nacional de Espana". Also 0010 9/3 w/SS vocals, and 0540 9/6 w/phone in show w/fem. SS host, xInt.
- 774 SPAIN RNE 0545 9/6 Fr w/m SS talk.
- 855 SPAIN Murcia RNE 0003 9/3 w/w w/nx in SS, v gd. 0005 into instru. mx.
- 891 ALGERIA Alger 2330 9/2 w/AA vocals pre WLS fade in, pr in QRN.
- 954 SPAIN Madrid 2345 9/2 xInt w/SS m & vocal mx, faded quickly.
- 1044 MOROCCO Sebba Aloun 0015 8/31 xInt w/AA talk by m, someone u/.
- 1053 MOROCCO Tanger 2335 9/1 presumed the one w/what I would call MoR AA vocals. Not the usual stuff - like an Arabic Johnny Mathis - hi.
- UNITED KINGDOM Droitwich BBC 0515 9/6 w/pop mx, m ancr, pr in QRN.
- 1107 EGYPT Batrah 0010 8/31 most likely the one w/middle eastern vocals, fr.
- 1314 NORWAY Kvitsoy 0040 8/31 w/EE pop mx vocals, Norse m ancr, xInt. I could listen no problem over the speaker.
- 1544 CLANDESTINE R. Nac.Sah 0020 9/3 AA talk, very good.

**P A N - A M E R I C A N D X**

- 555 ST. KITTS ZIZ 0005 9/7 xInt w/m EE talk, TC, Carib. mx. (Straus-NJ)
- 680 PUERTO RICO San Juan WAPA 0010 9/7 SS m talk, gd. "R. Informa Puerto Rico", "R. Guapa" ments, calls taken. (Straus-NJ)
- 831.0 unID 0520 9/8 Apparent SSLA but weak audio level & 830 QRM. Prob. Cuban. (Hall-PA)
- 870 COLOMBIA 0556 9/21 "R. Mar Caribe Internacional" by woman amidst SS crooners. WVL lost on wedge null. (Hall-PA)

**CREDITS:**

- (Mike Hardester-NC) MIKE HARDESTER, 3118 Gaitway Court, Jacksonville, NC 28546-6973 (details on Turks & Caicos-530)
- (Straus-NJ) ELLIOT STRAUS, 980 Cooper Drive, Toms River, NJ 08753 (R-390A, Kiwa/Quantum Loops, MFJ-959B)
- (Hall-PA) JIM HALL, 3176 Cheltenham Court, Gibsonia, PA 15044-8435 (ICOM ICR-71A, active wedge)

The improved NRC AM Radio Log, 14th Edition, is the most accurate listing of AM radio stations in the U. S. and Canada, with cross reference listings. 3-hole punched for standard binders. Only \$16.95 to U. S. and Canadian NRC/IRCA members; \$19.95 to U. S. non-member; \$20.95 Canadian non-member. Airmail: to Latin America, \$21.00; Europe, \$24.00; rest of the world: \$28.00.

Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax)







# WESTERN DX ROUNDUP

Nancy Hardy  
2301 Pacific Avenue  
Aberdeen, WA 98520-4527

★ PRODIGY  
FMFT21B

DEADLINES FOR WDXR TIPS: EACH MONDAY. PLEASE USE EASTERN TIME.

REPORTERS FOR THIS ISSUE:

- (FA) Frank Aden-4096 Marcia Place-Boise, ID 83704  
Mod. FRG-7 & mod. TRF; 4' box loop & 180' L longwire
- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801  
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (TRH) Tim Hall-350 G St. #F-1-Chula Vista, CA 91910  
ICF-2010, KIWA loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823  
Car radio
- (GL) Gary Larson-2806 Lincoln-Burbank, CA 91504  
GE Superadio II
- (5P) Dale Park-P.O. Box 22778-Honolulu, HI 96823
- (NP) Nigel Pimblett-1146 Queen St.-Medicine Hat, AB T1A 1B4  
(NP-AB1) DX'ing near St. Albert, AB with R-5000 & KIWA loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138  
Drake R8, ground system, 1500' E. Beverage
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio, GE long-range portable, SM-2

\*\*\*\*\*  
OF SPECIAL INTEREST

- 990 KATD CA, Pittsburg 9/13 0850 ex-KKIS, with usual good signal, ID "Contra Costa's Brand New Cat," and "The all new 990, KATD." Now satellite adcon. (RW-CA)
- 1270 (KBAM) WA, Longview has recently gone silent, was satellite country. (PM-OR)
- 1340 CJCM AB, Grand Centre 9/12 1314 Oldies Coast to Coast program, ID "You're listening to the greatest oldies of all time. This is AM 1340, CJCM." Ex-CILW. (NP-AB1)
- 1550 (KVAN) WA, Vancouver has been silent for a couple of weeks. Most recent format was a mixed bag of country, talk and Spanish, often relaying KWBV-940 Woodburn OR. Mostly KKHI at night here. (PM-OR)
- 1570 CKTA AB, Taber 9/11 0008 "Playing today's best country for Lethbridge, Bow Island, Taber, this is 1570, CKTA." Evidently they've gone back to their old calls & format. (NP-AB1)  
+Ex-CFEZ, is now C&W. 9/12 2013 anncr. said "We play country music's brightest stars and the best songs on the new 1570, CKTA, today's best country." Powerhouse here. Later ran ads for S. Alberta businesses. (LG-MT)
- \*\*\*\*\*
- 580 CKUA AB, Edmonton 9/2 0758 s/on. Mentioned the Alberta Educational Communications Corporation. I believe this is the station that runs TT every morning around 0753. (LG-MT)
- 600 (KKLQ) CA, San Diego 9/8 0401 off leaving KSJB, CHRX, unID. (TRH)  
KIIX CO, Wellington 9/11 0651 solid on top in KKLQ null with nostalgia music, ID "Northern Colorado's memories station, sixty-kicks." Very rare at night here. (RW-CA)
- KGEZ MT, Kalispell 9/10 0200 ID "KGEZ, Kalispell, The Classic 600," into CBS news. (NP-AB1)
- CFQC SK, Saskatoon 9/2 0803 with ID during SK local news. (LG)
- 610 KFRC CA, San Francisco per distraught caller to Jim Bohannon

Show, KFRC has dropped Jim Bohannon as well as its entire nostalgia format in favor of relaying sister station KFRC-FM. The lady caller said the entire AM staff was fired at 4pm, and she wanted people to call KFRC and protest, as well as to find out where to hear the show. Jim suggested KFBK-1530, KDAC-1230, KSTN-1400 & KVON-1440. Tuned in 0405 and heard adcon music. (5P-HI) (KFRC-AM-FM is 1960's oldies, not adcon. Per Mutual, KSF0-560 drops KYA-FM simulcast 9/20 for all-talk, picking up Bohannon, Larry King, and America in the Morning.--NH)

- 650 KSTE CA, Rancho Cordova ex-KRDX in 9/15 0859 with weather for Sacramento, ID "The talk station, 650, KSTE." (LG-MT)  
 ?KHNR? HI, Honolulu 9/6 0645 poss. one with "This is CNN Headline News" ID under KSTE/KMTI. Faded out. (RW-CA)  
 CISL BC, Richmond 9/11 0150 "...C-Isle Oldies Weekend," ad for scouting. (NP-AB1)
- 660 (KTNN) AZ, Window Rock 8/28 0428 off, leaving XEAR on top. (TRH)  
 670 WMAQ IL, Chicago 9/10 struggled to get past KBOI with ID at 0009. Mentioned "WMAQ Job File." (LG-MT)
- 690 CBKF1 SK, Gravelbourg 9/10 0759 ended classical music with man giving same ID announcement as CBKF2 (see 860). QRM from nulled CBU. (LG-MT)
- 730 KRVC OR, Medford 9/13 2300 popped up for a quick ID, then disappeared. Better 9/15 0700 with ID "Encouraging words and positive music for Oregon, K-Love Radio, KSKD Sweet Home-Corvallis-Salem, KEZF Tigard-Portland, and KRVC Medford." (LG-MT)
- 750 KOAL UT, Provo 9/10 0000 ended syndicated "Sports Byline USA." QRM from KERR and KXL. (LG-MT)
- 760 KRZN CO, Thornton 9/2 2242 strong with ID. Anncr. Dan Armstrong said "We've got the original hits plus favorite standards." QRM from CKQR. (LG-MT)  
 WJR MI, Detroit 9/9 2310 faded up for clear ID during sports show. New state! (LG-MT)
- 820 KGNW WA, Burien 8/19 0709 fair-good with WBAP, with relig. music, ID's. Rare. (TRH-CA)
- 830 TIS CA, National City 9/12 0200 local drive-in movie theatre good on car radio with audio feed from "The Fugitive." Extremely limited range--may not make it to the far end of the parking lot. New, CA #243. I believe this is my closest local (just barely closer than WNUB568-1610 Chula Vista. Apparently here for years without my knowledge! (TRH-CA)
- CKKY AB, Wainwright 9/11 0659 strong in KPLS null with ID "This is 830, CKKY, Wainwright." (RW-CA)
- 840 (KSWB) OR, Seaside has been silent again for the last few weeks. (PM-OR)  
 CBX BC, 100 Mile House 9/11 0022 ID "All hit Country, Cariboo Radio..." (NP-AB1)
- 850 KORC OR, Waldport 9/16 noted WAY past sunset with satellite nostalgia. Per phone call to station, they are supposed to drop from 250 watts to 10 watts at sunset, but in fact they are staying on 250 watts until someone can make the change manually at the antenna, about 2 to 2½ hours after sundown. If you need them, you may want to try! (PM-OR)
- 860 ?CFPR? BC, Prince Rupert 9/7 0758 probably the one with GSQ relaying CBU-690. Per phone call to friendly Mark Harvey at station, it does relay CBU faithfully, and doesn't give any local IDs since 1988. Does produce a live show M-F 0859-1200, though. (LG-MT)  
 CBKF2 SK, Saskatoon 9/7 0758 ended classical music & man gave full IDs in French for all CBKF relays (CBKF, CBKF-FM, CBKF1, CBKF2, CBKF-FM3, CBKF-FM4, CBKF-FM5). Frequently mentioned Radio Canada. (LG-MT)
- 930 CJCA AB, Edmonton 9/6 0700 strong right through nulled local KLCY, when woman gave short news item. Heard again even stronger 9/9 0807. (LG-MT)

- 940 CJGX SK, Yorkton 9/12 strong with C&W format. At 0022 woman anncr. ment. "GX-94 Saturday night get-together" and at 0031 gave weather for Saskatoon & Yorkton. (LG-MT)
- 960 KABL CA, Oakland 9/8 0400 noted with new nostalgia format, ex-soft adcon. Has picked up KFRC-610's old format. (RW)
- 970 KBBK ID, Rupert 9/11 0913 with local ads for a church and Don's TV (both in Rupert). Then 9/15 0800 s/on. QRM from KCTR. (LG-MT)
- KCTR MT, Billings 9/12 0912 ID as "FM 103, AM 97, KCTR" during C&W program. (LG-MT)
- 980 KUPI ID, Ammon 9/11 0915 ID as "Cupie 98 Gold," on top. (LG-MT)
- 1050 KNOB CA, Frazier Park 9/6 0945 good at s/on in KOFY null, ment. zip code "93821" and "thanks for listening to K-Nob." C&W music, partial ID on hour at 1000 "KNOB Frazier Park, AM 1050." New. (RW-CA)
- +9/8 2203 strong, country song, ID & s/off ment. 10kw, P.O. Box 9775, Bakersfield 93389. Carrier off about 1½ minutes later and then Mexico in clear. (GL-CA)
- +9/11 1024 strong with C&W music. ID "There is something new on your radio knob, the mighty KNOB." Strong here. (GJ-CA)
- 1060 KGFY SD, Pierre 8/26 0756 poor-fair with farm report, ad for Ford/Mercury dealer, supermarket, clear ID. Not logged in 10 or 15 years. Thanks Doug Martin for tip. (TRH-CA)
- 1080 KSCO CA, Santa Cruz Sunday 9/5 2317 a pleasant surprise on top with syndicated "To Your Good Health" program. Gave ad for the Coconut Grove, which has "the best brunch in Santa Cruz." No ID. (LG-MT)
- KRLD TX, Dallas 9/8 2230-2300 relayed "Texas USA" on the Texas State Network. At 2300 man said "KRLD, Dallas, Texas." (LG-MT)
- 1090 CKRX AB, Lethbridge 9/6 0746 finally logged this call change, ex-CHEC, with ad for the "CKRX 1090 Lotto Line" sponsored by Boston Pizza, faded up nicely over KBOZ/KING with XEPRS nulled, then gone. (RW-CA)
- 1140 KXNO NV, North Las Vegas 9/5 2256 ID as "Casino Radio, the best deal on the dial." Program consisted of ads for local businesses. (LG-MT)
- 1210 (KPRZ) CA, San Marcos 8/24 0335 rare OC, leaving KEBR, KONY, KGYN. (TRH-CA)
- 1230 KQIK OR, Lakeview 8/28 0433 fair with KGFJ, KLAV. C&W music, ID included slogan "Your favorite radio station." New, OR #25. (TRH-CA)
- 1260 KRKE CO, Aspen 9/18 0150 fair in jumble with "K-R-K-E Country" and C&W music. (PM-OR)
- KWEI ID, Weiser 9/8 2238 heard when Spanish-speaking man gave commercial for Albertsons in Ontario (OR). Also had a request from Fruitland (ID) at 2307 9/10. No IDs, I phoned station to confirm. (LG-MT)
- KPOW WY, Powell 9/18 C&W music, ID at 0159:55 "Your kind of country, KPOW, Powell-Cody." (PM-OR)
- 1270 CHAT AB, Medicine Hat 9/18 good on top briefly with C&W music, ID at 0120 "The new country CHAT." (PM-OR)
- 1290 KUMA OR, Pendleton 9/11 2348 college football scores, ID as KUMA. For some reason this is easy from St. Albert, but tough from Medicine Hat. (NP-AB1)
- 1300 CJME SK, Regina 9/8 2258 strong with ID as Regina's music station, 13 CJME." (LG-MT)
- 1310 KMYX CA, Taft 9/5 0600 good in KDIA null with "Georgy Girl," ID "This is the heart & soul of rock and roll, the all-new AM 1310, KMYX AM & FM, Taft-Bakersfield-Wasco." (RW-CA)
- 1360 KKBK MN, Bemidji 9/11 2300 ID on the hour "Your hometown choice, KKBK, Bemidji..." (NP-AB1)
- 1370 KTMG CO, Deer Trail 9/6 0800-0803 faded up briefly over GY-like mess with s/on, into Colorado state news. Started fading rapidly, gone under KSOP-KXTL by 0803. New. (RW-CA)
- 1400 KUKI CA, Ukiah 8/30 0357 fair on top with C&W, lots of ads, ID's

and promos. Noted several times since. Never logged before last month, now semi-regular. (TRH-CA)

- 1550 KQWB ND, Fargo 9/10 2326 "1550 KQWB AM, we are Fargo-Moorhead Radio." (LG-MT)
- KSVY WA, Opportunity 9/12 2000 did not ID on the hour, but at 2007 announcer said "You're listening to the sounds of the masters on AM 1550, KSVY." Classical music format. (LG) +9/12 1059 weather report, then "KSVY time 8:00am," into classical music. Mixing with KNTR. (NP-AB1)
- 1590 KLIV CA, San Jose 9/14 0900 woman gave weather, call ID that lead into CNN Headline News. (LG-MT)
- KCNN MN, East Grand Forks 9/18 CBS Radio News at 0300, ID "Red River Valley's Talkradio, KCNN" at 0306. (PM-OR)
- 1600 ?KTAP? CA, Santa Maria 9/6 0907 tent. call change ex-KZON, fading up briefly over KGST-KMNY with KLIV-1590 splash nulled. Heard "aqui en Santa Maria" mentioned ("here in Santa Maria"), will still check on this. (RW-CA)

## DX TESTS

- 1010 (WCSI) IN, Columbus 9/6 0200-0239 nothing heard. (FA-ID)
- 1460 (WCEI) MD, Easton 9/5 0230-0300 nothing heard, KCKX (C&W) and KMWX (MOR) mixing. (FA-ID)
- 1530 (WCEG) MA, Middleboro 9/6 0130-0200 nothing heard, KFBK dominate. (FA-ID)
- 1560 (WSEZ) IN, Paoli 9/5 0130-0200 nothing heard, KNZR dominate. (FA)
- 1590 (WASB) NY, Rockport 9/5 0430-0500 nothing heard, KZOK dominate with unID Spanish. (FA-ID)

## LOCAL NEWS

- 530 (WNAG556) CA, Coronado is now silent. (TRH-CA)
- WNRS427 CA, Escondido irregular, mostly silent. (TRH-CA)
- WNRS428 CA, Oceanside irregular. (TRH-CA)
- WNSB415 CA, San Ysidro mostly silent, occasionally on with very low power. (TRH-CA)
- WNRS426 CA, Vista irregular, mostly silent. (TRH-CA)
- 1610 WNPS405? CA, Balboa Park is active, NSP. (TRH-CA)
- WNUB568 CA, Chula Vista is also active, NSP. Gets out! (TRH-CA)

## UNIDS

- 1270 Relig. station with preacher in jumble briefly 9/18 0125. KNWC-SD is listed as relig. Will keep trying. (PM-OR)
- 1530 9/13 0743 unID Spanish good under KFBK, looping ESE. Seems too early for KHPY. Possibly KCLR? (RW-CA)
- 1610 9/3 0930 male & female announcers, very weak, inaudible. Possible call letter ID WKW 695 (?) at 0930. (GJ-CA)
- 1700 Very weak station 9/8 at 0752 and 9/12 at 0855. Man & woman announcers both dates; seemed like TIS. Mentions of San Diego Chargers stadium (traffic reports on demand & express busses), and San Diego Police. Didn't hear any call letters. (LG-MT)

WDXR deadline are each Monday. Remember to report DX tests--there are already many to listen for!

-----  
TALK SHOW NEWS -- via Bill Hardy

I've learned the following from a Mutual/Talknet official via the "Radio" bulletin board on the Prodigy computer service:

Jim Bohannon has moved ahead one hour. He is now live from 2206 to 0100, with repeats through the night. This change occurred 8/30/93.

Mutual's Saturday night talk show (Bohannon's former time slot until last winter) will have its final broadcast 10/2/93, and "Best of Bohannon" on Sunday night will end on 10/3/93.

Talknet's Dr. Harvey Ruben, who has been heard weeknights 2206 to 0100, will leave Talknet 10/1/93. Mutual has moved Bohannon ahead one hour to fill the void. Westwood One, owner of both Mutual and Talknet, may be preparing to merge Mutual's talk and Talknet.





# Central DX Roundup

John C. Johnson  
 979 Neptune Boulevard  
 Billings, Montana 59105-2129

★ **PRODIGY**  
 MPNN49A

## FOR THE RECORD

REPORT ALL TIMES AS EASTERN.

DEADLINE: SATURDAYS.

### RIDING GAIN

- [SA-MB] **Shawn Axelrod**, 30 Becontree Bay, Winnipeg, Manitoba R2N 2X9  
 Icom IC-R70 with PLAM board and 4kHz filter, 4-foot box loop, 100' wire.
- [CD-OK] **Carl DeWhitt**, 501 Glendale, Ponca City, OK 74601  
 Realistic TRF & DX 400, internal rods.
- [WMC-MB] **Wayne McRae**, 103 Donegal Bay, Winnipeg, Manitoba R2K 2B5  
 Icom IC-R70 with PLAM board and 4kHz filter, Quantum loop, 3 foot loop.
- [WMC-DX] **Wayne** on DX'pedition to Spruce Sard., Arnes with R70 & Quantum loop.
- [JcJ-MT] Your editor using an Icom IC-R71A with a Radio West loop.

### SPECIAL INTEREST

- 1180 **KKAR** **NE**, Omaha. 8/25 fair to good o/u/WHAM. 0420 with continous tape loop announcing KKAR will move to 1290. Gave program line-up and mentioned new slogan "News Radio 12-90 K-kar." Promo for kick-off classic Saturday "on 11-80 on your dial KOIL." [CD-OK]

### DOWN THE DIAL

- 750 **KXL** **OR**, Portland. 9/1 good. 0720 with "News for the early birds, it's first light on KXL News Radio." My #1300 counting call changes! [WMC-MB]
- 760 **KFMB** **CA**, San Diego. 9/2 good. 0730 with "This is 7-60 AM KFMB San Diego." into AP Newslne. [WMC-MB]
- 810 **KGO** **CA**, San Francisco. 8/8 poor with CKJS off briefly. 2335 with ID after spot and into call-in show. Lost when CKJS returned at 2340. [WMC-MB]
- WGY** **NY**, Schenectady. 8/8 poor with CKJS off during lightning storm. 2328 with "WGY" ID during a call-in show. [WMC-MB]
- 1010 **WGUN** **GA**, Atlanta. 9/10 poor in mess. 0700 with "...right here on WGUN." New for me, GA#2. [SA-MB]
- 1050 **KLOH** **MN**, Pipestone. 8/30 fair mostly under and at times over CKSB. 2120 with "Stereo 10-50 KLOH Pipestone." Easy listening music. [WMC-DX]
- 1230 **KTNC** **NE**, Falls City. 9/4 good. 0015 with "Falls City vs Nebraska City high school football. "KTNC" ID. Quite late for a high school game, perhaps this was a delayed broadcast. [WMC-DX]
- 1300 **KFLO** **LA**, Shreveport. 8/31 fair to good. 2036 with Houston Astro's game. 2100 ID "The home of the Dallas Cowboys, Houston Astros, KFLO Shreveport. Fade out. New here. [CD-OK]
- KWCK** **AR**, Searey. 8/31 fair. 2000 ID "You're listening to your kind of country on KWCK Search, Batesville, Jacksonville, and Heber Springs." into C&W music. Lost to KAKC at 2002. New here. [CD-OK]
- 1330 **WNIX** **MS**, Greenville. 8/28 very good. 0650 with old rock "Oh I love the Main Street City, Greenville with Greenville NIX. I love to be in Greenville with WNIX." Lots of "Greenville NIX" and "WNIX" IDs. First MS from Winnipeg. [WMC-MB]
- 1380 **KMUS** **OK**, Muskogee. TENTATIVE. 8/28 fair to poor. 1943 with spot for Rudi's Salon and other spots mentioning Muskogee. Also mention of 102.1 FM and 1380 AM. Announcer gave rap-hip hop countdown. New here. [CD-OK]

CDXR Continued....

- 1390 **KXSS** MN, Waite Park. 8/28 fair to good. 2306 with "We're St. Cloud's radio station for great music, Magic 13-90." & "Central Minnesota's favorite music on Magic 13-90." BBD music. Also news and local weather. Booming in at times, new here. [CD-OK]
- 1430 **KEES** TX, Gladewater. 9/1 fair. 2120 ID "Keys Talk Radio AM 13-90 Tyler, AM 14-30 Longview." "Keys Talk Radio, the talk of east Texas." Spots for Longview and Tyler businesses. TalkNet program. [CD-OK]
- 1450 **WLYV** IN, Ft. Wayne. 9/9 poor. 0700 with "Fort Wayne's 24 hour sports information station." [SA-MB]
- 1490 **WKRO** IL, Cairo. 8/4 good. 2205 with "WKRO serving the Cairo area for 20 years" into rock oldies. [WMc-MB]
- 1510 **KQHN** TX, Nederland. 8/27 fair. 0830 fade up over mess with ID "The home of ??? football KQHN Nederland." Fade back into mess. New here. [CD-OK]
- 1520 **WMLM** MI, St. Louis. 9/2 good in KOMA null. 0625 with "More great country right here on the Big M, WMLM." Promo for Paul Harvey. [WMc-DX]
- 1570 **WBEE** IL, Harvey. 9/4 fair, but brief. 0100 with "AM 15-70 WBEE....(??)...Harvey." Chicago news and weather. Light jazz format. [WMc-DX]
- WBGZ** IL, Alton. 8/24 poor to fair. 0459 with spot for local USAF recruiter. ID and UPI Network News. Slogan "Z-15-70." New here. [CD-OK]
- 1610 ..... MT, Glasgow. 8/31 good. 2230 TIS for Fort Peck Dam. This TIS has replaced the Kenasho, WI TIS as dominant TIS in Winnipeg and Spruce Sard. [WMc-DX]
- ..... WI. 8/31 very poor under Glasgow, MT and The Beacon. 2245 with woman saying "Welcome to Obestibe Island National...?" [WMc-DX]

## LOCAL CHANGES

- 790 **KGHL** MT, Billings. KGHL has dumped their country format and is now "News -Talk - Sports" with such programming as the "G. Gordon Lilly" talk show daily (1100-1500). They are still airing CBS News on the hour. More details to follow. [JcJ-MT]

## DX TESTS

- 1010(WSCI) IN, Columbus. 9/6 DX Test not heard, XEHL dominating. [SA-MB]
- 1460 **WCEI** MD, Easton, 9/5 DX Test. Very poor u/KKPR, KGGO, CJOY. 0230 with code IDs heard twice. [SA-MB]  
+9/5 DX Test fair with KKPR and CJOY. 0240 code ID heard. [WMc-DX]
- 1530(WCEG) MA, Middleboro. 9/6 DX Test not heard, only WCKY, XEVR, KFBK. [SA-MB]  
+9/6 DX Test not heard. [WMc-DX]
- 1560(WSEZ) IN, Paoli. 9/5 DX Test not heard, only KKA, WQEW, KCJJ, WPAD. [SA-MB]  
+DX Test not heard. [WMc-DX]
- 1590(WASB) NY, Rockport. 9/5 DX Test not heard here. [WMc-DX]

## unIDs

- 1240 unID 8/30 brief. 2200 with "Rockin' the Range, Pure Gold (?) WFNQ (?)." Old rock music. [WMc-MB]
- 1610 unID 9/12 very poor. 0740 hears bits of a message by a woman talking about Viking (??) and saying "Hello Shoppers." Perhaps a mall TIS? [SA-MB]

## unID HELP

- 680 unID [BH+NH-MT]'s unID on 680 north of West Yellowstone, MT repeating "ESQ" has been identified by Shawn Axelrod. It's actually the 338kHz beacon "ESY" in West Yellowstone. 2nd harmonic of 338 is 676 - Bill's car radio digital readout picked it on 680. Info passed on to by Bill Hardy. Thanks Shawn!

## 25 YEARS AGO

October 5, 1968 issue of IRCA's "DX Monitor"....Forums were filled with comments about the proposed NRC merger into the IRCA, both pro and con.... Jeff Kadet of Bethesda, MD said "If the NRC can't find a new publisher, let it fold."...Mike Worst of Seattle, WA said the NRC should work out it's own publishing problems without dragging IRCA into it....President Larry Godwin of

CDXR Continued....

Littleton, CO pointed out dues would need to be increased if there were a merger resulting in a larger publication.

### OPEN MIKE

Always the dullness of the fool is the whetstone of the wits. Local KGHL-790 has changed formats, so when you hear that UNID with talk, it might be them. They have been country for a number of years, one of their FMers (KDWG) remains country. Now, Billings has two talk format AMs. The next ratings could be interesting. I'm still getting thank you notes for the convention last June. I'm so pleased so many had such a great time. Your comments are much appreciated. 73, John.

### EASTERN DX ROUNDUP

LEONARD HYDE  
1805 WHIPPLE DR. #27  
BLACKSBURG VA 24060-2436

**DEADLINES:** Weekly (every Friday)

**\* THE REPORTERS \***

(ES) Elliot Straus - Toms River NJ - R-390A, Quantum Loop, longwires, MFJ-959B

(ed) the editor at home with R-392, 2' box loop, Autek QF-1

**\* OF SPECIAL INTEREST \***

710 WFNR VA, Christiansburg will soon drop bluegrass format in exchange for all news/talk. Their FM sister station, WBNK-100.7 (Kool FM) has changed from AC/oldies to modern C&W. (from local news release) (ed)

990 WNRV VA, Narrows was to return to air Sept. 6 with bluegrass format from WFNR. As of this date (Sept 13) it has not yet happened. The station has been dark for over a year. It will remain daytime only. (from local news release) (ed)

**\* THE REPORT \***

540 CJSB ON, OTTAWA 8/25 2020 v gd w/"Classic Rock 540 AM, 54 Rock" followed by 3 Led Zeppelin songs in a row. (ES)

1100 WYKR VT, WELLS RIVER 8/25 2000 caught end of s/off anmt & SSB - v gd. (ES)

1290 WNBK NY, Binghamton 9/6 1930 ID as "WNBK News-Talk 1290." (ES)

**\* EDITOR'S DESK \***

Thanks to Elliot

The following persons contributed to EDXR during the past year:

Dave Braun	Mike Brooker	Tom Bryant
Mark Connelly	Mike Hardester	Gregory Henson
Lynn Hollerman	Larry Flegle	Tony Fitzherbert
Karl Jeter	Albert Kaiser	David Reitz
Elliot Straus	J.D. Stephens	William Townshend
Robert Wien	William Wyllie	

Thanks again, folks: without you this would not be possible.

It seems I celebrated my first anniversary a little early. When I looked back in DXM to get these names, I discovered that my first column was in #3. Oh well, just let's me extend the celebration, hi!

Turn on those radios, and get out those reports, IRCAnS - we're WEEKLY!



# Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

**Larry Godwin, 2390 Clydes Dale Ln. Missoula, MT 59801**  
406-721-5131

[9/13] Greetings! DX has been good here mid-August to mid-Sept., with 1 new state (WJR-760-MI) and 1 new province (CBL-740-ON); see DXR. Also Japanese stations were audible 9/11 and 9/12; see DXWW. Wayne H. says NRC Log is out; details should appear in this issue of DXM. I just stocked up on my favorite DX tape, the Denon DX1/90 (how can you beat one with "DX" in the model number?). Actually fidelity is excellent; better than a Memorex tape I tried. Local store had them on special for \$1.30 (normally \$2.00) because Denon has changed the packaging. I've given up keeping a word-processing list of all tips reported to DXR and DXWW. Instead I rely on a search utility program to locate all instances of, for example, reception of WHAS-840. The search takes about 15 seconds using XTree. I think DOS 6.0 has a similar search routine. Good DX.

Your forum could be here - plenty of space available!

## Geomagnetic Indices

+	high point	mas	major storm	SA	solar activity
-	low point			spe	satellite proton event
GEO	geomagnetic activity	mis	minor storm	ss	severe storm
maf	major flare	pca	polar cap absorption		

Geomagnetic Summary August 11 1993 through September 7 1993

Date	FLUX	A	K	SA	GEO	OTHER
8/11	108	3	0	moderate	quiet	-
12	-	-	-	-	-	-
13	97	5	0	low	quiet	-
14	92	1	1	low	quiet	-
15	91	8	5	low	quiet-mis	-
16	90	34	7	very low	active-mis	mas 0000
17	93	33	4	low	quiet-active	-
18	92	19	3	very low	quiet-active	-
19	92	13	2	very low	quiet-unsettled	-
20	92	9	0	very low	quiet-unsettled	-
21	95	5	0	very low	quiet	-
22	94	4	2	very low	quiet	-
23	93	2	0	very low	quiet	-
24	91	3	0	very low	quiet	-
25	89	1	1	very low	quiet	-
26	80	5	1	very low	quiet	-
27	88	16	2	very low	unsettled-active	-
28	88	7	3	very low	quiet-unsettled	-
29	90	9	2	very low	quiet-unsettled	-
30	89	3	1	very low	quiet	-
8/31	89	2	0	very low	quiet	-
9/ 1	86	0	0	very low	quiet	-
2	81	3	4	very low	quiet	-
3	80	30	5	very low	active-mis	mis 1200
4	79	23	3	low	active	-
5	80	12	2	very low	quiet-unsettled	-
6	79	10	2	very low	quiet-unsettled	-
8/ 7	78	10	3	very low	quiet-unsettled	-



EASTERN

DX

FORUM

DEADLINES: Saturdays

Richard C. Evans

P.O. Box 21883

Milwaukee, WI 53221-0883

Phone: 414-Atlantic 2-9035

Tom Laskowski, 1334 East Miner Street, South Bend, Indiana 46617

It's been quite a while since I've checked in but work has kept me very busy. I missed the Labor Day DX tests due to a misunderstanding in the times. We are on EST here in Indiana, the test times were given in EDT. Oh well! There are sure to be many more opportunities this year. I doubt that I will have much time for any serious DXing this season, but if anyone out there would like to get in touch with me via E-mail, I can be reached at the following: [laskowsk@mas-tech.rn.com](mailto:laskowsk@mas-tech.rn.com) I hope everyone has a successful DX season. 73. (Please note my E-mail address is [laskowsk](mailto:laskowsk) and not [laskowski](mailto:laskowski).)

R.C.Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016

Mad at the USPS again. A letter from Australia was trashed and arrived in a poly bag with half the enclosed stix missing. Got a radio schedule from Back to the Bible Broadcast, P.O. Box 82808, Lincoln, NE 8501 listing "nearly 460 stations". Free on request. Canadian address is Box 10, Winnipeg, MB R3C 2G2. Went to the Ky state Fair but not much to see (grab). WHAS-840/WAMZ-97.5 had the usual remote facilities, but most "goodies" required a donation to charity. WAVE-TV3 and WFPC-TV15 also had active booths. Found unmanned WLLV-1240 and "Lite 106.9" (x-EZ107) booths. The Hawk, WHKW-103.9, was outside in the Marlboro tent giving away some nice buttons. Most interesting was the Air Force Combat Control Team from the KY Air National Guard. They had a "Hummer" absolutely packed with radio equipment behind the front seats. I too heard the WWRV relay on 530 out of South Calicos and passed it by. Heard again and identified (after reading DXM) on 8/30. Shortly after, WJYM-730 was over/under a strong XEX. I stopped by the brand new WJIE-88.5 studio facility before the Fair. Used to be co-located with WBNA-TV21. So long--Col. DX.

Mark Connelly, 30 William Road, Billerica, Massachusetts 01821-6079

I hope everyone had a good summer. DX-wise, it was eventful here. Of course I enjoyed the NRC Convention in CT. There was a good turnout and the buffet BBQ banquet was the best I've ever had at a convention. Thanks to Ron Musco and the rest of the organizers. In July, my company sent me to Huntsville, AL for a couple of weeks. While there, I managed to drop in on J.D. Stephens for a great DX session/get-together. We spotted Saudi Arabia-1521 coming in as a strong het around 2200 CDT. On one of the weekends of the trip, I drove to Pensacola, FL and had fun visiting Gerry Thomas. He has an impressive Quantum Loop Workshop & DX shack at his house near the Gulf. Numerous Cubans are loud there all day; 1180 features a serious "duke-out" between Cuba & R. Marti. On the ride back to Huntsville, intense T-storms caused a dozen-or-so car collision on I-65 in southern 'Bama. Luckily I heard the radio report & jumped onto a side road just in time to dodge the 7-mile back-up. On the other trip weekend, I drove up I-65 to Nashville, TN and checked out the WTFDA Convention, Ryman Hall, Opryland USA, and the Country Music Hall of Fame. A highlight of the visit was touring WSM Radio. Other DX items of interest during the summer were stops at my father-in-law's vacation house in Harwich, MA on Cape Cod. The QTH, within 2 miles of eastward-facing beaches, "kicks butt" for TA's. Even in mid-summer, a multitude of stations from the western Mediterranean area (Spain, Portugal, Morocco, Algeria) pounded in at night at levels 10 to 20 dB stronger than at home under similar conditions. Lately I've been getting involved with E-mail on my PC. Jean Burnell, Richard Eckman, and several other DXers frequently exchange DX tips with me on the Internet. I may be reached at "[markwalion@aol.com](mailto:markwalion@aol.com)" or, if you have America On-Line, just use "markwalion" as the address. This can be cheaper than long-distance telephone and nearly as quick. Early September has had some GREAT

conditions with the northern Europeans, including Virgin Radio (UK) on 1215 kHz, returning after a summer absence. So ... go get 'em! (Mark, I drive I-65 from Nashville, TN to Montgomery, AL once every spring--rce)

Bruce Conti, 46 Ridgefield Drive, Nashua, New Hampshire 03062-1174

New member dossier: single, 34, product development engineer - Lexicon, Inc. (manufacturer of digital audio processing equipment for the music industry), part-time UMass-Lowell student, distance runner (USATF member), MW/SW DXer, Audio Engineering Society member, National Radio Club member since 1977. Active DX shack equipment: ICOM R70, Realistic DX-400, MWDX-5 phasing unit, (2) 60-ft long wires. Targets: Caribbean & Latin American stations, DX tests. Yes, after 16 years in the NRC, I've reached the point where I can't seem to get enough DX, so I've finally signed-on as a member of the IRCA too. Last season turned out to be halfway decent, with several new loggings from the Caribbean, Colombia, Mexico, and Venezuela. However, this season I expect less from the south and perhaps more trans-Atlantic and trans-continental DX as sunspot cycle 22 bottoms out. From the DX log, 8/6: Florida was bombing in on 1580 // WSHE-103.5 FM with "Triple Shot Weekend" rock music at 2115. A Christian talk show on WLIX-540 was mixing with CJSB "54 Rock", 2205. WDEV-550 was unusually strong with Red Sox baseball // 96.1 FM at 2247, with CFNB in their null carrying Broadcast News at 2300. WICE is usually heard here. 8/12: Meteor showers were effecting the ionosphere, evidenced by a number of Spanish stations across the dial this evening. Radio Clarin-860 DR made it in CJBC's null with "ocho-sesenta" IDs and "Informacion" news program at 2221. Local WRKO-680 was also affected, with Toronto's news station and an unID C&W station (possibly CKXG) breaking through. 8/25: WGNA-1460 noted // "Country 106.7", 2157. CJCL-1430 was in nice with "sports updates every 30 minutes", 2205. 8/31: CFGT-1270 heard with ID as "La Station Country" and FF C&W music, 2147. Haven't heard the new Radio Christiana-530 Turks & Caicos yet, just the usual CIAO and local TIS WNUE-386. On 8/27, WSSH-1510 Radio Continental went silent again. A call to the station provided no further info, as personnel were "not at liberty to say" anything about what's going on. Radio Continental was managed by International Communications Group Inc before their 7/15 to 7/26 silent period. They came back under new management, Metropolitan Communications Corporation, emulating a Top 40 format with more music, less talk, more jingles, and heavy promotion of the fact that they were Boston's only 24-hour Spanish station, with 50,000 watts. Will Radio Continental return? Stay tuned! 73s. (Welcome to IRCA, Bruce. I remember you from NRC. I trust you also sent the DX to the proper Roundup and Foreign section where they belong--rce)

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

Got back from vacation in one piece. Just under 3200 miles in 9 days. Never did have the radio on, and the motel TV's only for the weather channel as we had frost and snow all around us, but never any where we were (except that my wife says she saw some left over snow in Bismarck, ND). I saw the towers for CKRM-980 and CKCK-620 in Regina, Sask. which was our turnaround point. I didn't see any towers in Winnipeg, but we were too busy trying to find a motel there. I knew before we left how big Manitoba, Saskatchewan, and the Dakotas were but I was still amazed at it. I understand much better now why it's so hard to hear North and South Dakota stations. I also didn't realize before the trip that Saskatchewan doesn't go on daylight time. Nancy Hardy, I got your letter about the DX Partners contest, but haven't decided yet about joining. I've been on 11-12 hours since April (for no overtime pay, naturally), so I'm somewhat kicking around the thoughts of looking for another job. I almost went in to visit a carrier in Bismarck, ND, but I did look to see where they're located. That's it for this week. See you in 7 days. 73.

## 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.

## LEFT SIDE

Hole #	Comp. Desig.	Description	X	Y	D
1	S1	Whip Freq. Range sw. - tab	-1.375	2.25	0.125
2	S1	Whip Freq. Range sw. - shaft	-1.375	2.0	0.25
3	S3	Q switch - tab	-0.625	2.25	0.125
4	S3	Q switch - shaft	-0.625	2.0	0.25
5	S2	Loop / Whip switch - tab	-1.0	1.0	0.125
6	S2	Loop / Whip switch - shaft	-1.0	0.75	0.25
7	M1	VRLY-A card - H/W 4	0.25	1.5	0.125
8	M1	VRLY-A card - H/W 3	0.25	0.5	0.125
9	M1	VRLY-A card - H/W 2	1.25	1.5	0.125
10	M1	VRLY-A card - H/W 1	1.25	0.5	0.125

## TOP SIDE

Hole #	Comp. Desig.	Description	X	Y	D
1	G1	internal ground lug hardware	-1.375	3.0	0.125
2	J4	Whip / Wire In - BNC jack	0.0	3.25	0.375
3	J1	Loop Head In-stereo phone jk	0.0	2.125	0.375
4	A1	BFE-C front-end card - H/W 2	-1.125	1.5	0.125
5	A1	BFE-C front-end card - H/W 4	-1.125	0.5	0.125
6	A1	BFE-C front-end card - H/W 1	0.375	1.5	0.125
7	A1	BFE-C front-end card - H/W 3	0.375	0.5	0.125
8a	A2	BUF-A buffer amp. card-H/W 2	1.375	3.5	0.125
9a	A2	BUF-A buffer amp. card-H/W 1	1.375	1.9	0.125
8b	A2	BUF-B buffer amp. card-H/W 2	1.375	3.625	0.125
9b	A2	BUF-B buffer amp. card-H/W 1	1.375	1.625	0.125

NOTE: Use holes 8a & 9a if using the BUF-A card as the output amplifier; use holes 8b & 9b if using the BUF-B card instead.

## RIGHT SIDE

Hole #	Comp. Desig.	Description	X	Y	D
1	J2	ControlCable-stereo phone jk	-1.125	0.625	0.375
2	G2	internal ground lug hardware	0.0	1.25	0.125
3	J3	RF out / DC in - BNC jack	0.0	0.5	0.375

Schematic = Figures 1 & 2.

Item	Designator	Description/Value	Vendor	Vendor Stock #	QTY
1	-	chassis box 5X4X3	MOU	537-TF-779	1
2	A1	BFE-C front-end		(see Table 4)	1
3*	A2	BUF-A buffer amp.		(see Table 5)	1
4	M1	VRLY-A var./relay		(see Table 3)	1
5	C1	capacitor, 43 pF	MOU	21CBO43	1
6	C2,5	capacitor, 10 uF	MOU	581-10K35	2
7	C3,6	capacitor, 0.001uF	MOU	539-CK05102K	2
8	C4	capacitor, 0.1 uF	MOU	539-CK05104K	1
9	DS1	NE-2 neon bulb	MOU	36NE002	1
10	J1,2	stereo phone jack	MOU	10PJ080	2
11	J3,4	BNC jack	MOU	523-31-221	2
12	L1	inductor, 1.5 mH	MOU	434-1120-153K	1
13	L2	inductor, 82 uH	MOU	43LR825	1
14	L3	inductor, 6.8 uH	MOU	43LR686	1

FIRST CLASS  
U.S. POSTAGE  
PAID  
RIVERSIDE, CA  
PERMIT NO. 5214



**FIRST CLASS MAIL**

32-09  
J D STEPHENS  
3715 CONGER RD SW  
HUNTSVILLE AL 35805-5725  
USA

**THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)**  
**PO Box 70223 Riverside CA 92513-0223**

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 khz). **DX Monitor**, the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

**CLUB ADDRESSES AND OFFICERS**

President: Bill Hardy, 2301 Pacific Ave, Aberdeen WA 98520 (proposals)  
Secretary-Treasurer: Ralph Sanserino, PO Box 70223, Riverside, CA 92513-0223 (dues/address changes)  
Board of Directors: Shawn M Axelrod, Richard Evans, Larry Godwin, Michael S Hardester, John C Johnson (chairman), Patrick Martin and Robert Wien  
Editor-in-Chief/Publisher: Ralph Sanserino, PO Box 70223, Riverside, CA 92513-0223  
Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117

**MEMBERSHIP DUES**

U.S. - \$25.00 per year. Canada - \$27.00. Overseas Surface - \$28.50. Overseas Airmail - \$35.00 (Central America, Caribbean, Colombia and Venezuela), \$38.00 (Europe, North Africa, Middle East), \$41.00 (rest of the world). One time charge for New Member Packet - \$2.00 (first year only). Trial Membership - \$9.50 (10 issues of **DX Monitor** and a New Member Packet, U.S. / Canada / Mexico only). Installment rate: two payments of 1/2 dues plus \$1.00 (\$13.50/payment for U.S. members). Make checks and money orders payable to IRCA and send all dues (and address changes) to: IRCA, PO Box 70223, Riverside, CA 92513-0223. Persons living outside the U.S., please use International Money Order in U.S. funds. Sample copies of **DX Monitor** are \$1.00 (U.S. or Canadian) or two International Reply Coupons each and are available from: IRCA, PO Box 70223, Riverside, CA 92513-0223.

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and the original contributor. Opinions expressed in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers. ♪